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Inhoud
Sommaire
Content
Inhalt

A Algemene informatie
Généralités
General Information
Allgemeine Information

B Algemene informatie systemen
Généralités séries
General Information System
Allgemeine Information System

C Profielen
Profilés
Profiles
Profile

E Werktekeningen
Coupes et débits
Work drawings
Werkzeichnungen

F Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

G Toebehoren
Accessoires
Accessories
Zubehör

Reynaers Aluminium

Inhoud

INHOUDSTAFEL 16K.001-008

Algemene informatie

SYMBOLENLIJST 16K.A.001-008

Algemene informatie systeme

MAX. TOELAATBARE AFMETINGEN 16K.B.001-001_02.002
MAX. TOELAATBARE AFMETINGEN AWW/SILL VARIANT 16K.B.001_02.003-001_02.004
MAX. TOELAATBARE AFMETINGEN 16K.B.006

Profielen

PROFIELOVERZICHT 16K.C.001-003
BUITENKADER 16K.C.005
BUITENKADER VENTILATIE ROOSTER 16K.C.006
KADERPROFIEL 16K.C.007
Z-PROFIEL 16K.C.008
ONDERDORPEL 16K.C.009-011
VLEUGEL 16K.C.011_02.001
VLEUGEL BINNENBEGLAZING 16K.C.012
VLEUGEL BUITENBEGLAZING 16K.C.013
T-PROFIEL 16K.C.014-015_02.003
OMKEERPROFIEL 16K.C.015_02.004
POSITIONERINGSPROFIEL 16K.C.015_02.005
KOPPELPROFIEL 16K.C.016
HOEKPROFIEL 90° 16K.C.017
HOEKPROFIEL 135° 16K.C.018
HOEKPROFIEL VARIABEL 16K.C.019-020
LEKLIJST 16K.C.021
KLIPSPROFIEL 16K.C.022
GLASLAT 16K.C.023
VERBREDINGSPROFIEL 16K.C.023_02.001

Werktekeningen

OVERZICHT RAMEN 16K.E.001-003
OVERZICHT VARIANTEN 16K.E.003_02.001-003_02.002
VASTE VLEUGEL BINNENBEGLAZING 16K.E.004-005
RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING 16K.E.006-007
RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING ST-> 16K.E.007_02.001-007_02.002
RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING 16K.E.007_02.003-009
RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING ST - 16K.E.010-011
SAMENGESTELD RAAM SIDE HUNG BINNENBEGLAZING 16K.E.012-013
SAMENGESTELD RAAM SIDE HUNG BINNENBEGLAZING 16K.E.014-015
SAMENGESTELD RAAM SIDE HUNG VASTE VLEUGEL 16K.E.015_02.001-015_02.002
SAMENGESTELD RAAM SIDE HUNG OMKEER PROFIEL 16K.E.015_02.003-015_02.004
VAST RAAM MET OMKEER GLASLAT 16K.E.015_02.005-015_02.006
SAMENGESTELD RAAM TOP HUNG BINNENBEGLAZING 16K.E.016-021
VAST RAAM PAS24 16K.E.021_02.001-021_02.002
VAST RAAM MET OMKEERPROFIEL 16K.E.021_02.003-021_02.004
VAST RAAM MET OMKEERPROFIEL ST-> ST+ 16K.E.021_02.005-021_02.006
VAST RAAM MET OMKEERPROFIEL ST-> HI 16K.E.021_02.007-021_02.008
VAST RAAM BUITENBEGLAZING 16K.E.022-023
VASTE VLEUGEL BUITENBEGLAZING 16K.E.024-025
RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING CLA 16K.E.025_02.001-025_02.002
RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING FERI 16K.
RAAM NAAR BUITENDRAAIEND BUITENBEGLAZING E.025_02.003-025_02.004
RAAM NAAR BUITENDRAAIEND BUITENBEGLAZING ST -> 16K.E.026-027
RAAM NAAR BUITENDRAAIEND BUITENBEGLAZING 16K.E.027_02.001-027_02.002
RAAM NAAR BUITENDRAAIEND BUITENBEGLAZING ST -> 16K.E.028-029
STOLPRAAM 16K.E.030-031
SAMENGESTELD RAAM SIDE HUNG VASTE VLEUGEL PAS 16K.E.031_02.001-031_02.004
SAMENGESTELD RAAM SIDE HUNG VASTE VLEUGEL "FUI 16K.E.031_02.005-031_02.006
SAMENGESTELD RAAM SIDE HUNG BUITENBEGLAZING 16K.E.031_02.007-031_02.008
SAMENGESTELD RAAM TOP HUNG BUITENBEGLAZING 16K.E.032-033
16K.E.034-038

Montagetekeningen

VERWERKINGSVOORSCHRIFTEN
PROCESS FLOW 16K.F.001-024
KLEMBLOKKEN ZAAGMACHINE 16K.F.025-027
KLEMBLOKKEN CNC MACHINES 095.B700.00 16K.F.028-029
KLEMBLOKKEN CNC MACHINES 095.C300.00 16K.F.030
KLEMBLOKKEN CNC MACHINES 095.E000.00 16K.F.031
KLEMBLOKKEN CNC MACHINES 095.N300.00 16K.F.032-033
ONTWATERING VAST RAAM 16K.F.034-035
ONTWATERING VAST RAAM / T-PROFIEL 16K.F.036-037
ONTWATERING SIDE HUNG 16K.F.038-039
ONTWATERING TOP HUNG 16K.F.040-041_02.002
ONTWATERING SIDE HUNG 16K.F.041_01.001
ONTWATERING TOP HUNG 16K.F.041_01.002
ONTWATERING ONDERDORPEL 16K.F.041_01.003-043
DECOMPRESSIE 16K.F.044-047
T-VERBINDING 16K.F.048-049
T-VERBINDING PAS24 16K.F.050-051_02.002
KRUISVERBINDINGEN MET SCHROEF 16K.F.052-053
T-VERBINDER MET SCHROEF 16K.F.053_02.001-053_02.002
T-VERBINDING MET SCHROEF 16K.
T-VERBINDING PAS24 F.053_02.003-053_02.004
T-VERBINDING MET SCHROEF VOOR BUITENDRAAIEND F 16K.
KRUISVERBINDING PAS24 F.053_02.005-053_02.006
KRUISVERBINDINGEN MET SCHROEF 16K.F.053_02.007-053_02.008
KLEINHOUTEN 16K.F.053_02.009-053_02.010
STEUNHOEKEN 16K.F.054-055
SCHROEFHOEK KADER 16K.F.055_02.001-055_02.002
SCHROEFHOEK VLEUGEL 16K.
HOEKENPERS 095.B500.00 F.055_02.003-055_02.006
HOEKENPERS 095.H800.00 16K.F.056-057
OVERZICHT ACCESSOIRES SIDE HUNG 16K.F.058
OVERZICHT ACCESSOIRES TOP HUNG 16K.F.059
OVERZICHT ACCESSOIRES SIDE HUNG PAS24 16K.F.060-061_02.002
OVERZICHT ACCESSOIRES TOP HUNG PAS24 16K.F.062-063_02.002
MONTAGEVOLGORDE ACCESSOIRES 16K.F.064-065
MONTAGEVOLGORDE ACCESSOIRES PAS24 16K.F.066-067
BEGLAZINGSMETHODE 16K.F.068-069
INSTEEKSLOT BINNENBEGLAZING 16K.F.070-071
INSTEEKSLOT BUITENBEGLAZING 16K.F.072-081
MONTAGE ANTI KNIK BLOK 16K.F.082-085
SCHAREN "STANDAARD" 16K.F.086-087
SCHAREN "STANDAARD" VARIANT FIXING 16K.F.088-089
SCHAREN "STANDAARD" 16K.F.090-091
SCHAREN "EGRESS" PAS24 16K.F.091_02.001-091_02.002
RAAMBEGRENZER 16K.F.092-094
RAAMBEGRENZER VARIANT HI 16K.F.095
BEGLAZINGSTABELLEN 16K.F.098-099
BEGLAZINGSMETHODE 16K.F.099_02.001-099_02.002
MONTAGE VASTE VLEUGEL 16K.F.100-101
MONTAGE VASTE VLEUGEL PAS24 16K.F.101_01.001-101_01.002
MONTAGE STOLPRAAM 16K.F.102-103
MONTAGE SLUITSTUK 16K.F.103_02.001-103_02.002
PLAATSING ONDERDORPEL 16K.F.103_02.003-103_02.004
PLAATSING ONDERDORPEL - BINNENHOEK 90° 16K.F.103_02.005-103_02.006
PLAATSING ONDERDORPEL - BUITENHOEK 90° 16K.F.103_02.007-103_02.008
PLAATSING ONDERDORPEL - BINNENHOEK 135° 16K.F.103_02.009-103_02.010
PLAATSING ONDERDORPEL - BUITENHOEK 135° 16K.F.104-105
PLAATSING ONDERDORPEL - VERSTERKINGSPROFIEL 16K.F.106-107
PLAATSING ONDERDORPEL 16K.F.108-111
PLAATSING ONDERDORPEL - DILATATIEPROFIEL 16K.F.112-113
BOUWAANSLUITING 16K.F.114-117
BOUWAANSLUITING - PLAATSING ONDERDORPEL 16K.F.118-119
BOUWAANSLUITING UK 16K.F.119_01.001-119_01.002
BOUWAANSLUITING UK - PLAATSING ONDERDORPEL 16K.F.120-121
16K.F.122-123
16K.F.124-125
16K.F.126-127
16K.F.128-130

Toebehoren

OVERZICHT
PERSHOEKEN
SCHROEFHOEKEN
STEUNHOEKEN
T-VERBINDERS 16K.G.001-004_02.001
T-VERBINDERS PAS24 16K.G.005
GLASSTEUNEN 16K.G.006
GLASKLIPS 16K.G.007
SLUITSTUK 16K.G.008
BORSTEL 16K.G.009
STELBLOKJE 16K.G.010
MONTAGE VERSTERKINGSSTUK WISSELPROFIEL 16K.G.011
ESPAGNOLETSLOT LH 16K.G.012
ESPAGNOLETSLOT RH 16K.G.013
ESPAGNOLETSLOT SHOOTBOLT LH 16K.G.014
ESPAGNOLETSLOT SHOOTBOLT RH 16K.G.014_02.001
VERLENGSTUK SLOT 16K.G.015-016
SCHAREN UITZETZAKRAAM 16K.G.017-018
SCHAREN DRAAIRAAM 16K.G.018_02.001
ONDERVULLING SCHAREN 16K.G.018_02.002
RAAMBEGRENZER 16K.G.018_02.003
KRUK MET SLEUTEL 16K.G.019-022
HOEKVERBINDER DORPEL 16K.G.023-028
DILATATIEPROFIEL 16K.G.029
EINDSTUK DORPEL 16K.G.030
INDRAAI-ANKER 10MM GROEF 16K.G.031
BEVESTIGING 16K.G.032
KLEMBLOKKEN CNC MACHINES 095.B700.00 16K.G.033
KLEMBLOKKEN CNC MACHINES 095.C300.00 16K.G.034
KLEMBLOKKEN CNC MACHINES 095.E000.00 16K.G.035
KLEMBLOKKEN CNC MACHINES 095.N300.00 16K.G.036
PERSBLOK VOOR 095.B500.00 16K.G.037
PERSBLOK VOOR 095.H800.00 16K.G.038
MULTIFUNCTIONELE MATRIJS 16K.G.039
BOORMAL 16K.G.040
16K.G.041-042
16K.G.043-044
16K.G.045
16K.G.046-047

INHOUDSTAFEL
TABLE DES MATIERES
TABLE OF CONTENTS
INHALTSANGABE

Sommaire

TABLE DES MATIERES 16K.001-008

Généralités

LISTE DES SYMBOLES 16K.A.001-008

Généralités séries

DIMENSIONS MAX. ADMISSIBLE 16K.B.001-001_02.002
DIMENSIONS MAX. ADMISSIBLE AWW/SILL VARIANT 16K.B.001_02.003-001_02.004
DIMENSIONS MAX. ADMISSIBLE 16K.B.006

Profilés

APERCU DES PROFILES 16K.C.001-003
DORMANT 16K.C.005
DORMANT GRILLE DE VENTILATION 16K.C.006
PROFILE DORMANT 16K.C.007
PROFILE-Z 16K.C.008
SEUIL 16K.C.009-011
OUVRANT 16K.C.011_02.001
OUVRANT VITRE PAR L'INTERIEUR 16K.C.012
OUVRANT VITRAGE EXTERIEUR 16K.C.013
TRAVERSE 16K.C.014-015_02.003
PROFILE INVERSION 16K.C.015_02.004
PROFILE DE POSITIONNEMENT 16K.C.015_02.005
PROFILE DE RACCORDEMENT 16K.C.016
PROFILE D'ANGLE 90° 16K.C.017
PROFILE D'ANGLE 135° 16K.C.018
PROFILE D'ANGLE VARIABLE 16K.C.019-020
REJET D'EAU 16K.C.021
CLIP 16K.C.022
PARCLOSE 16K.C.023
PROFILE D'ELARGISSEMENT 16K.C.023_02.001

Coupes et débits

APERCU FENETRES 16K.E.001-003
APERCU CARIANTES 16K.E.003_02.001-003_02.002
OUVRANT FIXE VITRE PAR L'INTERIEUR 16K.E.004-005
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEU 16K.E.006-007
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEU 16K.E.007_02.001-007_02.002
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEU 16K.E.007_02.003-009
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEU 16K.E.010-011
FENETRE COMPOSEE SIDE HUNG VITRAGE INTERIEUR 16K.E.012-013
FENETRE COMPOSEE SIDE HUNG VITRAGE INTERIEUR ST 16K.E.014-015
FENETRE COMPOSEE SIDE HUNG OUVRANT FIXE 16K.E.015_02.001-015_02.002
FENETRE COMPOSEE SIDE HUNG PROFILE INVERSION 16K.E.015_02.003-015_02.004
FENETRE FIXE AVEC PARCLOSE D'INVERSION 16K.E.015_02.005-015_02.006
FENETRE COMPOSEE TOP HUNG VITRAGE INTERIEUR 16K.E.016-021
FENETRE FIXE PAS24 16K.E.021_02.001-021_02.002
FENETRE FIXE AVEC PROFILE INVERSION 16K.E.021_02.003-021_02.004
FENETRE FIXE AVEC PROFILE INVERSION ST-> ST+ 16K.E.021_02.005-021_02.006
FENETRE FIXE AVEC PROFILE INVERSION ST-> HI 16K.E.021_02.007-021_02.008
FENETRE FIXE VITRAHE EXTERIEUR 16K.E.022-023
OUVRANT FIXE VITRAGE EXTERIEUR 16K.E.024-025
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEU 16K.E.025_02.001-025_02.002
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEU 16K.
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE EXTERIEU E.025_02.003-025_02.004
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE EXTERIEU 16K.E.026-027
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE EXTERIEU 16K.E.027_02.001-027_02.002
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE EXTERIEU 16K.E.028-029
DOUBLE OVRANT 16K.E.030-031
FENETRE COMPOSEE SIDE HUNG OUVRANT FIXE PAS24 16K.E.031_02.001-031_02.004
FENETRE COMPOSEE SIDE HUNG OUVRANT FIXE "FUNCT 16K.E.031_02.005-031_02.006
FENETRE COMPOSEE SIDE HUNG VITRAGE EXTERIEUR 16K.E.031_02.007-031_02.008
FENETRE COMPOSEE TOP HUNG VITRAGE EXTERIEUR 16K.E.032-033
16K.E.034-038

Fabrication et montage

PRESCRIPTIONS DE MISE EN OEUVRE
PROCESS FLOW 16K.F.001-024
BLOCS DE SERRAGE SCIE CIRCULAIRE 16K.F.025-027
BLOCS DE SERRAGE CNC MACHINES 095.B700.00 16K.F.028-029
BLOCS DE SERRAGE CNC MACHINES 095.C300.00 16K.F.030
BLOCS DE SERRAGE CNC MACHINES 095.E000.00 16K.F.031
BLOCS DE SERRAGE CNC MACHINES 095.N300.00 16K.F.032-033
DRAINAGE FENETRE FIXE 16K.F.034-035
DRAINAGE FENETRE FIXE / TRAVERSE 16K.F.036-037
DRAINAGE SIDE HUNG 16K.F.038-039
DRAINAGE TOP HUNG 16K.F.040-041_02.002
DRAINAGE SIDE HUNG 16K.F.041_01.001
DRAINAGE TOP HUNG 16K.F.041_01.002
DRAINAGE SEUIL 16K.F.041_01.003-043
DECOMPRESSION 16K.F.044-047
RACCORDEMENT-T 16K.F.048-049
RACCORDEMENT-T PAS24 16K.F.050-051_02.002
JONCTIONS TRANSVERSALES AVEC VIS 16K.F.052-053
JONCTION-T AVEC VIS 16K.F.053_02.001-053_02.002
RACCORDEMENT-T AVEC VIS 16K.
RACCORDEMENT-T PAS24 F.053_02.003-053_02.004
JONCTION-T AVEC VIS POUR FENÊTRE OUVRANT VERS L' 16K.
JONCTION TRANSVERSALE PAS24 F.053_02.005-053_02.006
JONCTIONS TRANSVERSALES AVEC VIS 16K.F.053_02.007-053_02.008
PETIT BOIS 16K.F.053_02.009-053_02.010
CALES DE FEUILLURE 16K.F.054-055
EQ. A VISSER CADRE 16K.F.055_02.001-055_02.002
EQUERRE A VISSER OUVRANT 16K.
SERTISSEUSE 095.B500.00 F.055_02.003-055_02.006
SERTISSEUSE 095.H800.00 16K.F.056-057
APERCU ACCESSOIRES SIDE HUNG 16K.F.058
APERCU ACCESSOIRES TOP HUNG 16K.F.059
APERCU ACCESSOIRES SIDE HUNG PAS24 16K.F.060-061_02.002
APERCU ACCESSOIRES TOP HUNG PAS24 16K.F.062-063_02.002
ORDRE DE MONTAGE ACCESSOIRES 16K.F.064-065
ORDRE DE MONTAGE ACCESSOIRES PAS24 16K.F.066-067
METHODE DE VITRAGE 16K.F.068-069
CREMONE SERRURE VITRE PAR L'INTERIEUR 16K.F.070-071
CREMONE SERRURE VITRAGE EXTERIEUR 16K.F.072-081
MONTAGE BLOC CONTRE GAUCHISSEMENT 16K.F.082-085
COMPAS "STANDARD" 16K.F.086-087
COMPAS "STANDARD" VARIANT FIXING 16K.F.088-089
COMPAS "STANDARD" 16K.F.090-091
COMPAS "EGRESS" PAS24 16K.F.091_02.001-091_02.002
LIMITEUR D'OUVERTURE 16K.F.092-094
LIMITEUR D'OUVERTURE VARIANT HI 16K.F.095
TABLEAUX DE VITRAGE 16K.F.098-099
METHODE DE VITRAGE 16K.F.099_02.001-099_02.002
MONTAGE OUVRANT FIXE 16K.F.100-101
MONTAGE OUVRANT FIXE PAS24 16K.F.101_01.001-101_01.002
ASSEMBLAGE DOUBLE OVRANT 16K.F.102-103
MONTAGE GACHE 16K.F.103_02.001-103_02.002
FINITION LATERALE SEUIL 16K.F.103_02.003-103_02.004
FINITION LATERALE SEUIL - COIN INTERIEUR 90° 16K.F.103_02.005-103_02.006
FINITION LATERALE SEUIL - COIN EXTERIEUR 90° 16K.F.103_02.007-103_02.008
FINITION LATERALE SEUIL - COIN INTERIEUR 135° 16K.F.103_02.009-103_02.010
FINITION LATERALE SEUIL - COIN EXTERIEUR 135° 16K.F.104-105
FINITION LATERALE SEUIL - PROFILE DE RENFORCEMENT 16K.F.106-107
FINITION LATERALE SEUIL 16K.F.108-111
FINITION LATERALE SEUIL - PROFILE DE DILATATION 16K.F.112-113
RACCORDEMENT AU BATIMENT 16K.F.114-117
RACCORDEMENT AU BATIMENT - FINITION LATERALE SE 16K.F.118-119
RACCORDEMENT AU BATIMENT UK 16K.F.119_01.001-119_01.002
RACCORDEMENT AU BATIMENT UK - FINITION LATERALE 16K.F.120-121
16K.F.122-123
16K.F.124-125
16K.F.126-127
16K.F.128-130

Accessoires

APERCU
EQUERRES A SERTIR
EQUERRES A VISSER
CALES DE FEUILLURE
JONCTIONS-T 16K.G.001-004_02.001
JONCTIONS-T PAS24 16K.G.005
SUPPORTS CALE DE VITRAGE 16K.G.006
CLIP DE VITRAGE 16K.G.007
GACHE 16K.G.008
BROSSE 16K.G.009
CALE D'AJUSTEMENT 16K.G.010
MONTAGE PIECE DE RENFORCEMENT DE CHICANE 16K.G.011
FERMETURE ESPAGNOLETTE LH 16K.G.012
FERMETURE ESPAGNOLETTE RH 16K.G.013
FERMETURE ESPAGNOLETTE SHOOTBOLT LH 16K.G.014
FERMETURE ESPAGNOLETTE SHOOTBOLT RH 16K.G.014_02.001
RALLONGE SERRURE 16K.G.015-016
COMPAS OUVRANT CHASSIS A L'ITALIENNE 16K.G.017-018
COMPAS FENETRE OUVR. A LA FRANC. 16K.G.018_02.001
SUPPORT COMPAS 16K.G.018_02.002
LIMITEUR D'OUVERTURE 16K.G.018_02.003
POIGNEE A CLE 16K.G.019-022
EQUERRE SEUIL 16K.G.023-028
PROFILE DE DILATATION 16K.G.029
PIECE D'EXTREMITE SEUIL 16K.G.030
ANCRAGE A CLIPPER 10MM GORGE 16K.G.031
FIXATION 16K.G.032
BLOCS DE SERRAGE CNC MACHINES 095.B700.00 16K.G.033
BLOCS DE SERRAGE CNC MACHINES 095.C300.00 16K.G.034
BLOCS DE SERRAGE CNC MACHINES 095.E000.00 16K.G.035
BLOCS DE SERRAGE CNC MACHINES 095.N300.00 16K.G.036
ENCLUME POUR 095.B500.00 16K.G.037
ENCLUME POUR 095.H800.00 16K.G.038
MATRICE MULTIFONCTIONELLE 16K.G.039
CALIBRE DE PERCAGE 16K.G.040
16K.G.041-042
16K.G.043-044
16K.G.045
16K.G.046-047

INHOUDSTAFEL
TABLE DES MATIERES
TABLE OF CONTENTS
INHALTSANGABE

Content

TABLE OF CONTENTS 16K.001-008

General Information

LIST OF SYMBOLS 16K.A.001-008

General Information System

MAX. ADMISSIBLE SIZES 16K.B.001-001_02.002
MAX. ADMISSIBLE SIZES AWW/SILL VARIANT 16K.B.001_02.003-001_02.004
MAX. ADMISSIBLE SIZES 16K.B.006

Profiles

PROFILE OVERVIEW 16K.C.001-003
OUTER FRAME 16K.C.005
OUTER FRAME VENTILATION GRILLE 16K.C.006
FRAME PROFILE 16K.C.007
Z-PROFILE 16K.C.008
SILL 16K.C.009-011
VENT 16K.C.011_02.001
VENT INSIDE GLAZED 16K.C.012
VENT OUTER GLAZING 16K.C.013
TRANSOM-MULLION 16K.C.014-015_02.003
CHANGEOVER PROFILE 16K.C.015_02.004
POSITIONING PROFILE 16K.C.015_02.005
CONNECTION PROFILE 16K.C.016
CORNER PROFILE 90° 16K.C.017
CORNER PROFILE 135° 16K.C.018
VARIABLE CORNER PROFILE 16K.C.019-020
DRIP CAP 16K.C.021
CLIP PROFILE 16K.C.022
GLAZING BEAD 16K.C.023
ENLARGING PROFILE 16K.C.023_02.001

Work drawings

OVERVIEW WINDOWS 16K.E.001-003
OVERVIEW VARIANTS 16K.E.003_02.001-003_02.002
FIXED VENT INSIDE GLAZED 16K.E.004-005
WINDOW OUTWARD OPENING INSIDE GLAZED 16K.E.006-007
WINDOW OUTWARD OPENING INSIDE GLAZED ST -> ST+ 16K.E.007_02.001-007_02.002
WINDOW OUTWARD OPENING INSIDE GLAZED 16K.E.007_02.003-009
WINDOW OUTWARD OPENING INSIDE GLAZED ST -> HI 16K.E.010-011
COMPOSITE WINDOW SIDE HUNG INSIDE GLAZED 16K.E.012-013
COMPOSITE WINDOW SIDE HUNG INSIDE GLAZED ST -> 16K.E.014-015
COMPOSITE WINDOW SIDE HUNG DUMMY VENT 16K.E.015_02.001-015_02.002
COMPOSITE WINDOW SIDE HUNG CHANGEOVER PROFII 16K.E.015_02.003-015_02.004
FIXED WINDOW WITH REVERSE GLAZINGBEAD 16K.E.015_02.005-015_02.006
COMPOSITE WINDOW TOP HUNG INSIDE GLAZED 16K.E.016-021
FIXED WINDOW PAS24 16K.E.021_02.001-021_02.002
FIXED WINDOW WITH CHANGEOVER PROFILE 16K.E.021_02.003-021_02.004
FIXED WINDOW WITH CHANGEOVER PROFILE ST-> ST+ 16K.E.021_02.005-021_02.006
FIXED WINDOW WITH CHANGEOVER PROFILE ST-> HI 16K.E.021_02.007-021_02.008
FIXED WINDOW OUTER GLAZING 16K.E.022-023
FIXED VENT OUTER GLAZING 16K.E.024-025
WINDOW OUTWARD OPENING INSIDE GLAZED CLASSIC 16K.E.025_02.001-025_02.002
WINDOW OUTWARD OPENING INSIDE GLAZED FERRO 16K.
WINDOW OUTWARD OPENING OUTER GLAZING E.025_02.003-025_02.004
WINDOW OUTWARD OPENING OUTER GLAZING ST -> ST 16K.E.026-027
WINDOW OUTWARD OPENING OUTER GLAZING 16K.E.027_02.001-027_02.002
WINDOW OUTWARD OPENING OUTER GLAZING ST -> HI 16K.E.028-029
FRENCH CASEMENT 16K.E.030-031
COMPOSITE WINDOW SIDE HUNG DUMMY VENT PAS24 16K.E.031_02.001-031_02.004
COMPOSITE WINDOW SIDE HUNG DUMMY VENT "FUNC 16K.E.031_02.005-031_02.006
COMPOSITE WINDOW SIDE HUNG OUTER GLAZING 16K.E.031_02.007-031_02.008
COMPOSITE WINDOW TOP HUNG OUTER GLAZING 16K.E.032-033
16K.E.034-038

Assembly drawings

PROCESSING DATA
PROCESS FLOW 16K.F.001-024
CLAMP BLOCKS SAW 16K.F.025-027
CLAMP BLOCKS CNC MACHINERY 095.B700.00 16K.F.028-029
CLAMP BLOCKS CNC MACHINERY 095.C300.00 16K.F.030
CLAMP BLOCKS CNC MACHINERY 095.E000.00 16K.F.031
CLAMP BLOCKS CNC MACHINERY 095.N300.00 16K.F.032-033
DRAINAGE FIXED WINDOW 16K.F.034-035
DRAINAGE FIXED WINDOW / TRANSOM-MULLION 16K.F.036-037
DRAINAGE SIDE HUNG 16K.F.038-039
DRAINAGE TOP HUNG 16K.F.040-041_02.002
DRAINAGE SIDE HUNG 16K.F.041_01.001
DRAINAGE TOP HUNG 16K.F.041_01.002
DRAINAGE SILL 16K.F.041_01.003-043
DECOMPRESSION 16K.F.044-047
T-CONNECTION 16K.F.048-049
T-CONNECTION PAS24 16K.F.050-051_02.002
CROSS CONNECTIONS WITH SCREW 16K.F.052-053
T-BRACKET WITH SCREW 16K.F.053_02.001-053_02.002
T-CONNECTION WITH SCREW 16K.
T-CONNECTION PAS24 F.053_02.003-053_02.004
T-BRACKET WITH SCREW OUTSIDE OPENING WINDOW 16K.
CRUCIFORM CONNECTION PAS24 F.053_02.005-053_02.006
CROSS CONNECTIONS WITH SCREW 16K.F.053_02.007-053_02.008
GEORGIAN BARS 16K.F.053_02.009-053_02.010
REBATE SUPPORTS 16K.F.054-055
SCREW CORNER FRAME 16K.F.055_02.001-055_02.002
SCREW CORNER CLEAT VENT 16K.
CRIMPING MACHINE 095.B500.00 F.055_02.003-055_02.006
CRIMPING MACHINE 095.H800.00 16K.F.056-057
OVERVIEW ACCESSORIES SIDE HUNG 16K.F.058
OVERVIEW ACCESSORIES TOP HUNG 16K.F.059
OVERVIEW ACCESSORIES SIDE HUNG PAS24 16K.F.060-061_02.002
OVERVIEW ACCESSORIES TOP HUNG PAS24 16K.F.062-063_02.002
ORDER OF ASSEMBLY ACCESSORIES 16K.F.064-065
ORDER OF ASSEMBLY ACCESSORIES PAS24 16K.F.066-067
GLAZING METHOD 16K.F.068-069
INTERNAL LOCKING SYSTEM INSIDE GLAZED 16K.F.070-071
INTERNAL LOCKING SYSTEM OUTER GLAZING 16K.F.072-081
ASSEMBLY ANTI KINK BLOCK 16K.F.082-085
FRICTION STAYS "STANDARD" 16K.F.086-087
FRICTION STAYS "STANDARD" VARIANT FIXING 16K.F.088-089
FRICTION STAYS "STANDARD" 16K.F.090-091
SCISSOR STAY HINGE "EGRESS" PAS24 16K.F.091_02.001-091_02.002
RESTRICTOR 16K.F.092-094
RESTRICTOR VARIANT HI 16K.F.095
GLAZING TABLES 16K.F.098-099
GLAZING METHOD 16K.F.099_02.001-099_02.002
ASSEMBLY DUMMY VENT 16K.F.100-101
ASSEMBLY DUMMY VENT PAS24 16K.F.101_01.001-101_01.002
ASSEMBLY FRENCH CASEMENT 16K.F.102-103
ASSEMBLY LOCK PLATE 16K.F.103_02.001-103_02.002
SEALING SILL/THRESHOLD 16K.F.103_02.003-103_02.004
SEALING SILL/THRESHOLD - INNER CORNER 90° 16K.F.103_02.005-103_02.006
SEALING SILL/THRESHOLD - OUTER CORNER 90° 16K.F.103_02.007-103_02.008
SEALING SILL/THRESHOLD - INNER CORNER 135° 16K.F.103_02.009-103_02.010
SEALING SILL/THRESHOLD - OUTER CORNER 135° 16K.F.104-105
SEALING SILL/THRESHOLD - REINFORCEMENT PROFILE 16K.F.106-107
SEALING SILL/THRESHOLD 16K.F.108-111
SEALING SILL/THRESHOLD - EXPASION PROFILE 16K.F.112-113
BUILDING CONNECTION 16K.F.114-117
BUILDING CONNECTION - SEALING SILL/THRESHOLD 16K.F.118-119
BUILDING CONNECTION UK 16K.F.119_01.001-119_01.002
BUILDING CONNECTION UK - SEALING SILL/THRESHOLD 16K.F.120-121
16K.F.122-123
16K.F.124-125
16K.F.126-127
16K.F.128-130

Accessories

OVERVIEW
CRIMP CORNER CLEATS
SCREW CORNER CLEATS
REBATE SUPPORTS
T-BRACKETS 16K.G.001-004_02.001
T-BRACKETS PAS24 16K.G.005
GLASS SUPPORTS 16K.G.006
SAFETY CLIP 16K.G.007
LOCK PLATE 16K.G.008
BRUSH 16K.G.009
ADJUSTING BLOCK 16K.G.010
ASSEMBLY REINFORCEMENT PIECE MEETING SECTION 16K.G.011
ESPAGNOLETTE LOCK LH 16K.G.012
ESPAGNOLETTE LOCK RH 16K.G.013
ESPAGNOLETTE LOCK SHOOTBOLT LH 16K.G.014
ESPAGNOLETTE LOCK SHOOTBOLT RH 16K.G.014_02.001
LOCK EXTENSION 16K.G.015-016
FRICTION STAYS FOR TOP-HUNG WINDOW 16K.G.017-018
FRICTION STAYS SIDE HUNG WINDOW 16K.G.018_02.001
SUPPORT FRICTION STAYS 16K.G.018_02.002
RESTRICTOR 16K.G.018_02.003
HANDLE TO KEY 16K.G.019-022
CORNER CLEAT SILL 16K.G.023-028
EXPANSION PROFILE 16K.G.029
END PIECE SILL 16K.G.030
SCREW FIXING LUG 10MM GROOVE 16K.G.031
FIXINGS 16K.G.032
CLAMP BLOCKS CNC MACHINERY 095.B700.00 16K.G.033
CLAMP BLOCKS CNC MACHINERY 095.C300.00 16K.G.034
CLAMP BLOCKS CNC MACHINERY 095.E000.00 16K.G.035
CLAMP BLOCKS CNC MACHINERY 095.N300.00 16K.G.036
PRESS BLOCK FOR 095.B500.00 16K.G.037
PRESS BLOCK FOR 095.H800.00 16K.G.038
MULTIFUNCTIONAL PUNCH TOOL 16K.G.039
BORING JIG 16K.G.040
16K.G.041-042
16K.G.043-044
16K.G.045
16K.G.046-047

INHOUDSTAFEL
TABLE DES MATIERES
TABLE OF CONTENTS
INHALTSANGABE

Inhalt

INHALTSANGABE 16K.001-008

Allgemeine Information

ZEICHENERKLAERUNG 16K.A.001-008

Allgemeine Information Syste

MAX. ZULAESSIGE ABMESSUNGEN 16K.B.001-001_02.002
MAX. ZULAESSIGE ABMESSUNGEN AWW/SILL VARIANT 16K.B.001_02.003-001_02.004
MAX. ZULAESSIGE ABMESSUNGEN 16K.B.006

Profile

PROFILUEBERSICHT 16K.C.001-003
BLENDRAHMEN 16K.C.005
BLENDRAHMEN LÜFTUNSGITTER 16K.C.006
BLENDRAHMENPROFIL 16K.C.007
Z-PROFIL 16K.C.008
BASISPROFIL 16K.C.009-011
FLUEGEL 16K.C.011_02.001
FLUEGEL INNENVERGLASUNG 16K.C.012
FLUEGEL AUSSENVERGLASUNG 16K.C.013
SPROSSE 16K.C.014-015_02.003
WECHSELPROFIL 16K.C.015_02.004
POSITIONIERPROFIL 16K.C.015_02.005
KUPPLUNGSPROFIL 16K.C.016
ECKPROFIL 90° 16K.C.017
ECKPROFIL 135° 16K.C.018
VARIABELES ECKPROFIL 16K.C.019-020
WETTERSCHENKEL 16K.C.021
ABDECKPROFIL 16K.C.022
GLASLEISTE 16K.C.023
VERBREITERUNGSPROFIL 16K.C.023_02.001

Werkzeichnungen

UEBERSICHT FENSTER 16K.E.001-003
UEBERSICHT VARIANTEN 16K.E.003_02.001-003_02.002
FESTSTEHENDER FLUEGEL INNENVERGLASUNG 16K.E.004-005
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUN(16K.E.006-007
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUN(16K.E.007_02.001-007_02.002
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUN(16K.E.007_02.003-009
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUN(16K.E.010-011
FENSTER MIT FESTEM PFOSTEN SIDE HUNG INNENVERG 16K.E.012-013
FENSTER MIT FESTEM PFOSTEN SIDE HUNG INNENVERG 16K.E.014-015
FENSTER MIT FESTEM PFOSTEN SIDE HUNG FESTSTEHEI 16K.E.015_02.001-015_02.002
FENSTER MIT FESTEM PFOSTEN WECHSELPROFIL 16K.E.015_02.003-015_02.004
FESTVERGLASUNG MIT WECHSEL GLASLEISTE 16K.E.015_02.005-015_02.006
FENSTER MIT FESTEM PFOSTEN TOP HUNG INNENVERGL 16K.E.016-021
FESTVERGLASUNG PAS24 16K.E.021_02.001-021_02.002
FESTVERGLASUNG MIT WECHSELPROFIML 16K.E.021_02.003-021_02.004
FESTVERGLASUNG MIT WECHSELPROFIL ST-> ST+ 16K.E.021_02.005-021_02.006
FESTVERGLASUNG MIT WECHSELPROFIL ST-> HI 16K.E.021_02.007-021_02.008
FESTVERGLASUNG AUSSENVERGLASUNG 16K.E.022-023
FESTSTEHENDER FLUEGEL AUSSENVERGLASUNG 16K.E.024-025
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUN(16K.E.025_02.001-025_02.002
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUN(16K.
FENSTER NACH AUSSEN OEFFNEND AUSSENVERGLASUI E.025_02.003-025_02.004
FENSTER NACH AUSSEN OEFFNEND AUSSENVERGLASUI 16K.E.026-027
FENSTER NACH AUSSEN OEFFNEND AUSSENVERGLASUI 16K.E.027_02.001-027_02.002
FENSTER NACH AUSSEN OEFFNEND AUSSENVERGLASUI 16K.E.028-029
STULPFENSTER 16K.E.030-031
FENSTER MIT FESTEM PFOSTEN SIDE HUNG FESTSTEHEN 16K.E.031_02.001-031_02.004
FENSTER MIT FESTEM PFOSTEN SIDE HUNG FESTSTEHEN 16K.E.031_02.005-031_02.006
FENSTER MIT FESTEM PFOSTEN SIDE HUNG AUSSENVER 16K.E.031_02.007-031_02.008
FENSTER MIT FESTEM PFOSTEN TOP HUNG AUSSENVERC 16K.E.032-033
16K.E.034-038

Montagezeichnungen

VERARBEITUNGSVORSCHRIFTEN
PROCESS FLOW 16K.F.001-024
SPANNBACKEN SAEGE 16K.F.025-027
SPANNBACKEN CNC MASCHINEN 095.B700.00 16K.F.028-029
SPANNBACKEN CNC MASCHINEN 095.C300.00 16K.F.030
SPANNBACKEN CNC MASCHINEN 095.E000.00 16K.F.031
SPANNBACKEN CNC MASCHINEN 095.N300.00 16K.F.032-033
ENTWAESSERUNG FESTVERGLASUNG 16K.F.034-035
ENTWAESSERUNG FESTVERGLASUNG / SPROSSE 16K.F.036-037
ENTWAESSERUNG SIDE HUNG 16K.F.038-039
ENTWAESSERUNG TOP HUNG 16K.F.040-041_02.002
ENTWAESSERUNG SIDE HUNG 16K.F.041_01.001
ENTWAESSERUNG TOP HUNG 16K.F.041_01.002
ENTWAESSERUNG BASISPROFIL 16K.F.041_01.003-043
DEKOMPRESSION 16K.F.044-047
T-VERBINDUNG 16K.F.048-049
T-VERBINDUNG PAS24 16K.F.050-051_02.002
KREUZVERBINDUNGEN MIT SCHRAUBE 16K.F.052-053
T-VERBINDER MIT SCHRAUBE 16K.F.053_02.001-053_02.002
T-VERBINDUNG MIT SCHRAUBE 16K.
T-VERBINDUNG PAS24 F.053_02.003-053_02.004
T-VERBINDER MIT SCHRAUBE AUSSEN ÖFFNENDES FENS 16K.
KREUZVERBINDUNG PAS24 F.053_02.005-053_02.006
KREUZVERBINDUNGEN MIT SCHRAUBE 16K.F.053_02.007-053_02.008
ZIERSPROSSE 16K.F.053_02.009-053_02.010
ECKWINKEL GLASANSCHLAG 16K.F.054-055
SCHRAUBECKW. BLENDRAHMEN 16K.F.055_02.001-055_02.002
SCHRAUBECKWINKEL FLUEGEL 16K.
ECKVERBINDUNGSMASCHINE 095.B500.00 F.055_02.003-055_02.006
ECKVERBINDUNGSMASCHINE 095.H800.00 16K.F.056-057
UEBERSICHT ZUBEHOR SIDE HUNG 16K.F.058
UEBERSICHT ZUBEHOR TOP HUNG 16K.F.059
UEBERSICHT ZUBEHOR SIDE HUNG PAS24 16K.F.060-061_02.002
UEBERSICHT ZUBEHOR TOP HUNG PAS24 16K.F.062-063_02.002
RIEHENFOLGE VON MONTAGE ZUBEHOR 16K.F.064-065
RIEHENFOLGE VON MONTAGE ZUBEHOR PAS24 16K.F.066-067
VERGLASUNGSWEISE 16K.F.068-069
EINSTECKGETRIEBE INNENVERGLASUNG 16K.F.070-071
EINSTECKGETRIEBE AUSSENVERGLASUNG 16K.F.072-081
MONTAGE BLOCKS GEGEN VERBIEGUNGEN 16K.F.082-085
SCHERE "STANDARD" 16K.F.086-087
SCHERE "STANDARD" VARIANT FIXING 16K.F.088-089
SCHERE "STANDARD" 16K.F.090-091
SCHERE "EGRESS" PAS24 16K.F.091_02.001-091_02.002
BEGRENZUNGSSCHERE 16K.F.092-094
BEGRENZUNGSSCHERE VARIANT HI 16K.F.095
VERGLASUNGSTABELLE 16K.F.098-099
VERGLASUNGSWEISE 16K.F.099_02.001-099_02.002
MONTAGER FESTSTEHENDER FLUEGEL 16K.F.100-101
MONTAGER FESTSTEHENDER FLUEGEL PAS24 16K.F.101_01.001-101_01.002
MONTAGE STULPFENSTER 16K.F.102-103
MONTAGE SCHLIESSSTUECK 16K.F.103_02.001-103_02.002
MONTAGE FENSTERBANK 16K.F.103_02.003-103_02.004
MONTAGE WETTERSCHENKEL - INNENWINKEL 90° 16K.F.103_02.005-103_02.006
MONTAGE WETTERSCHENKEL - AUSSENWINKEL 90° 16K.F.103_02.007-103_02.008
MONTAGE WETTERSCHENKEL - INNENWINKEL 135° 16K.F.103_02.009-103_02.010
MONTAGE WETTERSCHENKEL - AUSSENWINKEL 135° 16K.F.104-105
MONTAGE WETTERSCHENKEL - VERSTAERKUNGSPROFIL 16K.F.106-107
MONTAGE FENSTERBANK 16K.F.108-111
MONTAGE WETTERSCHENKEL - AUSDEHNUNGSPROFIL 16K.F.112-113
BAUANSCHLUSS 16K.F.114-117
BAUANSCHLUSS - MONTAGE WETTERSCHENKEL 16K.F.118-119
BAUANSCHLUSS UK 16K.F.119_01.001-119_01.002
BAUANSCHLUSS UK - MONTAGE WETTERSCHENKEL 16K.F.120-121
16K.F.122-123
16K.F.124-125
16K.F.126-127
16K.F.128-130

Zubehör

UEBERSICHT
PRESSECKWINKEL
SCHRAUBECKWINKEL
ECKWINKEL GLASANSCHLAG
T-VERBINDER 16K.G.001-004_02.001
T-VERBINDER PAS24 16K.G.005
KLOTZBRUECKEN 16K.G.006
SICHERUNGSKLEMME 16K.G.007
SCHLIESSSTUECK 16K.G.008
BUERSTE 16K.G.009
DISTANZKLOTZ 16K.G.010
MONTAGE VERSTAERKUNGSSTUECK WECHSELPROFIL 16K.G.011
TREIBRIEGELVERSCHLUSS LH 16K.G.012
TREIBRIEGELVERSCHLUSS RH 16K.G.013
TREIBRIEGELVERSCHLUSS LH 16K.G.014
TREIBRIELVERSCHLUSS SHOOTBOLT RH 16K.G.014_02.001
HAKENSCHLOSSVERLAENGERUNG 16K.G.015-016
AUSSTELLSCHEREN SENK-KLAPPFENSTER 16K.G.017-018
SCHERE DREHFENSTER 16K.G.018_02.001
FUELLSTUECK SCHERE 16K.G.018_02.002
BEGRENZUNGSSCHERE 16K.G.018_02.003
HANDGRIFF MIT SCHLUESSEL 16K.G.019-022
ECKVERBINDER WETTERSCHENKEL 16K.G.023-028
AUSDEHNUNGSPROFIL 16K.G.029
ENDSTUECKWETTERSCHENKEL 16K.G.030
MAUERANKER ZUM EINKLEMMEN 10MM RILLE 16K.G.031
BEFESTIGUNG 16K.G.032
SPANNBACKEN CNC MASCHINEN 095.B700.00 16K.G.033
SPANNBACKEN CNC MASCHINEN 095.C300.00 16K.G.034
SPANNBACKEN CNC MASCHINEN 095.E000.00 16K.G.035
SPANNBACKEN CNC MASCHINEN 095.N300.00 16K.G.036
PRESSBLOCK FUER 095.B500.00 16K.G.037
PRESSBLOCK FUER 095.H800.00 16K.G.038
MEHRZWECKSTANZWERKZEUG 16K.G.039
BOHRLEHRE 16K.G.040
16K.G.041-042
16K.G.043-044
16K.G.045
16K.G.046-047

INHOUDSTAFEL
TABLE DES MATIERES
TABLE OF CONTENTS
INHALTSANGABE

16K.A.001	19/05/2021	D0099740	16K.E.026	12/04/2019	D0100927
16K.A.002	18/05/2021	D0099741	16K.E.027_02.001	09/06/2022	D3010577
16K.A.003	18/05/2021	D0099742	16K.E.028	12/04/2019	D0100949
16K.A.004	23/01/2019	D0099743	16K.E.030	12/04/2019	D0101199
16K.A.005	23/01/2019	D0099744	16K.E.031_02.001	09/06/2022	D3008691
16K.A.006	12/04/2019	D0099745	16K.E.031_02.003	09/06/2022	D3009155
16K.A.007	23/01/2019	D0099746	16K.E.031_02.005	09/06/2022	D3009210
16K.A.008	02/2017		16K.E.031_02.007	09/06/2022	D3009231
16K.B.001	02/2017		16K.E.032	12/04/2019	D0100623
16K.B.001_02.001	09/06/2022	D3003610	16K.E.034	12/04/2019	D0100882
16K.B.001_02.002	09/06/2022	D3003611	16K.E.036	12/04/2019	D0100660
16K.B.001_02.003	09/06/2022	D3003612	16K.E.038	02/2017	
16K.B.001_02.004	09/06/2022	D3003613	16K.F.001	23/01/2019	PD.089.K16A.00-DU
16K.B.006	02/2017		16K.F.007	23/01/2019	PD.089.K16A.00-FR
16K.C.001	23/01/2019	D0100909	16K.F.013	23/01/2019	PD.089.K16A.00-EN
16K.C.001_02.001	09/06/2022	D3004858	16K.F.019	23/01/2019	PD.089.K16A.00-GE
16K.C.002	23/01/2019	D0100910	16K.F.025	02/2017	
16K.C.003	23/01/2019	D0100911	16K.F.026	02/2017	D0100904
16K.C.005	05/11/2021	D0100521	16K.F.028	03/2017	D0101245
16K.C.006	23/01/2019	D0100525	16K.F.030	05/11/2021	D0100854
16K.C.007	23/01/2019	D0100527	16K.F.032	17/03/2022	D0100852
16K.C.008	23/01/2019	D0100526	16K.F.034	17/03/2022	D0100850
16K.C.009	02/2017	D0100751	16K.F.036	23/01/2019	D0100655
16K.C.010	02/2017	D0100775	16K.F.038	17/03/2022	D0101250
16K.C.011	02/2017	D0101305	16K.F.040	23/01/2019	D0100895
16K.C.011_02.001	09/06/2022	D3009348	16K.F.041_02.001	09/06/2022	D3009351
16K.C.012	05/11/2021	D0100519	16K.F.041_01.001	18/05/2022	D0101420
16K.C.013	05/11/2021	D0100524	16K.F.041_01.003	23/01/2019	D0101479
16K.C.014	02/2017	D0100522	16K.F.042	23/01/2019	D0100734
16K.C.015	23/01/2019	D0100523	16K.F.044	23/01/2019	D0101189
16K.C.015_02.001	09/06/2022	D3000613	16K.F.046	23/01/2019	D0101193
16K.C.015_02.002	09/06/2022	D3000614	16K.F.048	23/01/2019	D0100681
16K.C.015_02.003	09/06/2022	D3009347	16K.F.050	23/01/2019	D0100659
16K.C.015_02.004	09/06/2022	D3009313	16K.F.051_02.001	09/06/2022	D3009496
16K.C.015_02.005	09/06/2022	D3009349	16K.F.052	13/12/2019	D0101286
16K.C.016	02/2017	D0100534	16K.F.053_02.001	09/06/2022	D3000786
16K.C.017	03/2017	D0100528	16K.F.053_02.003	09/06/2022	D3000699
16K.C.018	02/2017	D0100529	16K.F.053_02.005	09/06/2022	D3009901
16K.C.019	28/11/2019	D0100530	16K.F.053_02.007	09/06/2022	D3009579
16K.C.020	02/2017	D0100532	16K.F.053_02.009	09/06/2022	D3009578
16K.C.021	02/2017	D0100744	16K.F.054	23/01/2019	D0101308
16K.C.022	02/2017	D0100540	16K.F.055_02.001	09/06/2022	D3000799
16K.C.023	02/2017	D0100539	16K.F.055_02.003	09/06/2022	D3009893
16K.C.023_02.001	09/06/2022	D3000615	16K.F.055_02.005	09/06/2022	D3009878
16K.E.001	02/2017		16K.F.056	03/2017	D0100687
16K.E.002	02/2017	D0100825	16K.F.058	05/11/2021	D0100767
16K.E.003_02.001	09/06/2022	D3009158	16K.F.060	02/2017	D0100693
16K.E.004	12/04/2019	D0101201	16K.F.061_02.001	09/06/2022	D3009319
16K.E.006	02/2017	D0100818	16K.F.062	02/2017	D0100692
16K.E.007_02.001	09/06/2022	D3010576	16K.F.063_02.001	09/06/2022	D3009345
16K.E.007_02.003	09/06/2022	D3005105	16K.F.064	02/2017	D0100653
16K.E.008	12/04/2019	D0100948	16K.F.066	02/2017	D0100953
16K.E.010	02/2017	D0101196	16K.F.068	03/2017	D0101289
16K.E.012	12/04/2019	D0100570	16K.F.070	03/2017	D0101290
16K.E.014	12/04/2019	D0101288	16K.F.072	23/01/2019	D0100679
16K.E.015_02.001	09/06/2022	D3008683	16K.F.073_02.001	09/06/2022	D3001117
16K.E.015_02.003	09/06/2022	D3009223	16K.F.074	05/11/2021	D0101210
16K.E.015_02.005	09/06/2022	D3009945	16K.F.076	23/01/2019	D0100993
16K.E.016	12/04/2019	D0100881	16K.F.078	16/05/2019	D0101037
16K.E.018	12/04/2019	D0100652	16K.F.080	23/01/2019	D0100896
16K.E.019_02.001	09/06/2022	D3009896	16K.F.082	24/03/2022	D0100894
16K.E.020	12/04/2019	D0100937	16K.F.084	17/03/2022	D0100680
16K.E.021_02.001	09/06/2022	D3009211	16K.F.086	23/01/2019	D0100828
16K.E.021_02.003	09/06/2022	D3008686	16K.F.088	23/01/2019	D0100699
16K.E.021_02.005	09/06/2022	D3010590	16K.F.090	23/01/2019	D0101003
16K.E.021_02.007	09/06/2022	D3010593	16K.F.091_02.001	09/06/2022	D3009553
16K.E.022	02/2017	D0100731	16K.F.092	17/03/2022	D0101204
16K.E.024	23/01/2019	D0101264	16K.F.094	23/01/2019	D0100708
16K.E.025_02.001	09/06/2022	D3009488	16K.F.098	23/01/2019	D0101281
16K.E.025_02.003	09/06/2022	D3009487	16K.F.099_02.001	09/06/2022	D0100710

16K.F.100	23/01/2019	D0100842	16K.G.043	24/03/2022	D0101319
16K.F.101_01.001	23/01/2019	D0101417	16K.G.044	02/2017	D0101320
16K.F.102	17/03/2022	D0100787	16K.G.045	24/03/2022	D0101321
16K.F.103_02.001	09/06/2022	D0102074	16K.G.046	16/05/2019	D0101322
16K.F.103_02.003	09/06/2022	D3009253	16K.G.047	23/01/2019	D0101323
16K.F.103_02.005	09/06/2022	D3009310	16K.001	03/2017	
16K.F.103_02.007	09/06/2022	D3009361	16K.003	03/2017	
16K.F.103_02.009	09/06/2022	D3010610	16K.005	03/2017	
16K.F.104	07/06/2022	D0100747	16K.007	03/2017	
16K.F.106	03/2017	D0100879			
16K.F.108	03/2017	D0101085			
16K.F.110	03/2017	D0100880			
16K.F.112	03/2017	D0101059			
16K.F.114	03/2017	D0101087			
16K.F.116	03/2017	D0101036			
16K.F.118	23/01/2019	D0101181			
16K.F.119_01.001	07/06/2022	D0101390			
16K.F.120	03/2017	D0100992			
16K.F.122	12/04/2019	D0100899			
16K.F.124	23/01/2019	D0101071			
16K.F.126	02/2017	D0101294			
16K.F.128	23/01/2019	D0101295			
16K.F.130	02/2017				
16K.G.001	23/01/2019	D0101115			
16K.G.002	23/01/2019	D0101116			
16K.G.003	23/01/2019	D0101117			
16K.G.004	23/01/2019	D0101273			
16K.G.004_02.001	09/06/2022	D0102212			
16K.G.005	18/05/2022	D0100551			
16K.G.006	23/01/2019	D0100553			
16K.G.007	24/03/2022	D0101069			
16K.G.008	02/2017	D0100541			
16K.G.009	02/2017	D0101287			
16K.G.010	02/2017	D0100546			
16K.G.011	23/01/2019	D0100545			
16K.G.012	02/2017	D0100543			
16K.G.013	23/01/2019	D0100544			
16K.G.014	02/2017	D0100548			
16K.G.014_02.001	09/06/2022	D3009872			
16K.G.015	23/01/2019	D0100552			
16K.G.016	17/03/2022	D0100554			
16K.G.017	23/01/2019	D0100555			
16K.G.018	23/01/2019	D0100557			
16K.G.018_02.001	09/06/2022	D3009874			
16K.G.018_02.002	09/06/2022	D3009873			
16K.G.018_02.003	09/06/2022	D3009894			
16K.G.019	23/01/2019	D0100556			
16K.G.020	23/01/2019	D0100559			
16K.G.021	23/01/2019	D0100566			
16K.G.022	23/01/2019	D0100567			
16K.G.023	23/01/2019	D0100565			
16K.G.024	23/01/2019	D0100560			
16K.G.025	23/01/2019	D0100934			
16K.G.026	23/01/2019	D0100933			
16K.G.027	23/01/2019	D0100562			
16K.G.028	23/01/2019	D0101219			
16K.G.029	02/2017	D0101221			
16K.G.030	02/2017	D0100614			
16K.G.031	24/03/2022	D0100558			
16K.G.032	02/2017	D0100564			
16K.G.033	02/2017	D0100932			
16K.G.034	07/06/2022	D0101162			
16K.G.035	02/2017	D0100790			
16K.G.036	23/01/2019	D0100542			
16K.G.037	02/2017	D0101313			
16K.G.038	02/2017	D0101314			
16K.G.039	02/2017	D0101315			
16K.G.040	02/2017	D0101316			
16K.G.041	24/03/2022	D0101317			
16K.G.042	24/03/2022	D0101318			

A

Reynaers Aluminium

Algemene informatie
Généralités
General Information
Allgemeine Information

A

Profiel / Profilé / Profile / Profil — Perfil / Profil / Profili

A dm²/m — 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

P dm²/m — Polijstoppervlakte / Surface à polir / Polishing surface / Polieroberfläche — Superficie pulida / Powierzchnia polerowana / Superficie lucidata

Lm — Lengte / Longueur / Length / Länge — Longitud / Dlugosc / Lunghezza

Afmetingen / Dimensions / Dimensions / Abmessungen — Dimensiones / Wymiary / Dimensioni

Toepassing / Application / Application / Anwendung — Applicación / Zastosowanie / Utilizzo

Bevestigingsmiddelen / Moyens de fixation / Fixations / Befestigungsmittel — Fijación / Mocowanie / Fissaggio

Schroeven niet meegeleverd / Fourniture sans vis / Delivered without screws / Lieferung ohne Schrauben — Entregado sin tornillos / Dostarczane bez wkretow / Consegnato senza viti

1 2 3 · Montagevolgorde / Ordre de montage / The order of assembly / Montagereihenfolge — Orden de montaje / Kolejnosc montazu / Ordine di montaggio

X — Dichtingsmiddel / Matière d'étanchéité / Sealing agent / Abdichtungsmittel — Agente sellante / Masa uszczelniajaca / Siliconatura

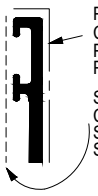
GLUE — Verlijmen / Coller / Glue / Verkleben — Collado / Klej / Colla

Vulcaniseerlijm / Colle vulcanisante / Vulcanizing glue / Vulkanisierkleber — Vulcanizante / Klej wulkanizacyjny / Colla vulcanizzante

Referentiemaat / Dimension de référence / Reference dimension / Referenzmass — Dimension de referencia / Punkt odniesienia wymiarowania / Dimensioni di riferimento

M — Merkteken / Marquage / Mark / Merkzeichen — Indicación / Znak / Contrassegno

SSG — Structureel gelijmd glaswerk / Vitrage extérieur collé / Structural sealing glazing / UV-beständiger Scheibenrandverbund — Sellado acristalado estructural / Szyba klejona spoiwem konstrukcyjnym / Siliconatura vetro strutturale



Primaire zichtzijde van een profiel / Côté visible primaire d'un profilé / Primary visible side of a profile / Primäre sichtbare Seite eines Profils — Cara vista principal del perfil / Glowna widoczna powierzchnia profilu / Primo lato visibile di un profilo

Secundaire zichtzijde van een profiel / Côté visible secondaire d'un profilé / Secondary visible side of a profile / Sekund. sichtbare Seite eines Profils — Cara vista secundaria del perfil / Drugorzedna widoczna powierzchnia profilu / Secondo lato visibile di un profilo

! Bicolor — 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) En cas de bicolore (.69) il faut indiquer d'abord la couleur du angeben

Verstek / Onglet / Mitre / Gehrung — Inglete / Połaczenie katowe / Taglio

\# Aantal / Nombre / Number / Anzahl — Número / Ilosc / Numero

Zie pagina / Voir page / See page / Siehe Seite — Ver página / Patrz strona / Vedi pagina

Type toebehoren / Type accessoires / Type accessories / Typ Zubehör — Tipos de accesorios / Rodzaj okuc / Tipo di accessorio

Glasmaten / Dimensions vitres / Glass sizes / Glasmasse — Dimensiones de los vidrios / Wymiary szyby / Dimensioni del vetro

Toepassing / Application / Utilization / Anwendung — Applicación / Zastosowanie / Riferimenti

Asymmetrisch profiel / Profilé asymétrique / Asymmetrical profile / Asymmetrisches Profil — Perfil asimetrico / Profil niesymetryczny / Profilo assimmetrico

Pagina / Page / Page / Seite — Página / Strona / Pagina

Laatste editie / Dernière édition / Last edition / Letzte Edition — Edición / Poprzednie wydanie / Ultima edizione

Vorige blz / Page précédente / Previous page / Vorige Seite — Página siguiente / Poprzednia strona / Pagina precedente

Verstevigingsprofiel / Profil de renforcement / Reinforcement profile / Verstaerkungsprofil — Perfil refuerzo / Profil wzmacniajacy / Profilo di rinforzo

L — Links van buiten gezien / Gauche vue exterieur / Left seen from outside / Links Aussenansicht — Vista izquierda desde el exterior / Na lewo widok od zewnątrz / Sinistro visto da fuori

R — Rechts van buiten gezien / Droite vue exterieur / Right seen from outside / Rechts Aussenansicht — Vista derecha desde el exterior / Na prawa widok od zewnątrz / Destro visto da fuori

R — Reynaprotector / Reynaprotector / Reynaprotector / Reynaprotector — Reynaprotector / Reynaprotector / Reynaprotector / Reynaprotector

XC — Sliconen 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 sprezystosci, kompatybilny z silikonem strukturalnym / Silicone a basso modulo elastico, compatibile con incollaggio strutturale

D0099740

Inbraakwerend
Anti-vol
Burglar proof
Einbruchhemmend

Protección anti-robo
Antywlamaniowe
Antiscasso

Basisveiligheid
Securité de base
Basic safety
Basissicherheit

Seguridad básica
Antywlamaniowosc podstawowa
Antiscasso base

2 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 wedlug normy DIN V ENV 1627
Antiscasso secondo DIN V ENV 1627

2 NEN

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

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

Testen uitgevoerd door instituut IBS (Oostenrijk) volgens norm Ö B 3800/3850
Essais effectués par IBS(Autriche) conformément la norme Ö B 3800/3850
Tests carried out by IBS (Austria) according to standard Ö B 3800/3850
Brandschutzprüfungen durchgeführt beim IBS (Österreich) gemäß Norm Ö B 3800/3850

Ensayos hechos por IBS (Austria) según la estandard Ö B 3800/3850
Badania wykonane przez IBS (Austria) wedlug norm Ö B 3800/3850
Testato presso IBS (Austria) IBS secondo Ö B 3800/3850

Testen uitgevoerd door instituut TNO (Nederland) volgens norm NEN 6069:1997
Essais effectués par TNO (Hollande) conformément la norme NEN 6069:1997
Tests carried out by TNO (The Netherlands) according to standard NEN 6069/1997
Brandschutzprüfungen durchgeführt beim IBS (Österreich) gemäß Norm Ö B 3800/3850

Ensayos realizados fuera por TNO(Holanda) según norma NEN 6069/1977
Badania wykonane przez TNO (Holandia) wedlug norm NEN 6069/1977
Testato presso TNO (Paesi Bassi) secondo NEN 6069/1977

Brandwerend
Anti-feu
Fire-proof
Feuerhemmend

Resistente al fuego
Ognioodporne
Anti fuoco

E N
E I 60

E N
E I 30

Testen uitgevoerd volgens norm EN 1634-1(deuren) en EN 1364-1 (beglaasde wanden)
Essais effectués par conformément la norme EN 1634-1(portes) et EN 1364-1(parois vitrés)
Tests carried out according to standard EN 1634-1(doors) EN 1364-1(glazed partitioning)
Prüfungen gemäß Norm EN 1634-1(Türen) und EN 1364-1(verglaste Wände)

Ensayos realizados según norma 1634-1/ EN 1364-1 -

Badania wykonane wedlug normy 1634-1 / EN 1364-1 -

Antifuoco secondo EN 1634-1 / EN 1364-1 -

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

Accessorios resistente al fuego
Akcesoria ogniodporne
Accessori Anti fuoco

600° max.
o → i

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

full curve
o → i

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

Gelaagd glas
Verre feuilleté
Laminated glass
Verbundglas

Vidrio Laminado
Szyba laminiowana
Vetro laminato

Glas
Verre
Glass
Glas

Vidrio
Szyba
Vetro

Handleiding
Manuel
Manual
Gebrauchsanweisung

Manual
Instrukcja
Manuale

Pershoekverbinding
Equerre à sertir
Crimp corner cleat
Presseckverbinder

Escuadra de ensamblar
Naroznik zaciskany
Squadrette a cianfrinare

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

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

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

e

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

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

Vulhoek
Equerre de remplissage
Corner support
Fülleckwinkel

Escuadra de relleno
Wspornik narozny
Squadretta di rempirento

Steunhoek
Cale de feuillure
Rebate support
Glasanschlagwinkel

Escuadra de alineamiento
Katowy naroznik
Squadrette di allineamento

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

Escuadra de atornillar regulable
Katowy naroznik skrecany
Squadrette ad avvitare regolabili

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

Escuadra de alineamiento regulable
Katowy naroznik nastawny
Squadretta di allineamento regolabile

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

Escuadra con clavia
Lacznik narozny sworzniowy
Squadretta a spinare

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

e

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

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

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

Union T regulable
Lacznik teowy nastawny
Giunti a T regolabili

Kruisverbindingen
Jonctions transversales
Cross connections
Kreuzverbindungen

Uniones transversales
Polaczenie krzyzowe
Collegamento a croce

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

Bevestiging drager
Fixation chevon
Fixation rafter
Beferstigung Dachsparren

Fijacion mainel
Mocowanie krokwi
Fissaggio montante

CS 77

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

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

	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
	Alleen voor CS 68 Seulement pour CS 68 Only for CS 68 Nur für CS 68	Solo para CS 68 Tylko do CS 68 Solo per CS 8
	Eénpuntsluiting Fermeture à 1 point 1-Point lock Einfachverriegelung	Cerradura de 1 punto Zamek 1-punktowy Serratura a 1 punto di chiusura
	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
	Haakslot Serrure à crochet Hook lock Hakenschloss	Cerradura gancho Zamek hakowy Serratura a gancio
	Tweepuntsluiting Fermeture à 2 points 2-Point lock Zweifachverriegelung	Cerradura de 2 puntos Zamek 2-punktowy Serratura a 2 punti di chiusura
	Driepuntsluiting Fermeture à 3 points 3-Point lock Dreifachverriegelung	Cerradura de 3 puntos Zamek 3-punktowy Serratura a 3 punti di chiusura
	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
	Vijfpuntsluiting Fermeture à 5 points 5-Point lock Fünffachverriegelung	Cerradura de 5 puntos Zamek 5-punktowy Serratura a 5 punti di chiusura
	Vijfpuntsluiting met rol Fermeture à 5 points à rouleau 5-Point lock with roller Fünffachverriegelung mit Rolle	Cerradura de 5 puntos con rodillo Zamek 5-punktowy z barylka Serratura a 5 punti di chiusura con rullino
	Zespuntsluiting Fermeture à 6 points 6-Point lock Sechsfachverriegelung	Cerradura de 6 puntos Zamek 6-punktowy Serratura a 6 punti di chiusura
	Zevenpuntsluiting Fermeture à 7 points 7-Point lock Siebenfachverriegelung	Cerradura de 7 puntos Zamek 7-punktowy Serratura a 7 punti di chiusura
	Espagnoletslot Fermeture espagnolette Espagnolette Lock Treibriegelverschluss	Cierre ventana Zamek drzwiowy do blokady pionowej Serratura a spagnoletta
	Cilinders Cylindres Cylinders Zylinder	Bombines Cylindry Cilindri
	Cilinderplaten Ecussons Cylinder covers PZ-Rosette	Escudos bombin Oslona wkladki bebenkowej Copertura cilindri
	Slotpaden Gâches Receivers Schliessbleche	Gancho Gniazdo rygla zamka Riscontri
	Deursluiters Ferme-porte Door closer Türschliesser	Cierrapuertas Samozamykacz drzwiowy Chijdiporta

	Elektrische deuropener Gâche pour serrure électrique Electric door opener Elektrischer Türöffner	Portero automatico Elektrorygiel Apertura porta elettrica
	Deurgrendels en kantschuiven Verrous de condamnation portes Flush and door bolts Kantriegel und Türriegel	Pasadores puerta Rygle biernych skrzydel drzwiowych Catenacciolo chiusura centrale
	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 zamknietych drzwi Stacco tensione a porta chiusa
	Raampompen Crémones Window handles Handhebel	Cremona Klamka okienna Cremonese
	Deurkrukken Béquilles Door handles Türdrücker	Manubrios Klamka drzwiowa Maniglie
	Sluitingen dubbele deur Serrures pour porte double Locks for double door Türtreibriegel	Cerradura puerta doble Blokada drzwi dwuskrzydlowych Serratura porta a 2 ante
	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 zewnatrz Cremonese apertura est.
	Raamscharnieren Paumelles pour fenêtres Window hinges Fensterbänder	Bisagras ventana Zawias okienny Cerniere
	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
	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
	Afstandsbussen Pièces de distance Set of distance bushes Distanzbuchsen	Piezas distanciadoras Tuleje dystansowe Set distanzialli
	Geen afstandsbussen nodig Pas de pièces de distance No distance bushes needed Keine Distanzbuchse	No necesario piezas distanciadoras Brak koniecznosci stosowania tuleji dystansowych Senza distanziali
	Inbraakwerende kogel Bille anti-vol Anti-burglar ball Einbruchhemmende Kugel	Bola proteccion antirobbo Kulka antywlamaniowa Antiscasso
	Dieveklauw Pene anti-degondage Anti-lift pin Sicherheitsbolzen	Perno antielevador Bolec antywywazeniowy Antisollevarento
	Kozijndorpelveer Pivot de frein aerien Overhead closer Obentürschliesser	Muelle aereo Samozamykacz gorny Chiudi porta sup.
	Vloerveer Pivot de frein au sol Floor closer Bodentürschliesser	Muelle pavimento puerta Samozamykacz podlogowy Chiudi porta inf.

A

	Eindstuk deurvleugel Pièce finale ouvr. porte End piece door vent Endkappe Türflügel	Tapeta hoja puerta Koncowka do skrzydla drzwiowego Terminale anta
	Eindstukken bodemprofiel Pièces finales profilé de seuil End pieces floor profile Endkappe Schwelle	Piezas terminales perfil suelo Koncowki profilu podlogowego Terminale soglia
	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
	Afdichtingen dorpels Profilés latéral pour bavettes Sill end pieces Endstück für Wetterschenkel	Tapetas condensacion Koncowki do profili podokiennych Tappi soglia
	Glassteunen Supports cale de vitrage Glazing supports Klotzbrücken	Soportes vidrio Podporka pod przeszklenie Supporti per vetro
	Afdekkap voor waterafvoersleuven Capuchon écoulement d'eau Weep hole cover Abdeckkappe Entwässerung	Deflector aire Maskownica otworu drenazowego Paratempesta
	Eindstukken stolpprofielen Bouchons double ouvrant End parts double casement profile Endkappe Stulpprofil	Tapetas perfil doble hoja Koncowka profilu ruchomego slupka Tappo inversione
	Koppelstuk Piece de raccordement Connection piece Kopplungsstueck	Pieza de union Element Laczacy Accessori collegamento
	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 slupka Tappi 2 ante
	Afdichting goot Fermeture gouttière End piece gutter Endkappe Rinne	Tapetas canal Koncowka rynny Terminale gronda
	Eindstuk Piece finale End piece Endkappe	Terminal Koncowka Terminale
	Stootplaat Arrêt vitrage toiture Glass panel stop Endstück Verglasung	Tope del panel de vidrio Ogranicznik wypelnienia Ferro x vetro
	Veranda type 1 Veranda type 1 Veranda type 1 Veranda Typ 1	Veranda tipo 1 Weranda typu 1 Veranda tipo 1
	Paniekdeur Porte de panique Panic door Paniktür	Puenta antipánico Drzwi antypaniczne Porta antipanico
	Diversen Divers Miscellaneous Diverse	Diversos Elementy uzupelniajace Varie
	Klemstuk Clip Clip Federklemme	Clip Uchwyt Clip
	Nokbevestiging Fixation de la faîtière Fixation of the ridge Firstanschluss	Fijacion del resalte Element mocujacy kalenicowy Fissaggio colmo

	Binnenbeglazingsdichting Joint à bourrer Inner glazing gasket Innenverglasungsdichtung	Junta de acristalado interior Uszczelka przyszybowa wewnetrzna Guarnizione del vetro interna
	Buitenbeglazingsdichting Joint de vitrage extérieur Outer glazing gasket Aussenverglasungsdichtung	Junta de acristalado exterior Uszczelka przyszybowa zewnetrzna Guarnizione del vetro esterna
	Buitenbeglazingsdichting Joint de vitrage extérieur Outer glazing gasket Aussenverglasungsdichtung	Junta de acristalado exterior Uszczelka przyszybowa zewnetrzna Guarnizione del vetro esterna
	Akoestische dichting Joint acoustique Acoustical seal gasket Flügelaufschlagdichtung	Junta acustica Uszczelka akustyczna Guarnizione di isolamento acustico
	Middendichtingen Joints centraux Central gaskets Mitteldichtungen	Junta central Uszczelka centralna Guarnizione centrale
	Aanslagdichting Joint de butée Butt strip Anschlagdichtung	Junta tope Uszczelka Guarnizione di battuta
	Dilatatiedichtingen Joints de dilatation Expansion gaskets Dehnungsdichtungen	Junta de dilatacion Uszczelka dylatacyjna Guarnizione di espansione
	Dichting Joint Gasket Dichtung	Junta Uszczelka Guarnizione
	Dichting Joint Gasket Dichtung	Junta Uszczelka Guarnizione
	Afdichtingsstuk Pièce d'étanchéité Sealing piece Dichtstück	Pieza de sellado Element uszczelniajacy Accessorio per sigillatura
	Opzwellende Dichting Joint Gonflant Swelling Gasket Schwellende Dichtung	Junta veranda Uszczelka do werandy Guarnizione espansione
	Dichting veranda Joint véranda Gasket veranda Dichtung Wintergarten	Junta veranda Uszczelka do werandy Guarnizione veranda
	Borsteldichtingen Joints brosse Brushes Bürstendichtungen	Cepillos Szczotki Spazzole
	Isolerend vulstuk Pièce de remplissage isolante Insulating filling piece Isolierendes Füllstück	Pieza de relleno aislante Wkladka izolacyjna Riempinento isolanta
	Einddichting Joint d'assemblage End gasket Enddichtung	Junta Uszczelka koncowa Angolo prestampato
	Isolatie Isolant Insulation Isolation	Aislamiento Izolacyja Isolante
	Brievenkleppen Entrées de courrier Letter boxes Briefeinwurf	Buzones Skrzynka na listy Cassetta posta
	Automatische deurdichtingen Fermetures automatiques Automatic door latches Automatische Türdichtungen	Cierrapuertas automaticos Drzwiowa automat. opadajaca 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
dwuskrzydlowe
Finestra a 2 ante ribalta

Draaikip
Oscillo-battant
Turn and tilt
Drehkipp

Oscilobatiente
Okno rozwierno-uchylne
Anta ribalta

Kipdraai
Battantes-ouvrantes
Tilt and turn
Kippdreh

Batiente oscilante
Okno uchylno-rozwierane
Anta ribalta inversa

Draairaam
Fenêtre ouvrante
Side-hung window
Drehfenster

Ventana practicable
Okno rozwierane
Battente

Stolpraam
Fenêtre double ouvrant
Double casement window
Stulp-Flügel Fenster

Ventana doble hoja
Okno rozwierane wuskrzydlowe
Finestra a 2 ante

Valraam
Fenêtre à soufflet
Bottom hung window
Kipp-Fenster

Ventana abatible
Okno uchylne
Wasistas

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

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

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

Ventana apertura exterior
Okno otwierane na zewnatrz
Finestra ad apertura esterna

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

Ventana proyectante con compas
Okno wychylne na zewnatrz
Sporgere con frizioni

Tuimel- en taatsraam
Châssis pivotant
Pivot window
Schwingflügel

Ventana pivotante
Okno obrotowe
Bilico

Vouwdeur
Porte pliante
Folding door
Falttür

Puerta plegable
Drzwi harmonijkowe
Veranda libro

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

Paralela
Uchylno-przesuwny
Scorrevole parallelo

Schuifraam
Fenêtre coulissante
Sliding window
Schiebefenster

Ventana corredera
Okno przesuwne
Scorrevole

Parallel opengaand raam
Fenêtre ouvrant parallele
Parallel opening window
Parallelausstellfenster

Ventana proyectante paralela
Okno rownolegle wysuwane na zewnatrz
Sporgere parallelo

Kipraam
Fenêtre battante
Tilt window
Kippfenster

Oscilo
Okno uchylne
Vasisdas

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

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

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

Puerta apertura interior
Drzwi otw. do wewnatrz
Porta apertura interna

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

Puerta apertura exterior
Drzwi otw. na zewnatrz
Porta apertura esterna

DRAAISCHUIFRAAM
OUVRANT PROJETANT
SIDE-HUNG SLIDING WINDOW
DREHSCHIEBEFENSTER

Verankeringen
Ancrages
Fixing lugs
Verankerungen

Anclajes
Kotwy
Ancoraggio

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

Bulones y cerraderos
Plytka i kolek ryglujacy
-

Goot
Gouttière
Gutter
Rinne

Canal
Rynna
Gronda

Dakvenster
Tabatière
Attic window
Dachfenster

Ventana de techo
Okno dachowe
Lucernario

Kunststof dakbedekking
Toiture synthétique
Synthetic roofing
Kunststoff Dachdeckung

Cubierta en material sintetico
Wypelnienie poliweglanem na dachy
Pannello

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

Cinta autoadhesiva de dos caras
Biadesivo

Domotica
Domotique
Domotics
Domotik

Domótica
Domotica
-

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

Perfiles alto aislamiento térmico
Profile o wysokiej izolacyjnosci termicznej
Alto isolarento

Wielen
Galets
Rollers
Laufwagen

Ruletas
Wozki
Carrelli

Regeltringels
Tringles de réglage
Adjustment rods
Regulierstange

Varilla de ajuste
Listwy regulacyjne
Astina

Geleidingsplaat
Guide
Guide plate
Führung

Placa guia
Element naprowadzajacy
Guida

A

Gereedschap
Outillage
Tool
Werkzeug

Util
Narzedzie
Utensile

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
Narzedzia i maszyny do drenazy oscieznic
Utensili e macchinari per il drenaggio del telaio

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
Narzedzia i maszyny do drenazy skrzydel
Utensili e macchinari per il drenaggio dell'anta

Decompressie
Decompression
Decompression
Dekompression

Descompresion
Dekompresja
Decompressione

Gereedschappen en machines voor T-verbinding
Outillage et machinerie pour jonction-T
Tools and machinery for T-brackets
Werkzeuge und Maschinen für T-Verbinder

Utiles y maquinaria para topes de unión
Narzedzia i maszyny do polaczen teowych
Utensili e macchinari per i giunti

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

Utiles y maquinaria para el cierre
Narzedzia i maszyny do zamkniec
Utensili e macchinari per le chiusure

Multifunctionele matrijs
Matrice multifonctionnelle
Multifunctional punch tool
Mehrzweckstanzwerkzeug

Matriz multifuncional
Wykrojnik wielofunkcyjny
Punzonatrice multifunzionale

Geleide matrijs
Matrice guidée
Punch tool
Stanzwerkzeug

Matriz
Wykrojnik
Punzonatrice

Handmatig gereedschap
Outillage manuel
Manual tools
Handwerkzeuge

Util manual
Narzedzie reczne
Dime

Freessjabloon
Calibre de fraisage
Stencil plate for milling head
Fräseschablone

Plantilla para copiadora
Szablon do frezarki
Maschera per pantografo

Enkelkopse freesmachine
Frais. à copier à une broche
Copy router 1 spindle
Einspindel-Kopierfräse

Copiadora de un cabezal
Frezarka z jedna glowica
Pantografo di copia a 1 mandrino
1 mandrino

Frees- en boormachine
Fraiseuse et foreuse
Router and drilling machine
Fräse- und Bohrgerät

Copiadora taladradora
Frezarka z wiertarka
Centro dilavoro

Bewerkingscentrum
Centre d'usinage
Machining center
Bearbeitungszentrum

Centre de mecanizado
Centrum obrodcze
Centro di lavorno

Hydropneumatische pers
Presse hydropneumatique
Hydropneumatic press
Hydropneumatische Presse

Prensa neumática
Prasa hydropneumatyczna
Pressa idropneumatica

Zaagmachine
Tronçonneuse
Sawing machine
Kreissäge

Maquina de corte
Pila do ciec przestrzennych
Macchina per taglio

Hoekenpers
Sertisseuse
Crimper
Eckverbindungsmaschine

Ensambladora
Zaciskarka narozy
Cianfrinatrice

Handmatrijs
Matrice manuelle
Manual punch tool
Handstanzwerkzeug

Prensa manual
Wykrojnik reczny
Punzonatrice manuale

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

Util para inyeccion
Narzedzie do wtrysku kleju
Utensile colla

Gereedschap voor krukken
Outillage pour cremones
Tool for handles
Werkzeug fuer Handhebel

Util para manetas
Narzedzie do klamek
Utensile per maniglie

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

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

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

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

Klemblokken
Blocs de serrage
Clamping blocks
Spannbacken

Bloques de presión
Bloki zaciskowe
Blocchetti di supporto

Gereedschap voor ontwatering buitenkaders
Outillage pour drainage dormants
Tool for drainage outer frames
Werkzeug fuer Entwaesserung Blendrahmen

Util drenaje marco
Narzedzie do drenazy oscieznic
Utensile per drenaggio telaio

Gereedschap voor hoekverbinding
Outillage pour connection d'equerre
Tool for corner connection
Werkzeug fuer Eckverbindung

Util union esquina
Narzedzie do polaczen narozynych
Utensile per connessioni d'angolo

Gereedschap voor montage
Outillage pour montage
Tool for assembly
Werkzeug für Montage

Util para colocacion
Narzedzie do montazu
Utensile assemblaggio

Gereedschap voor deursluiter
Outillage pour fermeture porte
Tool for door closer
Werkzeug für Türschliesser

Util para cierrapuertas
Narzedzie do samozamykacza drzwiowego
Utensile chiu di porta

Gereedschap voor scharnieren
Outillage pour charnieres
Tool for hinges
Werkzeug für Bänder

Util para bisagras
Narzedzie do zawiasy
Utensile cerniere

Gereedschap voor sloten
Outillage pour fermetures
Tool for locks
Werkzeug für Schlösser

Util para cerraduras
Narzedzie do zamka
Utensile serrature

Gereedschap voor wisselprofielen
Outillage pour chicanes
Tool for sections
Werkzeug für Wechselprofile

Util para encuentros centrales
Narzedzie do przekrojow
Utensile chicanes

Gereedschap voor beglazing
Outillage pour vitrage
Tool for glazing
Werkzeug für Verglasung

Util para acristalamiento
Narzedzie do przeszklen
Utensile vetro

Gereedschap voor diverse toepassingen
Outillage pour applications divers
Tool for miscellaneous applications
Werkzeug für diverse Anwendungen

Utiles para varias aplicaciones
Narzedzie do montazu elementow uzupelniajacych
Utensile vari

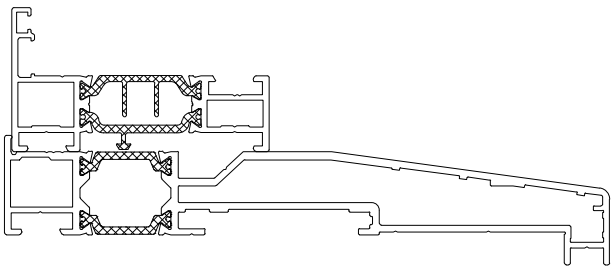
	Gereedschap voor dichtingen Outillage pour joints Tool for gaskets Werkzeug für Dichtungen	Util para juntas Narzedzie do uszczelki Utensile guarnizioni
	Gereedschap voor bevestiging wielen Outillage pour fixation des roulettes Tool for fixation rollers Werkzeug für Befestigung Laufräder	Util para fijación de ruletas Narzedzie do montazu wozkow Utensile carrelli
	Gereedschap voor ontwatering vleugels Outillage pour drainage ouvrants Tool for drainage vents Werkzeug für Entwässerung Flügel	Util para drenaje hoja Narzedzie do drenazu skrzydla Utensile drenaggio anta
	Uitfrezing voor inbouw bovenspeun in kozijn Fraisage pour encastrement gond supérieur dans la fenêtre Milling for building in upper pivot in window Ausfräsung für Einbau eines oberen Lagers im Rahmen	Fresado para pivotante en marco superior Frez do montazu gornego sworznia w oknie Lavorazioni super. finestra pivottante
	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 montazu dolnego sworznia w skrzydle Lavorazioni infer. finestra pivottante
	Uitfrezing voor inbouw bovenspeun in vleugel Fraisage pour encastrement gond supérieur dans l'ouvrant Milling for building in upper pivot in vent Ausfräsung für Einbau eines oberen Lagers im Flügel	Fresado para pivotante en hoja superior Frez do montazu gornego sworznia w skrzydle Lavorazione super. finestra pivottante
	Monteertafel Table de montage Assembly bench Montagetisch	Banco de montaje Stol montazowy Banco montaggio
	Elektrische aansluiting Fixation électrique Electric connection Elektrisches Anschluss	Conexión eléctrica Polaczenie elektryczne Connessione elettrica
	Compressor Compresseur Compressor Kompressor	Compresor Kompresor Compressore
	Kogel Dr. Hahn Bille Dr. Hahn Ball Dr. Hahn Kugel Dr. Hahn	Bola Dr. Hahn Kulka Dr. Hahn -
	Mechanische aansluiting Fixation mecanique Mechanical connection Mechanischer Anschluss	Conexión mecánica Polaczenie mechaniczne Fissaggio meccanico
	Pneumatische aandrijving Propulsion pneumatic Pneumatic drive Pneumatische Antrieb	Destornillador neumatico Pneumatyczny naped Cilindro pneumatica
	Ponsunit Unité d'étamper Punch unit Stanzeinheit	Punzon Wykrojnik Unita punzonatrice
	Land Pays Country Land	Pais Kraj Nazione
	Min. profiellengte Longueur min. de profilé Min. length of profile Min. Profillänge	Longitud mínima del perfil Minimalna dlugosc profilu Lunghezza minima profilo
	Max. profiellengte Longueur max. de profilé Max. length of profile Max. Profillänge	Longitud máxima del perfil Maksymalna dlugosc profilu Lunghezza max profilo
	Max. profielhoogte Hauteur max. de profilé Max. height of profiles Max. Profilhöhe	Altura máxima del perfil Maksymalna wysokosc profilu Max altezza
	Max. horizontale beweging Movement max. horizontale Max. horizontal movement Max. horizontale Versetzung	Movimiento horizontal máximo Maksymalny ruch poziomy Spostamento orizz. max
	Horizontaal hoekbereik Intervalle d'équerre horizontale Horizontal corner range Eckbereich Horizontal	Rango de corte a inglete horizontal Zakres katow poziomych Dimensione taglio orizz.
	Verticaal hoekbereik Intervalle d'équerre verticale Vertical corner range Eckbereich Vertikal	Rango de corte a inglete vertical Zakres katow pionowych Dimensione taglio vert.
	Motor Moteur Motor Antrieb	Motor Silownik napedowy Motore
	Gewicht Poids Weight Gewicht	Pesos Ciezar Peso
	Max. toerental Vitesse d'axe max. Max. spindle speed Max. Drehzahl	Velocidad de sierra Maksymalna predkosc obrotowa Velocita max lama

B

Reynaers Aluminium

Algemene informatie systemen
Généralités séries
General Information System
Allgemeine Information System

MAX. TOELAATBARE AFMETINGEN
DIMENSIONS MAX. ADMISSIBLE
MAX. ADMISSIBLE SIZES
MAX. ZULAESSIGE ABMESSUNGEN



B

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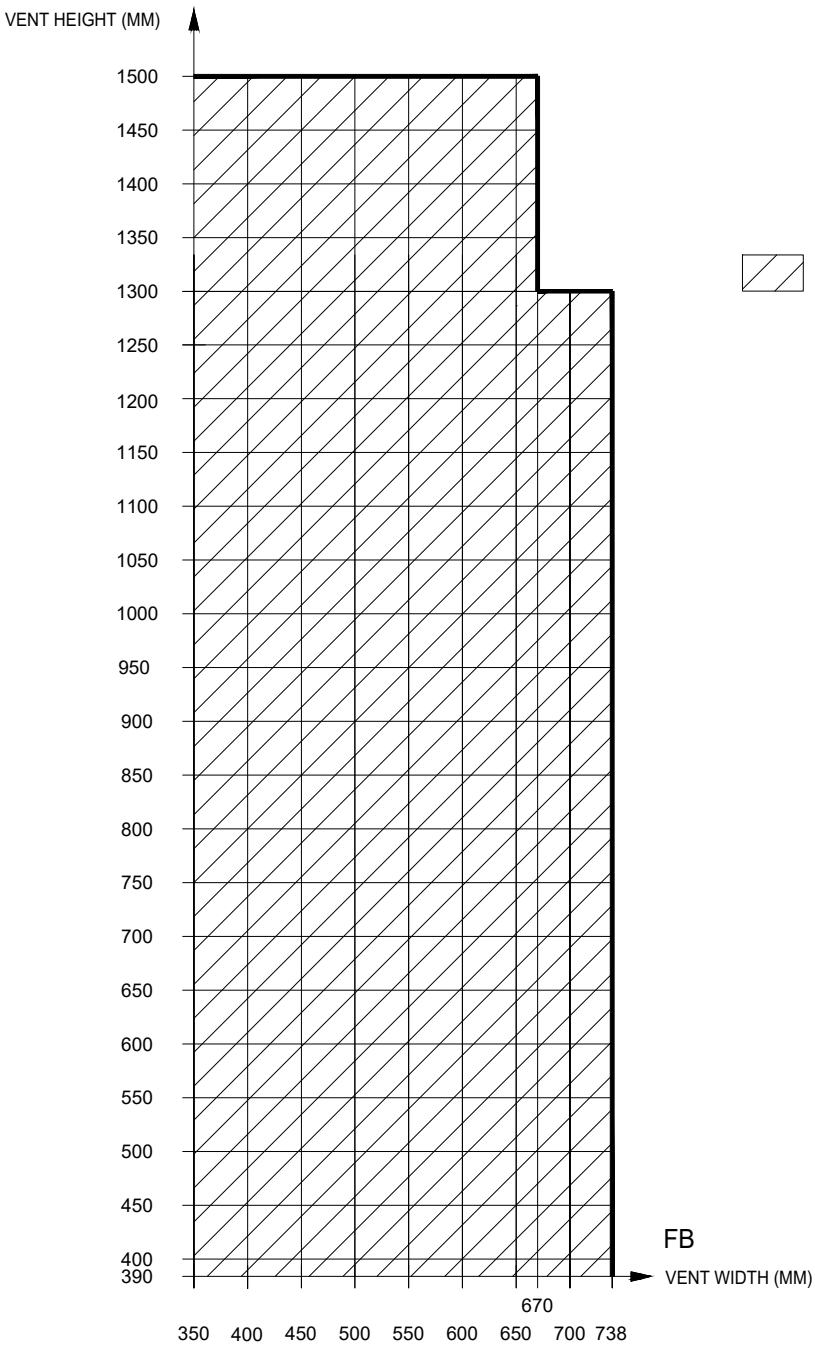
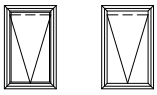
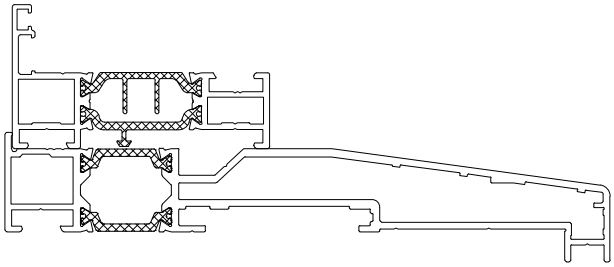
203.1314.XX



1600 PA DEFORMATION
900 PA WATERTIGHT
MAX. VENT WEIGHT **" F. ACCESS PAGES "**

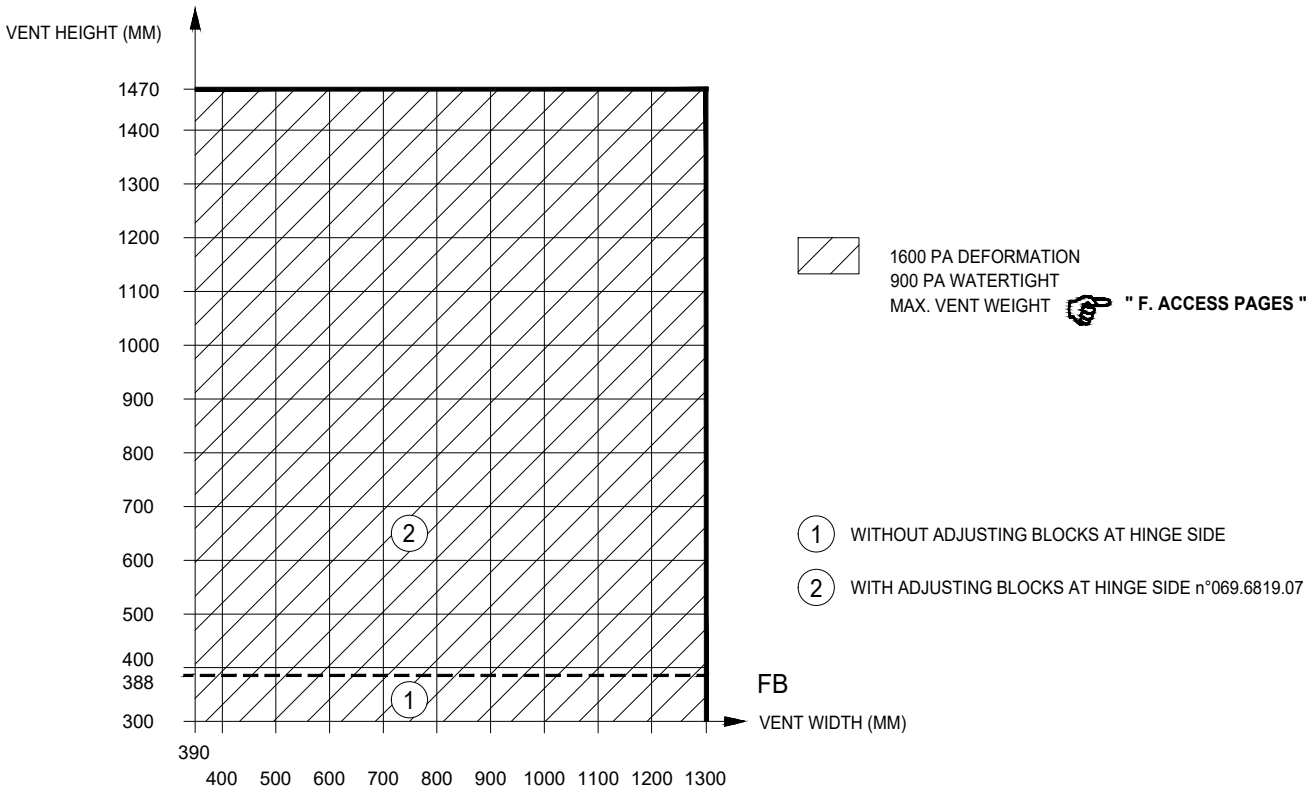


203.0492.XX
203.2492.XX
203.0502.XX
203.2502.XX
203.1014.XX
203.1314.XX

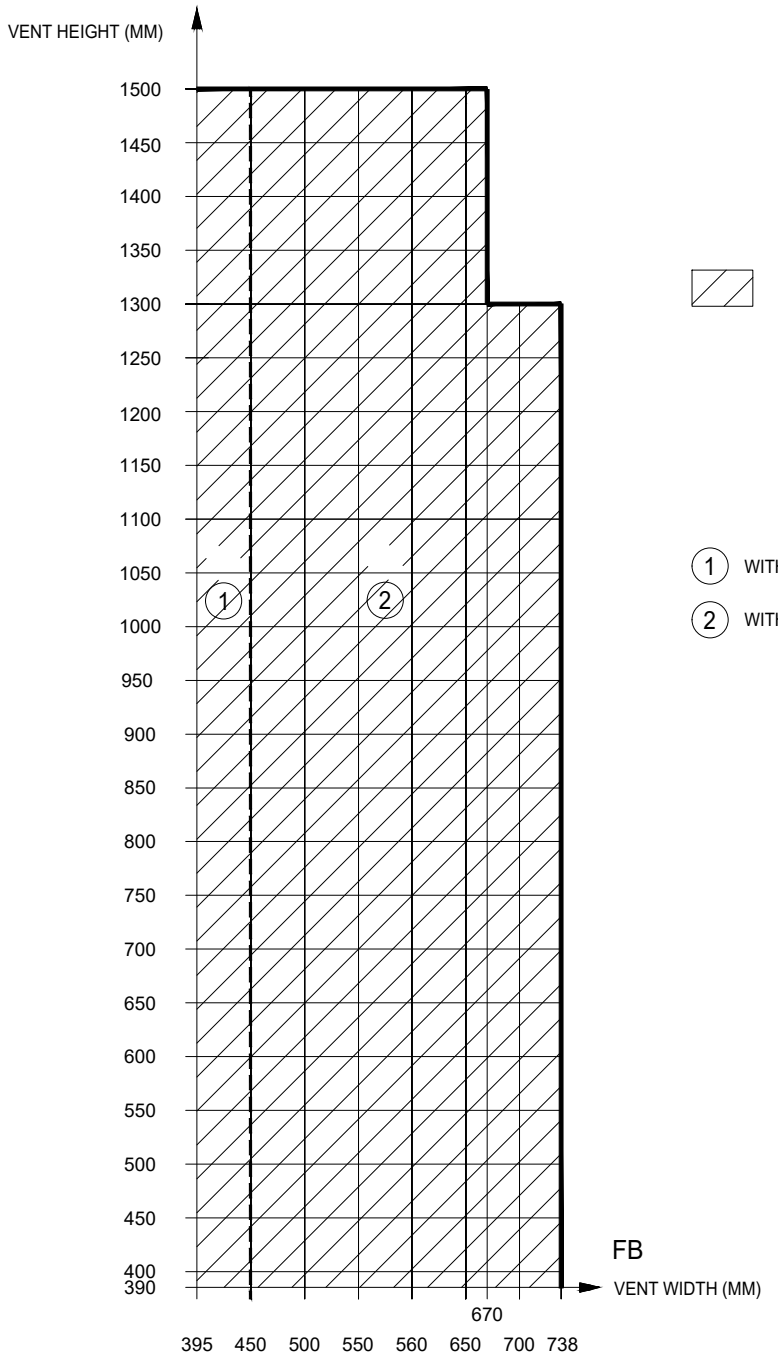


B

FH



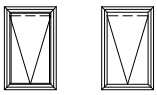
203.0492.XX
203.2492.XX
203.0502.XX
203.2502.XX
203.1014.XX
203.1314.XX



1600 PA DEFORMATION
900 PA WATERTIGHT
MAX. VENT WEIGHT **" F. ACCESS PAGES "**

1 WITHOUT ADJUSTING BLOCKS AT HINGE SIDE

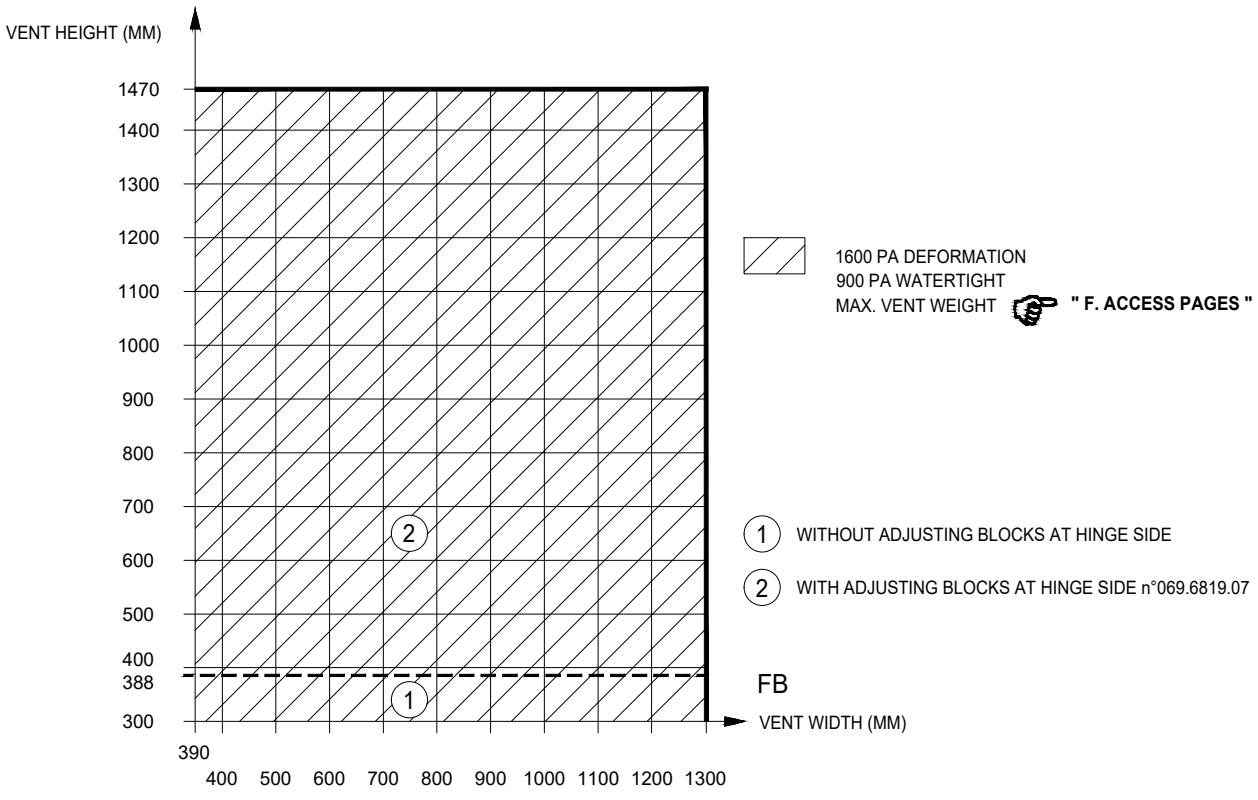
2 WITH ADJUSTING BLOCKS AT HINGE SIDE n°069.6819.07



203.0492.XX
203.2492.XX
203.0502.XX
203.2502.XX
203.1014.XX
203.1314.XX

B

FH



MAX. TOELAATBARE AFMETINGEN
DIMENSIONS MAX. ADMISSIBLE
MAX. ADMISSIBLE SIZES
MAX. ZULAESSIGE ABMESSUNGEN

C

Reynaers Aluminium

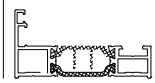
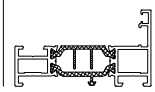
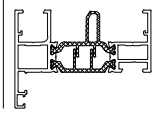
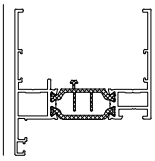
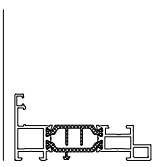
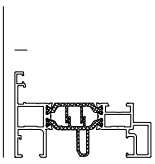
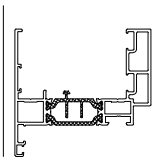
Profielen
Profilés
Profiles
Profile

Art. N°		
004.3846.XX	16K.C.003	D0100911
004.3846.XX	16K.C.021	D0100744
008.0019.XX	16K.C.002	D0100910
008.0019.XX	16K.C.019	D0100530
008.0020.XX	16K.C.002	D0100910
008.0020.XX	16K.C.019	D0100530
008.0021.XX	16K.C.002	D0100910
008.0021.XX	16K.C.020	D0100532
008.0022.XX	16K.C.002	D0100910
008.0022.XX	16K.C.020	D0100532
008.3132.XX	16K.C.002	D0100910
008.3132.XX	16K.C.017	D0100528
008.3178.XX	16K.C.002	D0100910
008.3178.XX	16K.C.018	D0100529
008.3895.XX	16K.C.002	D0100910
008.3895.XX	16K.C.016	D0100534
030.0019.XX	16K.C.003	D0100911
030.0019.XX	16K.C.021	D0100744
0M0.1304.XX	16K.C.001	D0100909
0M0.1304.XX	16K.C.011	D0101305
0M0.6012.XX	16K.C.001	D0100909
0M0.6012.XX	16K.C.011	D0101305
203.0047.XX	16K.C.001	D0100909
203.0047.XX	16K.C.009	D0100751
203.0048.XX	16K.C.001	D0100909
203.0048.XX	16K.C.009	D0100751
203.0049.XX	16K.C.001	D0100909
203.0049.XX	16K.C.010	D0100775
203.0050.XX	16K.C.001	D0100909
203.0050.XX	16K.C.010	D0100775
203.0100.XX	16K.C.002	D0100910
203.0100.XX	16K.C.015	D0100523
203.0106.XX	16K.C.001	D0100909
203.0106.XX	16K.C.005	D0100521
203.0116.XX	16K.C.001	D0100909
203.0116.XX	16K.C.005	D0100521
203.0156.XX	16K.C.015_02.004	D3009313
203.0216.XX	16K.C.001	D0100909
203.0216.XX	16K.C.005	D0100521
203.0218.XX	16K.C.001	D0100909
203.0218.XX	16K.C.007	D0100527
203.0220.XX	16K.C.001	D0100909
203.0220.XX	16K.C.006	D0100525
203.0404.XX	16K.C.002	D0100910
203.0404.XX	16K.C.015_02.003	D3009347
203.0414.XX	16K.C.002	D0100910
203.0414.XX	16K.C.015	D0100523
203.0419.XX	16K.C.002	D0100910
203.0419.XX	16K.C.014	D0100522
203.0424.XX	16K.C.002	D0100910
203.0424.XX	16K.C.015_02.001	D3000613
203.0429.XX	16K.C.002	D0100910
203.0429.XX	16K.C.014	D0100522
203.0434.XX	16K.C.002	D0100910
203.0434.XX	16K.C.015_02.001	D3000613
203.0441.XX	16K.C.001	D0100909
203.0441.XX	16K.C.008	D0100526
203.0444.XX	16K.C.002	D0100910
203.0444.XX	16K.C.015_02.002	D3000614
203.0449.XX	16K.C.001	D0100909
203.0449.XX	16K.C.007	D0100527
203.0451.XX	16K.C.001	D0100909
203.0451.XX	16K.C.008	D0100526
203.0454.XX	16K.C.002	D0100910
203.0454.XX	16K.C.015_02.002	D3000614
203.0492.XX	16K.C.001	D0100909
203.0492.XX	16K.C.012	D0100519
203.0502.XX	16K.C.001	D0100909
203.0502.XX	16K.C.013	D0100524
203.0600.XX	16K.C.003	D0100911

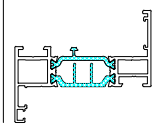
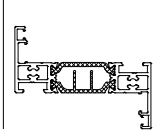
Art. N°		
203.0600.XX	16K.C.023	D0100539
203.0602.XX	16K.C.003	D0100911
203.0602.XX	16K.C.023	D0100539
203.0604.XX	16K.C.003	D0100911
203.0604.XX	16K.C.023	D0100539
203.0606.XX	16K.C.003	D0100911
203.0606.XX	16K.C.023	D0100539
203.0608.XX	16K.C.003	D0100911
203.0608.XX	16K.C.023	D0100539
203.0609.XX	16K.C.003	D0100911
203.0609.XX	16K.C.023	D0100539
203.0610.XX	16K.C.003	D0100911
203.0610.XX	16K.C.023	D0100539
203.0890.XX	16K.C.001	D0100909
203.0890.XX	16K.C.006	D0100525
203.0896.XX	16K.C.001_02.001	D3004858
203.0896.XX	16K.C.023_02.001	D3000615
203.1014.XX	16K.C.001_02.001	D3004858
203.1014.XX	16K.C.011_02.001	D3009348
203.1314.XX	16K.C.001_02.001	D3004858
203.1314.XX	16K.C.011_02.001	D3009348
203.1500.07	16K.C.003	D0100911
203.1500.07	16K.C.022	D0100540
203.1501.00	16K.C.015_02.005	D3009349
203.2492.XX	16K.C.001_02.001	D3004858
203.2492.XX	16K.C.012	D0100519
203.2502.XX	16K.C.001_02.001	D3004858
203.2502.XX	16K.C.013	D0100524
203.3701.XX	16K.C.003	D0100911
203.3701.XX	16K.C.023	D0100539

C

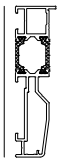
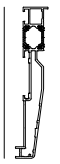
KADERPROFIEL
PROFILE DORMANT
FRAME PROFILE
BLENDRAHMENPROFIL

		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0106.XX		19.52	6.3	7.00	10.752	1.828
203.0116.XX		23.40	7.3	7.00	12.202	2.295
203.0449.XX		31.03	8.6	7.00	15.164	4.335
203.0890.XX		45.60	13.4	7.00	20.402	12.510
203.0216.XX		26.73	7.4	7.00	20.667	2.624
203.0218.XX		34.43	11.8	7.00	27.172	5.312
203.0220.XX		69.88	69.9	7.00	31.363	17.835

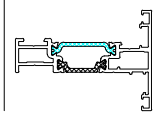
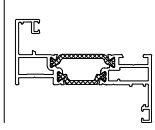
Z-PROFIEL
PROFILE-Z
Z-PROFILE
Z-PROFIL

		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0441.XX		28.08	8.2	7.00	14.810	4.150
203.0451.XX		26.74	7.7	7.00	14.643	1.886

DORPEL
SEUIL
SILL
SCHWELLE

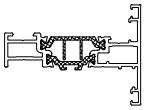
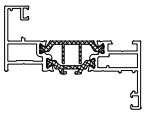
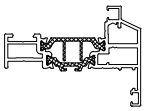
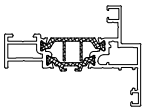
		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0047.XX		28.02	8.6	7.00	28.566	2.349
203.0048.XX		42.32	23.3	7.00 3.00	112.465	4.538
203.0049.XX		49.85	27.3	7.00 3.00	227.806	6.162
203.0050.XX		57.85	31.5	7.00 3.00	395.935	7.380
0M0.1304.XX		26.80	13.8	6.00	73.233	0.069
0M0.6012.XX		14.40	8.4	6.00	21.600	0.864

VLEUGEL
OUVRANT
VENT
FLUEGEL

		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0492.XX		27.13	8.3	7.00	12.713	3.076
203.0502.XX		28.85	8.4	7.00	13.860	4.049

C

VLEUGEL HI
OUVRANT HI
VENT HI
FLUEGEL HI

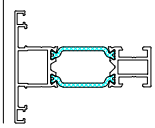
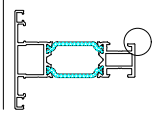
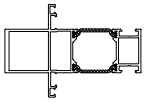
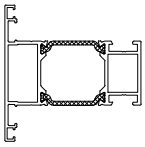
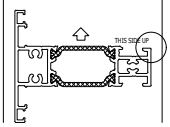
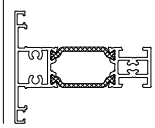
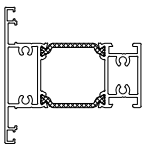
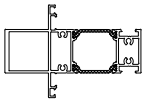
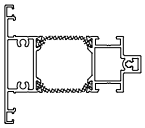
		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.2492.XX		28.23	8.2	7.00	12.713	3.076
203.2502.XX		28.85	8.8	7.00	13.860	4.049
203.1014.XX		25.30	9.1	7.00	12.611	3.758
203.1314.XX		28.01	9.3	7.00	11.736	3.273

VERBREDINGSPROFIEL
PROFILE D'ELARGISSEMENT
ENLARGING PROFILE
VERBREITERUNGSPROFIL

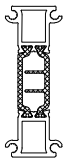
		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0896.XX		19.57	4.1	7.00	13.354	0.792

C

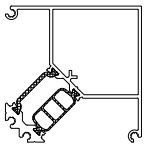
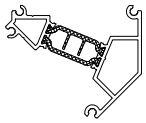
T-PROFIEL
TRAVERSE
TRANSOM-MULLION
SPROSSE

		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0419.XX		27.74	9.4	7.00	14.160	4.494
203.0429.XX		27.55	9.3	7.00	13.987	4.471
203.0100.XX		36.47	17.4	7.00	39.825	12.678
203.0414.XX		30.14	11.1	7.00	17.496	9.732
203.0424.XX		27.55	8.6	7.00	15.601	2.774
203.0434.XX		27.74	8.7	7.00	15.774	2.788
203.0444.XX		30.14	11.1	7.00	19.846	6.234
203.0454.XX		36.50	17.4	7.00	54.438	13.352
203.0404.XX		33.44	13.7	7.00	24.343	10.296

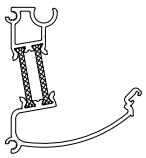
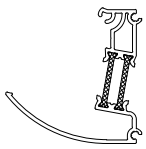
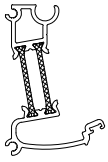
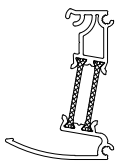
KOPPELPROFIEL
PROFILE DE RACCORDEMENT
CONNECTION PROFILE
KUPPLUNGSPROFIL

		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
008.3895.XX		18.66	4.1	7.00	12.418	1.271

HOEKPROFIEL
PROFILE D'ANGLE
CORNER PROFILE
ECKPROFIL

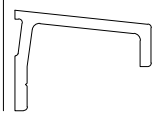
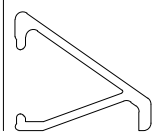
		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
008.3132.XX		38.22	15.7	7.00	26.923	26.924
008.3178.XX		28.32	7.7	7.00	14.184	6.704

HOEKPROFIEL VARIABEL
PROFILE D'ANGLE VARIABLE
VARIABLE CORNER PROFILE
VARIABELES ECKPROFIL

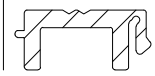
		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
008.0019.XX		35.05	7.3	7.00	15.442	13.292
008.0020.XX		36.26	9.6	7.00	18.221	13.201
008.0021.XX		29.18	4.7	7.00	15.354	4.406
008.0022.XX		30.30	7.4	7.00	17.864	4.314

C

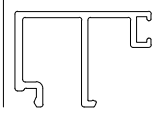
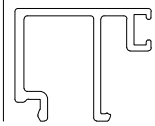
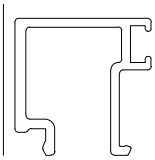
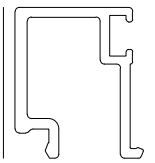
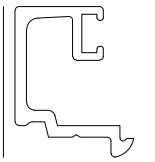
CONDENSATIEGOOT + DRUPNEUS
RECUPERATEUR D'EAU + REJET D'EAU
CONDENSATION GUTTER + DRIP CAP
RINNE KONDENSATION + WETTERSCHENKEL

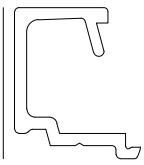
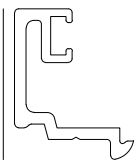
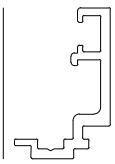
		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
004.3846.XX		7.39	5.9	6.00	0.074	0.257
030.0019.XX		8.62	2.7	7.00	0.138	0.186

KLIPSPROFIEL
CLIP
CLIP PROFILE
ABDECKPROFIL

		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.1500.07		-	-	6.00	0.004	0.027

GLASLAT
PARCLOSE
GLAZING BEAD
GLASLEISTE

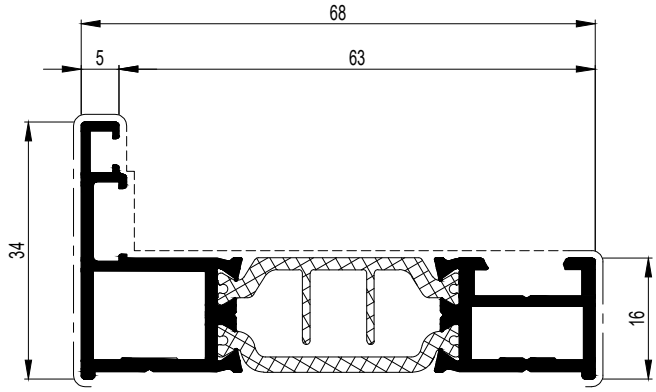
		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0600.XX		15.34	4.2	7.00	0.344	0.664
203.0602.XX		14.52	3.8	7.00	0.323	0.469
203.0604.XX		12.84	3.4	7.00	0.293	0.318
203.0606.XX		11.79	3.0	7.00	0.268	0.222
203.0608.XX		10.58	2.9	7.00	0.309	0.150

		A dm²/m	P dm²/m	Lm	Ix cm⁴	Iy cm⁴
203.0609.XX		9.40	2.7	7.00	0.296	0.140
203.0610.XX		9.78	2.5	7.00	0.265	0.128
203.3701.XX		9.80	2.3	7.00	0.375	0.090

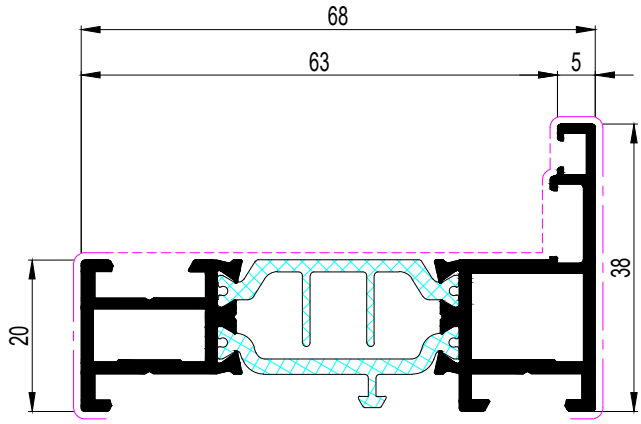
C

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0106.XX	19.52	6.3	7.00	10.752	2.832	37.97	1.828	0.778	10.59
203.0116.XX	23.40	7.3	7.00	12.202	3.177	38.41	2.295	0.921	13.29
203.0216.XX	26.73	7.4	7.00	20.667	4.789	43.16	2.624	1.012	12.28

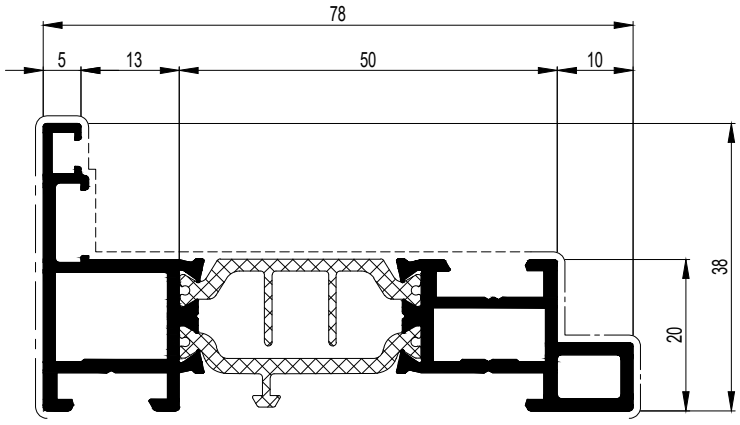
203.0106.XX

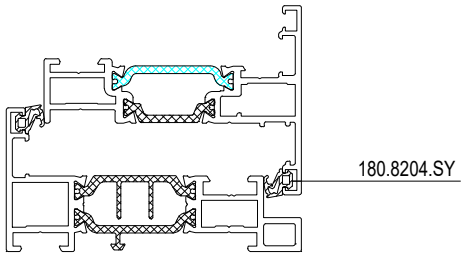


203.0116.XX



203.0216.XX





203.0106.XX	
068.7466.00 068.7467.00	095.H800.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00
060.8727.00	

203.0116.XX	
068.7466.00 068.7467.00	095.H800.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00 of-ou-or-oder 097.0164.00
060.8727.00	

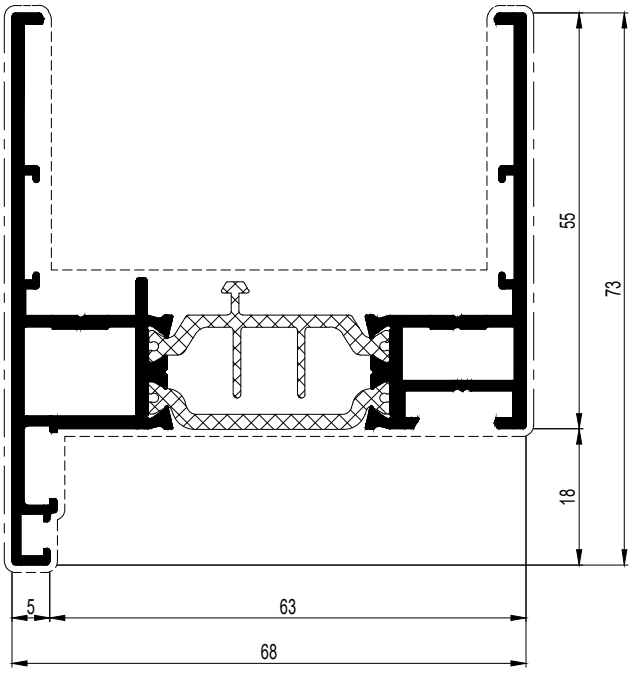
203.0216.XX	
068.7466.00 068.7467.00	095.H800.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00 of-ou-or-oder 097.0164.00
060.8727.00	

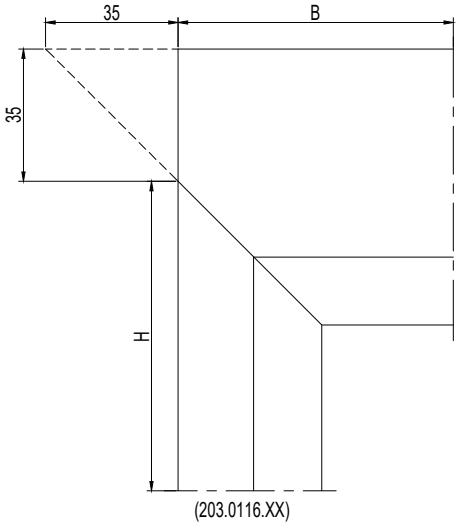
SL 68

BUITENKADER VENTILATIE ROOSTER
DORMANT GRILLE DE VENTILATION
OUTER FRAME VENTILATION GRILLE
BLENDRAHMEN LÜFTUNSGITTER

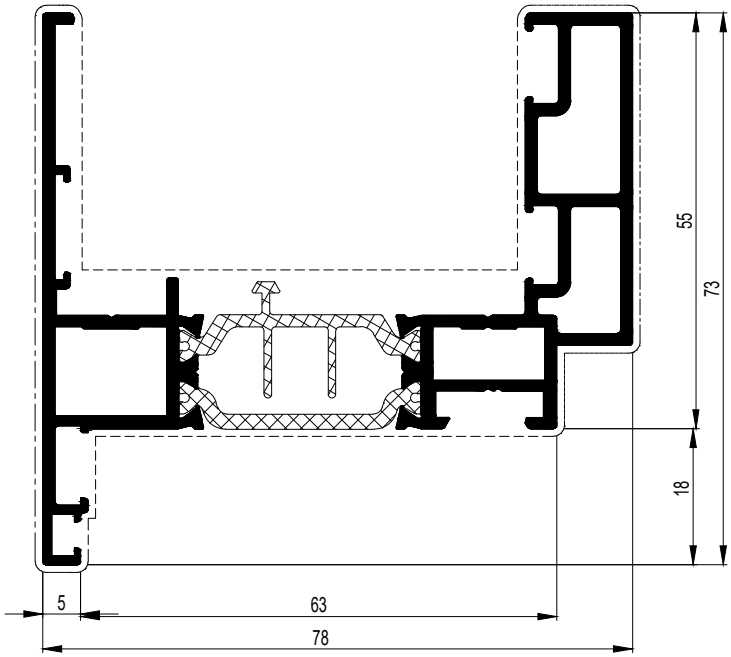
	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0890.XX	45.60	13.4	7.00	20.402	5.518	36.97	12.510	3.183	33.90
203.0220.XX	69.88	69.9	7.00	31.363	7.690	37.22	17.835	4.744	35.41

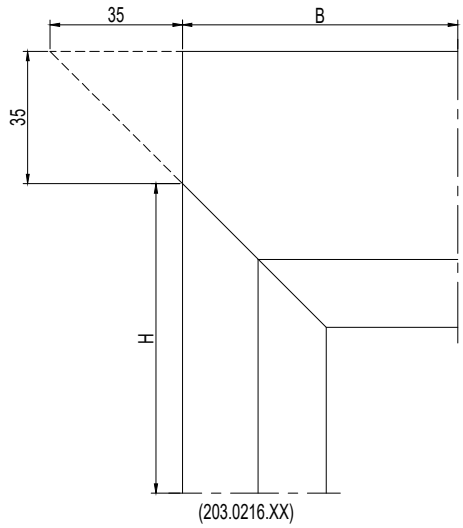
203.0890.XX





203.0220.XX



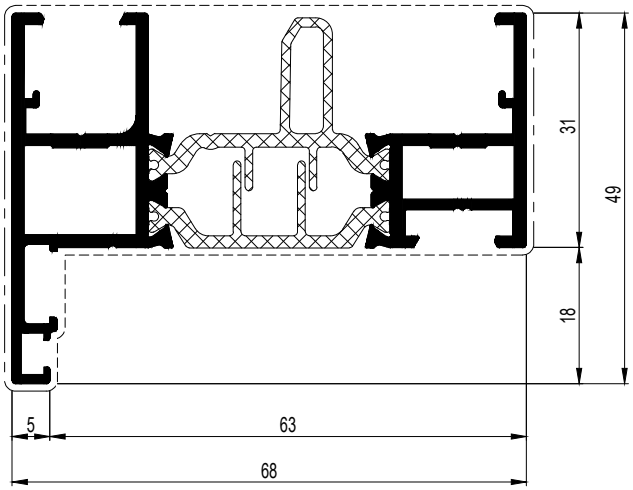


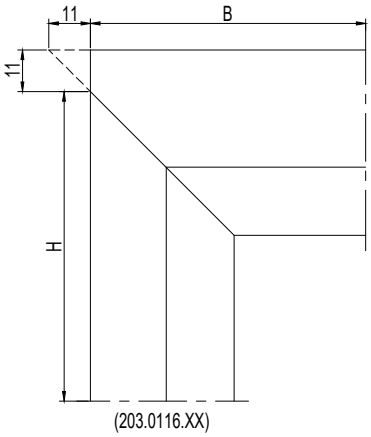
203.0890.XX	
068.7466.00 068.7467.00	095.H800.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00 of-ou-or-oder 097.0164.00
060.8727.00	---

203.0220.XX	
068.7466.00 068.7467.00	095.H800.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00 of-ou-or-oder 097.0164.00
060.8727.00	---

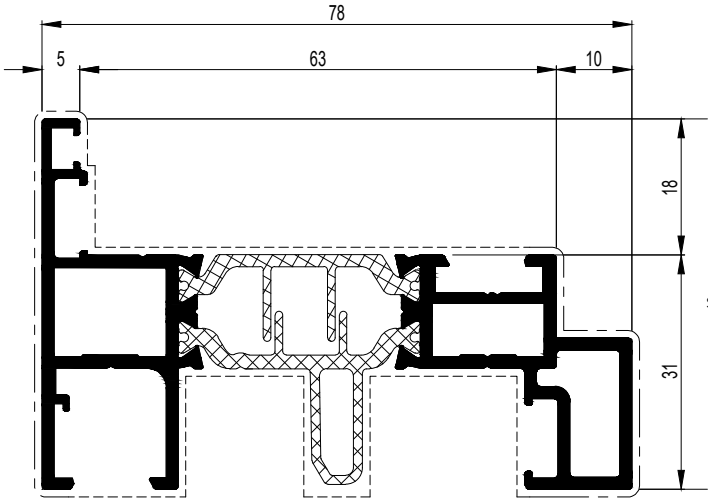
	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0449.XX	31.03	8.6	7.00	15.164	3.943	38.46	4.335	1.542	28.11
203.0218.XX	34.43	11.8	7.00	27.172	6.483	41.92	5.312	1.790	19.53

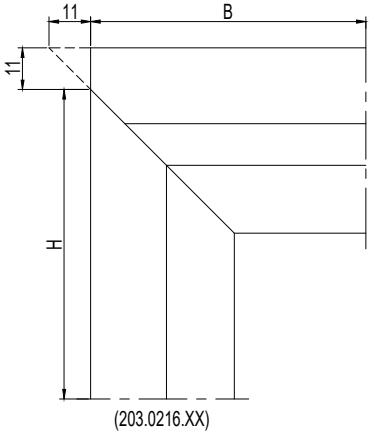
203.0449.XX





203.0218.XX





203.0449.XX	
068.7466.00 068.7467.00	095.H800.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00 of-ou-or-oder 097.0164.00
060.8727.00	---

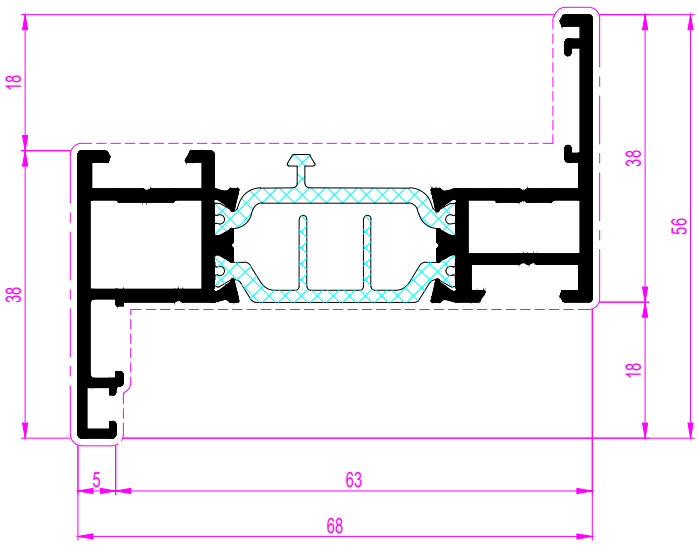
203.0218.XX	
068.7466.00 068.7467.00	095.H800.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00 of-ou-or-oder 097.0164.00
060.8727.00	---

SL 68

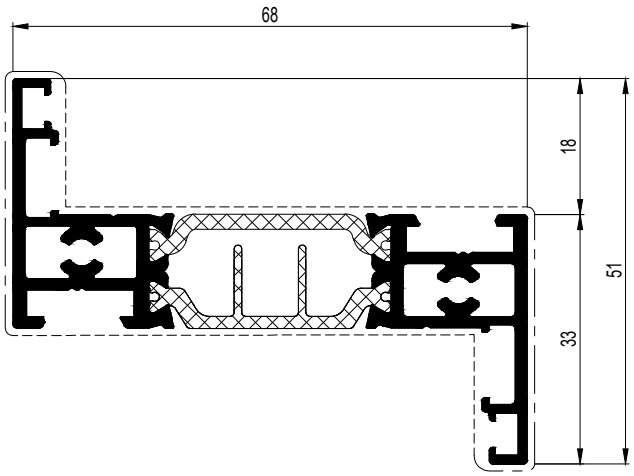
Z-PROFIEL
PROFILE-Z
Z-PROFILE
Z-PROFIL

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0441.XX	28.08	8.2	7.00	14.810	4.288	34.54	4.150	1.435	27.28
203.0451.XX	26.74	7.7	7.00	14.643	4.307	34.00	1.886	0.739	25.50

203.0441.XX



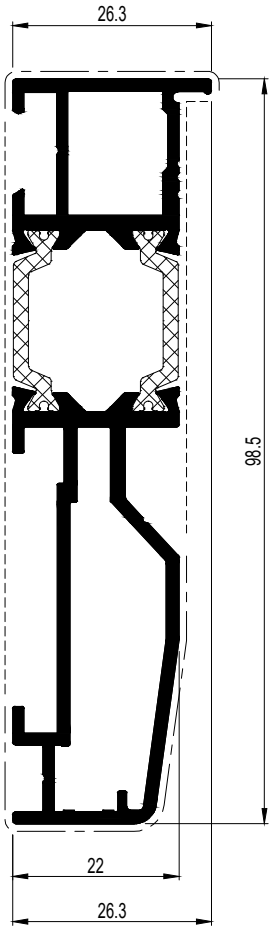
203.0451.XX



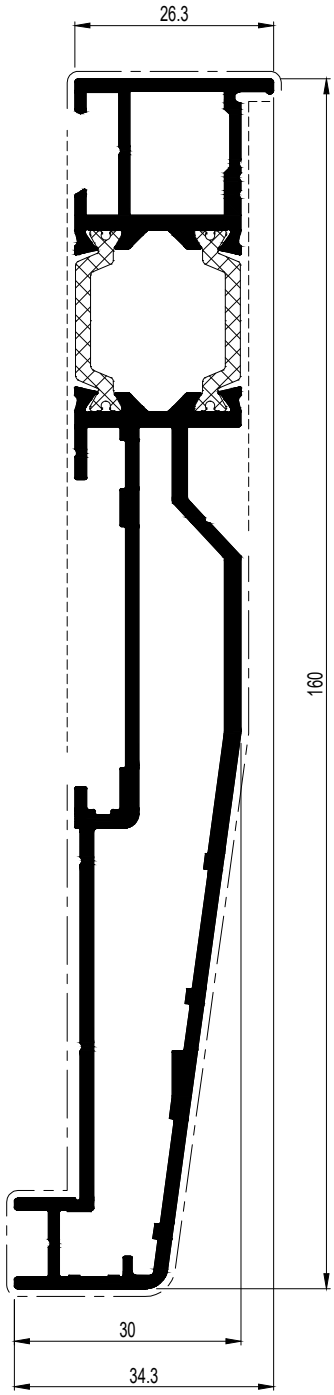
203.0441.XX	
068.7466.00 068.7467.00	095.B500.00
068.7466.00 068.7467.00	095.B500.00
068.7532.00 068.7533.00 050.5015.-- (2x) 050.5131.-- (2x)	197.C900.00 of-ou-or-oder 097.0164.00
060.8727.00	---

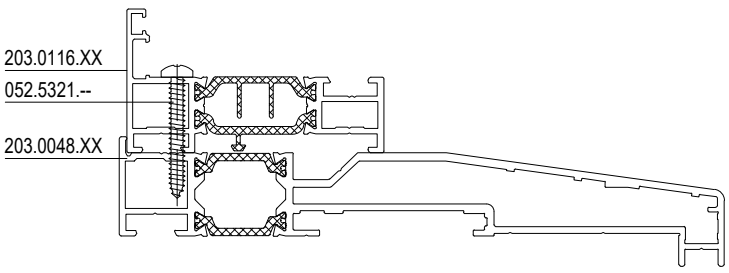
	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0047.XX	28.02	8.6	7.00	28.566	5.512	51.82	2.349	1.583	14.84
203.0048.XX	42.32	23.3	7.00	112.465	13.659	82.34	4.538	2.469	16.13

203.0047.XX



203.0048.XX





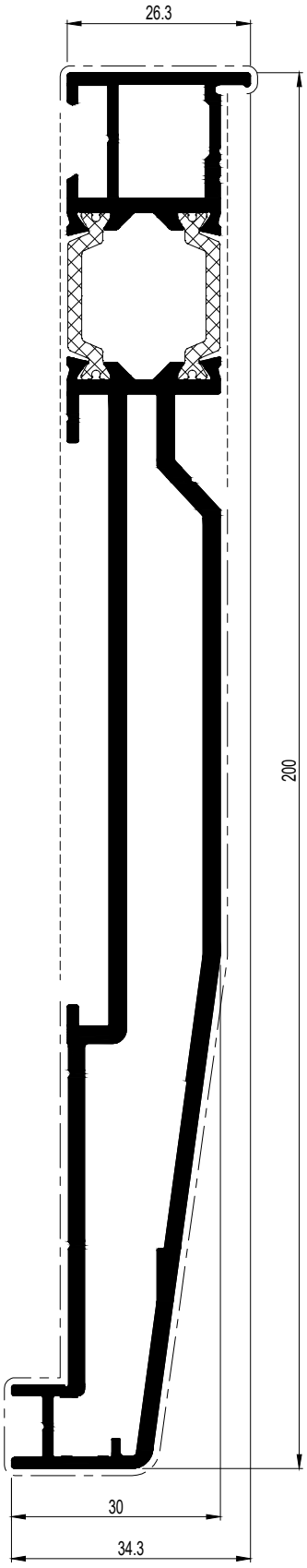
C

SL 68

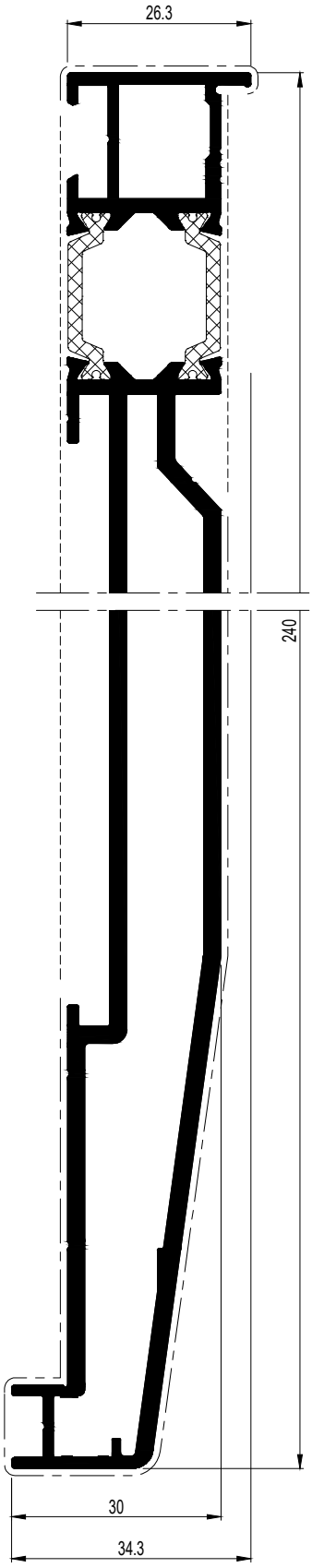
ONDERDORPEL
SEUIL
SILL
BASISPROFIL

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0049.XX	49.85	27.3	7.00	227.806	22.705	100.33	6.162	3.246	15.53
203.0050.XX	57.85	31.5	7.00	395.935	32.545	119.00	7.380	3.803	15.10

203.0049.XX



203.0050.XX



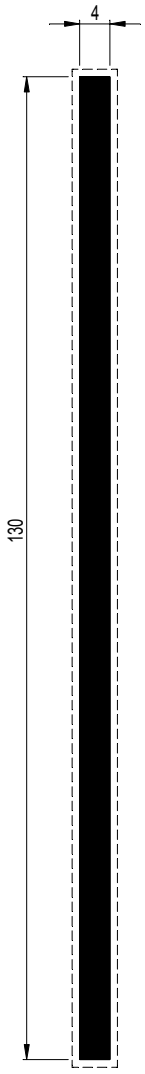
C

SL 68

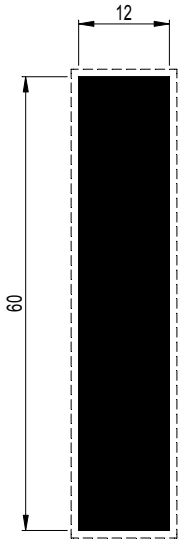
ONDERDORPEL
SEUIL
SILL
BASISPROFIL

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
0M0.1304.XX	26.80	13.8	6.00	73.233	11.267	65.00	0.069	0.347	2.00
0M0.6012.XX	14.40	8.4	6.00	21.600	7.200	30.00	0.864	1.440	6.00

0M0.1304.XX



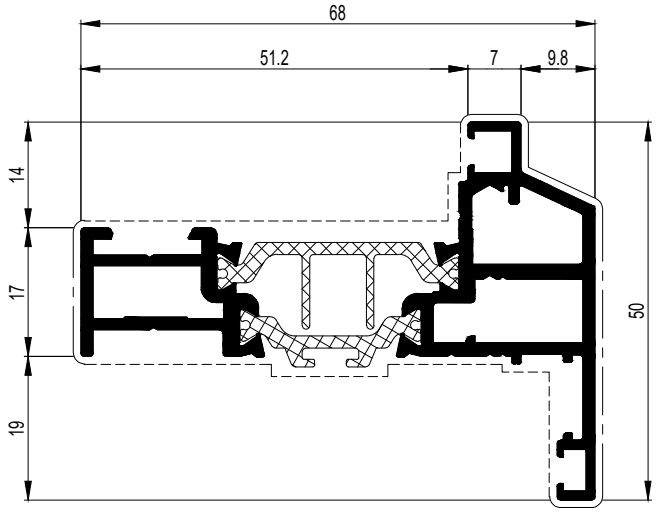
0M0.6012.XX



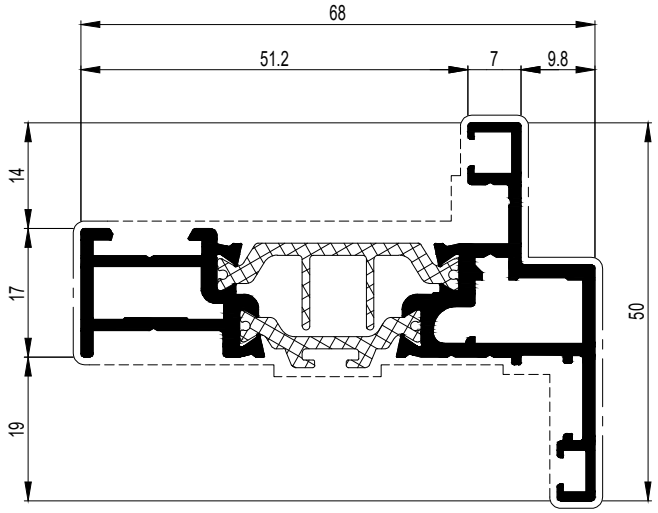
C

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.1014.XX	25.30	9.1	7.00	12.611	3.044	26.57	3.758	1.371	27.42
203.1314.XX	28.01	9.3	7.00	11.736	2.948	28.19	3.273	1.239	26.41

203.1014.XX



203.1314.XX



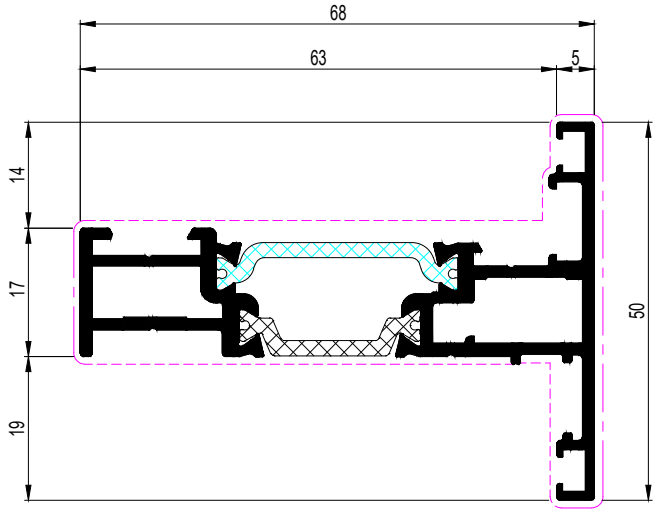
C

203.1014.XX	
068.7464.00 068.7465.00	095.H800.00
068.7464.00 068.7465.00	095.B500.00
068.7530.00 068.7531.00 050.5015.-- (2x) 050.5130.-- (2x)	097.0230.00
060.8721.00	

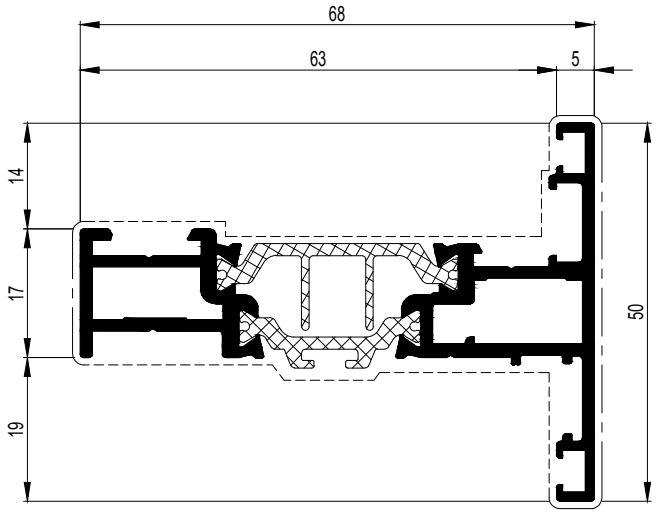
203.1314.XX	
068.7464.00 068.7465.00	095.H800.00
068.7464.00 068.7465.00	095.B500.00
068.7530.00 068.7531.00 050.5015.-- (2x) 050.5130.-- (2x)	
060.8721.00	

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0492.XX	27.13	8.3	7.00	12.713	3.114	27.39	3.076	1.172	23.97
203.2492.XX	28.23	8.2	7.00	12.713	3.122	27.28	3.076	1.177	26.13

203.0492.XX



203.2492.XX

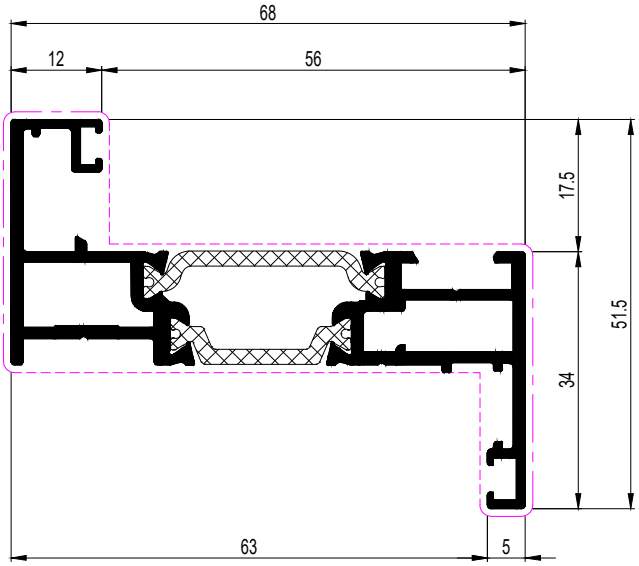


203.0492.XX	
068.7464.00 068.7465.00	095.H800.00
068.7464.00 068.7465.00	095.B500.00
068.7530.00 068.7531.00 050.5015.-- (2x) 050.5130.-- (2x)	197.C900.00 of-ou-or-oder 097.0230.00
060.8721.00	

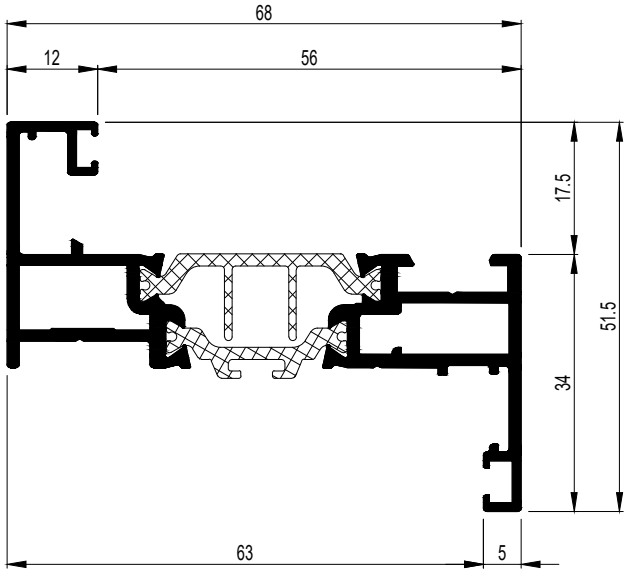
203.2492.XX	
068.7464.00 068.7465.00	095.H800.00
068.7464.00 068.7465.00	095.B500.00
068.7530.00 068.7531.00 050.5015.-- (2x) 050.5130.-- (2x)	197.C900.00 of-ou-or-oder 097.0230.00
060.8721.00	

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.2502.XX	28.85	8.8	7.00	13.860	4.074	34.02	4.049	1.496	27.07
203.0502.XX	28.85	8.4	7.00	13.860	4.062	34.13	4.049	1.490	24.53

203.0502.XX



203.2502.XX

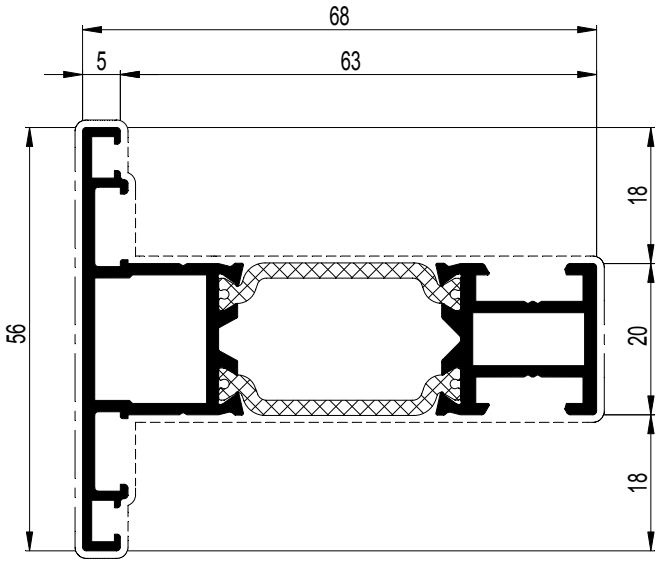


203.2502.XX	
068.7464.00 068.7465.00	095.H800.00
068.7464.00 068.7465.00	095.B500.00
068.7530.00 068.7531.00 050.5015.-- (2x) 050.5130.-- (2x)	197.C900.00 of-ou-or-oder 097.0230.00
060.8721.00	

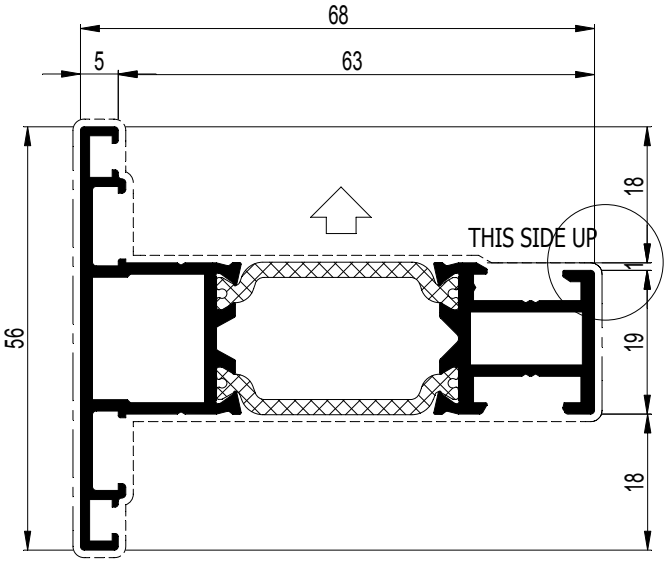
203.0502.XX	
068.7464.00 068.7465.00	095.H800.00
068.7464.00 068.7465.00	095.B500.00
068.7530.00 068.7531.00 050.5015.-- (2x) 050.5130.-- (2x)	197.C900.00 of-ou-or-oder 097.0230.00
060.8721.00	

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0419.XX	27.74	9.4	7.00	14.160	3.551	28.34	4.494	1.599	28.10
203.0429.XX	27.55	9.3	7.00	13.987	3.490	28.13	4.471	1.587	28.16

203.0419.XX



203.0429.XX



ENKEL GEBRUIKEN BIJ VLEUGELHOOGTE 300 - 388 MM TOP HUNG
A UTILISER UNIQUEMENT POUR UNE HAUTEUR D'OUVRANT 300 - 388 MM TOP HUNG
ONLY USE FOR VENT HEIGHT 300 - 388 MM TOP HUNG
NUR VERWENDEN FÜR EINE FLÜGELHÖHE 300 - 388 MM TOP HUNG

203.0419.XX	
068.9028.00 or 068.9030.00 060.8727.00 (2x)	197.C900.00 of-ou-or-oder 097.0181.00

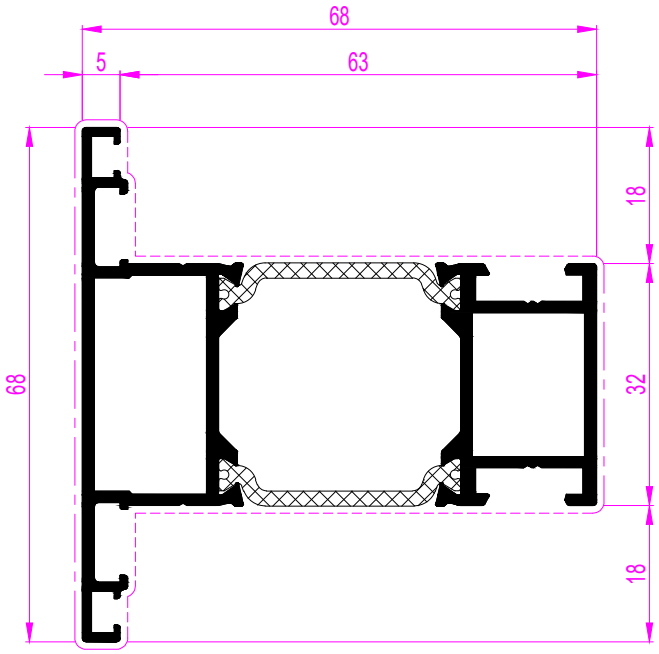
203.0429.XX	
068.9028.00 or 068.9030.00 060.8727.00 (2x)	197.C900.00 of-ou-or-oder 097.0181.00

SL 68

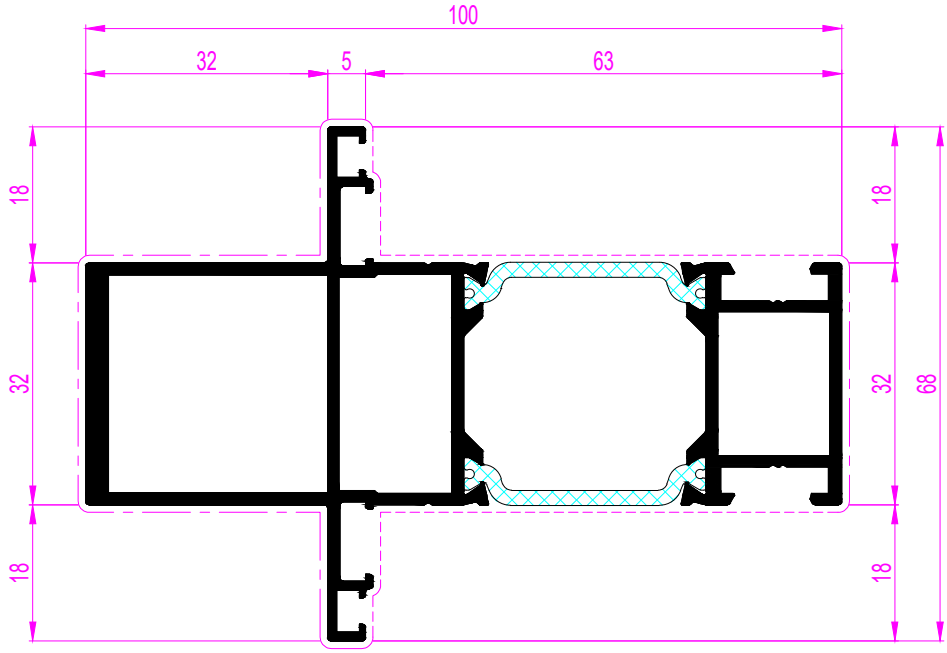
T-PROFIEL
TRAVERSE
TRANSOM-MULLION
SPROSSE

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0414.XX	30.14	11.1	7.00	17.496	4.495	29.28	9.732	2.854	34.10
203.0100.XX	36.47	17.4	7.00	39.825	7.310	54.48	12.678	3.718	34.10

203.0414.XX



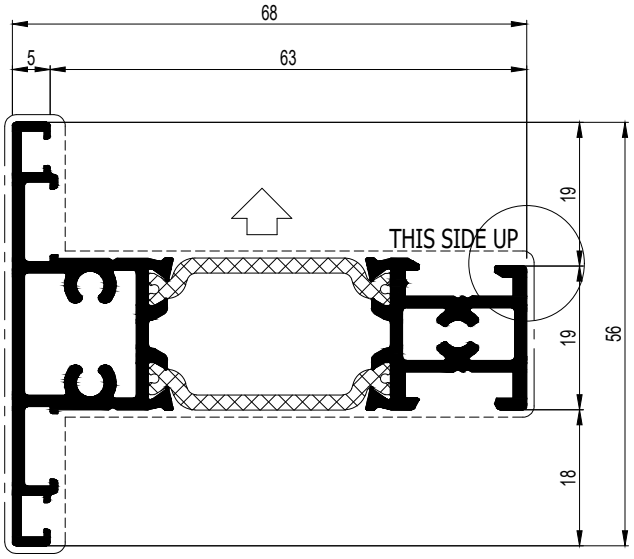
203.0100.XX



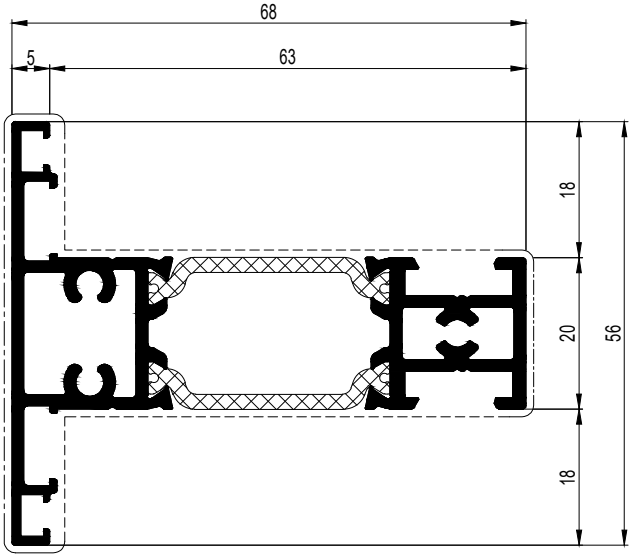
203.0414.XX		203.0100.XX	
068.9032.00	197.C900.00 of-ou-or-oder	068.9032.00	197.C900.00 of-ou-or-oder
060.8727.00 (2x)	097.0181.00	060.8727.00 (2x)	097.0181.00

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0424.XX	27.55	8.6	7.00	15.601	3.887	40.14	2.774	0.989	27.95
203.0434.XX	27.74	8.7	7.00	15.774	3.948	39.95	2.788	0.996	28.00

203.0424.XX



203.0434.XX



203.0424.XX	
060.8727.00 (2x) 052.5318.-- (3x)	097.0331.00
068.9024.00 052.5327.-- (2x) 052.5312.-- (2x) 068.9029.00 052.5318.-- (2x) 051.5273.-- (2x) 060.8727.00 052.5318.-- (3x)	 097.0331.00 097.0332.00 097.0333.00

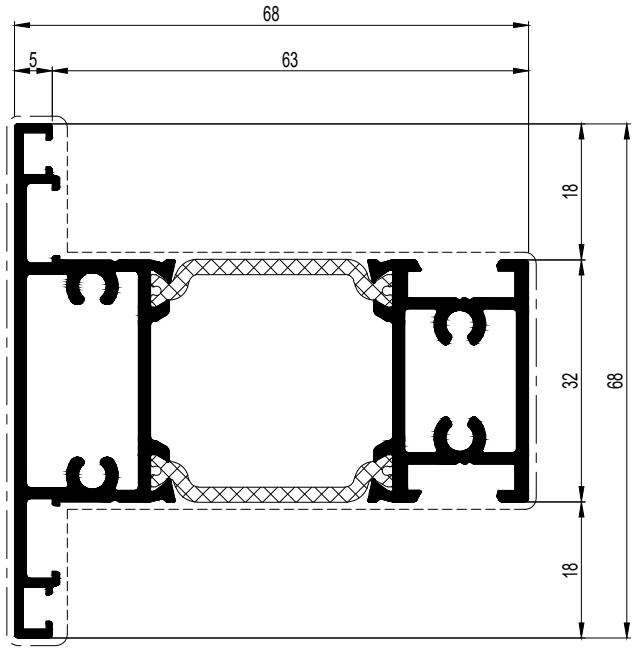
203.0434.XX	
060.8727.00 (2x) 052.5318.-- (3x)	097.0331.00
068.9024.00 052.5327.-- (2x) 052.5312.-- (2x) 068.9029.00 052.5318.-- (2x) 051.5273.-- (2x) 060.8727.00 052.5318.-- (3x)	 097.0331.00 097.0332.00 097.0333.00

C

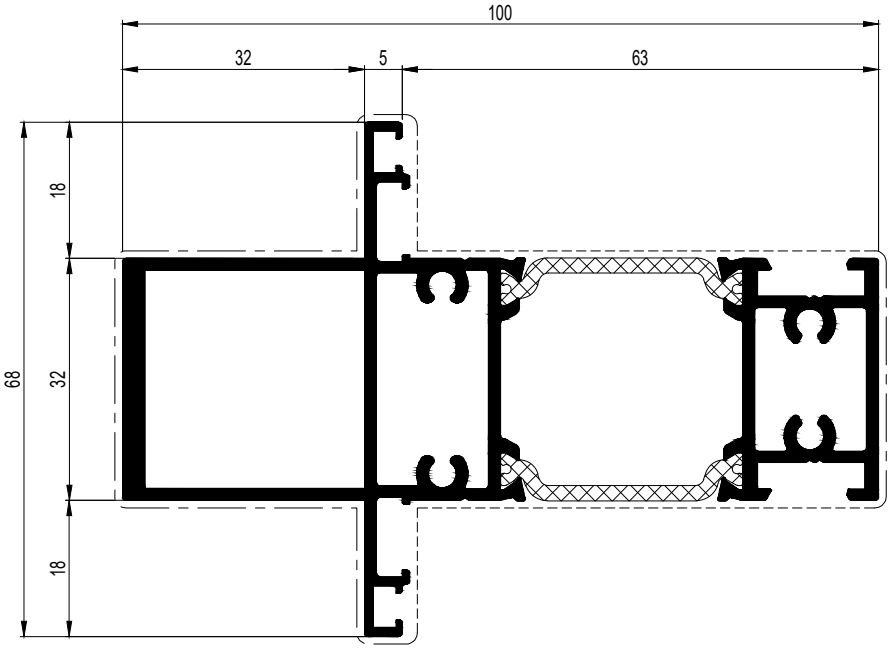
D3000613

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0444.XX	30.14	11.1	7.00	19.846	5.202	38.15	6.234	1.833	34.00
203.0454.XX	36.50	17.4	7.00	54.438	10.345	52.62	13.352	3.927	34.00

203.0444.XX



203.0454.XX



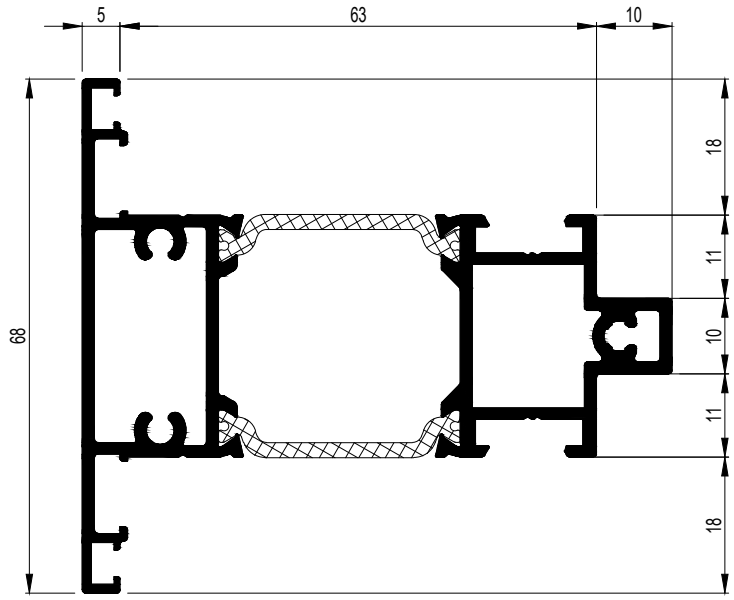
203.0444.XX	
060.8727.00 (2x) 052.5318.-- (4x)	097.0331.00
068.9024.00 052.5327.-- (2x) 052.5312.-- (2x) 068.9029.00 052.5318.-- (2x) 051.5273.-- (2x) 060.8727.00 052.5318.-- (4x)	097.0331.00 097.0332.00 097.0333.00

203.0454.XX	
060.8727.00 (2x) 052.5318.-- (4x)	097.0331.00
068.9024.00 052.5327.-- (2x) 052.5312.-- (2x) 068.9029.00 052.5318.-- (2x) 051.5273.-- (2x) 060.8727.00 052.5318.-- (4x)	097.0331.00 097.0332.00 097.0333.00

D3000614

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0404.XX	33.44	13.7	7.00	24.343	5.379	32.74	10.296	3.024	34.05

203.0404.XX

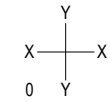


203.0404.XX	
052.5316.-- (6x) 060.8727.00 (2x)	097.0333.00
068.9032.00 060.8727.00 (2x)	097.0331.00
068.9029.00 051.5273.-- (2x) 060.8727.00 (4x) 052.5318.-- (4x) 068.9032.00 (4x)	097.0331/0332.00 097.0333.00

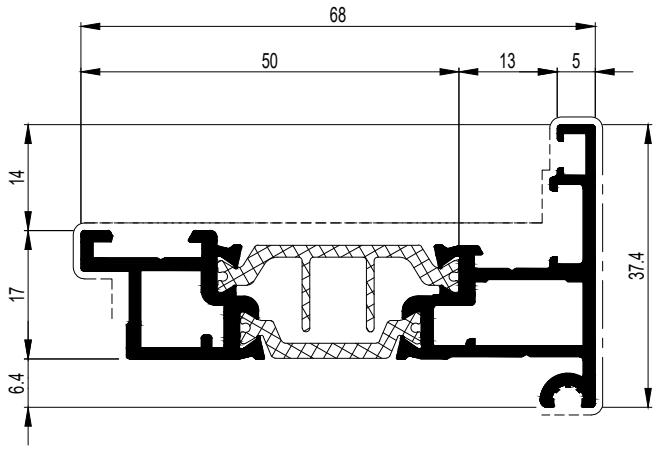
SL 68

OMKEERPROFIEL
PROFILE INVERSION
CHANGEOVER PROFILE
WECHSELPROFIL

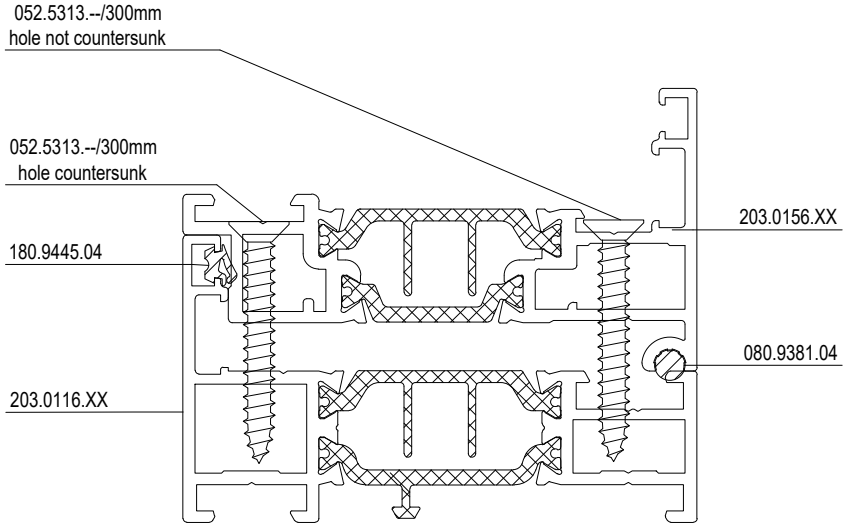
	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0156.XX	23.47	4.9	7.00	11.265	2.856	28.55	1.967	0.877	14.96



203.0156.XX

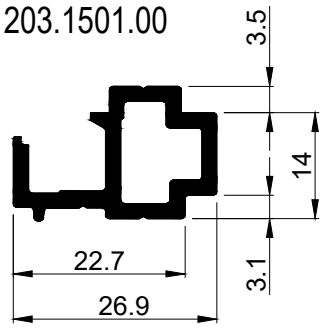


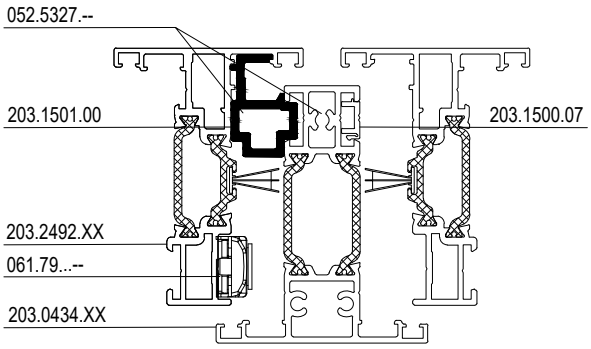
C



203.0156.XX	
168.6520.00 068.7465.00	095.H800.00
168.6520.00 068.7465.00	095.B500.00
060.8727.00	

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.1501.00	11.51	-	7.00	1.020	0.679	11.88	0.525	0.542	8.11

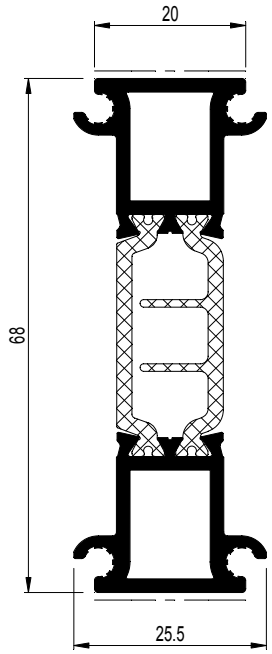


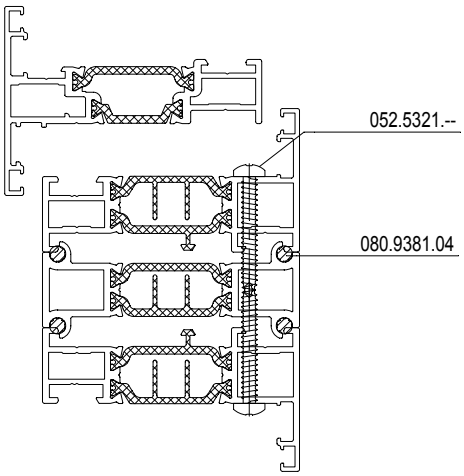


C

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
008.3895.XX	18.66	4.1	7.00	12.418	3.652	34.00	1.271	0.998	12.75

008.3895.XX

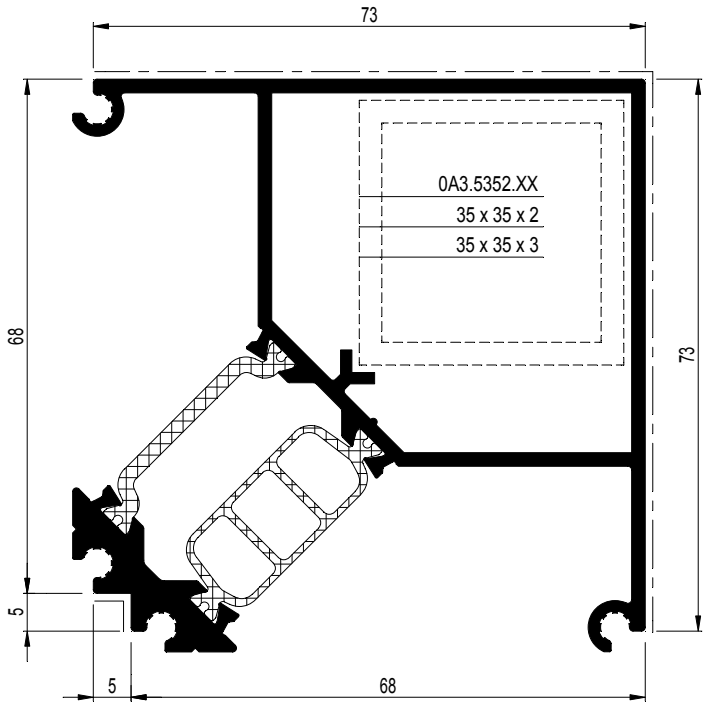




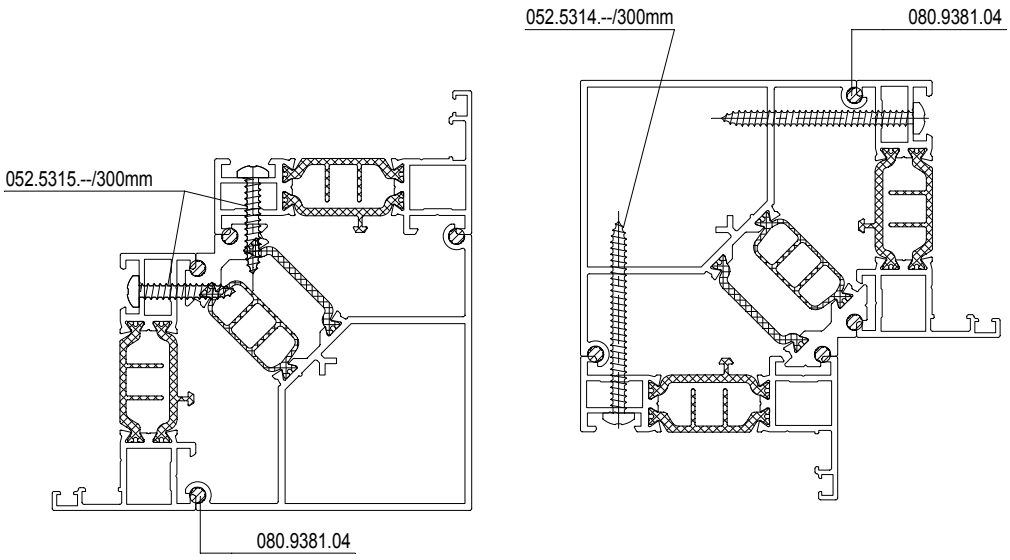
C

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
008.3132.XX	38.22	15.7	7.00	26.923	7.003	37.30	26.924	7.004	38.44

008.3132.XX



008.3132.XX + 0A3.5352.XX : Ix = 31.733
008.3132.XX + St 35 x 35 x 2: Ix = 41.353
008.3132.XX + St 35 x 35 x 3: Ix = 46.75



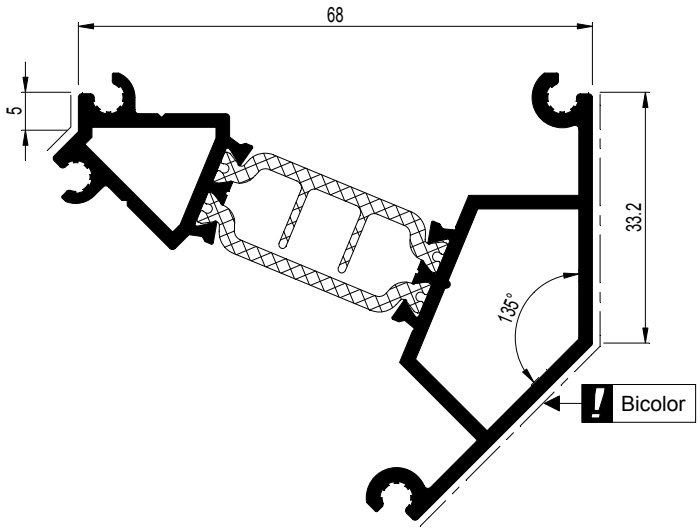
SL 68

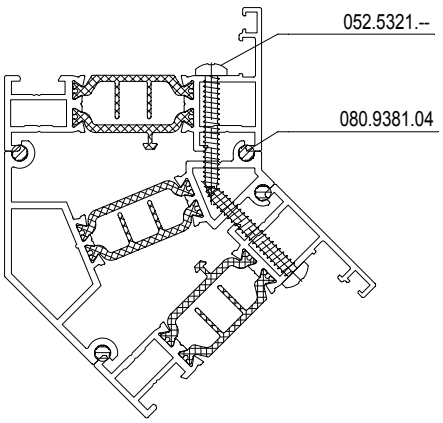
HOEKPROFIEL 135°
PROFILE D'ANGLE 135°
CORNER PROFILE 135°
ECKPROFIL 135°

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
008.3178.XX	28.32	7.7	7.00	14.184	3.363	29.16	6.704	1.898	35.32

X
Y Y
X 0

008.3178.XX





C

HOEKPROFIEL VARIABEL
PROFILE D'ANGLE VARIABLE
VARIABLE CORNER PROFILE
VARIABELES ECKPROFIL

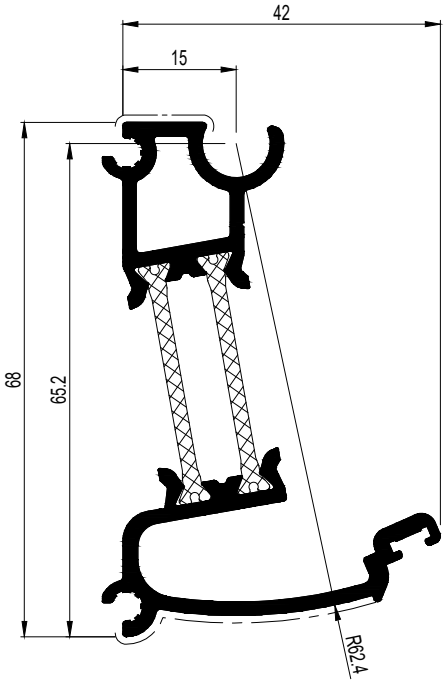
Reynaers Aluminium

SL 68

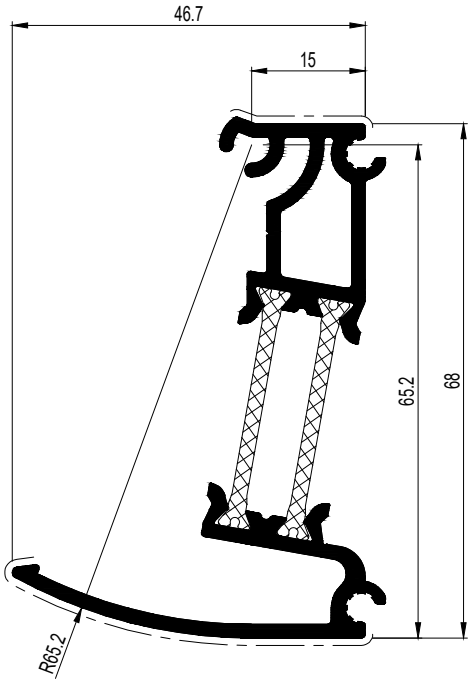
HOEKPROFIEL VARIABEL
PROFILE D'ANGLE VARIABLE
VARIABLE CORNER PROFILE
VARIABELES ECKPROFIL

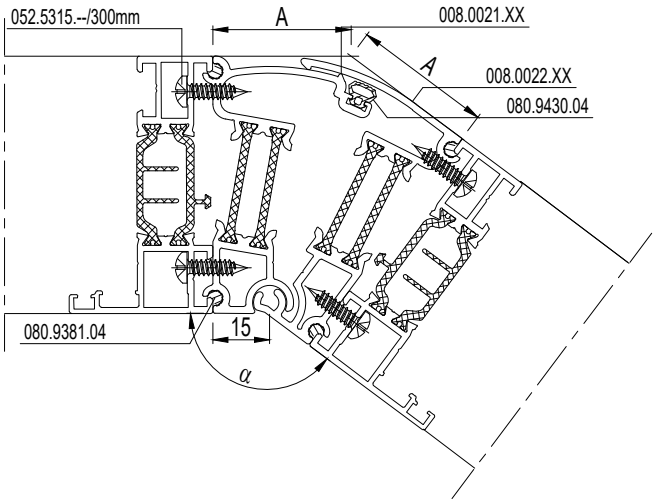
	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
008.0021.XX	29.18	4.7	7.00	15.354	4.251	31.88	4.406	1.505	15.43
008.0022.XX	30.30	7.4	7.00	17.864	4.893	32.37	4.314	1.237	34.87

008.0021.XX



008.0022.XX



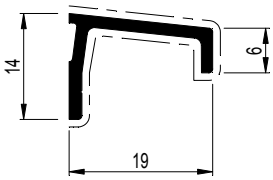


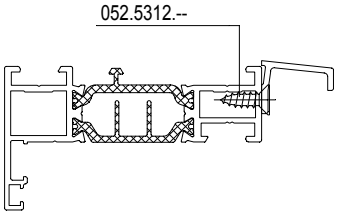
α°	A
136	41.3
140	38.7
145	35.5
150	32.5
155	29.5
max.160	26.5

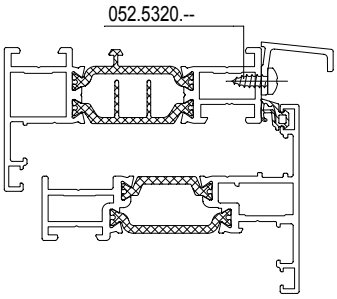
C

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
004.3846.XX	7.39	5.9	6.00	0.074	0.077	4.48	0.257	0.224	7.52
030.0019.XX	8.62	2.7	7.00	0.138	0.151	6.58	0.186	0.192	8.33

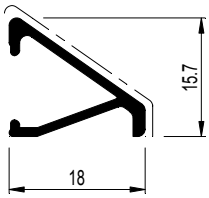
004.3846.XX

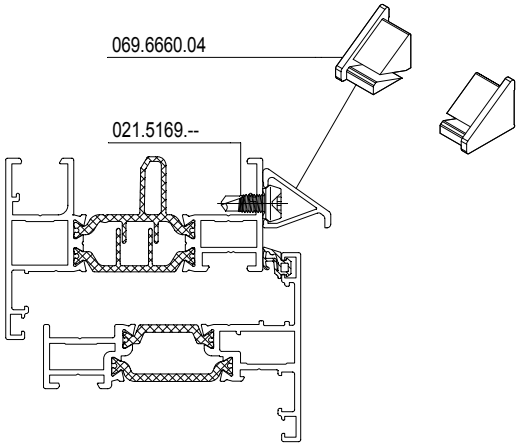






030.0019.XX





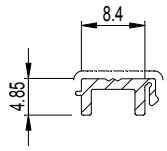
C

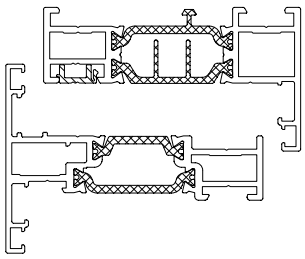
SL 68

KLIPSPROFIEL
CLIP
CLIP PROFILE
ABDECKPROFIL

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.1500.07	-	-	6.00	0.004	0.014	3.16	0.028	0.046	5.68

203.1500.07



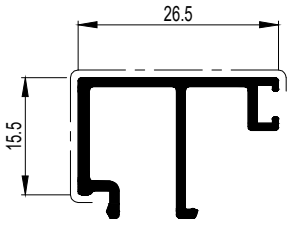


C

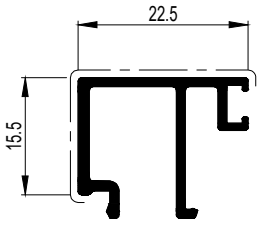
	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm
203.0604.XX	12.84	3.4	7.00	0.293	0.263	11.13	0.318	0.305	8.27
203.0602.XX	14.52	3.8	7.00	0.323	0.275	11.76	0.469	0.361	9.70
203.0600.XX	15.34	4.2	7.00	0.344	0.285	12.06	0.664	0.420	10.89
203.0608.XX	10.58	2.9	7.00	0.309	0.282	10.97	0.150	0.147	5.83
203.0609.XX	9.40	2.7	7.00	0.296	0.299	9.90	0.140	0.139	5.61
203.0606.XX	11.79	3.0	7.00	0.268	0.251	10.67	0.222	0.251	7.07
203.0610.XX	9.78	2.5	7.00	0.265	0.259	10.24	0.128	0.116	4.99
203.3701.XX	9.80	2.3	7.00	0.375	0.287	9.92	0.090	0.085	10.65

Y
X X
0 Y

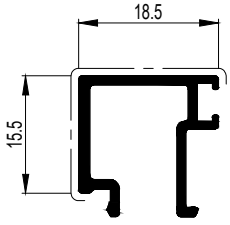
203.0600.XX



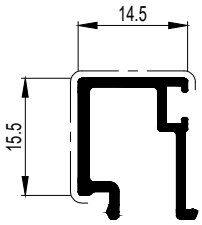
203.0602.XX



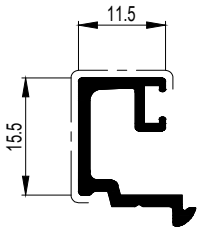
203.0604.XX



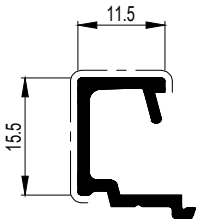
203.0606.XX



203.0608.XX

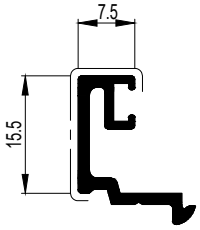


203.0609.XX

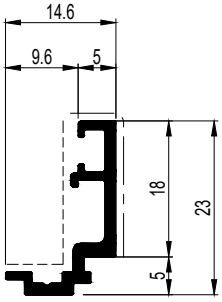


ENKEL GEBRUIKEN BIJ BINNEN BEGLAASDE VLEUGELS
UTILISER UNIQUEMENT POUR OUVRANT VITRE PAR L'INTERIEUR
ONLY USE FOR INSIDE GLAZED VENTS
NUR VERWENDEN FÜR INNENVERGLASUNG FLUEGELS

203.0610.XX



203.3701.XX

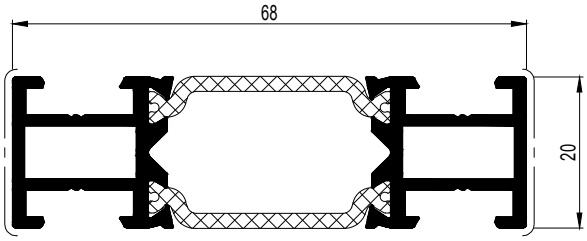


C

VERBREDINGSPROFIEL
PROFILE D'ELARGISSEMENT
ENLARGING PROFILE
VERBREITERUNGSPROFIL

	A dm²/m	P dm²/m	Lm	Ix cm⁴	Wx cm³	ax mm	Iy cm⁴	Wy cm³	ay mm	X Y Y X 0
203.0896.XX	19.57	4.1	7.00	10.684	3.142	34.00	0.634	0.631	10.04	

203.0896.XX



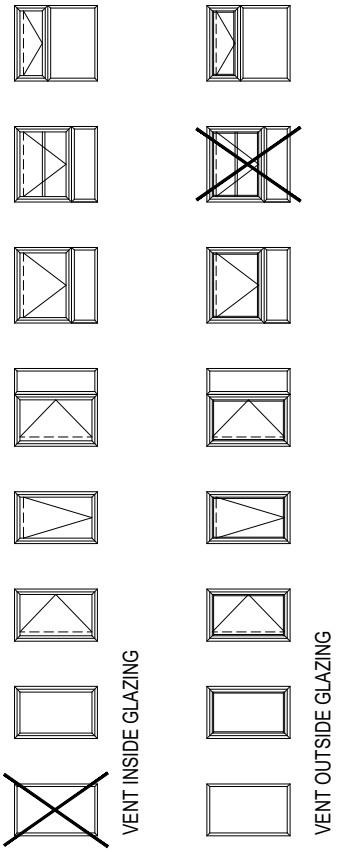
C

D3000615

E

Reynaers Aluminium

Werktekeningen
Coupes et débits
Work drawings
Werkzeichnungen



E

HI

ST

WI

WI = WINDOW
DO SF = STEPPED FACE DOOR
DO FL = FLUSH DOOR
ST = STANDARD
HI = HIGH INSULATION
HI+ = HIGH INSULATION PLUS
Fu = FUNCTIONAL
Re = RENAISSANCE
De = DECO
RC 2 = RESISTANT CLASS 2
RC 3 = RESISTANT CLASS 3

SECTION NAMES

WFI = WINDOW FIXED
WFA = WINDOW FANLIGHT
WFV = WINDOW FIXED VENT
WTS = WINDOW TURN AND TILT / SIDEHUNG
WTS + = WINDOW TURN AND TILT / SIDEHUNG HI+
WDI = WINDOW DOUBLE CASEMENT INWARD OPENING
WSO = WINDOW SIDEHUNG OUTWARD OPENING > HINGES OR FRICTION STAYS
WDO = WINDOW DOUBLE CASEMENT OUTWARD OPENING
WTO = WINDOW TOPHUNG OUTWARD OPENING > HINGES OR FRICTION STAYS
WVV = WINDOW VENTILATION VENT
DSI = DOOR SINGLE INWARD OPENING
DSI + = DOOR SINGLE INWARD OPENING HI+
DDI = DOOR DOUBLE INWARD OPENING
DSO = DOOR SINGLE OUTWARD OPENING
DDO = DOOR DOUBLE OUTWARD OPENING
DCO = DOOR COMBINED OUTWARD OPENING

DFSI = DOOR FINGER PROTECTION SINGLE INWARD OPENING
DSOF=DOOR SINGLE OUTWARD OPENING WITH FANLIGHT
DFSO = DOOR FINGER PROTECTION SINGLE OUTWARD OPENING
DFSIH = DOOR FINGER PROTECTION SINGLE INWARD OPENING HID
DSIH = DOOR SINGLE INWARD OPENING HID
DDIH = DOOR DOUBLE INWARD OPENING HID
BDSI = BALCONY DOOR SINGLE INWARD OPENING
BDDI = BALCONY DOOR DOUBLE INWARD OPENING
BDSO = BALCONY DOOR SINGLE OUTWARD OPENING
BDDO = BALCONY DOOR DOUBLE OUTWARD OPENING
WDSI = WINDOW DOOR SINGLE INWARD OPENING
WDDI = WINDOW DOOR DOUBLE INWARD OPENING
FSS = FRONT SLIDE SINGLE
FSD = FRONT SLIDE DOUBLE
PDI = PANEL DOOR INWARD OPENING
PDO = PANEL DOOR OUTWARD OPENING

E

	203.0216.XX 203.0218.XX 203.0220.XX	
Ferro	Ferro	HI 203.1314.XX
Classic	Classic	HI 203.1014.XX
Functional	Functional	ST 203.0492.XX HI 203.2492.XX
		203.0106.XX 203.0116.XX 203.0449.XX 203.0890.XX

schaal - échelle
scale - Maßstab
1/2

203.0106.XX 203.0116.XX 203.0449.XX 203.0890.XX	203.0216.XX 203.0218.XX 203.0220.XX		
Ferro	Ferro		
Classic Not available in PAS24	Classic Not available in PAS24	ST 203.0502.XX HI 203.2502.XX 	
Functional 	Functional 	ST 203.0502.XX HI 203.2502.XX 	schaal - échelle scale - Maßstab 1/2

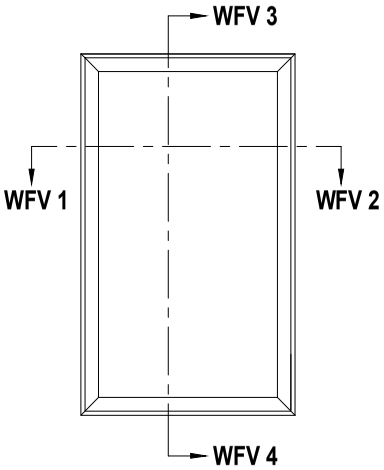
E

VASTE VLEUGEL BINNENBEGLAZING
OUVRANT FIXE VITRE PAR L'INTERIEUR
FIXED VENT INSIDE GLAZED
FESTSTEHENDER FLUEGEL INNENVERGLASUNG

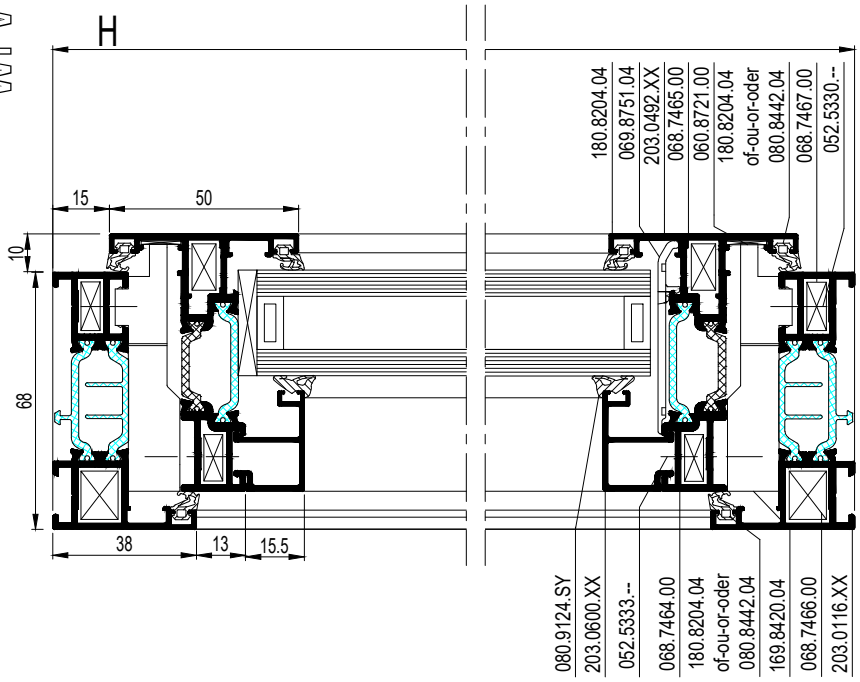
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+ (2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8751.04		16K.F. ...
169.8420.04		16K.F. ...
052.5333.--		16K.F. ...
052.5330.--		16K.F. ...

			#	Lm
203.0116.XX			2	B
			2	H
203.0492.XX			2	B - 30
			2	H - 30
203.0600.XX			2	B - 133
			2	H - 102

b = B - 108
h = H - 108

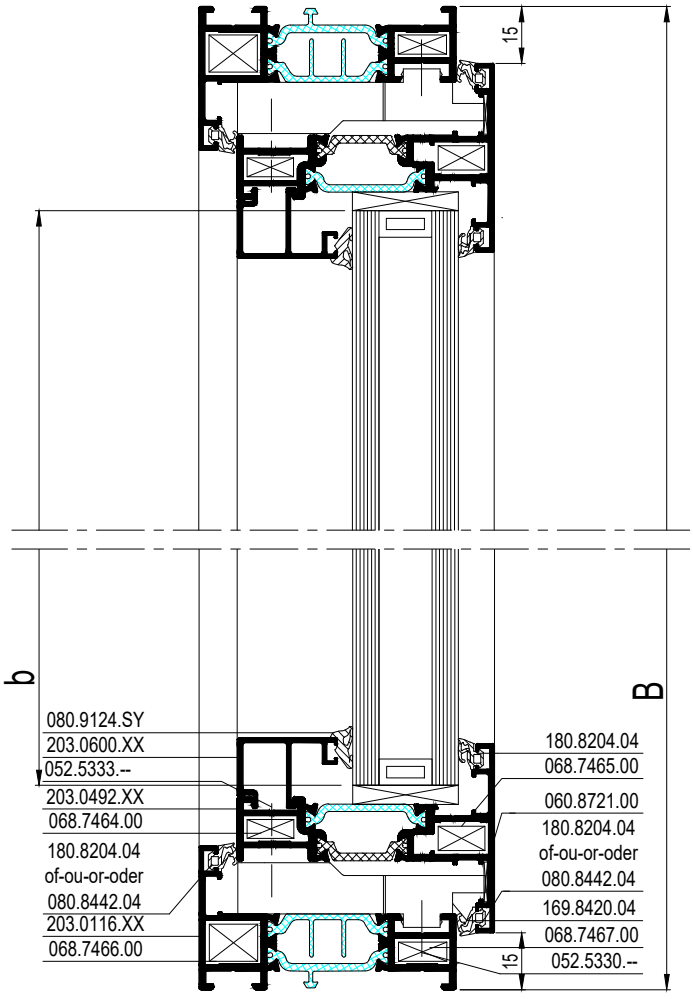


WFV 3



WFV 4

WFV 2



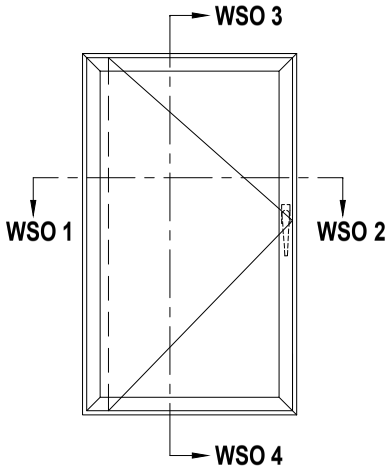
WFV 1

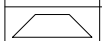
schaal - échelle
scale - Maßstab
1/2

E

SL 68

RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEUR
WINDOW OUTWARD OPENING INSIDE GLAZED
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUNG



			#	Lm
203.0116.XX			2	B
			2	H
203.0492.XX			2	B - 30
			2	H - 30
203.0600.XX			2	B - 133
			2	H - 102
203.1500.07			16K.F...	16K.F. ...

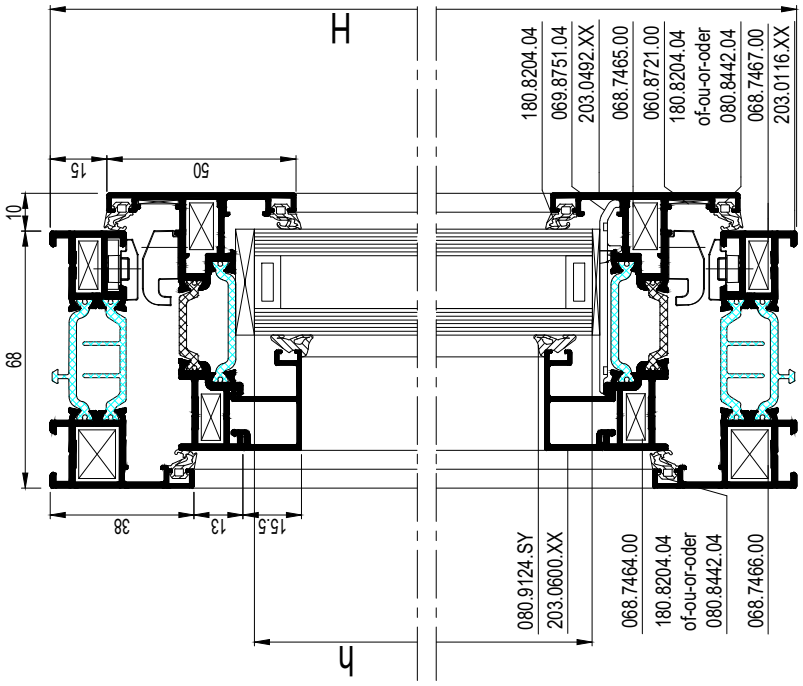
b = B - 108
h = H - 108

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+(2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8751.04		16K.F. ...

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

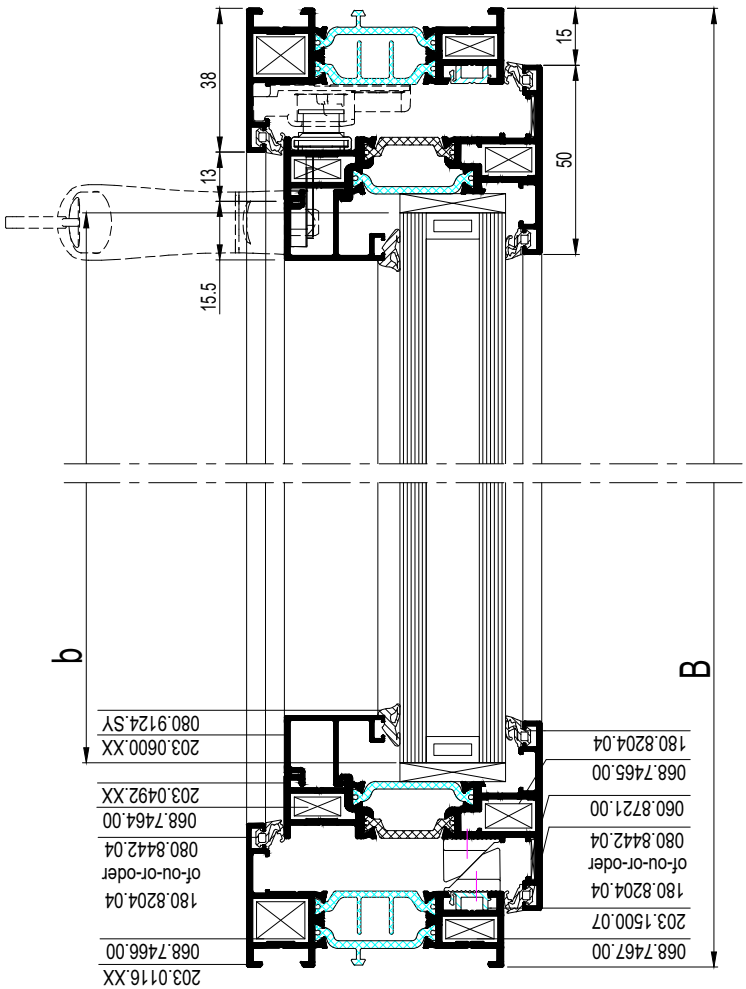
WSO 3

WSO 4



WSO 2

WSO 1



schaal - échelle
scale - Maßstab
1/2

E

203.0116.XX			2	B	
			2	H	
203.0492.XX			2	B - 30	
			2	H - 30	
203.0600.XX			2	B - 133	
			2	H - 102	
203.1500.07			16K.F...	16K.F....	

b = B - 108	
h = H - 108	

068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+(2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8751.04		16K.F. ...

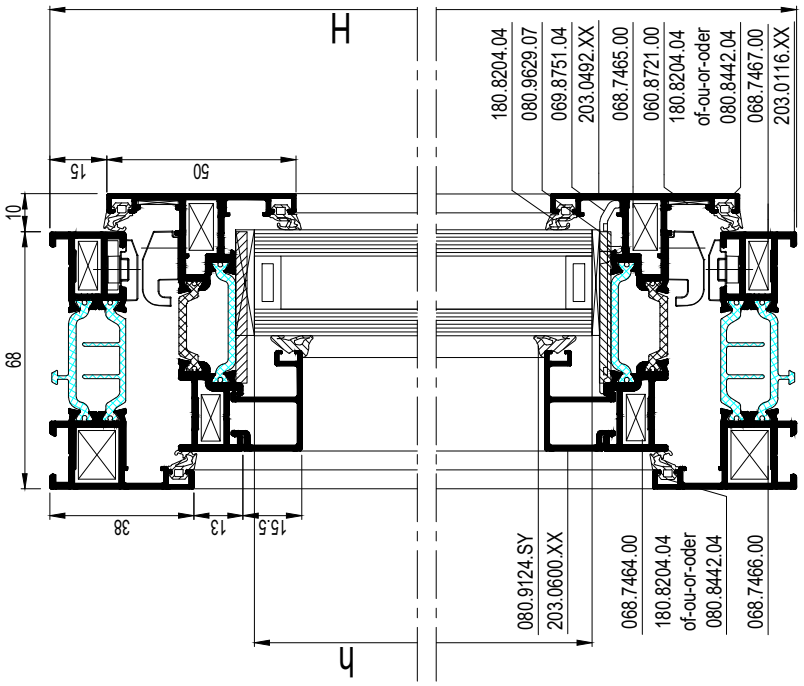
+

080.9124.SY	(2xb)+(2xh)

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

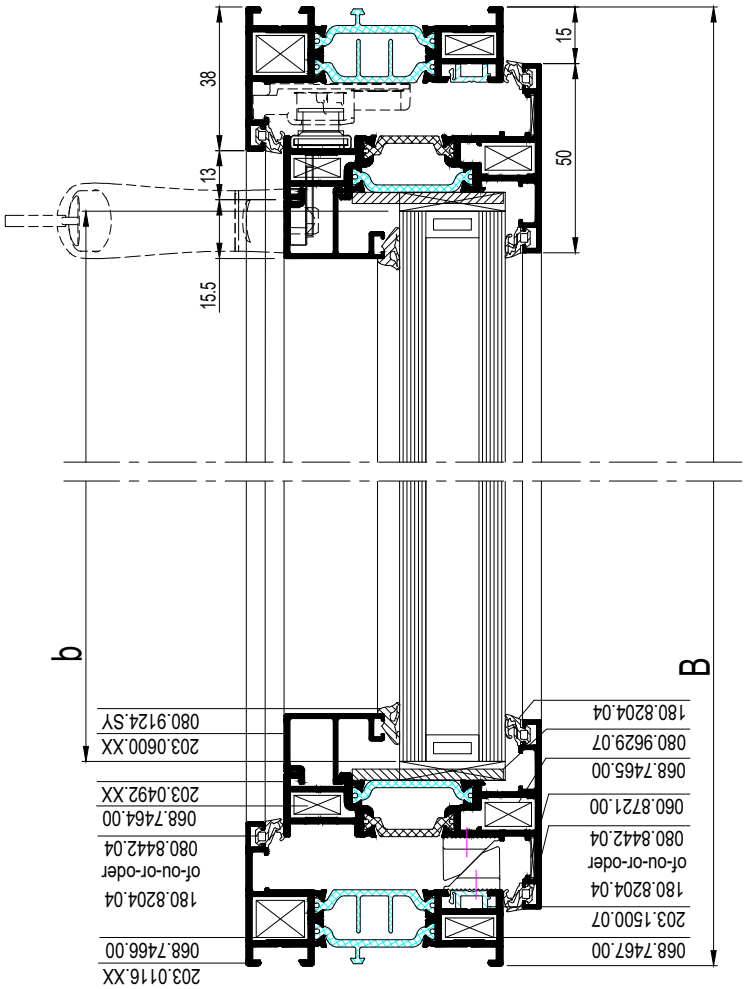
schaal - échelle
scale - Maßstab
1/2

WSO 3



WSO 4

WSO 2



WSO 1

schaal - échelle
scale - Maßstab
1/2

E

			#	Lm
203.0216.XX			2	B
			2	H
203.0492.XX			2	B - 30
			2	H - 30
203.0600.XX			2	B - 133
			2	H - 102
203.1500.07			16K.F....	16K.F. ....

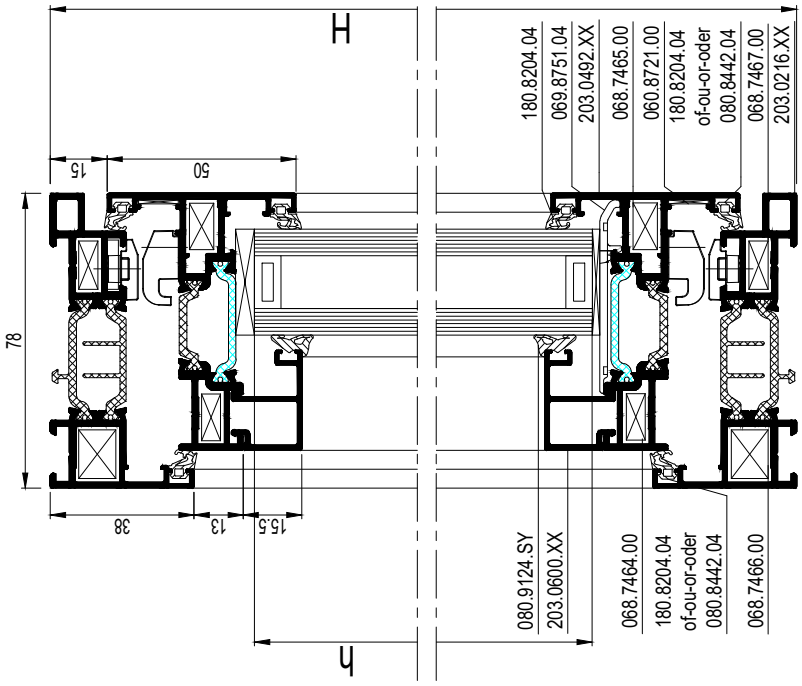
b = B - 108	
h = H - 108	

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+(2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8751.04		16K.F. ....

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

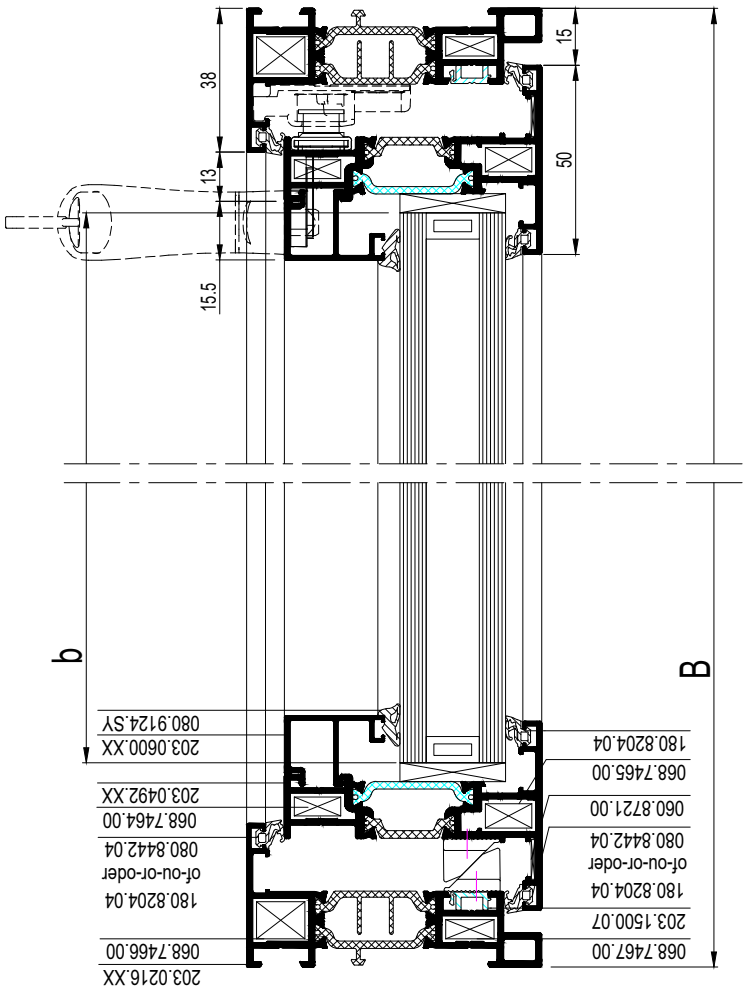
schaal - échelle
scale - Maßstab
1/2

WSO 13



WSO 14

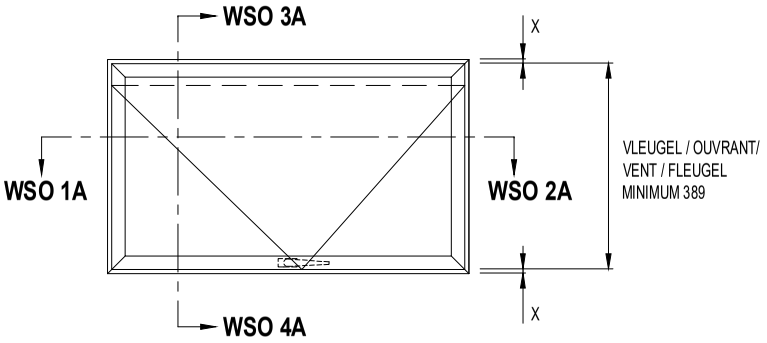
WSO 12



WSO 10

schaal - échelle
scale - Maßstab
1/2

E



			#	Lm
203.0116.XX			2	B
			2	H
203.0492.XX			2	B - 30
			2	H - 30
203.0600.XX			2	B - 102
			2	H - 133
203.1500.07			16K.F..	16K.F. ...

b = B - 108
h = H - 108

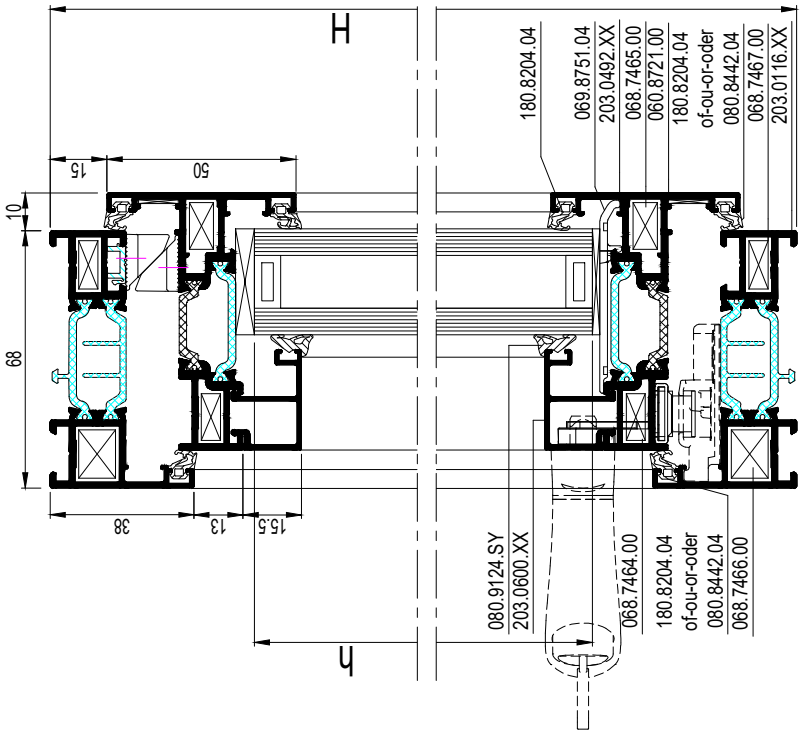
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+ (2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8751.04		16K.F. ...

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

SL 68

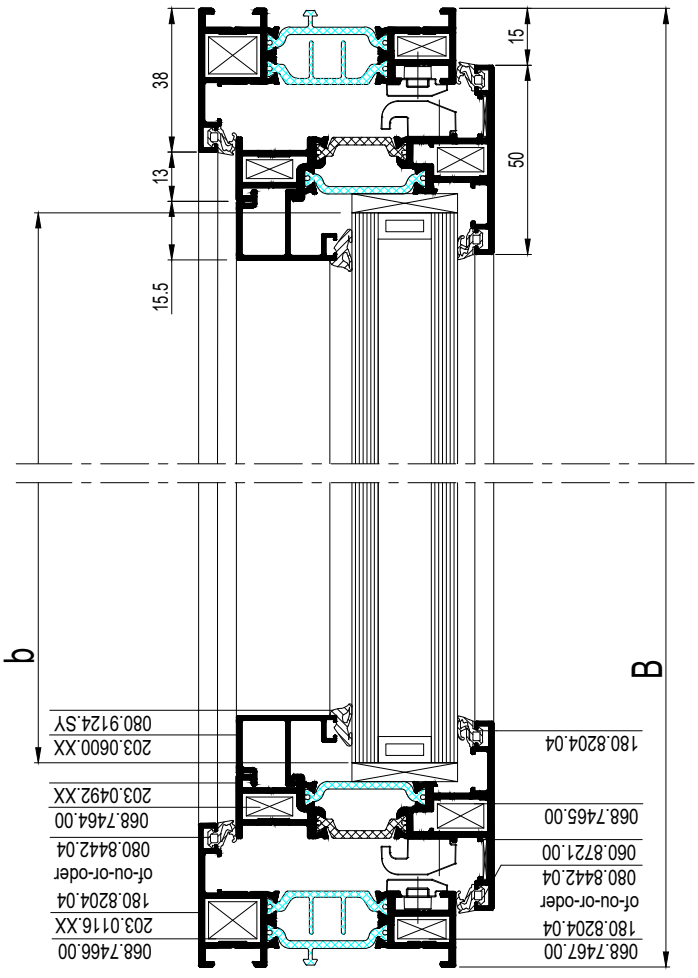
RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEUR
WINDOW OUTWARD OPENING INSIDE GLAZED
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUNG

WSO 3A



WSO 4A

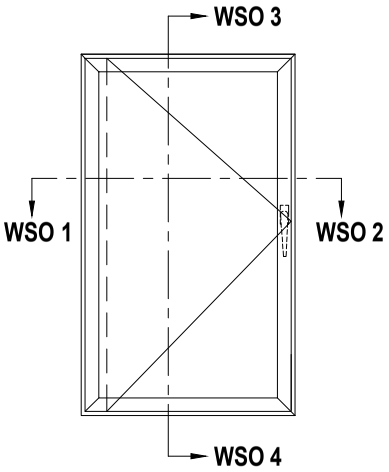
WSO 2A



WSO 1A

schaal - échelle
scale - Maßstab
1/2

RAAM NAAR BUITENDRAAIEND BINNENBEGLAZING ST -> HI
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE INTERIEUR ST -> HI
WINDOW OUTWARD OPENING INSIDE GLAZED ST -> HI
FENSTER NACH AUSSEN OEFFNEND INNENVERGLASUNG ST -> HI



		#	Lm
203.0116.XX		2	B
		2	H
203.0492.XX		2	B - 30
		2	H - 30
203.0600.XX		2	B - 133
		2	H - 102
203.1500.07		16K.F..	16K.F. ...

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+ (2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8751.04		16K.F. ...

b = B - 108
h = H - 108

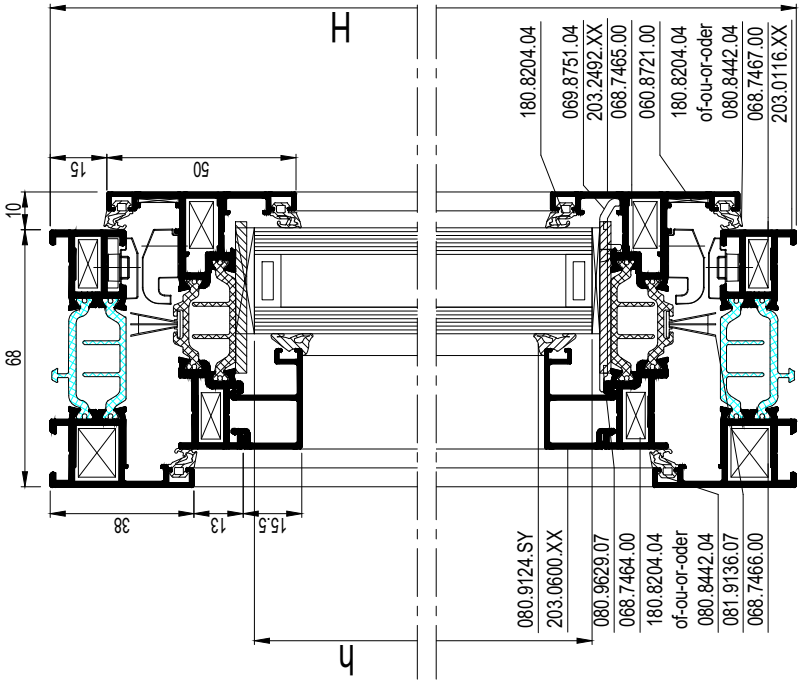
203.2492.XX		2	B - 30
		2	H - 30

+

081.9136.07		(2xB) + (2xH)
080.9629.07		(2xB) + (2xH)

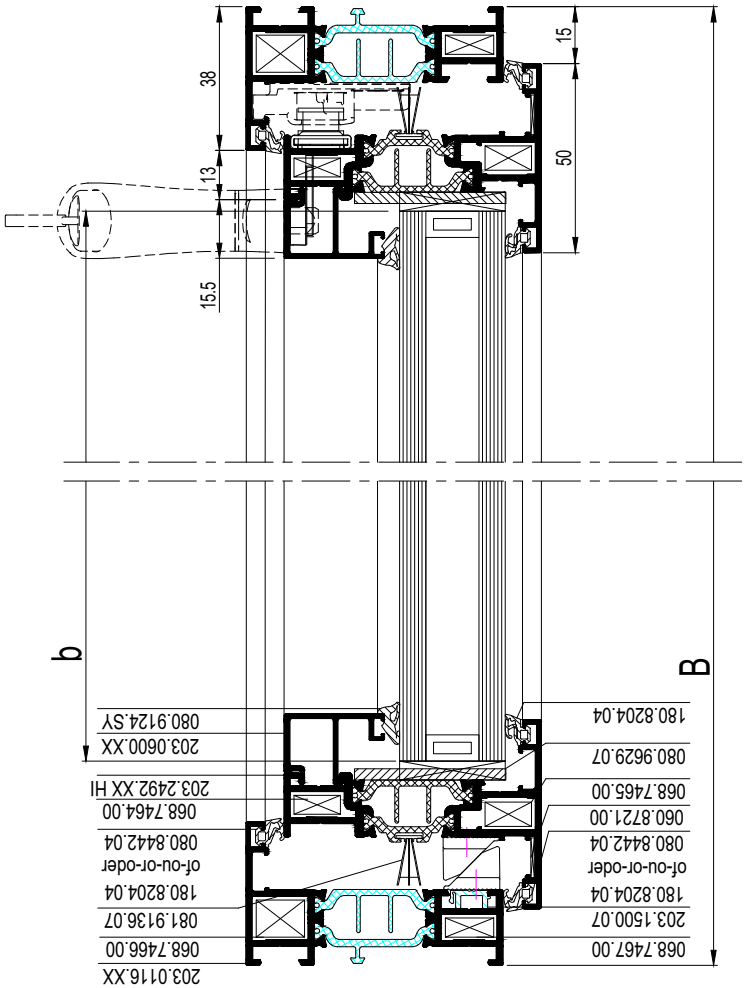
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

WSO 3



WSO 4

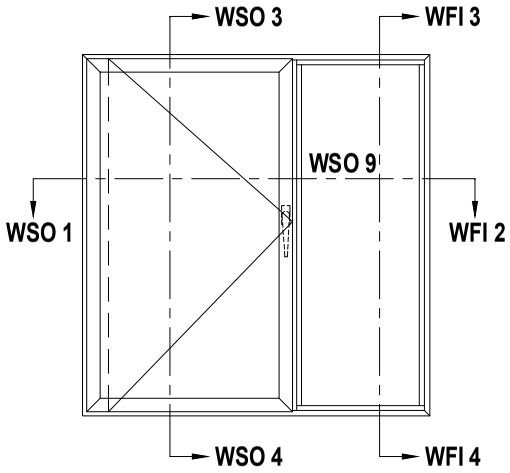
WSO 2



WSO 1

schaal - échelle
scale - Maßstab
1/2

E

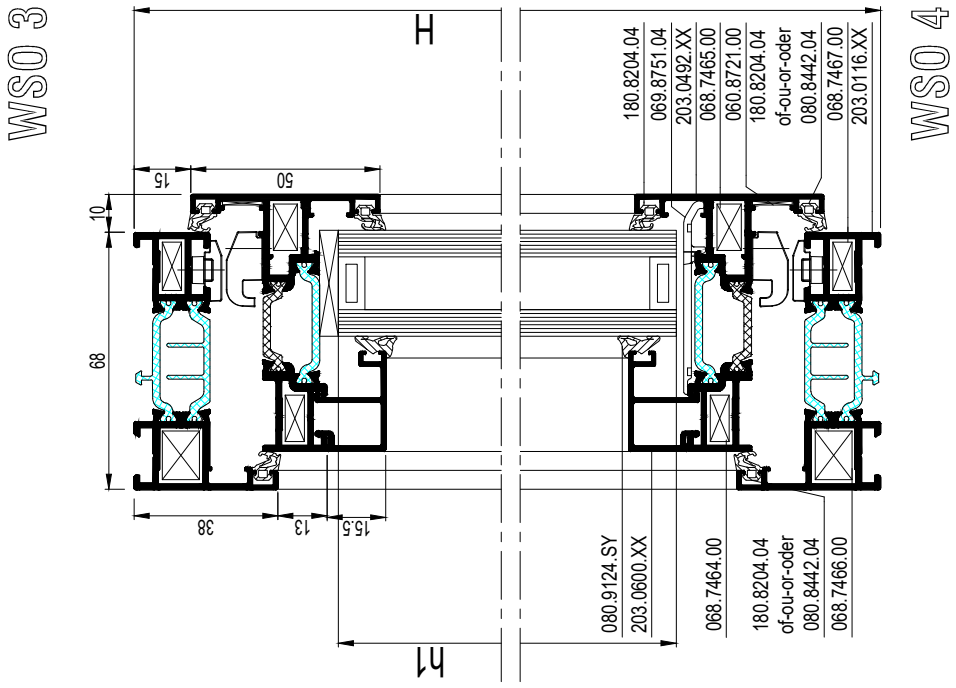


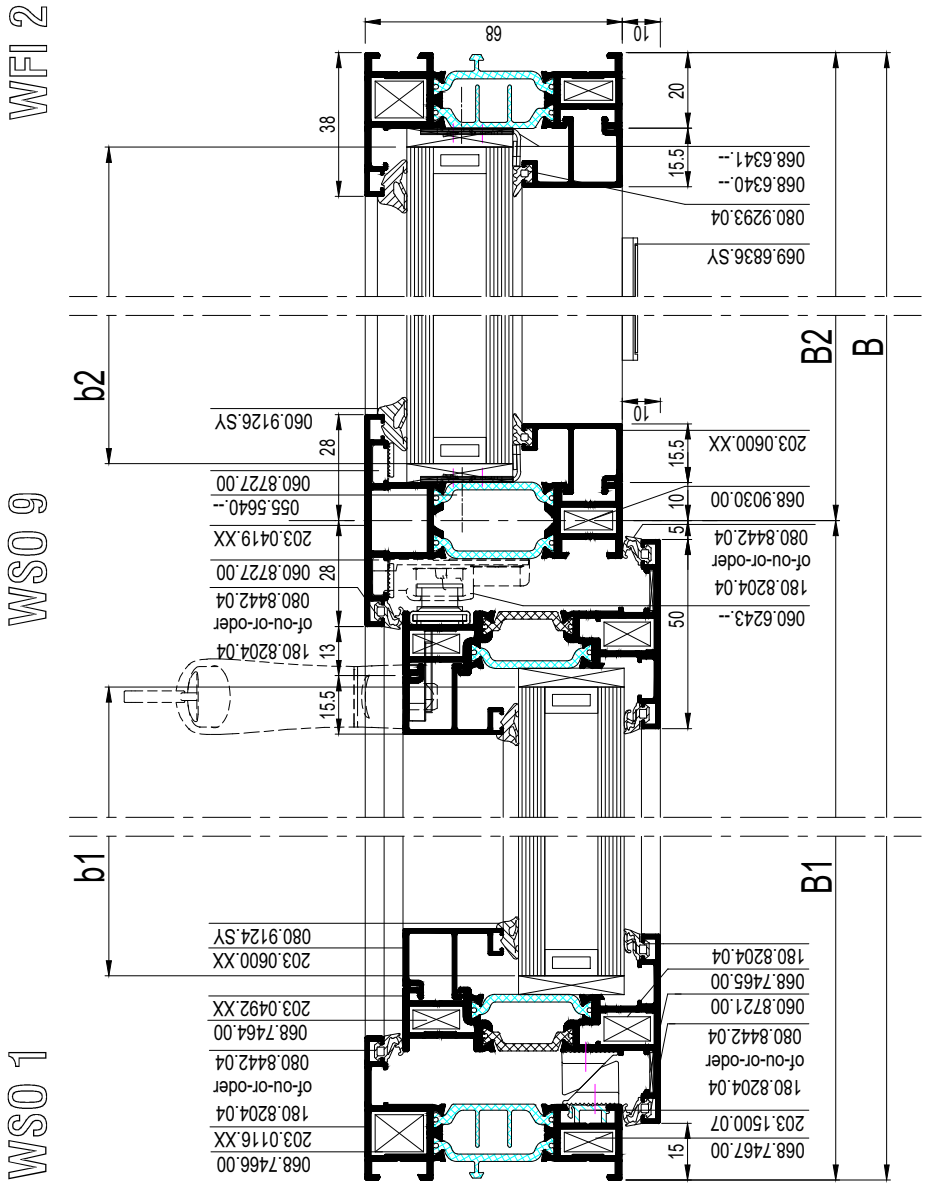
			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	H - 40
203.0492.XX			2	B1 - 20
			2	H - 30
203.0600.XX			2	B1 - 123
			2	H - 102
			2	B2 - 30
			2	H - 71
203.1500.07			16K.F..	16K.F. ...

b1 = B1 - 98
h1 = H - 108
b2 = B2 - 40
h2 = H - 50

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9124.SY		(2xb1)+ (2xh1)
080.9126.SY		(2xb2)+ (2xh2)
180.8204.04		(2xb1)+(2xh1)
180.8204.04		(4xB1)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB1)+(4xH)
080.9293.04		(2xb2)+ (2xh2)
069.8751.04		16K.F. ...
069.8753.04		16K.F. ...

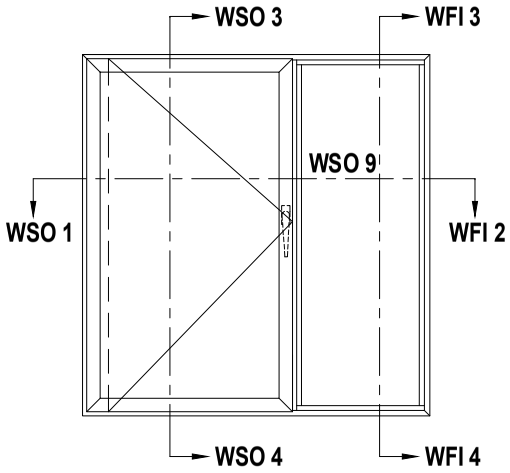
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F





schaal - échelle
scale - Maßstab
1/2

E



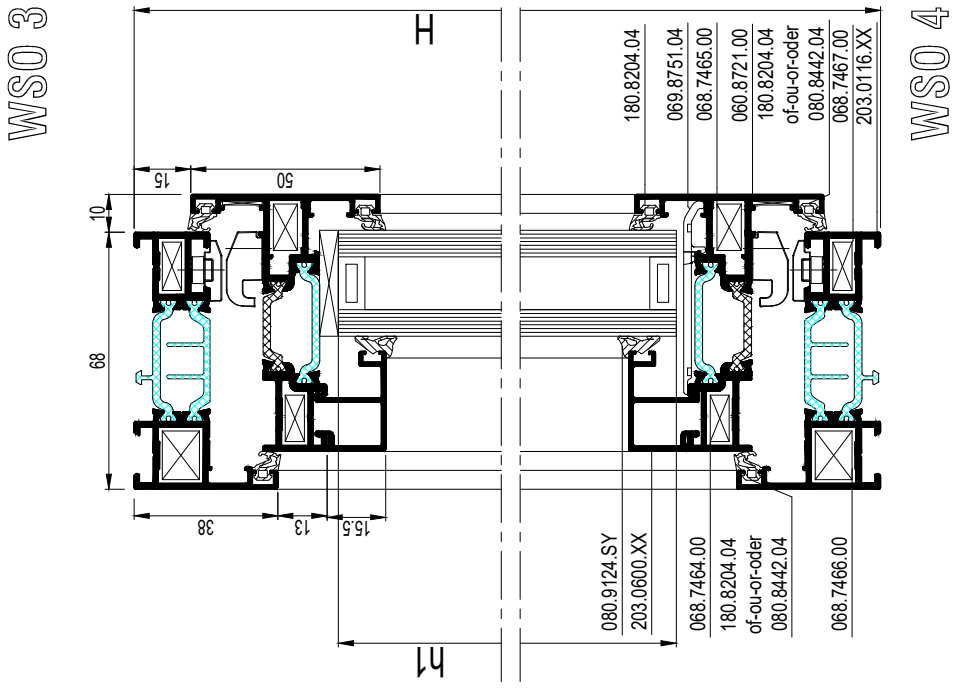
b1 = B1 - 98
h1 = H - 108
b2 = B2 - 40
h2 = H - 50

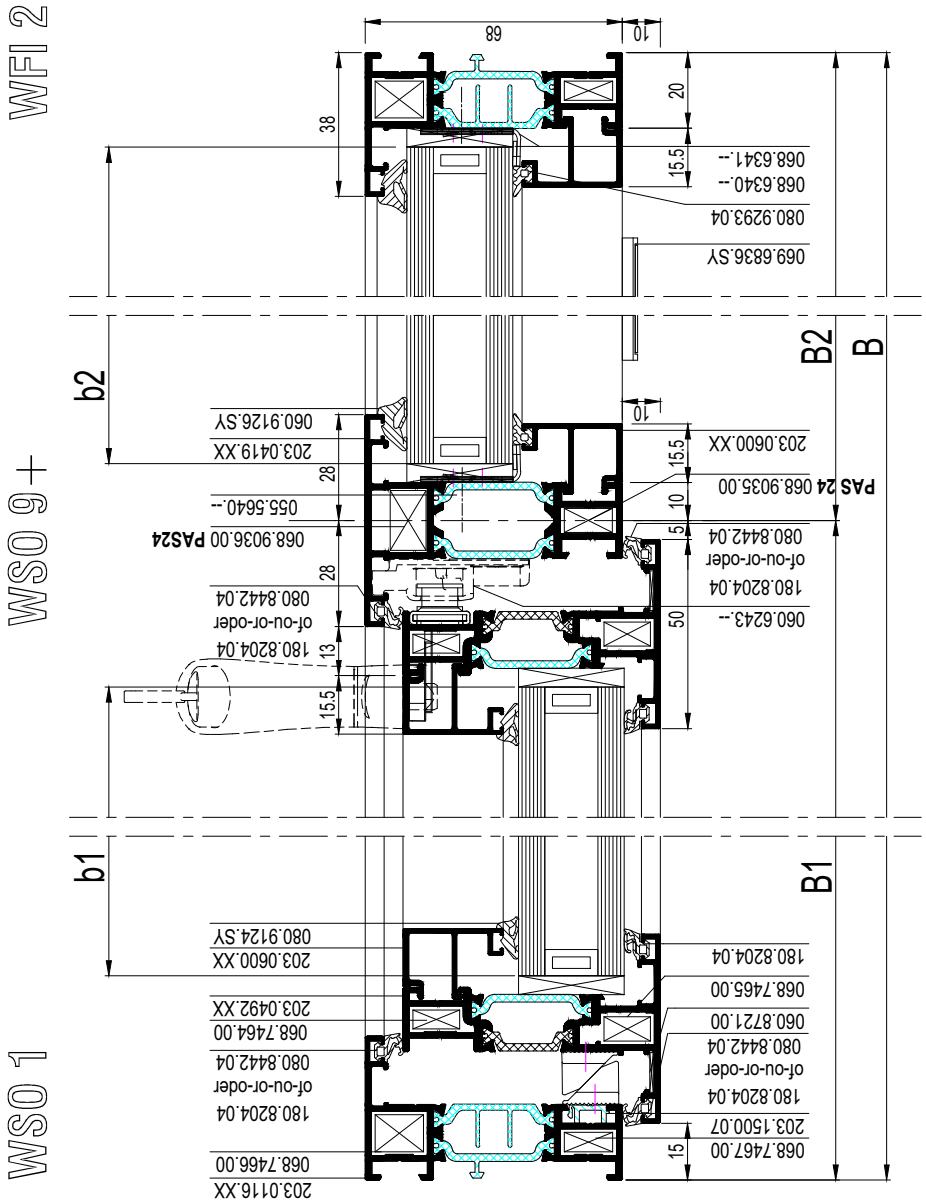
			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	H - 40
203.0492.XX			2	B1 - 20
			2	H - 30
203.0600.XX			2	B1 - 123
			2	H - 102
			2	B2 - 30
			2	H - 71
203.1500.07			16K.F..	16K.F. ...

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9124.SY		(2xb1)+ (2xh1)
080.9126.SY		(2xb2)+ (2xh2)
180.8204.04		(2xb1)+ (2xh1)
180.8204.04		(4xB1)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB1)+(4xH)
080.9293.04		(2xb2)+ (2xh2)
069.8751.04		16K.F. ...
069.8753.04		16K.F. ...

068.9035.00		2
052.5327.--		2
050.5015.--		2
068.9036.00		2
052.5327.--		4
052.5316.--		2

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

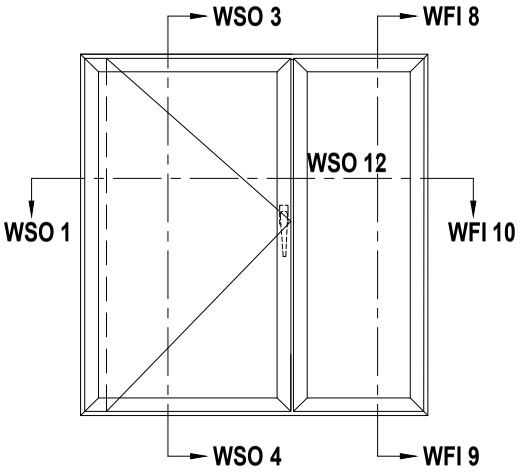




schaal - échelle
scale - Maßstab
1/2

SL 68

SAMENGESTELD RAAM SIDE HUNG VASTE VLEUGEL
FENETRE COMPOSEE SIDE HUNG OUVRANT FIXE
COMPOSITE WINDOW SIDE HUNG DUMMY VENT
FENSTER MIT FESTEM PFOSTEN SIDE HUNG FESTSTEHENDER FLUEGEL



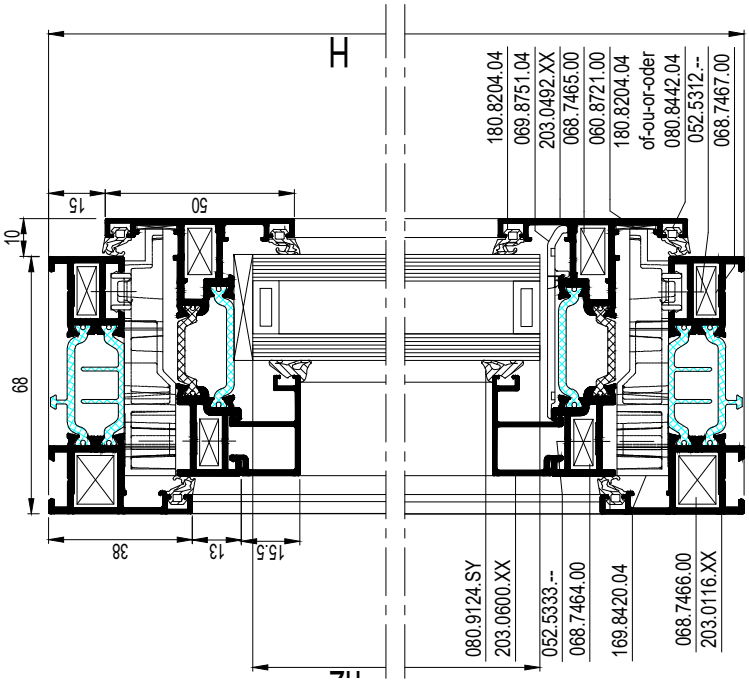
			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	H - 40
203.0492.XX			2	B1 - 20
			2	H - 30
203.0492.XX			2	B2 - 20
			2	H - 30
203.0600.XX			2	B1 - 123
			2	H - 102
			2	B2 - 123
			2	H - 102
203.1500.07			16K.F..	16K.F. ...

b1 = B1 - 98
h1 = H - 108
b2 = B2 - 98
h2 = H - 108

		#
068.7464.00		8
068.7465.00		8
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		8
080.9124.SY		(2xb1)+ (2xh1)
080.9124.SY		(2xb2)+ (2xh2)
180.8204.04		(2xB1)+(2xH)
180.8204.04		(2xB1)+(2xH)
180.8204.04		(4xB1)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB1)+(4xH)
180.8204.04		(4xB2)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB2)+(4xH)
069.8751.04		16K.F. ...
169.8420.04		16K.F. ...
052.5333.--		16K.F. ...
052.5312.--		16K.F. ...

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

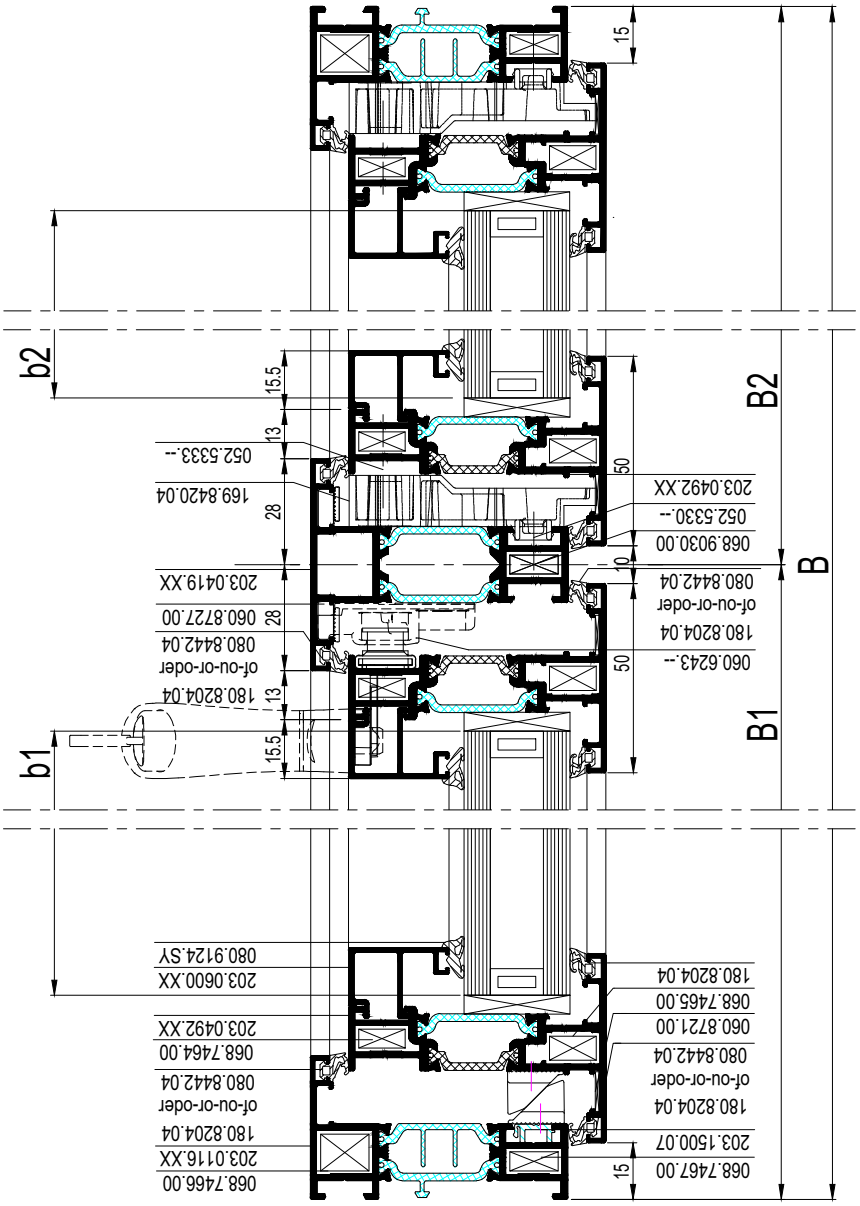
WFI 8



WFI 9

WFI 10

WSO 11



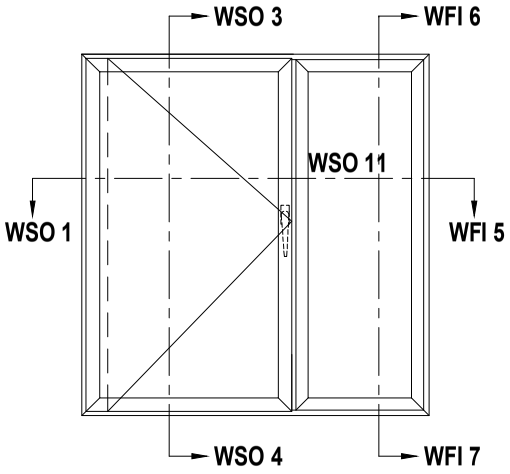
WSO 1

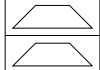
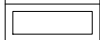
schaal - échelle
scale - Maßstab
1/2

E

SL 68

SAMENGESTELD RAAM SIDE HUNG OMKEER PROFIEL
FENETRE COMPOSEE SIDE HUNG PROFILE INVERSION
COMPOSITE WINDOW SIDE HUNG CHANGEOVER PROFILE
FENSTER MIT FESTEM PFOSTEN WECHSELPROFIL



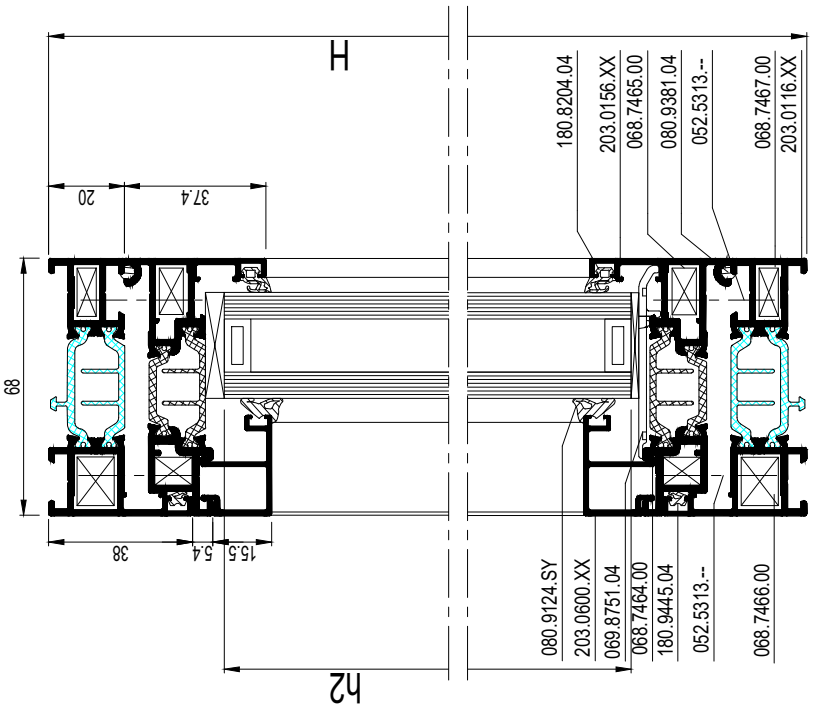
			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	H - 40
203.0492.XX			2	B1 - 20
			2	H - 30
203.0156.XX			2	B2 - 31
			2	H - 41
203.0600.XX			2	B1 - 123
			2	H - 102
			2	B2 - 109
			2	H - 87
203.1500.07			16K.F..	16K.F. ...

b1 = B1 - 98
h1 = H - 108
b2 = B2 - 83
h2 = H - 93

		#
068.7464.00		4
068.7465.00		8
068.7466.00		4
068.7467.00		4
168.6520.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9124.SY		(2xb1)+ (2xh1)
080.9124.SY		(2xb2)+ (2xh2)
180.8204.04		(2xB1)+(2xH)
180.8204.04		(2xB2)+(2xH)
180.8204.04		(4xB1)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB1)+(4xH)
069.8751.04		16K.F. ...
052.5313.--		(H/75)+(B/75)
180.9445.04		(2xB2)+(2xH)

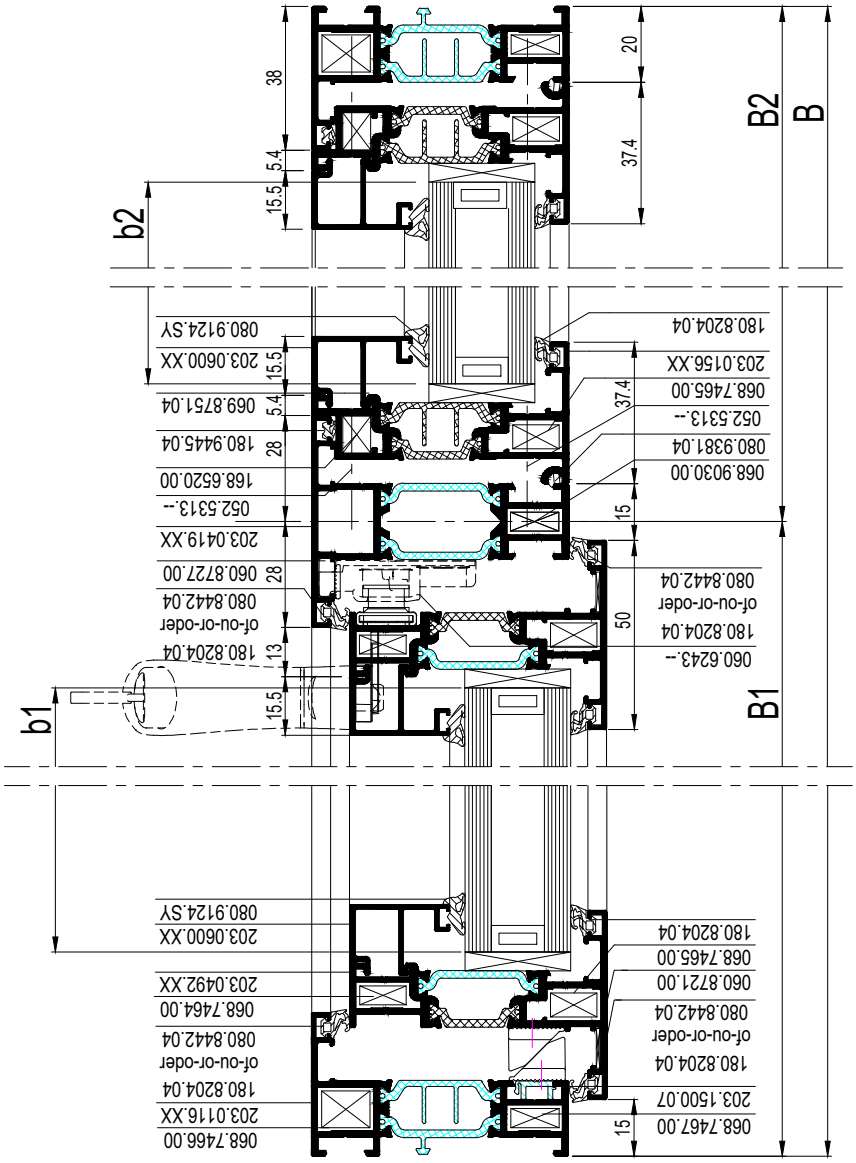
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

WFI 6



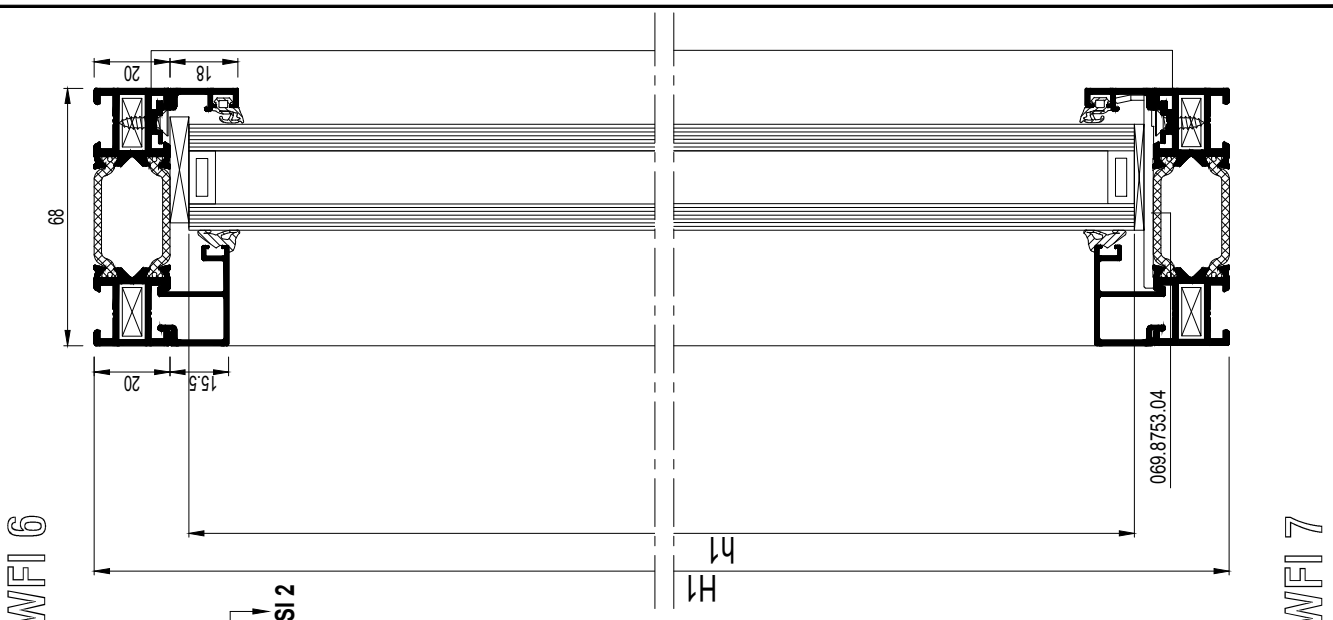
WFI 7

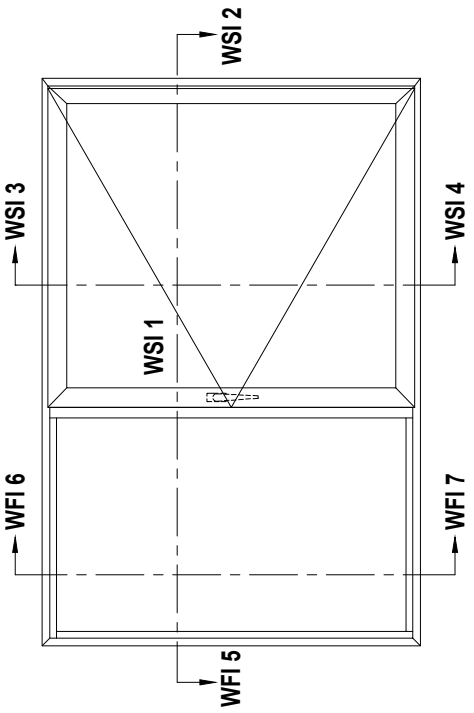
WFI 5



WSO 11

schaal - échelle
scale - Maßstab
1/2





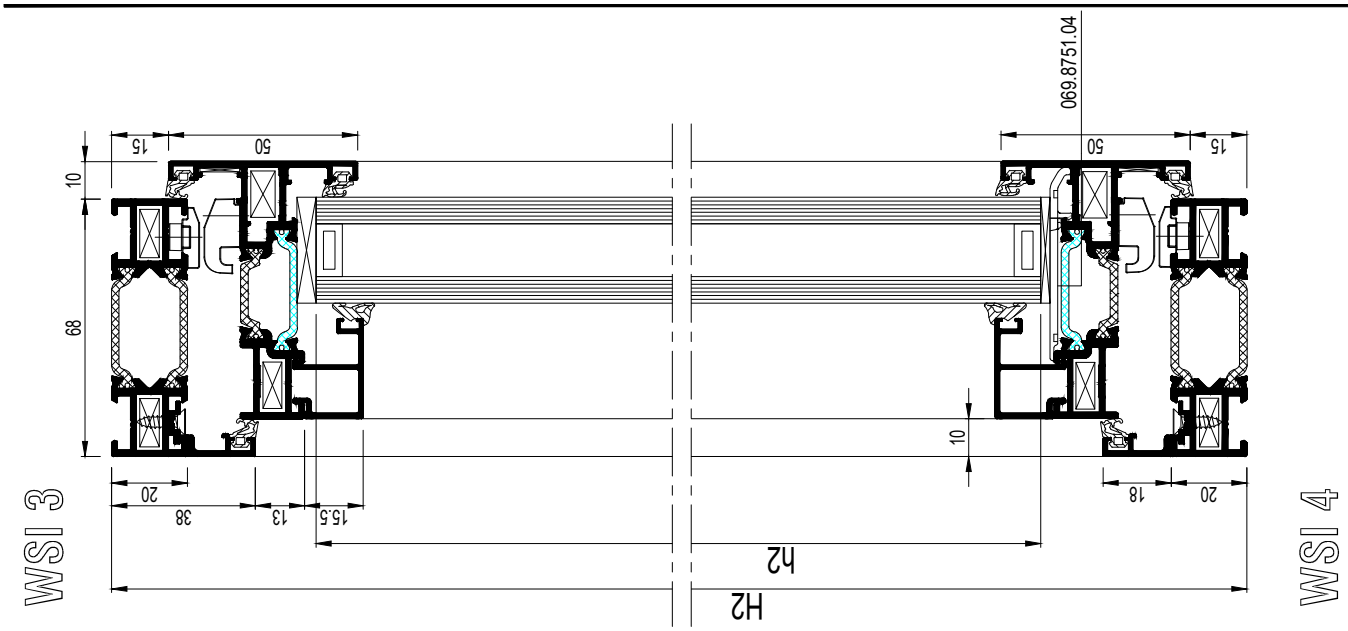
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

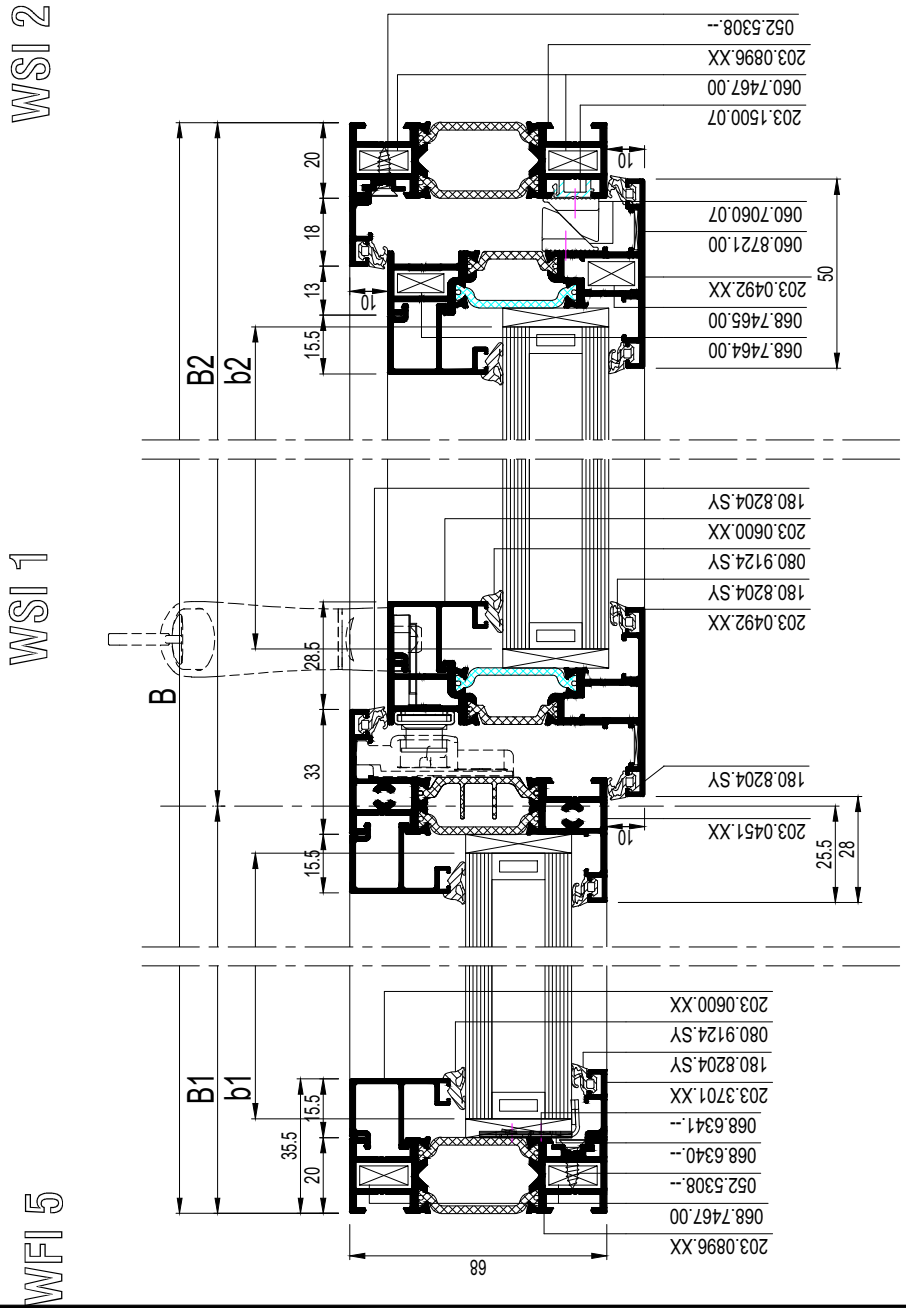
		#	Lm	
203.0896.XX		2	B	
		2	H	
203.0451.XX		1	H-40	
203.0492.XX		2	B2-17.5	
		2	H-30	
203.3701.XX		2	H-58	
		1	B1-63.5	
		1	B1-45.5	
		1	B2-63.5	
		1	B2-45.5	
203.0600.XX		2	B1-25	
		2	H-71	
		2	B2-89.5	
		2	H-133	
203.1500.07		16K.F. ...	16K.F. ...	

		#	
068.7467.00		8	
068.7464.00		4	
068.7465.00		4	
060.8721.00		4	
180.8204.SY		(4xh2) + (4xb2)	
		(2xH2) + (2xB2)	
180.8204.SY		(4xh1) + (4xb1)	
		(2xH1) + (2xB1)	
080.9124.SY		(2xb1) + (2xh1)	
		(2xb2) + (2xh2)	
052.5308.--		16K.F. ...	
068.6340.--		16K.F. ...	
068.6341.--		16K.F. ...	

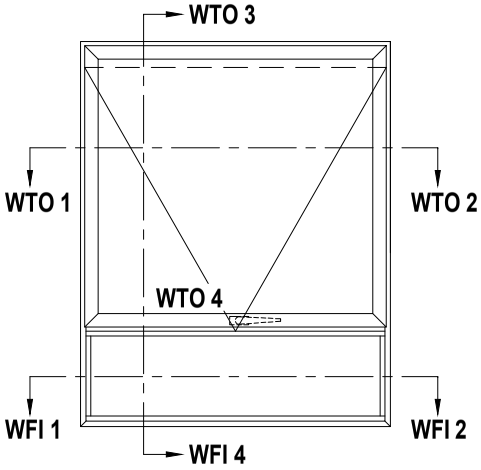
b1 = B1-37.5	
h1 = H-50	
b2 = B2-95.5	
h2 = H-108.5	

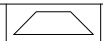
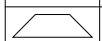
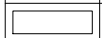
schaal - échelle
scale - Maßstab
1/2





schaal - échelle
scale - Maßstab
1/2

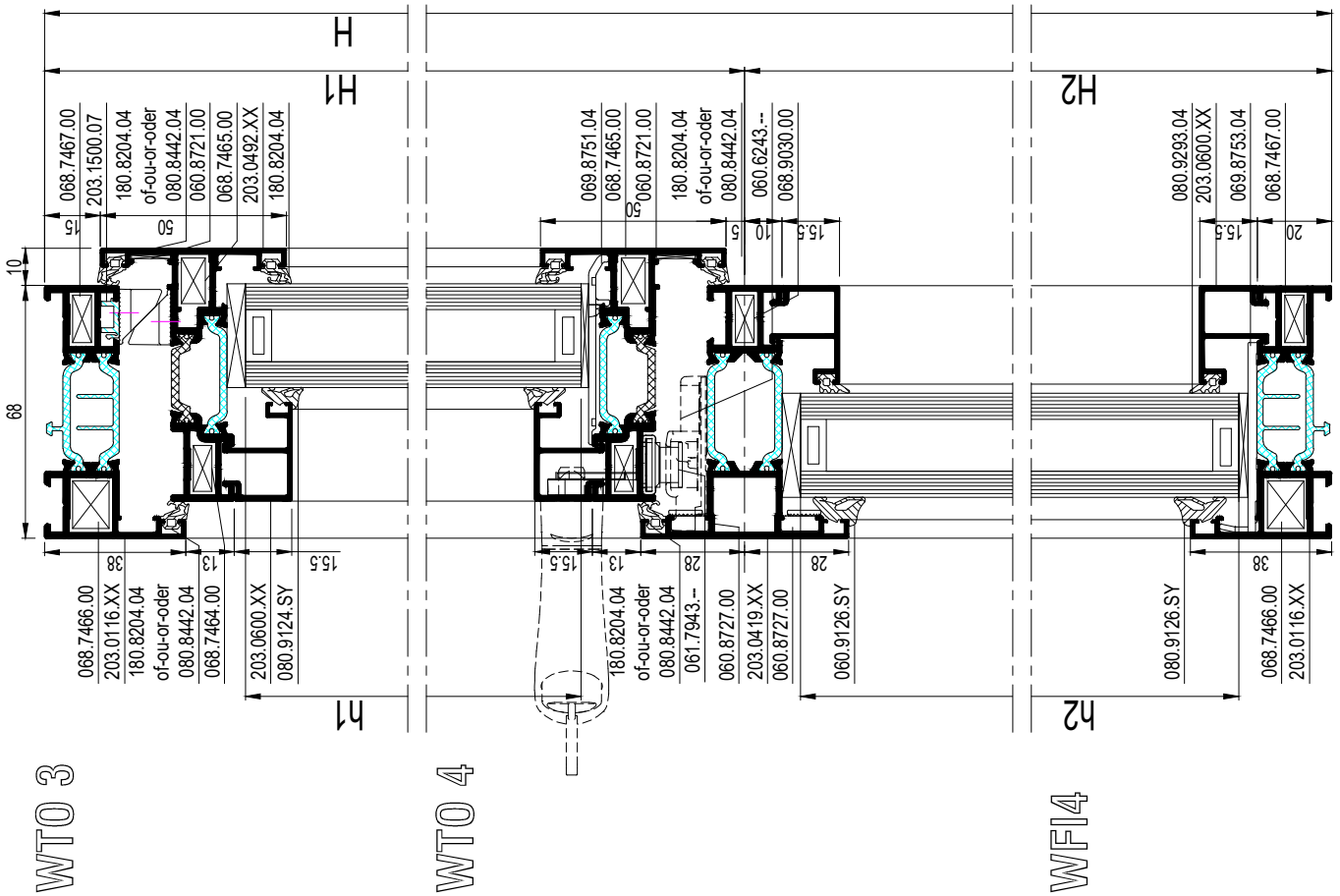


			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	B - 40
203.0492.XX			2	B - 30
			2	H1 - 20
203.0600.XX			2	B - 102
			2	H1 - 123
			2	B - 40
			2	H2 - 61
203.1500.07			16K.F..	16K.F. ...

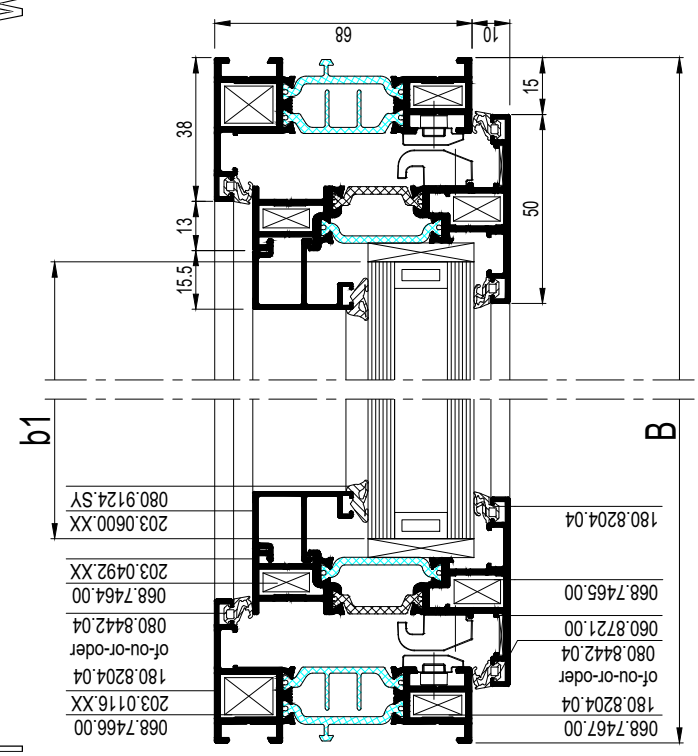
b1 = B - 108
h1 = H1 - 98
b2 = B - 50
h2 = H2 - 40

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9124.SY		(2xb1)+(2xh1)
080.9126.SY		(2xb2)+(2xh2)
080.9293.04		(2xb2)+(2xh2)
180.8204.04		(2xb1)+(2xh1)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8753.04		16K.F. ...
069.8751.04		16K.F. ...

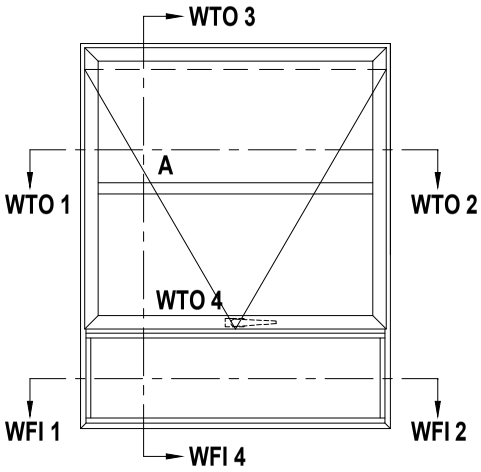
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F



WTO 2



schaal - échelle
scale - Maßstab
1/2



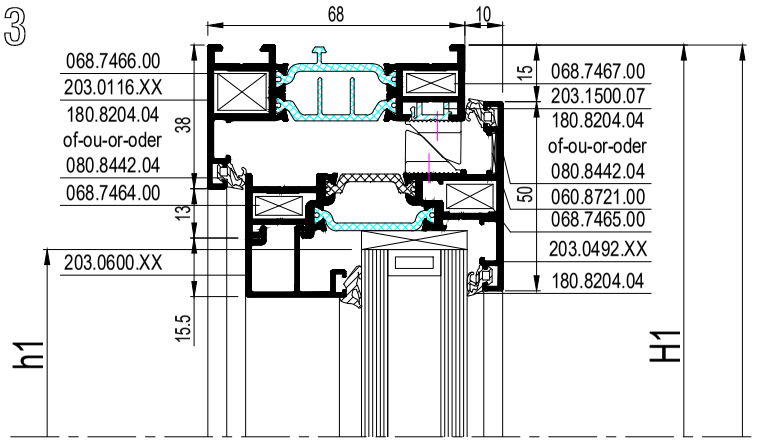
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9028.00		2
068.8727.00		4
068.9030.00		2
068.8727.00		4
060.8721.00		4
080.9124.SY		(2xb1)+(2xh1)
		(2xb1)+(2xh2)
080.9126.SY		(2xb2)+(2xh3)
080.9293.04		(2xb2)+(2xh3)
180.8204.04		(2xb1)+(2xh1)
		(2xb1)+(2xh3)
180.8204.04		(2xb1)+(2xH1)
		(2xb1)+(2xH3)
of-ou-or-oder		
080.8442.04		(2xb1)+(2xH1)
		(2xb1)+(2xH3)
069.8753.04		16K.F. ...
069.8751.04		16K.F. ...

			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	B - 40
			1	B - 102
203.0492.XX			2	B - 30
			2	(H1 + H2) - 20
203.0600.XX			4	B - 102
			2	H1 - 92
			2	H3 - 82
			2	B - 40
			2	H2 - 61
203.1500.07			16K.F..	16K.F. ...

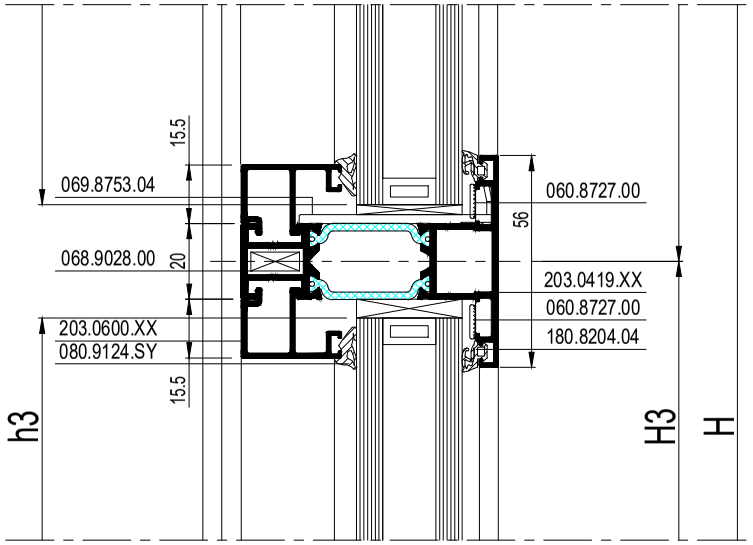
b1 = B - 108
h1 = H1 - 69
h2 = H2 - 40
h3 = H3 - 59
b2 = B - 50

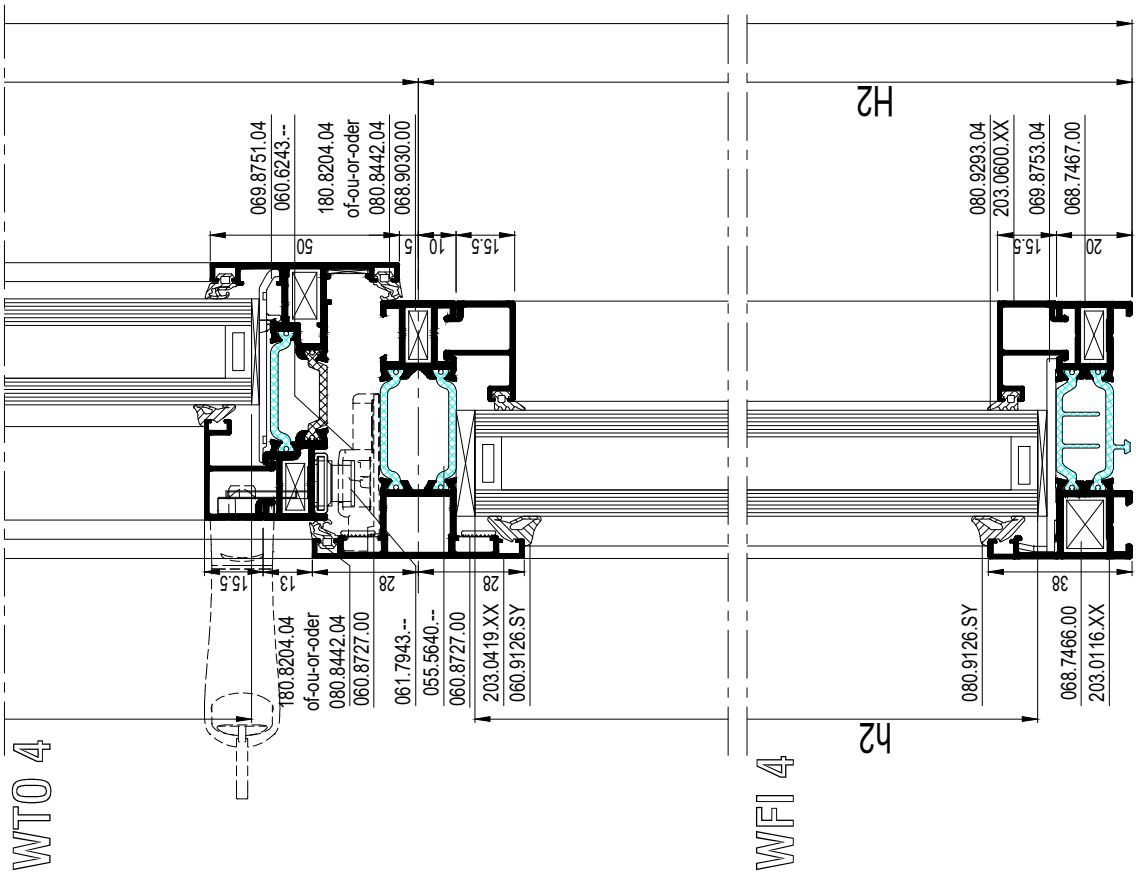
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

WTO 3



A



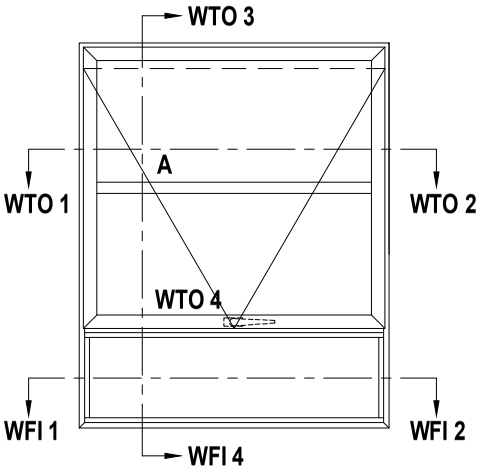


E

schaal - échelle
scale - Maßstab
1/2

SAMENGESTELD RAAM TOP HUNG BINNENBEGLAZING
FENETRE COMPOSEE TOP HUNG VITRAGE INTERIEUR
COMPOSITE WINDOW TOP HUNG INSIDE GLAZED
FENSTER MIT FESTEM PFOSTEN TOP HUNG INNENVERGLASUNG

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F



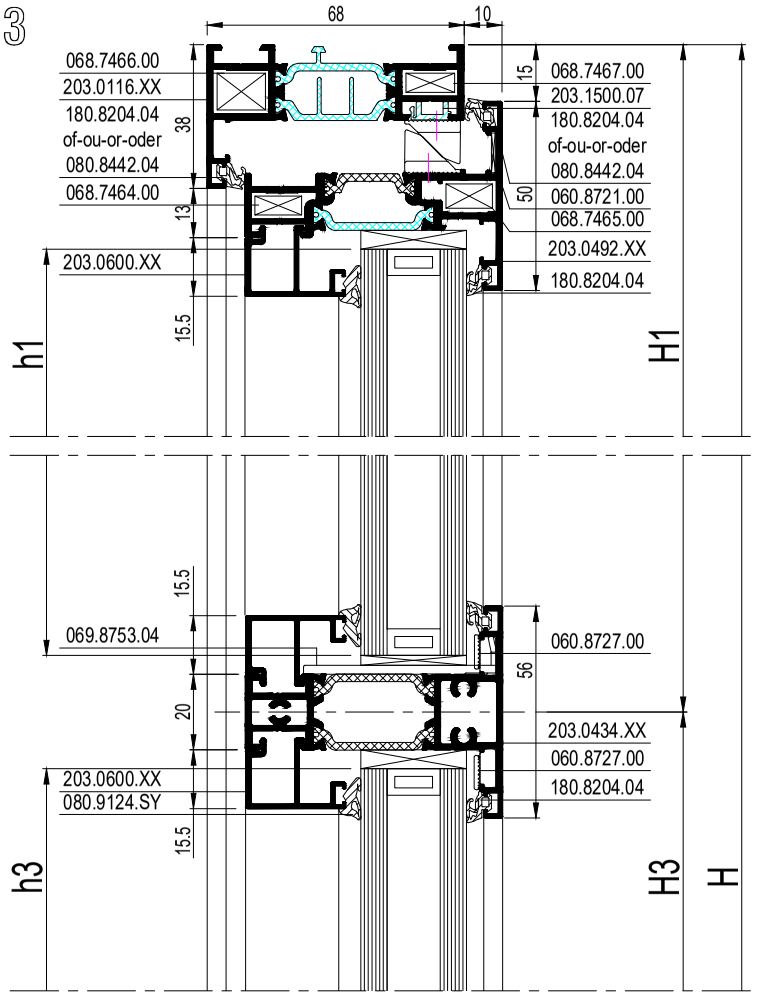
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9028.00		2
068.8727.00		4
068.9030.00		2
068.8727.00		4
060.8721.00		4
080.9124.SY		(2xb1)+(2xh1)
		(2xb1)+(2xh2)
080.9126.SY		(2xb2)+(2xh3)
080.9293.04		(2xb2)+(2xh3)
180.8204.04		(2xb1)+(2xh1)
		(2xb1)+(2xh3)
180.8204.04		(2xb1)+(2xH1)
		(2xb1)+(2xH3)
of-ou-or-oder		
080.8442.04		(2xb1)+(2xH1)
		(2xb1)+(2xH3)
069.8753.04		16K.F. ...
069.8751.04		16K.F. ...

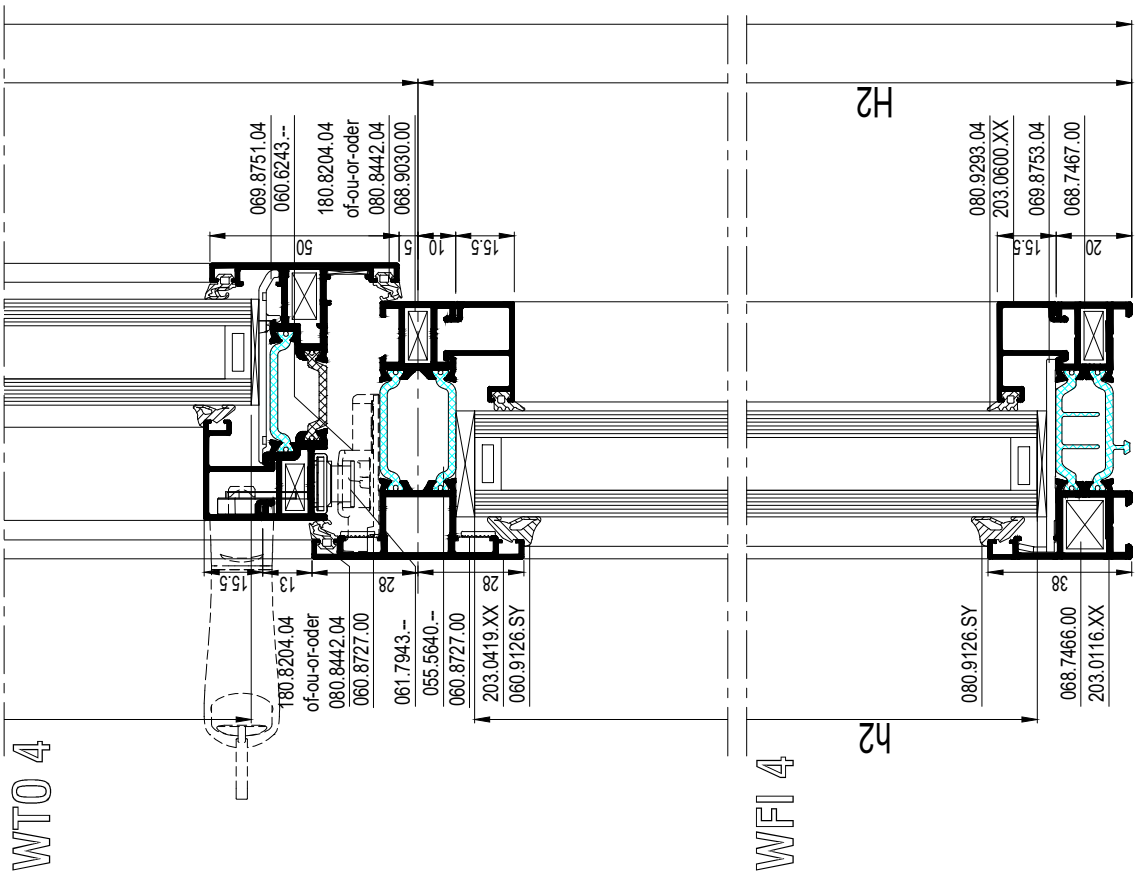
			#	Lm
203.0116.XX			2	B
			2	H
203.0434.XX			1	B - 40
			1	B - 102
203.0492.XX			2	B - 30
			2	(H1 + H2) - 20
203.0600.XX			4	B - 102
			2	H1 - 92
			2	H3 - 82
			2	B - 40
			2	H2 - 61
203.1500.07			16K.F..	16K.F. ...

b1 = B - 108
h1 = H1 - 69
h2 = H2 - 40
h3 = H3 - 59
b2 = B - 50

WTO 3

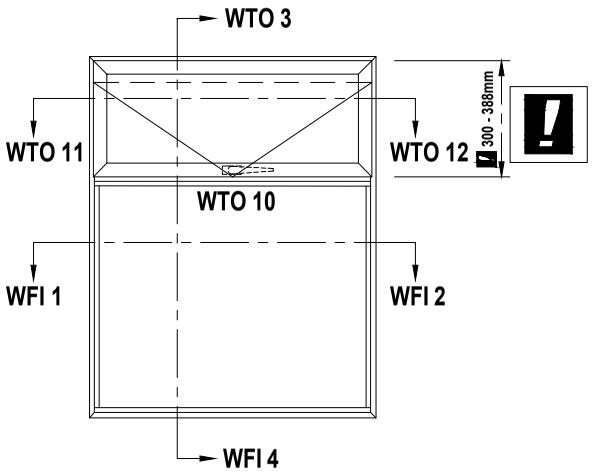
A





E

schaal - échelle
scale - Maßstab
1/2



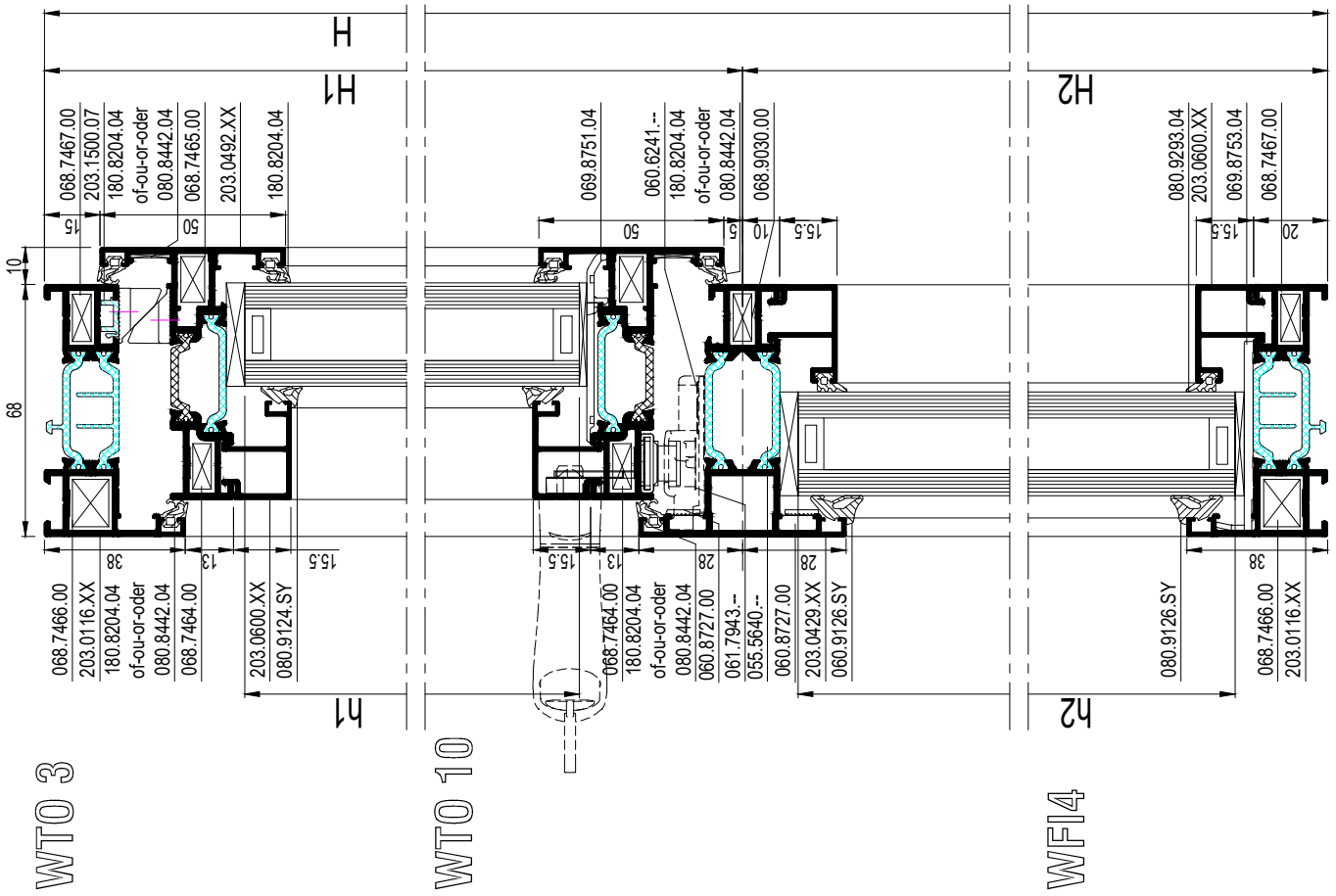
			#	Lm
203.0116.XX			2	B
			2	H
203.0429.XX !			1	B - 40
203.0492.XX			2	B - 30
			2	H1 - 20
203.0600.XX			2	B - 102
			2	H1 - 123
			2	B - 40
			2	H2 - 61
203.1500.07			16K.F..	16K.F. ...

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9124.SY		(2xb1)+(2xh1)
080.9126.SY		(2xb2)+(2xh2)
080.9293.04		(2xb2)+(2xh2)
180.8204.04		(2xb1)+(2xh1)
180.8204.04		(4xB)+(4xH1)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH1)
069.8753.04		16K.F. ...
069.8751.04		16K.F. ...

b1 = B - 108
h1 = H1 - 98
b2 = B - 50
h2 = H2 - 40

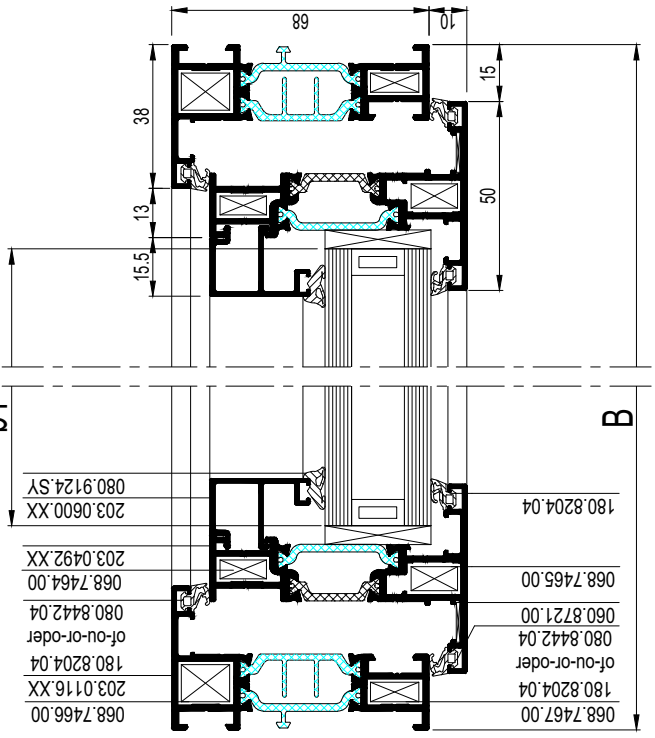
! ENKEL GEBRUIKEN BIJ VLEUGELHOOGTE 300 - 388 MM TOP HUNG
A UTILISER UNIQUEMENT POUR UNE HAUTEUR D'OUVRANT 300 - 388 MM TOP HUNG
ONLY USE FOR VENT HEIGHT 300 - 388 MM TOP HUNG
NUR VERWENDEN FÜR EINE FLÜGELHÖHE 300 - 388 MM TOP HUNG

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F



WTO 3 WTO 10 WFI4

WTO 12



WTO 11

schaal - échelle
scale - Maßstab
1/2

E

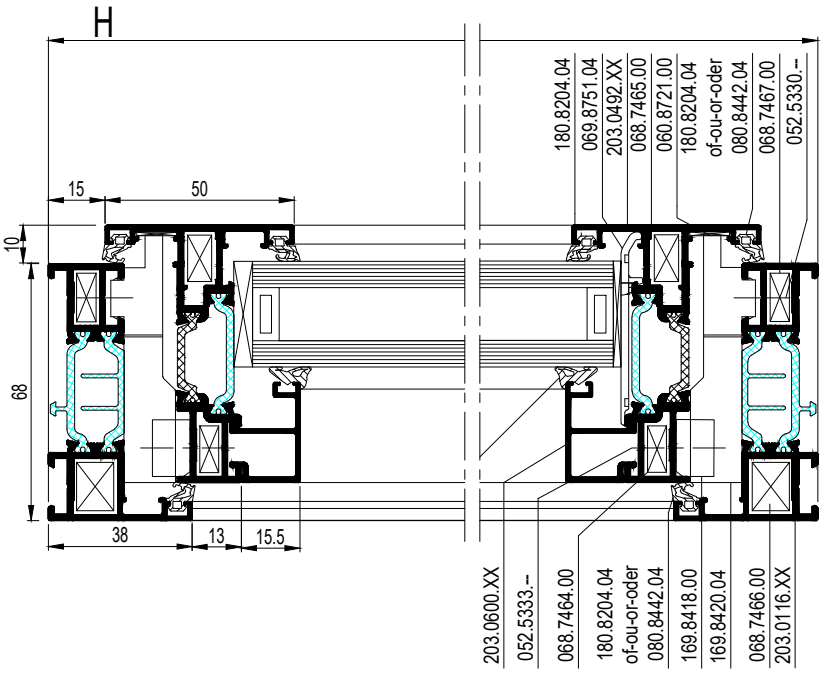
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+ (2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8751.04		16K.F. ...
169.8420.04		16K.F. ...
052.5333.--		16K.F. ...
052.5330.--		16K.F. ...
169.8418.00		16K.F. ...

		#	Lm
203.0116.XX		2	B
		2	H
203.0492.XX		2	B - 30
		2	H - 30
203.0600.XX		2	B - 133
		2	H - 102

b = B - 108
h = H - 108

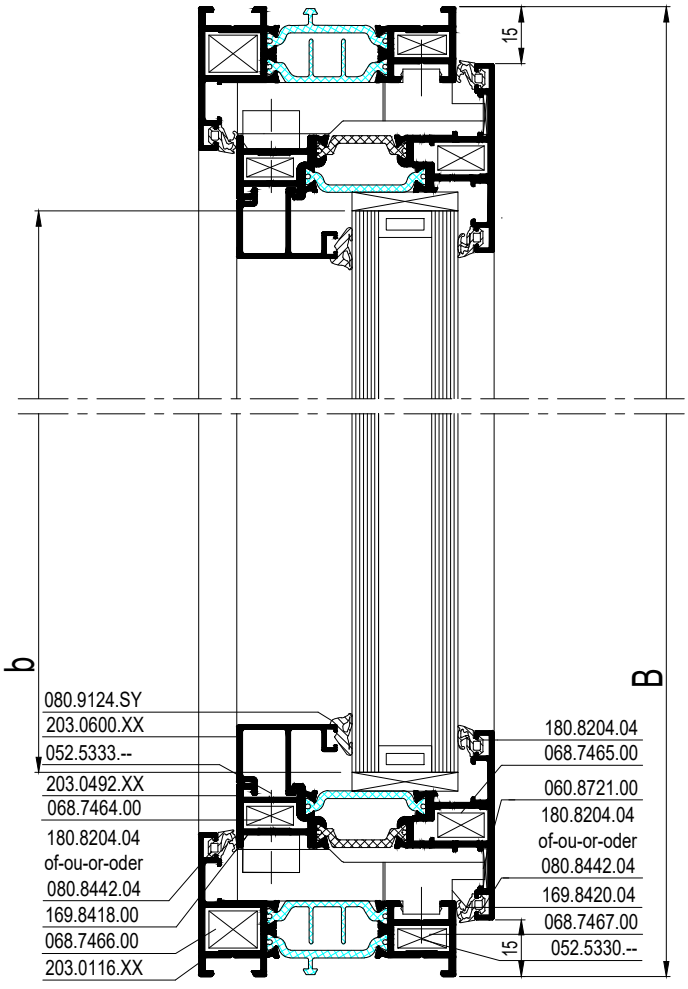
schaal - échelle
scale - Maßstab
1/2

WFV 11



WFV 12

WFV 10



WFV 9

schaal - échelle
scale - Maßstab
1/2

E

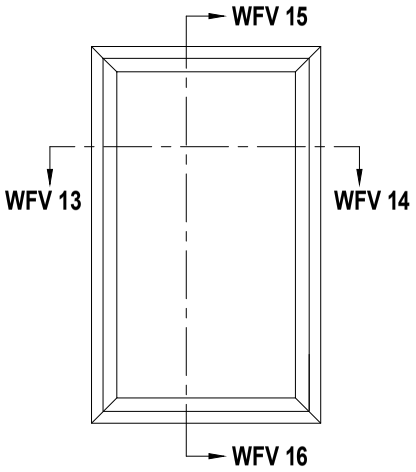
SL 68

VAST RAAM MET OMKEERPROFIEL
FENETRE FIXE AVEC PROFILE INVERSION
FIXED WINDOW WITH CHANGEOVER PROFILE
FESTVERGLASUNG MIT WECHSELPROFIML

		#
168.6520.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
080.9124.SY		(2xb)+ (2xh)
180.8204.04		(2xb)+(2xh)
069.8751.04		16K.F. ...
052.5313.--		(H/75)+(B/75)
180.9445.04		(2xB)+(2xH)
080.9381.04		(2xB)+(2xH)

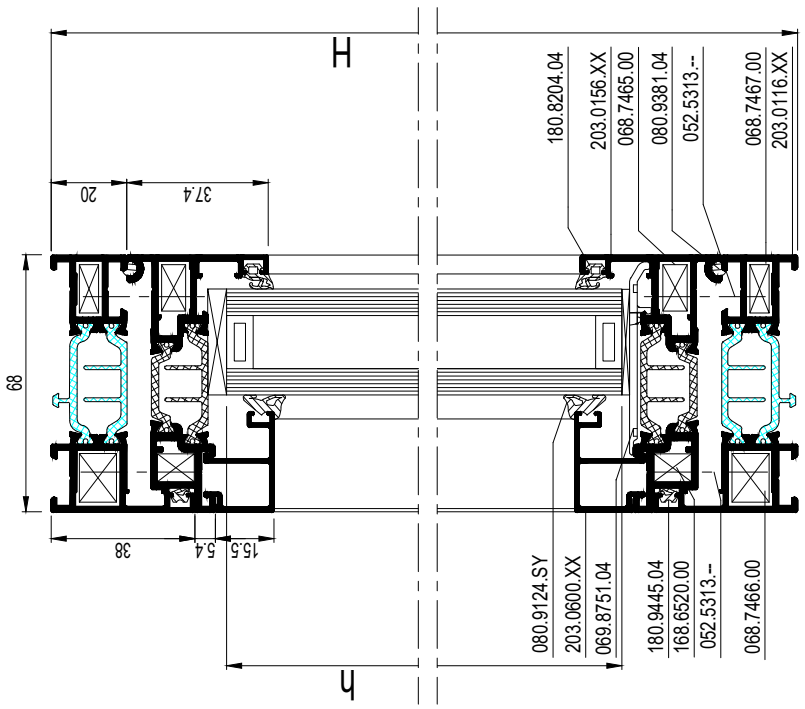
			#	Lm
203.0116.XX			2	B
			2	H
203.0156.XX			2	B - 41
			2	H - 41
203.0600.XX			2	B - 117.8
			2	H - 86.8

b = B - 92.8
h = H - 92.8



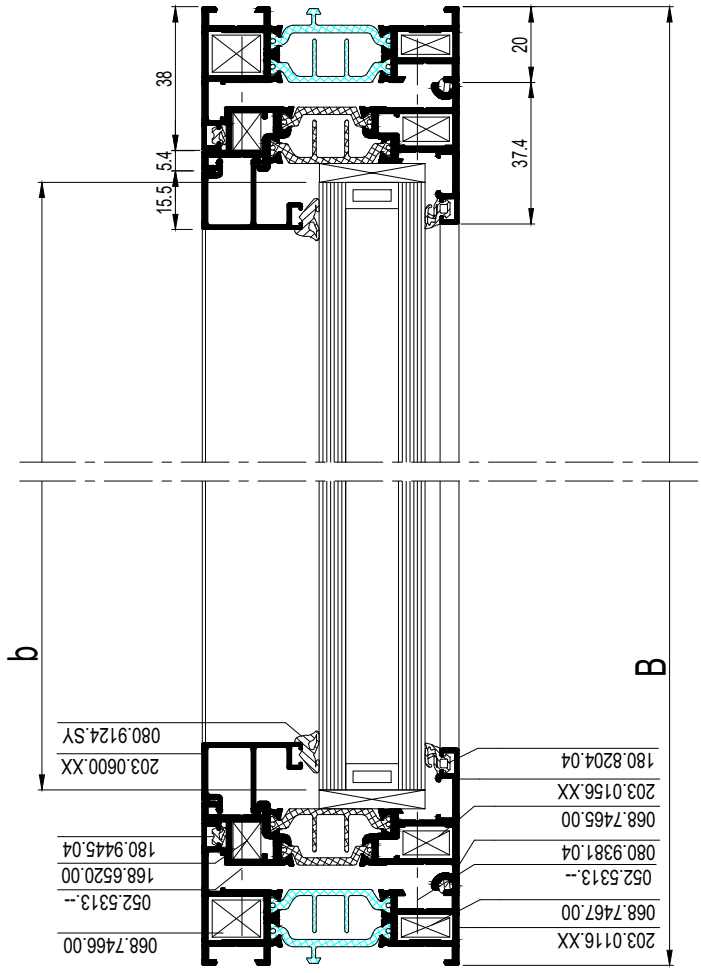
WFV 15

WFV 16



WFV 14

WFV 13



schaal - échelle
scale - Maßstab
1/2

E

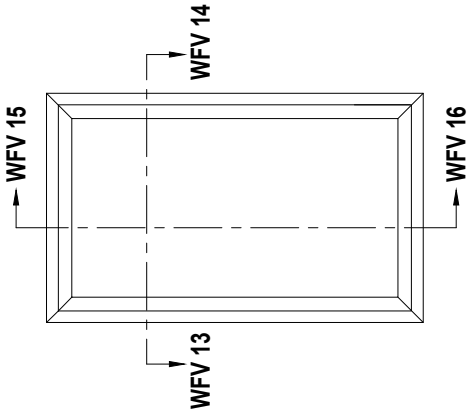
203.0116.XX			2	B	
			2	H	
203.0156.XX			2	B - 41	
			2	H - 41	
203.0600.XX			2	B - 117.8	
			2	H - 86.8	

b = B - 92.8	
h = H - 92.8	

168.6520.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
080.9124.SY		(2xb)+ (2xh)
180.8204.04		(2xb)+(2xh)
069.8751.04		16K.F. ...
052.5313.--		(H/75)+(B/75)
180.9445.04		(2xB)+(2xH)
080.9381.04		(2xB)+(2xH)

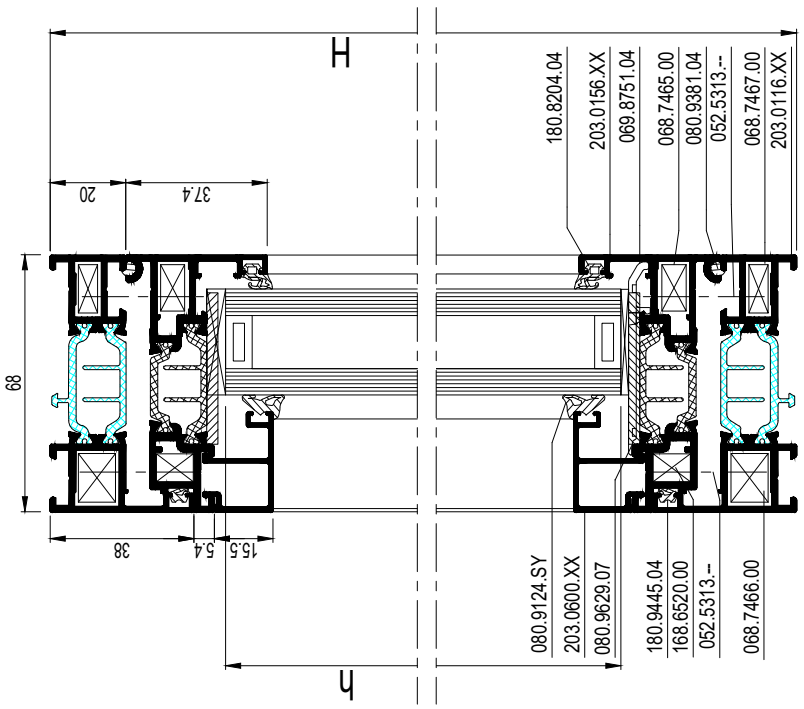
+

080.9124.SY	(2xb)+(2xh)



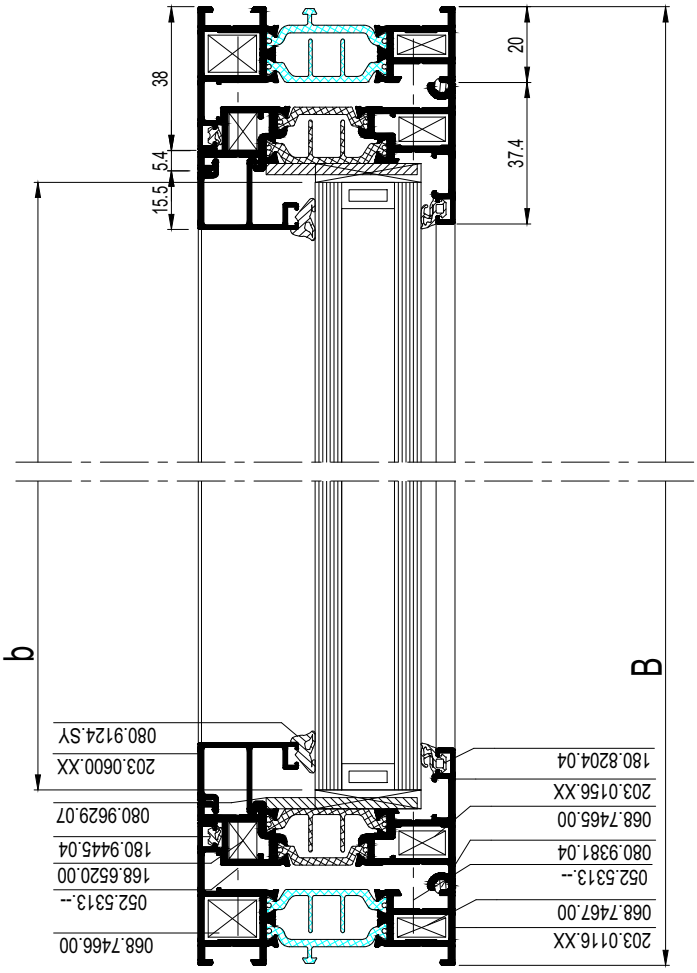
schaal - échelle
scale - Maßstab
1/2

WFV 15



WFV 16

WFV 14



WFV 13

schaal - échelle
scale - Maßstab
1/2

E

		#
168.6520.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
080.9124.SY		(2xb)+ (2xh)
180.8204.04		(2xb)+(2xh)
069.8751.04		16K.F. ...
052.5313.--		(H/75)+(B/75)
180.9445.04		(2xB)+(2xH)
080.9381.04		(2xB)+(2xH)

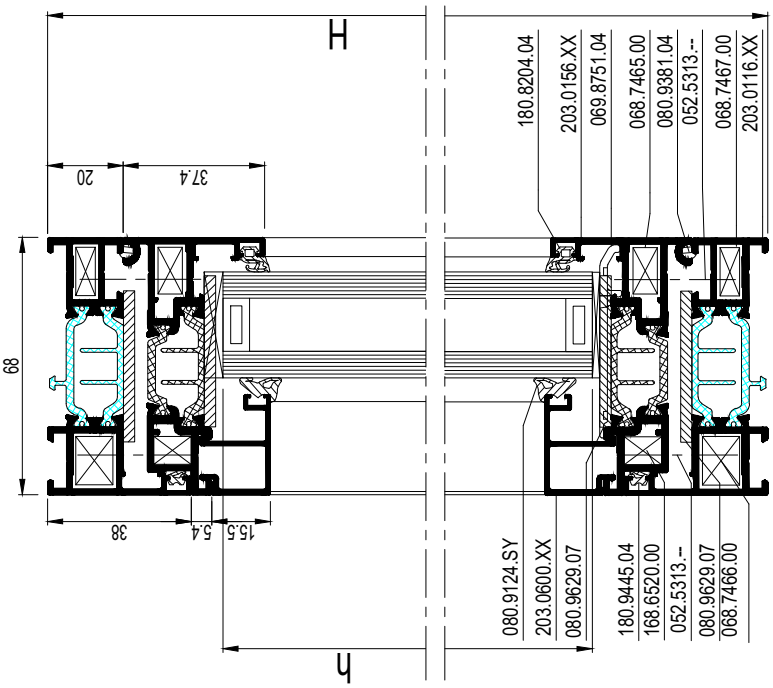
+

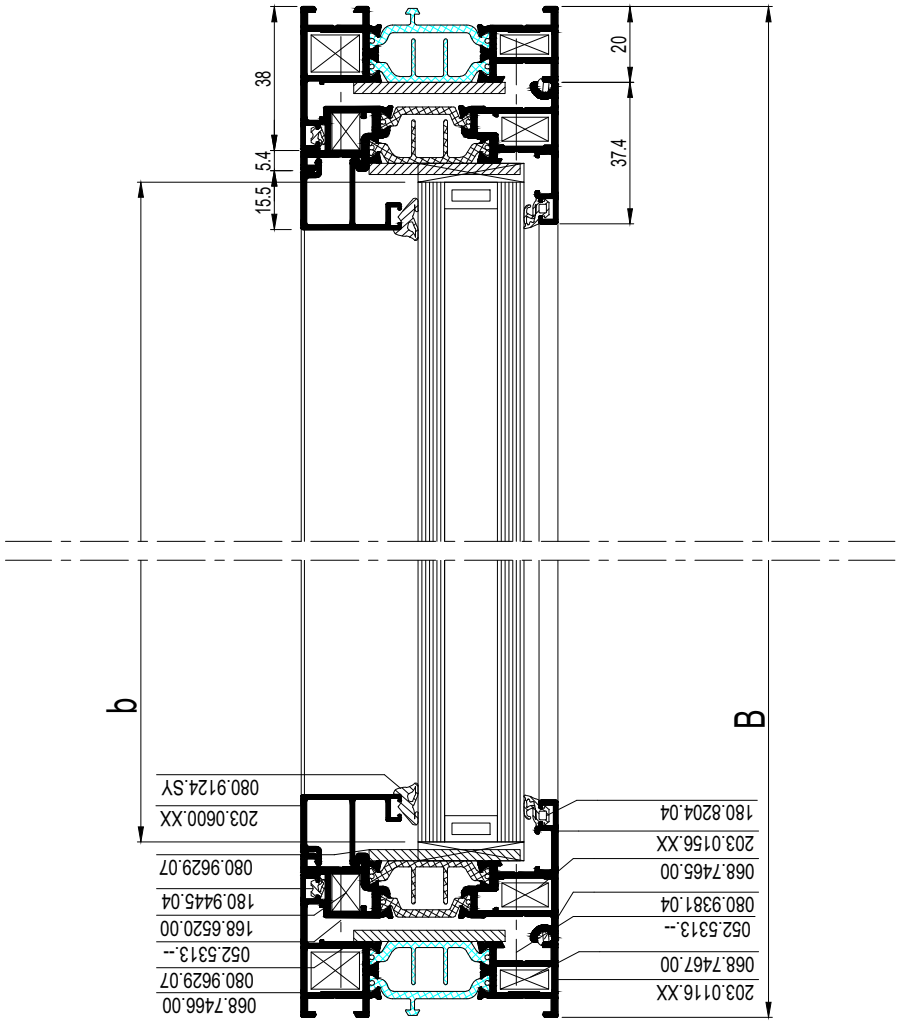
		#
080.9124.SY	—	(2xb)+(2xh)
080.9124.SY	—	(2xB)+(2xH)

		#	Lm
203.0116.XX		2	B
		2	H
203.0156.XX		2	B - 41
		2	H - 41
203.0600.XX		2	B - 117.8
		2	H - 86.8

b = B - 92.8	
h = H - 92.8	

schaal - échelle
scale - Maßstab
1/2



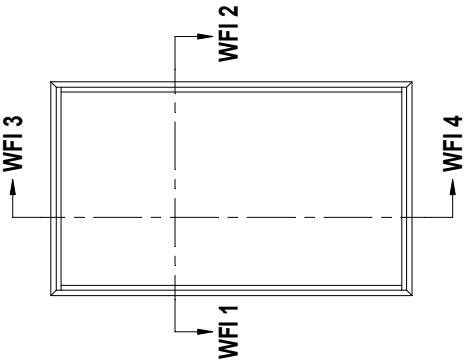


schaal - échelle
scale - Maßstab
1/2

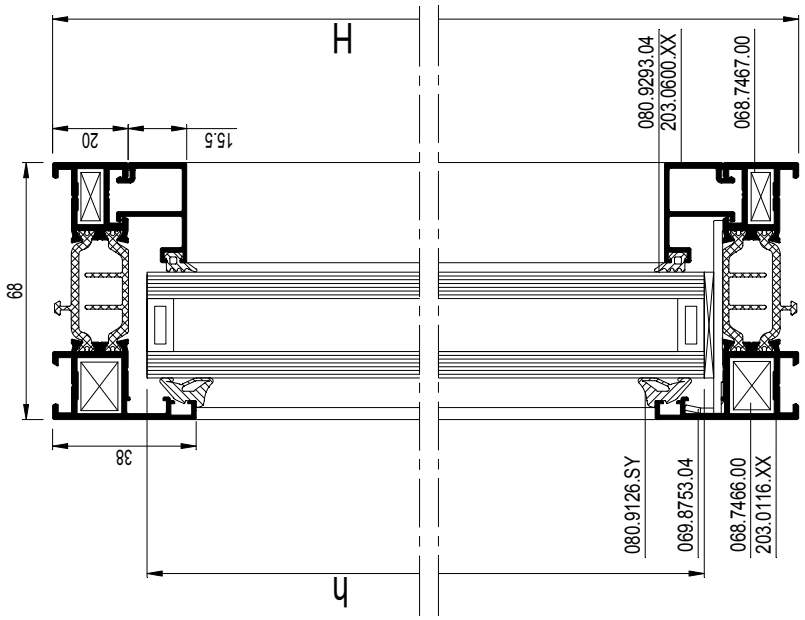
		#
068.7466.00		4
068.7467.00		4
080.9126.SY		(2xb) + (2xh)
080.9293.04		(2xb) + (2xh)
069.8753.04		16K.F. ...

			#	Lm
203.0116.XX			2	B
			2	H
203.0600.XX			2	B - 40
			2	H - 71

b = B - 50
h = H - 50

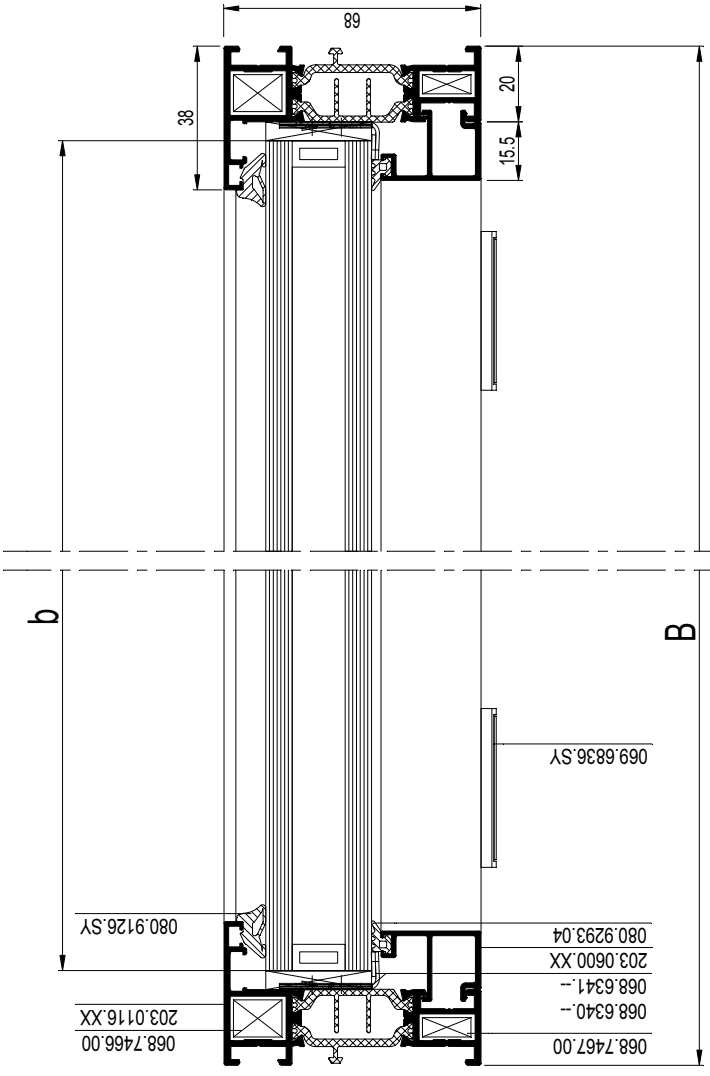


WFI 3



WFI 4

WFI 2

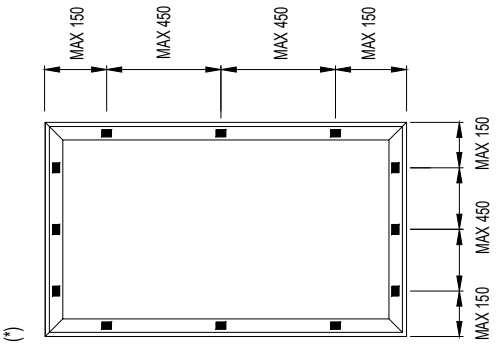


WFI 1

schaal - échelle
scale - Maßstab
1/2

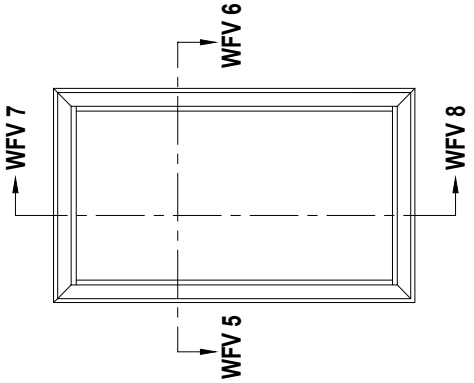
E

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
069.6822.07		(*)
052.5318.--		(*)
052.5331.--		(*)
080.9126.SY		(2xb)+(2xh)
080.9293.04		(2xb)+(2xh)
180.8204.04		(2xB)+(2xH)
of-ou-or-oder		
080.8442.04		(2xB)+(2xH)
180.9825.04		(2xB)+(2xH)
069.8752.04		16K.F. ...
052.5331.--		8+4/500 mm
052.5335.--		8+4/500 mm
069.6822.07		8+4/500 mm

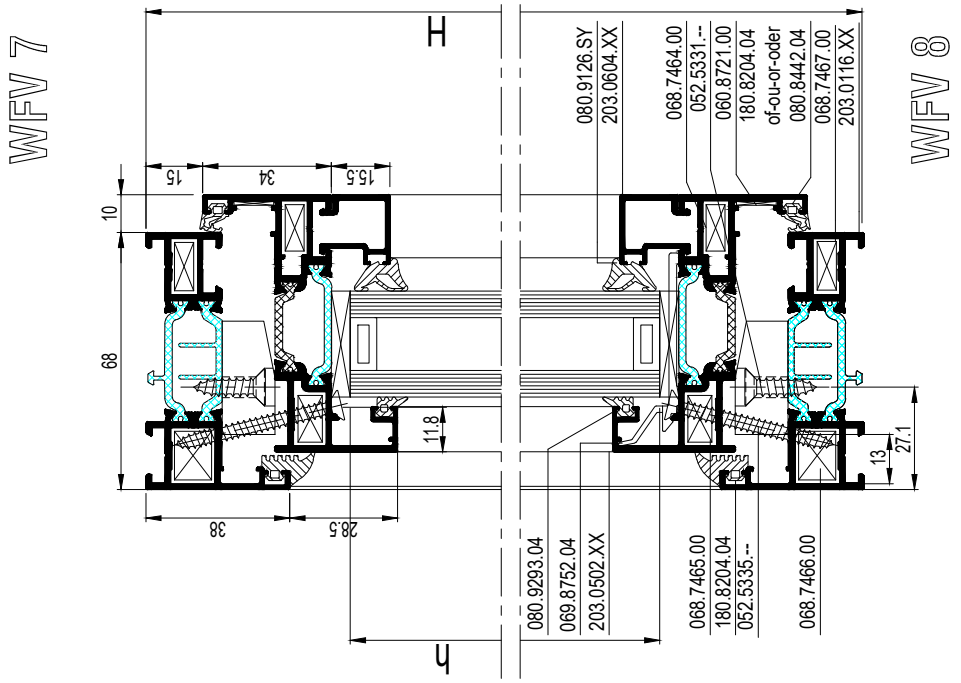


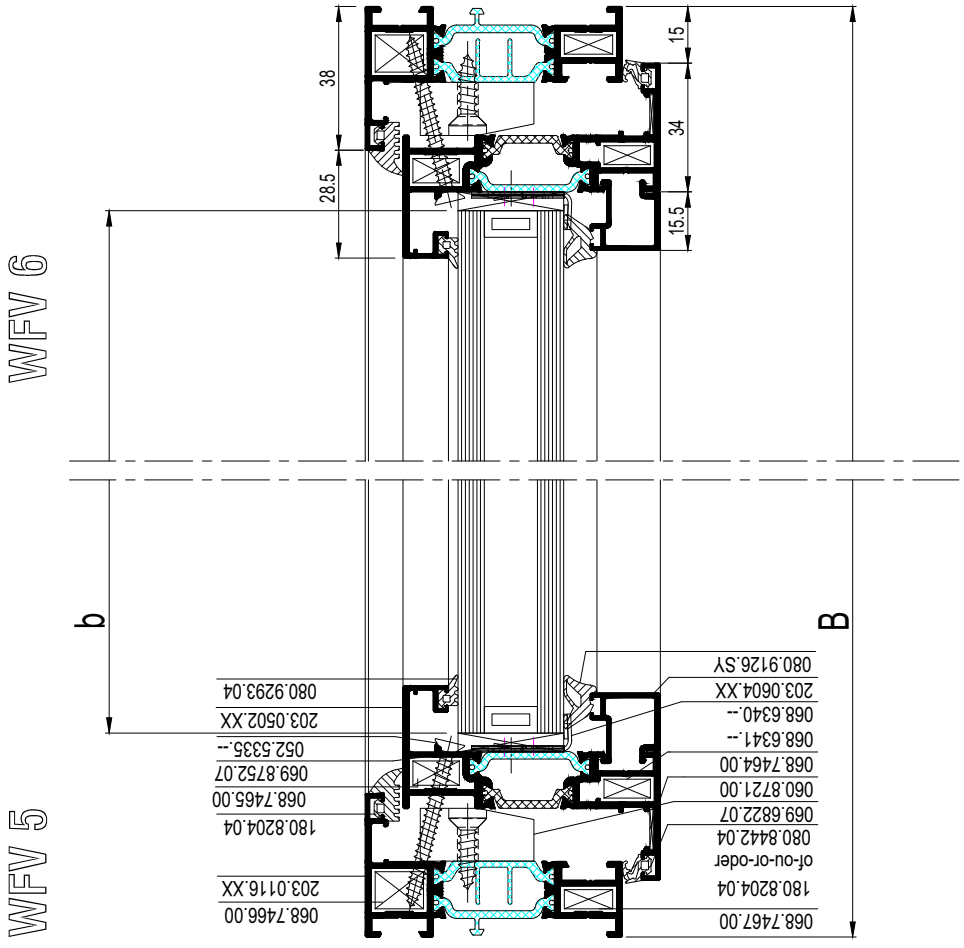
		#	Lm
203.0116.XX		2	B
		2	H
203.0502.XX		2	B1 - 20
		2	H - 30
203.0604.XX		2	B - 98
		2	H - 129

b = B - 108
h = H - 108



E





schaal - échelle
scale - Maßstab
1/2

E

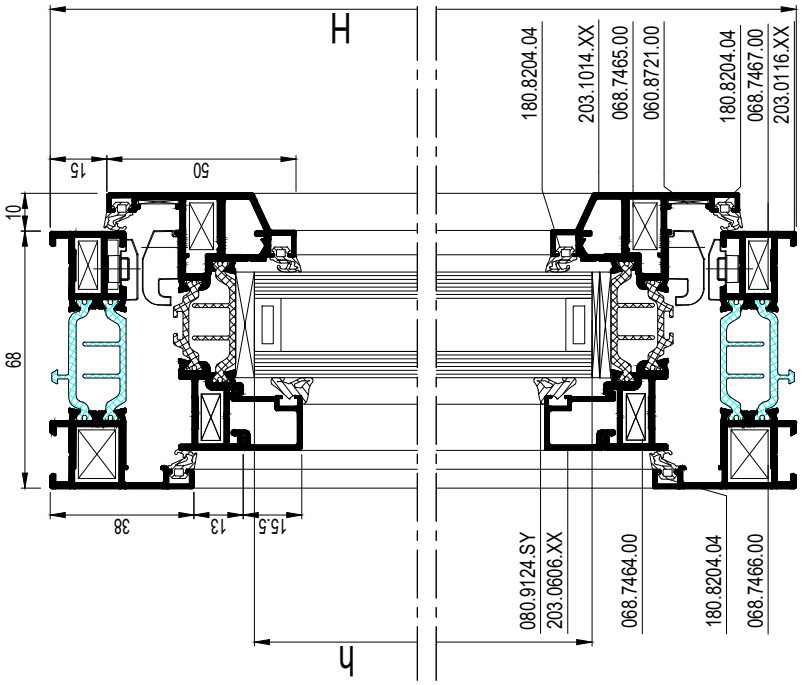
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+(2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)

			#	Lm
203.0116.XX			2	B
			2	H
203.1014.XX			2	B - 30
			2	H - 30
203.0606.XX			2	B - 133
			2	H - 102
203.1500.07			16K.F...	16K.F. ...

b = B - 108
h = H - 108

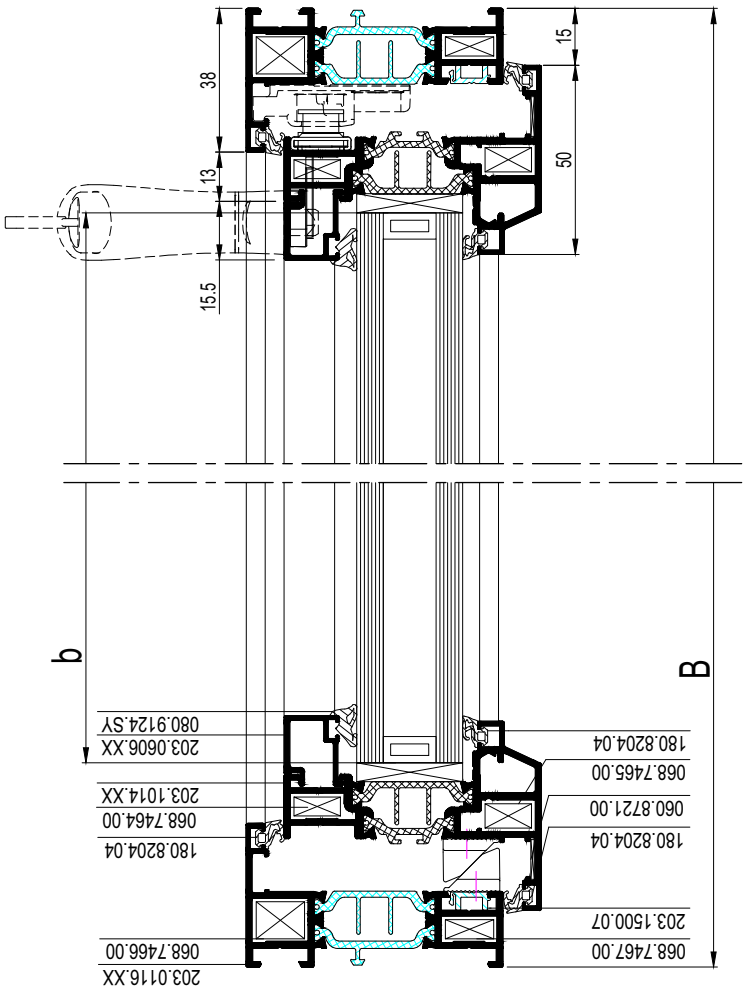
schaal - échelle
scale - Maßstab
1/2

WS0 23



WS0 24

WS0 22



WS0 21

schaal - échelle
scale - Maßstab
1/2

E

			#	Lm	
203.0216.XX			2	B	
			2	H	
203.1314.XX			2	B - 30	
			2	H - 30	
203.0606.XX			2	B - 133	
			2	H - 102	
203.1500.07			16K.F...	16K.F. ...	

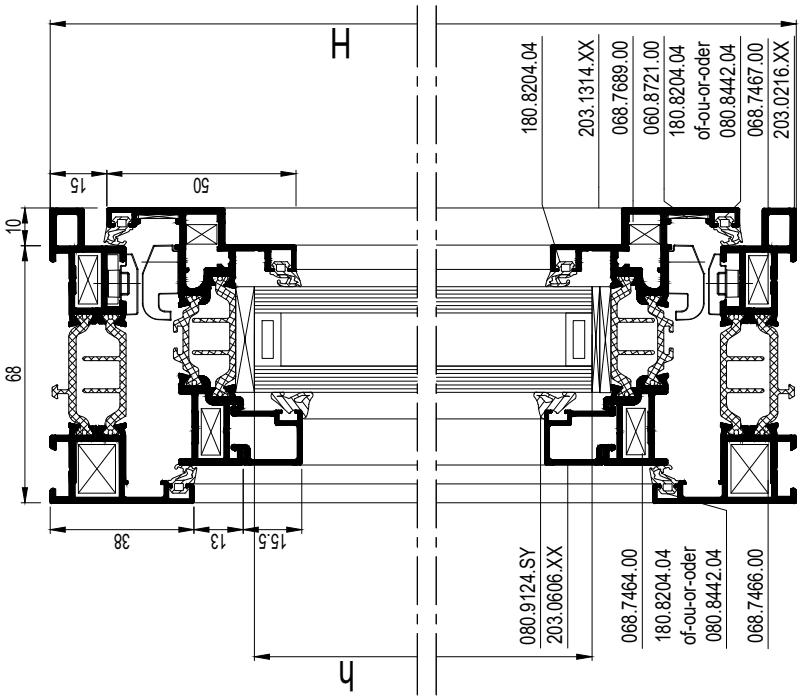
b = B - 108	
h = H - 108	

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9124.SY		(2xb)+(2xh)
180.8204.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

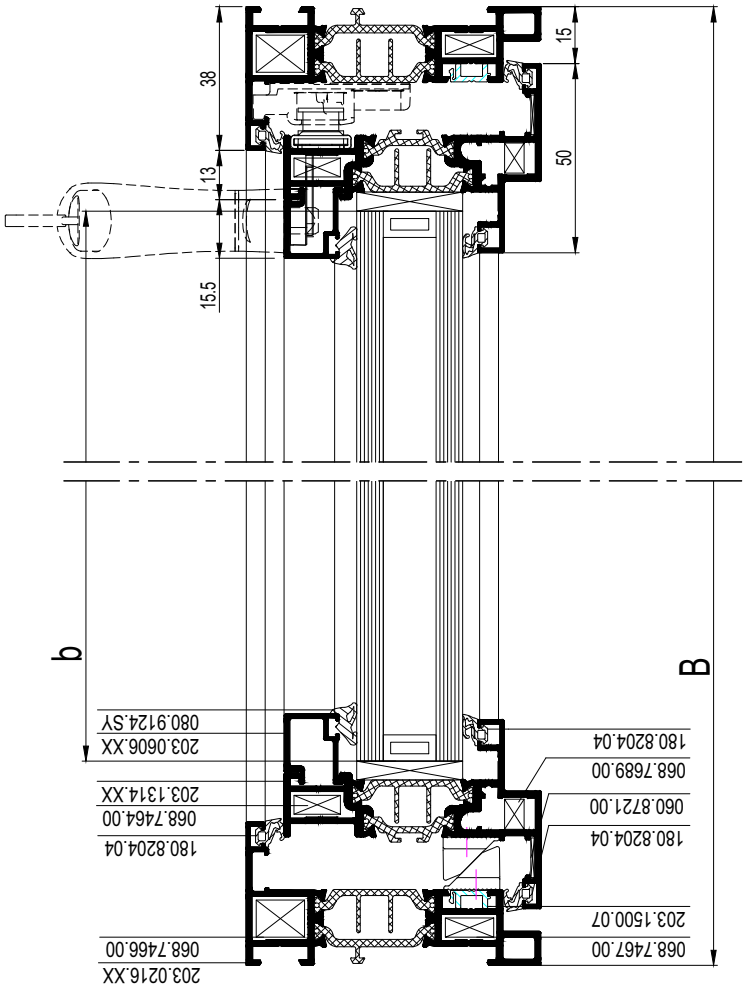
schaal - échelle
scale - Maßstab
1/2

WS0 19



WS0 20

WS0 18



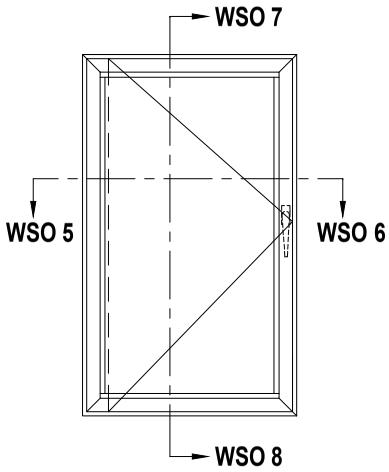
WS0 17

E

schaal - échelle
scale - Maßstab
1/2

SL 68

RAAM NAAR BUITENDRAAIEND BUITENBEGLAZING
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE EXTERIEUR
WINDOW OUTWARD OPENING OUTER GLAZING
FENSTER NACH AUSSEN OEFFNEND AUSSENVERGLASUNG

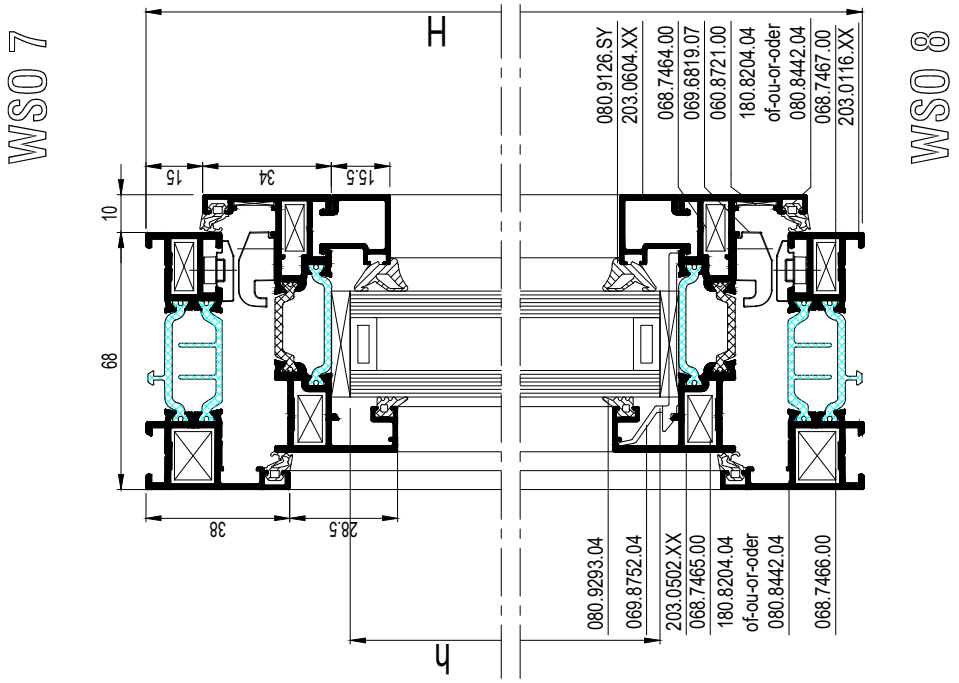


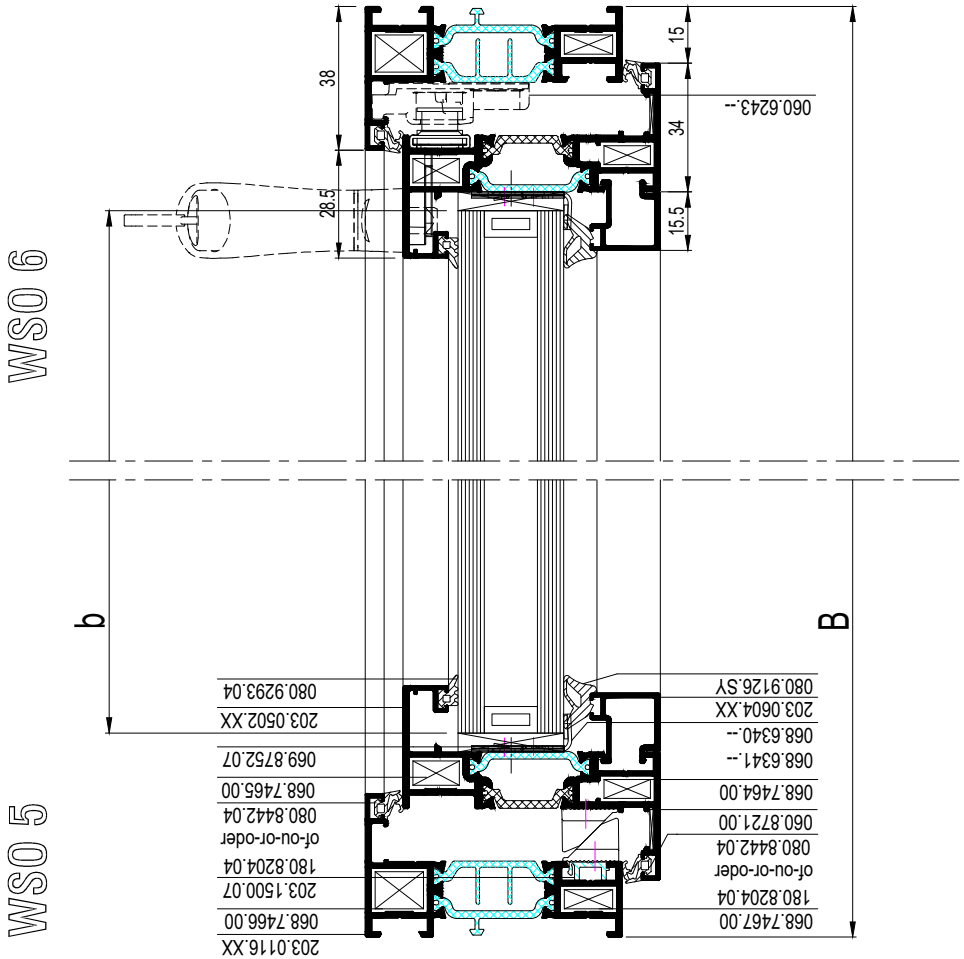
			#	Lm
203.0116.XX			2	B
			2	H
203.0502.XX			2	B - 30
			2	H - 30
203.0604.XX			2	B - 98
			2	H - 129
203.1500.07			16K.F..	16K.F. ...

b = B - 108	
h = H - 108	

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9126.SY		(2xb)+(2xh)
080.9293.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8752.04		16K.F. ...

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F





schaal - échelle
scale - Maßstab
1/2

E

			#	Lm	
203.0116.XX			2	B	
			2	H	
203.0502.XX			2	B - 30	
			2	H - 30	
203.0604.XX			2	B - 98	
			2	H - 129	
203.1500.07			16K.F..	16K.F. ...	

b = B - 108	
h = H - 108	

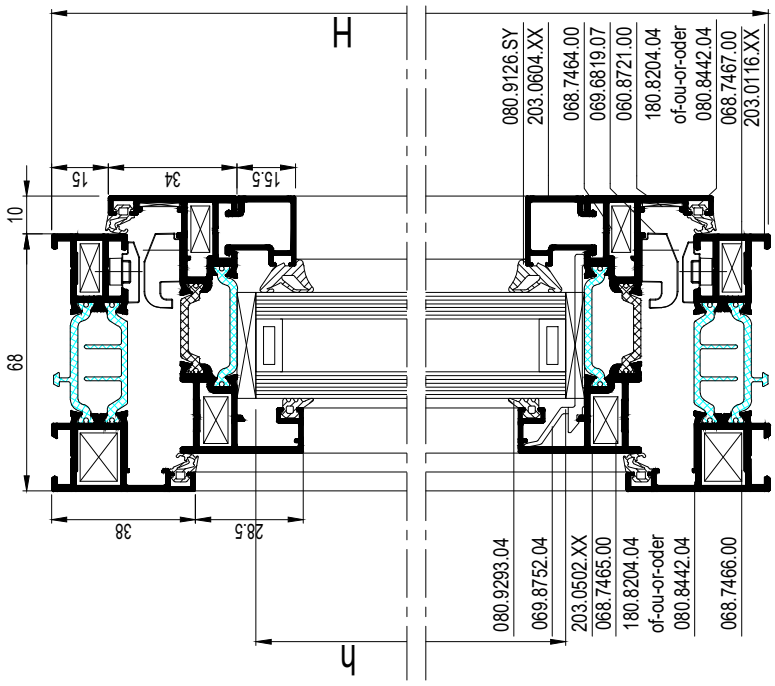
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9126.SY		(2xb)+(2xh)
080.9293.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8752.04		16K.F. ...

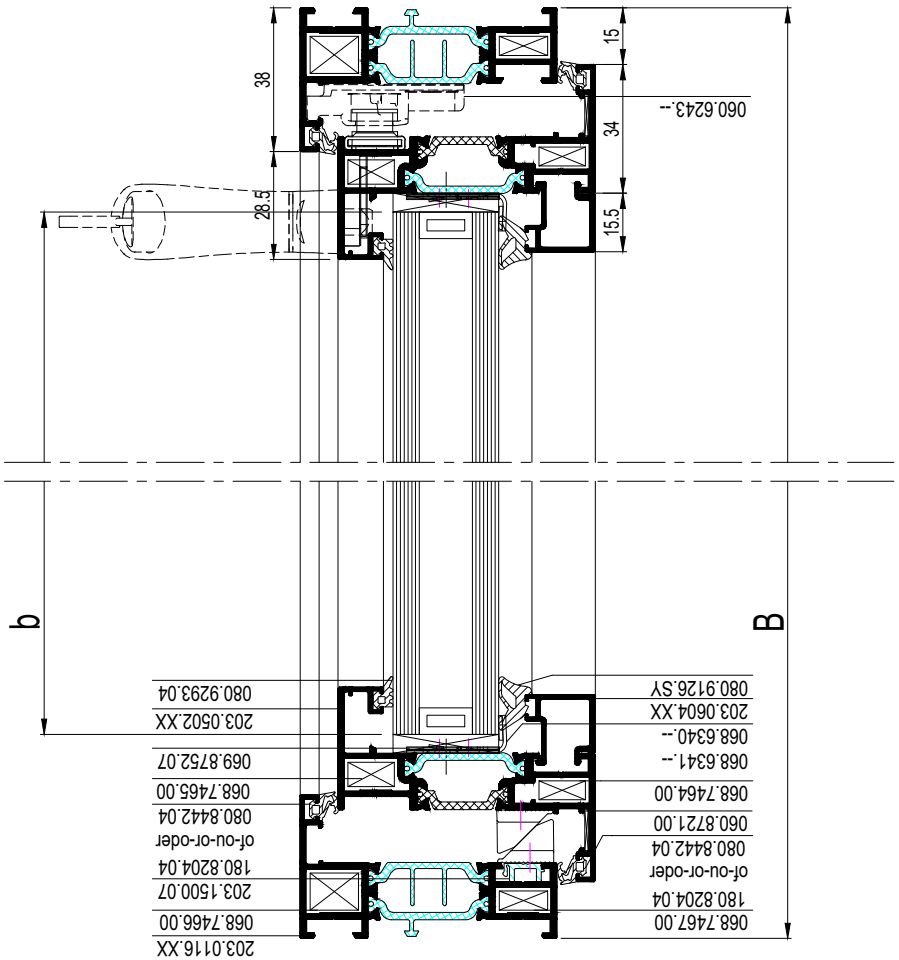
+

080.9124.SY	—	(2xb)+(2xh)

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

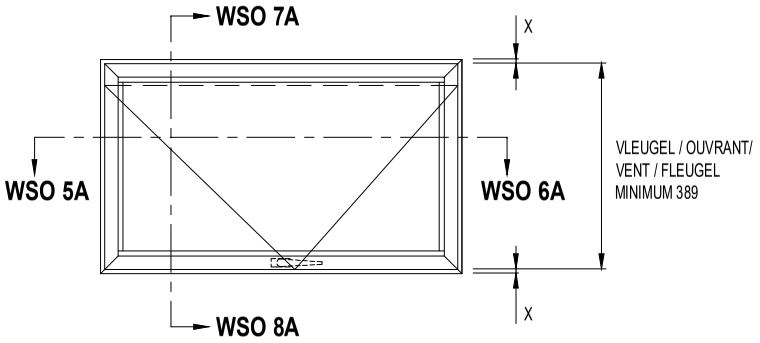
schaal - échelle
scale - Maßstab
1/2





schaal - échelle
scale - Maßstab
1/2

E



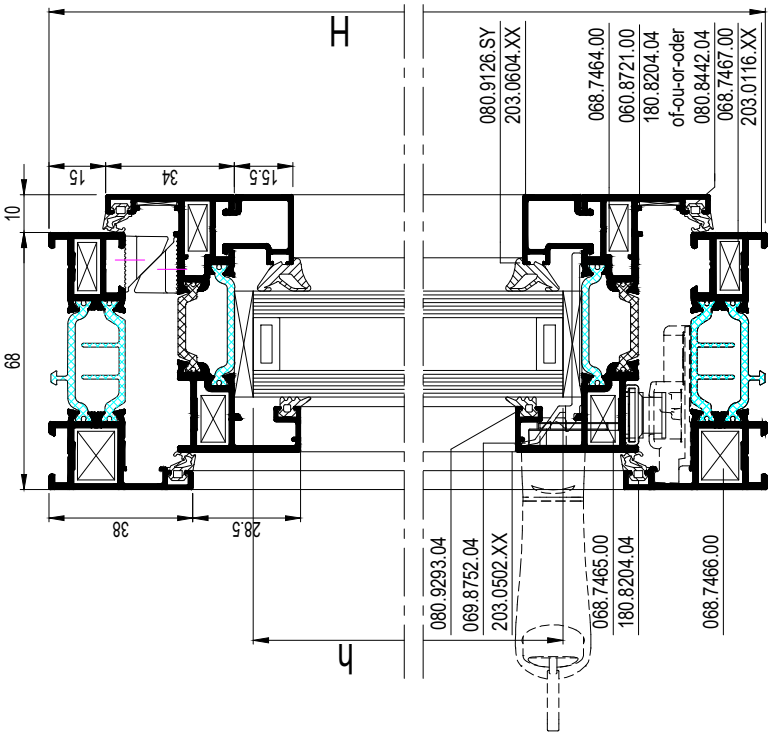
			#	Lm
203.0116.XX			2	B
			2	H
203.0502.XX			2	B1 - 20
			2	H - 30
203.0604.XX			2	B - 98
			2	H - 129
203.1500.07			16K.F..	16K.F. ...

b = B - 108
h = H - 108

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8727.00		4
060.8721.00		4
080.9126.SY		(2xb)+(2xh)
080.9293.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8752.04		16K.F. ...

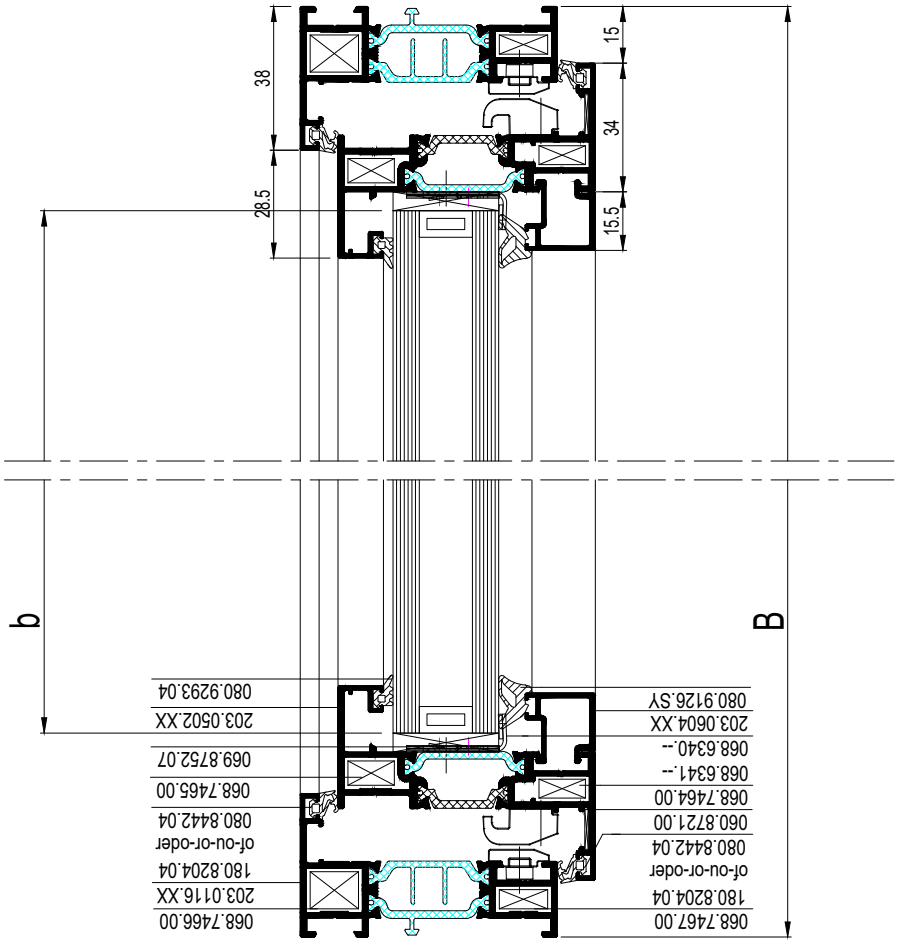
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

WSO 7A



WSO 8A

WSO 6A



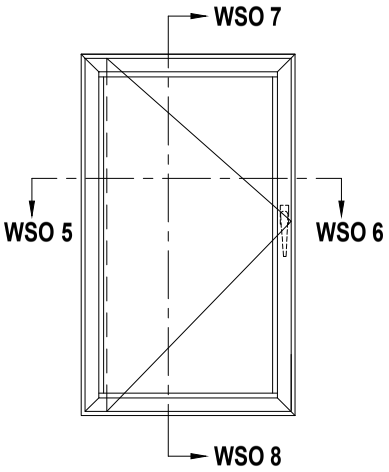
WSO 5A

schaal - échelle
scale - Maßstab
1/2

E

SL 68

RAAM NAAR BUITENDRAAIEND BUITENBEGLAZING ST -> HI
FENETRE OUVRANT VERS L'EXTERIEUR VITRAGE EXTERIEUR ST -> HI
WINDOW OUTWARD OPENING OUTER GLAZING ST -> HI
FENSTER NACH AUSSEN OEFFNEND AUSSENVERGLASUNG ST -> HI



		#	Lm
203.0116.XX		2	B
		2	H
203.0502.XX		2	B - 30
		2	H - 30
203.0604.XX		2	B - 98
		2	H - 129
203.1500.07		16K.F..	16K.F. ...

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
060.8721.00		4
080.9126.SY		(2xb)+(2xh)
080.9293.04		(2xb)+(2xh)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8752.04		16K.F. ...

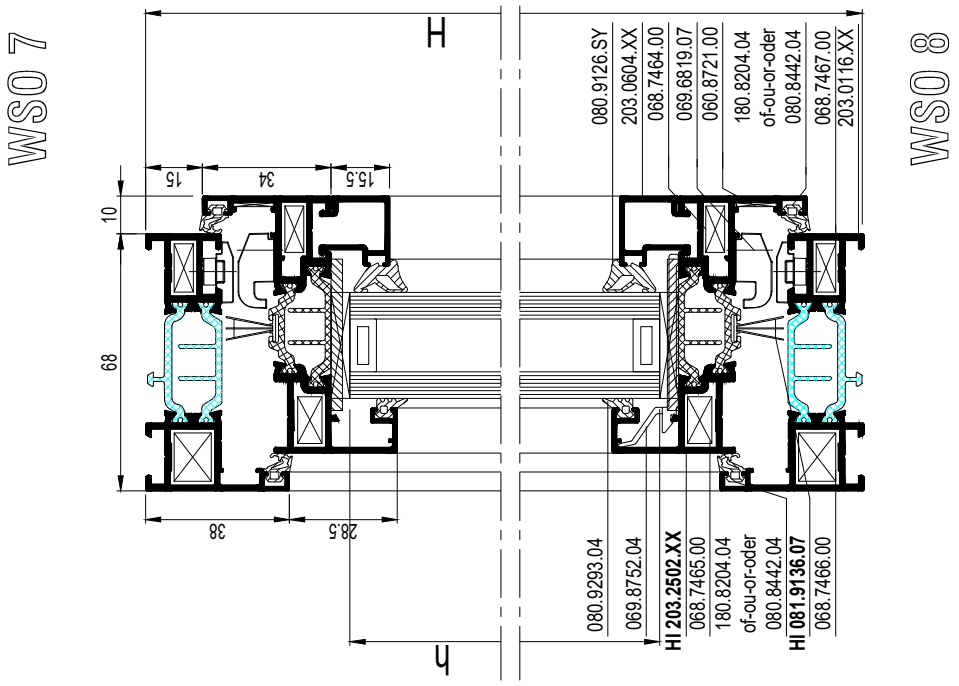
203.2502.XX		2	B - 30
		2	H - 30

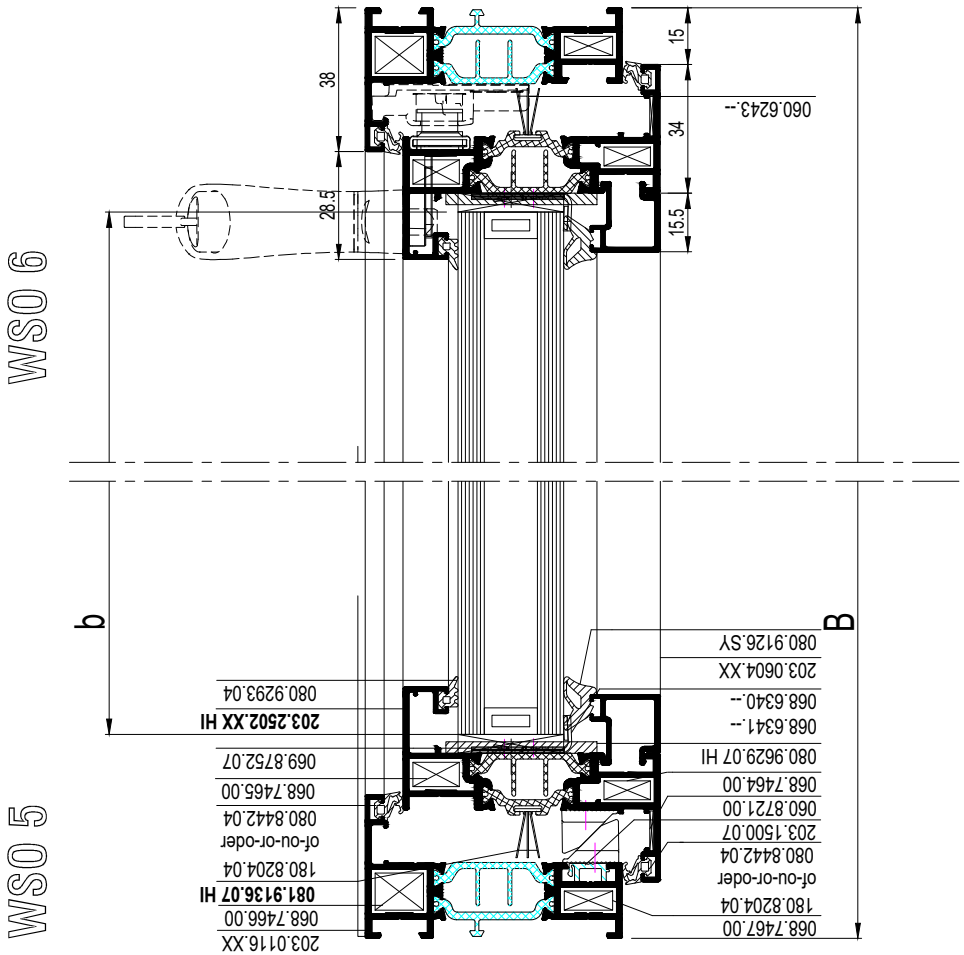
+

081.9136.07		(2xB) + (2xH)
080.9629.07		(2xB) + (2xH)

b = B - 108
h = H - 108

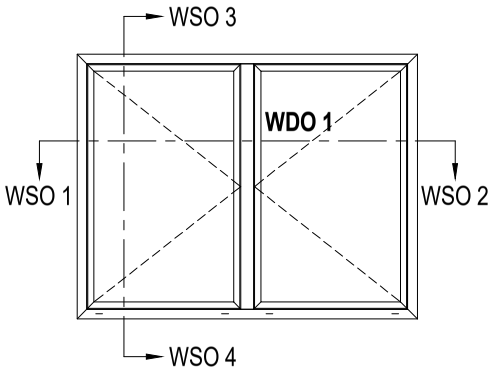
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F





E

schaal - échelle
scale - Maßstab
1/2



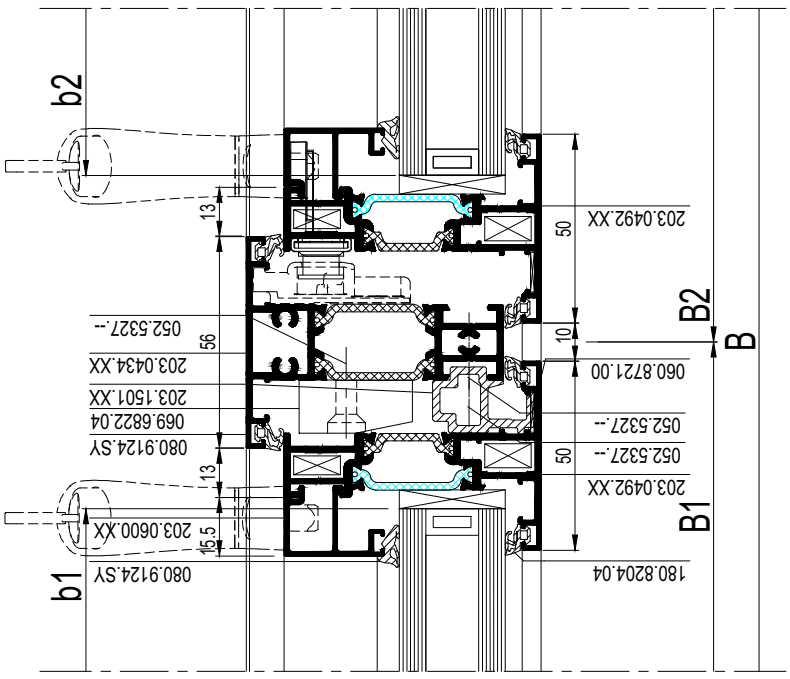
			#	Lm
203.0116.XX			2	B
			2	H
203.0492.XX			2	B1 - 20
			2	H - 30
203.0492.XX			2	B2 - 20
			2	H - 30
203.0434.XX			1	H-88
203.0600.XX			2	B1 - 123
			2	H - 102
			2	B2 - 123
			2	H - 102
203.1501.XX			1	H-152
203.1500.07			16K.F...	16K.F. ...

b1 = B1 - 98
h1 = H - 108
b2 = B2 - 98
h2 = H - 108

		#
068.7464.00		8
068.7465.00		8
068.7466.00		4
068.7467.00		4
060.8721.00		8
080.9124.SY		(2xb1)+(2xh)
		(2xb2)+(2xh)
180.8204.04		(6xb1)+(6xh)
		(6xb2)+(6xh)
069.8751.04		16K.F. ...
052.5312.--		2
050.5170.--		6
052.5327.--		16K.F ...
069.6480.04		1
069.6822.07		16K.F ...

SL 68

STOLPRAAM
DOUBLE OVRANT
FRENCH CASEMENT
STULPFENSTER



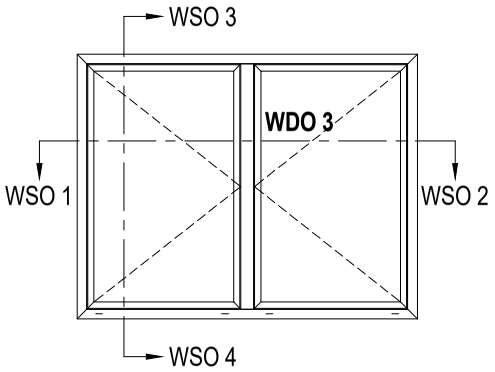
WD0 1

schaal - échelle
scale - Maßstab
1/2

E

SL 68

STOLPRAAM
DOUBLE OVRANT
FRENCH CASEMENT
STULPFENSTER



		#	Lm
203.0116.XX		2	B
		2	H
203.0492.XX		2	B1 - 20
		2	H - 30
203.0492.XX		2	B2 - 20
		2	H - 30
203.0434.XX		1	H-88
203.0600.XX		2	B1 - 123
		2	H - 102
		2	B2 - 123
		2	H - 102
203.1501.00		1	H-216

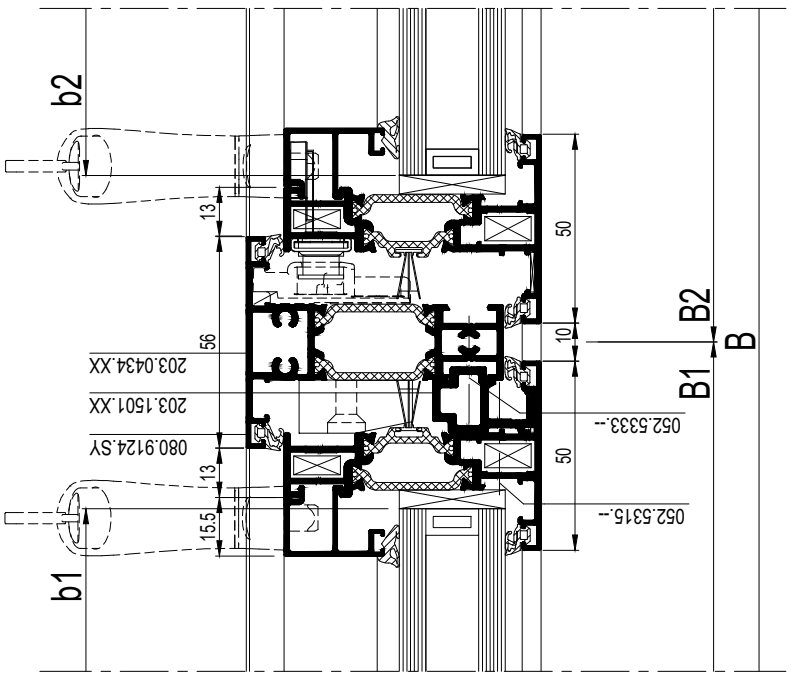
b1 = B1 - 98
h1 = H - 108
b2 = B2 - 98
h2 = H - 108

	#
068.7464.00	8
068.7465.00	8
068.7466.00	4
068.7467.00	4
060.8721.00	8
080.9124.SY	(2xb1)+(2xh)
	(2xb2)+(2xh)
180.8204.04	(2xb1)+(2xh)
	(2xb2)+(2xh)
180.8204.04	(4xb1)+(4xh)
of-ou-or-oder	
080.8442.04	(4xb1)+(4xh)
180.8204.04	(4xb2)+(4xh)
of-ou-or-oder	
080.8442.04	(4xb2)+(4xh)
069.8751.04	16K.F. ...
052.5315.--	H/300 mm
052.5333.--	H/300 mm
052.5327.--	2
069.6480.04	1

203.2492.XX			2	B1 - 30
			2	H - 30
203.2492.XX			2	B2 - 30
			2	H - 30

+

081.9136.07		(2xB) + (4xH)



WD0 2

schaal - échelle
scale - Maßstab
1/2

E

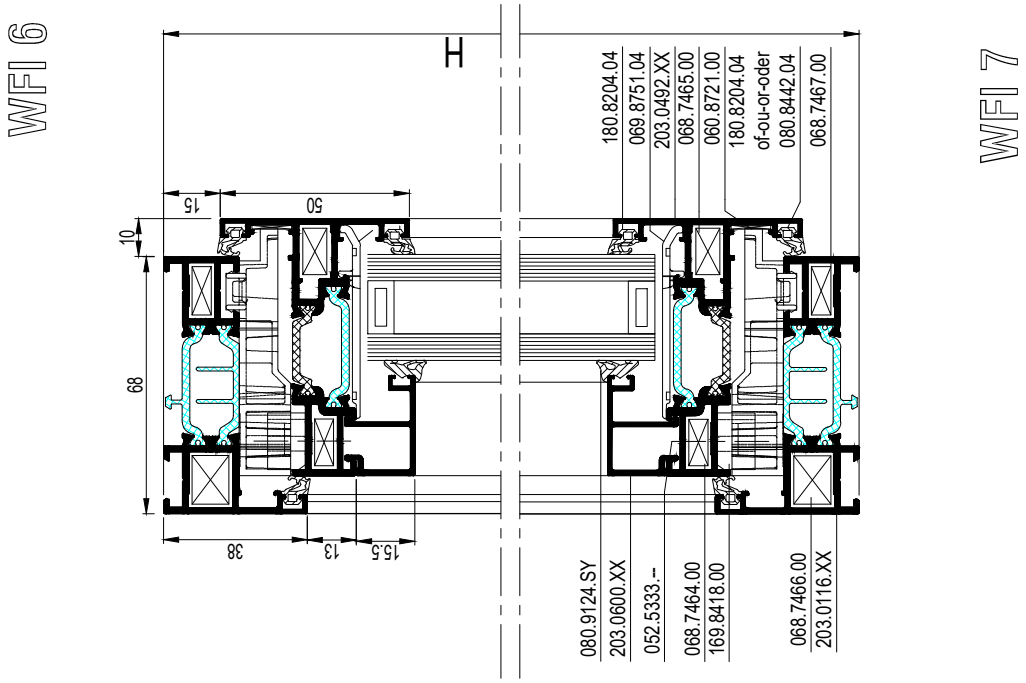
			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	H - 40
203.0492.XX			2	B1 - 20
			2	H - 30
203.0492.XX			2	B2 - 20
			2	H - 30
203.0600.XX			2	B1 - 123
			2	H - 102
			2	B2 - 123
			2	H - 102
203.1500.07			16K.F..	16K.F....

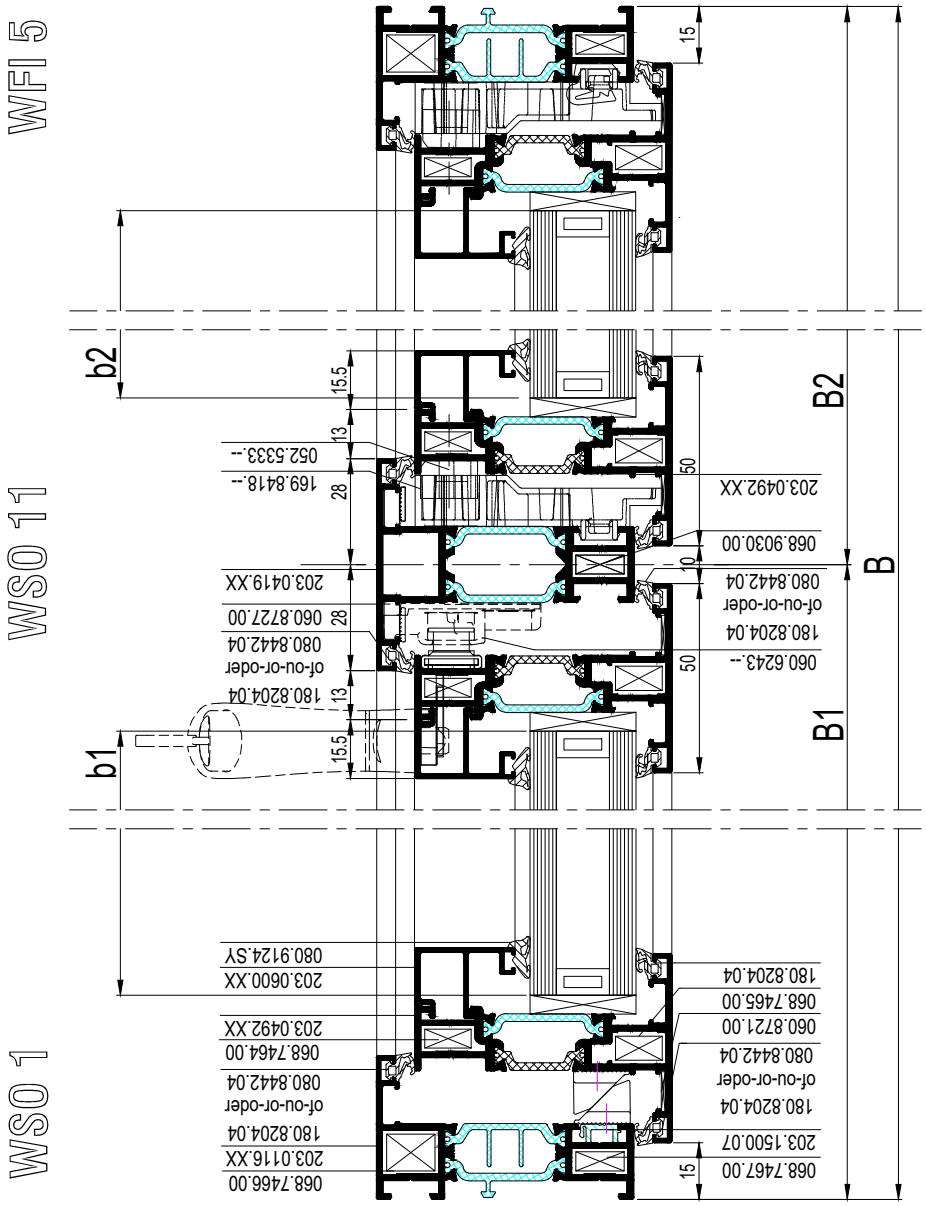
b1 = B1 - 98	
h1 = H - 108	
b2 = B2 - 98	
h2 = H - 108	

			#
068.7464.00			8
068.7465.00			8
068.7466.00			4
068.7467.00			4
068.9030.00			2
060.8727.00			4
060.8721.00			4
080.9124.SY			(2xb1)+ (2xh1)
080.9124.SY			(2xb2)+ (2xh2)
180.8204.04			(2xB1)+(2xH)
180.8204.04			(2xB1)+(2xH)
180.8204.04			(4xB1)+(4xH)
of-ou-or-oder			
080.8442.04			(4xB1)+(4xH)
180.8204.04			(2xB2)+(2xH)
of-ou-or-oder			
080.8442.04			(2xB2)+(2xH)
069.8751.04			16K.F....
169.8420.04			16K.F....
052.5333.--			16K.F....
052.5330.--			16K.F....
169.8418.00			16K.F....

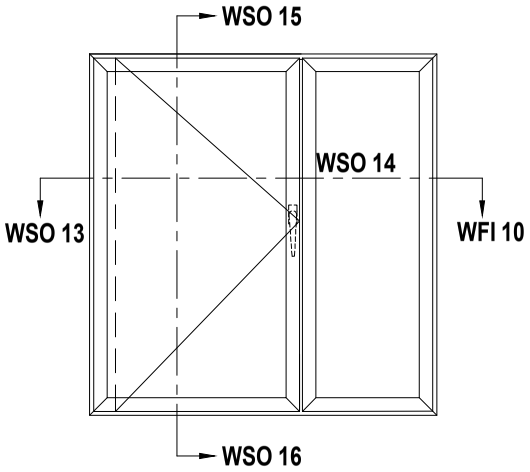
RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

schaal - échelle
scale - Maßstab
1/2





schaal - échelle
scale - Maßstab
1/2



			#	Lm
203.0216.XX			2	B
			2	H
203.0404.XX			1	H - 18
203.0492.XX			2	B1 - 20
			2	H - 30
203.0492.XX			2	B2 - 20
			2	H - 30
203.0600.XX			2	B1 - 129
			2	H - 102
			2	B2 - 129
			2	H - 102
203.1500.07			16K.F..	16K.F. ...

068.7464.00		8
068.7465.00		8
068.7466.00		4
068.7467.00		4
052.5316.--		6
060.8721.00		8
080.9124.SY		(2xb1)+ (2xh1)
080.9124.SY		(2xb2)+ (2xh2)
180.8204.04		(2xB1)+(2xH)
180.8204.04		(2xB2)+(2xH)
180.8204.04		(4xB1)+(4xH)
180.8204.04		(4xB2)+(4xH)
069.8751.04		16K.F. ...
169.8420.04		16K.F. ...
052.5333.--		16K.F. ...
052.5330.--		16K.F. ...

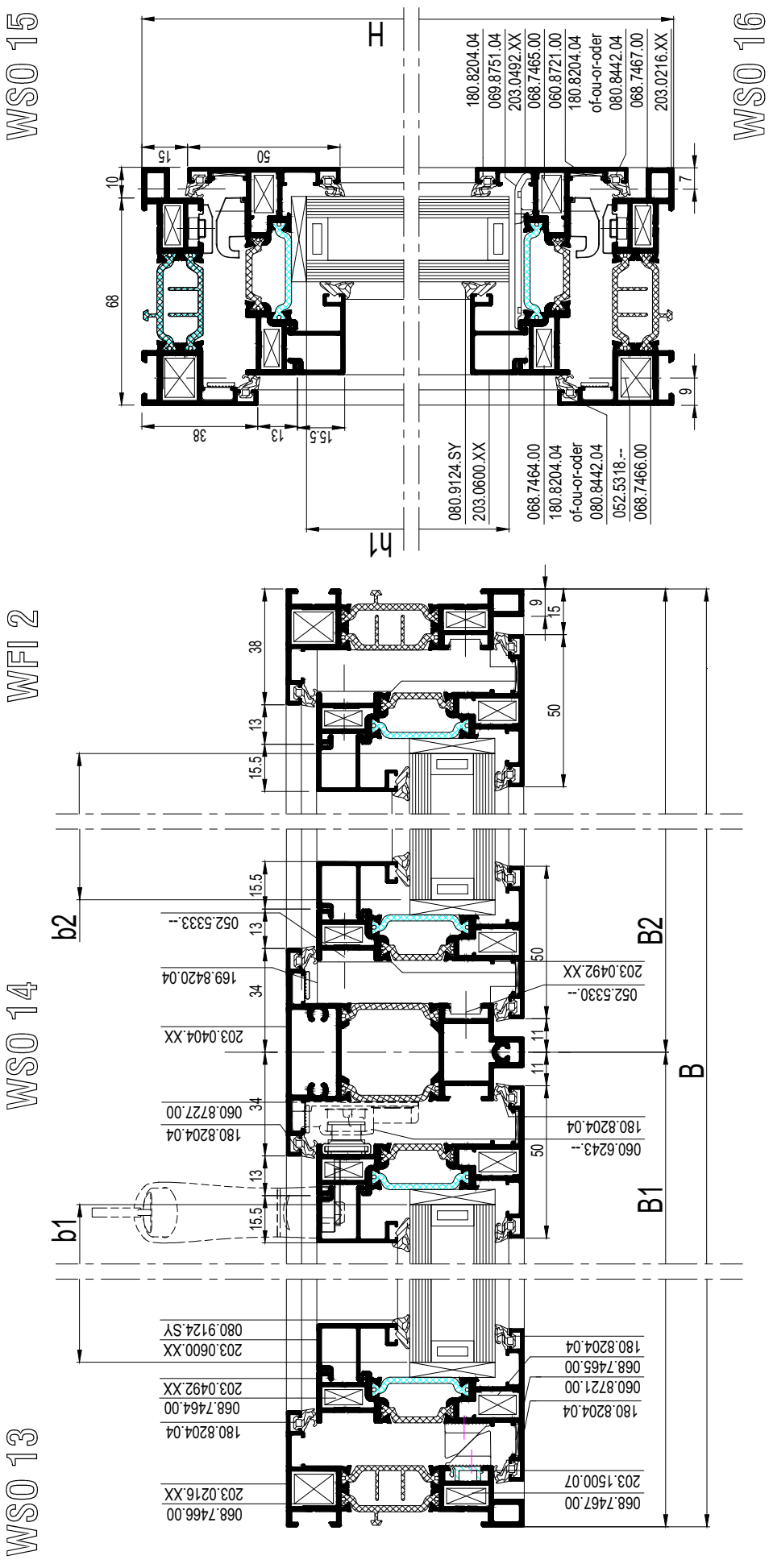
b1 = B1 - 98
h1 = H - 108
b2 = B2 - 98
h2 = H - 108

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

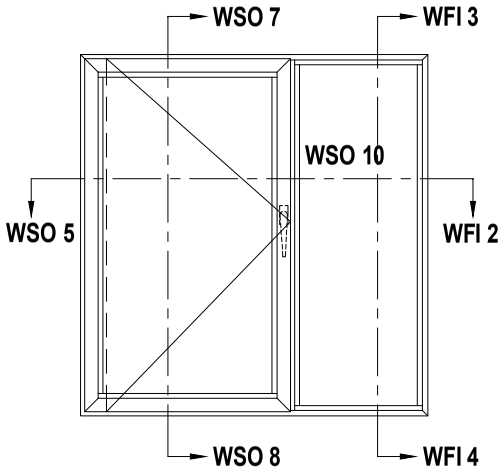
SL 68

SAMENGESTELD RAAM SIDE HUNG VASTE V.LEUGEL "FUNCTIONAL"
FENETRE COMPOSEE SIDE HUNG OUVRANT FIXE "FUNCTIONAL"
COMPOSITE WINDOW SIDE HUNG DUMMY VENT "FUNCTIONAL"
FENSTER MIT FESTEM PFOSTEN SIDE HUNG FESTSTEHENDER FLUEGEL "FUNCTIONAL"

SAMENGESTELD RAAM SIDE HUNG VASTE VLEUGEL "FUNCTIONAL"
FENETRE COMPOSEE SIDE HUNG OUVRANT FIXE "FUNCTIONAL"
COMPOSITE WINDOW SIDE HUNG DUMMY VENT "FUNCTIONAL"
FENSTER MIT FESTEM PFOSTEN SIDE HUNG FESTSTEHENDER FLUEGEL "FUNCTIONAL"



schaal - échelle
scale - Maßstab
1/2



			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	H - 40
203.0502.XX			2	B1 - 20
			2	H - 30
203.0604.XX			2	B1 - 88
			2	H - 129
203.0600.XX			2	B2 - 30
			2	H - 71
203.1500.07			16K.F..	16K.F. ...

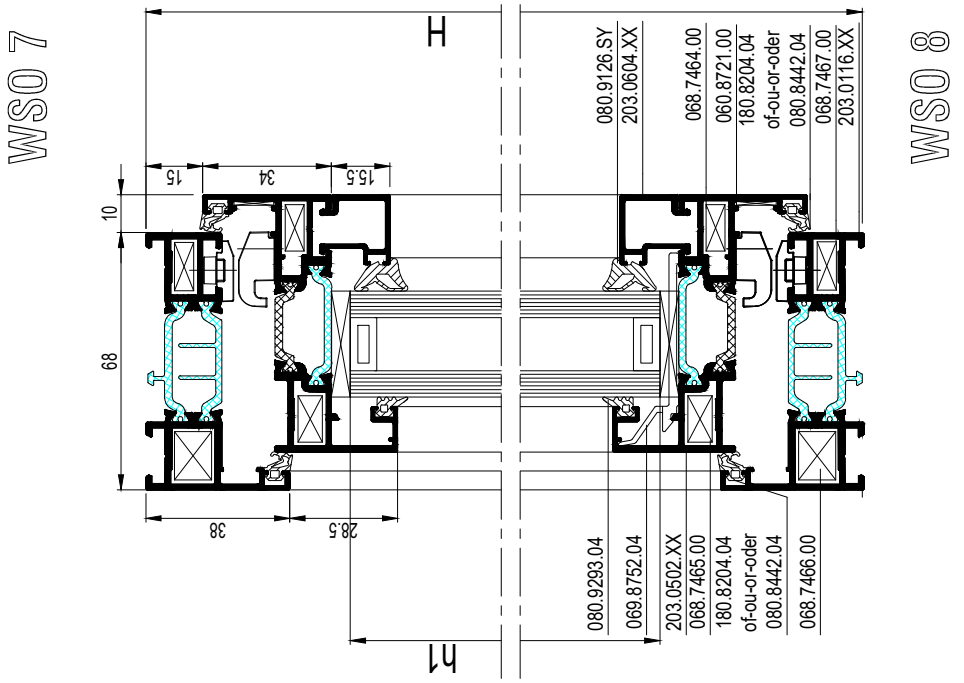
b1 = B1- 98
h1 = H - 108
b2 = B2 - 40
h2 = H - 50

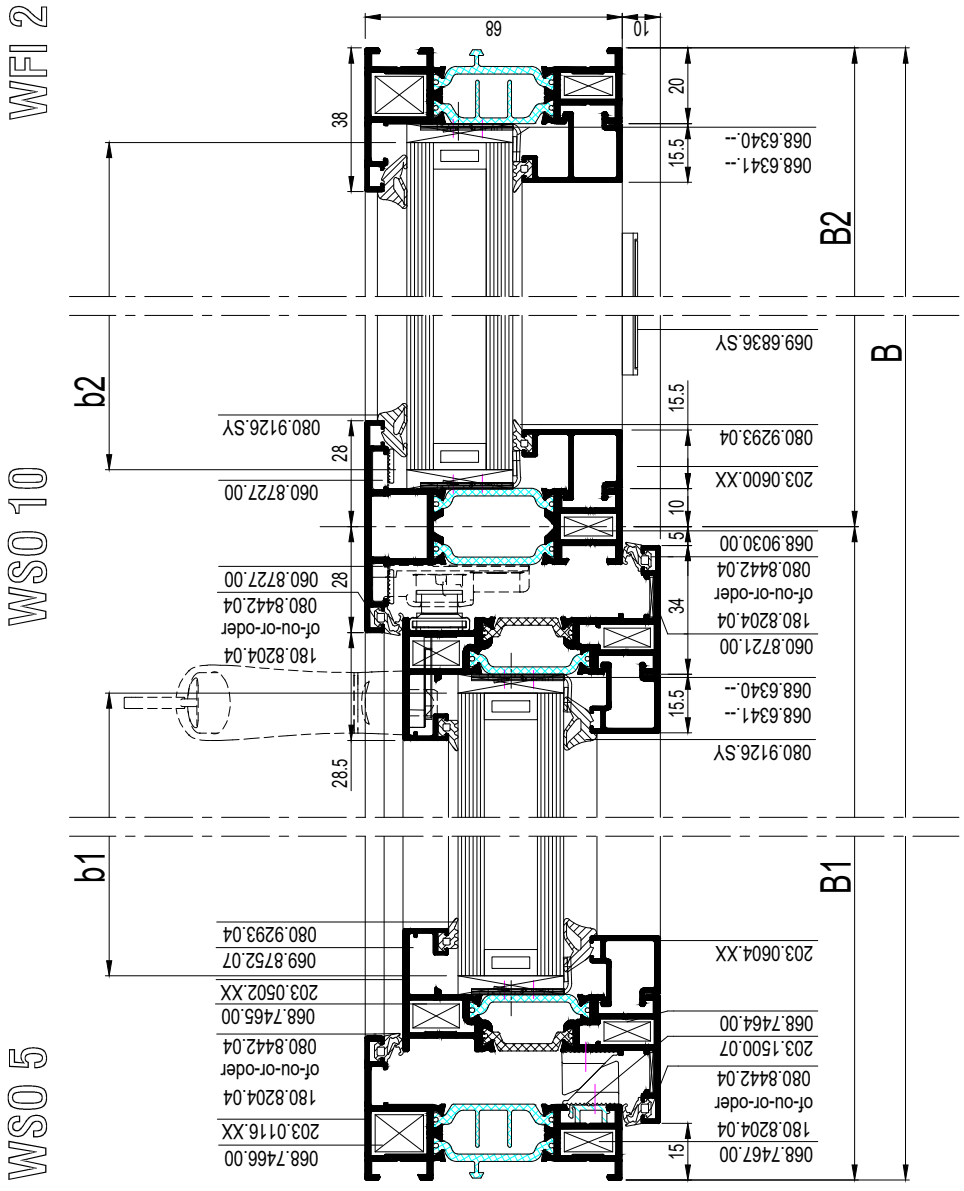
		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9126.SY		(2xb1)+(2xh1)
		(2xb2)+(2xh2)
080.9293.04		(2xb1)+(2xh1)
		(2xb2)+(2xh2)
180.8204.04		(4xB1)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB1)+(4xH)
069.8752.04		16K.F. ...
069.8753.04		16K.F. ...

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

SL 68

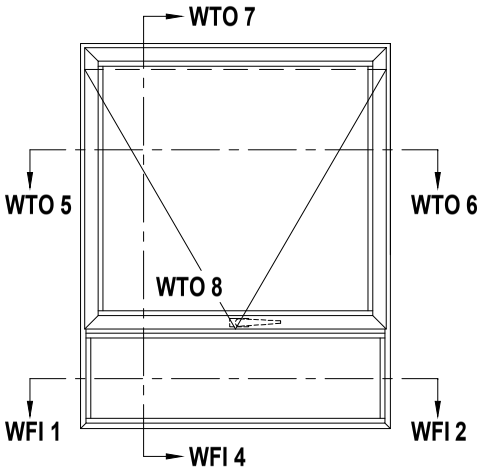
SAMENGESTELD RAAM SIDE HUNG BUITENBEGLAZING
FENETRE COMPOSEE SIDE HUNG VITRAGE EXTERIEUR
COMPOSITE WINDOW SIDE HUNG OUTER GLAZING
FENSTER MIT FESTEM PFOSTEN SIDE HUNG AUSSENVERGLASUNG





schaal - échelle
scale - Maßstab
1/2

SAMENGESTELD RAAM TOP HUNG BUITENBEGLAZING
FENETRE COMPOSEE TOP HUNG VITRAGE EXTERIEUR
COMPOSITE WINDOW TOP HUNG OUTER GLAZING
FENSTER MIT FESTEM PFOSTEN TOP HUNG AUSSENVERGLASUNG

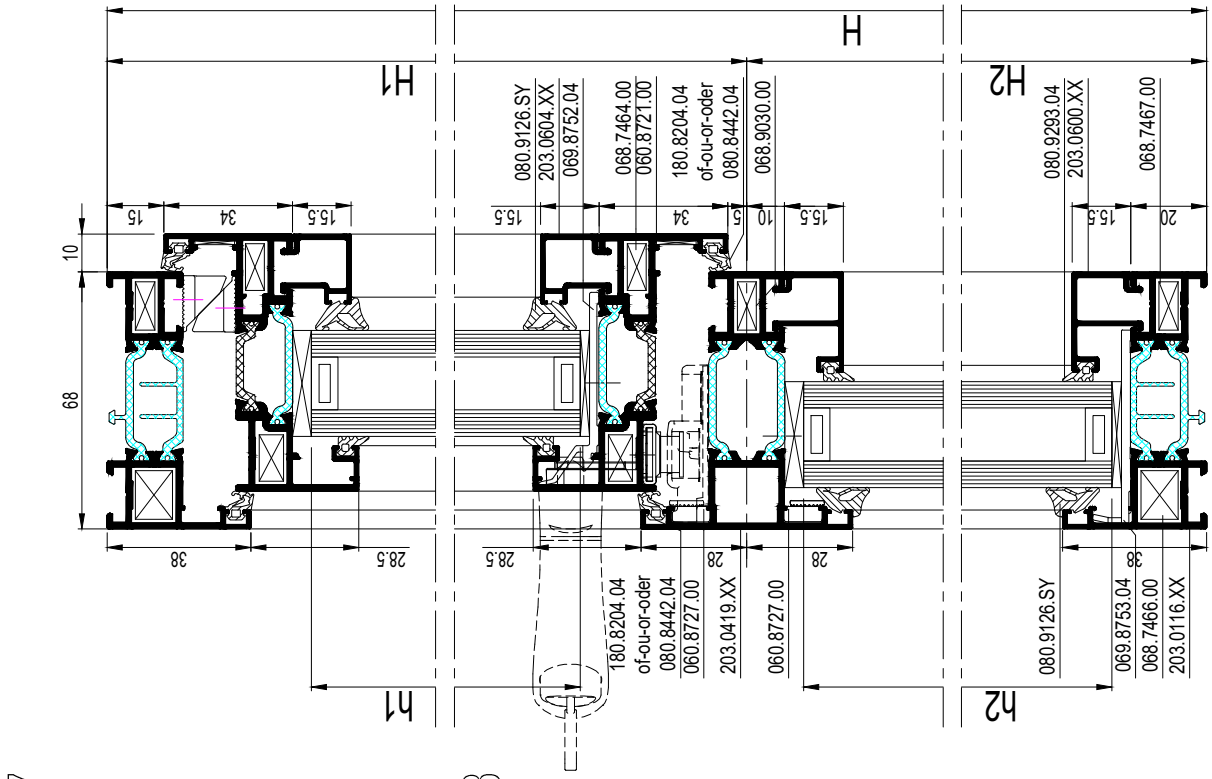


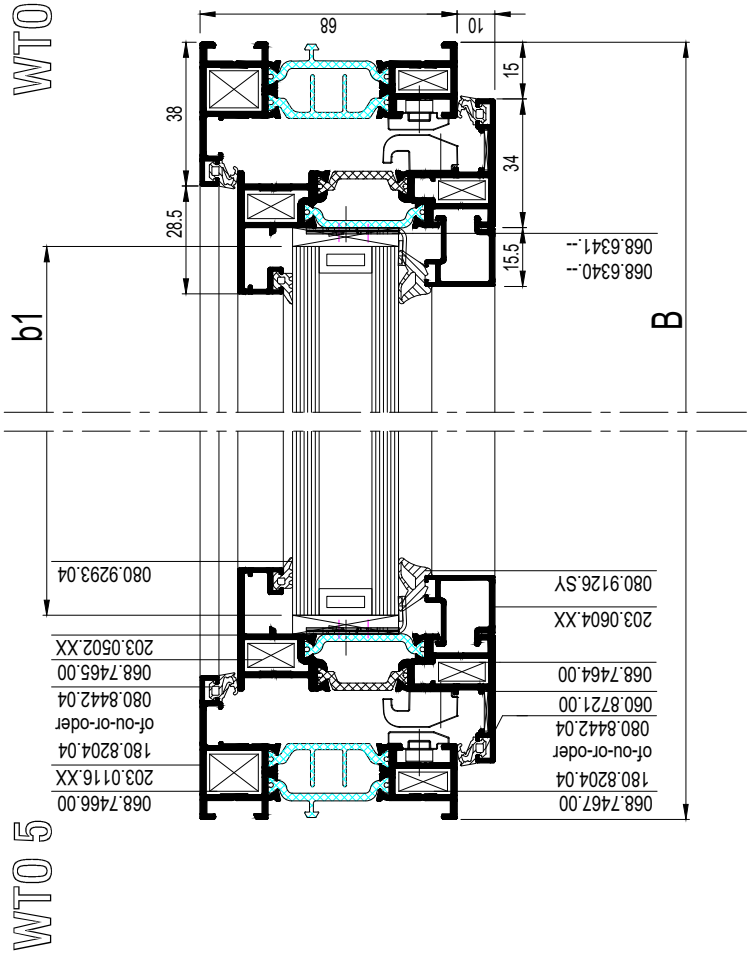
			#	Lm
203.0116.XX			2	B
			2	H
203.0419.XX			1	B - 40
203.0502.XX			2	B - 30
			2	H1 - 20
203.0604.XX			2	B - 98
			2	H1 - 119
203.0600.XX			2	B - 40
			2	H2 - 61
203.1500.07			16.K.F..	16K.F. ...

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9126.SY		(2xb1)+(2xh1)
		(2xb2)+(2xh2)
080.9293.04		(2xb1)+(2xh1)
		(2xb2)+(2xh2)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8752.04		16K.F. ...
069.8753.04		16K.F. ...

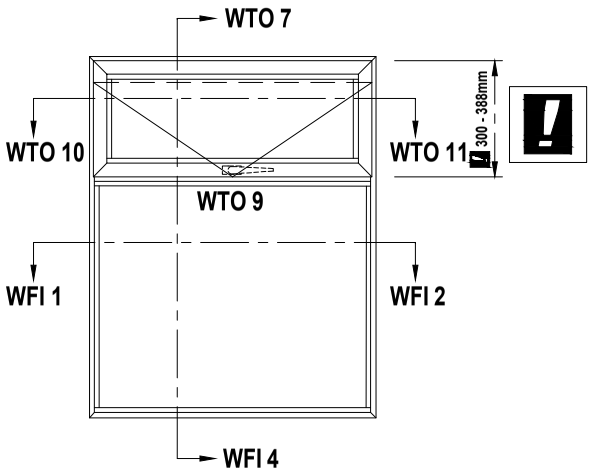
b1 = B - 108
h1 = H1 - 98
b2 = B - 50
h2 = H2 - 40

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
WINDOW GEAR > SEE "OVERVIEW ACCESSORIES TOP HUNG / SIDE HUNG, CHAPTER F
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F





schaal - échelle
scale - Maßstab
1/2



			#	Lm
203.0116.XX			2	B
			2	H
203.0429.XX !			1	B - 40
203.0502.XX			2	B - 30
			2	H1 - 20
203.0604.XX			2	B - 98
			2	H1 - 119
203.0600.XX			2	B - 40
			2	H2 - 61
203.1500.07			16K.F..	16K.F. ...

		#
068.7464.00		4
068.7465.00		4
068.7466.00		4
068.7467.00		4
068.9030.00		2
060.8727.00		4
060.8721.00		4
080.9126.SY		(2xb1)+(2xh1)
		(2xb2)+(2xh2)
080.9293.04		(2xb1)+(2xh1)
		(2xb2)+(2xh2)
180.8204.04		(4xB)+(4xH)
of-ou-or-oder		
080.8442.04		(4xB)+(4xH)
069.8752.04		16K.F. ...
069.8753.04		16K.F. ...

b1 = B - 108
h1 = H1 - 98
b2 = B - 50
h2 = H2 - 40

! ENKEL GEBRUIKEN BIJ VLEUGELHOOGTE 300 - 388 MM TOP HUNG
A UTILISER UNIQUEMENT POUR UNE HAUTEUR D'OUVRANT 300 - 388 MM TOP HUNG
ONLY USE FOR VENT HEIGHT 300 - 388 MM TOP HUNG
NUR VERWENDEN FÜR EINE FLÜGELHÖHE 300 - 388 MM TOP HUNG

RAAMBESLAG > ZIE "OVERZICHT ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
ACCESSOIRES FENETRES > VOIRE "APERCU ACCESSOIRES TOP HUNG / SIDE HUNG, CHAPTER F
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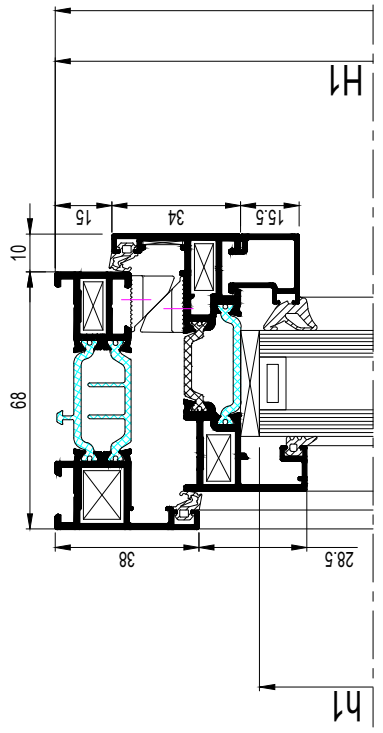
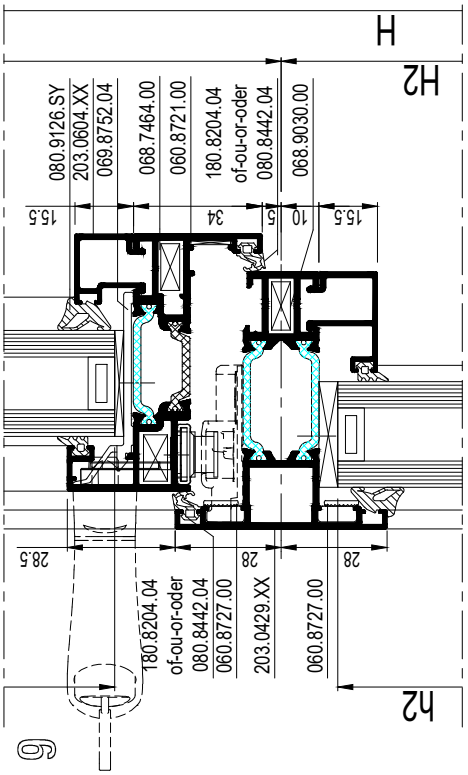
FENSTERBESCHLAG > SIEHE "UEBERSICHT ZUBEHOR TOP HUNG / SIDE HUNG, CHAPTER F

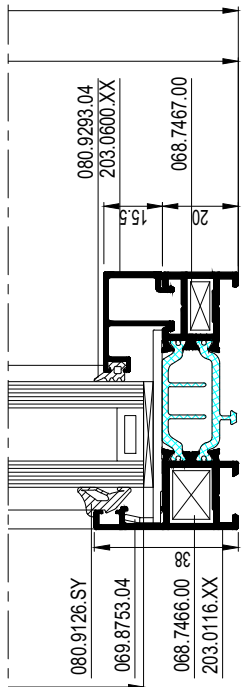
WTO 7



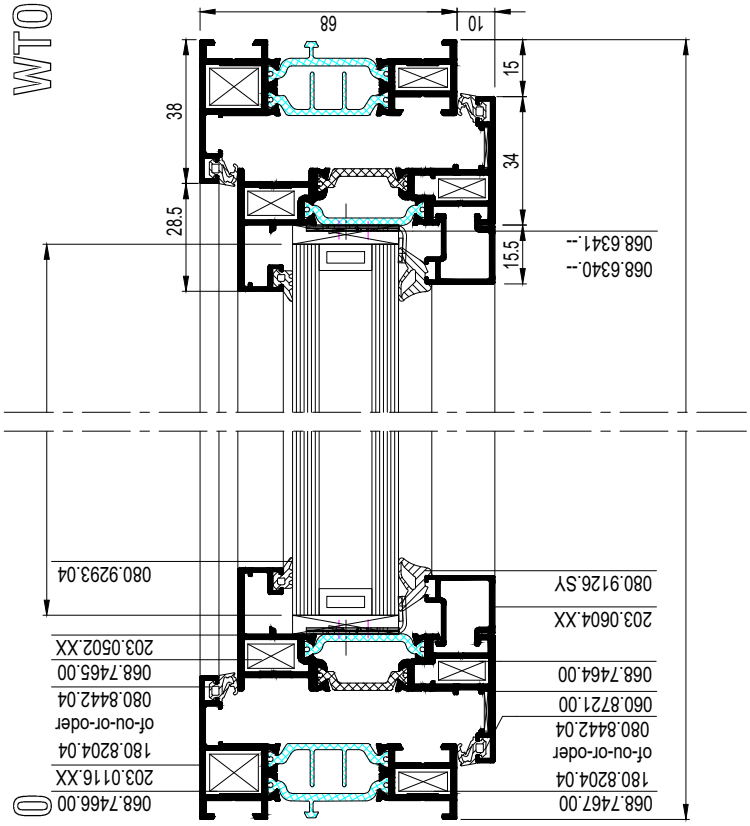
WTO 9



WFI 4



WTO 11



WTO 10

E

schaal - échelle
scale - Maßstab
1/2

SAMENGESTELD RAAM TOP HUNG BUITENBEGLAZING
FENETRE COMPOSEE TOP HUNG VITRAGE EXTERIEUR
COMPOSITE WINDOW TOP HUNG OUTER GLAZING
FENSTER MIT FESTEM PFOSTEN TOP HUNG AUSSENVERGLASUNG

F

Reynaers Aluminium

Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

VERWERKINGSVOORSCHRIFTEN

I. ALGEMEEN

Zie catalogus “1.Algemene informatie” (089.C01E.00)

II. VERWERKINGSVOORSCHRIFTEN SL 68

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.

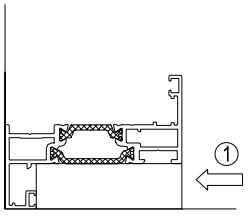
Het verdient aanbeveling om spanen die ontstaan tijdens het verspanen af te zuigen. Alle zaagsnedes die een verbinding vormen zoals: hoek- en T-verbindingen, dienen beschermd te worden met Reynaprotector (art.nr. 086.9208.SY + 086.9225.--). Andere zaagsnedes zoals: glaslatten, klemlijsten,... dienen beschermd te worden met Reynastick (art.nr. 086.9600.XX), alsook freessnedes, boorgaten, ponsgaten,…

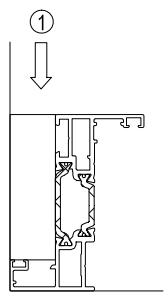
Voor het correct functioneren, het behalen van de performanties en de esthetiek van het eindproduct is het van groot belang dat de profielen binnen nauwe toleranties verzaagd worden. Indien er onenigheid zou bestaan over wat er onder acceptabele afwijkingen verstaan wordt kan men de richtlijnen van instanties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

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.

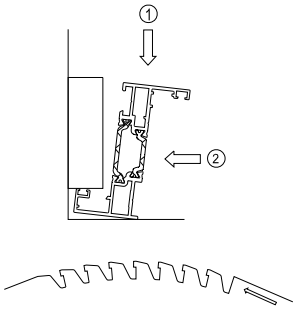




F

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.



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(Reynafinish 60 art.nr. 086.9210.-- of Reynaers safety clean 086.9231.--)
   - aanbrengen van Reynastick (art.nr. 086.9600.XX);

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 125 mm .(voor specifieke ontwatering: zie montagetekeningen "*ontwatering*"):
  2 openingen tot raambreedte van 1200 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 ontwateringssyteem 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 30mm 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. Uitfrezen T-profiel (hoogte 18mm)
3. Ponsen of boren van bevestigingsgaten (∅9)
4. Beschermen van de zaagsnedes 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. 086.9208.SY + 086.9225.--) op de zaagsnedes/bevestigingsgaten en Reynastick (art.nr. 086.9600.XX) op de zaag/freessnedes.

5. Afdichten van de zone onder T-profiel op het kaderprofiel. Dit dient volledig waterdicht uitgevoerd te worden
6. Verbinding tot stand brengen: de T-verbinder voor de binnenschaal wordt gepositioneerd op centerlijn en vastgeschroefd (PHILIPS) totdat de profielwand van het aansluitende profiel doorboord is. Het T-profiel wordt hierover aangebracht en gefixeerd d.m.v. de schroef.
7. De verbinders voor de buitenschaal worden ingelegd en vastgedraaid (Torx T20). Hierbij dient de ene zijde tegengehouden te worden terwijl de andere zijde aangedraaid wordt.
8. Verbinders worden geborgd door een goedgekeurde dichtingslijm (Reynaseal Duo art.nr. 084.9080.--) te injecteren in de daarvoor bestemde gaten.
9. 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 Hoekverbindingen

1.2.3.1 Persen

Stappen (zie montagetekening "*hoekverbinding*"):

lijminjectie voor persen

1. Correct zagen.
2. Beschermen en afdichten van de zaagsnedes 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. 086.9208.SY + 086.9225.--) op zaag/freessnedes.
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*"):

lijminjectie voor schroeven

1. Correct zagen.
2. Ponsen of boren van schroef- (∅9) (zie montagetekening "*lijminjectie*")
3. Beschermen en afdichten van de zaagsnedes 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. 086.9208.SY + 086.9225.--) op de zaagsnedes en Reynastick (art.nr. 086.9600.XX) op de freessnedes.
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 akoestische dichting

Stappen: (zie montagetekening "*dichting*")

1. Correct versnijden: het versnijden van de akoestische dichting dient met een dichtingenschaar (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 Multi Foam (art.nr. 086.9230.--) en de aansluitingen dienen verlijmd te worden met vulkaniseerlijm (art.nr. 084.9103.04) of daarvoor geschikte secondenlijm (art.nr. 084.9107.--). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan.

1.2.4.2 Het aanbrengen van de beglazingsdichting

Stappen: (zie montagetekening "*dichting*")
1. Correct versnijden: het versnijden van de beglazingsdichting dient met een dichtingenschaar (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 Multi Foam (art.nr. 086.9230.--) en de aansluitingen dienen verlijmd te worden met vulkaniseerlijm (art.nr. 084.9103.04) of daarvoor geschikte secondenlijm (art.nr. 084.9107.--). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan.

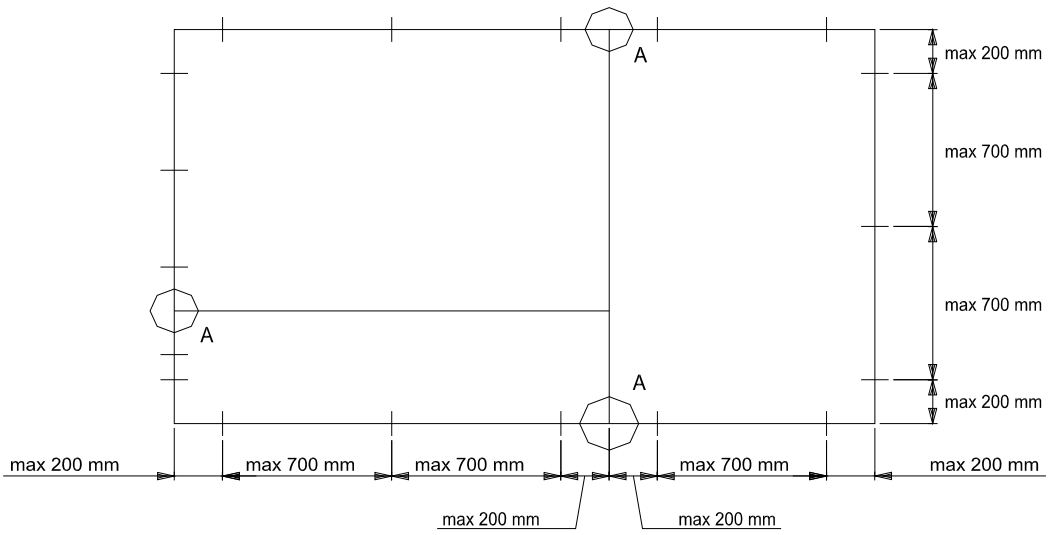
II.2 MONTAGEVOORSCHRIFTEN

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.

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II 2.3 Montage van het beslag en accessoires – Onderhoud

De keuze van de bevestigingspunten, het aantal sluitpunten, het maximale vleugelgewicht, de maximum- en minimumafmetingen, het gebruikte vleugelprofiel enz. hangen af van de instructies in de systeemcatalogus.

Schuivende en bewegende onderdelen moeten gesmeerd worden. Aanbevolen smeermiddel = “3 IN ONE MULTI-PURPOSE OIL” van WD-40 of een vergelijkbare, lichte technische olie. GEBRUIK GEEN onderhoudsproducten op basis van silicone.

Bij de montage controleert u of het beslag met een normale kracht bediend kan worden.

Tijdens een smeerbeurt controleert u of alle bevestigingsschroeven en klinknagels stevig vastzitten. Indien nodig moeten de bevestigingen door een gekwalificeerd persoon gerepareerd worden.

Zuurhoudende producten, bijv. om metselwerk schoon te maken, kunnen ernstige schade veroorzaken wanneer ze met het beslag in contact komen. Corrosie of defecten aan het beslag als een gevolg van die praktijk kunnen niet door de garantie gedekt worden.

Scharen en raambegrenzers

- Een normale werking veronderstelt een temperatuur tussen -20 °C en +60 °C en een relatieve vochtigheid tussen 10% en 95%.
- Onderhoud en smering
  - De scharnier in haar geheel (assen, leischoen en geleidingsbaan) moet altijd vrij zijn van stof en vuil of van gelijk welk element dat hinder kan veroorzaken.
  - Bij de installatie smeert u alle draaipunten met de hierboven vermelde olie.
  - Om de 5 jaar
    a. Verwijder al het stof en vuil uit de scharnier, elimineer elementen die een hindernis voor de draaipunten, de leischoen en de geleidingsbaan kunnen zijn.
    b. Breng het smeermiddel aan en controleer de bevestigingen zoals hierboven beschreven.
  - Kustgemeenten en gebieden met verhoogde luchtvervuiling, bijkomend bij de instructies hierboven bevelen we nog het volgende aan:
    a. Optionele scharen in austenitisch behandeld roestvrij staal AISI 304 worden in de systeemcatalogus aangeboden. Controleer of dat nodig is voor uw locatie.
    b. Alle metalen oppervlakken moeten lichtjes met smeerolie bekleed worden.
    c. Het onderhoud moet vaker uitgevoerd worden. Dat hangt af van de heersende omstandigheden.

Spanjolet, sluitpunten en hendel

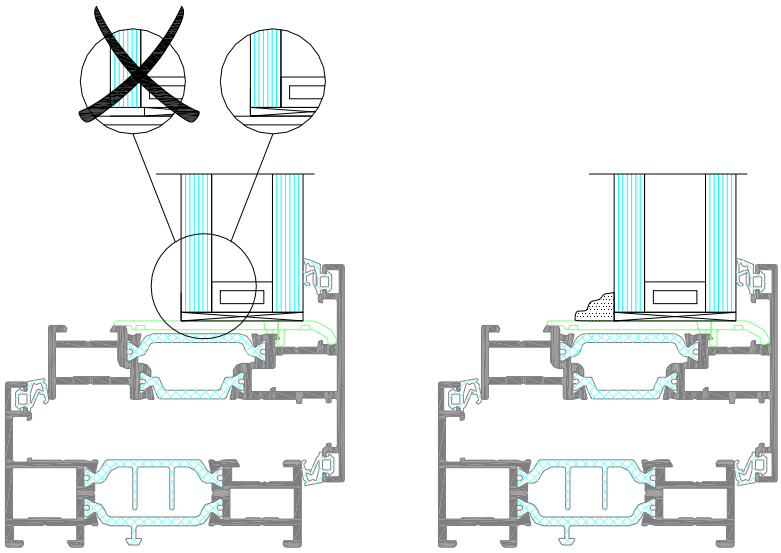
- Onderhoud en smering
  - Het is aanbevolen om de roestvrij stalen onderdelen om de 6 maanden schoon te maken.
  - De bewegende onderdelen, zoals de draaigreep, de schuifbalk, de geleiders en de sluitpunten moeten minstens twee keer per jaar gesmeerd worden met een olie zoals hierboven beschreven.
  - Controleer de bevestigingspunten zoals hierboven beschreven.
  - Smeer de sluitpunten met een niet-zuur vet, zoals petroleumgel.

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 10 mm op het aluminiumraam (5 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)



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Montage van de beglazing

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

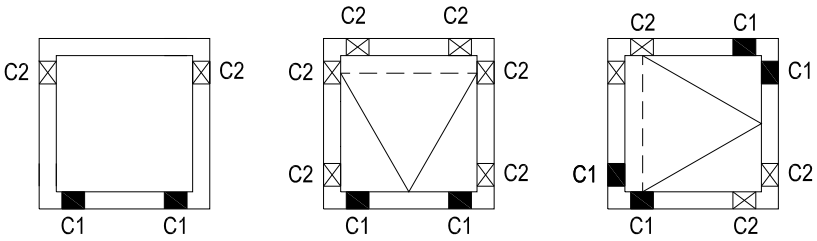
Steunblokjes

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 ondersteuningen 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 SL 68

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.

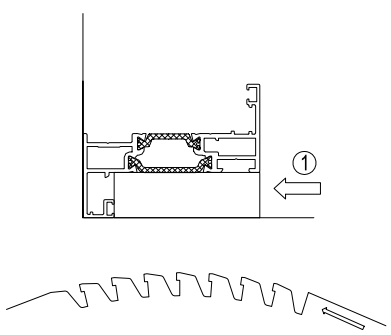
Par opérations d’usinage on entend: toutes les opérations mécaniques comme le tronçonnage, le fraisage, le forage, le poinçonnage et la découpe. Il est essentiel que la couche de laque des profilés laqués ne se détache pas sur les bords pendant ces opérations. Il est donc très important pour la qualité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

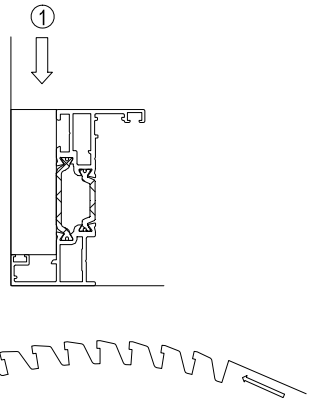
Il est recommandé d'aspirer les copeaux produits par les opérations d'usinage. Toutes les coupes des profilés qui forment une jonction comme les équerres d’assemblage angulaires et les jonctions en T doivent être protégées à l’aide de Reynaprotector (art. n° 086.9208.SY + 086.9225.--). Toutes les autres coupes (comme parcloses, fixations...) doivent être protégées à l’aide de Reynastick (art.n°086.9600.06) 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.





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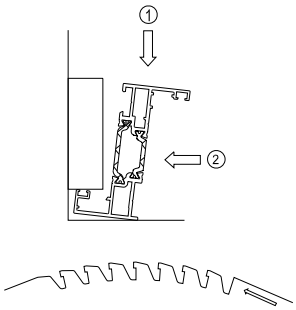
MAUVAIS SERRAGE

DÉFAUT : Le serrage primaire appuie au-delà du point de basculement du profilé, qui se retrouve de biais.
CONSÉQUENCE : Tronçonnage en biais : le côté extérieur est plus court que le côté intérieur.
RÉSULTAT : Après sertissage, l'assemblage sur la face intérieure est fermé, tandis qu'à l'extérieur, l'onglet s'est ouvert.



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

Etapes:
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 Reynastick (art.n° 086.9600.XX).

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 125 mm (en cas de drainage spécifique: voir détails de fabrication '*drainage*')
  ouvertures jusqu'à une largeur de fenêtre 1200 mm
- 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 le haut du côté de l'ouvrant, on fore toujours au moins 1 ouverture de 5 mm de diamètre au minimum.
- Dans le cas d'une fenêtre fixe, le joint de vitrage extérieur est interrompu en haut sur une longueur de 30mm.
- 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 18mm)
3. Poinçonner ou forer les trous de fixation (∅9)
4. Protection des coupes et des surfaces traitées par :
   - ébavurage (si nécessaire)

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- 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° 086.9208.SY + 086.9225.--) sur les sciages/trous de fixation et de Reynastick (art. n° 086.9600.XX) 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.
6. Raccorder : le raccord en T de la coque intérieure se positionne sur la ligne centrale. On le visse ensuite (PHILIPS) 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 (Torx T20). Il faut pour cela maintenir un côté tandis que l'on tourne l'autre côté.
8. Les raccords sont protégés par une colle d'étanchéité approuvée (Reynaseal Duo art. n° 084.9080.--) que l'on injecte dans les trous prévus à cet effet.
9. 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 Raccords d'angle

1.2.3.1 À sertir

Étapes (voir détails de fabrication *« raccord d'angle »*) : injection 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° 086.9208.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 »*) : injection de colle avant vissage

1. Tronçonner correctement.
2. Poinçonner ou forer les trous de vis (∅9) (voir détails de fabrication « *injection de colle* »)
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° 086.9208.SY + 086.9225.--) sur les sciages et de Reynastick (art. n° 086.9600.XX) 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 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 Reynears Safety Clean (art. n° 086.9231.--) et au Reynaers Multi Foam (art. n° 086.9230.--). Coller les raccords avec de la colle de vulcanisation (art. n° 084.9103.04) ou une colle instantanée adéquate (art. n° 084.9107.--). La liaison restant élastique, le joint s'ajuste parfaitement même dans les angles.

1.2.4.2 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 Reynears Safety Clean (art. n° 086.9231.--) et au Reynaers Multi Foam (art. n° 086.9230.--). Coller les raccords avec de la colle de vulcanisation (art. n° 084.9103.04) 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

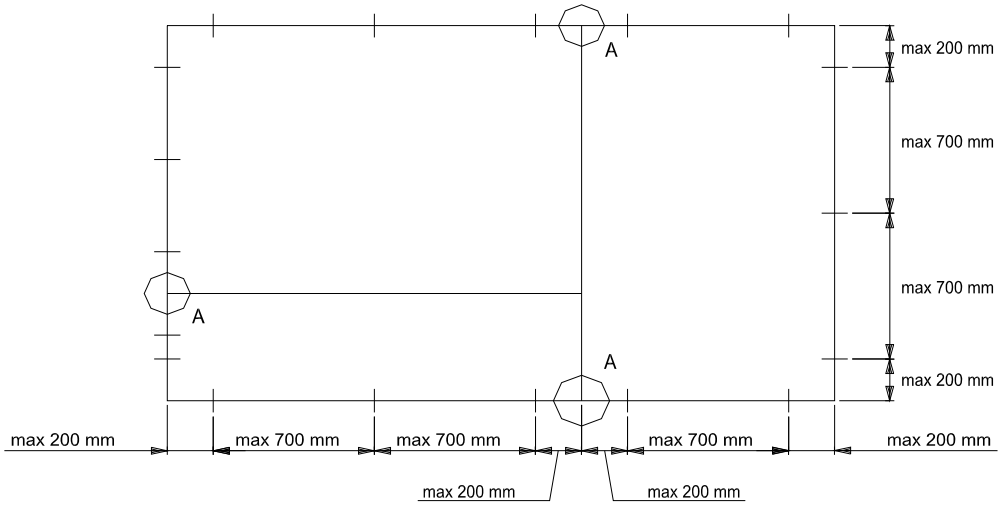
II.2.1 Stockage

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.

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II 2.3 Montage des accessoires et de la quincaillerie - Entretien

Le choix des points de fixation, du nombre de points de fermeture, du poids maximal de l'ouvrant, des dimensions maximales et minimales, du profil d'ouvrant utilisé, etc. doit se faire suivant les instructions reprises dans le catalogue du système.

Les éléments coulissants et mobiles doivent être lubrifiés. Lubrifiant à privilégier = "Huile multi-usages 3 en 1" de la société WD-40 ou huile technique fluide similaire. N'UTILISEZ PAS de produits d'entretien à base de silicone.

Lors du montage, assurez-vous que les quincailleries peuvent être actionnées aisément sans devoir déployer une force exagérée.

Lors de la lubrification d'entretien, vérifiez le serrage et le blocage de toutes les vis et tous les rivets de fixation. Si nécessaire, les fixations doivent être réparées par une personne qualifiée.

L'utilisation de produits acides comme ceux utilisés pour nettoyer un parement de briques endommagera sévèrement la quincaillerie s'ils entrent en contact avec elle. La corrosion ou le dysfonctionnement d'un élément de quincaillerie résultant d'un tel contact est exclu de la garantie.

Compas et limiteur d'ouverture

- Le fonctionnement est prévu pour s'effectuer en conditions normales comprises entre -20°C et +60°C, à un taux d'humidité relative compris entre 10% et 95%.
- Entretien et lubrification
  - Les éléments composant la charnière (crapaudine, semelle coulissante et cornière de guidage) doivent à tout moment être exempts de saletés, de débris et d'obstacles de toute nature.
  - Au moment du montage, lubrifiez tous les points articulés en utilisant l'huile décrite ci-dessus.
  - Tous les 5 ans :
    a. Nettoyez la poussière ou les débris qui se seraient accumulés sur la charnière et éliminez les obstacles entravant le fonctionnement des crapaudines, de la semelle coulissante et de la cornière de guidage.
    b. Appliquez le lubrifiant et vérifiez les fixations comme précisé ci-dessus.
  - Lorsque l'installation est montée au littoral ou dans une atmosphère corrosive, nous recommandons en outre de respecter les instructions supplémentaires suivantes :
    a. Des compas en inox austénitique AISI 304 sont proposés en option dans le catalogue du système. Veuillez vérifier si leur usage est approprié pour votre site de montage.
    b. Toutes les surfaces métalliques doivent être légèrement enduites d'huile lubrifiante.
    c. Les entretiens doivent être plus fréquents et dépendent des conditions qui prévalent sur le site.

Fermeture espagnolette, gâche et poignée

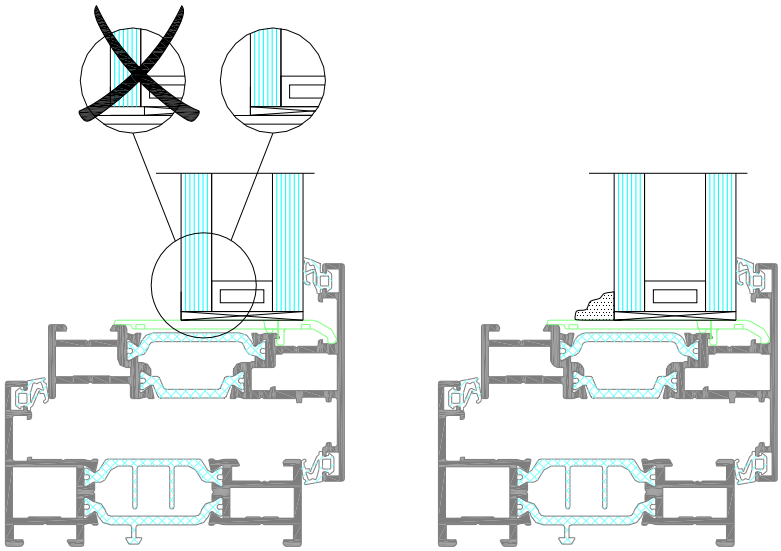
- Entretien et lubrification
  - Il est recommandé de nettoyer les pièces en inox tous les 6 mois.
  - Les éléments mobiles comme la partie pivotante de la poignée, les coulisseaux et patins ainsi que les pignons de fermeture doivent être lubrifiés au moins deux fois par an au moyen de l'huile indiquée ci-dessus.
  - Contrôlez les fixations comme précisé ci-dessus.
  - Lubrifiez les points de fermeture à l'aide d'une graisse non acide, par exemple de la vaseline.

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 10 mm avec le châssis en aluminium (5 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)



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Assemblage du vitrage

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

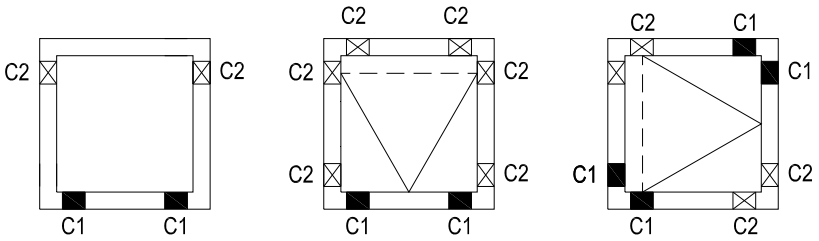
Cales de support

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 parcloses.

PROCESSING DATA

I. GENERAL

See catalogue “1.General information” (089.C01E.00)

II. PROCESSING DATA SL 68

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.

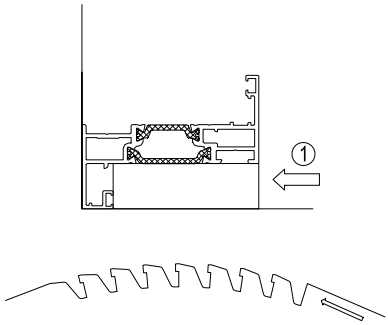
It is recommended to vacuum-extract any chips produced during machining. All cuts that form a joint, such as: corner and T-joints, must be protected with Reynaprotector (art.no. 086.9208.SY + 086.9225.--). Other cuts, such as glazing beads, terminal strips, etc. must be protected with Reynastick (art.no. 086.9600.XX), as well as milling cuts, boreholes, punch holes, etc.

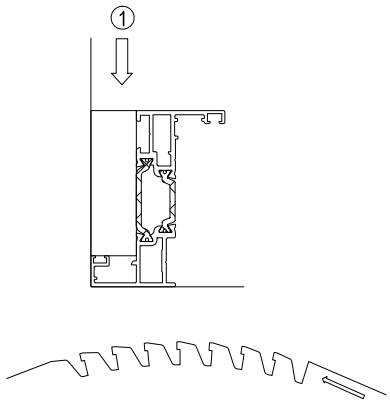
To function correctly, and to achieve the performances and aesthetics of the end product, it is very important that the profiles are sawn within close tolerances. If there is disagreement about what is meant by acceptable deviations, the guidelines of bodies such as the Aluminium Center Belgium can be consulted or BS4873 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.





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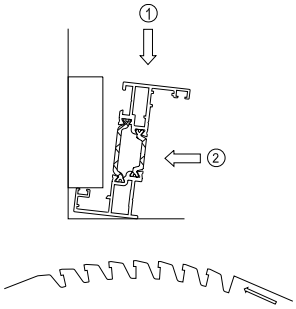
INCORRECT CLAMPING

FAULT: The primary clamping pressure goes past the tipping point of the profile, causing it to tilt.
CONSEQUENCE: An oblique saw cut resulting in the outside of the profile being shorter than the inside.
RESULT: After the corners have been joined, the mitre is closed on the inside but an opening is visible on the outside.



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 Reynastick (art. no. 086.9600.XX);

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 125 mm from the corner (for specific drainage: see assembly drawings 'drainage')
  up to a window width of 1200 mm: 2 drainage holes.
- 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 30mm.
- 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 18 mm)
c. Punching or drilling of mounting holes (∅9)
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. 086.9208.SY + 086.9225.--) on the saw cuts/mounting holes and Reynastick (art. no. 086.9600.XX) on the saw/milling cuts.

e. Sealing of the zone under the transom-mullion on the outer frame. This should be completely watertight.

f. Making the connection: the T-bracket for the inner profile half is positioned on the centre line and fixed with screws (PHILIPS) 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 screw.
g. The brackets for the outer profile half are inserted and tightened (Torx T20). One side must be held in place while the other side is tightened.
h. Brackets are secured with an approved sealing glue (Reynaseal Duo art.no. 084.9080.--), to be injected into the designated holes.
i. 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 Corner connections

1.2.3.1 Crimping

Steps (see assembly drawing 'corner connection'): glue injection before crimping

1. Correct sawing
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. 086.9208.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 injection before screwing

1. Correct sawing
2. Punching or drilling screw holes (∅9 (see assembly drawing *'glue injection'*)
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 chamber;
   - degreasing (Reynafinish 60 art.nr. 086.9210.-- or Reynaers safety clean 086.9231.--);
   - applying Reynaprotector (art. no. 086.9208.SY + 086.9225.--) to the saw cuts and Reynastick (art. no. 086.9600.XX) to the milling cuts.
4. **Gluing in the profile chamber: applying an approved sealing glue (Reynaseal Duo art.no. 084.9080.--)
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 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 Multi Foam (art. no. 086.9230.--) and the joints should be glued with vulcanizing glue (art. no. 084.9103.04) or a suitable instant glue (art. no. 084.9107.--). Because the connection remains elastic, the gasket will also fit perfectly into the corners.

1.2.4.2. 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 Multi Foam (art. no. 086.9230.--) and the joints should be glued with vulcanizing glue (art. no. 084.9103.04) or a suitable instant glue (art. no. 084.9107.--). Because the connection remains elastic, the gasket will also fit perfectly into the corners.

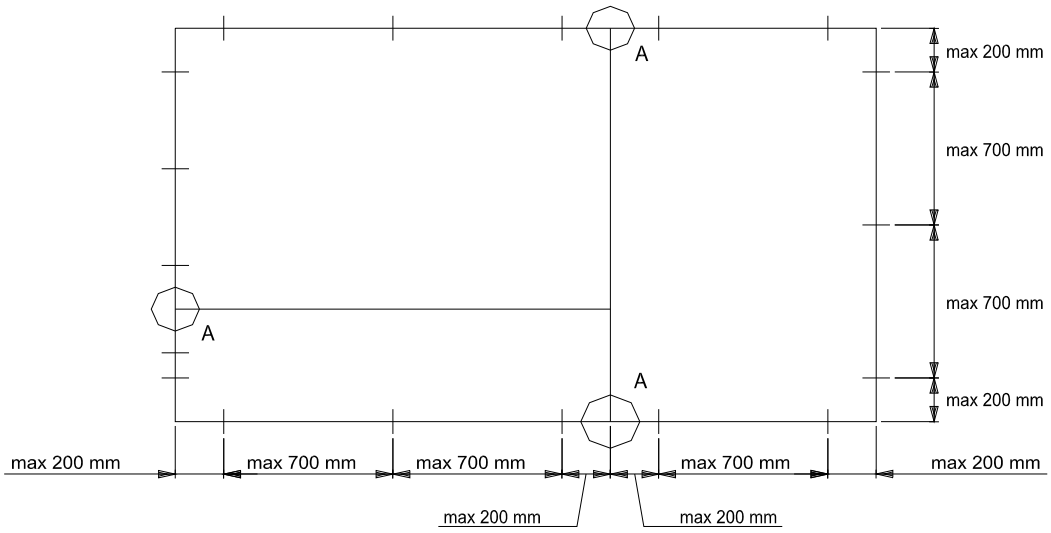
II.2 INSTALLATION

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 (see Reynaconnect" catalogue)..
- 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.

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II 2.3 Fitting of the accessories, hardware and Maintenance

The choice of the fixing points, number of locking points, maximum vent weight, maximum and minimum sizes, vent profile used etc. depends on the instructions shown in the system catalogue.

Sliding and moving parts should be provided with lubrication. Preferred Lubricant = “3 IN ONE MULTI-PURPOSE OIL” from WD-40 Company or similar light engineering oil. DO NOT use silicone based maintenance products.

When fitting, please check when all hardware can be operated easily with normal operating forces.

Check the tightness and security of all fixing screws and rivets during lubrication maintenance. When necessary, fixings should be repaired by a qualified person.

Use of Acidic based products, for example cleaning of brickwork, will have serious damaging effects if coming into contact with hardware. Corrosion or failure of hardware as a result of this practice cannot be covered by any warranty.

Friction stays and Restrictor

- Normal operating conditions are within temperature range -20°C and +60°C and operating humidity range between 10% and 95% relative humidity.
- Maintenance and lubrication
  - The hinge in general (pivots, sliding shoe and track) must be free of dirt, debris and any obstructions at all times.
  - At time of installation, lubricate all pivot points with oil as detailed here above.
  - Every 5 years,
    a. Clean any dirt or debris from the hinge, clear any obstructions from pivots, sliding shoe and track.
    b. Apply lubrication and check fixings as detailed here above.
  - Coastal locations and corrosive atmosphere, we recommend that in addition to the instructions here above:
    a. Optional austenitic stainless steel AISI 304 grade friction stays are provided as a selection in the system catalogue. Please check if this would be required for your location.
    b. All metal surfaces have to be lightly coated with lubrication oil
    c. Maintenance operations need to be carried out more frequently. This is dependent on the prevailing conditions.

Espagnolette lock, locking keeps and handle

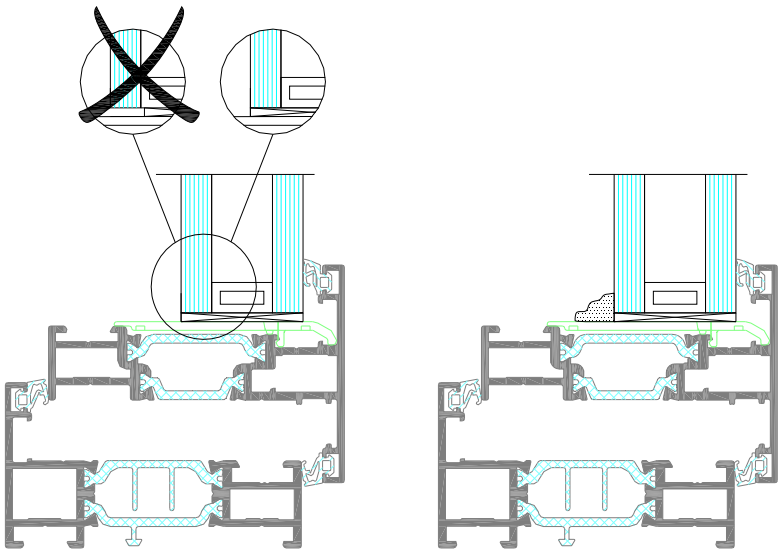
- Maintenance and lubrication
  - It is recommended to clean the stainless steel parts every 6 months.
  - The moving parts, such as handle rotation, sliders and runners and locking gear should be lubricated at least twice a year with oil as detailed here above.
  - Check fixings as detailed here above
  - Lubricate locking points with a non-acid based grease, such as petroleum jelly.

II.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 10 mm (5 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

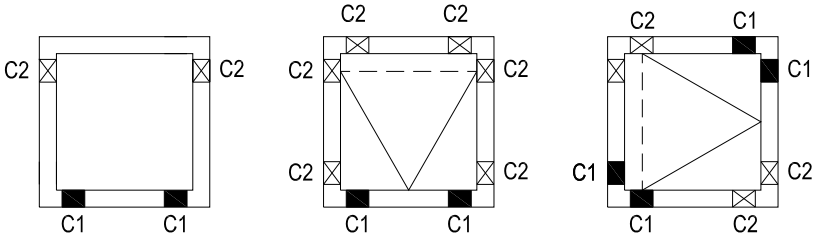
The position of the glazing blocks is defined by standard STS 38. We distinguish between 2 types of glazing block:

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 SL68

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 ge ben wir folgende Hinweise:

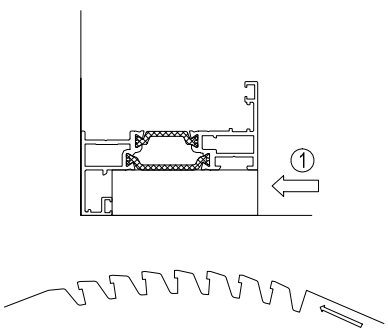
- Die spanabhebenden Werkzeuge müssen für den Werkstoff geeignet und ausreichend scharf sein.
- Die Maschine muss richtig eingestellt und auf den Werkstoff Aluminium (z.B. Drehzahl) abgestimmt sein.
- Es wird regelmäßige Wartung und Kontrolle des Werkzeugs gemäß den Vorschriften der Maschinenlieferanten 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.

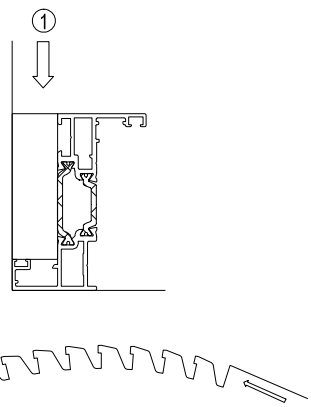
Es empfiehlt sich, Späne abzusaugen, die während der spanenden Bearbeitung entstehen. Alle Sägeschnitte, die eine Verbindung bilden (wie z. B. Eck- und T-Verbindungen) müssen mit Reynaprotector (Art.-Nr. 086.9208.SY + 086.9225.--) geschützt werden. Andere Sägeschnitte (wie z. B. Glasleisten, Klemmleisten, Frässchnitte, Bohr- oder Stanzlöcher) müssen mit Reynastick (Art.-Nr. 086.9600.XX) 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 Sägetisch 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 unterschieden 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.

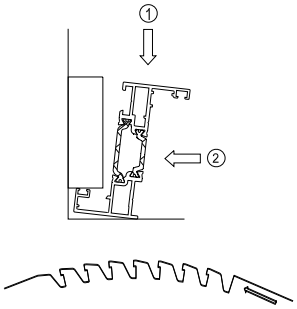
Die Klemmblöcke müssen verwendet werden:
- um zu verhindern, dass Spiel an den Profilen die Qualität des Stoßes beeinträchtigt;
- um zu verhindern, dass sich die Profile auf dem Tisch verdrehen.





FALSCHE 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.



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:
1. die Aussparungen markieren;
2. Korrekt stanzen, bohren oder fräsen.
3. Schutz der Schnittkanten:
   - Entgraten (falls erforderlich).
   - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
   - Entfetten der Profile (Art.-Nr. 086.9182.--).
   - Reynastick (Art.-Nr. 086.9600.XX) 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. 125 mm aus der Ecke (für spezifische Entwässerung : siehe Montagezeichnung 'Entwässerung') :
  Bei Rahmenbreiten bis 1200 mm sind 2 Öffnungen 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 30 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 18 mm)
3. Befestigungslöcher (∅9) 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. 086.9208.SY + 086.9225.--) auf Sägeschnittfläche/Befestigungslöcher und Reynastick (Art.Nr. 086.9600.XX) auf die Säge-/Fräsnittflächen auftragen.

5. Abdichten der Zone unter dem T-Profil auf dem Rahmenprofil. Dies muss vollständig wasserdicht ausgeführt zu werden.
6. Verbindung herstellen: Der T-Verbinder für das Innenteil wird auf der Mittellinie positioniert und festgeschraubt (PHILIPS), 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 (Torx T20). Dabei muss die eine Seite festgehalten werden, während die andere Seite angezogen wird.
8. Verbinder werden durch Einspritzen eines zugelassenen Dichtungsklebers (Reynaseal Duo, Art.-Nr. 084.9080.--) in die dafür vorgesehenen Löcher fixiert.
    - 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 Eckverbindungen

1.2.3.1 Pressverbindungen

Verfahrensweise (siehe Montagezeichnung „*Eckverbindung*“): Leim vor dem Pressen einspritzen

1. Korrekt sägen.
2. 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-/Fräsnittflächen auftragen.
3. ** Verkleben in Profilkammer: Anbringen eines zugelassenen Dichtungsklebers (Reynaseal Duo Art.-Nr. 084.9080.--)
4. Presseckwinkel und Stützeckwinkel anbringen (siehe Montagezeichnung „*Stützeckwinkel*“)
5. Verbinden und pressen (siehe Montagezeichnung „*Eckverbindungsmaschine*“)
6. 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*“): Kleber vor dem Schrauben einspritzen

1. Korrekt sägen.
2. Schraub- (∅9) (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 Fräsnitte 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. 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 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 Multi Foam (Art.-Nr. 086.9230.--) entfettet werden, und die Anschlüsse müssen mit Vulkanisierkleber (Art.-Nr. 084.9103.04) 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.

1.2.4.2 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 Multi Foam (Art.-Nr. 086.9230.--) entfettet werden, und die Anschlüsse müssen mit Vulkanisierkleber (Art.-Nr. 084.9103.04) 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.

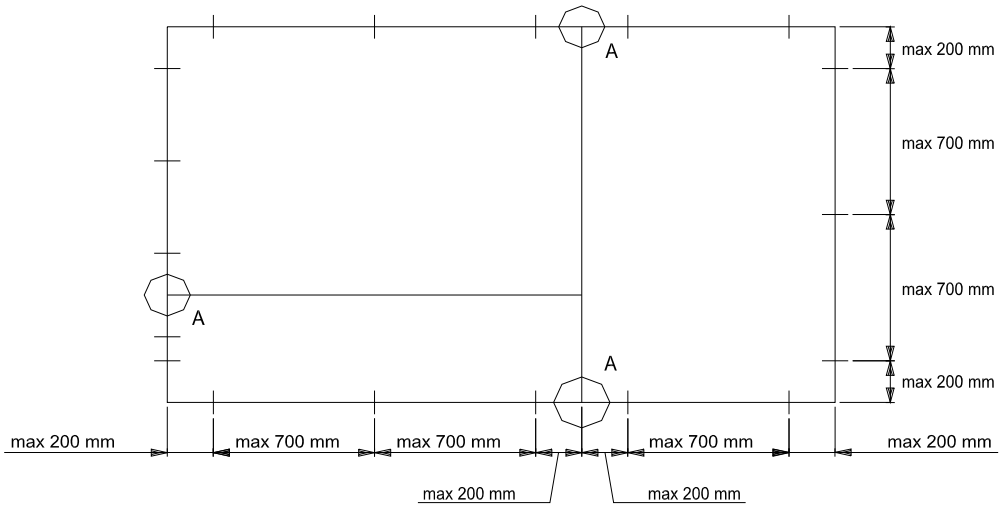
II.2 MONTAGE

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 Aluminiumelemente aufgenommen werden kann

II 2.3 Montage von Zubehör und Beschlägen sowie Wartung

Die Wahl der Befestigungspunkte, die Zahl der Verriegelungspunkte, das maximale Flügelgewicht, die maximalen und minimalen Größen, das verwendete Flügelprofil etc. hängen von den Anweisungen im Systemkatalog ab.

Gleitende und bewegliche Teile müssen mit Schmierung versehen werden. Bevorzugtes Schmiermittel = „3 IN ONE MULTI-PURPOSE OIL“ von WD-40 oder ein vergleichbares leichtes Maschinenöl. KEINE Pflegeprodukte auf Silikonbasis verwenden.

Überprüfen Sie bitte bei der Montage, dass alle Beschläge leichtgängig mit normalen Bedienungskräften bedient werden können.

Während des Schmierens den festen Sitz und die Sicherheit aller Befestigungsschrauben und Niete kontrollieren. Bei Bedarf sollten Befestigungselemente von einer qualifizierten Fachkraft repariert werden.

Die Verwendung von säurebasierten Produkten – beispielsweise zur Reinigung von Mauerwerk – wird schwere Schäden nach sich ziehen, wenn sie mit Beschlägen in Berührung kommen. Korrosion an oder das Versagen von Beschlagteilen infolge dieses Vorgehens kann nicht von einer Garantie abgedeckt werden.

Reibungsfeststeller und Sperrbügel

- Normale Einsatzbedingungen sind Temperaturen im Bereich –20 °C bis +60 °C und relative Luftfeuchtigkeit von 10 % bis 95 %.
- Wartung und Schmierung
  - Das Scharnier im Allgemeinen (Gelenke, Gleitschuh und Schiene) muss jederzeit frei von Schmutz, Ablagerungen und Behinderungen sein.
  - Zum Zeitpunkt des Einbaus alle Gelenkpunkte wie oben beschrieben mit Öl schmieren.
  - Alle 5 Jahre:
    a. Scharnier von Schmutz oder Ablagerungen reinigen, alle Behinderungen von Gelenken, Gleitschuh und Schiene entfernen.
    b. Schmiermittel auftragen und Befestigungselemente wie oben beschrieben kontrollieren.
  - Für Küstenorte und korrosive Atmosphären empfehlen wir zusätzlich zu den Anweisungen oben:
    a. Optionale Reibungsfeststeller aus austenitischem Edelstahl (AISI 304) werden als Wahlmöglichkeit im Systemkatalog angeboten. Bitte überprüfen Sie, ob das für Ihren Einsatzort erforderlich ist.
    b. Auf alle Metalloberflächen muss dünn Schmieröl aufgetragen werden
    c. Wartungstätigkeiten müssen häufiger ausgeführt werden. Das hängt von den vorherrschenden Bedingungen ab.

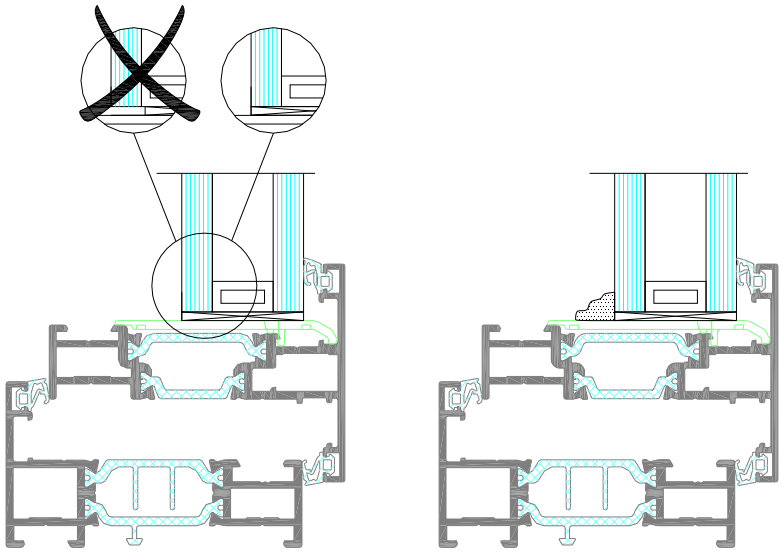
Stangenschloss, Schließteile und Griff

- Wartung und Schmierung
  - Es wird empfohlen, die Edelstahlteile alle 6 Monate zu reinigen.
  - Die beweglichen Teile (wie Drehgriff, Schieber und Läufer) sowie die Verriegelung sollten mindestens zweimal im Jahr wie oben beschrieben mit Öl geschmiert werden.
  - Befestigungselemente wie oben beschrieben kontrollieren.
  - Verriegelungspunkte mit einem säurefreien Fett (wie Vaseline) schmieren.

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 10 mm am Aluminiumfenster (5 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:

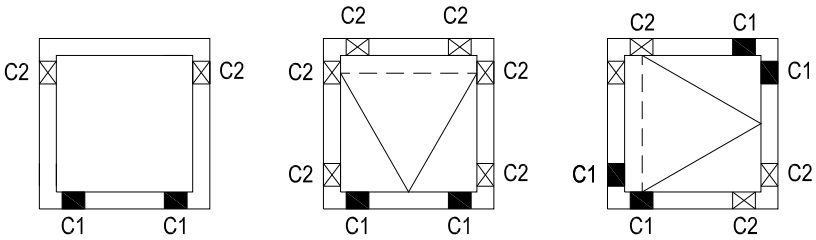
Tragklötze

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.

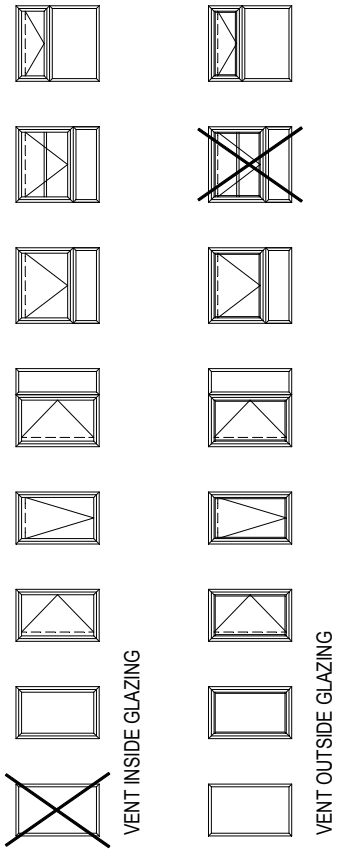
C2: Distanzklötze
Diese Blöcke sichern die Glasposition im Falz. Die Klötze werden ohne stärke Kraftaufwendung angebracht.

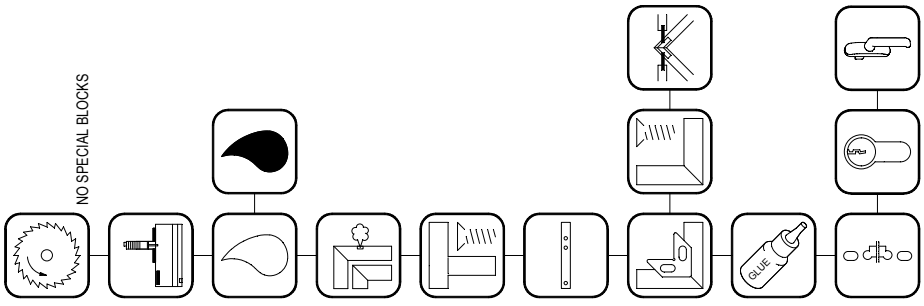
Die folgenden Abbildungen zeigen die erforderliche Position der Verglasungsklötze in den verschiedenen Fenstertypen.



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, das der Fensterflügel mittig zum Rahmen positioniert ist. Nachdem der Fensterflügel korrekt verkeilt ist, können (ggf.) die Distanzklötze angebracht werden, bevor die Glasleisten angebracht werden.


VENT INSIDE GLAZING
VENT OUTSIDE GLAZING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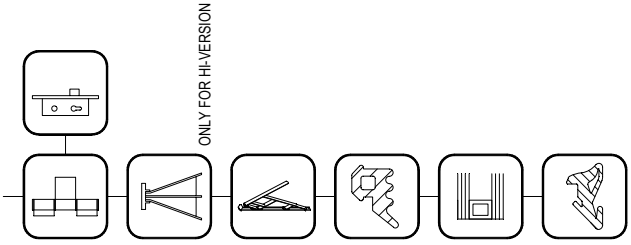
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056.5049.00
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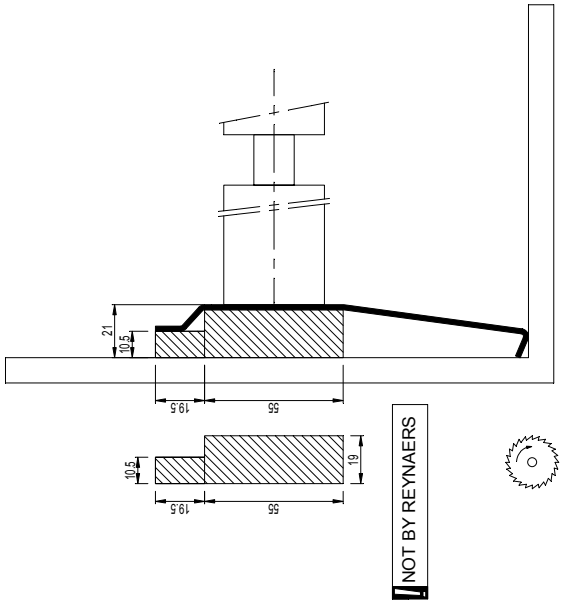

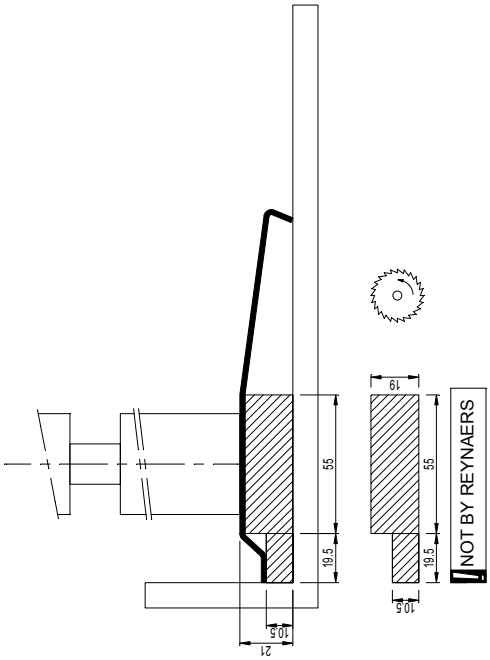

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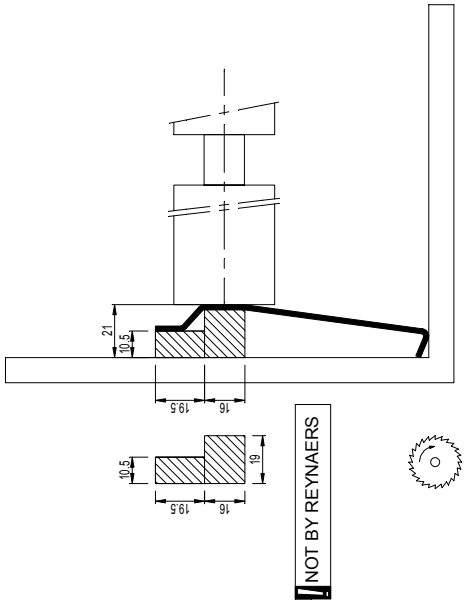
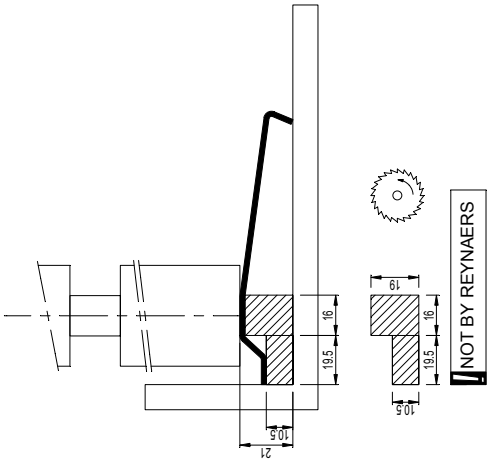
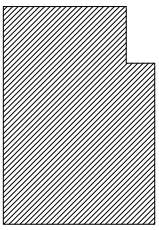




F

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' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

KLEMBLOKKEN CNC MACHINES 095.B700.00
BLOCS DE SERRAGE CNC MACHINES 095.B700.00
CLAMP BLOCKS CNC MACHINERY 095.B700.00
SPANNBACKEN CNC MASCHINEN 095.B700.00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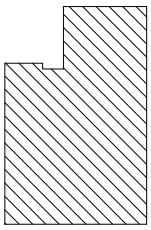
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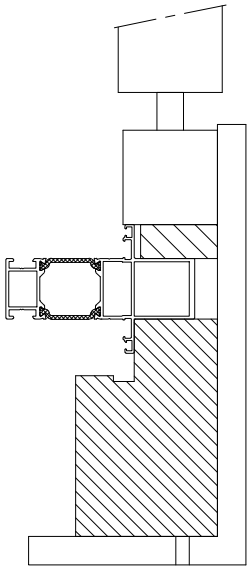
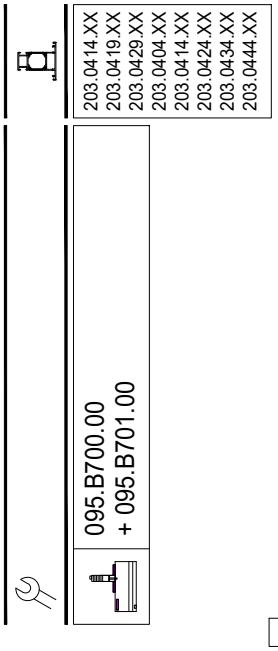
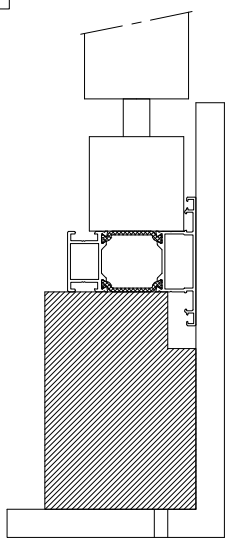
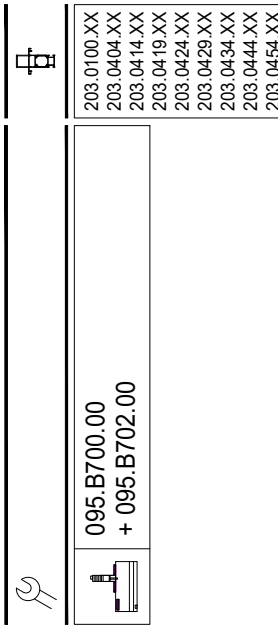
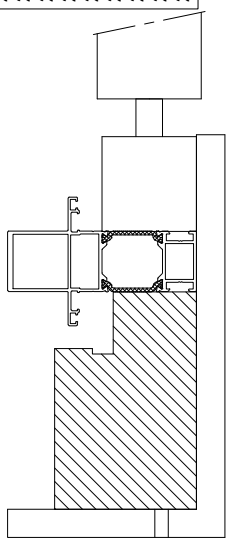
SBZ 130











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SBZ 130

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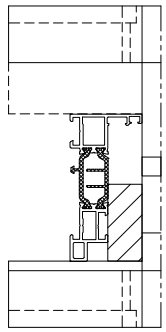

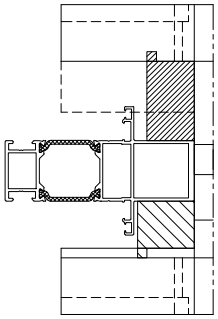

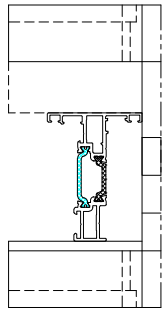

095.C300.00
+ 095.C353.00 + 095.C354.00

203.0100.XX
203.0414.XX
203.0419.XX
203.0429.XX
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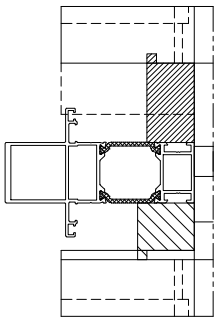
203.0444.XX
203.0454.XX



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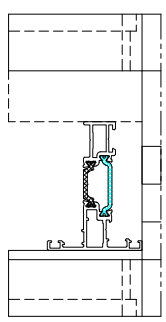

BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG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

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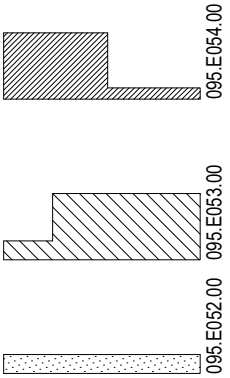
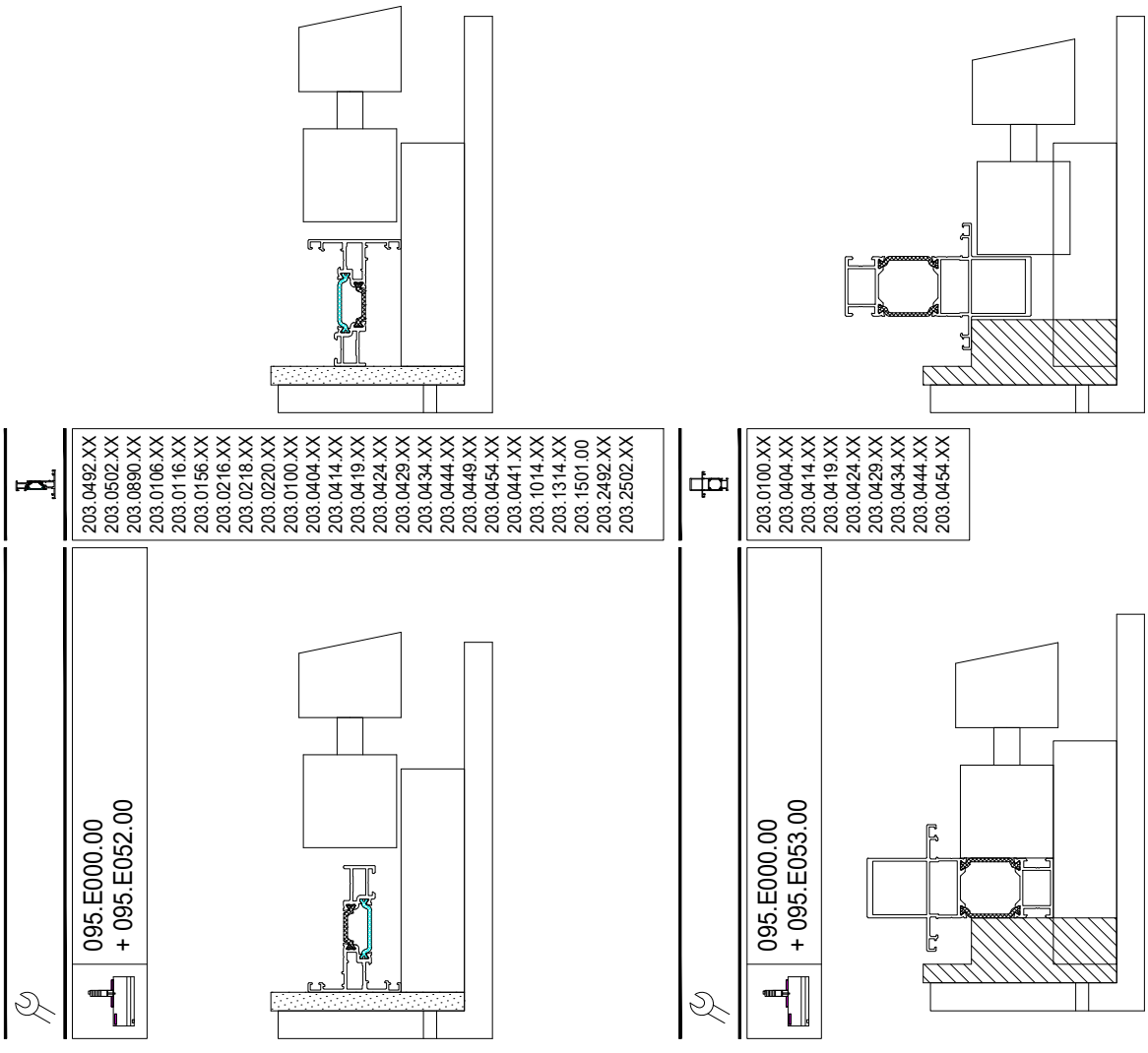
KLEMBLOKKEN CNC MACHINES 095.E000.00
BLOCS DE SERRAGE CNC MACHINES 095.E000.00
CLAMP BLOCKS CNC MACHINERY 095.E000.00
SPANNBACKEN CNC MASCHINEN 095.E000.00





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SBZ 122

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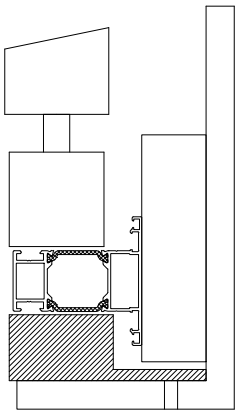

BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
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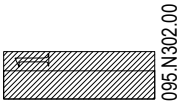
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

F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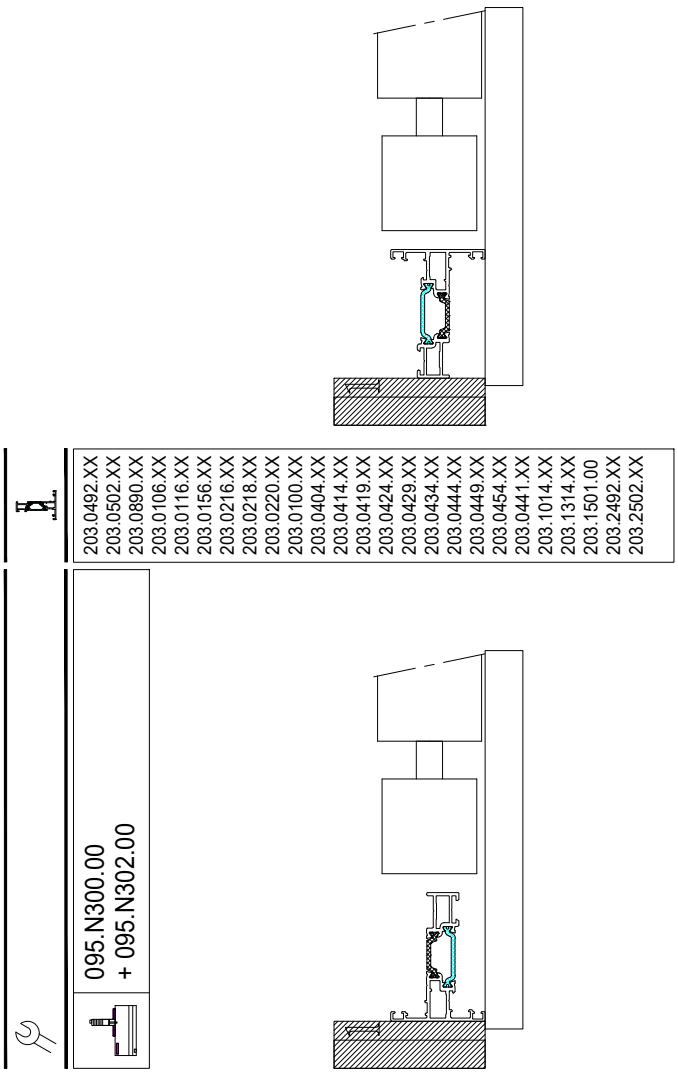
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203.0116.XX
203.0156.XX
203.0216.XX
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203.0220.XX
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203.0444.XX
203.0449.XX
203.0454.XX
203.0441.XX
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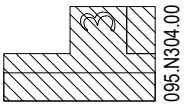
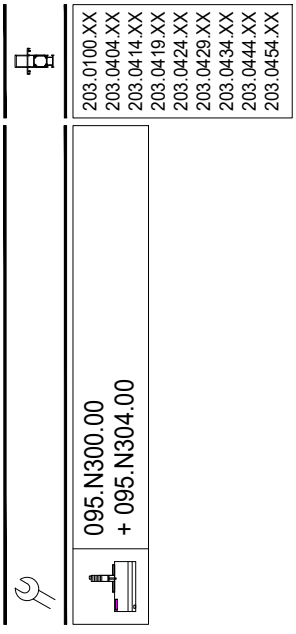
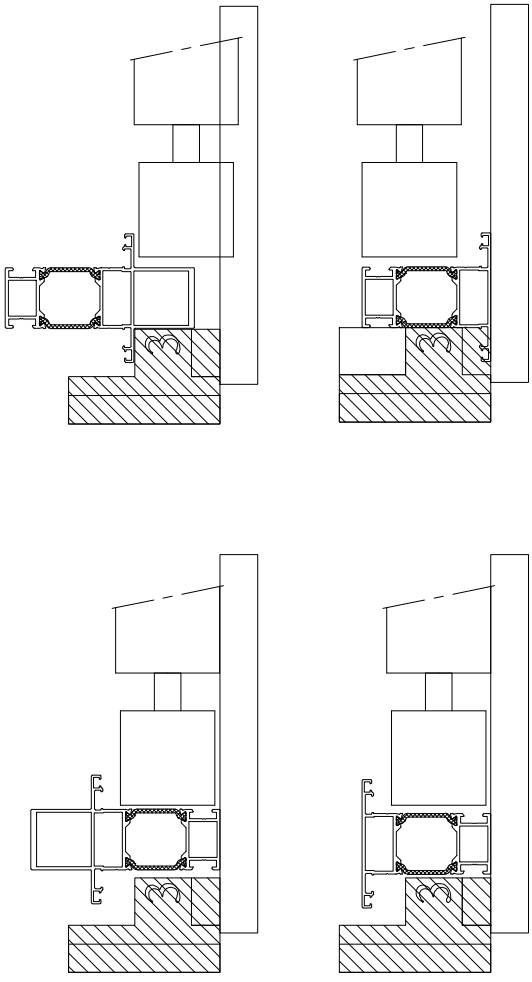
095.N300.00
+ 095.N302.00

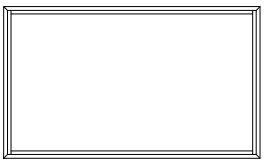


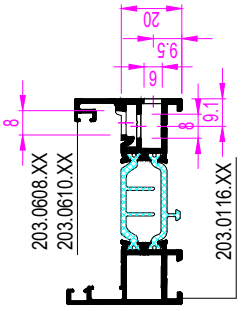


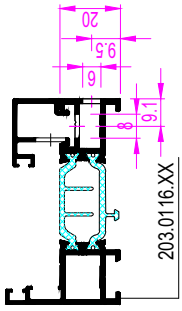


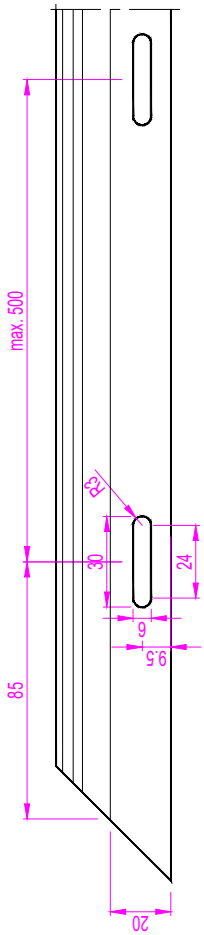
BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG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

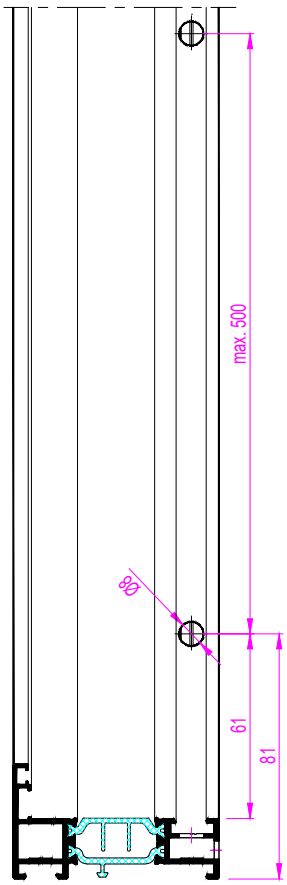
F

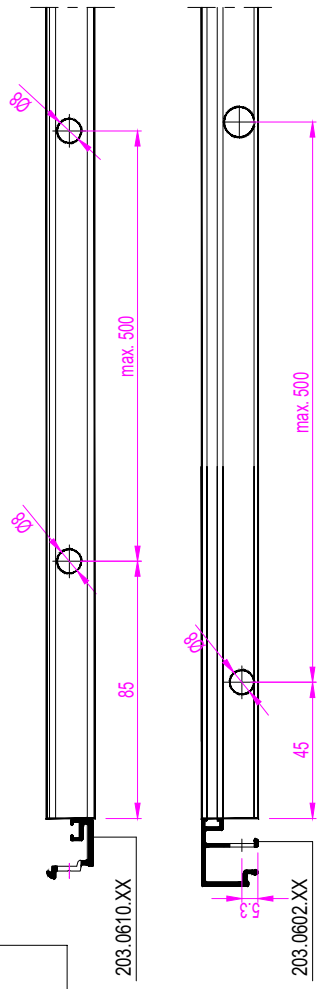












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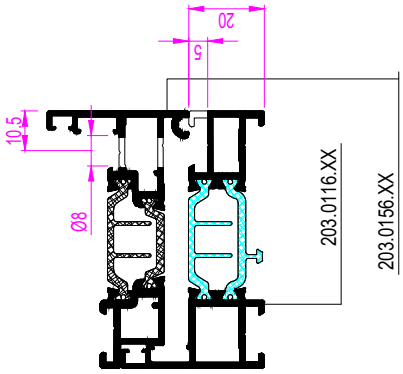
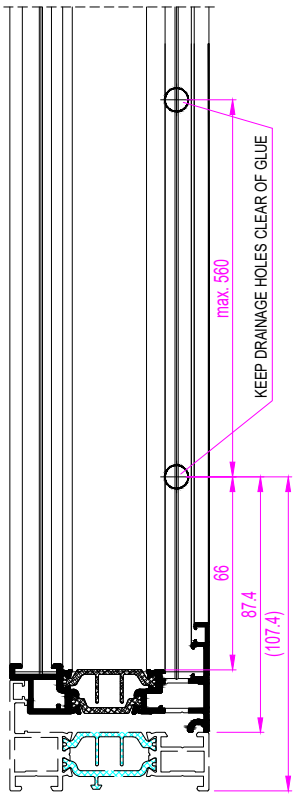
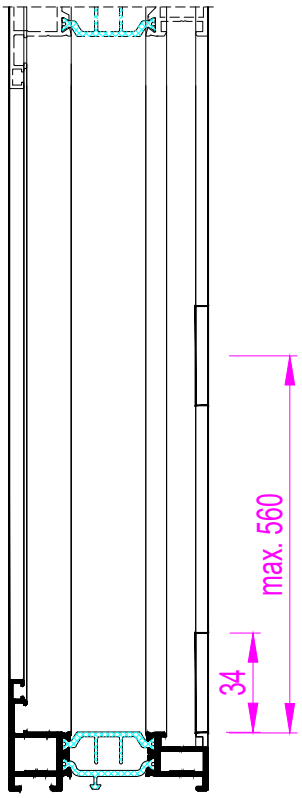
203.0600.XX 203.0602.XX 203.0604.XX			
	097.0183.00 197.D000.00	-	-

F

ONTWATERING VAST RAAM
DRAINAGE FENETRE FIXE
DRAINAGE FIXED WINDOW
ENTWAESSERUNG FESTVERGLASUNG







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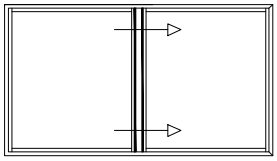
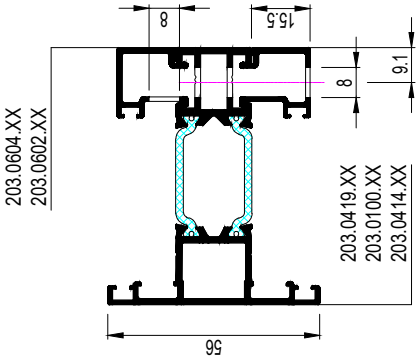
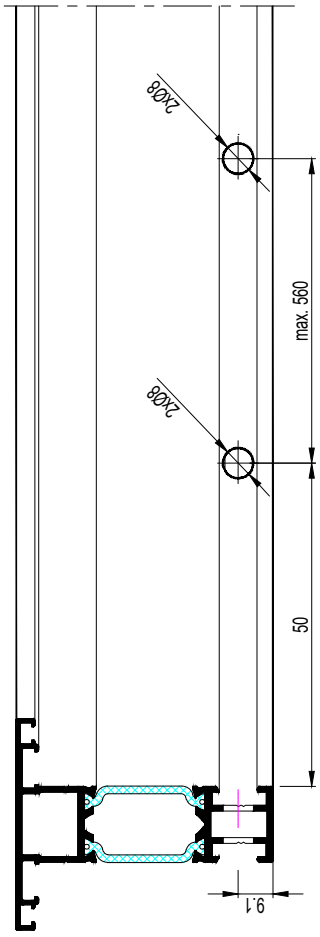
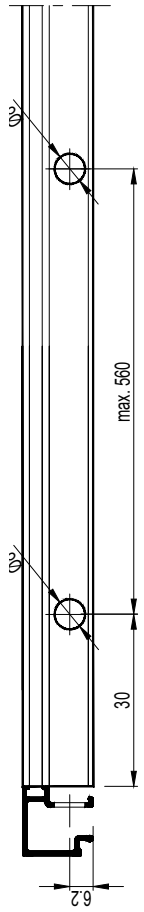
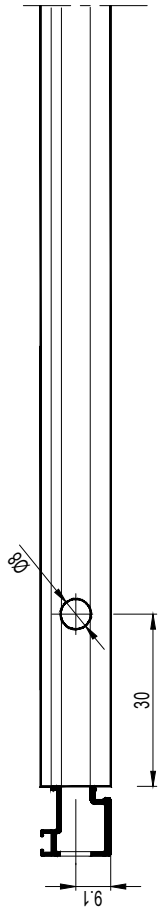






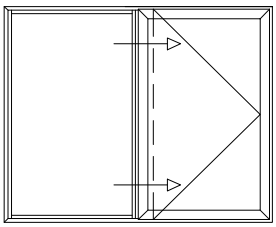


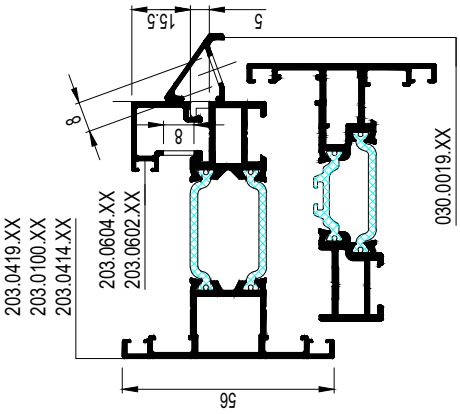


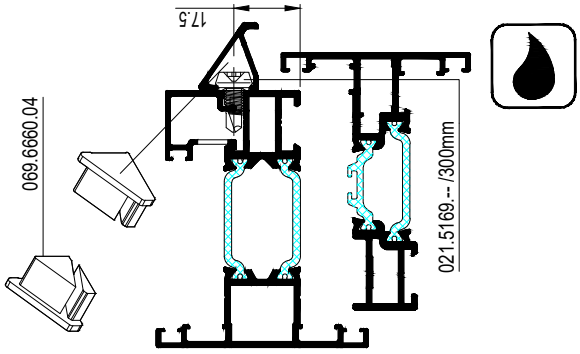
203.0419.XX 203.0100.XX 203.0414.XX 203.0424.XX 203.0434.XX 203.0444.XX 203.0454.XX	095.C300.00 or 095.N300.00 095.E000.00	-

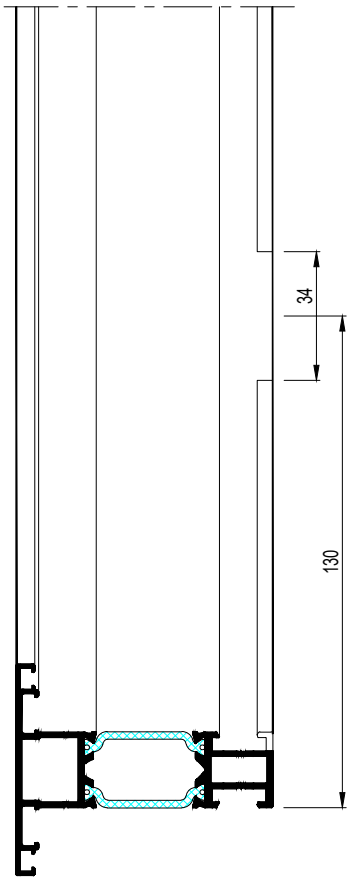
203.0604.XX 203.0602.XX	097.0183.00 197.D000.00	095.C300.00 or 095.N300.00 095.E000.00

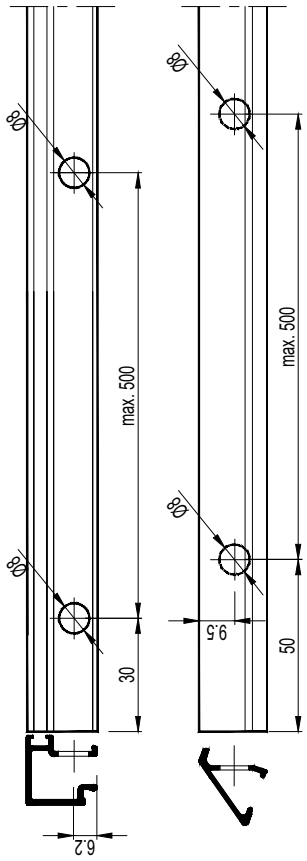
203.0604.XX 203.0602.XX	-	-











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	095.C300.00 or 095.N300.00 095.E000.00
	-

203.0604.XX 203.0602.XX	
	097.0183.00 197.D000.00
	095.C300.00 or 095.N300.00 095.E000.00
	-

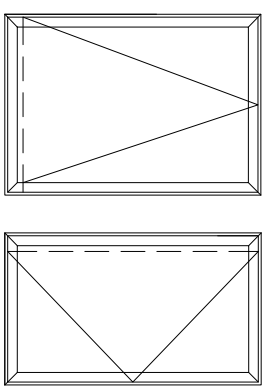
BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> RAADPLEEG HOOFDSTUK B !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> CONSULTEZ CHAPITRE B !
ADDITIONAL INFO PREPARATION/PROCESSING -> CONSULT CHAPTER B !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL B !

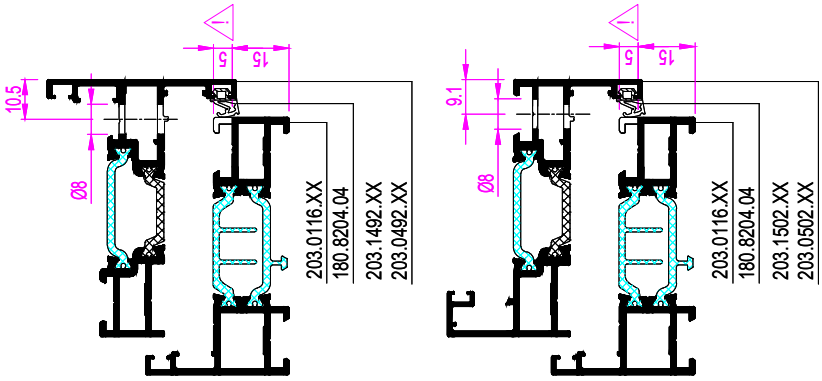
schaal - échelle
scale - Maßstab
1/2

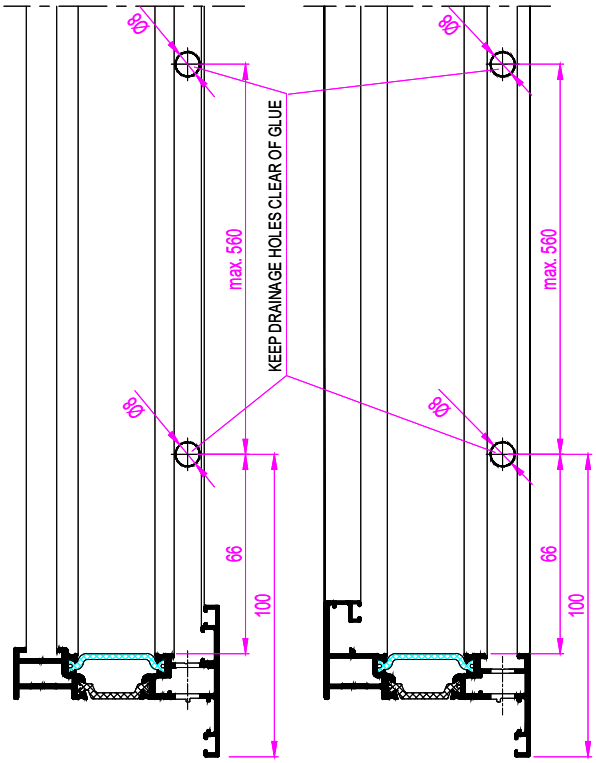
F

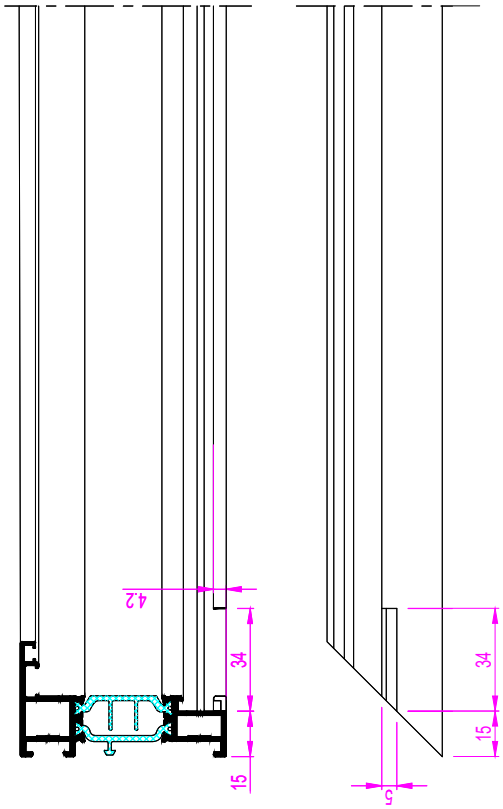
SL 68

ONTWATERING SIDE HUNG
DRAINAGE SIDE HUNG
DRAINAGE SIDE HUNG
ENTWAESSERUNG SIDE HUNG









AANSLAGDICHTING WEGNEMEN TER HOOGTE VAN ONTWATERING
ENLEVER LE JOINT DE BUTÉE À LA HAUTEUR DU DRAINAGE
REMOVE WEATHER STRIP AT DRAINING HEIGHT
ANSCHLAGDICHT. WEGNEHM. AUF DER HÖHE DER ENTWÄSSERUNG

		203.0492.XX 203.0502.XX 203.2492.XX 203.2502.XX
	095.C300.00 or 095.N300.00 095.E000.00	

		203.0106.XX 203.0116.XX 203.0216.XX 203.0449.XX 203.0441.XX 203.0216.XX 203.0218.XX 203.0220.XX 203.0890.XX
	--- ---	
	095.C300.00 or 095.N300.00 095.E000.00	

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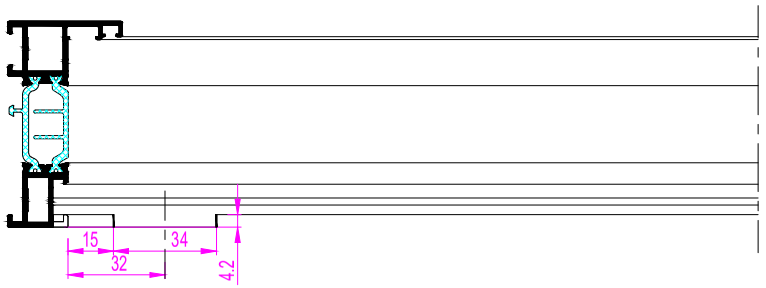
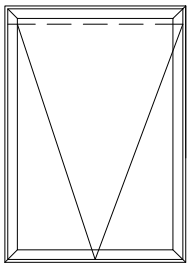
097.0183.00 197.C900.00	203.0106.XX 203.0116.XX 203.0216.XX 203.0449.XX 203.0441.XX 203.0216.XX 203.0218.XX 203.0220.XX 203.0890.XX
--- ---	





097.0183.00 197.C900.00	203.0106.XX 203.0116.XX 203.0216.XX 203.0449.XX 203.0441.XX 203.0216.XX 203.0218.XX 203.0220.XX 203.0890.XX
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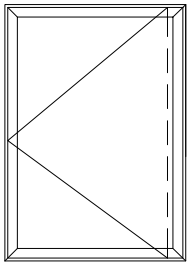


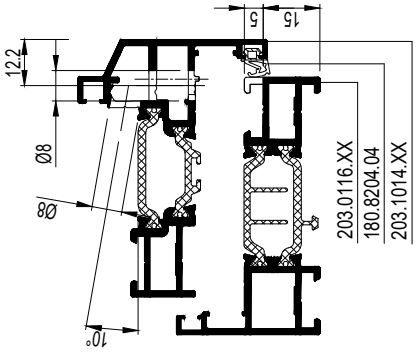
NOT RESTRICTED

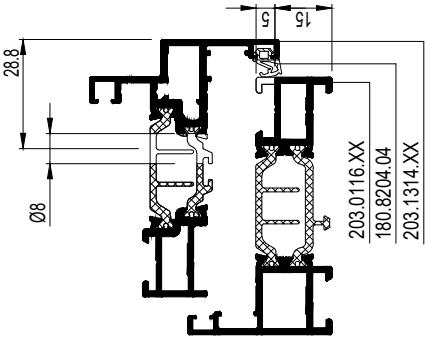
	PAIR / or PIECE RESTRICTED LEFT / RIGHT	MIN. VENT WIDTH (mm)
SIDE HUNG		
060.8960.--	PAIR	**388** *
060.8962.--	PAIR	**488** *
060.8968.--	PAIR	**488** *
060.8775.--	PAIR	**388** *
060.8778.--	PAIR	**488** *
SIDE HUNG - SP SUFFIXED		
060.8956.--	PIECE R.	**488** *
060.8966.--	PIECE L.	**488** *

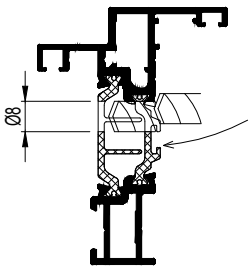
RESTRICTED

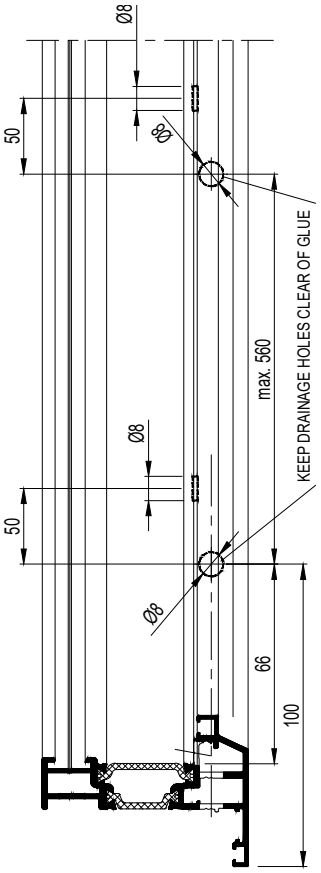
	PAIR / or PIECE RESTRICTED LEFT / RIGHT	MIN. VENT WIDTH (mm)
SIDE HUNG		
060.8951.--	PAIR R.	**388** *
060.8961.--	PAIR L.	**388** *
060.8953.--	PAIR R.	**488** *
060.8963.--	PAIR L.	**488** *
SIDE HUNG - SP SUFFIXED		
060.8957.--	PIECE R.	**488** *
060.8967.--	PIECE L.	**488** *

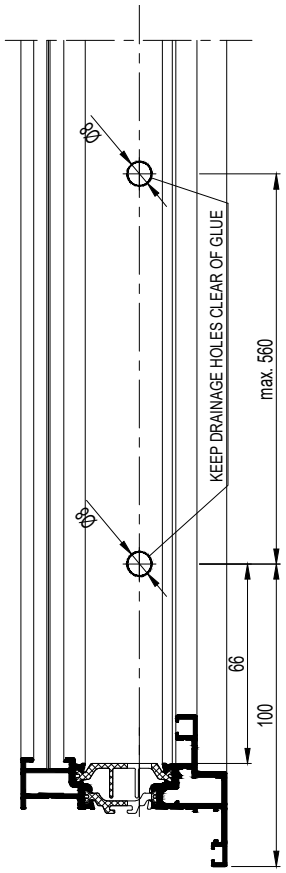
* GROTERE VLEUGELAFMETING NODIG VOOR PONSEN
PLUS GRAND OUVRANT NÉCESSAIRE POUR LE POINÇONNAGE
INCREASED MIN. VENT SIZE WITH PUNCHING
GRÖßERE FLÜGELABMESSUNG FÜR DAS STANZEN WIRD BENÖTIGT

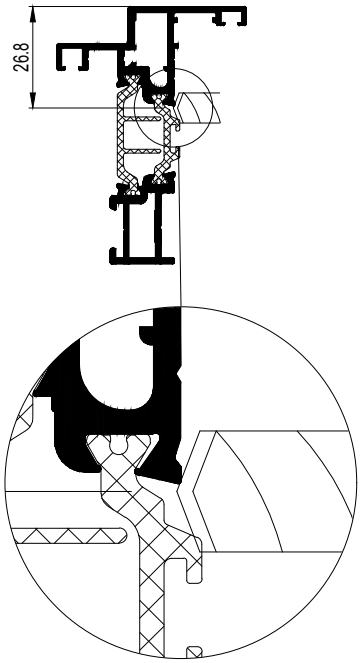


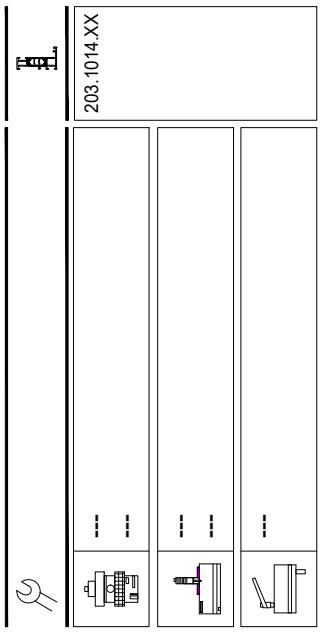


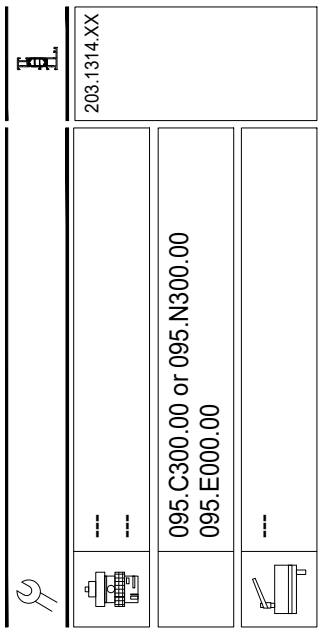










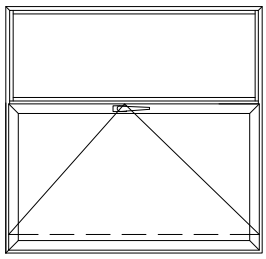


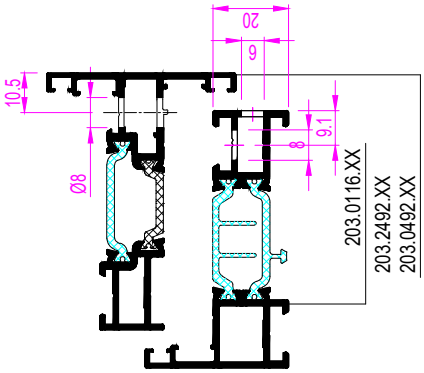
schaal - échelle
scale - Maßstab
1/2

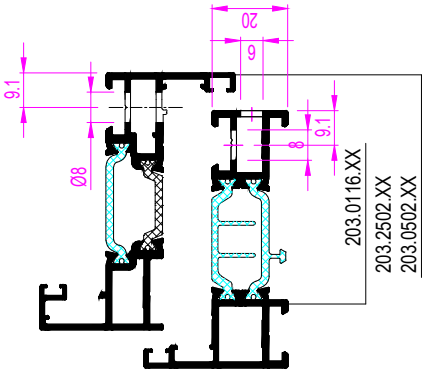
F

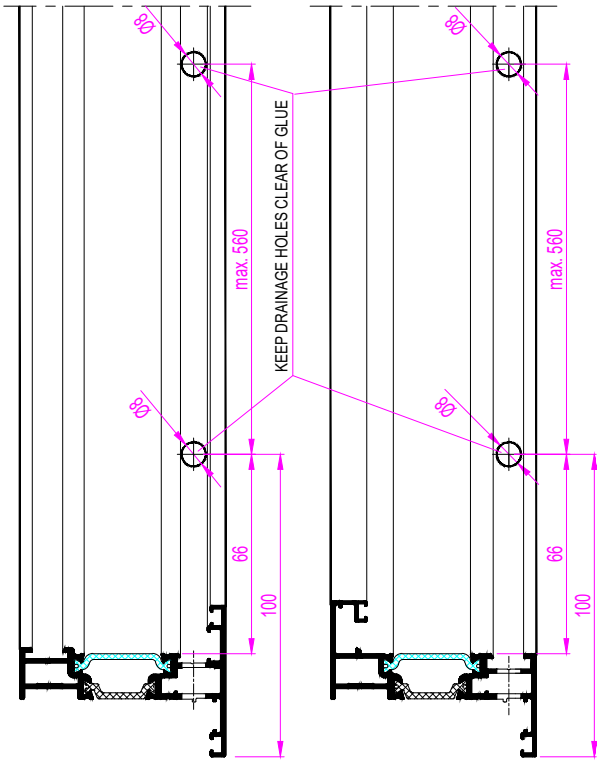
F

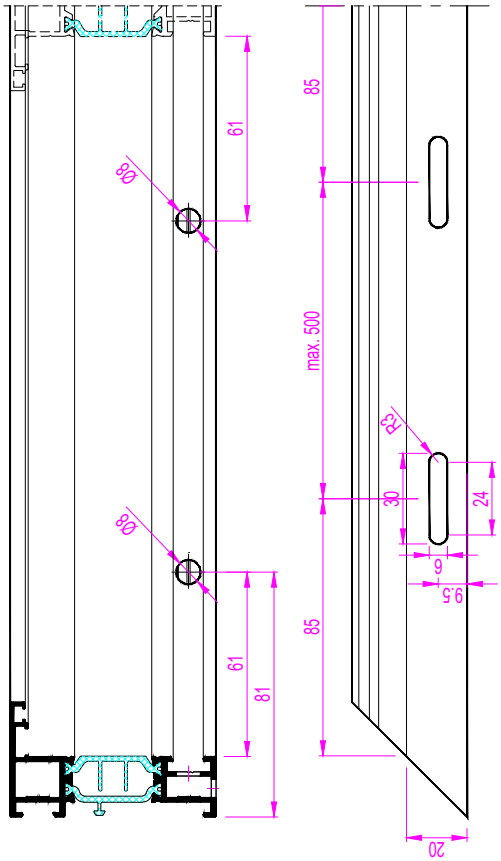
schaal - échelle
scale - Maßstab
1/2











	203.0492.XX 203.0502.XX 203.2492.XX 203.2502.XX		
		095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	---

	203.0106.XX 203.0116.XX 203.0449.XX 203.0441.XX		
	--- ---	095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	---

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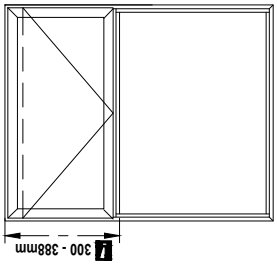

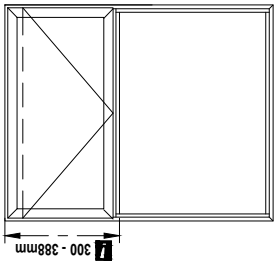

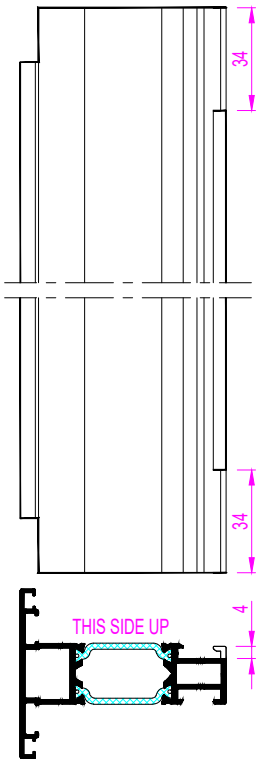

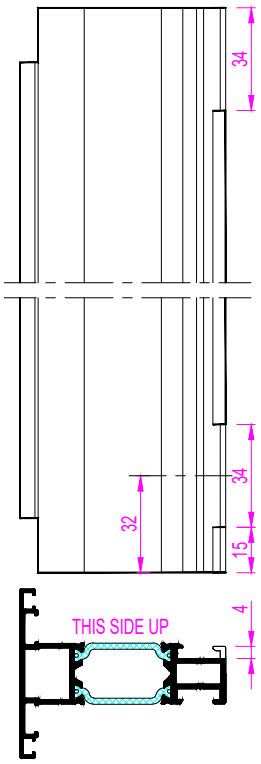

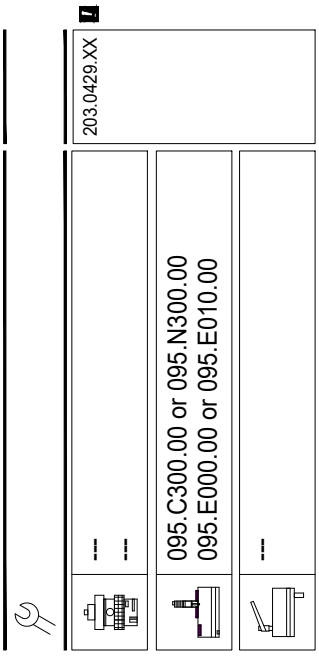

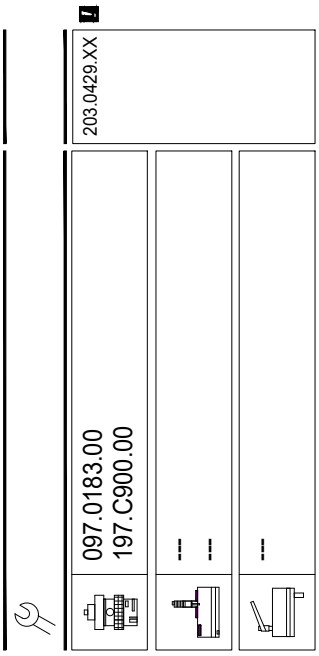

ENKEL GEBRUIKEN BIJ VLEUGELHOOGTE 300-388MM TOP HUNG
UTILISER UNIQUEMENT POUR UNE HAUTEUR D'OUVRANT 300-388MM TOP HUNG
ONLY USE FOR VENT HEIGHT 300-388MM TOP HUNG
NUR VERWENDEN FÜR EINE FLÜGELHÖHE 300-388MM TOP HUNG

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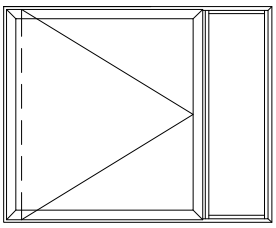

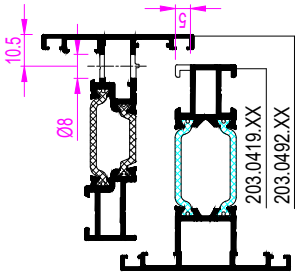

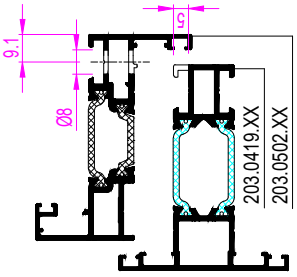

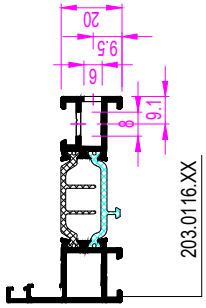

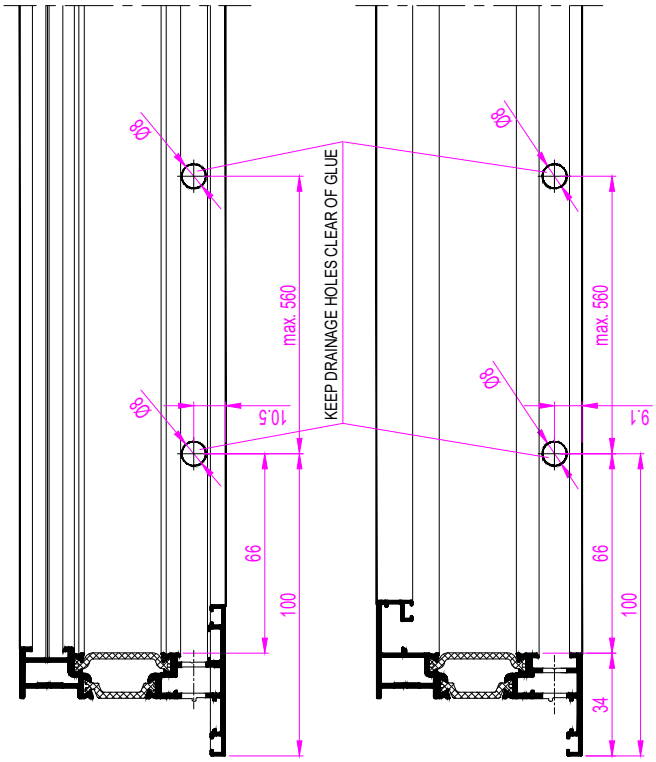

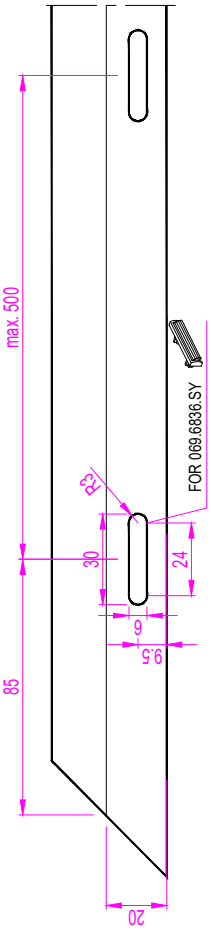

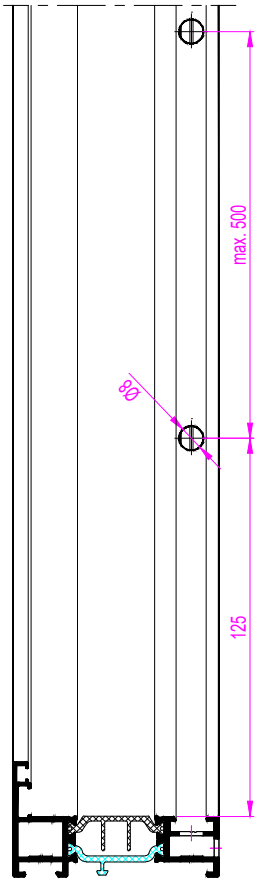

		203.0492.XX 203.0502.XX 203.2492.XX 203.2502.XX
	095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	

		203.0216.XX 203.0116.XX 203.0449.XX 203.0441.XX
	097.0183.00 197.C900.00	
	095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	

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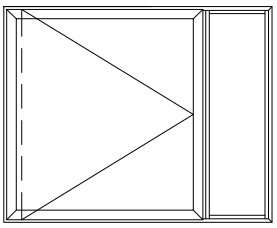

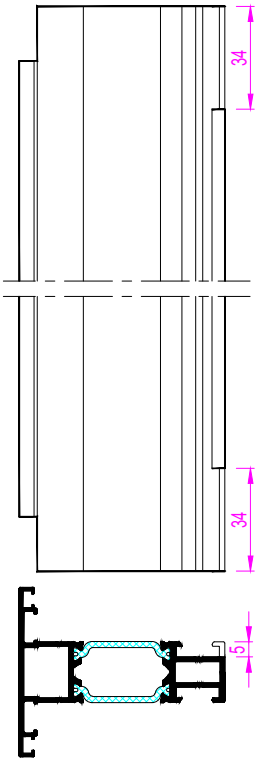

	203.0419.XX 203.0414.XX 203.0100.XX
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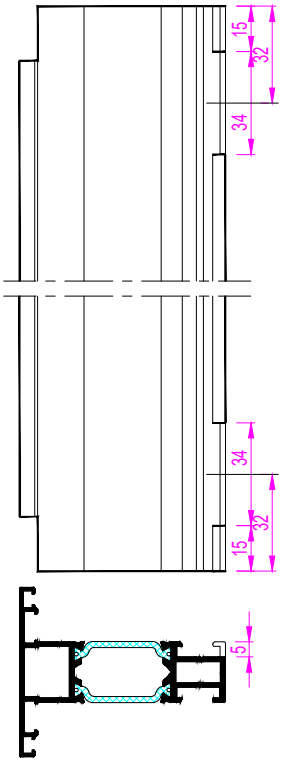
095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	



	203.0419.XX 203.0414.XX 203.0100.XX
097.0183.00 197.C900.00	
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ENKEL GEBRUIKEN BIJ VLEUGELHOOGTE 300-388MM TOP HUNG
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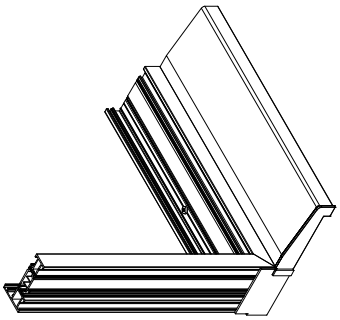
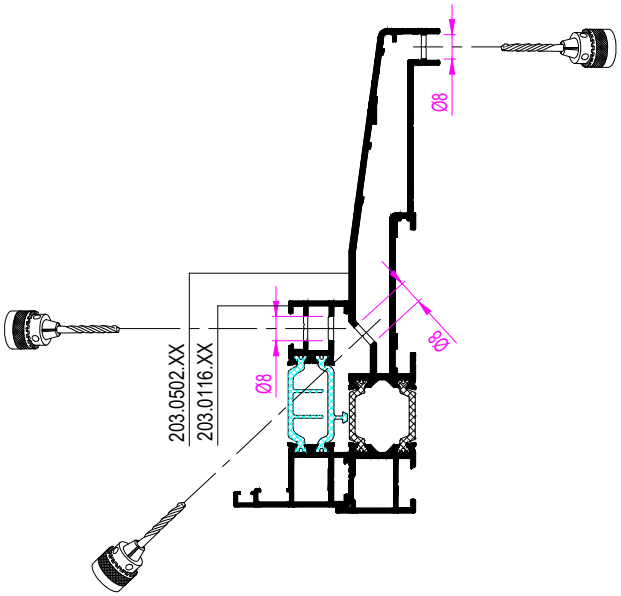
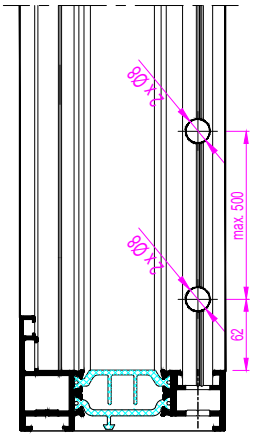
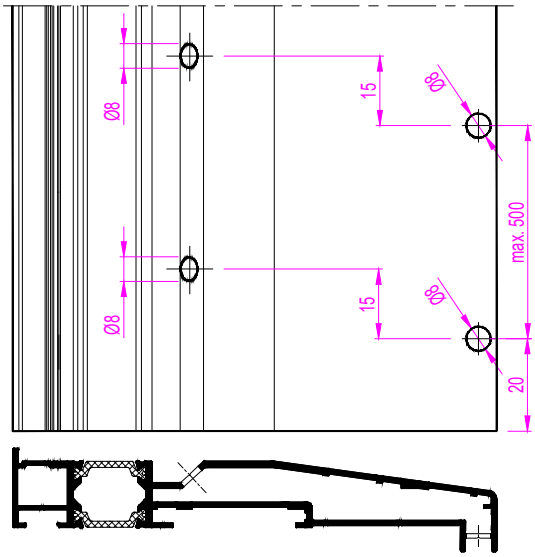


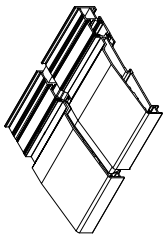


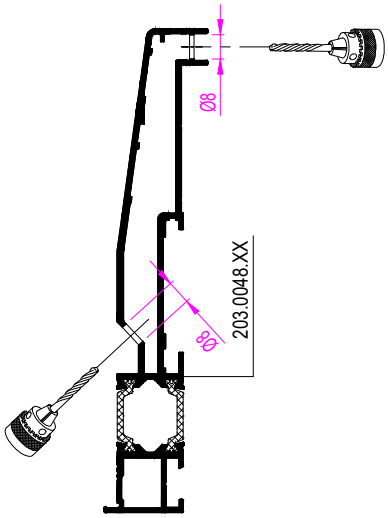


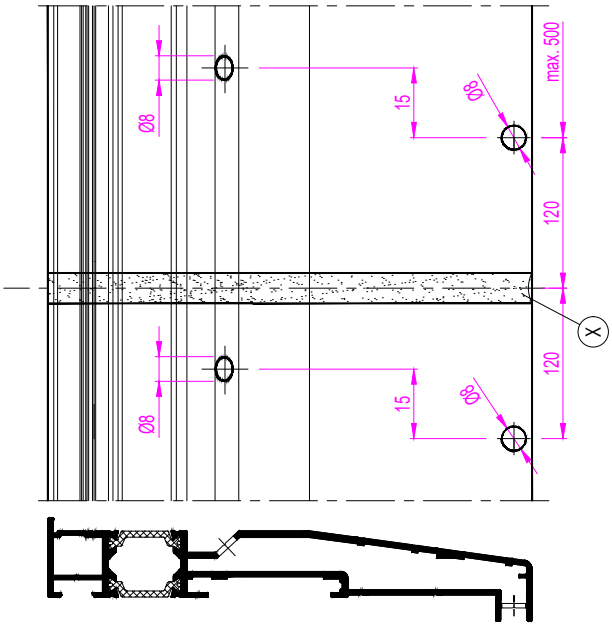


203.0106.XX 203.0116.XX 203.0216.XX 203.0449.XX 203.0441.XX			
		095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	-

ONTWATERING ONDERDORPEL
DRAINAGE SEUIL
DRAINAGE SILL
ENTWAESSERUNG BASISPROFIL







DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
X

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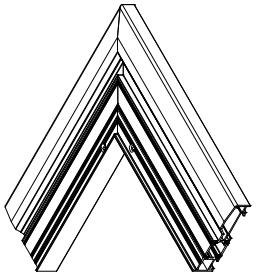
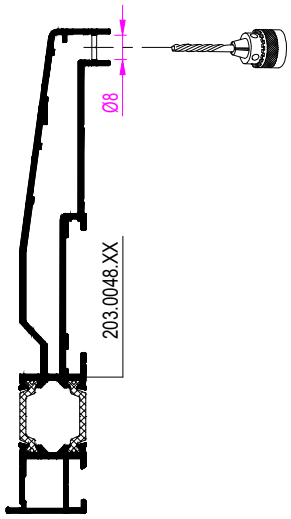
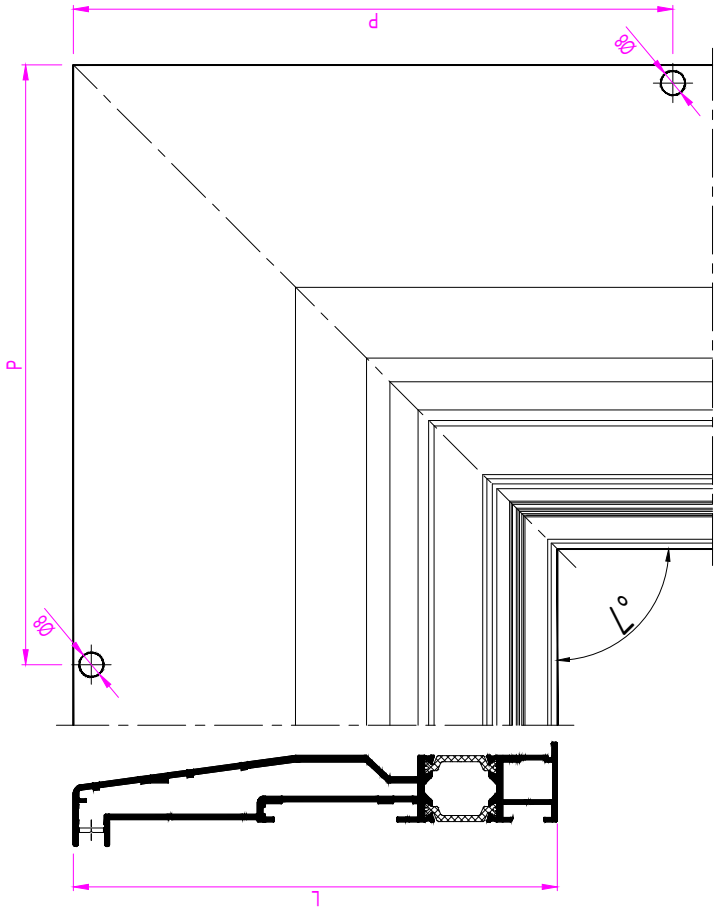




DORPEL SEUIL SILL SCHWELLE	L (mm)	ONTWATERING DRAINAGE DRAINAGE ENTWAESSERUNG ∠=90°	∠=135°
203.0047.XX	98.5	P=120	P=90
203.0048.XX	160	P=210	P=170
203.0049.XX	200	P=250	P=180
203.0050.XX	240	P=290	P=200



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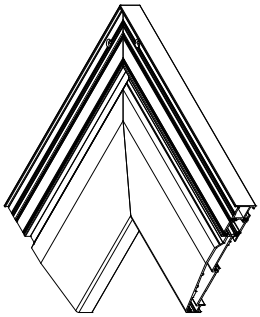

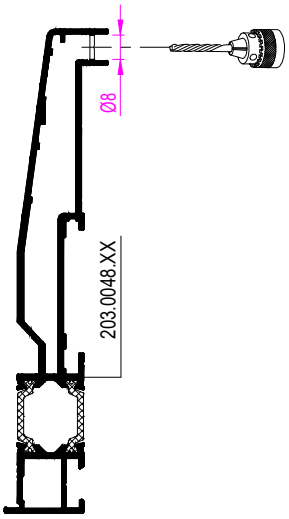

DORPEL SEUIL SILL SCHWELLE	L (mm)	ONTWATERING DRAINAGE DRAINAGE ENTWAESSERUNG ∠=90°	∠=135°
203.0047.XX	98.5	P=70	P=70
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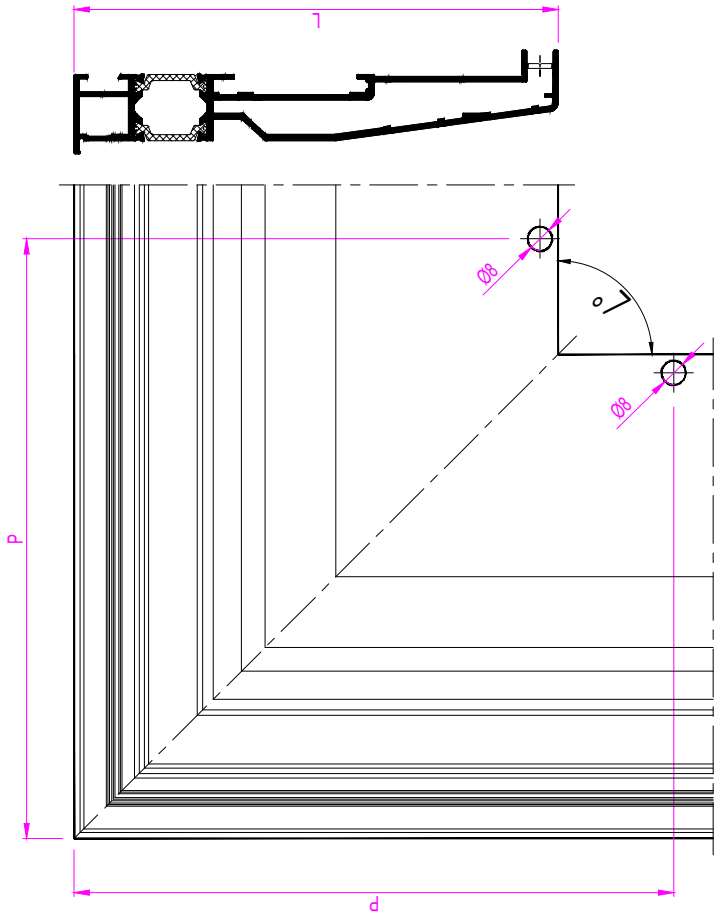
203.0049.XX	200	P=250	P=180
203.0050.XX	240	P=290	P=200



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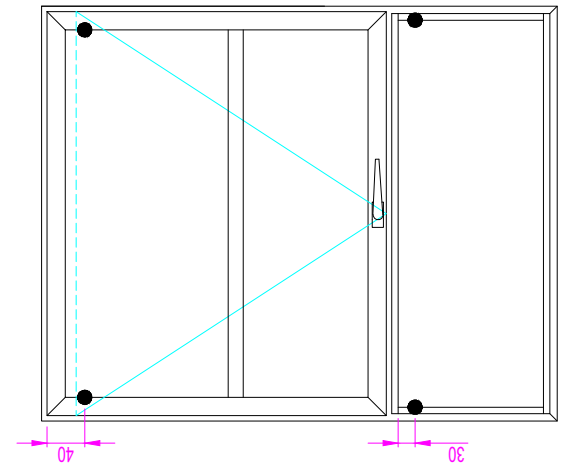

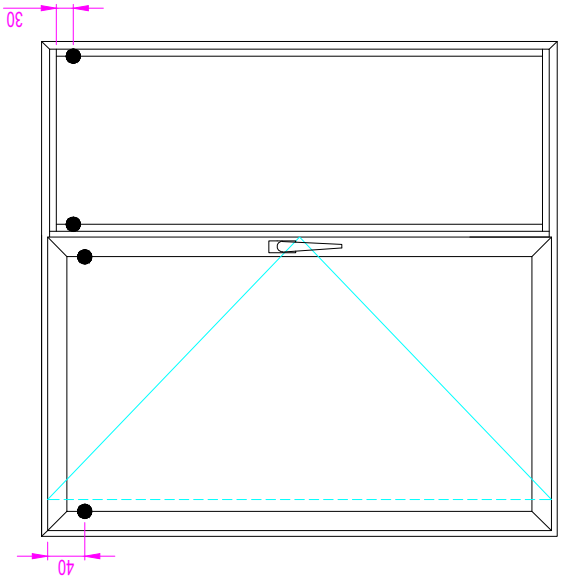

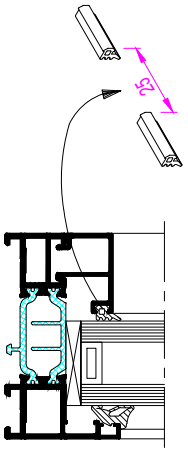

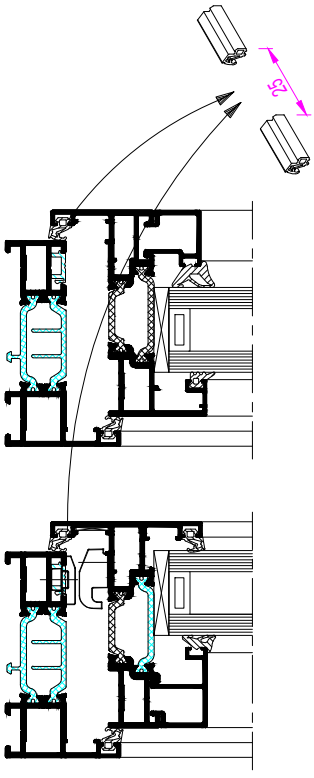

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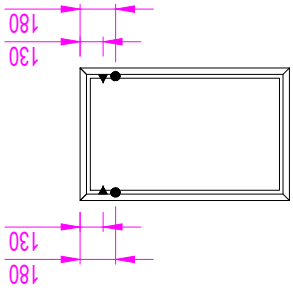
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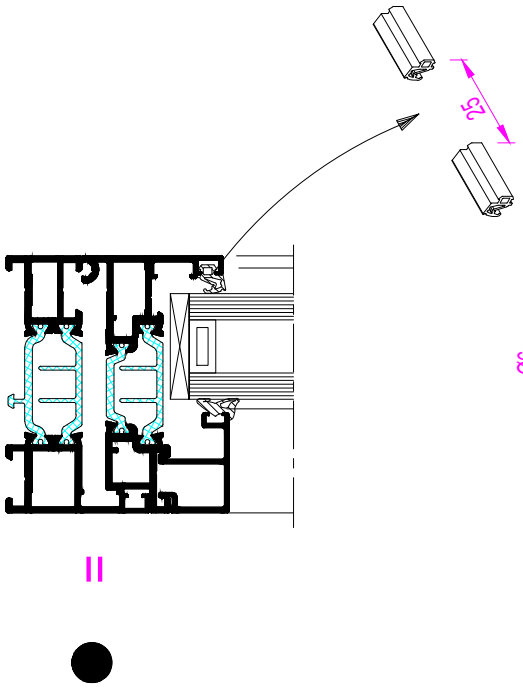
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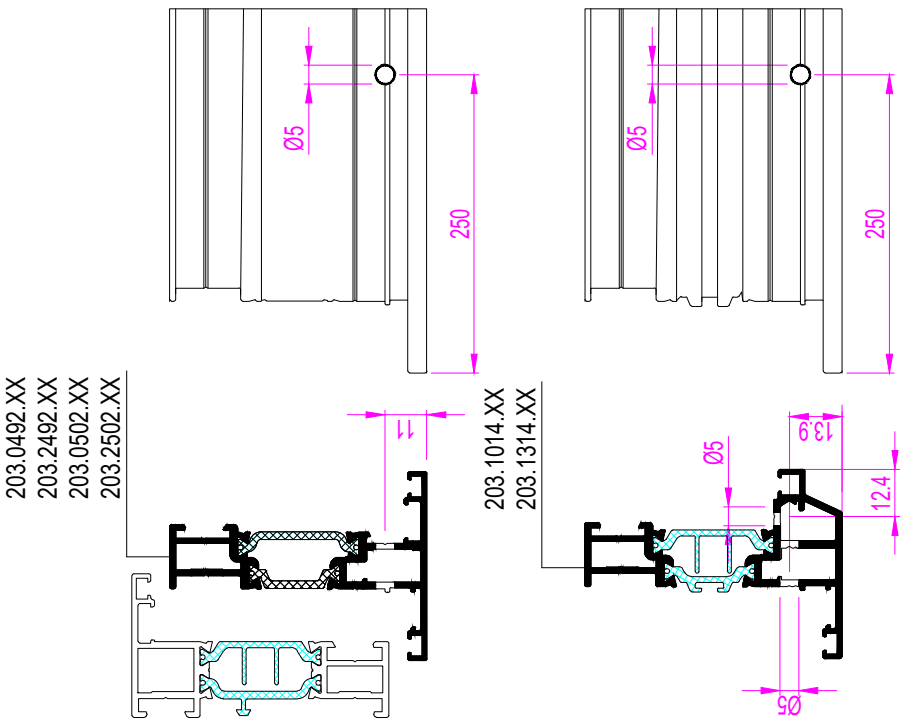
Ø5
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203.1314.XX
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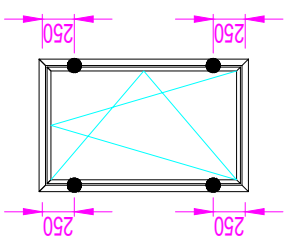
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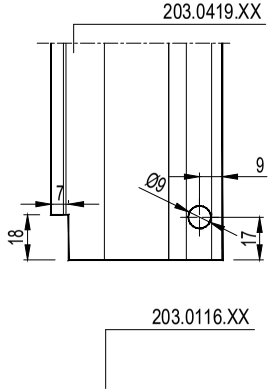

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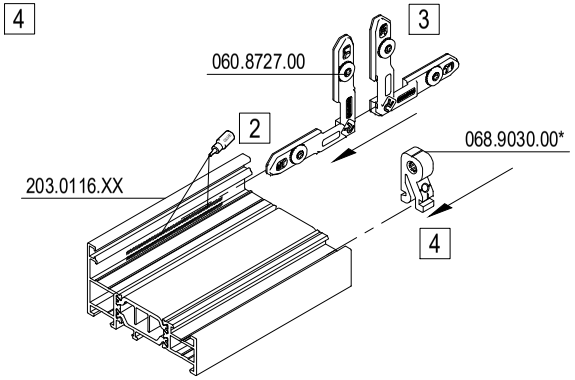
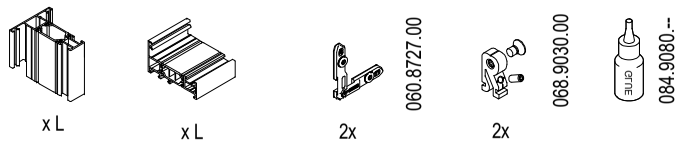
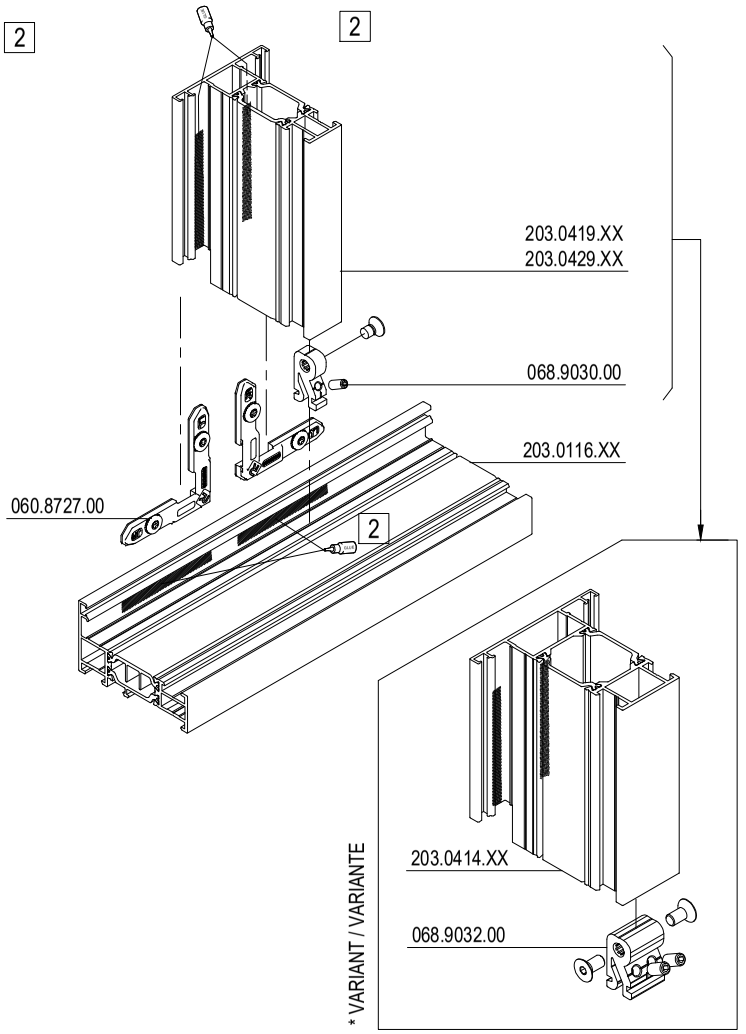




MAX GEWICHT 100kg OP T-PROFIEL & KADER
POID MAX 100kg SUR TRAVERSE & CADRE
MAX WEIGHT 100kg ON TRANSOM-MULLION & FRAME
MAX GEWICHTE 100kg AUF SPROSSE & BLENDRAHMEN

2 2



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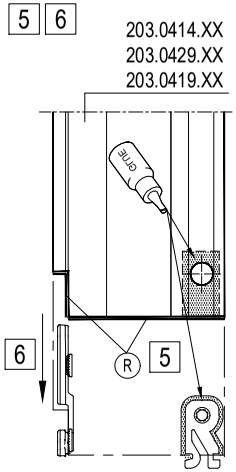

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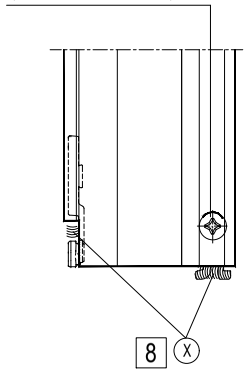

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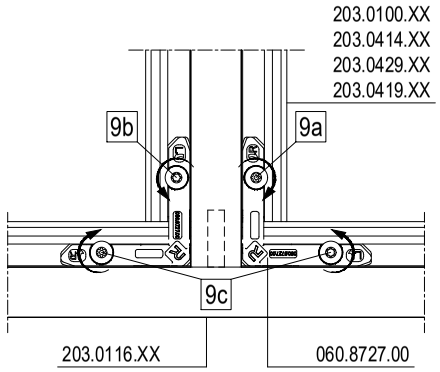

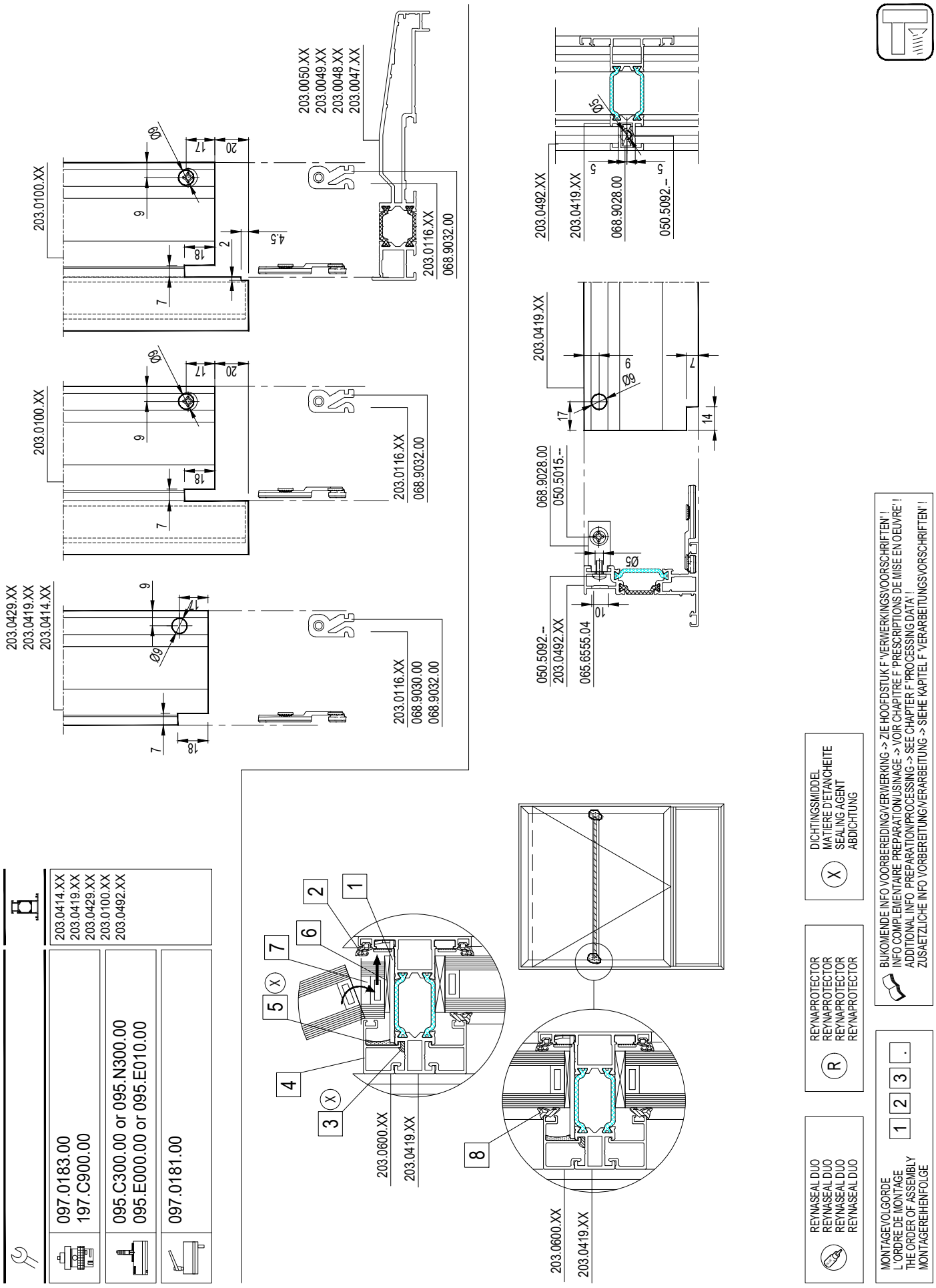
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095.E000.00 or 095.E010.00
097.0181.00
203.0100.XX
203.0429.XX
203.0419.XX
203.0414.XX
203.0050.XX
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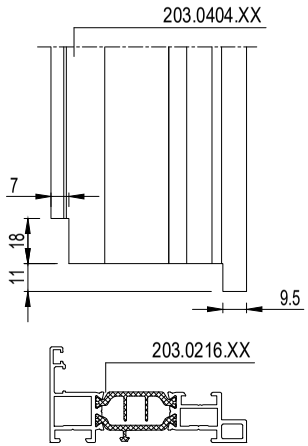
203.0048.XX
203.0047.XX
203.0116.XX
068.9032.00
068.9030.00
203.0492.XX
203.0419.XX
068.9028.00
050.5092.--
050.5015.--
065.6555.04
203.0600.XX
203.0419.XX
REYNASEAL DUO
REYNAPROTECTOR
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
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' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

1



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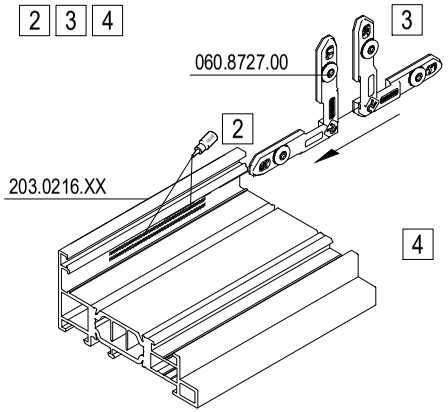
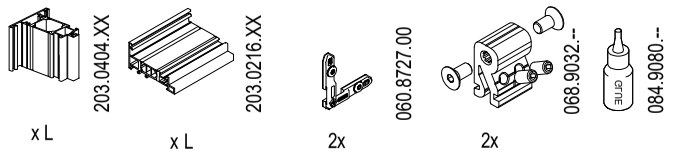
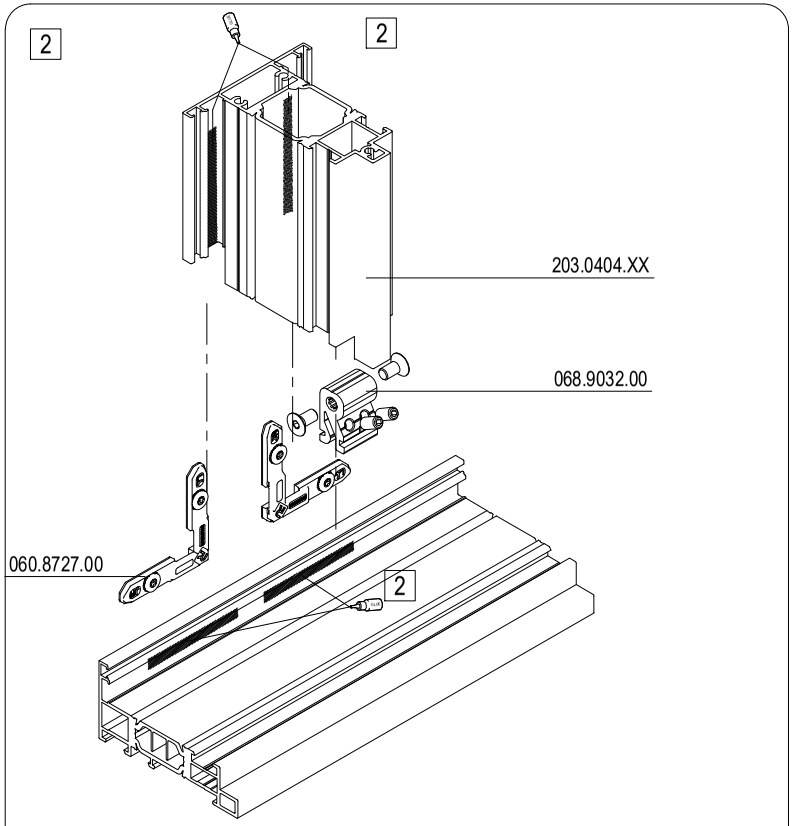




MAX GEWICHT 100kg OP T-PROFIEL & KADER
POID MAX 100kg SUR TRAVERSE & CADRE
MAX WEIGHT 100kg ON TRANSOM-MULLION & FRAME
MAX GEWICHTE 100kg AUF SPROSSE & BLENDRAHMEN

2



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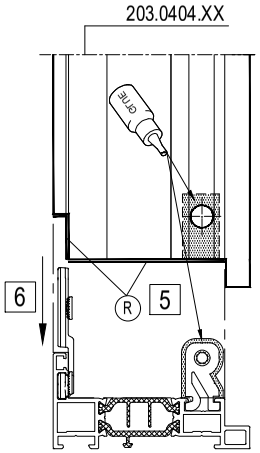

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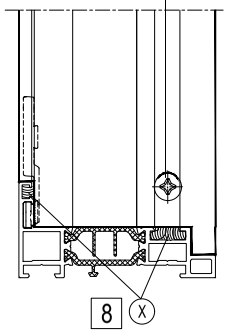
(part of 068.9032.00*)



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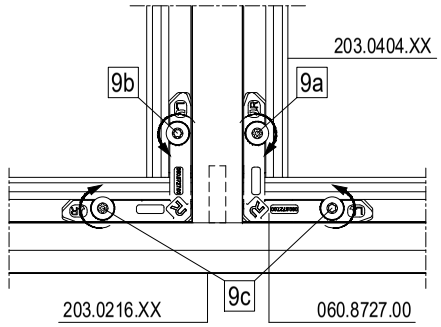

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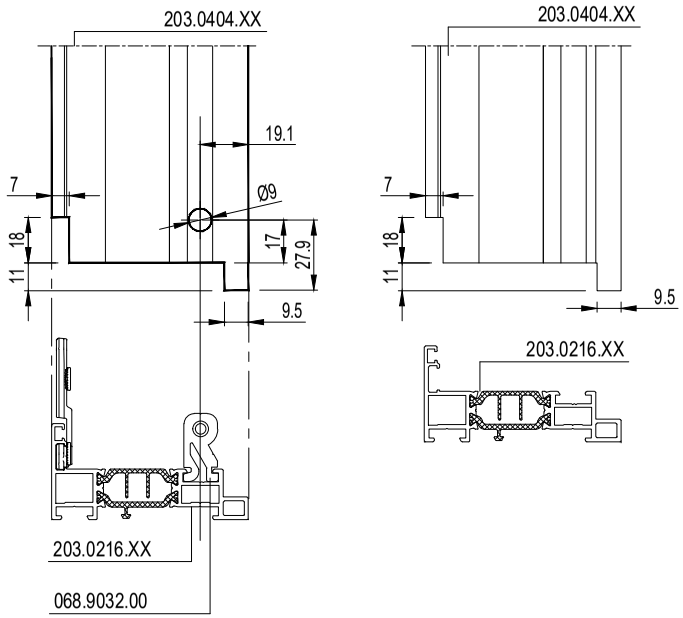

SL 68

T-VERBINDING
RACCORDEMENT-T
T-CONNECTION
T-VERBINDUNG

REYNASEAL DUO REYNASEAL DUO REYNASEAL DUO REYNASEAL DUO	REYNAPROTECTOR REYNAPROTECTOR REYNAPROTECTOR REYNAPROTECTOR
MATIERE D'ETANCHEITE SEALING AGENT ABDICHTUNG	

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

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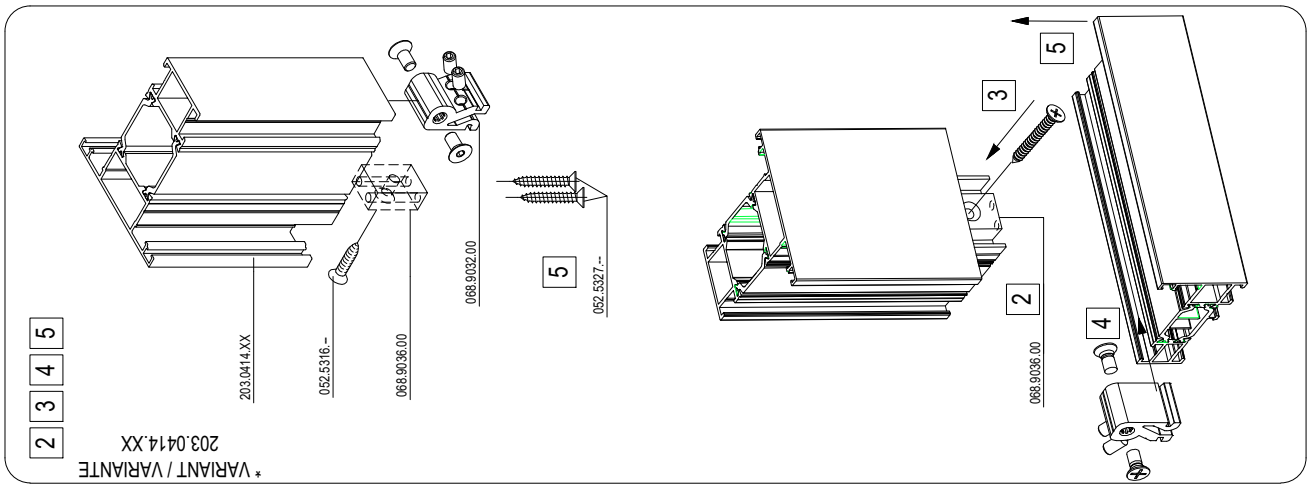
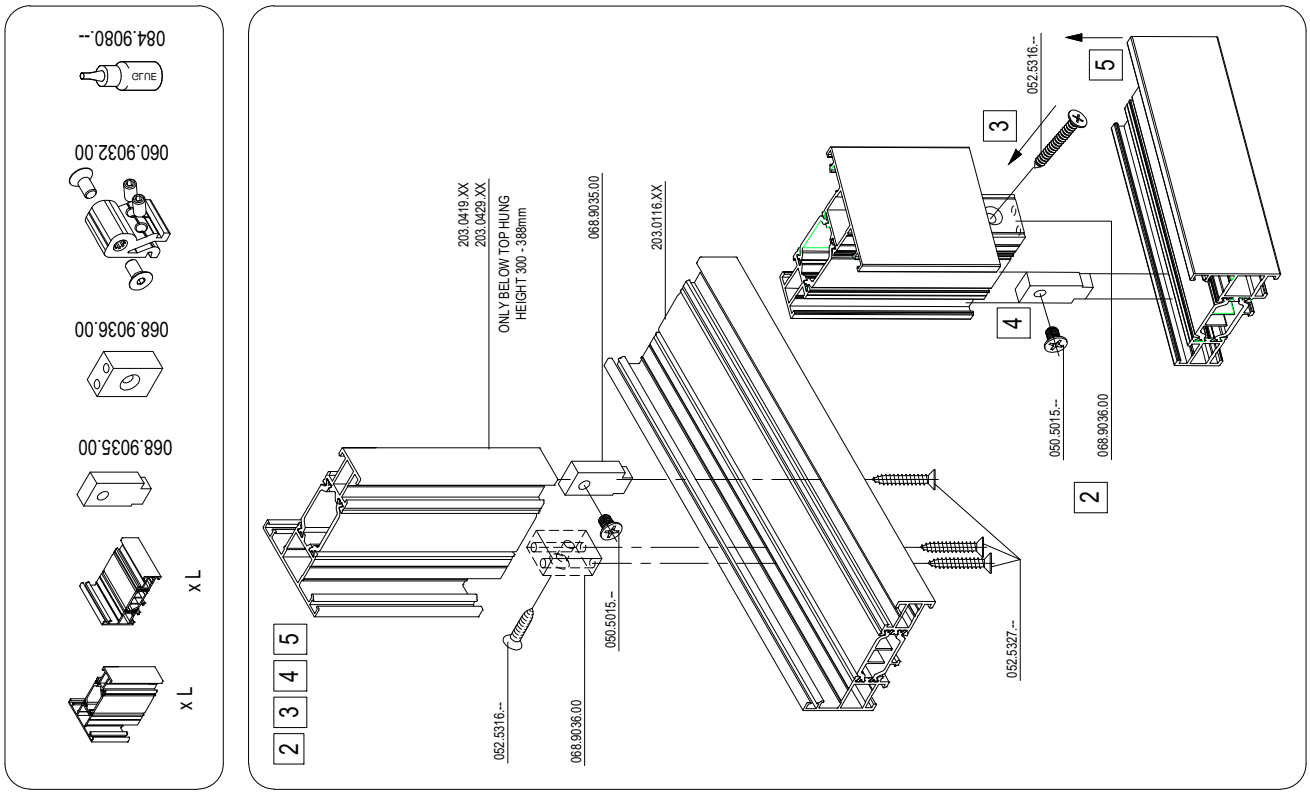
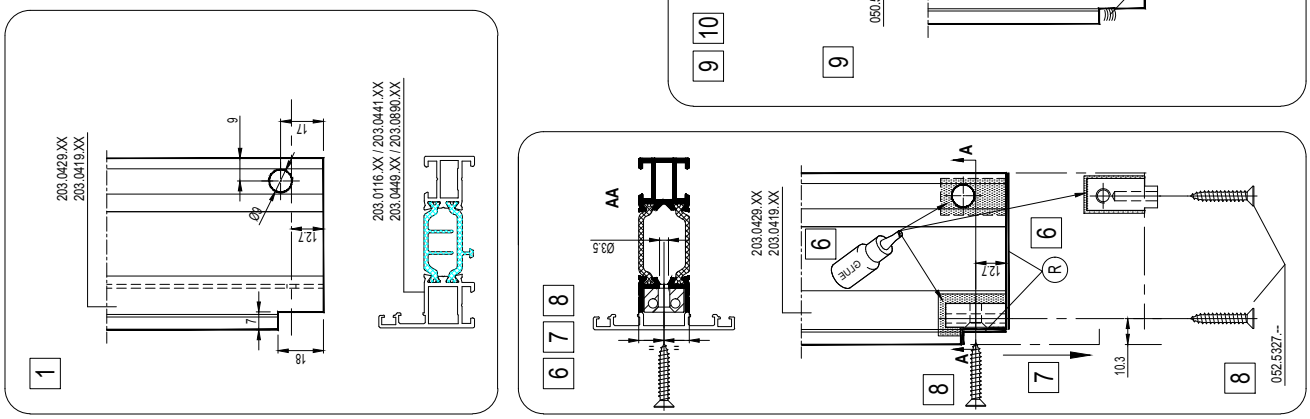
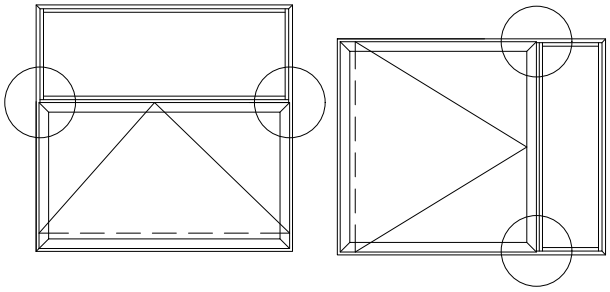
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

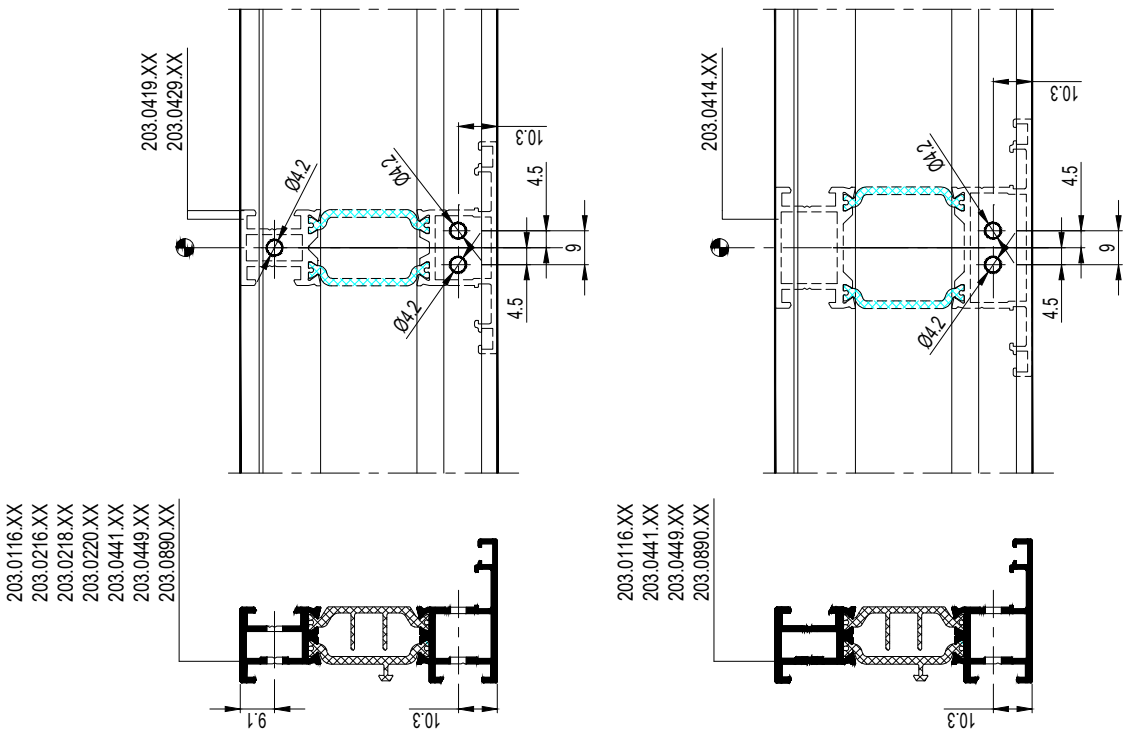




MAX GEWICHT 100kg OP T-PROFIEL & KADER
POID MAX 100kg SUR TRAVERSE & CADRE
MAX WEIGHT 100kg ON TRANSOM-MULLION & FRAME
MAX GEWICHT 100kg AUF SPROSSE & BLENDRAHMEN







REYNASEAL DUO
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REYNASEAL DUO

REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR

DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

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' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

F

052.5327.--
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052.5318.--
6x
*5x

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4x

052.5312.--
2x

051.5273.--
2x

084.9080.--
GLUE

068.9029.00
1x

068.9024.00
1x

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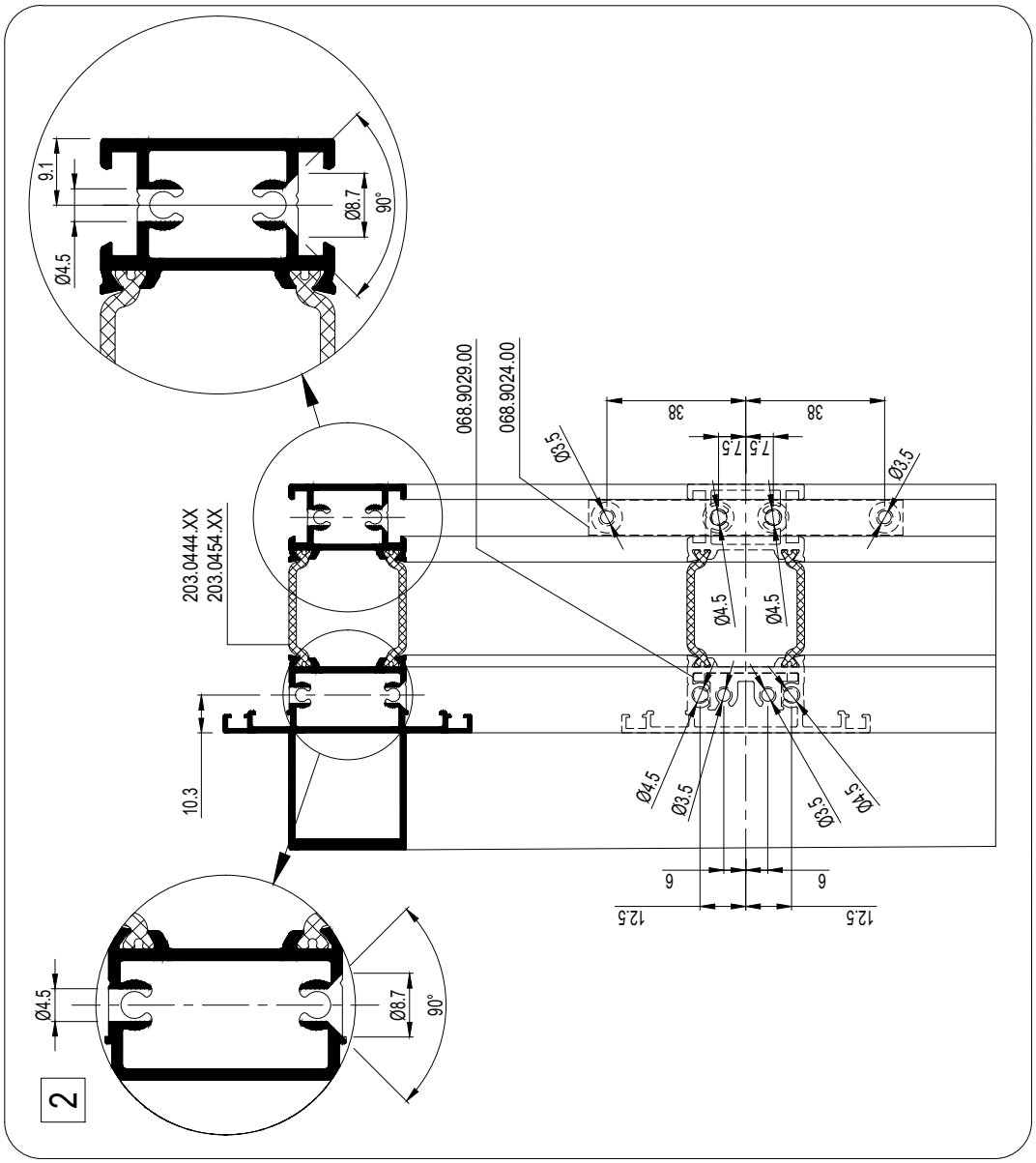
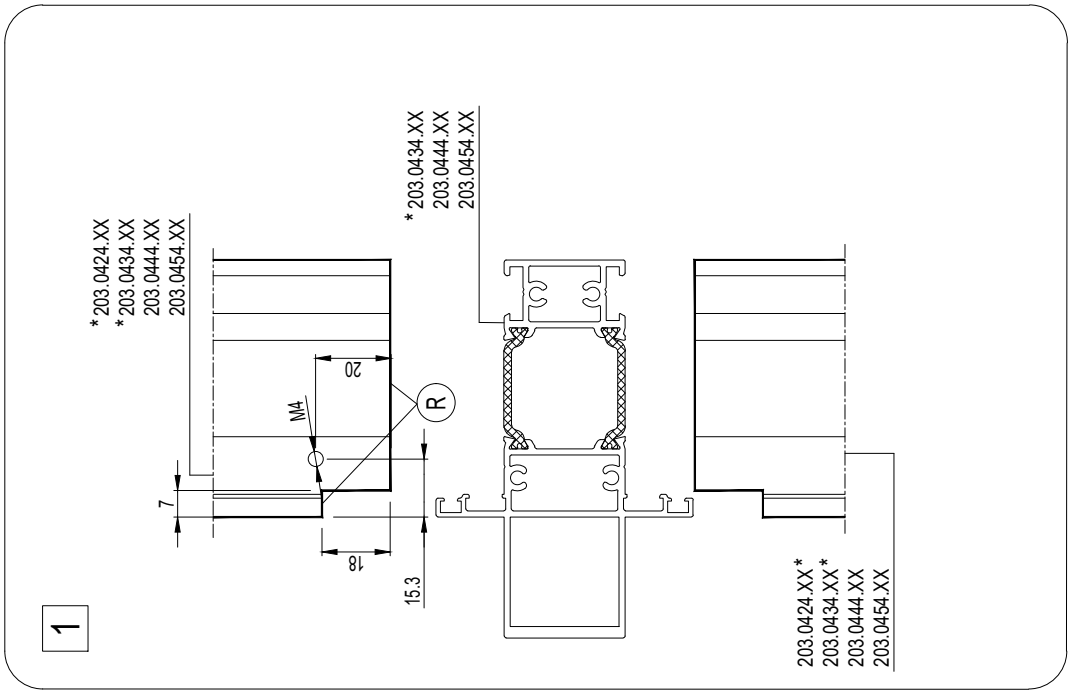
203.0444.XX
x L

203.0454.XX
203.0444.XX
x L

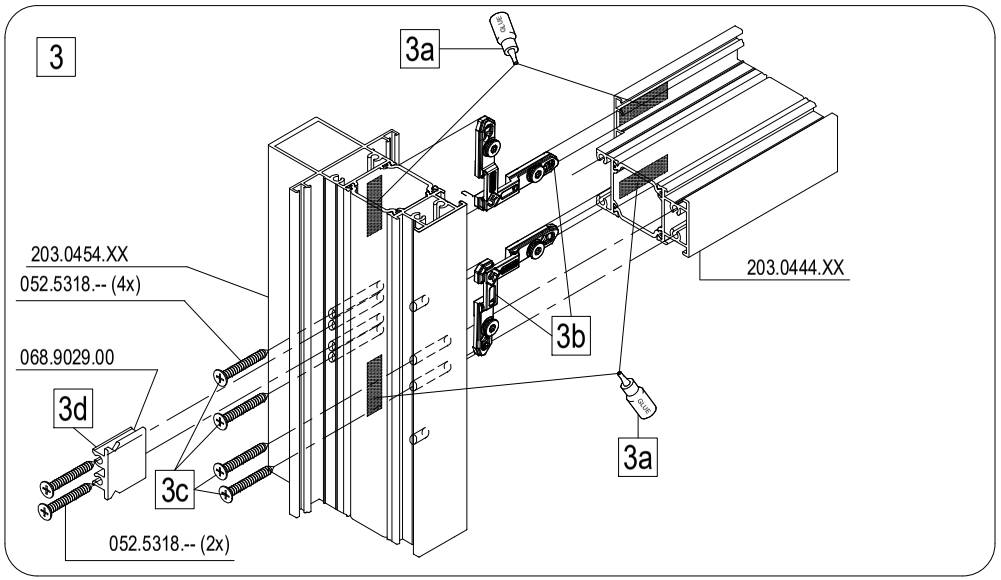


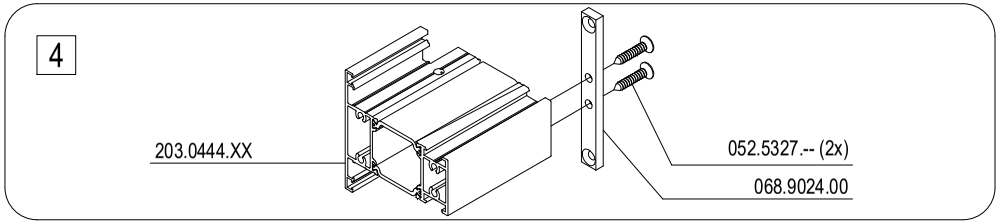


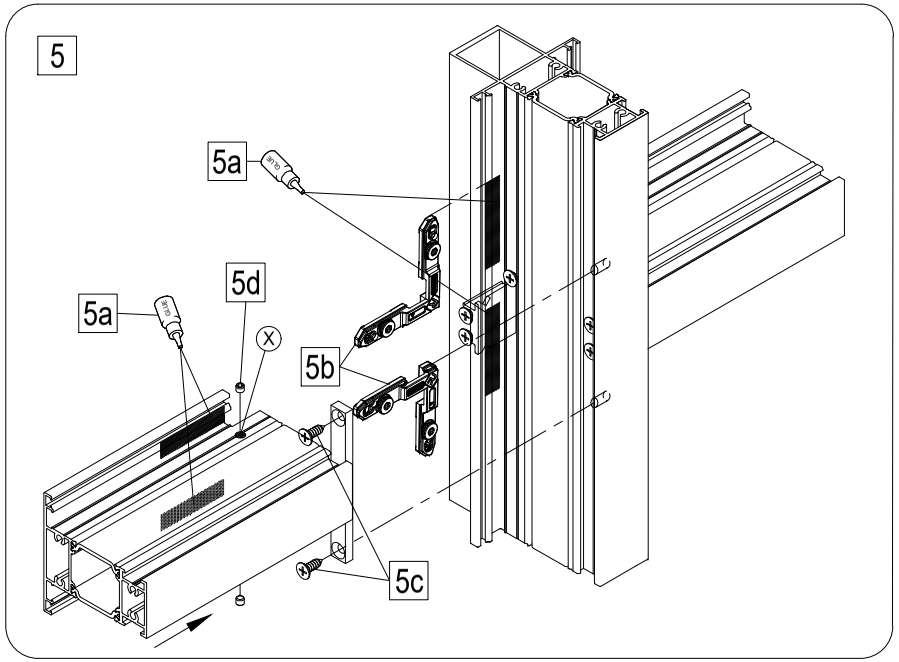
SL 68

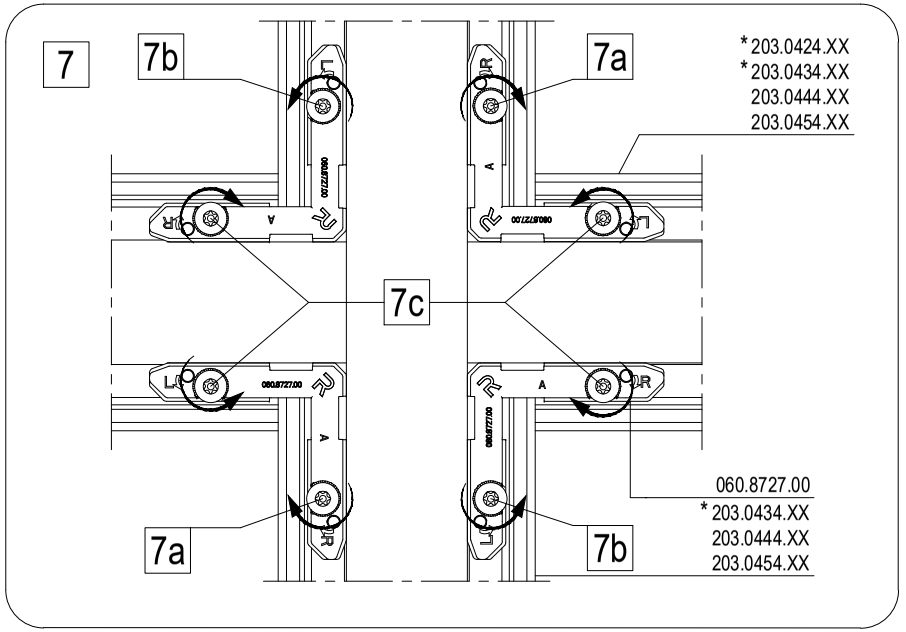
KRUISVERBINDINGEN MET SCHROEF
JONCTIONS TRANSVERSALES AVEC VIS
CROSS CONNECTIONS WITH SCREW
KREUZVERBINDUNGEN MIT SCHRAUBE

095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	203.0424.XX 203.0434.XX 203.0444.XX 203.0454.XX
097.0331.00 097.0332.00 097.0333.00	







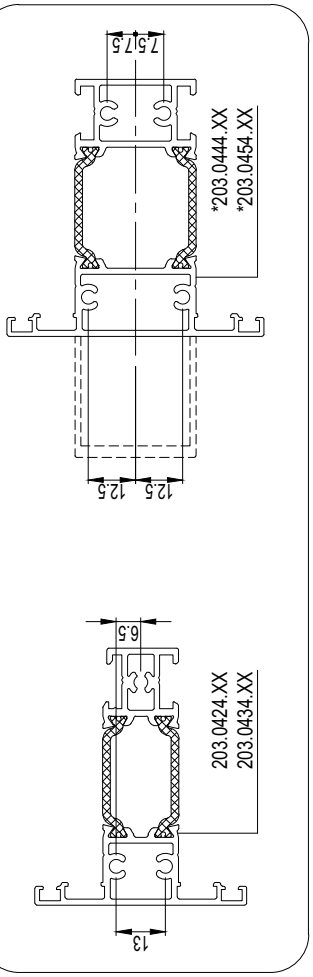


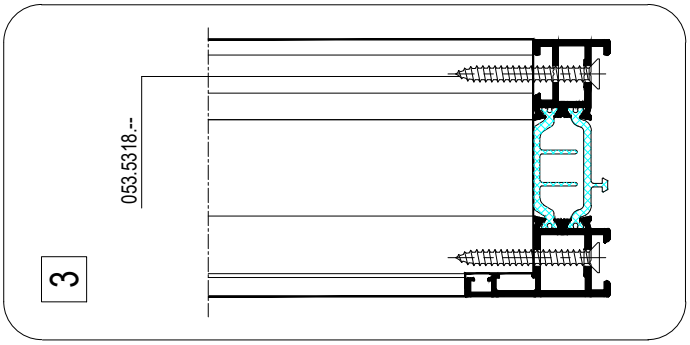
LIJM COLLE GLUE LEIM	DICHTINGSMIDDEL MATIERE D'ETANCHEITE SEALING AGENT ABDICHTUNG	REYNAPROTECTOR REYNAPROTECTOR REYNAPROTECTOR REYNAPROTECTOR

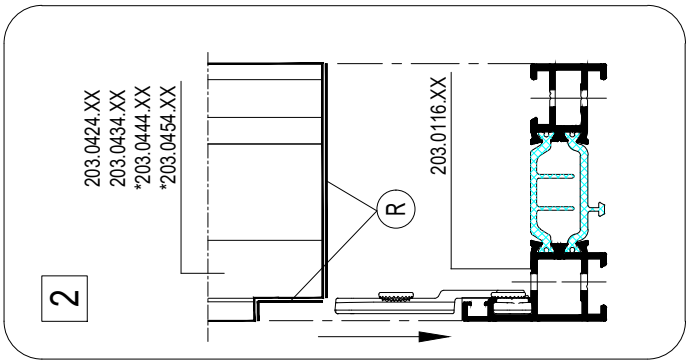
MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

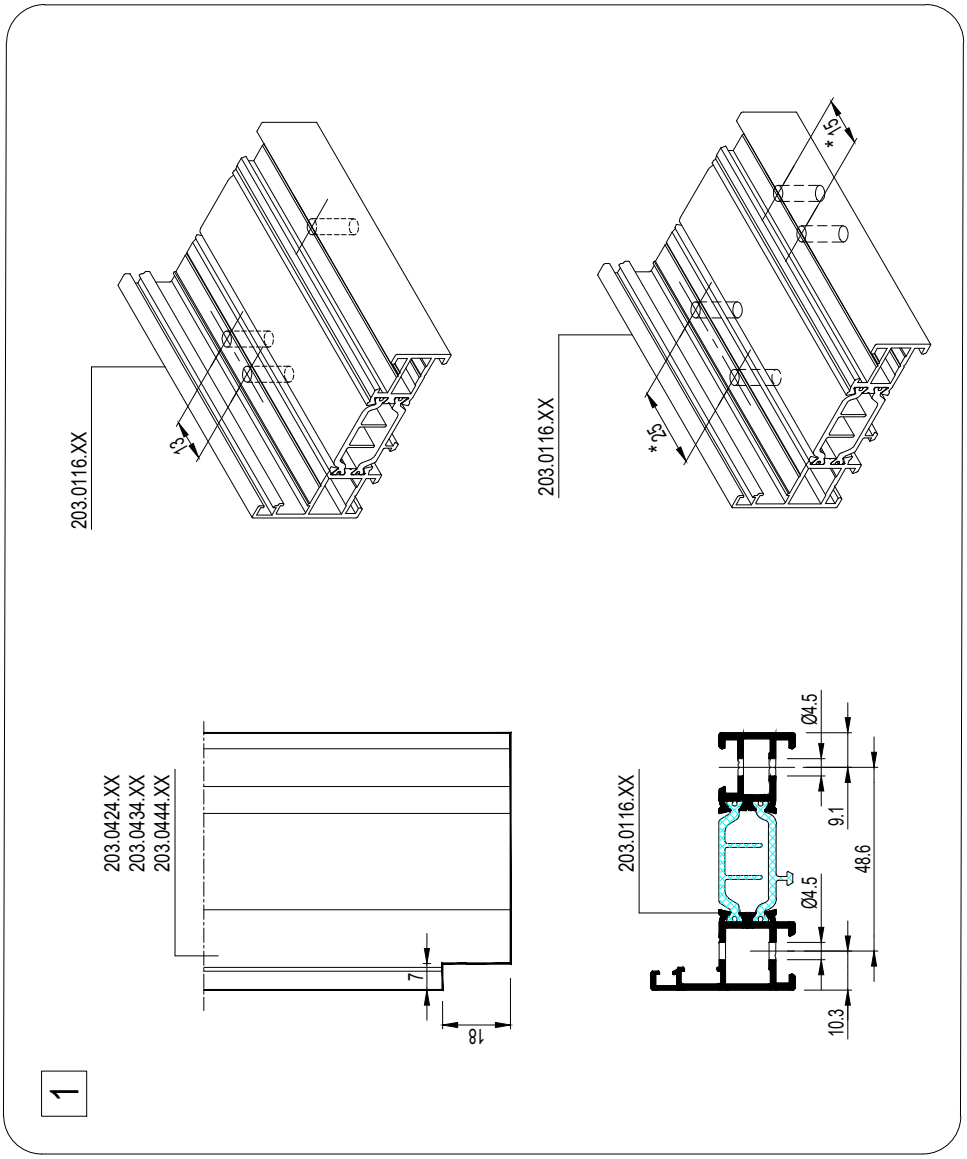
BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> RAADPLEEG HOOFDSTUK B !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> CONSULTEZ CHAPITRE B !
ADDITIONAL INFO PREPARATION/PROCESSING -> CONSULT CHAPTER B !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL B !

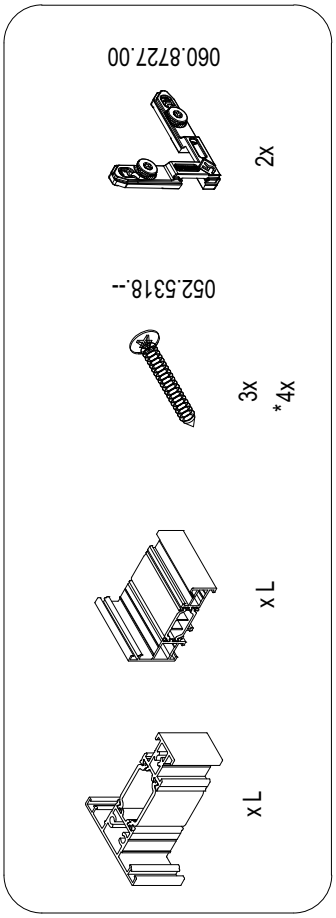
MAX GEWICHT 100kg OP T-PROFIEL & KADER
POID MAX 100kg SUR TRAVERSE & CADRE
MAX WEIGHT 100kg ON TRANSOM-MULLION & FRAME
MAX GEWICHTE 100kg AUF SPROSSE & BLENDRAHMEN











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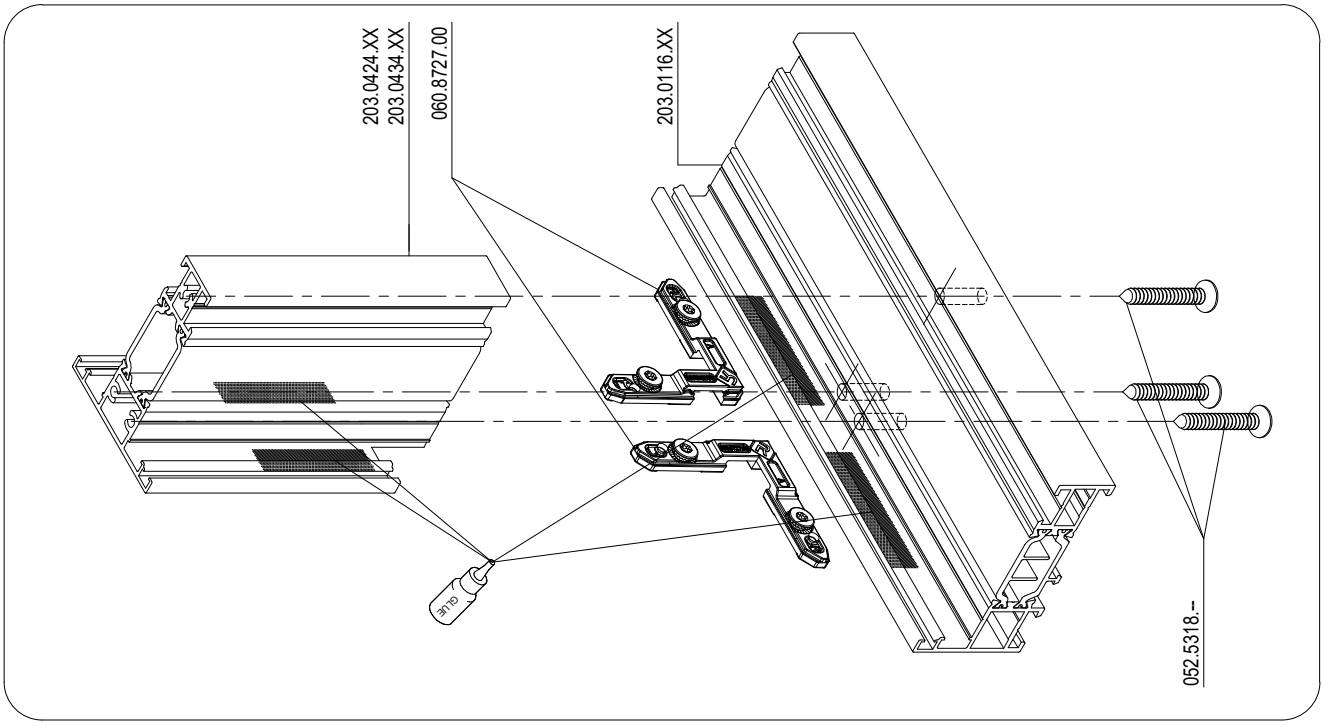
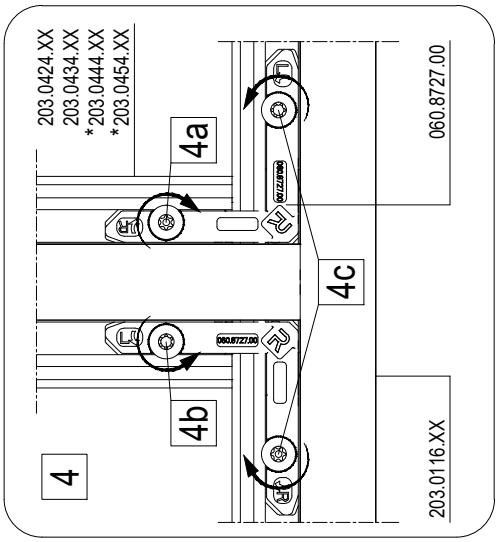
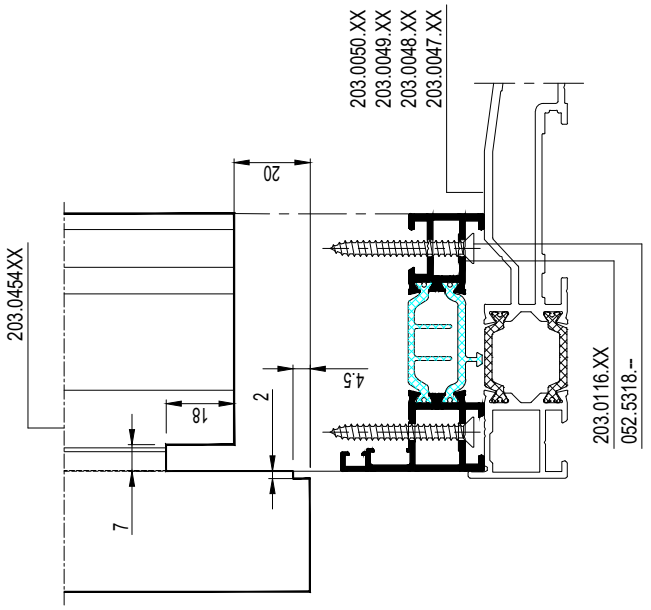
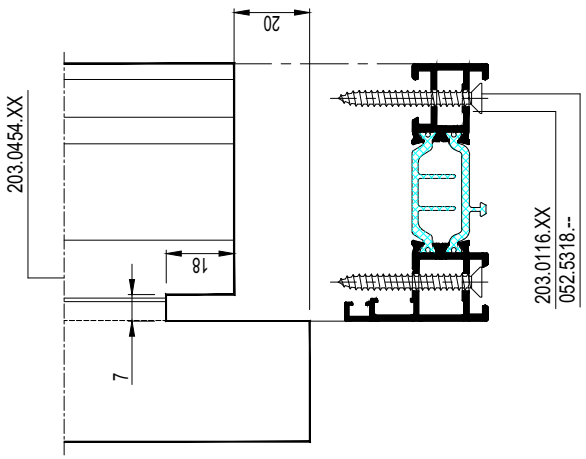








	"H"
095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	203.0424.XX 203.0434.XX 203.0444.XX 203.0454.XX
097.0331.00	

REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR

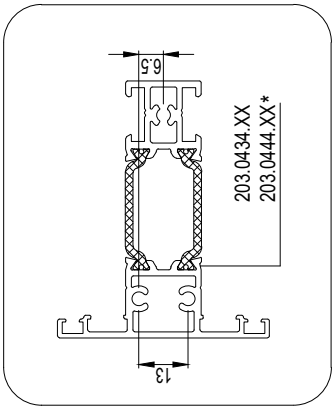
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

LIJM
COLLE
GLUE
LEIM

BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> RAADPLEEG HOOFDSTUK B !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> CONSULTEZ CHAPITRE B !
ADDITIONAL INFO PREPARATION/PROCESSING -> CONSULT CHAPTER B !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL B !

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

F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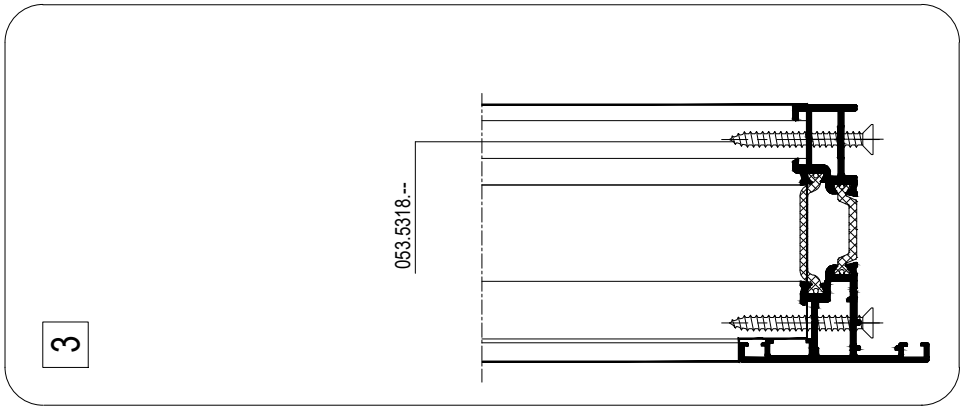
203.0434.XX
203.0444.XX*
13


3
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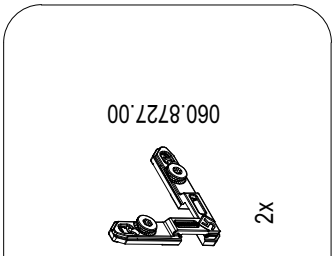
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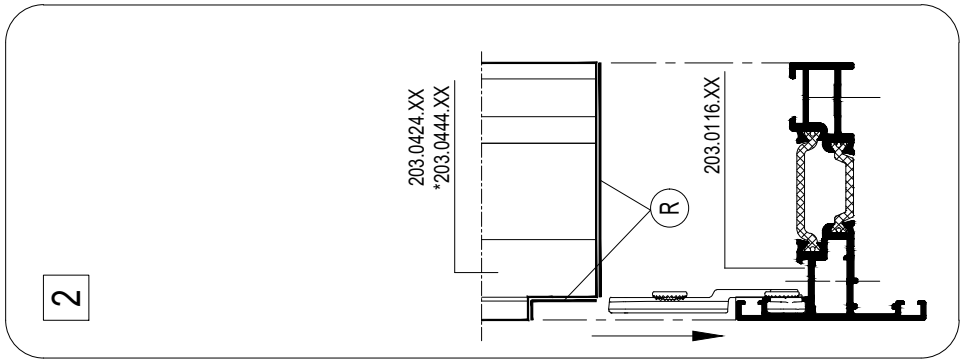
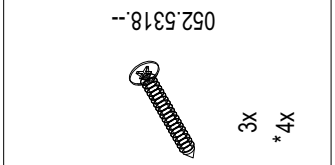
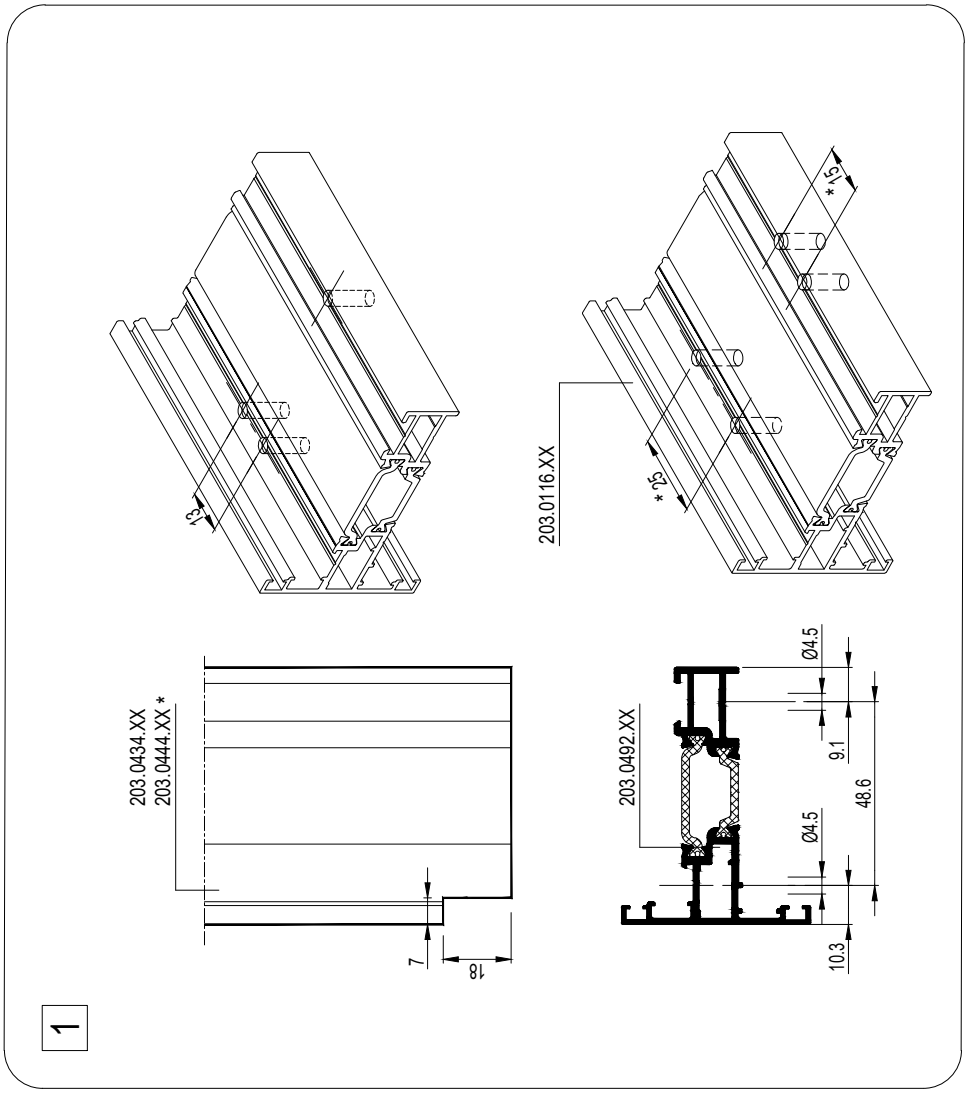
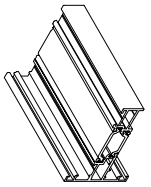
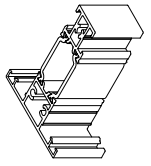
2x


2
203.0424.XX
*203.0444.XX
R
203.0116.XX


052.5318.--
3x
*4x


1
*15
203.0116.XX
*25
3
203.0434.XX
203.0444.XX *
7
18
203.0492.XX
Ø4.5
9.1
48.6
Ø4.5
10.3


x L

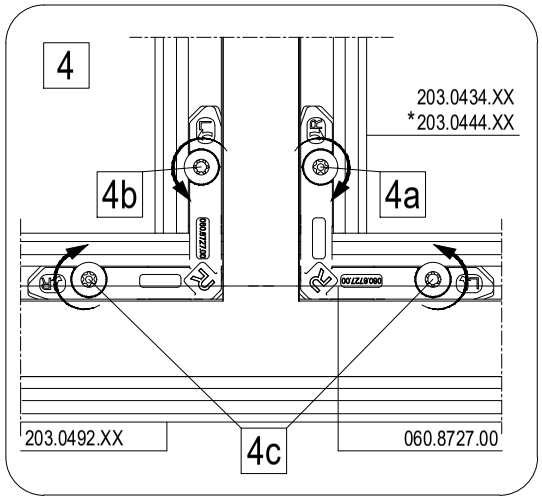

x L

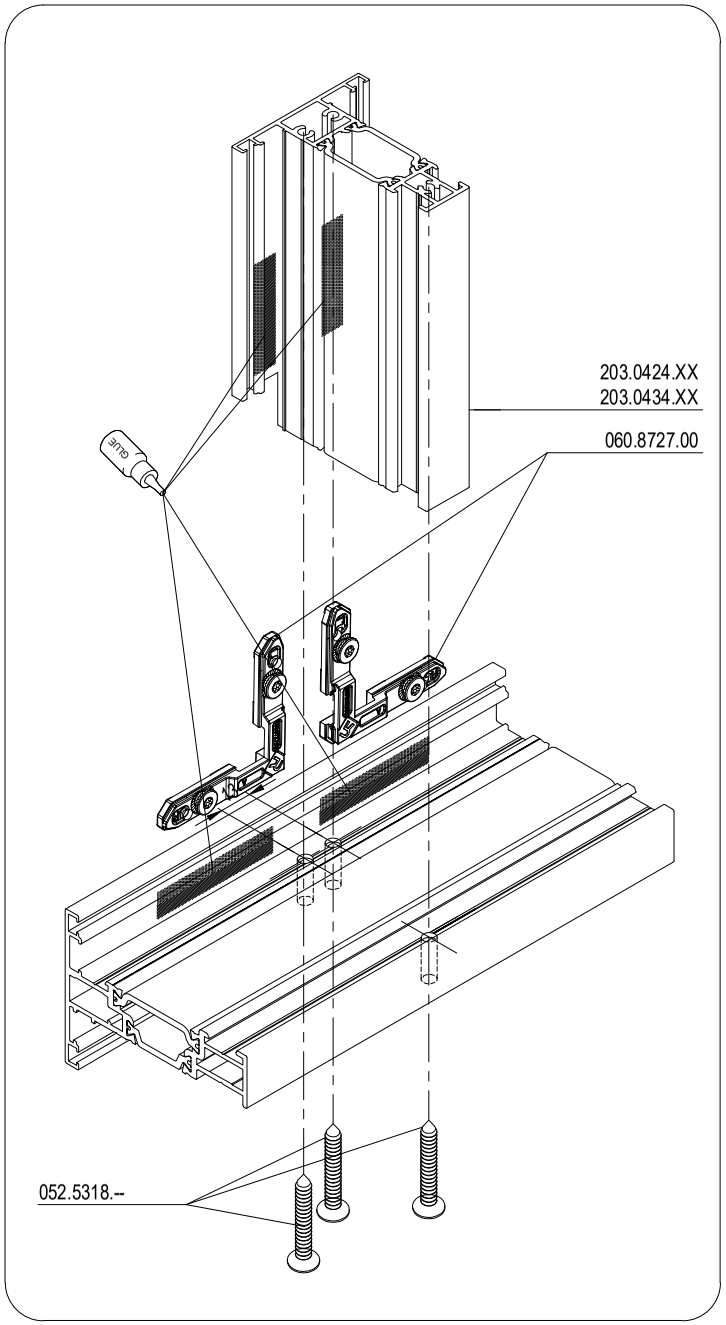
F

SL 68

T-VERBINDING MET SCHROEF
RACCORDEMENT-T AVEC VIS
T-CONNECTION WITH SCREW
T-VERBINDUNG MIT SCHRAUBE

095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	203.0492.XX 203.0502.XX 203.2492.XX 203.2502.XX

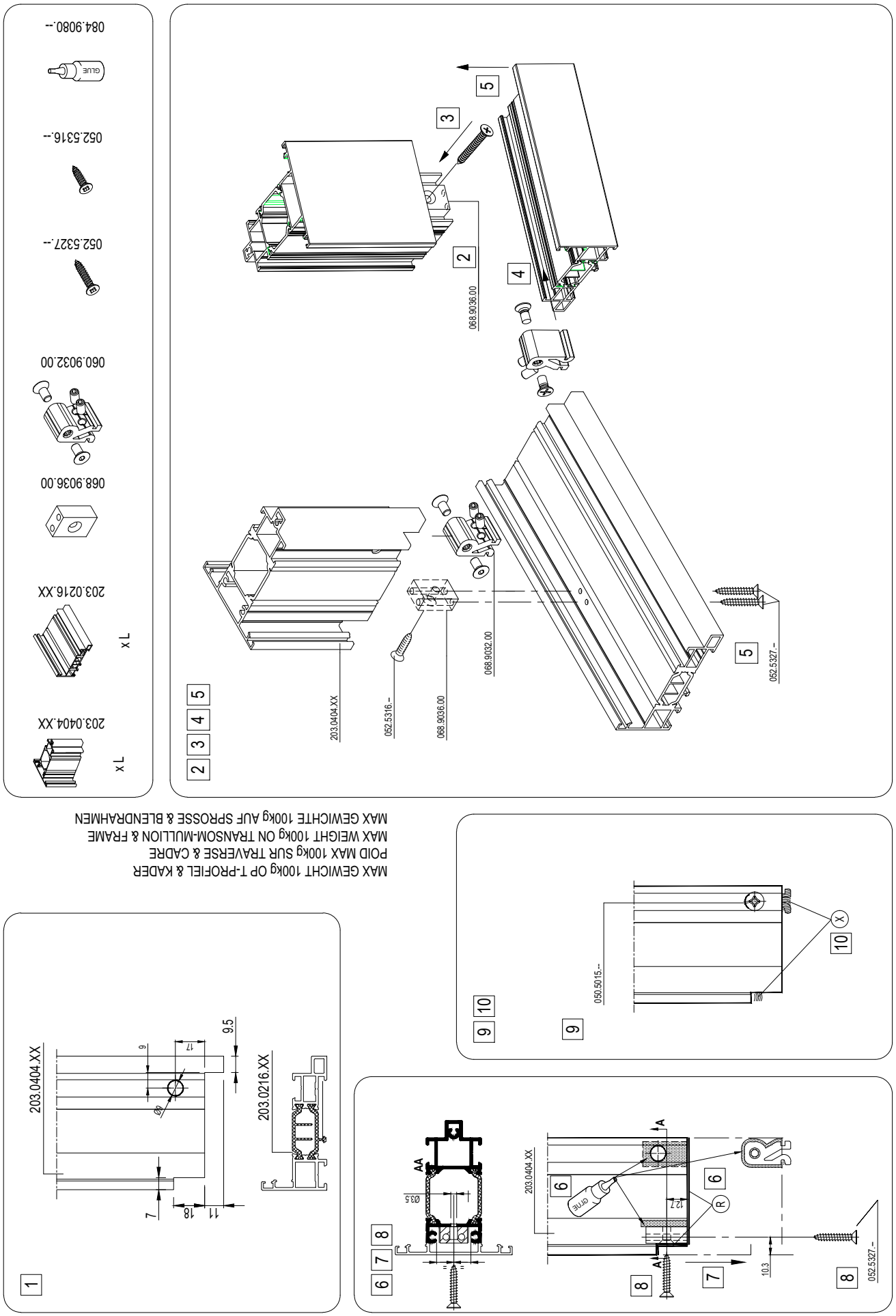


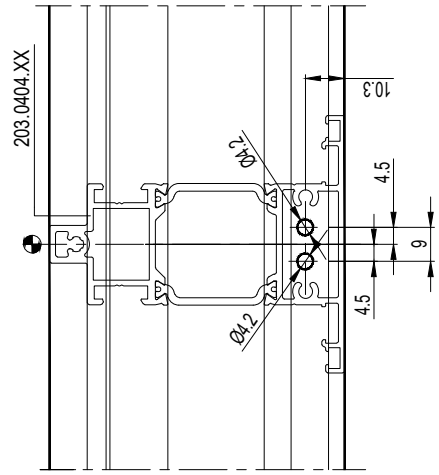


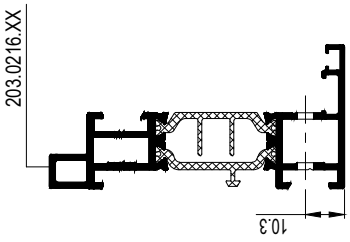
LIJM COLLE GLUE LEIM	DICHTINGSMIDDEL MATIERE D'ETANCHEITE SEALING AGENT ABDICHTUNG	**REYNAPROTECTOR** REYNAPROTECTOR REYNAPROTECTOR REYNAPROTECTOR

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> RAADPLEEG HOOFDSTUK B !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> CONSULTEZ CHAPITRE B !
ADDITIONAL INFO PREPARATION/PROCESSING -> CONSULT CHAPTER B !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL B !


084.9080.--
052.5316.--
052.5327.--
060.9032.00
068.9036.00
203.0216.XX
x L
203.0404.XX
x L
2 3 4 5
068.9036.00
068.9032.00
052.5316.--
203.0404.XX
052.5327.--
MAX GEWICHT 100kg OP T-PROFIEL & KADER
POID MAX 100kg SUR TRAVERSE & CADRE
MAX WEIGHT 100kg ON TRANSOM-MULLION & FRAME
MAX GEWICHTE 100kg AUF SPROSSE & BLENDRAHMEN
9 10
050.5015.--
203.0404.XX
203.0216.XX
9.5
17
18
11
7
6 7 8
AA
Ø3.5
8 6
A
12.7
10.3
052.5327.--





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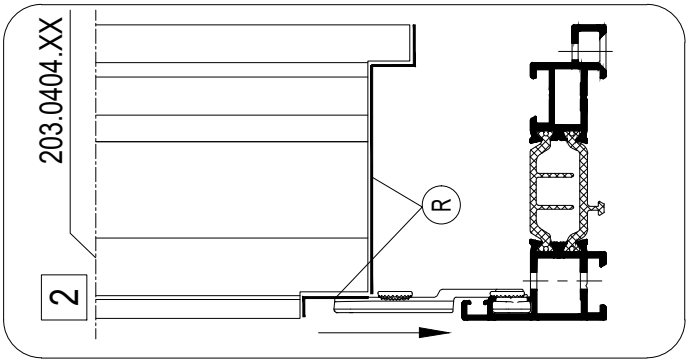
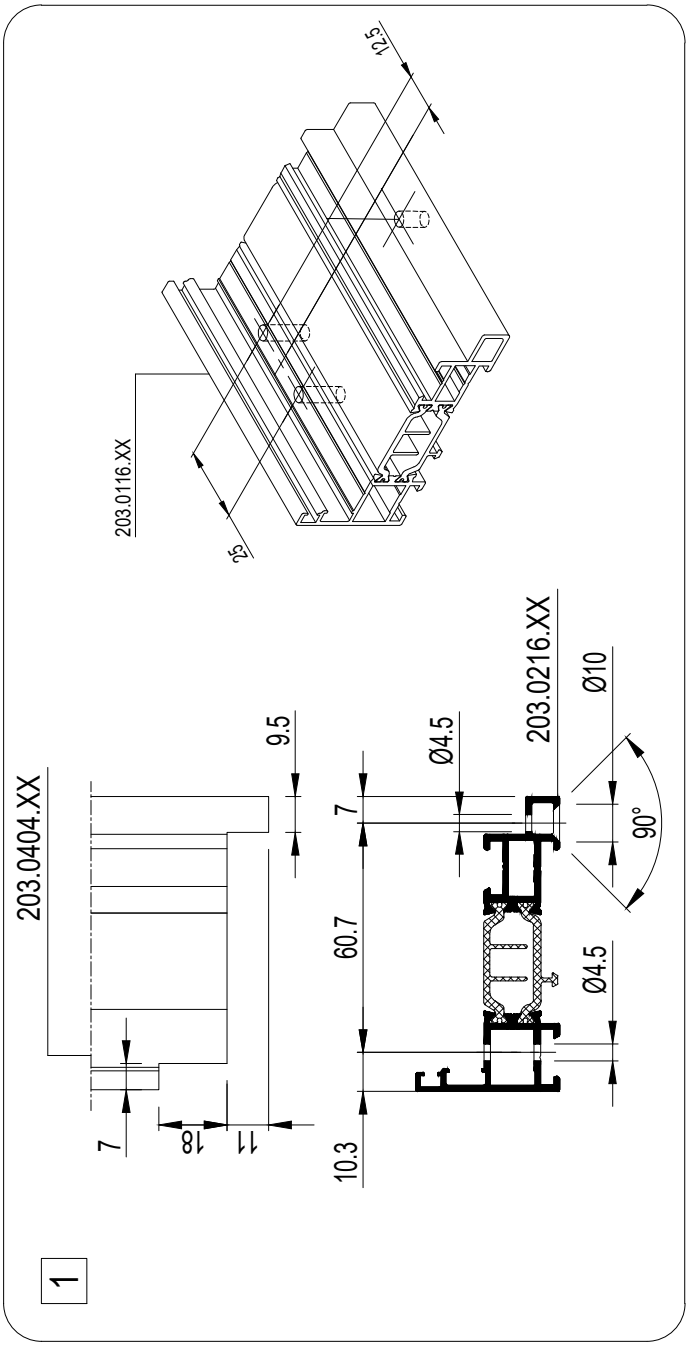
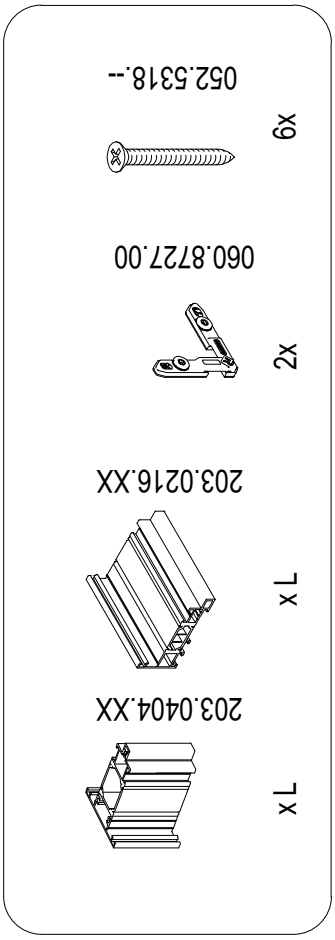
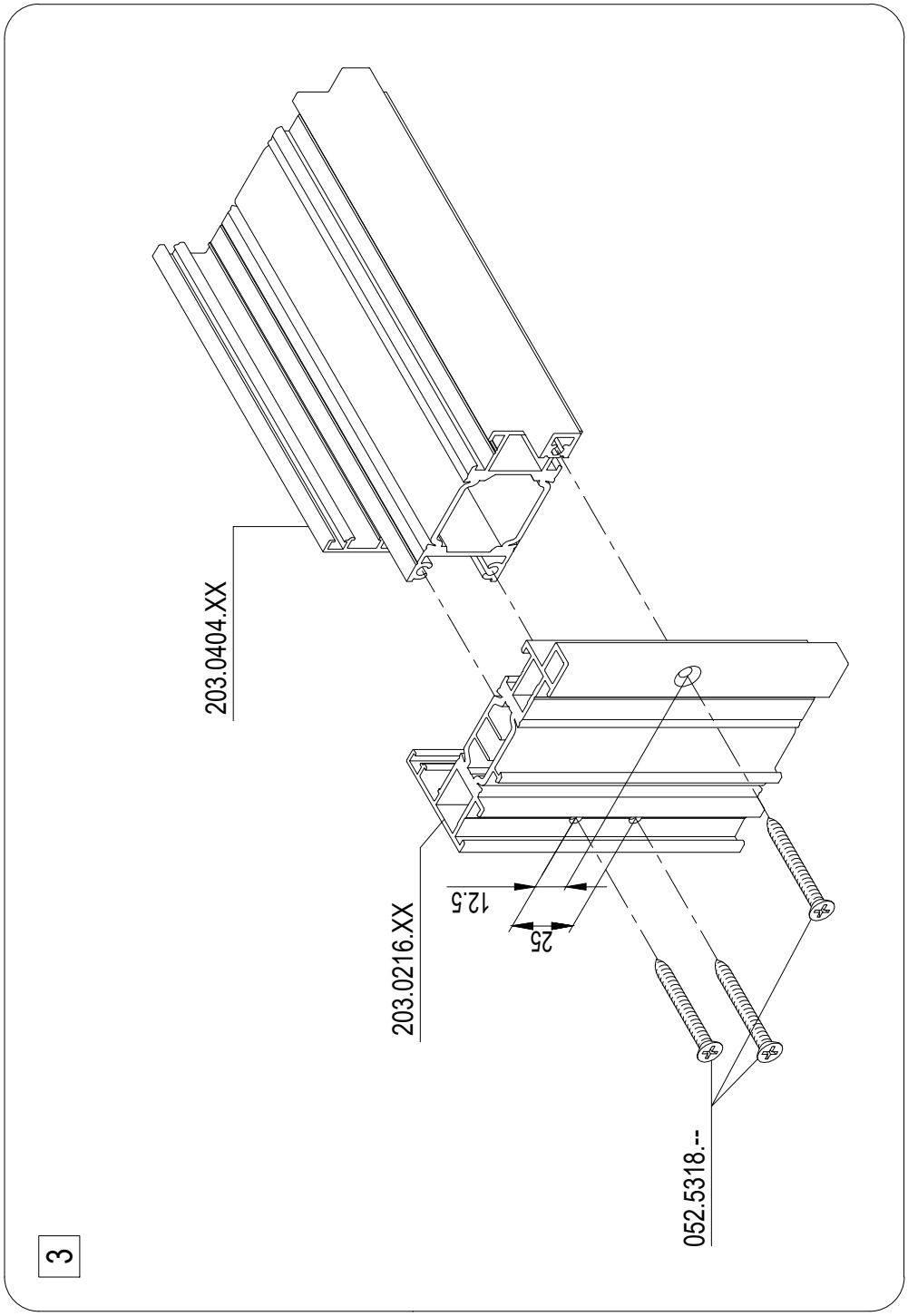
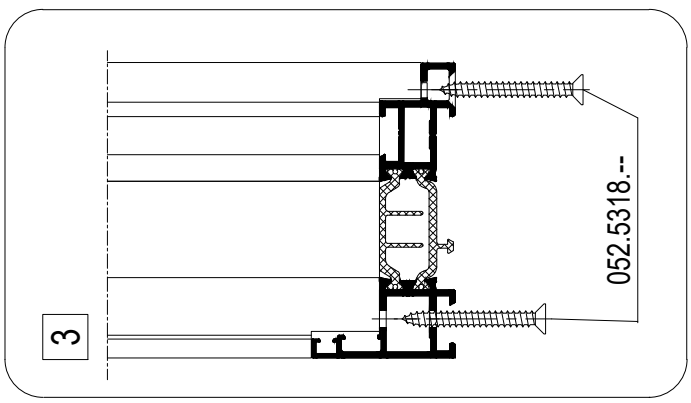

203.0404.XX
R
2


12.5
203.0116.XX
25
203.0216.XX
Ø10
Ø4.5
9.5
7
90°
203.0404.XX
60.7
Ø4.5
7
18
11
10.3
1


052.5318.--
6x
060.8727.00
2x
203.0216.XX
x L
203.0404.XX
x L


203.0404.XX
203.0216.XX
12.5
25
052.5318.--
3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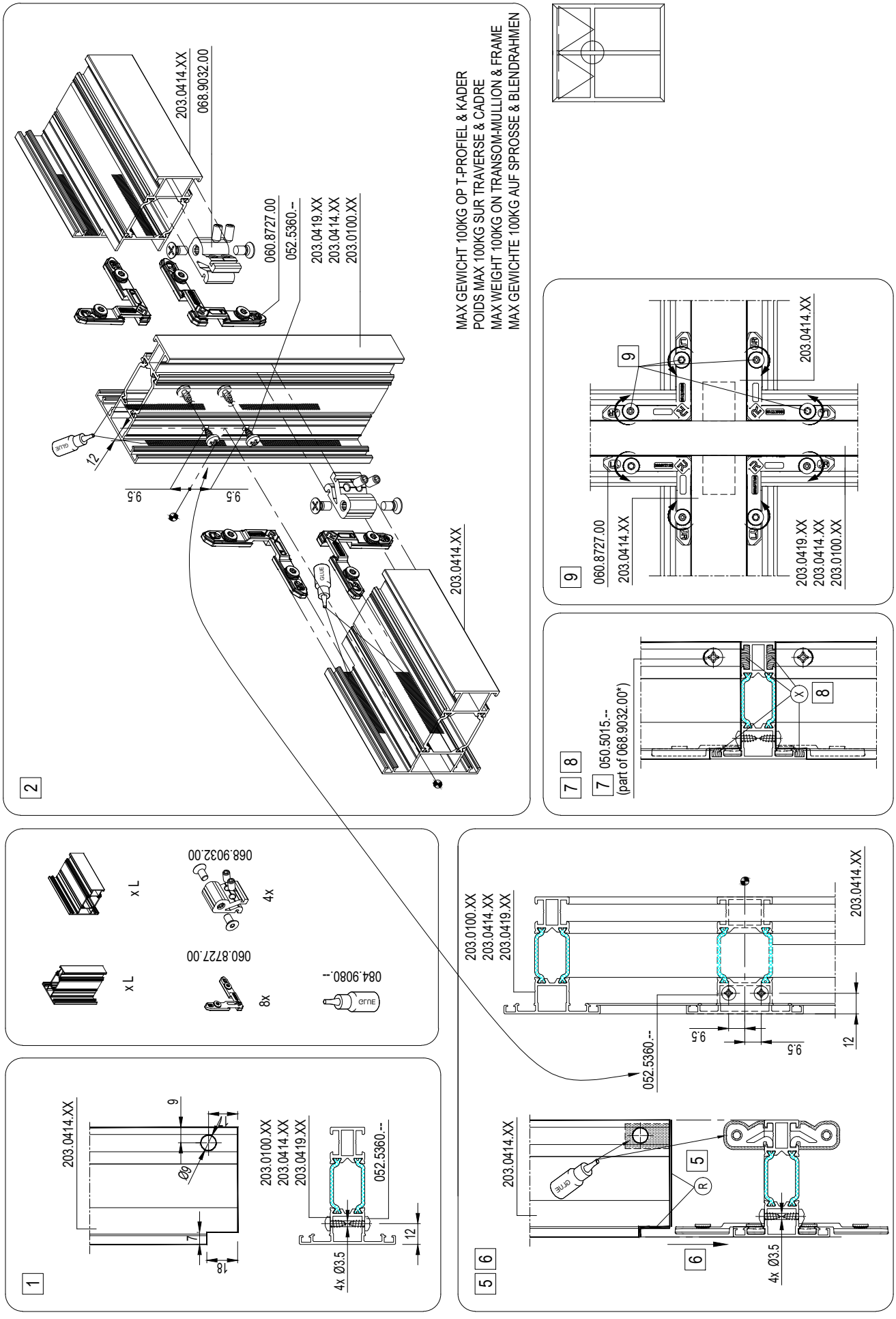
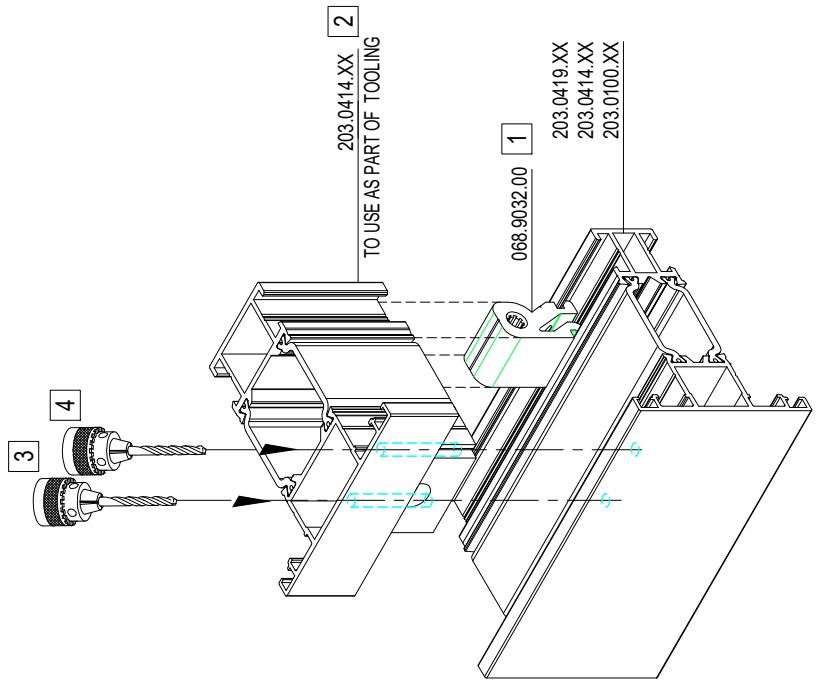
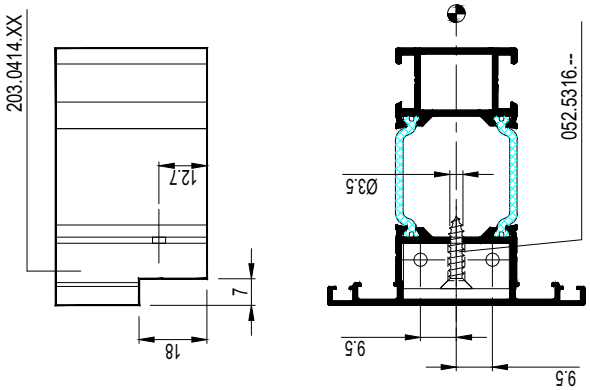
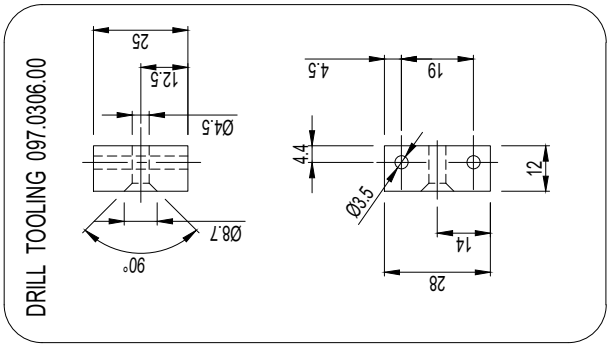

MAX GEWICHT 100KG OP T-PROFIEL & KADER
POIDS MAX 100KG SUR TRAVERSE & CADRE
MAX WEIGHT 100KG ON TRANSOM-MULLION & FRAME
MAX GEWICHTE 100KG AUF SPROSSE & BLENDRAHMEN
203.0414.XX
068.9032.00
060.8727.00
052.5360.--
203.0419.XX
203.0414.XX
203.0100.XX
glue
12
9.5
9.5
203.0414.XX
2
9
060.8727.00
203.0414.XX
203.0414.XX
203.0419.XX
203.0414.XX
203.0100.XX
7 8
7 050.5015.--
(part of 068.9032.00*)
8
x L
068.9032.00
4x
x L
060.8727.00
8x
084.9080.--
grue
203.0414.XX
9
Ø9
7
18
1
203.0100.XX
203.0414.XX
203.0419.XX
052.5360.--
12
4x Ø3.5
203.0100.XX
203.0414.XX
203.0419.XX
203.0414.XX
9.5
9.5
12
052.5360.--
203.0414.XX
grue
5
R
6
6
4x Ø3.5
5 6







DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

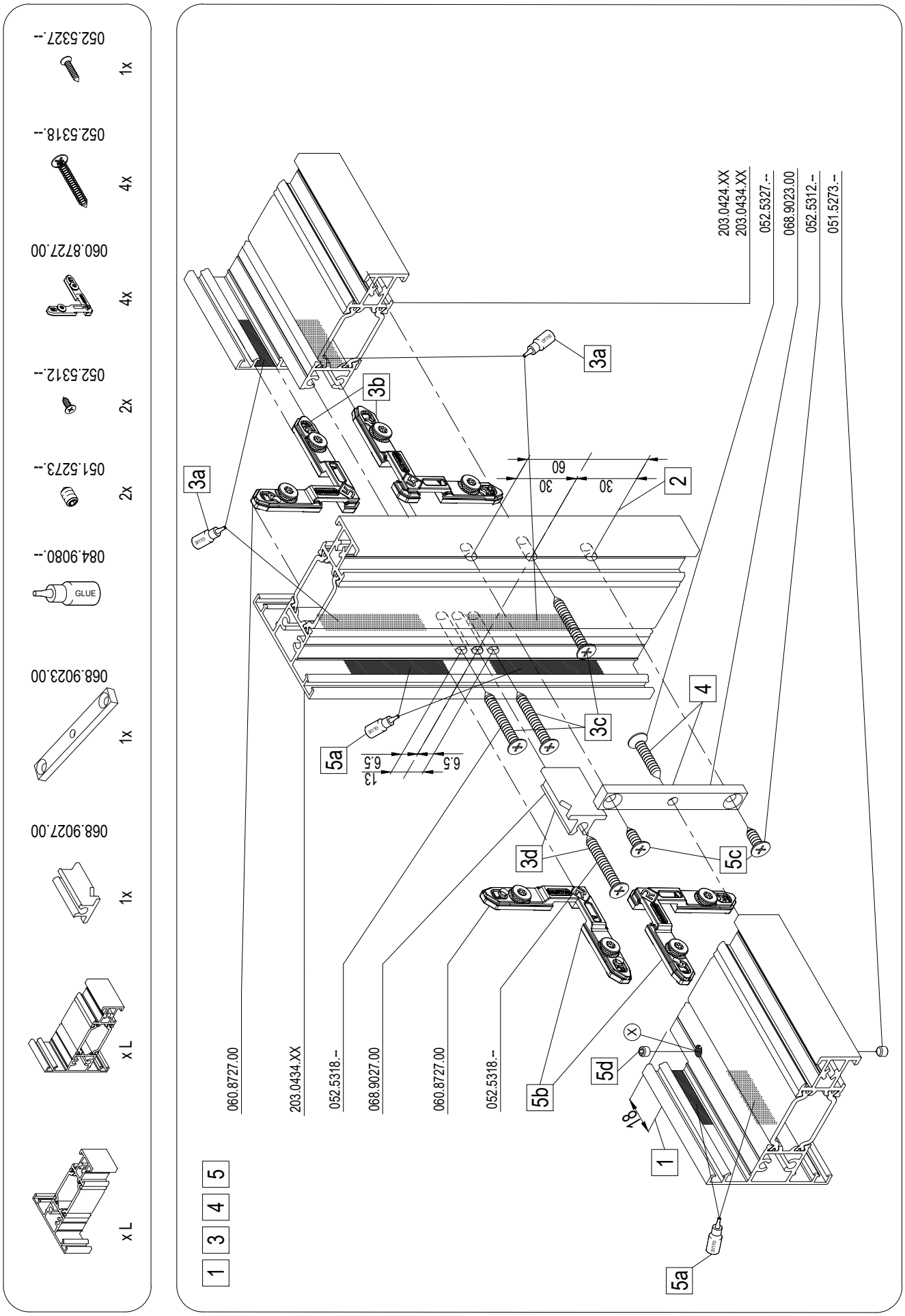
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR

REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO

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' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

F

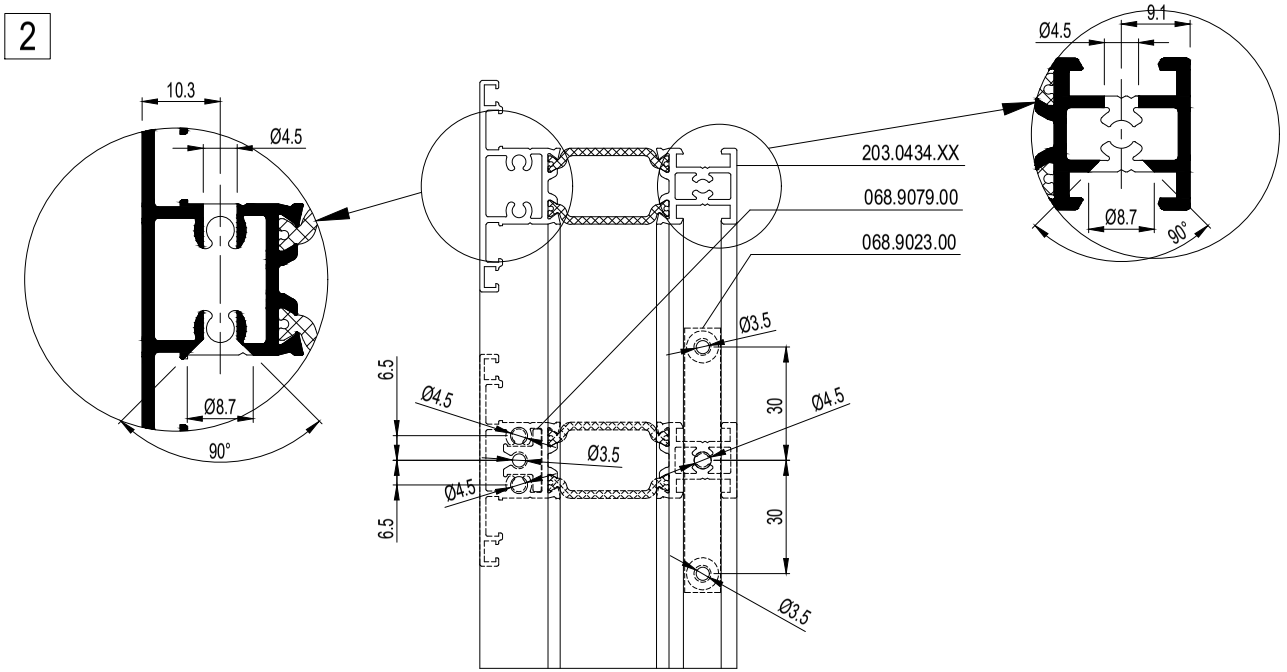

052.5327.--
1x
052.5318.--
4x
060.8727.00
4x
052.5312.--
2x
051.5273.--
2x
084.9080.--
GLUE
068.9023.00
1x
068.9027.00
1x
x L
x L
1 3 4 5
060.8727.00
203.0434.XX
052.5318.--
068.9027.00
060.8727.00
052.5318.--
203.0424.XX
203.0434.XX
052.5327.--
068.9023.00
052.5312.--
051.5273.--
3a
3b
3a
2
60
30
30
3c
4
5a
13
6.5
6.5
3d
5c
5b
5d
18
1
5a

SL 68

KRUISVERBINDINGEN MET SCHROEF
JONCTIONS TRANSVERSALES AVEC VIS
CROSS CONNECTIONS WITH SCREW
KREUZVERBINDUNGEN MIT SCHRAUBE

097.0183.00 197.C900.00	203.0424.XX 203.0434.XX 203.0444.XX 203.0454.XX
095.C300.00 or 095.N300.00 095.E000.00 or 095.E010.00	
097.0181.00	

2



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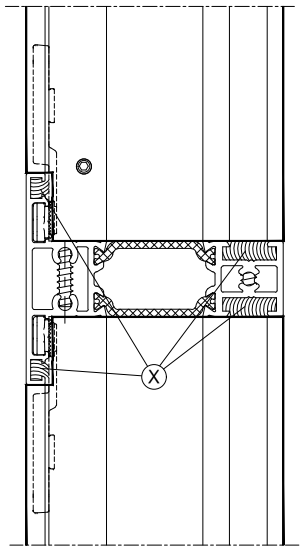
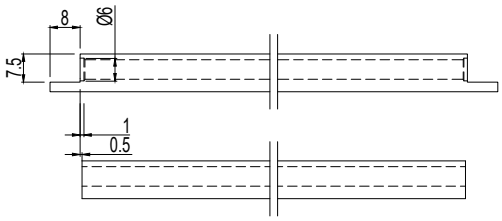
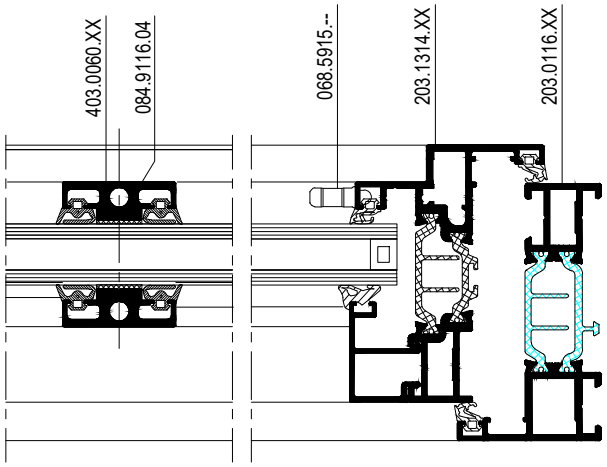


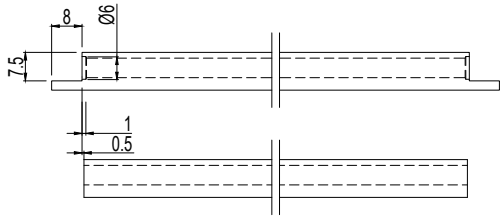
LIJM COLLE GLUE LEIM	DICHTINGSMIDDEL MATIERE D'ETANCHEITE SEALING AGENT ABDICHTUNG	**REYNAPROTECTOR** REYNAPROTECTOR REYNAPROTECTOR REYNAPROTECTOR

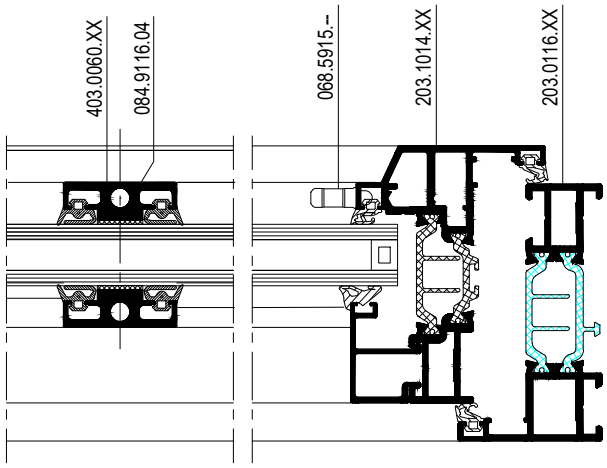
MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

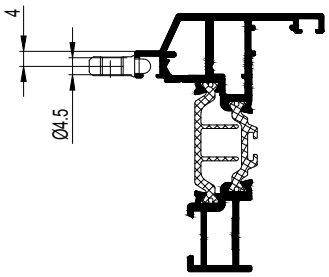
BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> RAADPLEEG HOOFDSTUK B !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> CONSULTEZ CHAPITRE B !
ADDITIONAL INFO PREPARATION/PROCESSING -> CONSULT CHAPTER B !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL B !

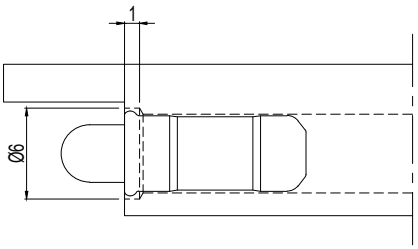






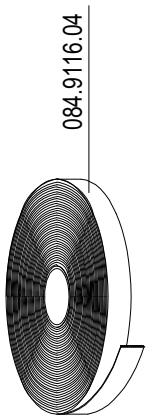






F

schaal - échelle
scale - Maßstab
1/2



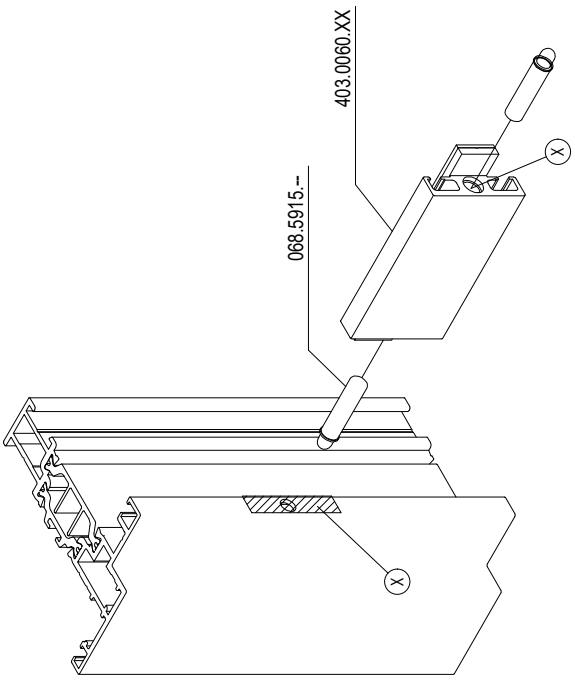
REINIGEN EN ONTVETTEN VAN GLAS- EN PROFIELOPPERVLAK
RINCER ET DÉGRAISSER LA SURFACE DU VERRE ET DU PROFILE
CLEANING AND DEGREASING OF GLASS AND PROFILE SURFACE
REINIGEN UND ENTFETTEN DER GLAS- UND PROFILOBERFLÄCHE

1 086.9231.-- REYNAERS SAFETY CLEAN

2 086.9230.-- REYNAERS MULTI FOAM

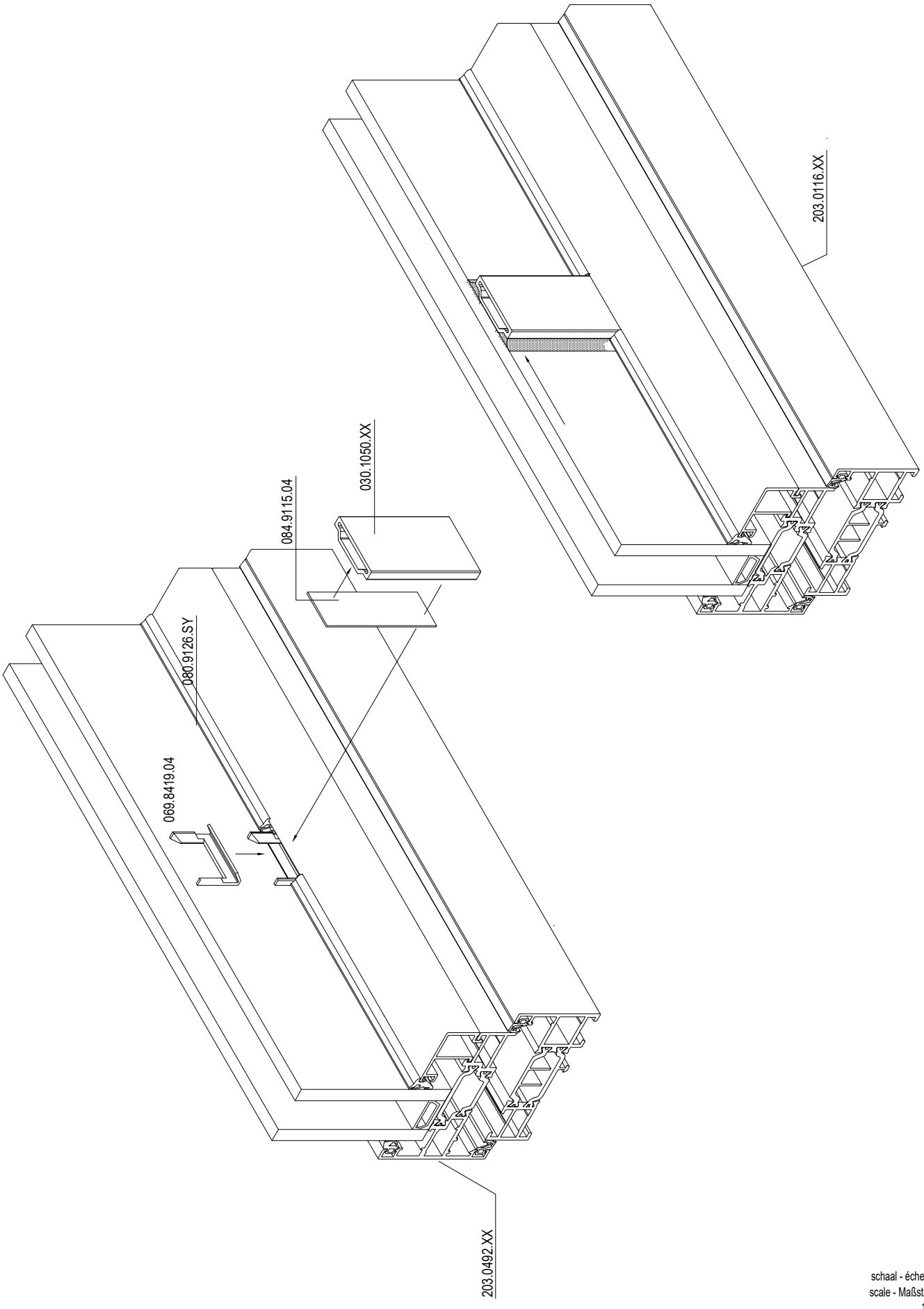
3 086.9232.-- REYNAERS PRIMER SEAL & BOND SPECIAL

IN GEVAL VAN GEVAAR VOOR HET VERKEER OF EVACUATIEROUTES MOETEN DE KLEINHOUTEN MECHANISCH WORDEN BEVEILIGD
EN CAS DE DANGER POUR LA CIRCULATION OU LES VOIES D'ÉVACUATION D'URGENCE, LES PETIT BOIS DOIVENT ÊTRE FIXÉES MÉCANIQUEMENT
IN CASE OF DANGER TO TRAFFIC OR EMERGENCY EVACUATION ROUTES, THE GEORGIAN BARS MUST BE MECHANICALLY SECURED
BEI GEFÄHRDUNG DES VERKEHRS ODER DER RETTUNGSWEGE MÜSSEN DIE ZIERSPROSSEN MECHANISCH GESICHERT WERDEN



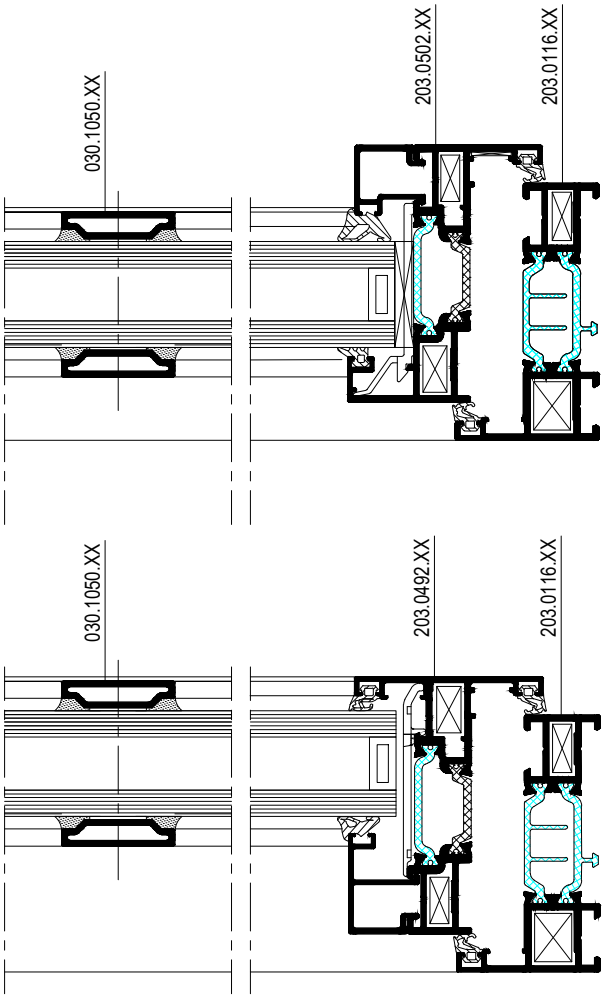
F

schaal - échelle
scale - Maßstab
1/2



schaal - échelle
scale - Maßstab
1/2

F



schaal - échelle
scale - Maßstab
1/2

VLEUGEL
OUVRANT
VENT
FLUEGEL

203.0492.XX 203.1492.XX
203.0502.XX 203.1502.XX

KADER
CADRE
FRAME
BLENDRAHMEN

203.0890.XX
203.0441.XX

KADER
CADRE
FRAME
BLENDRAHMEN

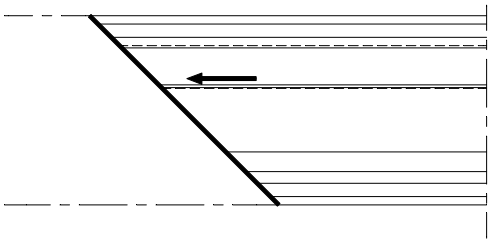
203.0116.XX
203.0449.XX

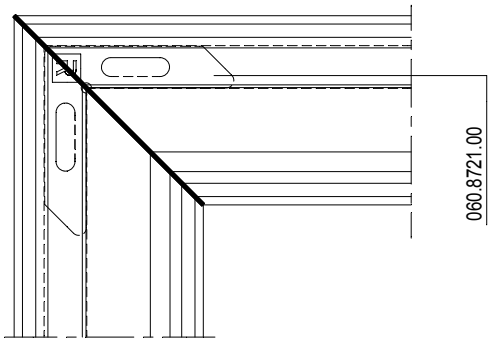
KADER / VLEUGEL / T-PROFIEL
CADRE / OUVRANT / TRAVERSE
FRAME / VENT / TRANS-MULLION
BLENDRAHMEN / FLUEGEL / SPROSSE

203.0116.XX 203.0492.XX 203.0419.XX
203.0890.XX 203.0502.XX 203.0429.XX
203.0449.XX 203.0414.XX
203.0441.XX

ONLY FOR SCREW CORNER

F





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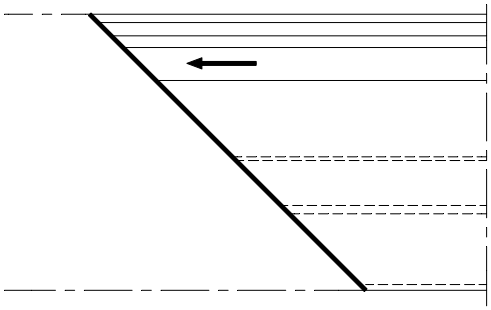

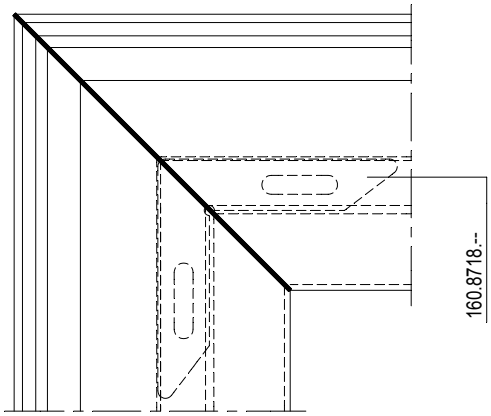

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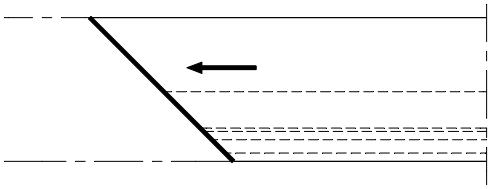
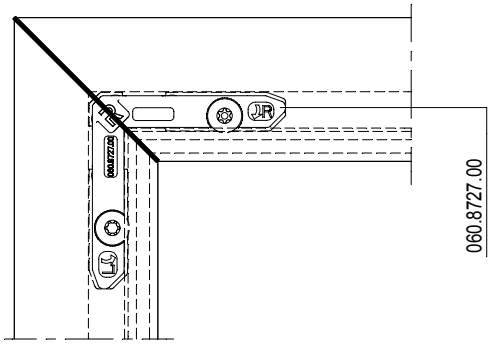




3

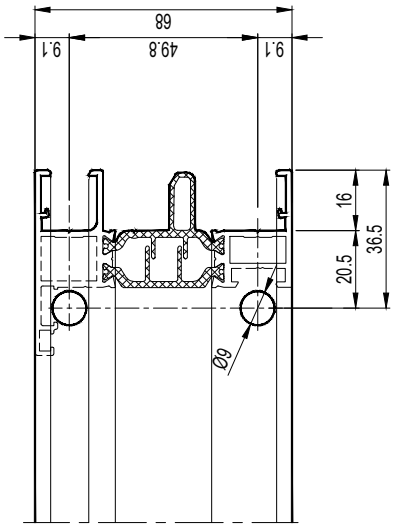
BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG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

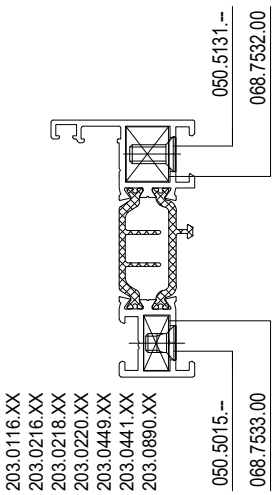
MONTAGEVOLGORDE 1 2 3 .
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

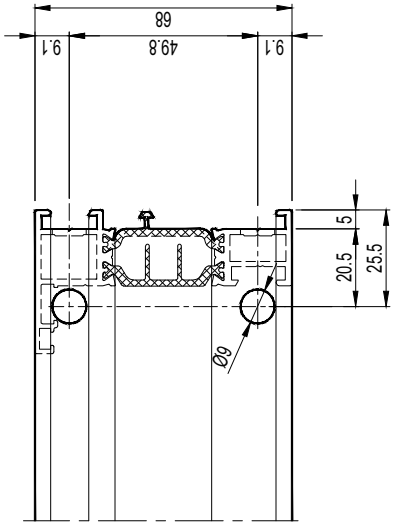
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR

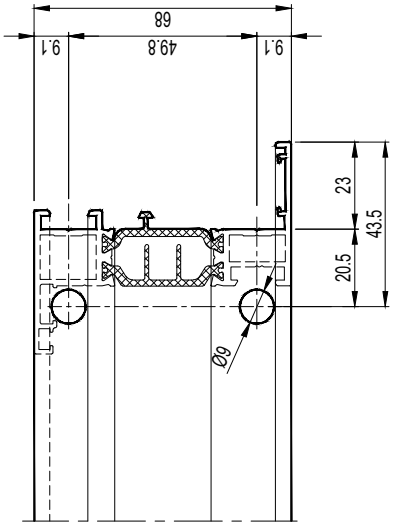
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO

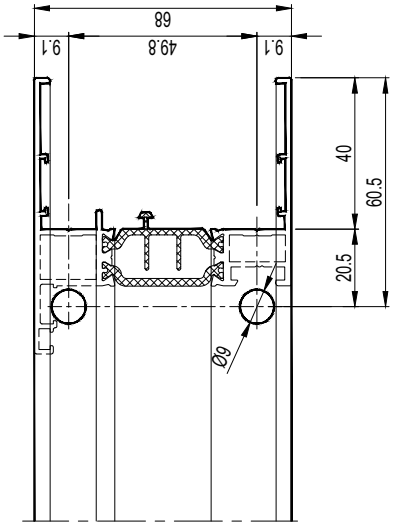
F











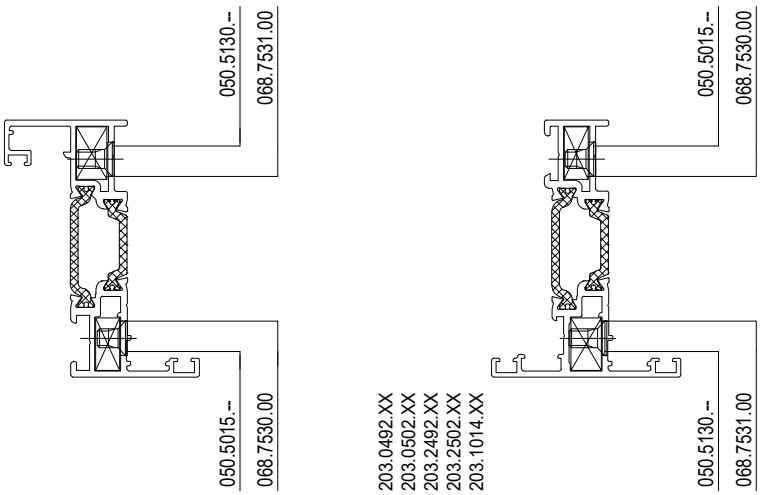
	203.0116.XX 203.0449.XX 203.0441.XX 203.0216.XX 201.0218.XX
097.0183.00 197.C900.00	
095.C300.00 or 095.N300.00 095.E000.00	
097.0164.00	

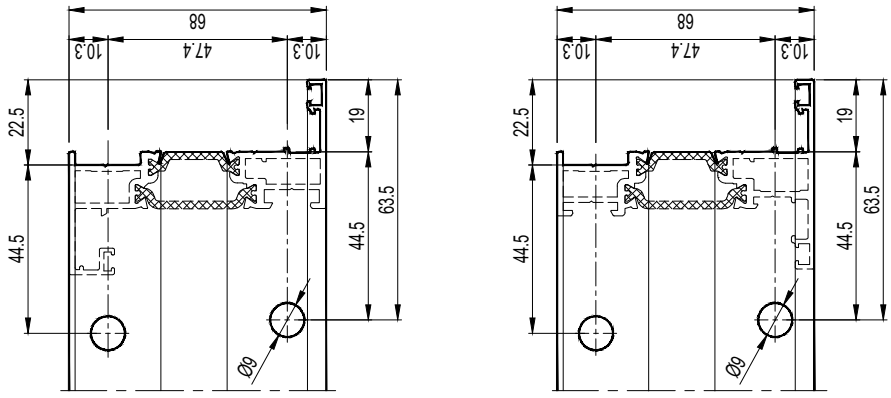
	203.0106.XX
097.0183.00 197.C900.00	
095.C300.00 or 095.N300.00 095.E000.00	

	203.0890.XX 203.0220.XX
097.0183.00 197.C900.00	
-	
097.0164.00	

schaal - échelle
scale - Maßstab
1/2

F



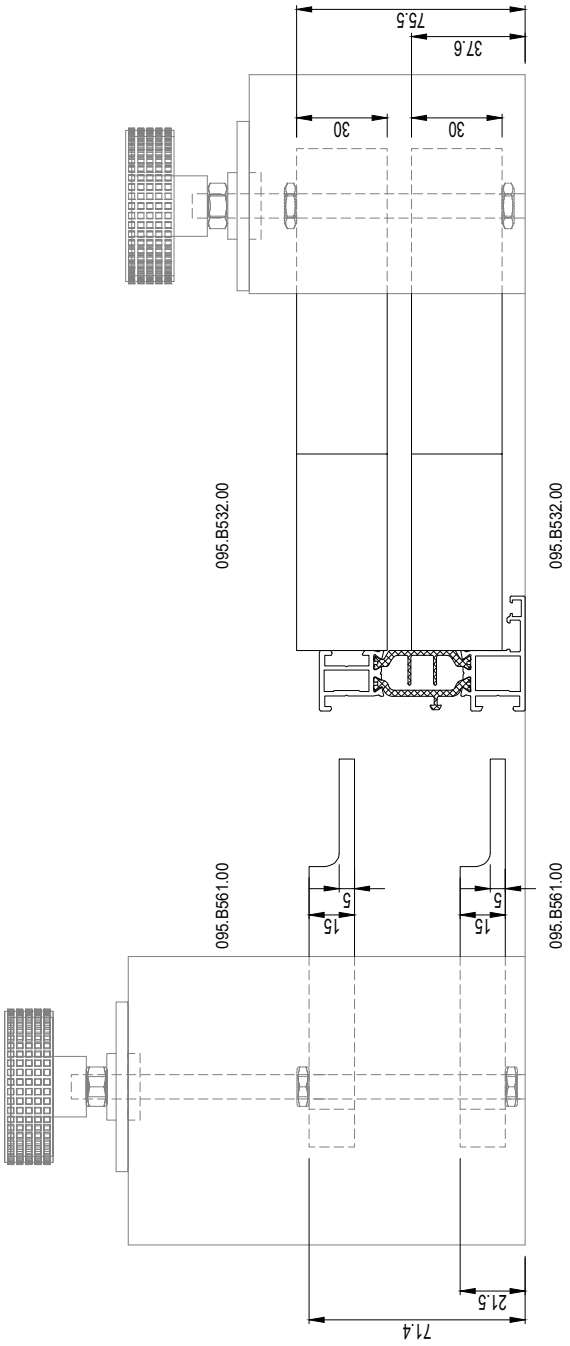


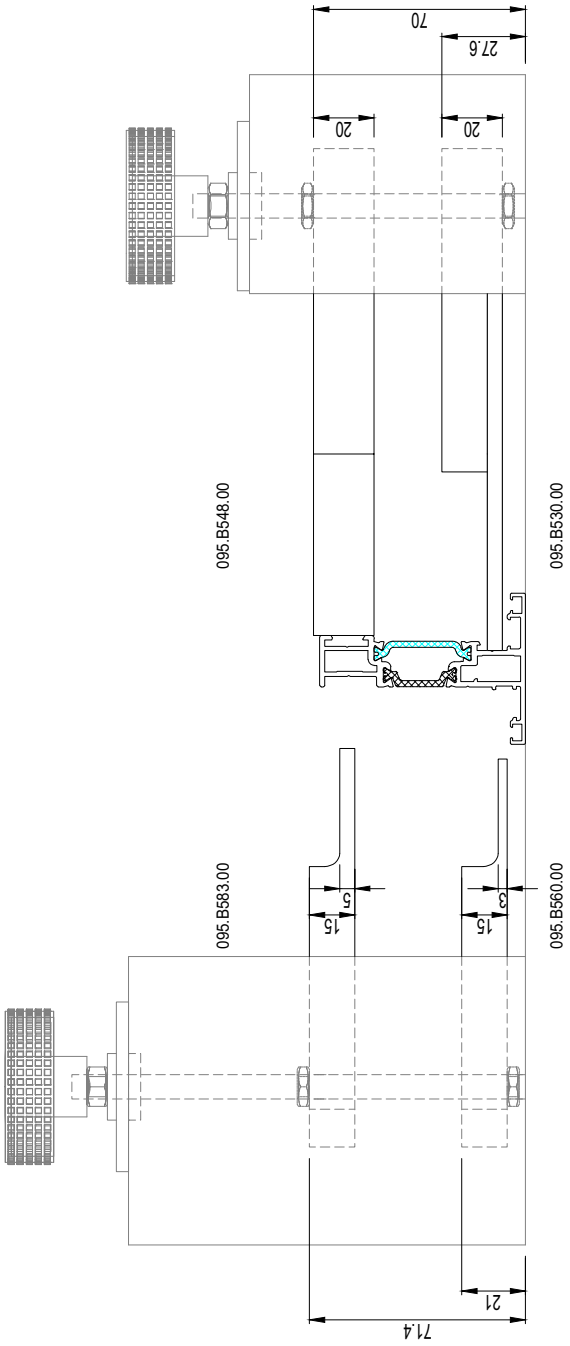
203.0502.XX 203.0492.XX 203.2502.XX 203.2492.XX	097.0183.00 197.C900.00
	095.C300.00 or 095.N300.00 095.E000.00
	097.0230.00
203.1014.XX	
	095.C300.00 or 095.N300.00 095.E000.00
	097.0230.00

schaal - échelle
scale - Maßstab
1/2

F

HOEKENPERS 095.B500.00
SERTISSEUSE 095.B500.00
CRIMPING MACHINE 095.B500.00
ECKVERBINDUNGSMASCHINE 095.B500.00

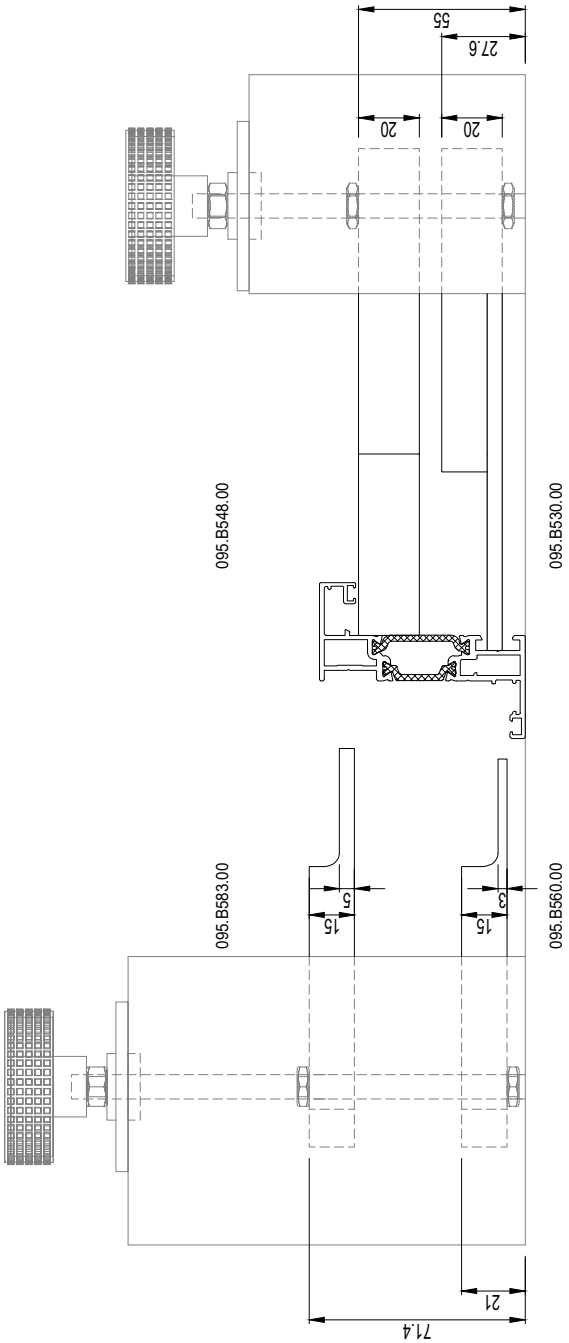




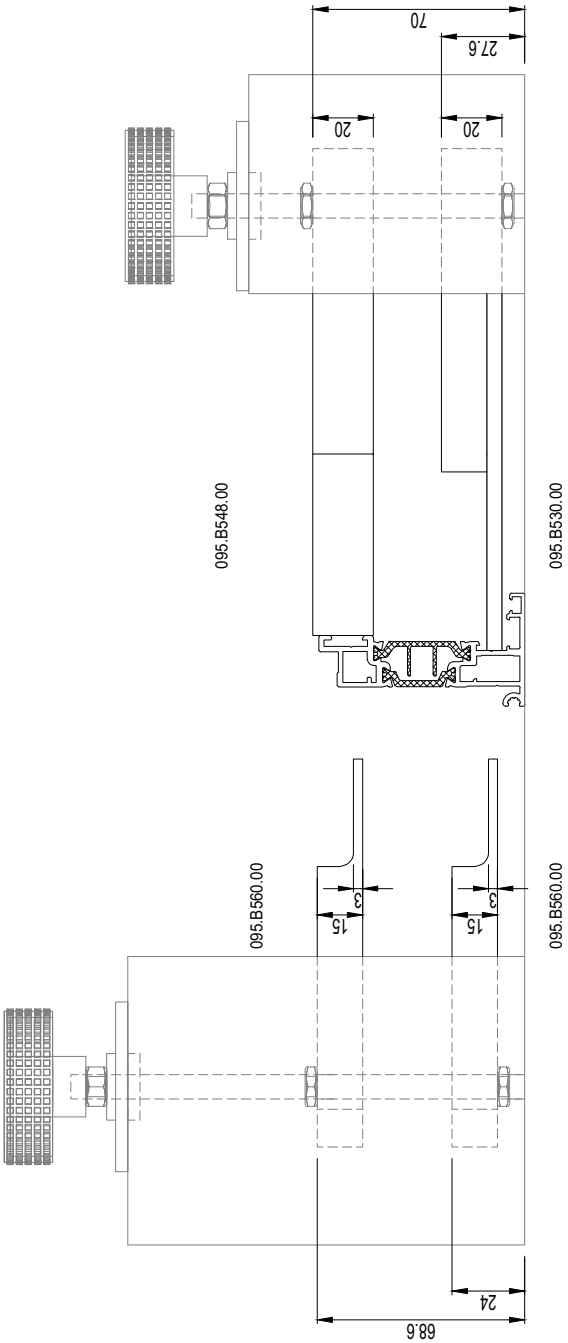
	203.0106.XX 203.0116.XX 203.0441.XX 203.0449.XX 203.0216.XX 203.0218.XX 203.0890.XX

	203.0492.XX 203.2492.XX

HOEKENPERS 095.B500.00
SERTISSEUSE 095.B500.00
CRIMPING MACHINE 095.B500.00
ECKVERBINDUNGSMASCHINE 095.B500.00



203.0502.XX
203.2502.XX

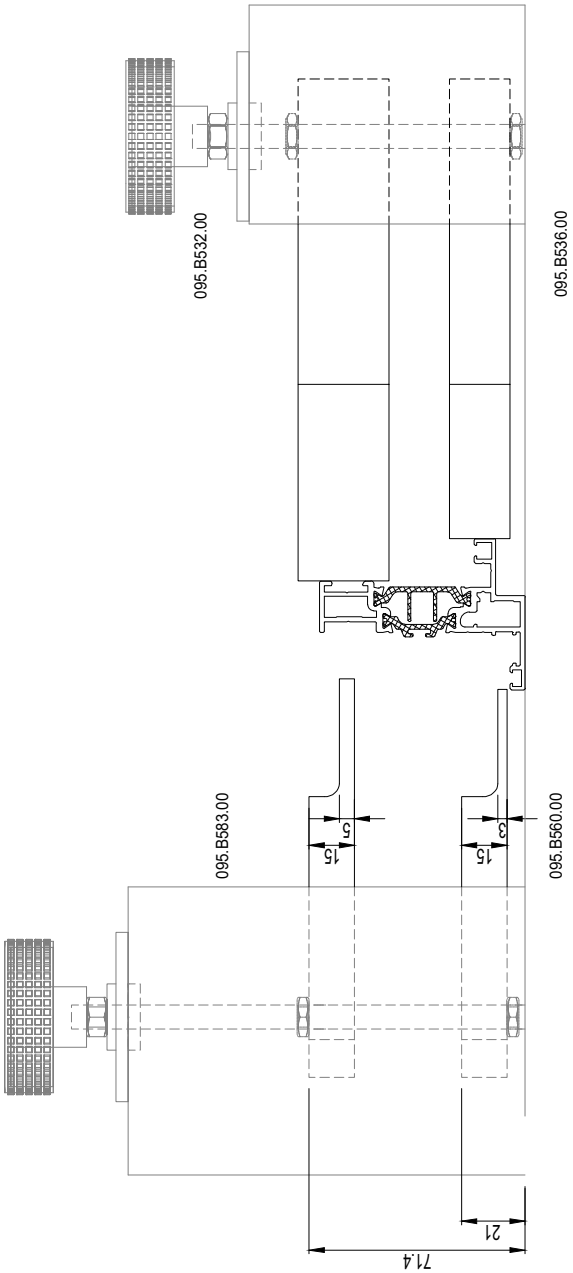


203.0156.XX

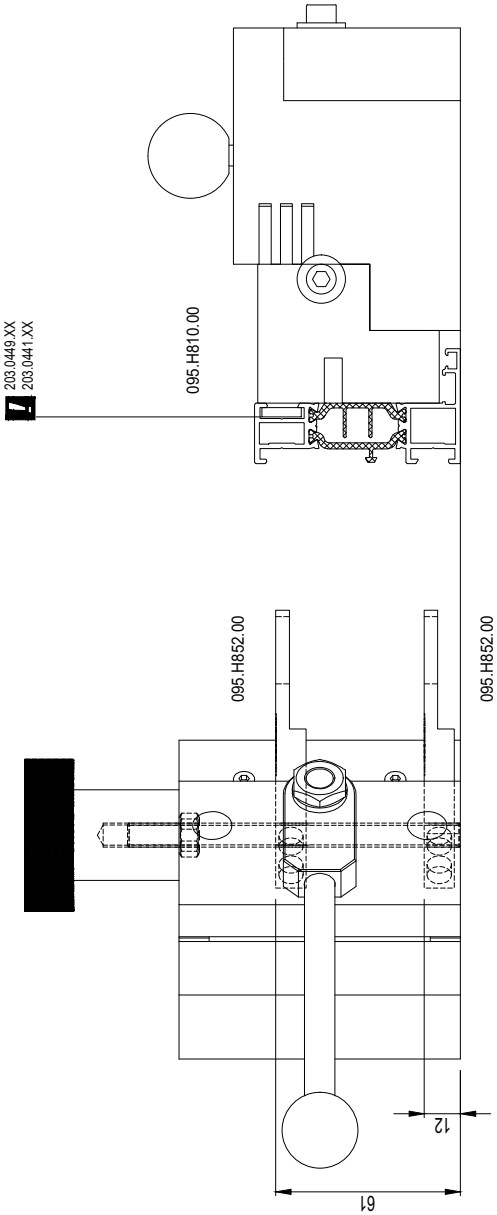
BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG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

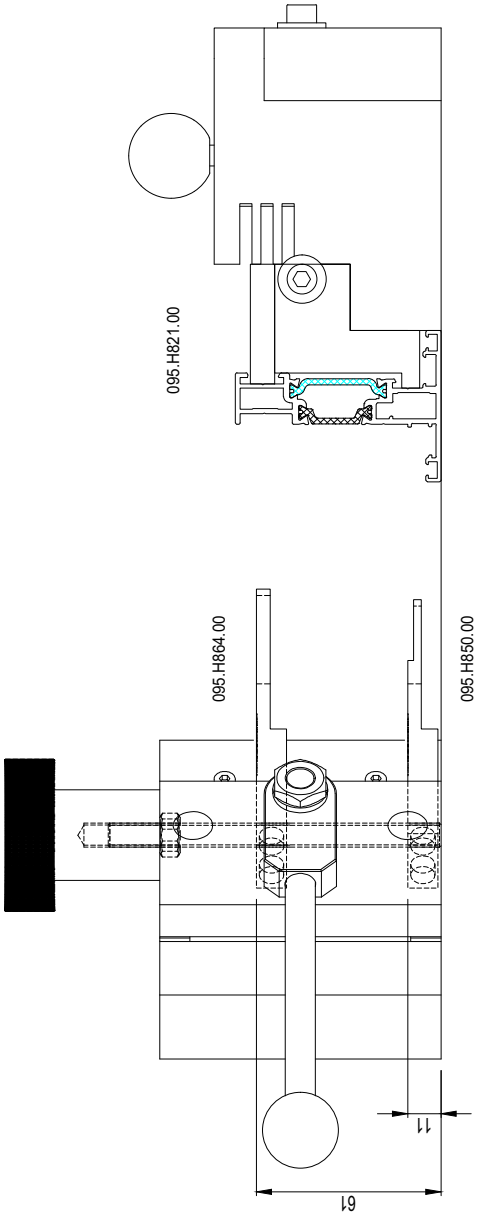
F

HOEKENPERS 095.B500.00
SERTISSEUSE 095.B500.00
CRIMPING MACHINE 095.B500.00
ECKVERBINDUNGSMASCHINE 095.B500.00



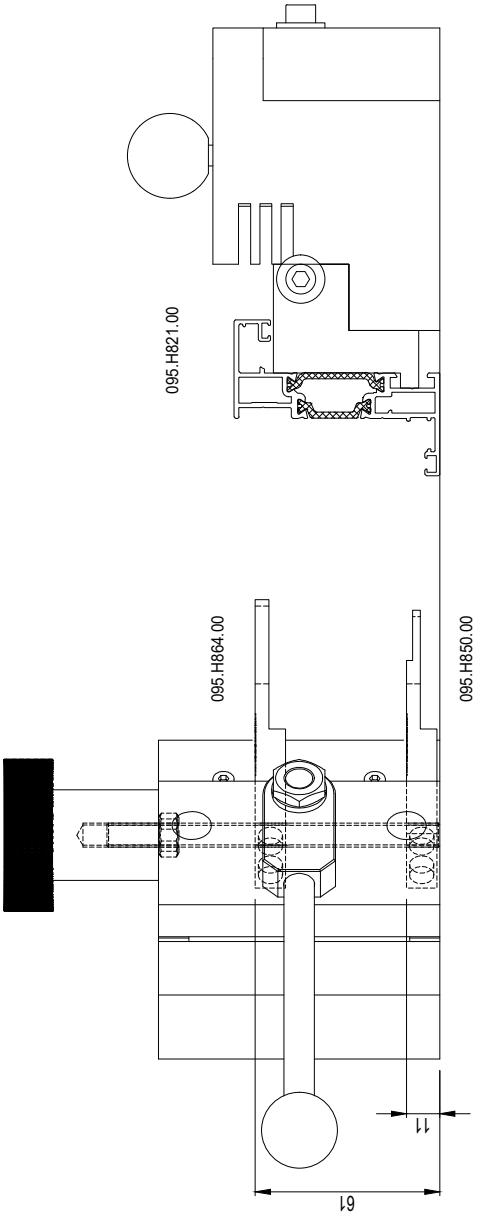
203.1014.XX
203.1314.XX

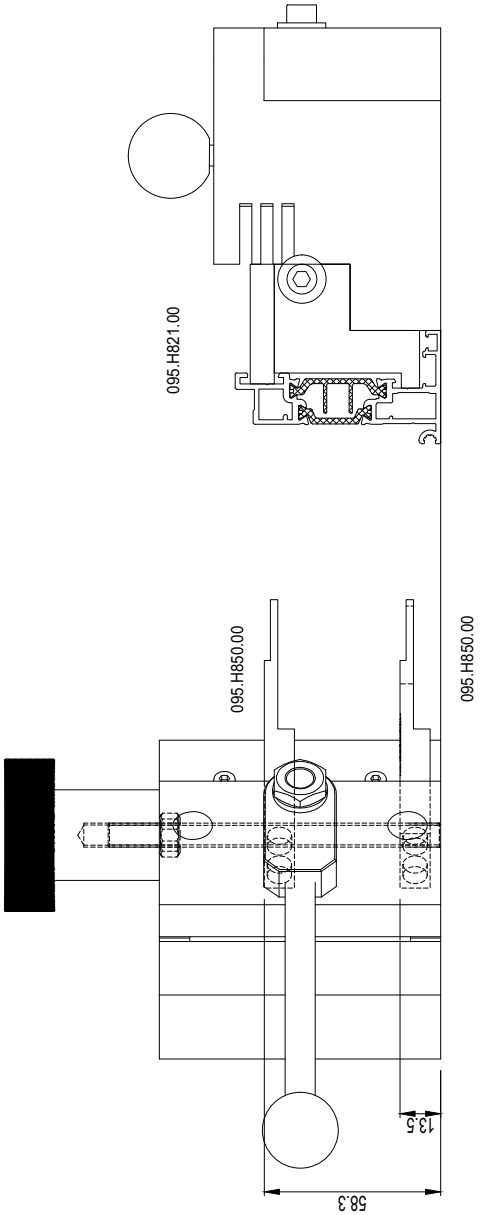




203.0106.XX
203.0116.XX
203.0441.XX
203.0449.XX
203.0216.XX
203.0218.XX
203.0890.XX

203.0492.XX
203.2492.XX



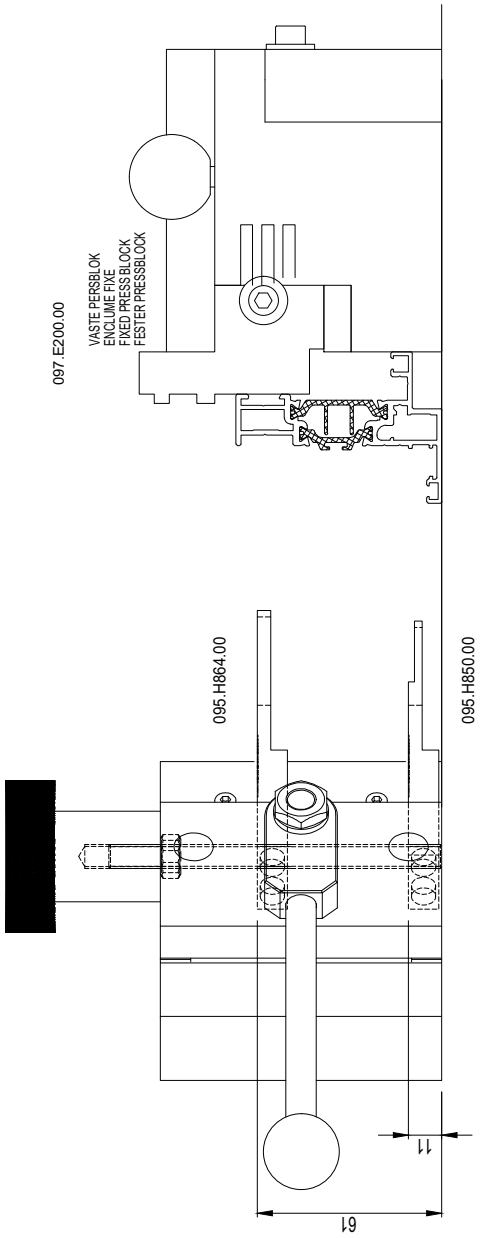


203.0502.XX
203.2502.XX

203.0156.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' !
ZUSAETZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

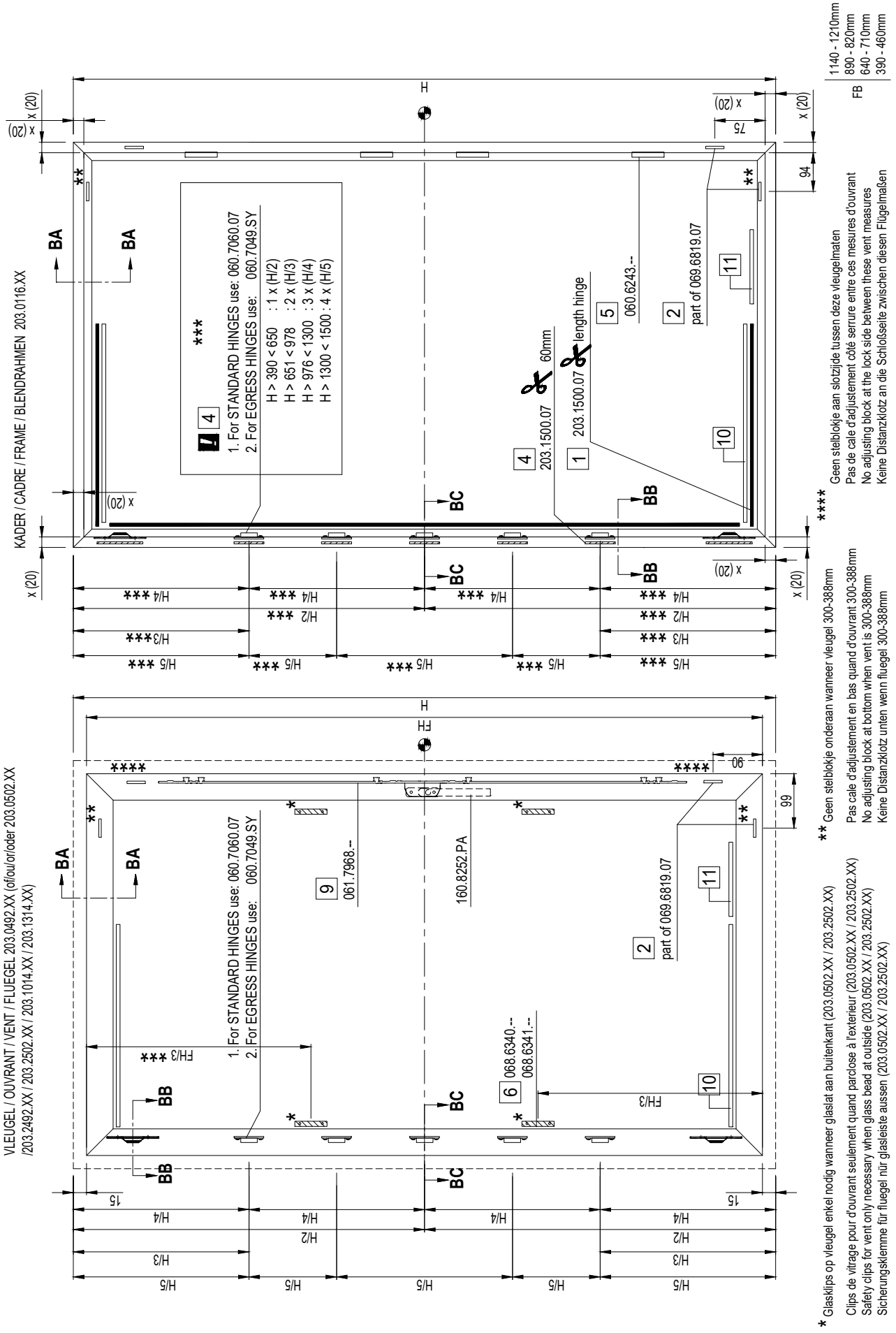
F



203.1014.XX
203.1314.XX

schaal - échelle
scale - Maßstab
1/2

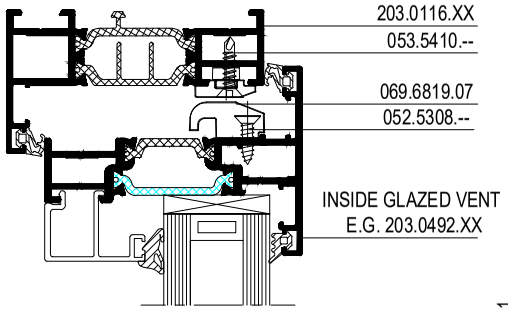
schaal - échelle
scale - Maßstab
1/2


KADER / CADRE / FRAME / BLENDRAHMEN 203.0116.XX
VLEUGEL / OUVRANT / VENT / FLUEGEL 203.0492.XX (of/ou/or/oder 203.0502.XX /203.2492.XX / 203.2502.XX / 203.1014.XX / 203.1314.XX)
1. For STANDARD HINGES use: 060.7060.07
2. For EGRESS HINGES use: 060.7049.SY
H > 390 < 650 : 1 x (H/2)
H > 651 < 978 : 2 x (H/3)
H > 976 < 1300 : 3 x (H/4)
H > 1300 < 1500 : 4 x (H/5)
203.1500.07 60mm length hinge
060.6243.--
part of 069.6819.07
160.8252.PA
061.7968.--
068.6340.--
068.6341.--
Geen stelblokje aan slotzijde tussen deze vleugelmaten
Pas de cale d'adjustement côté serrure entre ces mesures d'ouvrant
No adjusting block at the lock side between these vent measures
Keine Distanzklotz an die Schloßseite zwischen diesen Flügelmaßen
Geen stelblokje onderaan wanneer vleugel 300-388mm
Pas cale d'adjustement en bas quand d'ouvrant 300-388mm
No adjusting block at bottom when vent is 300-388mm
Keine Distanzklotz unten wenn fluegel 300-388mm
Glasklips op vleugel enkel nodig wanneer glaslat aan buitenkant (203.0502.XX / 203.2502.XX)
Clips de vitrage pour d'ouvrant seulement quand parclose à l'exterieur (203.0502.XX / 203.2502.XX)
Safety clips for vent only necessary when glass bead at outside (203.0502.XX / 203.2502.XX)
Sicherungsklemme für fluegel nür glasleiste aussen (203.0502.XX / 203.2502.XX)
1140 - 1210mm
890 - 820mm
640 - 710mm
390 - 460mm
FB

SL 68

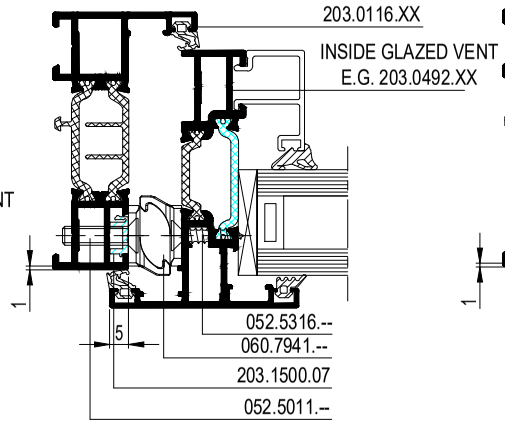
OVERZICHT ACCESSOIRES SIDE HUNG
APERCU ACCESSOIRES SIDE HUNG
OVERVIEW ACCESSORIES SIDE HUNG
UEBERSICHT ZUBEHOR SIDE HUNG

BA-BA



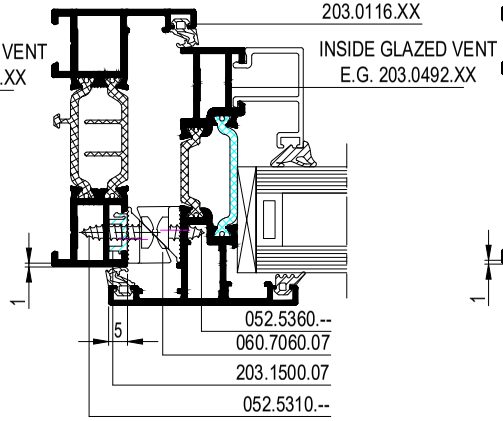
BB-BB

PAS 24

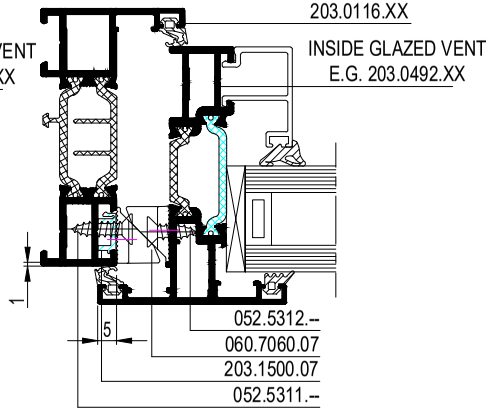


BC-BC !

Optie/option 1: STANDARD HINGES



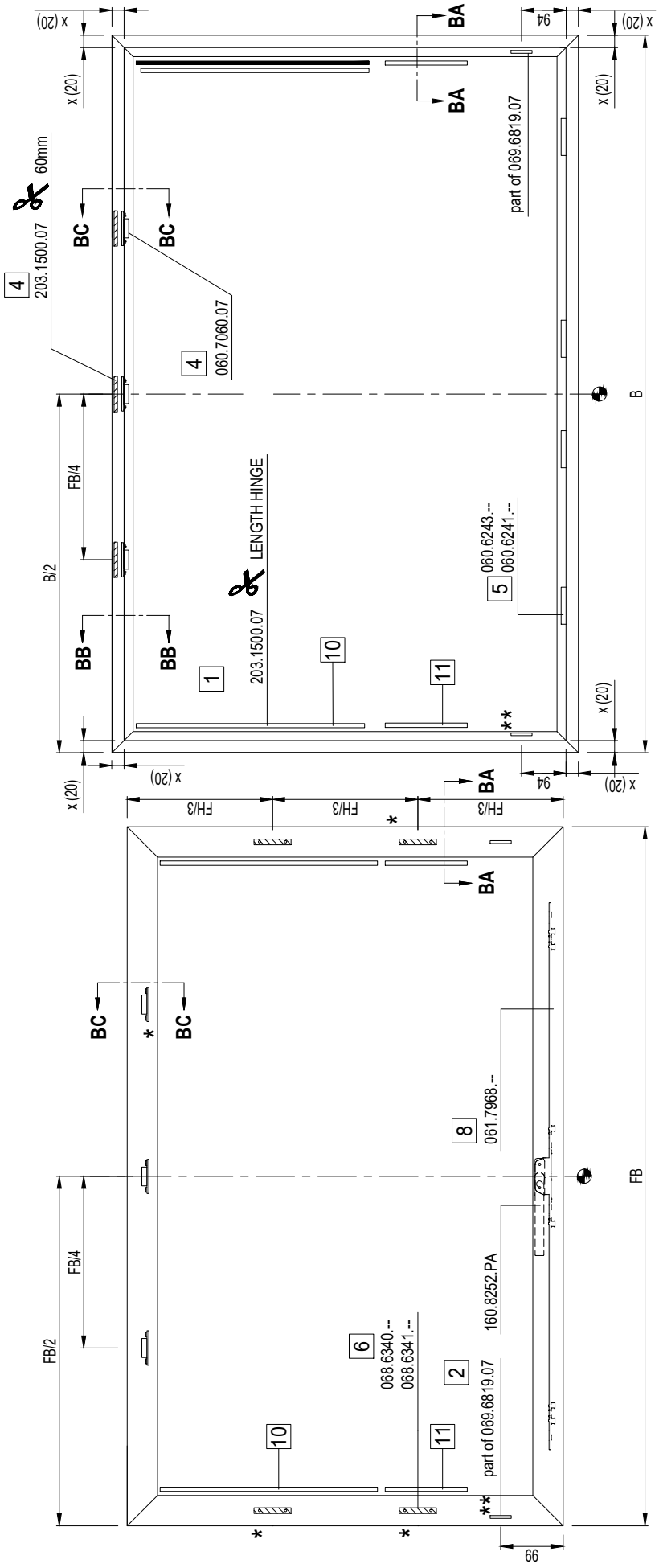
Optie/option 2: EGRESS HINGES



203.1500.07	Klipsprofiel / clip / clip profile / abdeckprofil
069.6819.07	Stelblokje / cale d'adjustement / adjusting block / distanzklotz
060.8320.-- / 060.8321.--	Ondervulling scharen / Support compas / Support friction stays / Fuellstueck schere
060.7060.07	For Standard hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.7049.SY	For Egress hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.6243.--	Locking plate: Sluitstuk b / gache b / lock plate b / schliessstueck b
068.6340.-- + 068.6341.--	Glasklips / clips de vitrage / safety clips / sicherungsklemme
061.7968.--	Espagnoletslot / fermeture espagnolette / shootbolt espagnolette / treibriegelverschluss
160.8252.PA	Kruk met sleutel / poignee a cle / handle to key / handgriff mit schluessel
060.8968.--	Scharen / compas / friction stay / schere

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

schaal - échelle
scale - Maßstab
1/2



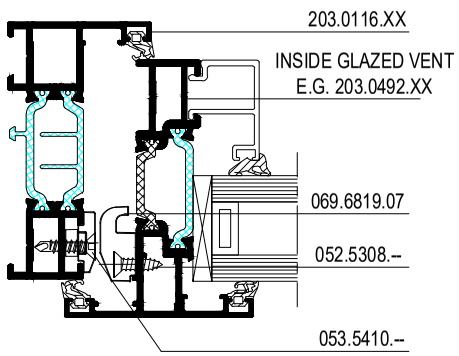
* Glasklips op vleugel enkel nodig wanneer glaslat aan buitenkant (203.0502.XX / 203.2502.XX)
Clips de vitrage pour d'ouvrant seulement quand parclose à l'exterieur (203.0502.XX / 203.2502.XX)
Safety clips for vent only necessary when glass bead at outside (203.0502.XX / 203.2502.XX)
Sicherungsklemme für fluegel nür glasleiste aussen (203.0502.XX / 203.2502.XX)

** Geen stelblokje onderaan wanneer vleugel 300-388mm
Pas cale d'adjustement en bas quand d'ouvrant 300-388mm
No adjusting block at bottom when vent is 300-388mm
Keine Distanzklotz unten wenn fluegel 300-388mm

SL 68

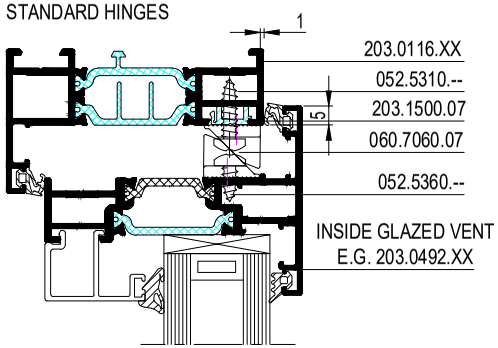
OVERZICHT ACCESSOIRES TOP HUNG
APERCU ACCESSOIRES TOP HUNG
OVERVIEW ACCESSORIES TOP HUNG
UEBERSICHT ZUBEHOR TOP HUNG

BA-BA



BC-BC

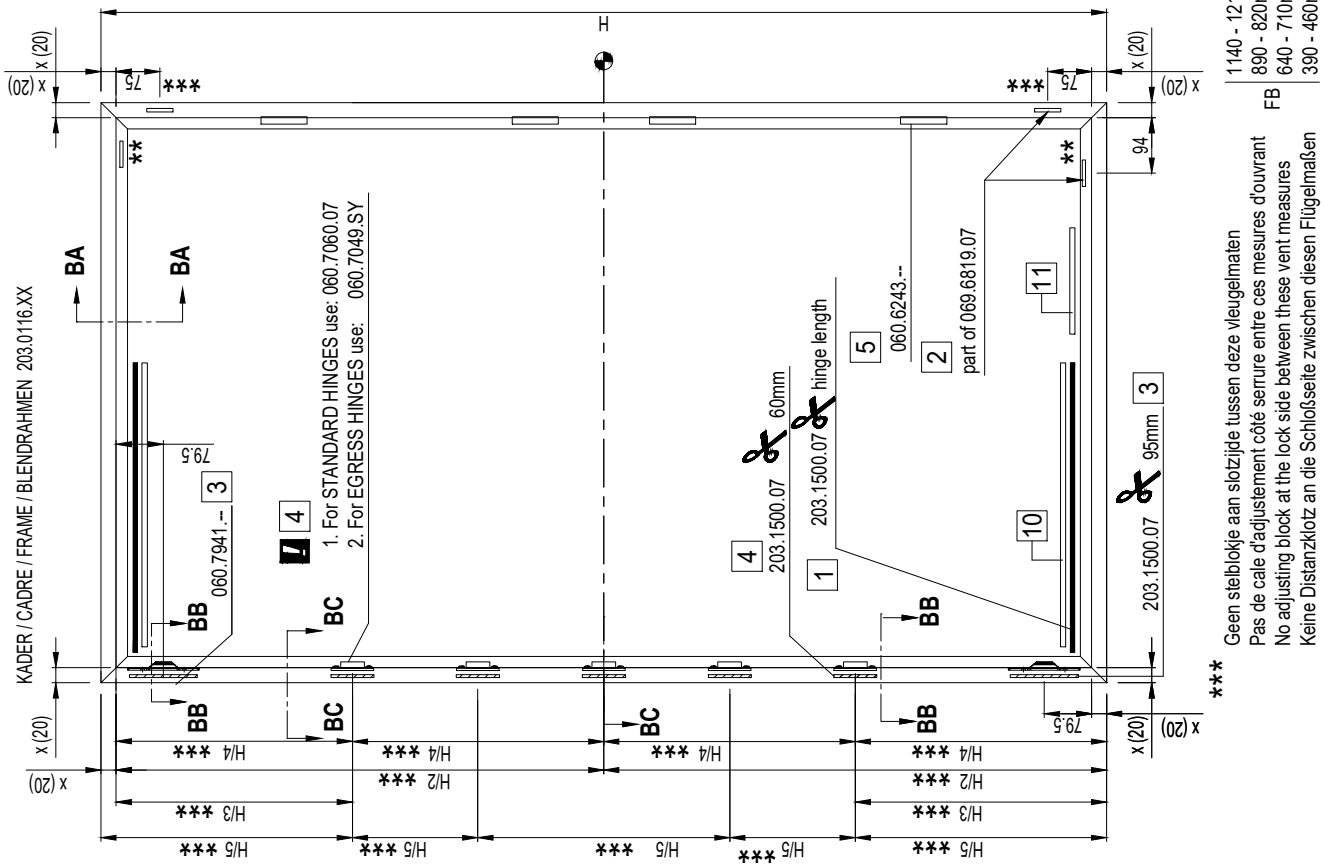
STANDARD HINGES

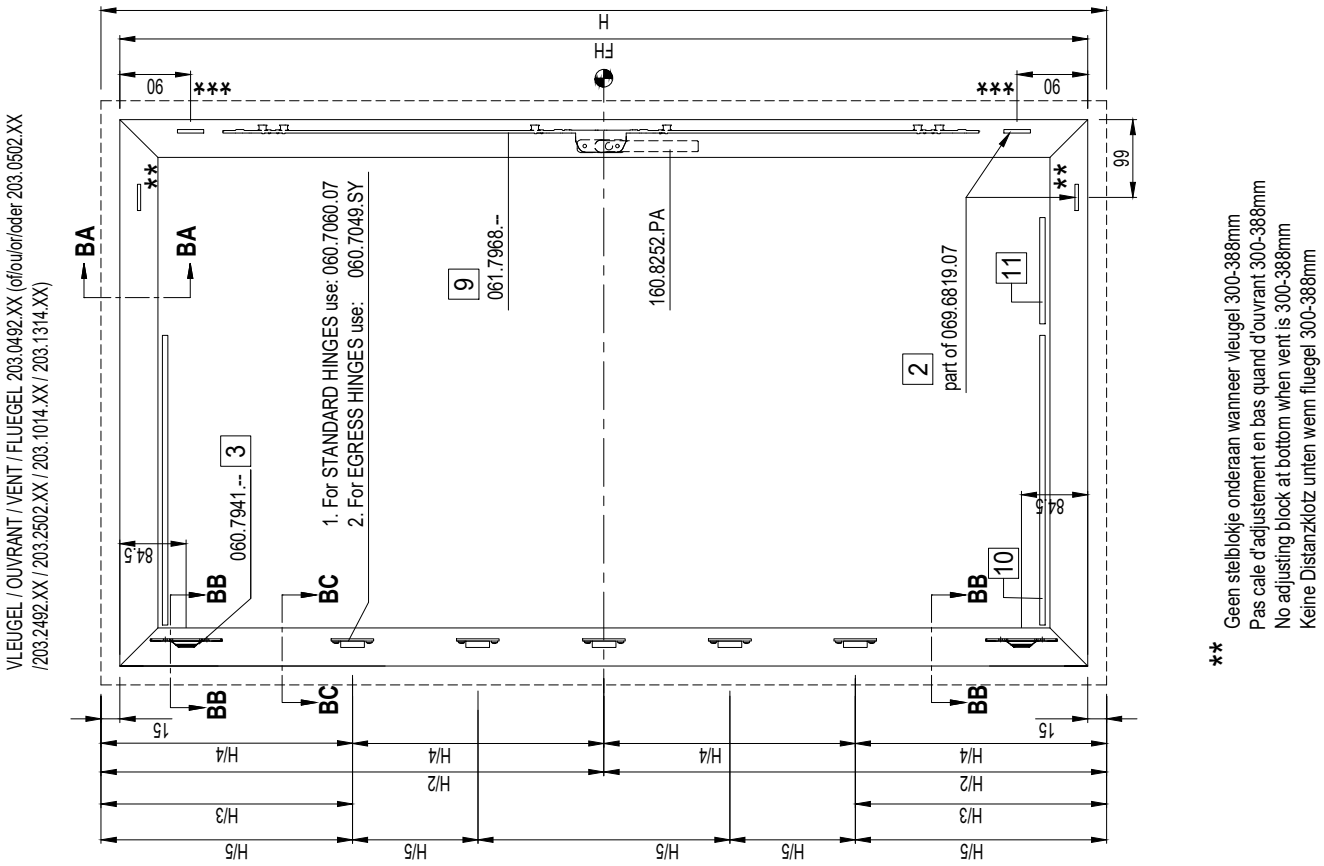


069.6819.07	Stelblokje / cale d'adjustement / adjusting block / distanzklotz
060.7060.07	For Standard hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.7049.SY	For Egress hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.6243.-- / 060.6241.--	Locking plate: Sluitstuk b / gache b / lock plate b / schliessstueck b
068.6340-- + 068.6341.--	Glasklips / clips de vitrage / safety clips / sicherungsklemme
061.7968.--	Espagnoletslot / fermeture espagnolette / shootbolt espagnolette / treibriegelverschluss
160.8252.PA	Kruk met sleutel / poignee a cle / handle to key / handgriff mit schluessel
060.8869.--	Scharen / compas / friction stay / schere

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

schaal - échelle
scale - Maßstab
1/2

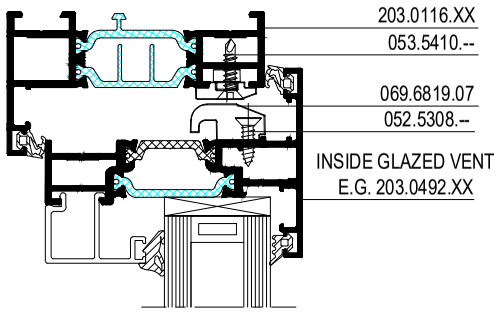

KADER / CADRE / FRAME / BLENDRAHMEN 203.0116.XX
1. For STANDARD HINGES use: 060.7060.07
2. For EGRESS HINGES use: 060.7049.SY
060.7941.--
060.6243.--
part of 069.6819.07
203.1500.07 60mm hinge length
203.1500.07 95mm
Geen stelblokje aan slotzijde tussen deze vleugelmaten
Pas de cale d'adjustement côté serrure entre ces mesures d'ouvrant
No adjusting block at the lock side between these vent measures
Keine Distanzklotz an die Schloßseite zwischen diesen Flügelmaßen
FB
1140 - 1210mm
890 - 820mm
640 - 710mm
390 - 460mm


VLEUGEL / OUVRANT / VENT / FLUEGEL 203.0492.XX (of/ou/or/oder 203.0502.XX
/203.2492.XX / 203.2502.XX / 203.1014.XX / 203.1314.XX)
1. For STANDARD HINGES use: 060.7060.07
2. For EGRESS HINGES use: 060.7049.SY
060.7941.--
061.7968.--
160.8252.PA
part of 069.6819.07
Geen stelblokje onderaan wanneer vleugel 300-388mm
Pas cale d'adjustement en bas quand d'ouvrant 300-388mm
No adjusting block at bottom when vent is 300-388mm
Keine Distanzklotz unten wenn fluegel 300-388mm

SL 68

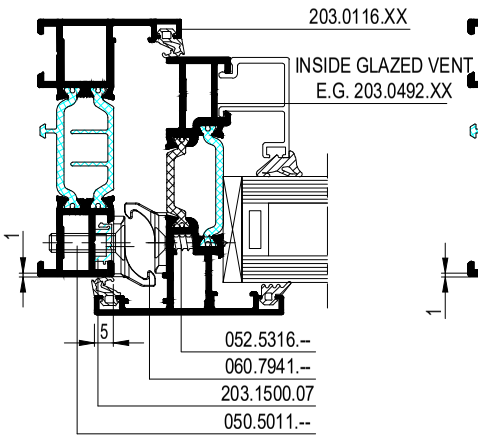
OVERZICHT ACCESSOIRES SIDE HUNG PAS24
APERCU ACCESSOIRES SIDE HUNG PAS24
OVERVIEW ACCESSORIES SIDE HUNG PAS24
UEBERSICHT ZUBEHOR SIDE HUNG PAS24

BA-BA



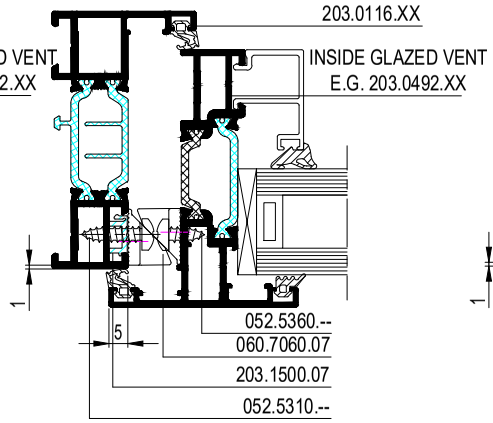
BB-BB

PAS 24

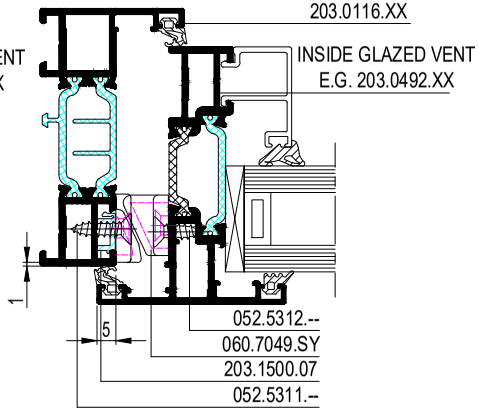


BC-BC !

Optie/option 1: STANDARD HINGES



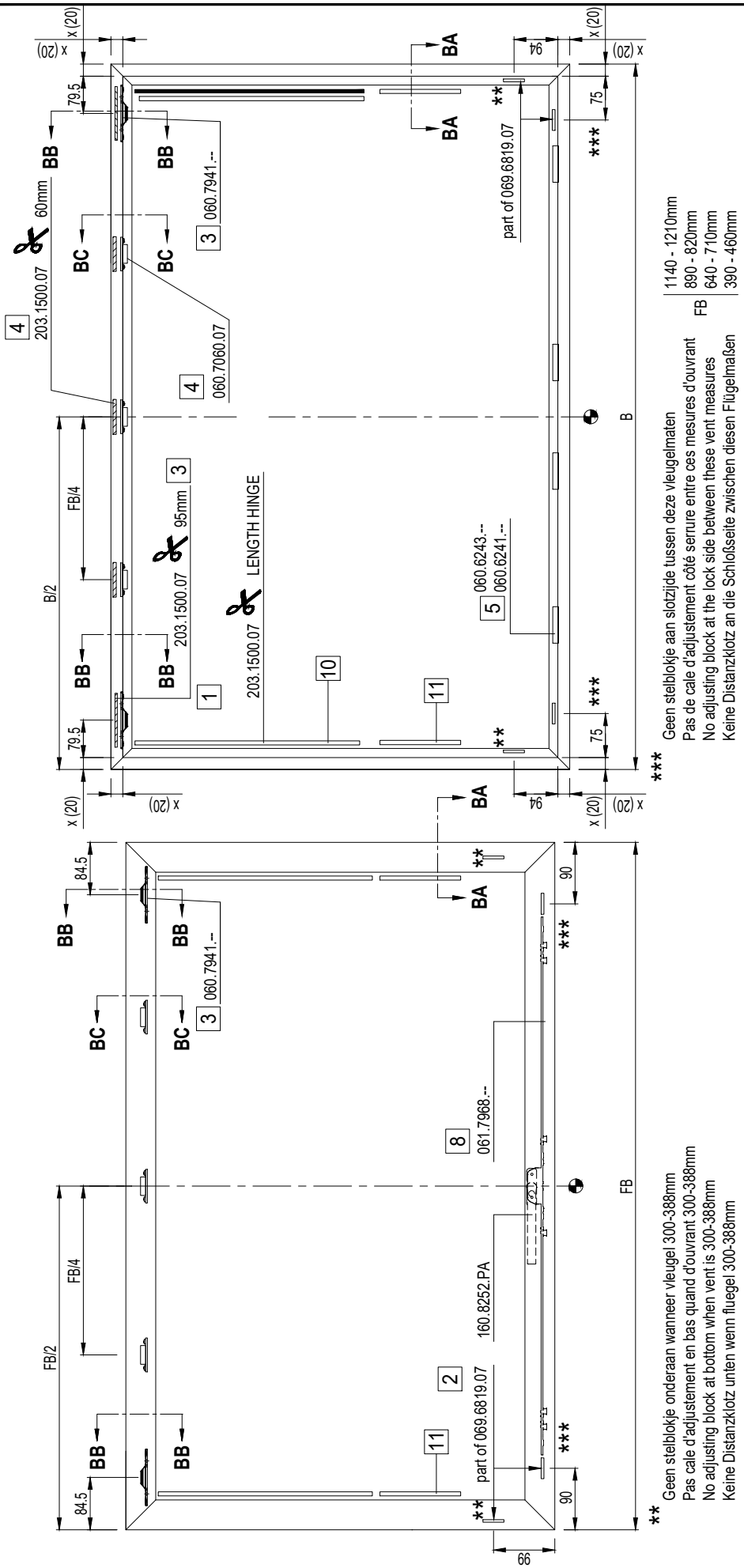
Optie/option 2: EGRESS HINGES



203.1500.07	Klipsprofiel / clip / clip profile / abdeckprofil
069.6819.07	Stelblokje / cale d'adjustement / adjusting block / distanzklotz
060.7941.--	Holte scharnier beschermer / cavite charnière protecteur / cavity hinge protector / Hohlraum gelenkschutz
060.7060.07	For Standard hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.7049.SY	For Egress hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.6243.--	Locking plate: Sluitstuk b / gache b / lock plate b / schliessstueck b
068.6340-- + 068.6341.--	Glasklips / clips de vitrage / safety clips / sicherungsklemme
061.7968.--	Espagnoletslot / fermeture espagnolette / shootbolt espagnolette / treibriegelverschluss
160.8252.PA	Kruk met sleutel / poignee a cle / handle to key / handgriff mit schluessel
060.8968.--	Scharen / compas / friction stay / schere

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

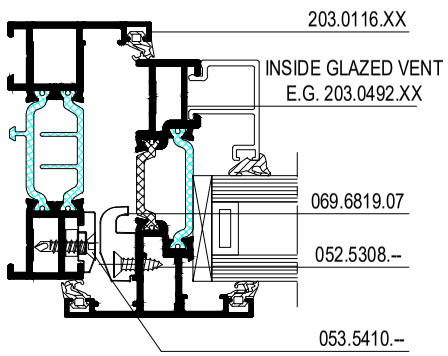
schaal - échelle
scale - Maßstab
1/2


KADER / CADRE / FRAME / BLENDRAHMEN 203.0116.XX
VLEUGEL / OUVRANT / VENT / FLUEGEL 203.0492.XX (of/ou/or/oder 203.0502.XX /203.2492.XX / 203.2502.XX / 203.1014.XX / 203.1314.XX)
4 203.1500.07 60mm
3 060.7941.--
4 060.7060.07
part of 069.6819.07
LENGTH HINGE
3 95mm 203.1500.07
1
203.1500.07
10
11
5 060.6243.-- 060.6241.--
Geen stelblokje aan slotzijde tussen deze vleugelmaten
Pas de cale d'adjustement côté serrure entre ces mesures d'ouvrant
No adjusting block at the lock side between these vent measures
Keine Distanzklotz an die Schloßseite zwischen diesen Flügelmaßen
FB
1140 - 1210mm
890 - 820mm
640 - 710mm
390 - 460mm
8 061.7968.--
2 part of 069.6819.07 160.8252.PA
Geen stelblokje onderaan wanneer vleugel 300-388mm
Pas cale d'adjustement en bas quand d'ouvrant 300-388mm
No adjusting block at bottom when vent is 300-388mm
Keine Distanzklotz unten wenn fluegel 300-388mm

SL 68

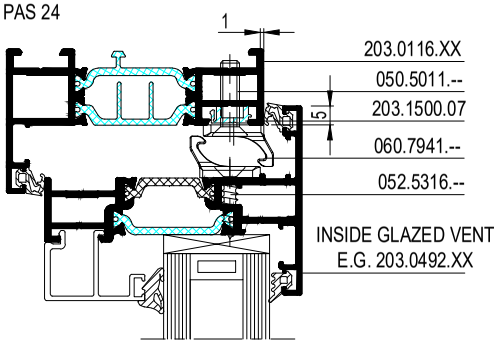
OVERZICHT ACCESSOIRES TOP HUNG PAS24
APERCU ACCESSOIRES TOP HUNG PAS24
OVERVIEW ACCESSORIES TOP HUNG PAS24
UEBERSICHT ZUBEHOR TOP HUNG PAS24

BA-BA



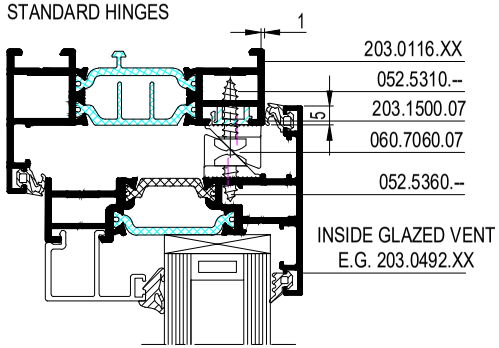
BB-BB

PAS 24



BC-BC

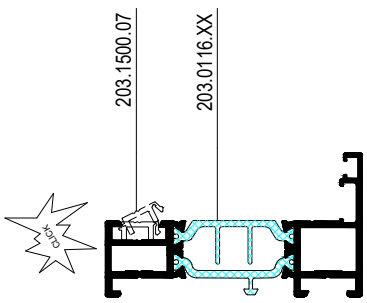
STANDARD HINGES



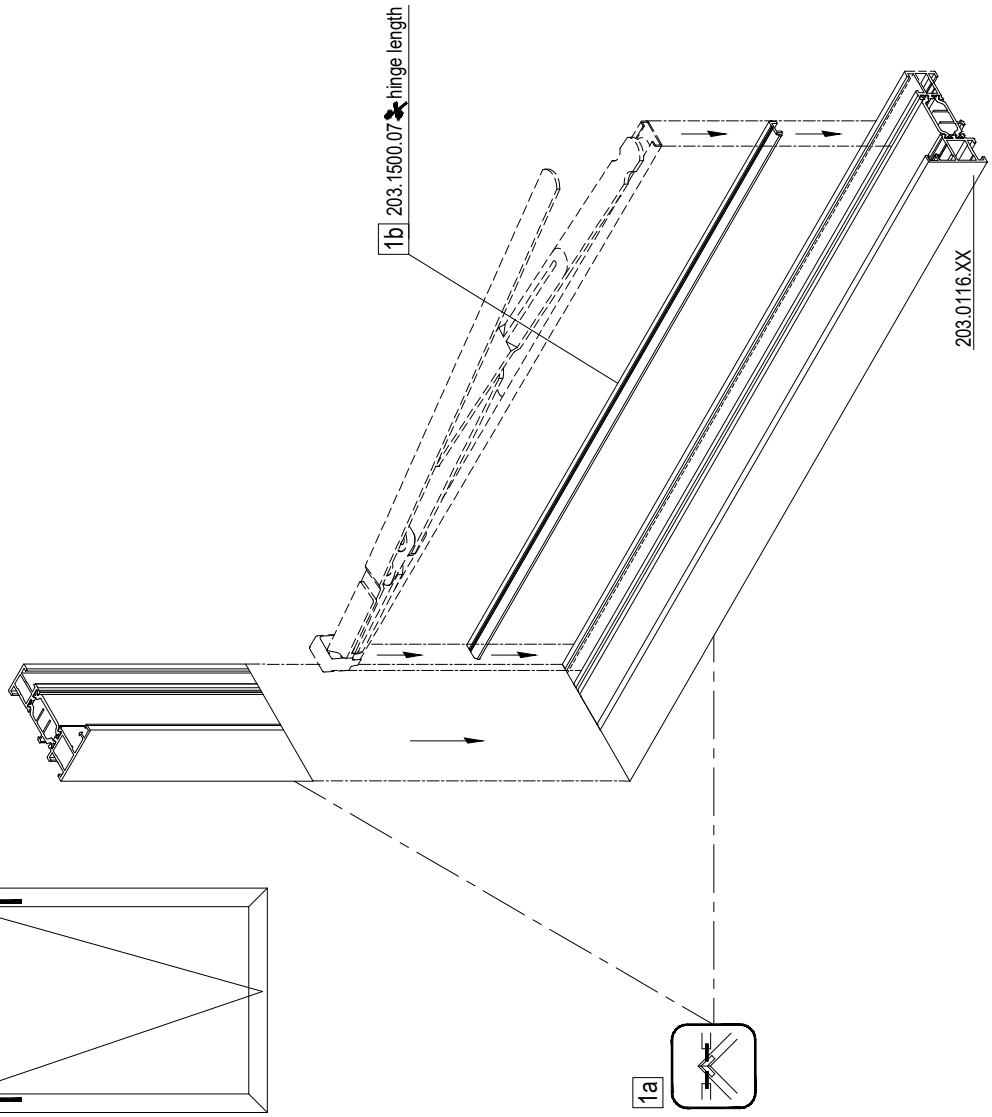
069.6819.07	Stelblokje / cale d'adjustement / adjusting block / distanzklotz
060.7941.--	Holte scharnier beschermer / cavite charnière protecteur / cavity hinge protector / Hohlraum gelenkschutz
060.7060.07	For Standard hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.7049.SY	For Egress hinges: Sluitstuk a / gache a / lock plate a / schliessstueck a
060.6243.-- / 060.6241.--	Locking plate: Sluitstuk b / gache b / lock plate b / schliessstueck b
068.6340-- + 068.6341.--	Glasklips / clips de vitrage / safety clips / sicherungsklemme
061.7968.--	Espagnoletslot / fermeture espagnolette / shootbolt espagnolette / treibriegelverschluss
160.8252.PA	Kruk met sleutel / poignee a cle / handle to key / handgriff mit schluessel
060.8869.--	Scharen / compas / friction stay / schere

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

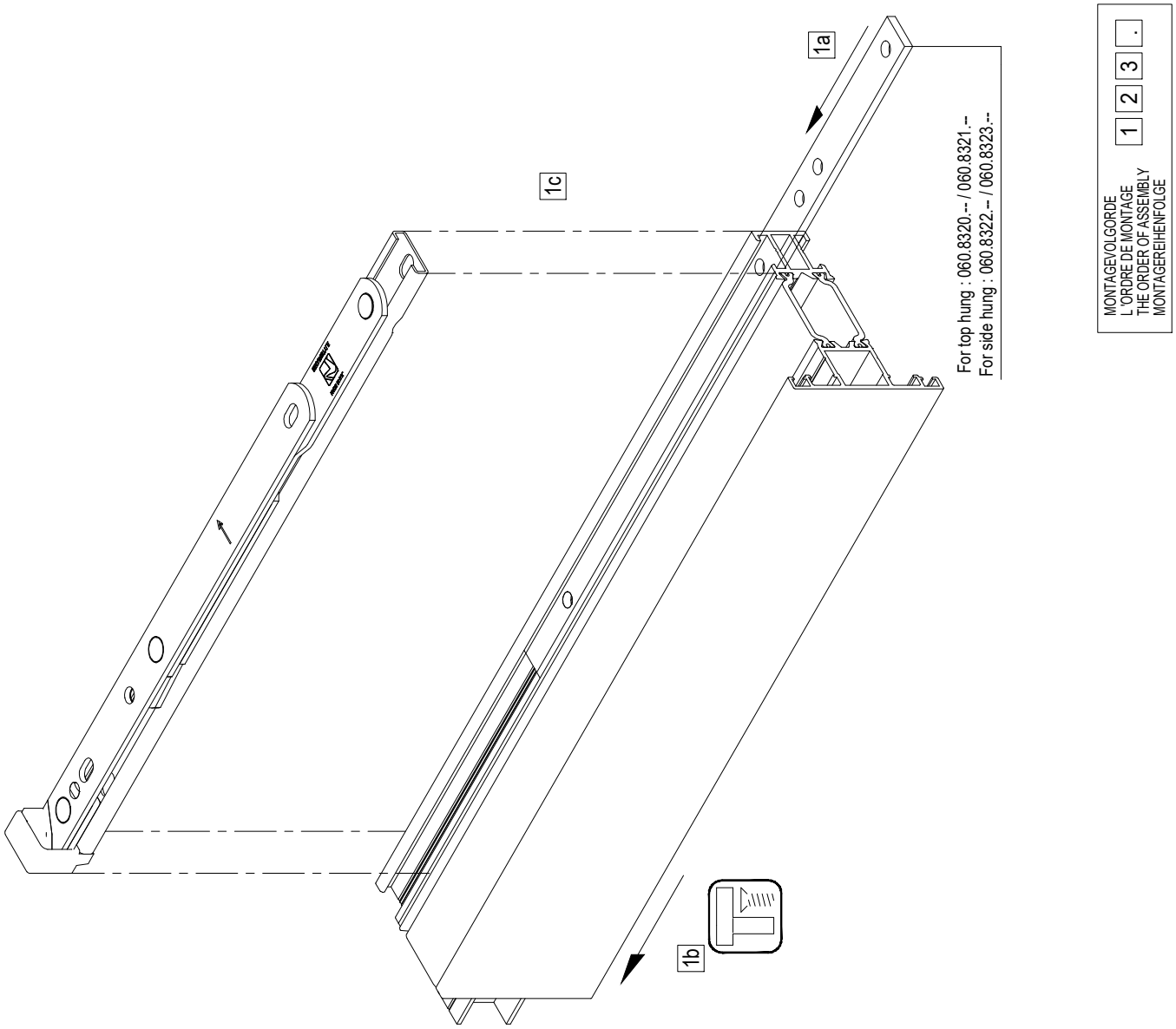
schaal - échelle
scale - Maßstab
1/2

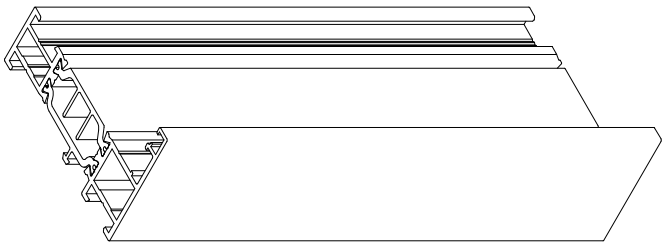


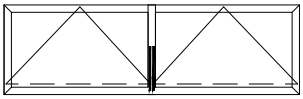
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

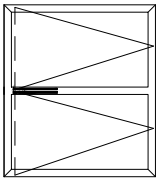


1 MONTAGE / ASSEMBLY 060.8320-060.8323.--

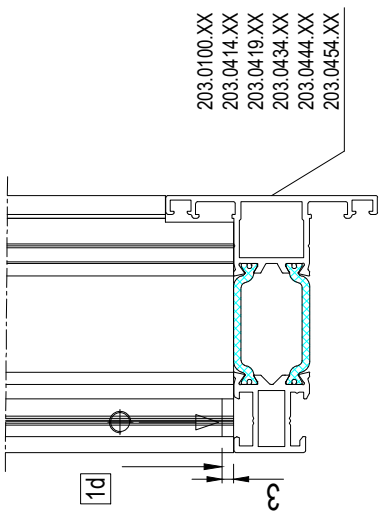








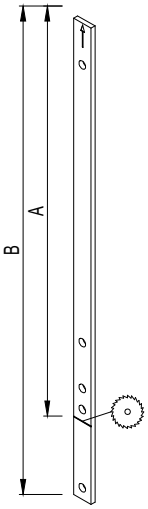
1 MONTAGE/ASSEMBLY 060.8320-060.8323.--



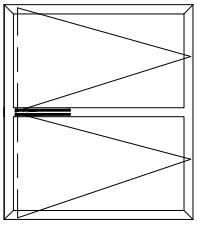
schaal - échelle
scale - Maßstab
1/2

F

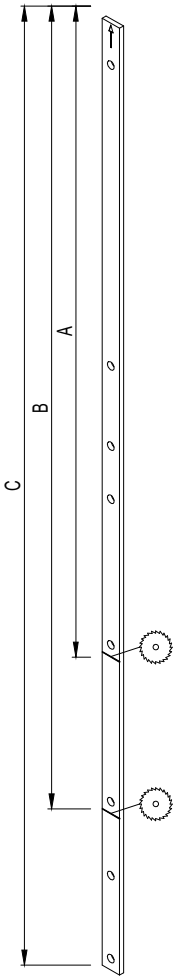
A	B
060.8860.--	060.8872.--
060.8871.--	060.8861.--



060.8320.--



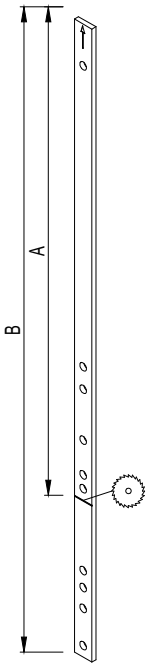
A	B	C
060.8863.--	060.8865.--	060.8867.--
060.8874.--	060.8771.--	060.8869.--
		060.8870.--
		060.8773.--



060.8321.--

A	B
060.8775.--	060.8781.--
060.8960.--	060.8964.--
060.8961.--	060.8782.--
060.8951.--	060.8965.--

B
060.8966.--
060.8956.--
060.8778.--
060.8962.--
060.8967.--
060.8957.--
060.8963.--
060.8953.--
060.8968.--



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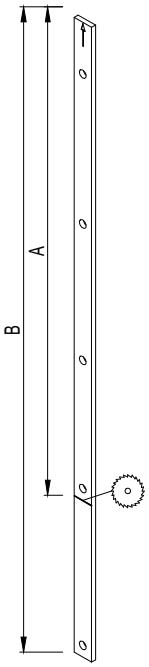

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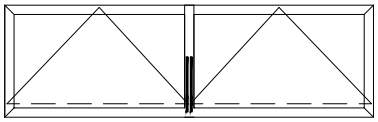
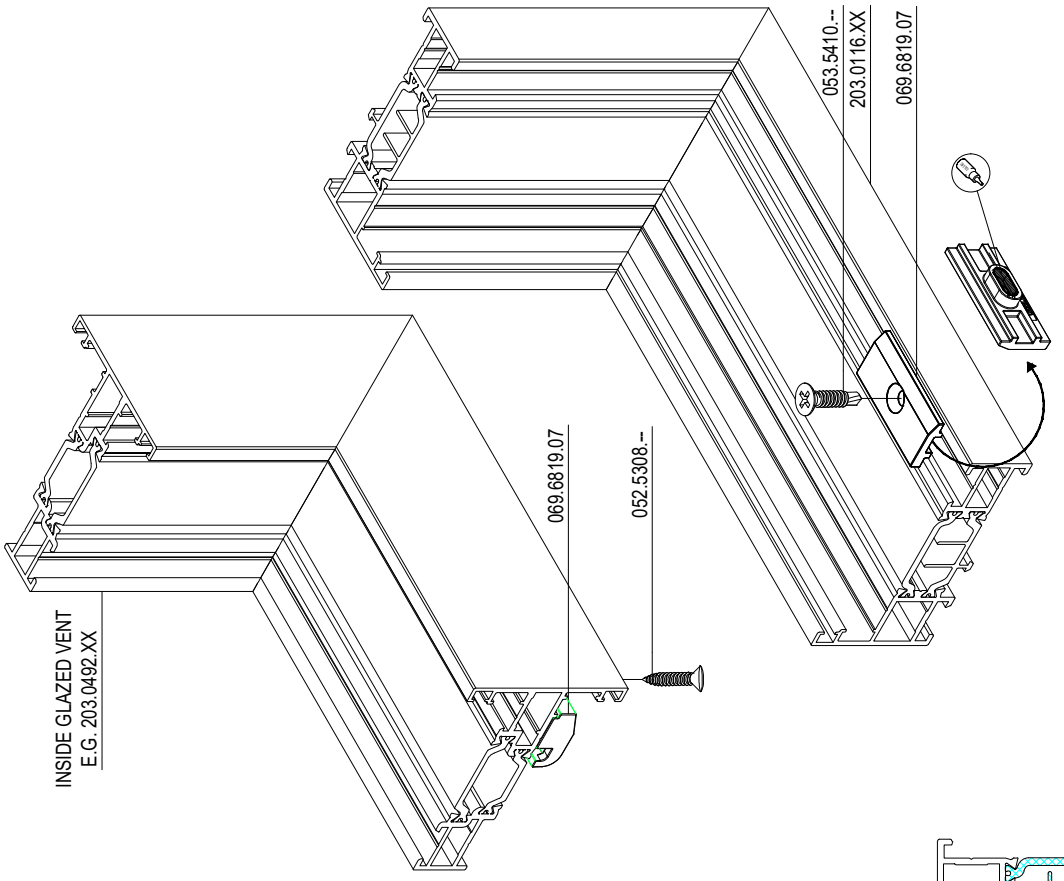
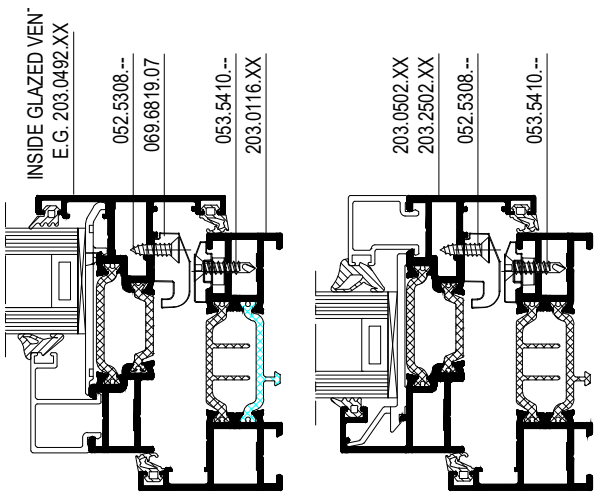


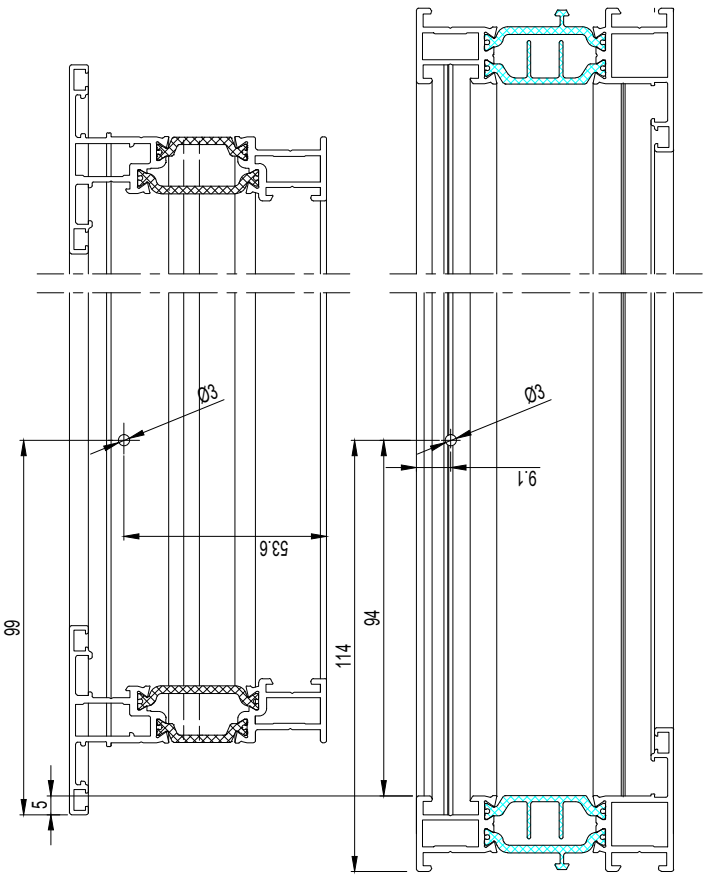
schaal - échelle
scale - Maßstab
1/2

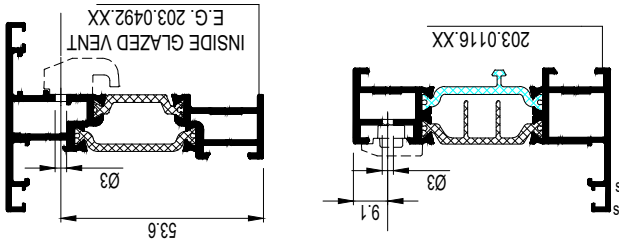
F



MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .







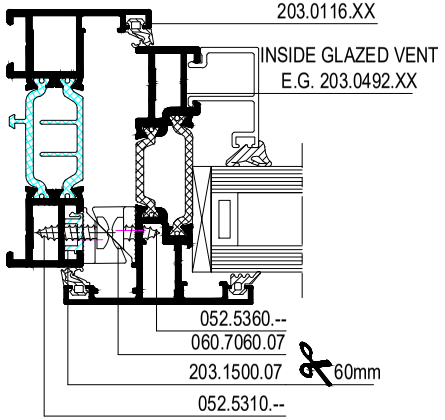
2 MONTAGE / ASSEMBLY 069.6819.07

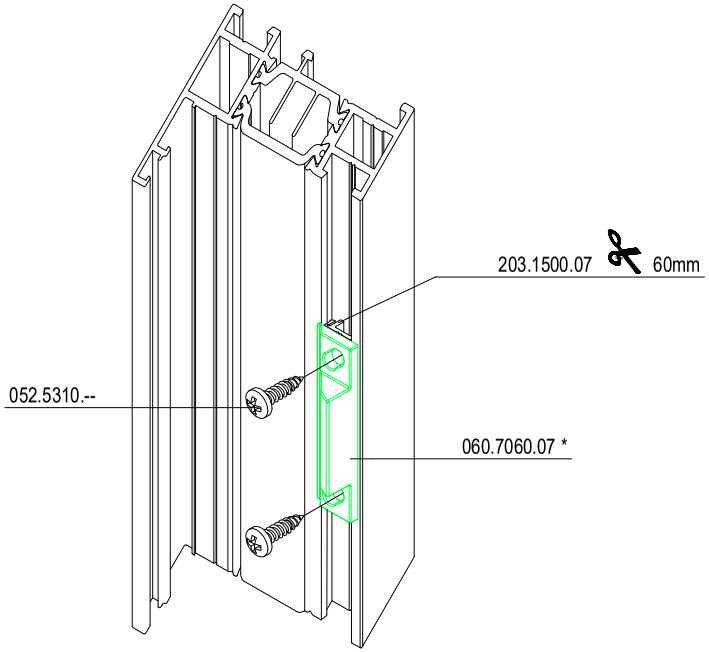
schaal - échelle
scale - Maßstab
1/2

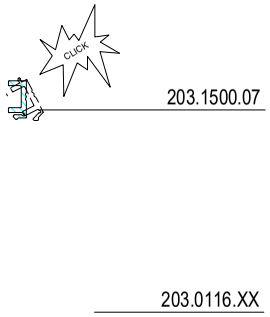
F

4 MONTAGE / ASSEMBLY 060.7060.07 of/or/ou/oder 060.7049.SY

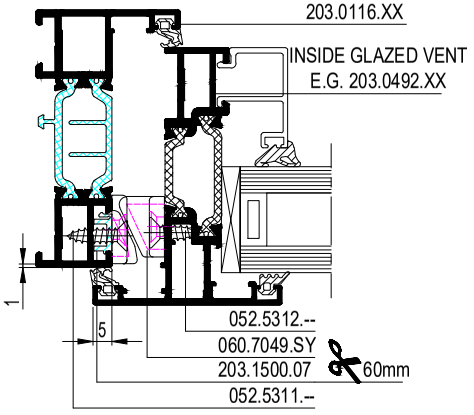
Optie/option 1: STANDARD HINGES



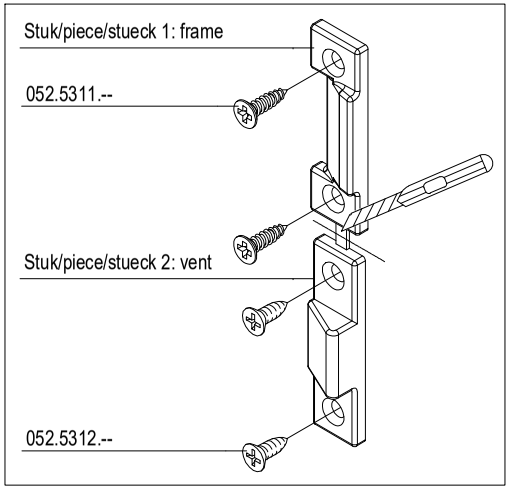




Optie/option 2: EGRESS HINGES

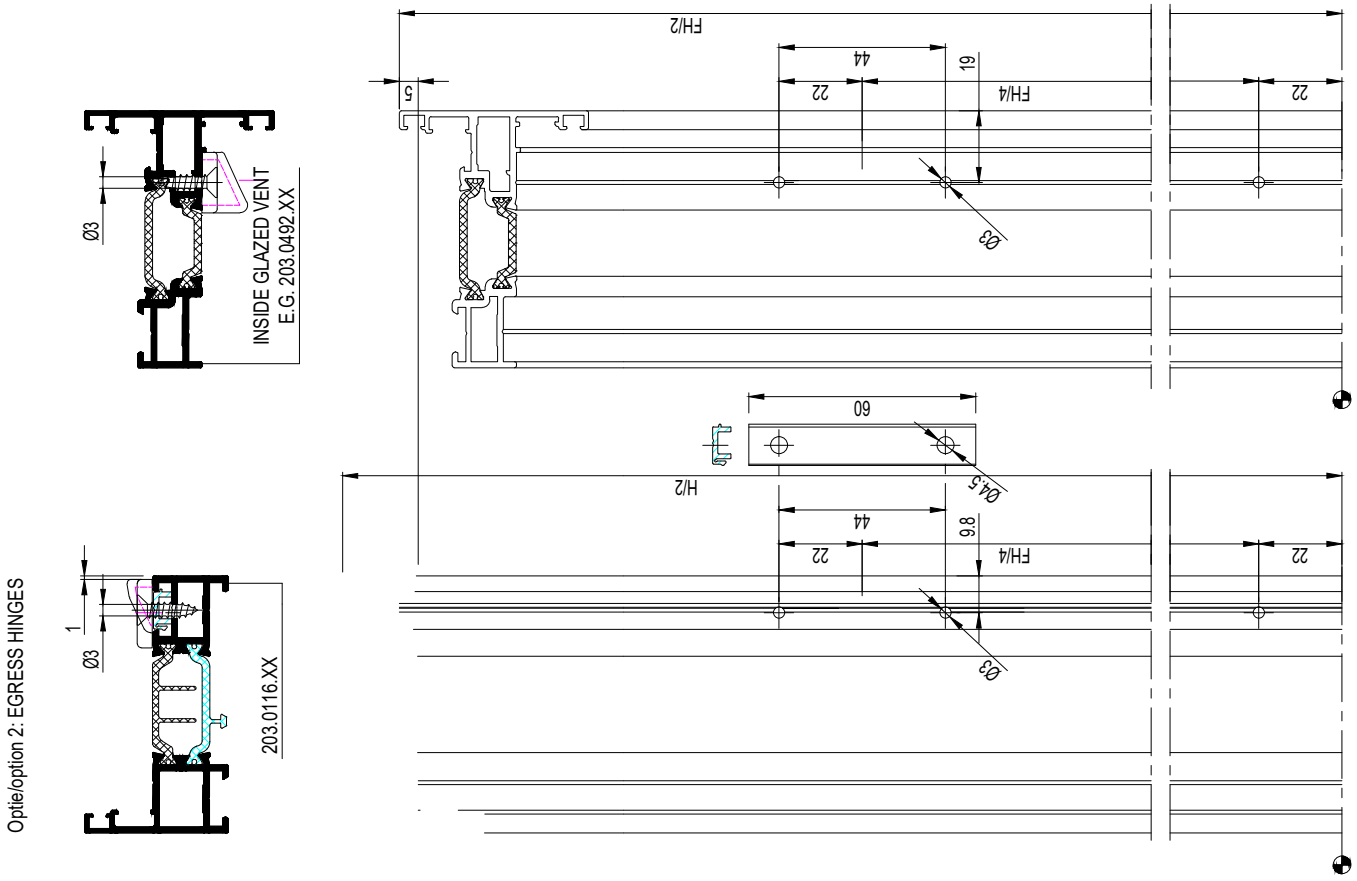


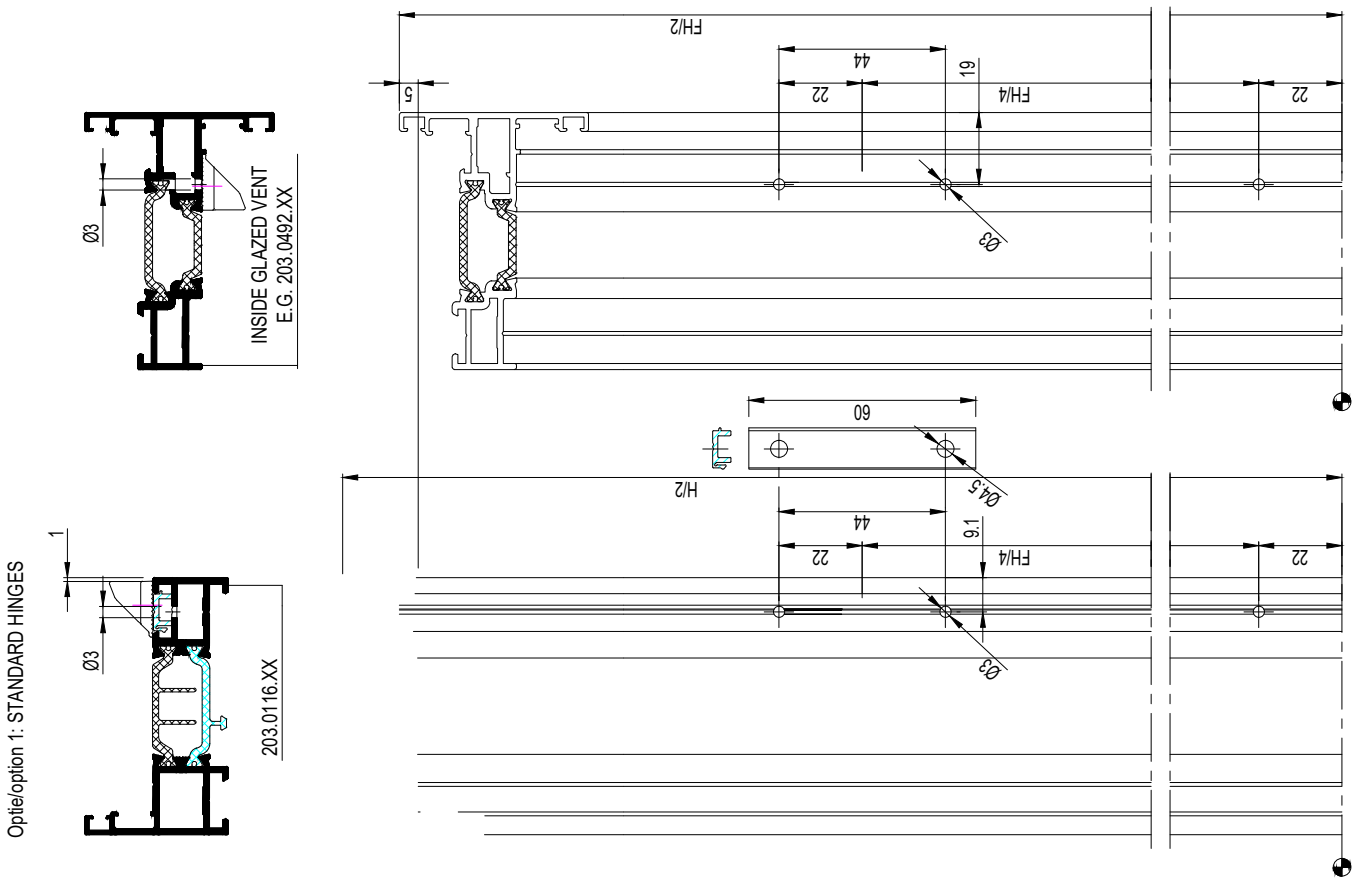
* VARIANT / VARIANTE EGRESS 060.7049.SY



schaal - échelle
scale - Maßstab
1/2

MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .





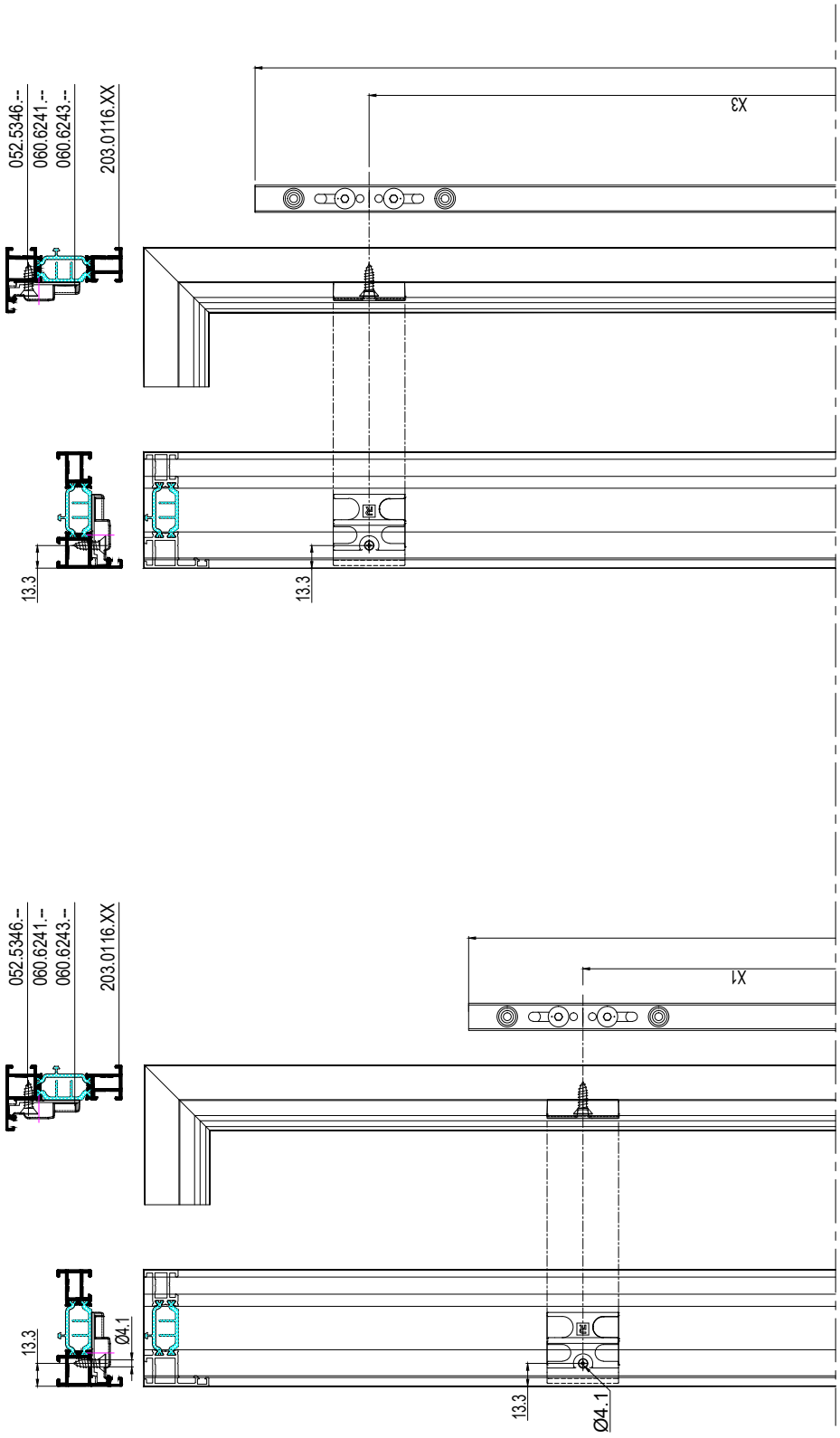
schaal - échelle
scale - Maßstab
1/2

F

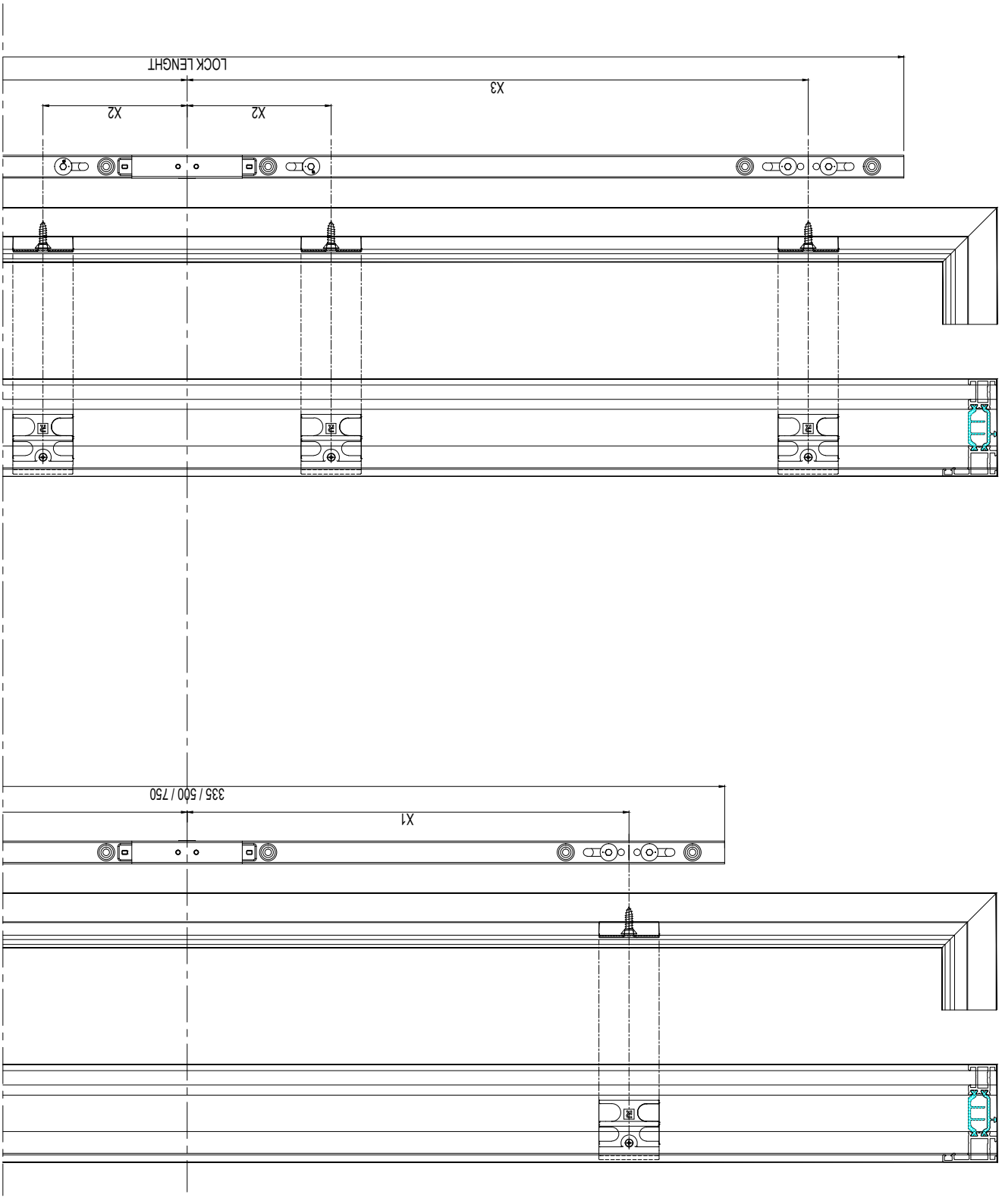
LOCK LENGHT	DIN L	DIN R	X1(mm)	X2(mm)	X3(mm)
335mm	061.7940.--	061.7965.--	101	-	-
500mm	061.7941.--	061.7966.--	183	-	-
750mm	061.7942.--	061.7967.--	308	-	-
1000mm	061.7943.--	061.7968.--	-	100.5	433
1250mm	061.7977.--	061.7978.--	-	100.5	558.25

5 MONTAGE / ASSEMBLY 060.6243.-- (060.6241.--*)

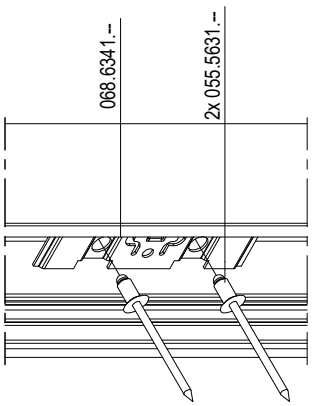
* ONLY USE FOR VENT HEIGHT 300-388MM

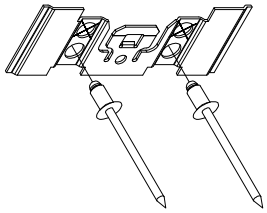


schaal - échelle
scale - Maßstab
1/4



schaal - échelle
scale - Maßstab
1/4



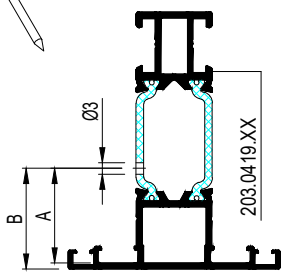


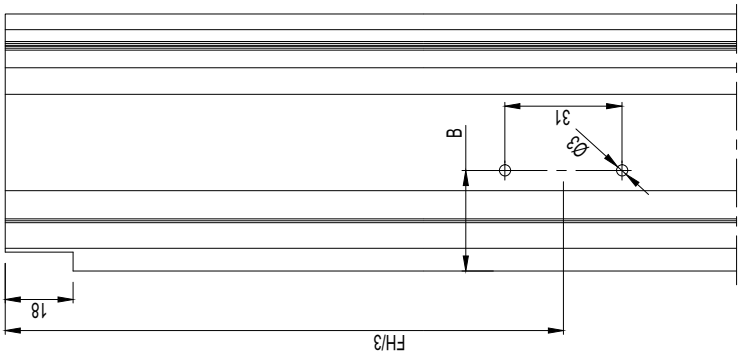
KADER / CADRE / FRAME / BLENDRAHMEN

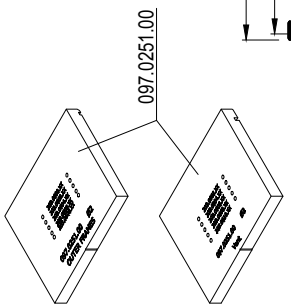
Glasdikte Epaisseur de vitrage Glazing thickness Glasdicke	A	B
26-28mm	25mm	26.6mm
29-32mm	29mm	30.6mm
33-36mm	33mm	34.6mm
37-40mm	37mm	38.6mm
41-43mm	40mm	41.6mm

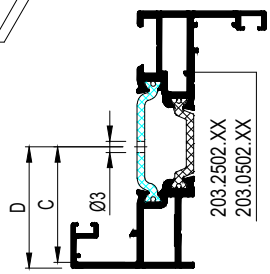
VLEUGEL / OUVRANT / VENT / FLUEGEL

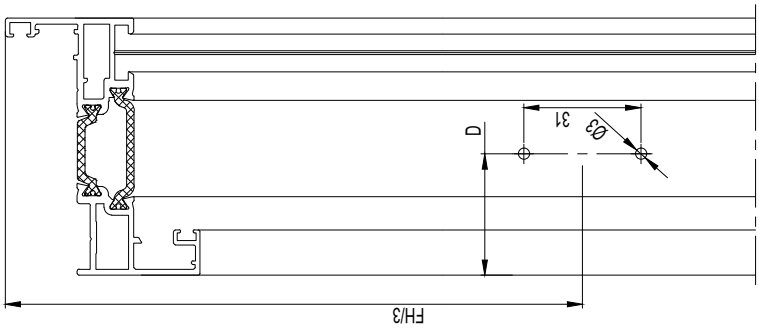
Glasdikte Epaisseur de vitrage Glazing thickness Glasdicke	C	D
26mm	26.5mm	28.1mm
27-30mm	30.5mm	32.1mm
31-34mm	34.5mm	36.1mm
35-38mm	38.5mm	40.1mm
39-42mm	42.5mm	44.1mm

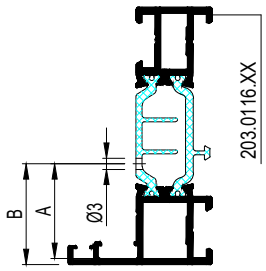


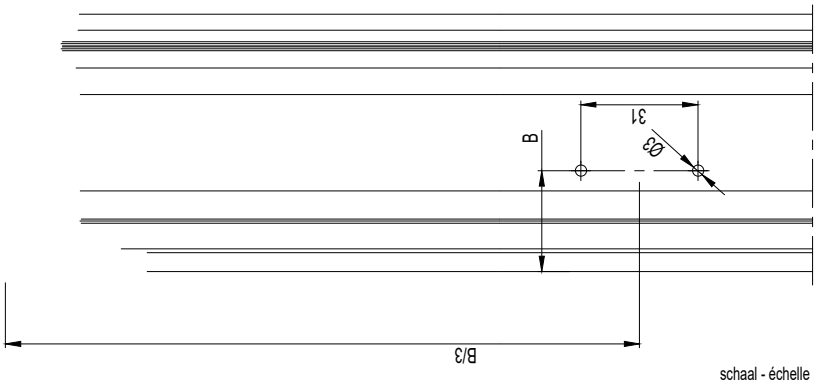












6 MONTAGE / ASSEMBLY 068.6341.--

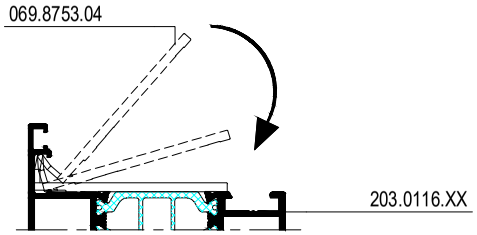
097.0251.00

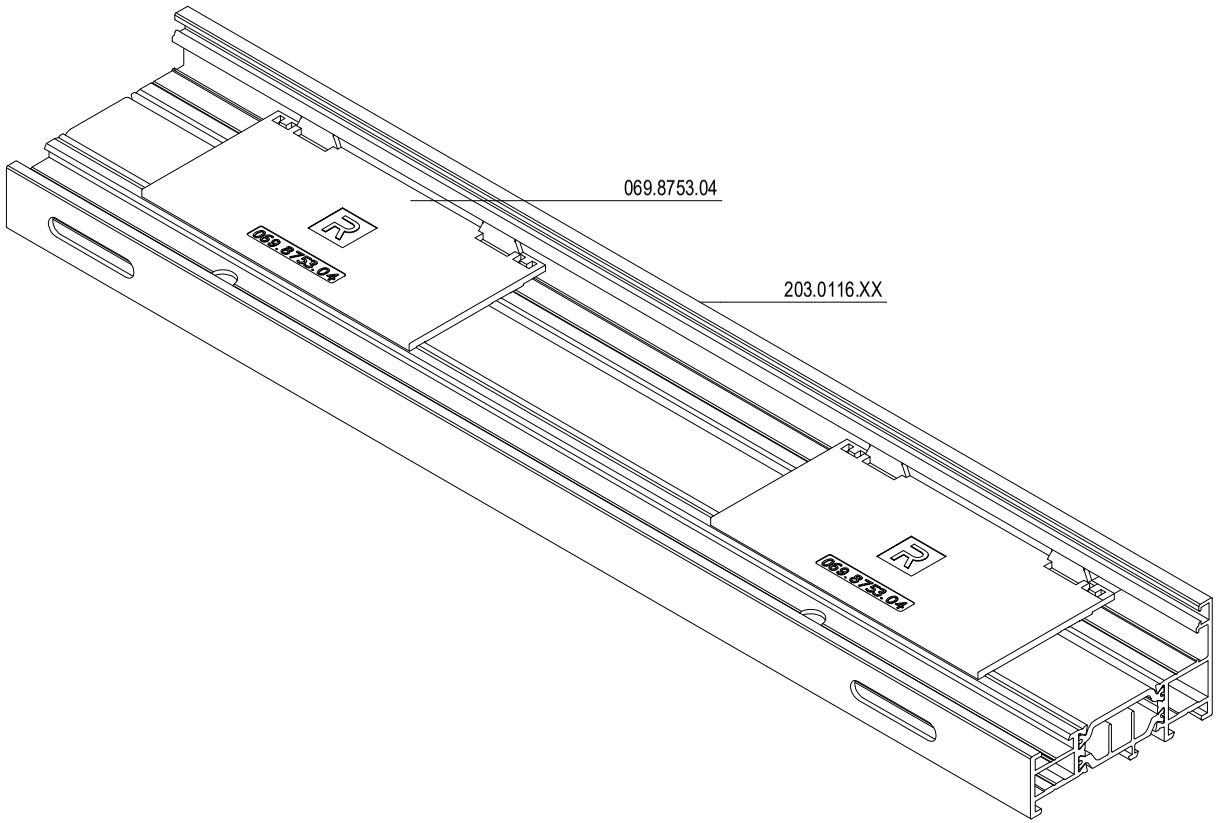
schaal - échelle
scale - Maßstab
1/2

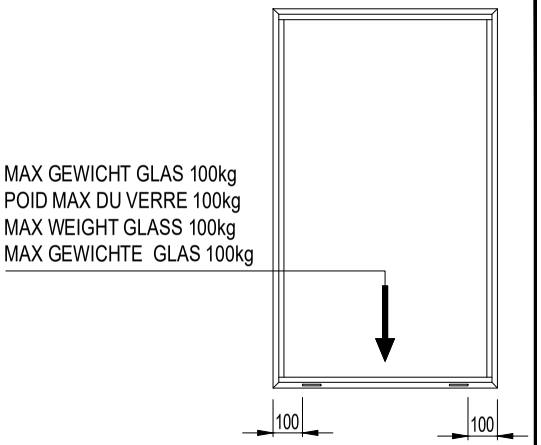
F

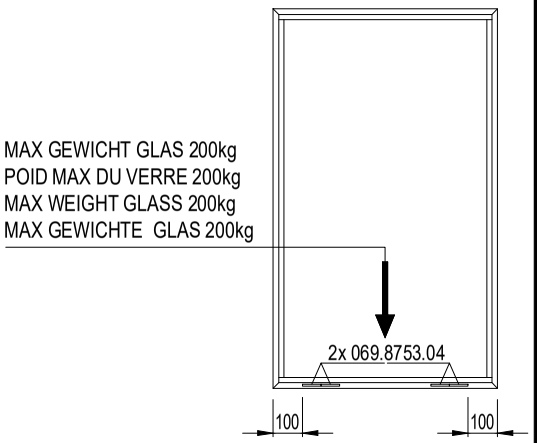
MONTAGEVOLGORDE ACCESSOIRES
ORDRE DE MONTAGE ACCESSOIRES
ORDER OF ASSEMBLY ACCESSORIES
RIEHENFOLGE VON MONTAGE ZUBEHOR

7 MONTAGE 069.8753.04



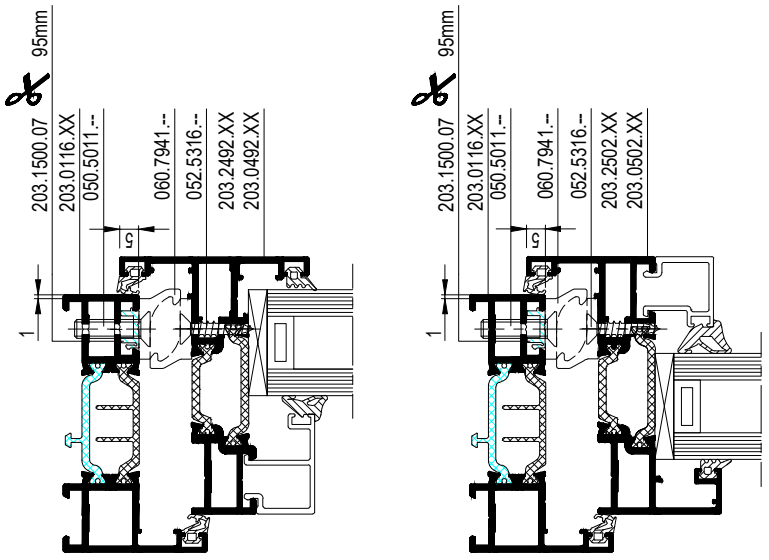




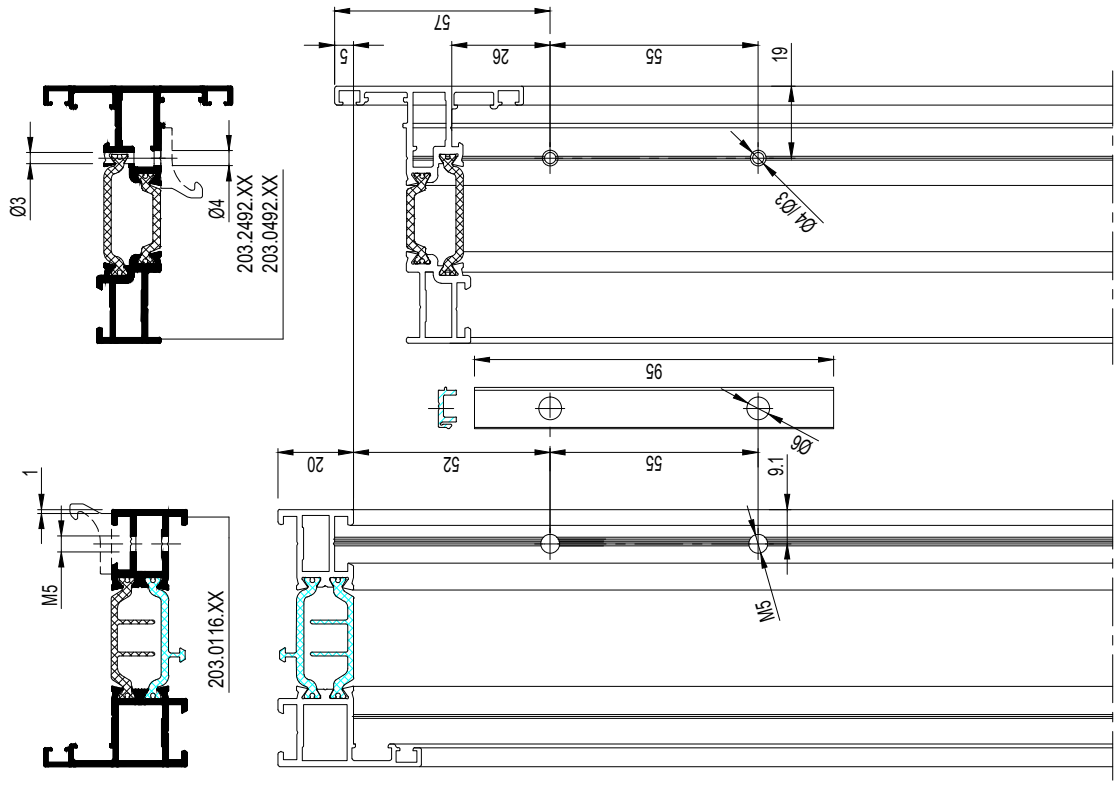


MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

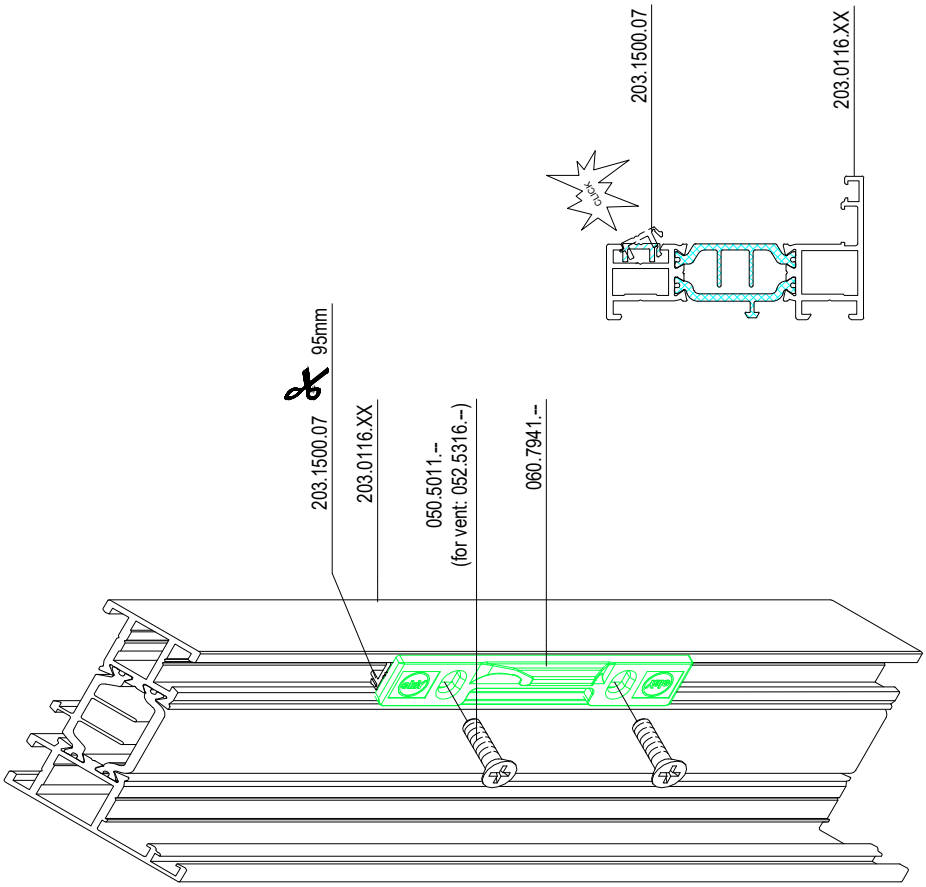
schaal - échelle
scale - Maßstab
1/2



3 MONTAGE / ASSEMBLY 060.7941.-- (PAS24)



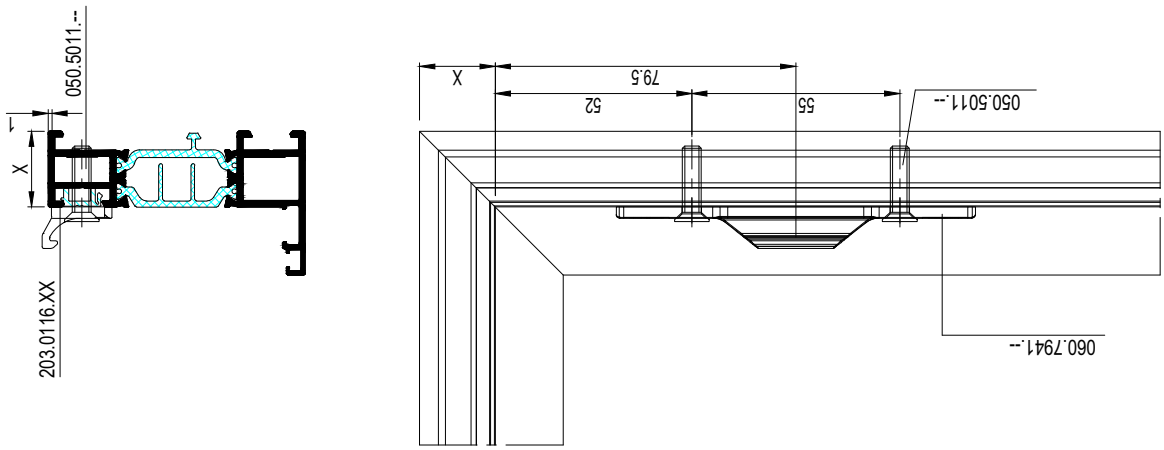
schaal - échelle
scale - Maßstab
1/2

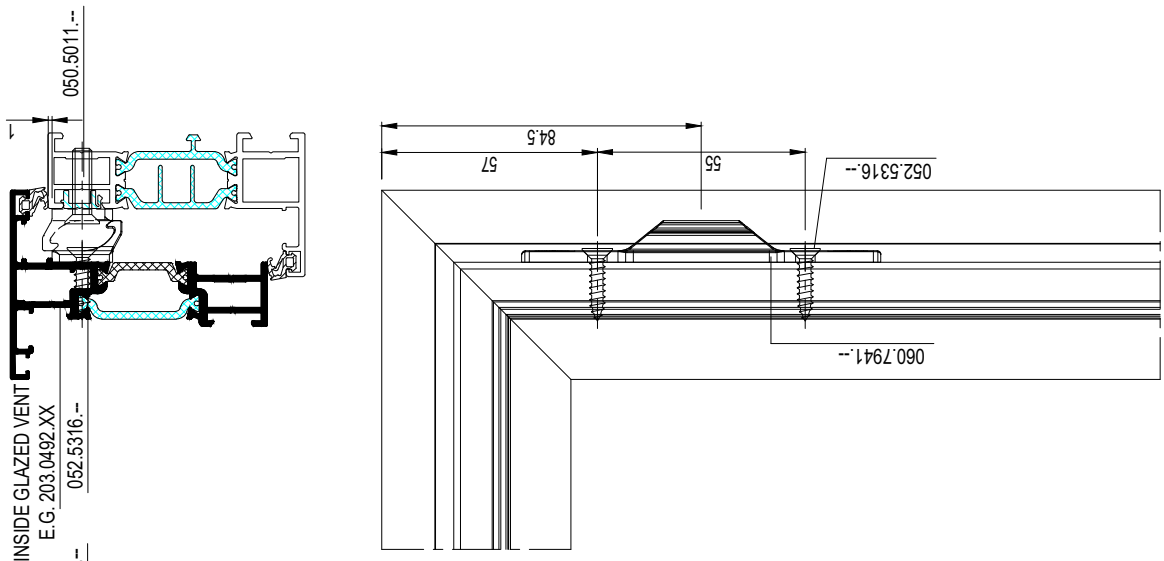


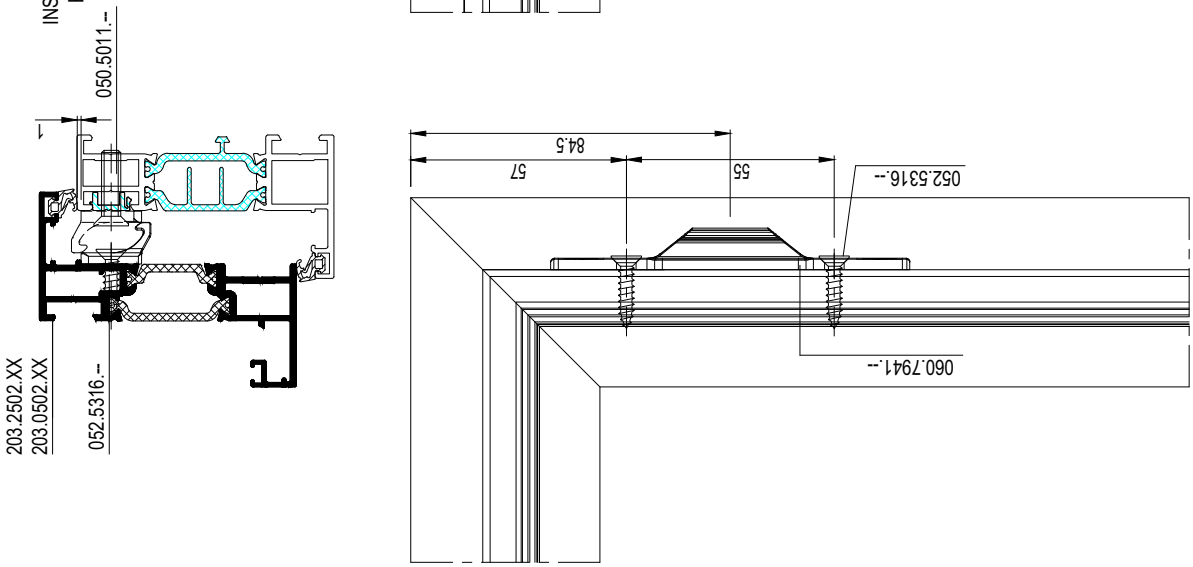
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

F

schaal - échelle
scale - Maßstab
1/2







F

schaal - échelle
scale - Maßstab
1/2

MONTAGEVOLGORDE ACCESSOIRES PAS24
ORDRE DE MONTAGE ACCESSOIRES PAS24
ORDER OF ASSEMBLY ACCESSORIES PAS24
RIEHENFOLGE VON MONTAGE ZUBEHOR PAS24

Reynaers Aluminium

F

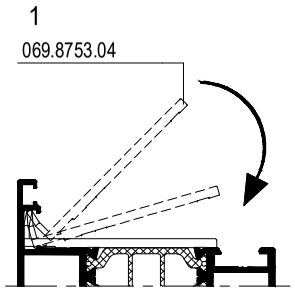
schaal - échelle
scale - Maßstab
1/2

8

MONTAGE / ASSEMBLY
068.6340.--

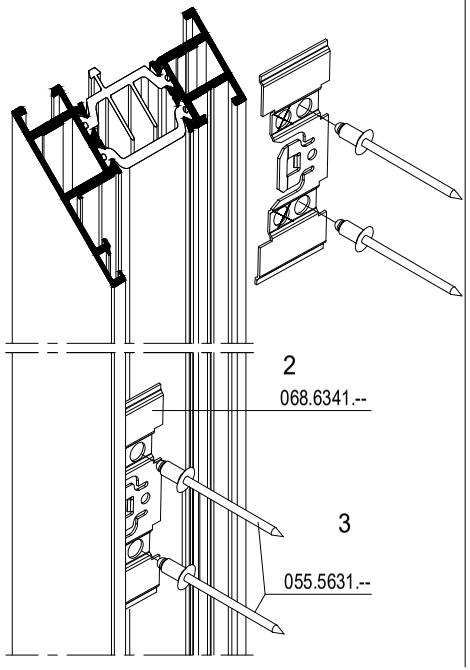
1

Aanbrengen glassteun
Mise en place support cale de vitrage
Insert glazing support
Montage Klotzbrücke



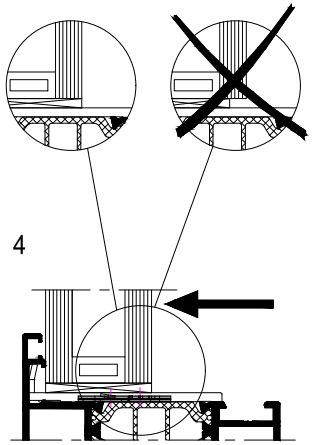
2 3

Aanbrengen glasklips 068.6341.-- + 052.5379.--
Mise en place clippe de vitrage 068.6341.-- + 052.5379.--
Insert glazing clip 068.6341.-- + 052.5379.--
Montage glasklemme 068.6341.-- + 052.5379.--



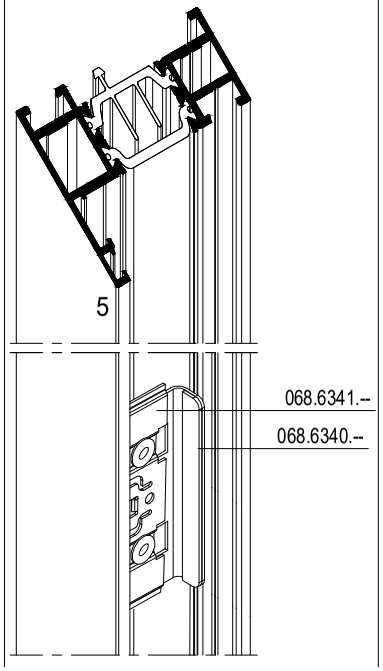
4

Glasplaatsing
Pose de vitrage
Pos. of glass panels
Verklotzung



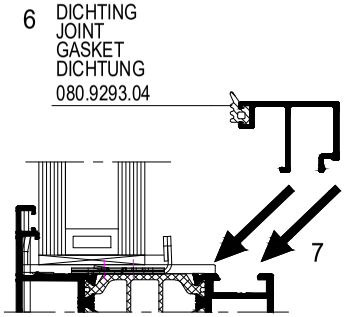
5

Aanbrengen glasklips 068.6340.--
Mise en place clippe de vitrage 068.6340.--
Insert glazing clip 068.6340.--
Montage glasklemme 068.6340.--



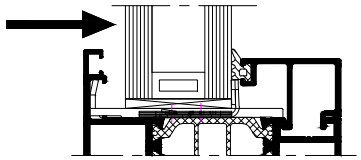
6 7

Aanbrengen van dichting en glaslatten
Mise en place joint et mettre en place les parcloses
Insert gasket and clip in beads
Montage dichtung und Montage Glasleisten



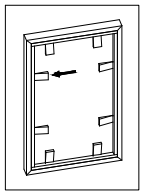
8

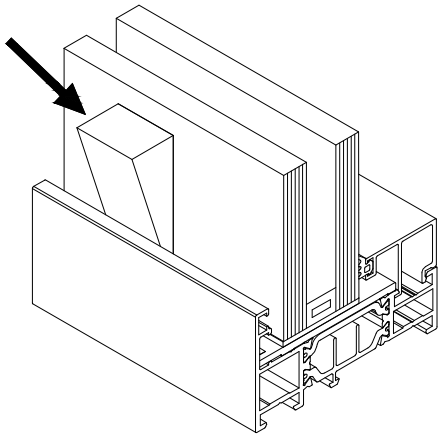
Glas tegen glaslat
Vitrage contre le parclose
Glass against glazing bead
Glas gegen Glasleiste



9

Plaatsen glas opspieën
Pose des cales
Insert glass spacers
Scheibe





Gereedschap in hout of PVC vergemakkelijkt het plaatsen

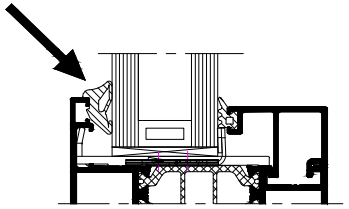
Outillage en bois ou PVC facilite le montage

A wooden or PVC spacer can be used to insert glazing gasket

Hilfskeile aus Holz oder Kunststoff verringern die Montagezeiten

10

Aanbrengen van dichting
Mise en place joint
Insert gasket
Montage Dichtung



STEUNBLOKJES-CALE DE SUPPORT DE VITRAGE-SUPPORT BLOCKS-TRAGKLOTZE

Het aantal en de plaats van de steunblokjes wordt bepaald door de STS 38.03.
Een overzicht:

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

The number and position of the supports blocks is defined by the STS 38.03.
Survey:

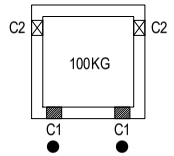
Die Anzahl und die Position der Tragklötze bzw. Verglasungsklötze wird durch Verarbeitungsvorschriften der Isolierglasindustrie und technische Richtlinien des Glaserhandwerks vorgegeben.
Übersicht:

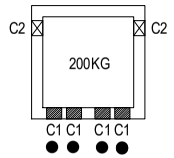
MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

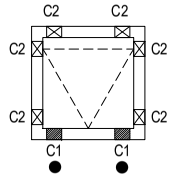
MAX GEWICHT GLAS 100/200KG OP T-PROFIEL & KADER
POID MAX VERRE 100/200KG SUR TRAVERSE & CADRE
MAX WEIGHT GLASS 100/200KG ON TRANSOM-MULLION & FRAME
MAX GEWICHTE GLAS 100/200KG AUF SPROSSE & BLENDRAHMEN

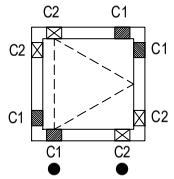
C2 stelblokje / cale d'ajustement / adjusting block / Distanzklötze

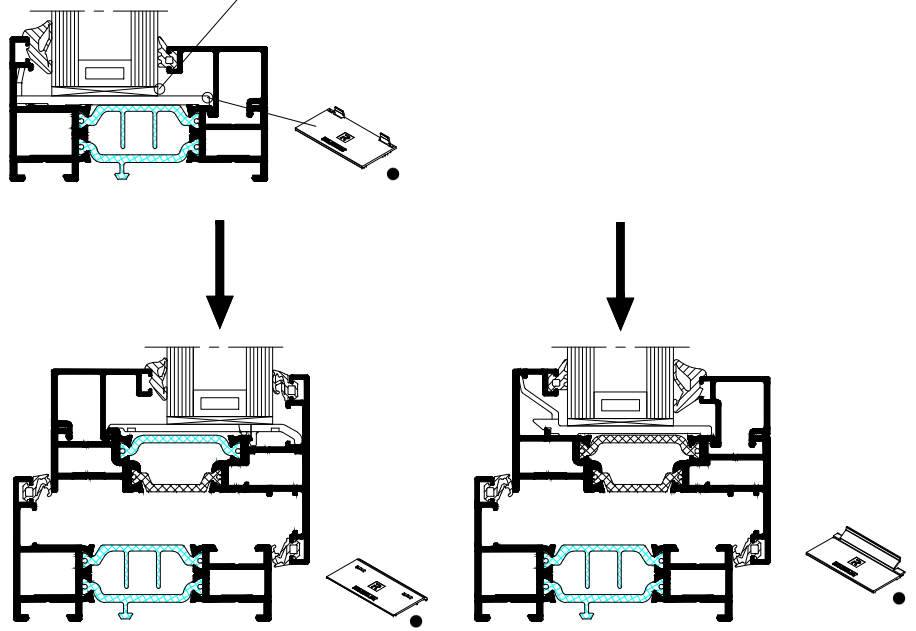
C1 steunblokje / cale de support de vitrage / support block / Tragklötze











Glass Supports : ●

C1: Steunblokjes-Cale de supports de vitrage-Supports blocks-Tragklötze

Deze steunblokjes 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 cales de 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.

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

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

C2: Stelblokjes-Cales d'ajustement-Adjusting blocks-Distanzklötze:

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.

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.

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

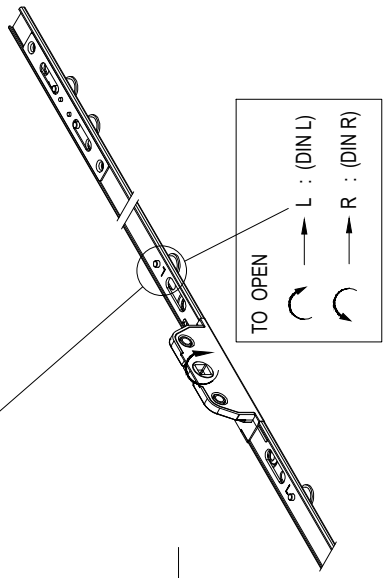
Beglazing kan gebeuren met EPDM-rubbers of met een elastische kitvoeg.

Le vitrage peut être fait à l'aide de joints en EPDM ou de mastic.

Glazing can be done by means of EPDM gaskets or an elastic sealant.

Die Verglasung kann mittels EPDM-Dichtungen oder spritzbarer Dichtstoffen und Vorlegeband erfolgen.

X	DIN L/R	FH (mm)	A(mm)	B(mm)	C(mm)	D(mm)
061.7965.--	R	390-639	335	113	-	88.5
061.7966.--	R	640-889	500	113	82.5	88.5
061.7967.--	R	890-1139	750	113	207.5	88.5
061.7968.--	R	1140-1389	1000	113	332.5	88.5
061.7978.--	R	1390-1530	1250	113	457.5	88.5
061.7940.--	L	390-639	335	113	-	88.5
061.7941.--	L	640-889	500	113	82.5	88.5
061.7942.--	L	890-1139	750	113	207.5	88.5
061.7943.--	L	1140-1389	1000	113	332.5	88.5
061.7977.--	L	1390-1530	1250	113	457.5	88.5



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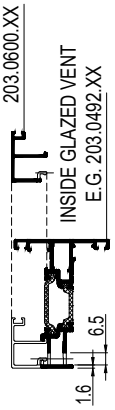
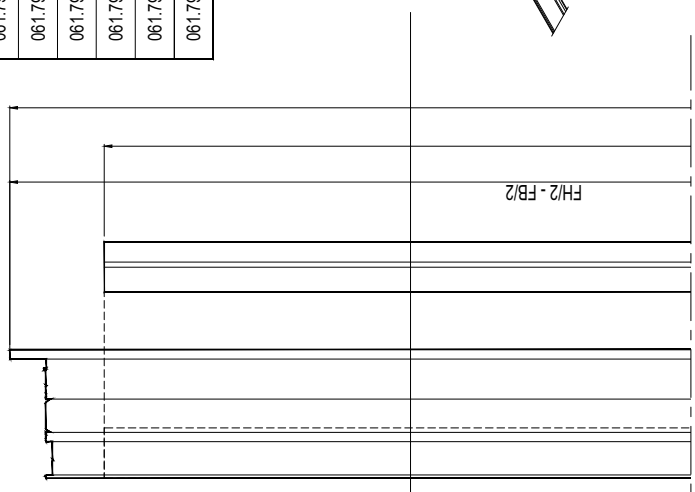
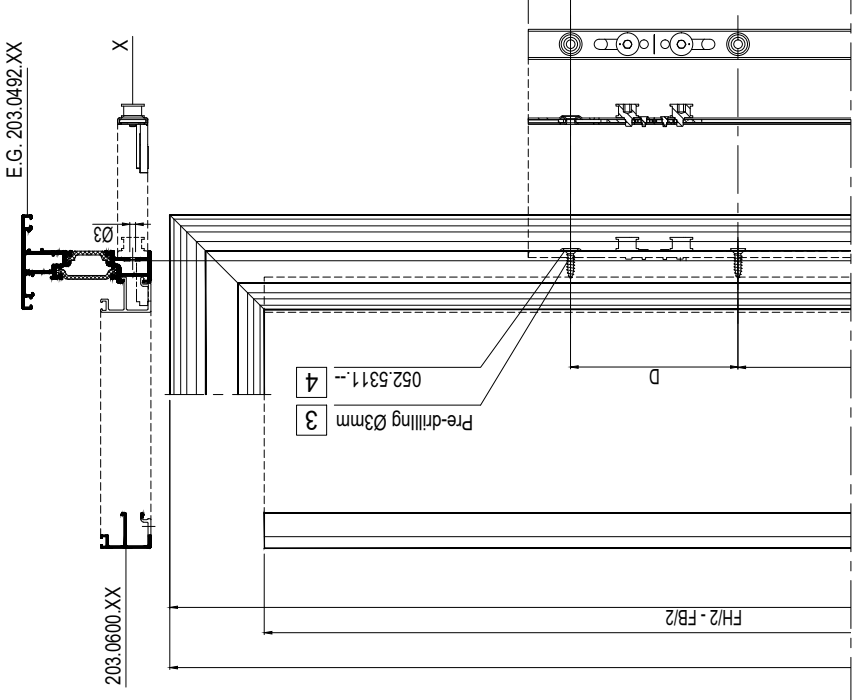
	-	203.0492.XX 203.2492.XX 203.1014.XX 203.1314.XX	
	095.C300.00 095.E010.00 095.E000.00	-	
	095.B300.00	-	
	-	-	







9 MONTAGE / ASSEMBLY 061.7965.-- / ...

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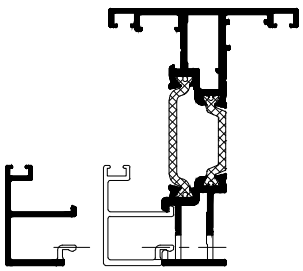
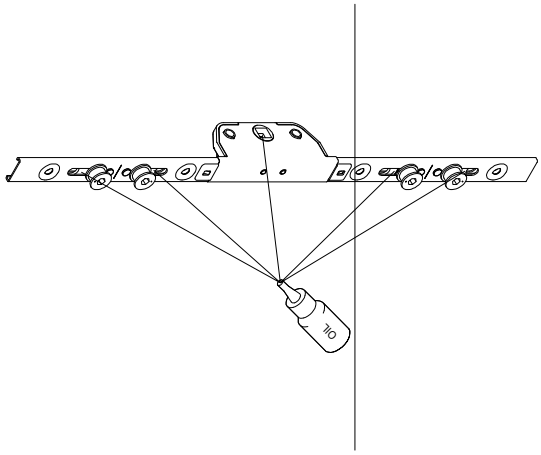
	-		
	097.0152.00		

schaal - échelle
scale - Maßstab
1/4



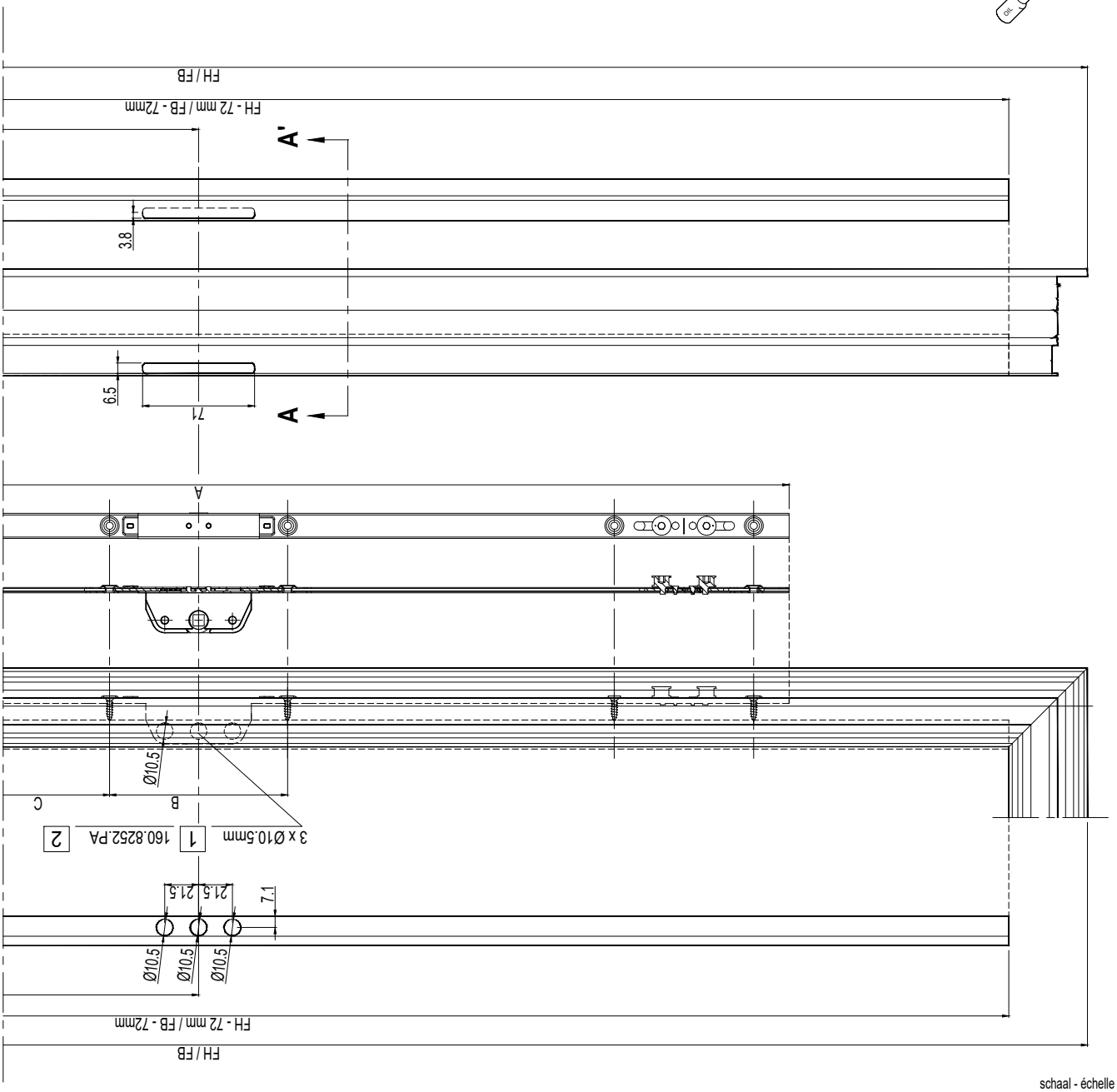
Detail AA'
scale 1/2



**PREFERENCE OF LUBRICANT = "3 IN ONE MULTI-PURPOSE OIL"
FROM WD - 40 COMPANY**

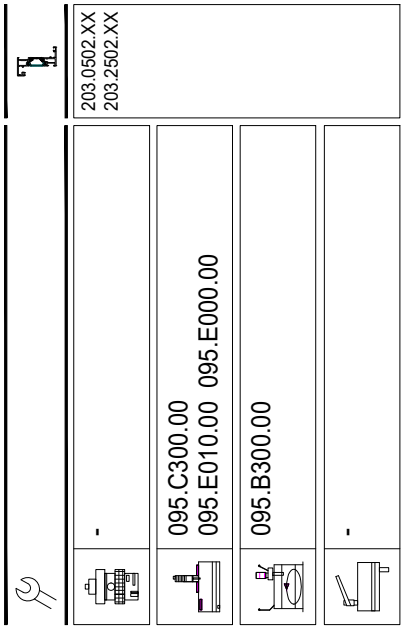
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

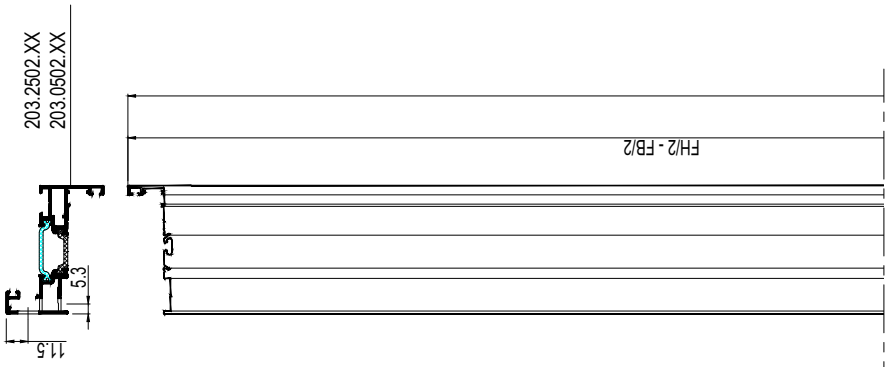
1 2 3 .

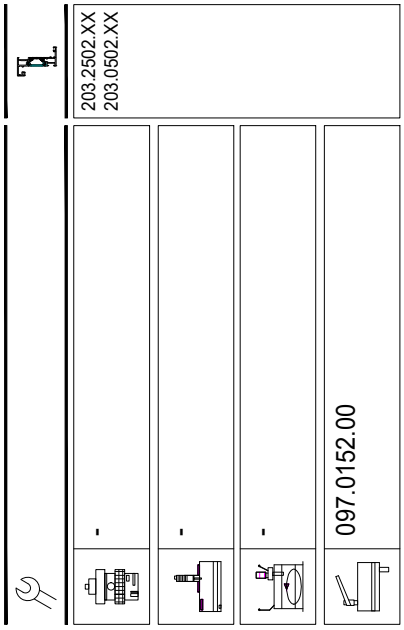


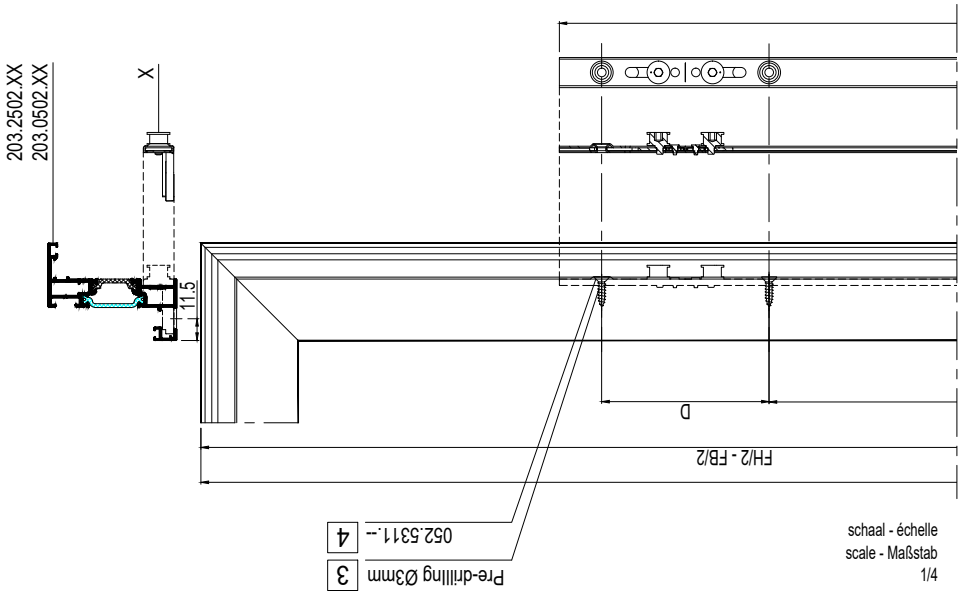
schaal - échelle
scale - Maßstab
1/4

F





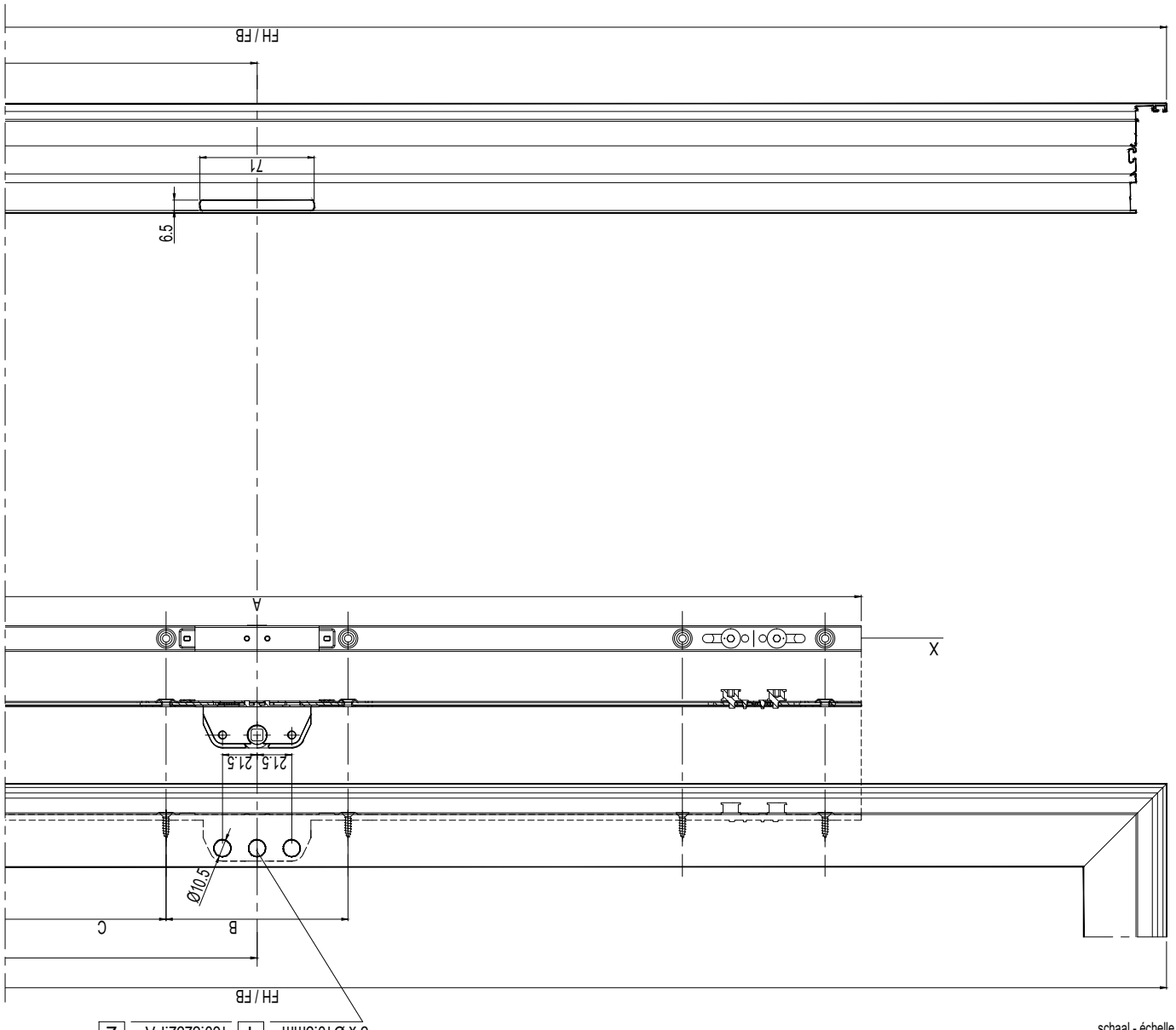




schaal - échelle
scale - Maßstab
1/4

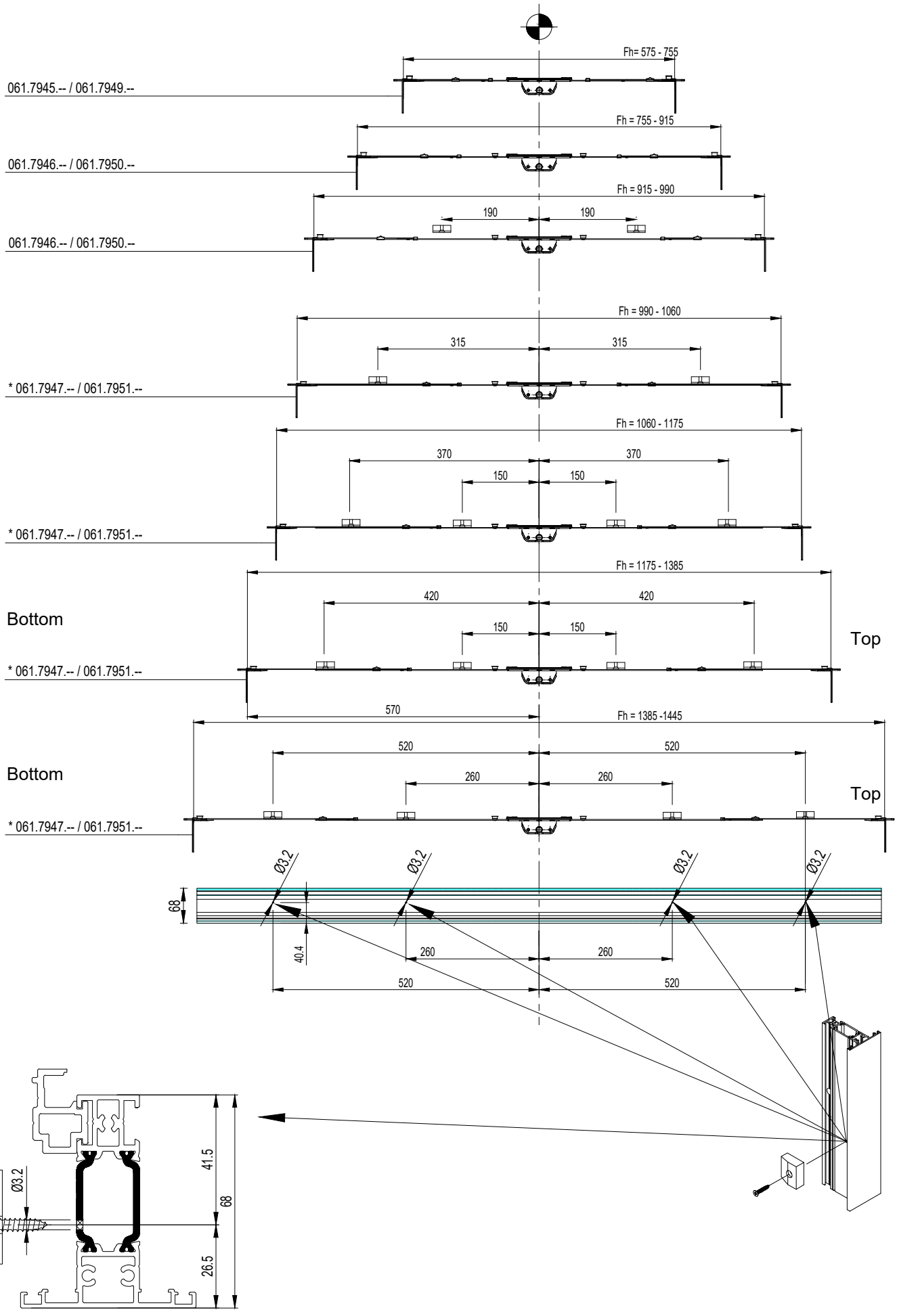
F

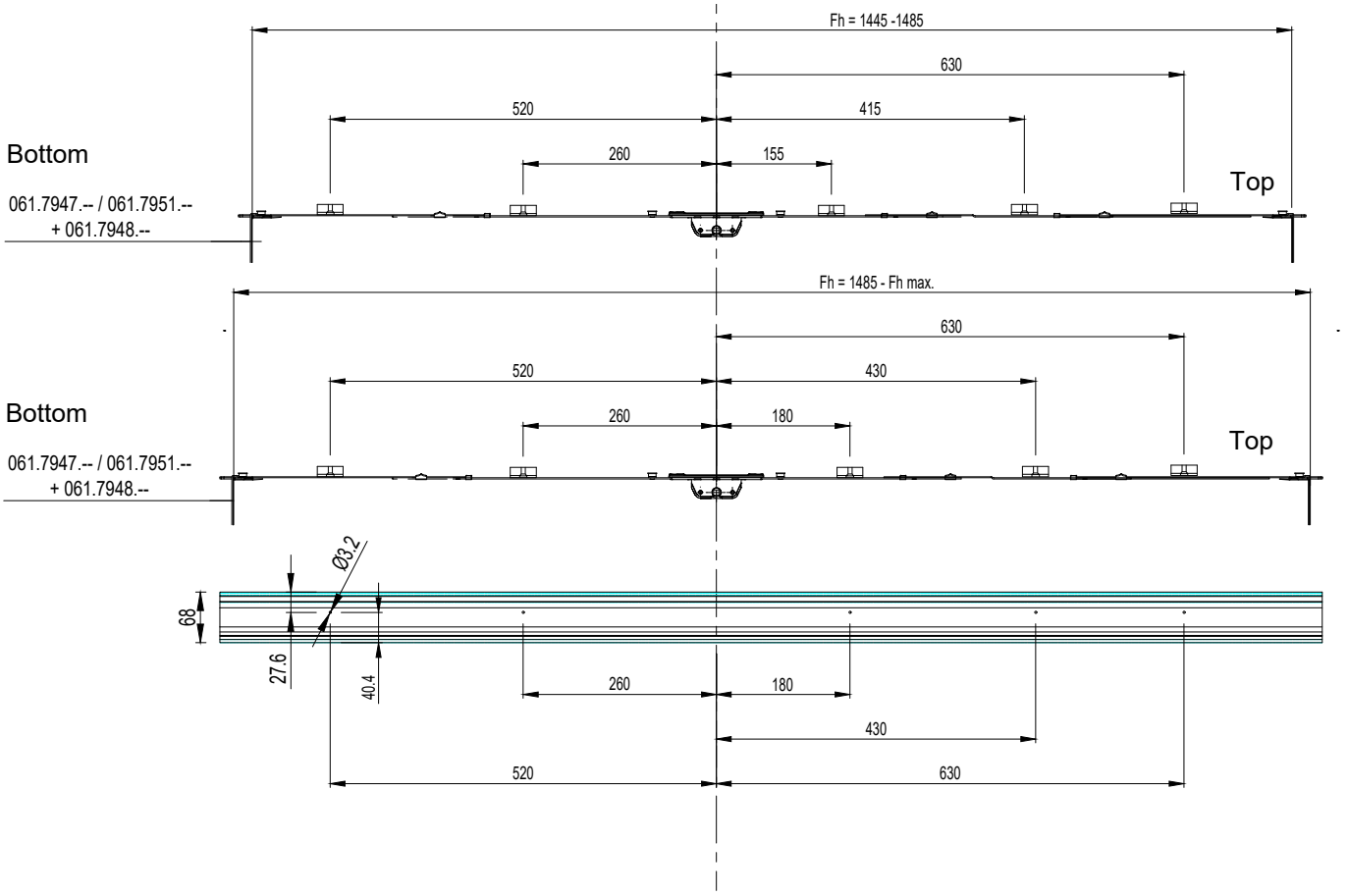
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

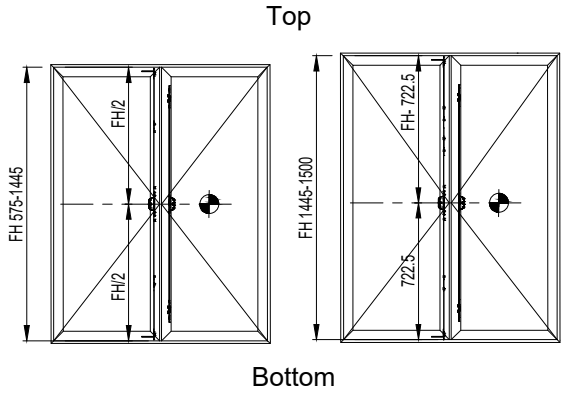


schaal - échelle
scale - Maßstab
1/4

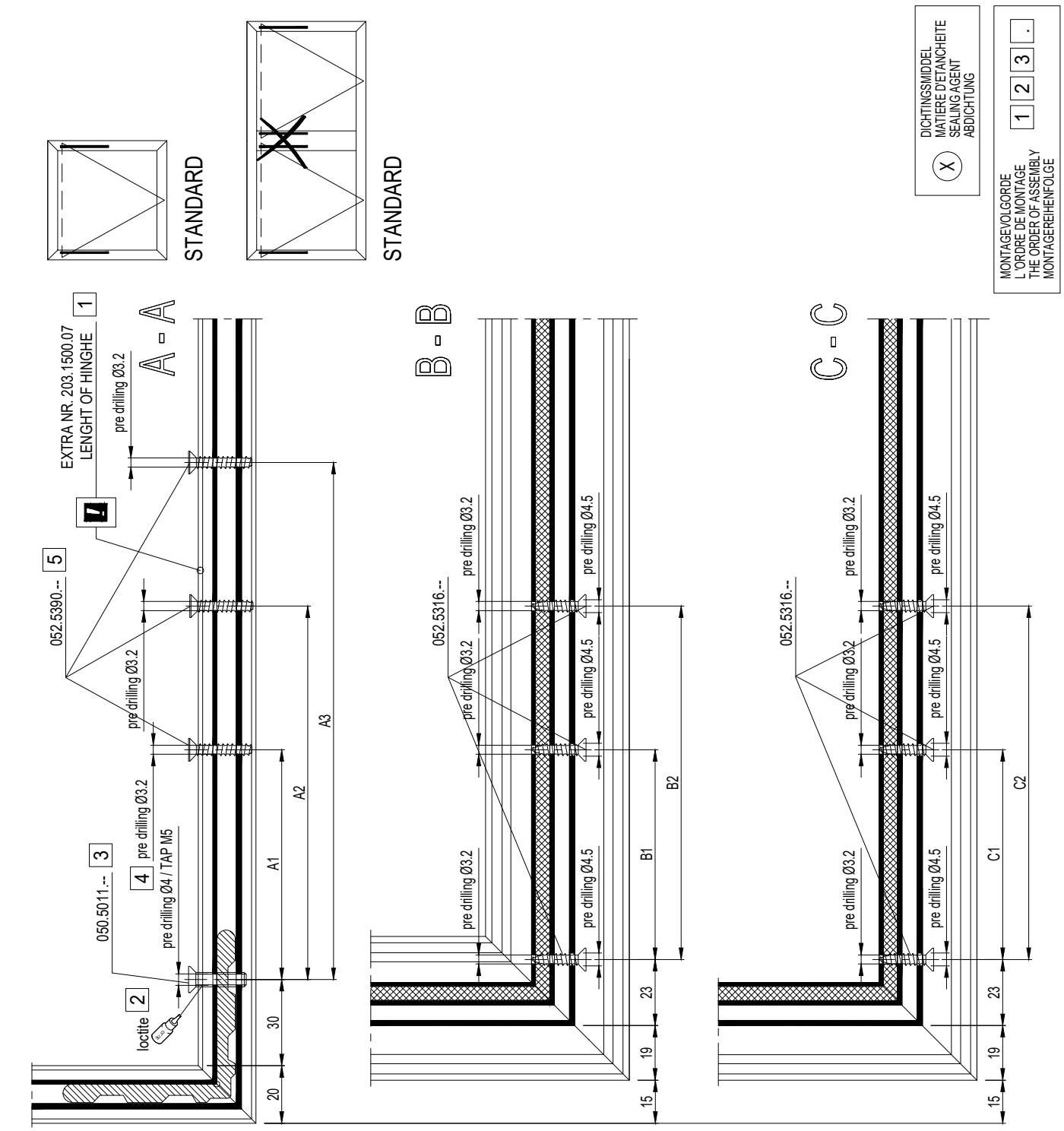
F

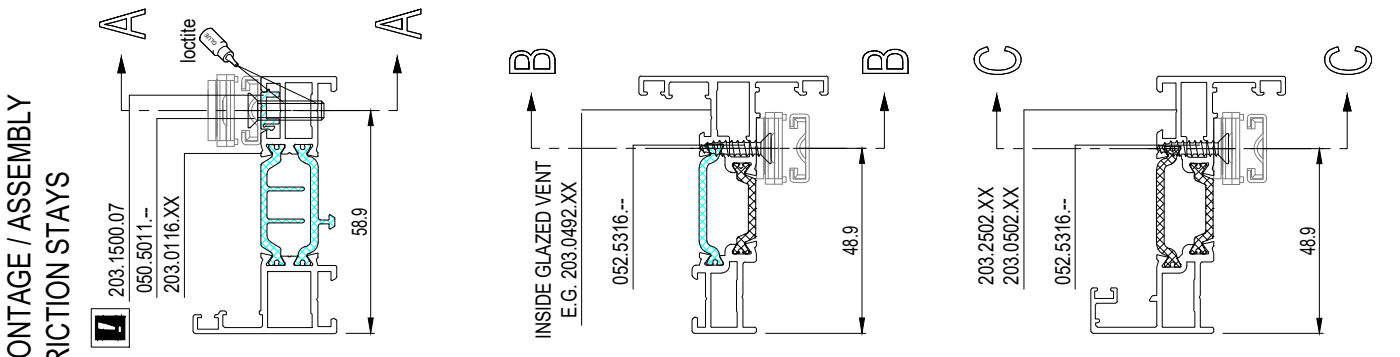

Fh= 575 - 755
061.7945.-- / 061.7949.--
Fh = 755 - 915
061.7946.-- / 061.7950.--
Fh = 915 - 990
190
190
061.7946.-- / 061.7950.--
Fh = 990 - 1060
315
315
* 061.7947.-- / 061.7951.--
Fh = 1060 - 1175
370
370
150
150
* 061.7947.-- / 061.7951.--
Fh = 1175 - 1385
420
420
150
150
Bottom
Top
* 061.7947.-- / 061.7951.--
570
Fh = 1385 -1445
520
520
260
260
Bottom
Top
* 061.7947.-- / 061.7951.--
Ø3.2
Ø3.2
Ø3.2
Ø3.2
68
40.4
260
260
520
520
Ø3.2
41.5
68
26.5





FH	Left hand	Right hand
575-755	061.7945.--	061.7949.--
755-990	061.7946.--	061.7950.--
990-1445	061.7947.--	061.7951.--
1445-1500	061.7947.-- + 061.7948.--	061.7951.-- + 061.7948.--





MONTAGE / ASSEMBLY
FRICTION STAYS

schaal - échelle
scale - Maßstab
1/2

SCHAREN "STANDAARD"
COMPAS "STANDARD"
FRICTION STAYS "STANDARD"
SCHERE "STANDARD"

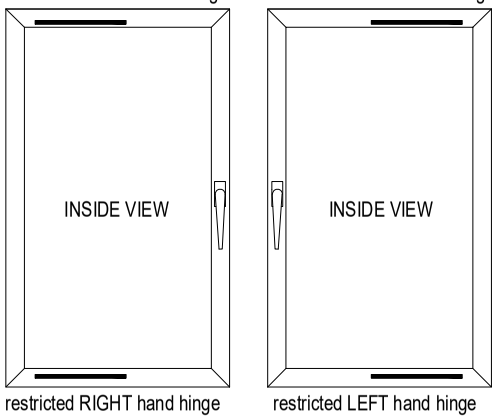
NOT RESTRICTED

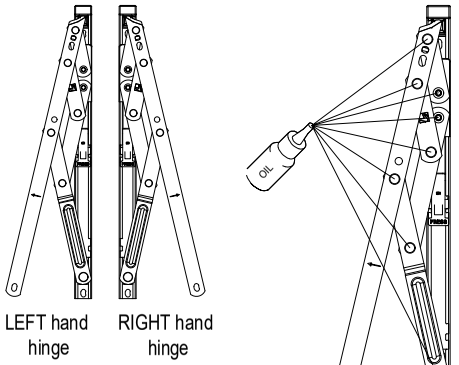
	PAIR / or PIECE RESTRICTED LEFT / RIGHT	SIZE (mm/inches)	MAX. VENT WEIGHT (kg/lb)	MIN. VENT HEIGHT (mm)	MAX. VENT HEIGHT (mm)	MIN. VENT WIDTH (mm)	MAX. VENT WIDTH (mm)	OPENING ANGLE (°)	AISI	A1	A2	A3	B1	B2	C2	C2
TOP HUNG																
060.8860.--	PAIR	259/10	16/35	300	387	390	1200	80°	430	180	223		32	153	32	153
060.8861.--	PAIR	310/12	20/44	388	537	390	1200	80°	430	209.5	274		47	188	47	188
060.8863.--	PAIR	412/16	21/46	538	780	390	1200	80°	430	281	376		106	229	106	229
060.8865.--	PAIR	513/20	26/57	738	887	390	1200	50°	430	247	477		170.5	272	170.5	272
060.8867.--	PAIR	615/24	40/88	888	1200	390	1200	37.5°	430	195	579		220.5	322.5	220.5	322.5
060.8869.--	PAIR	615/24	50/110	888	1470	390	1200	32°	430	195	525	579	220.5	263	220.5	263
060.8871.--	PAIR	259/10	16/35	300	387	390	1200	80°	304	180	223		32	153	32	153
060.8872.--	PAIR	310/12	20/44	388	537	390	1200	80°	304	209.5	310		47	188	47	188
060.8874.--	PAIR	412/16	21/46	538	780	390	1200	80°	304	281	376		106	229	106	229
060.8771.--	PAIR	513/20	26/57	738	887	390	1200	50°	304	247	477		170.5	272	170.5	272
060.8773.--	PAIR	615/24	40/88	888	1200	390	1200	37.5°	304	195	579		220.5	322.5	220.5	322.5
060.8870.--	PAIR	615/24	50/110	888	1470	390	1200	32°	304	195	525	579	220.5	263	220.5	263
SIDE HUNG																
060.8960.--	PAIR	310/12	22/48	390	1300	**358** *	600	60°	430	195	274		231	245	231	245
060.8962.--	PAIR	412/16	24/53	390	1300	**458** *	738	60°	430	210	327	376	106	322.5	106	322.5
060.8968.-**	PAIR	412/16	40/88	390	1300	**458** *	738	60°	304	192	338		92	297	92	297
060.8775.--	PAIR	310/12	22/48	390	1300	**358** *	600	60°	304	195	274		231	245	231	245
060.8778.--	PAIR	412/16	24/53	390	1300	**458** *	738	60°	304	209.5	327	376	106	322.5	106	322.5
SIDE HUNG - SP SUFFIXED																
060.8956.--	PIECE R.	412/16	30/66	390	1300	**458** *	738	90°	304	265	338		101	314	101	314
060.8966.--	PIECE L.	412/16	30/66	390	1300	**458** *	738	90°	304	265	338		101	314	101	314

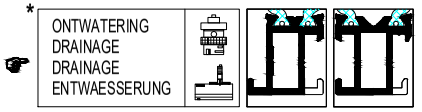
RESTRICTED

	PAIR / or PIECE RESTRICTED LEFT / RIGHT	SIZE (mm/inches)	MAX. VENT WEIGHT (kg/lb)	MIN. VENT HEIGHT (mm)	MAX. VENT HEIGHT (mm)	MIN. VENT WIDTH (mm)	MAX. VENT WIDTH (mm)	OPENING ANGLE MAX / RESTRICTED (°)	AISI	A1	A2	A3	B1	B2	C1	C2
SIDE HUNG																
060.8951.--	PAIR R.	310/12	22/48	390	1300	**358** *	600	58°/13°	430	242.5	274		80	262.5	80	262.5
060.8961.--	PAIR L.	310/12	22/48	390	1300	**358** *	600	58°/13°	430	242.5	274		80	262.5	80	262.5
060.8953.--	PAIR R.	412/16	24/53	390	1300	**458** *	738	58°/11°	430		338	376	106	322.5	106	322.5
060.8963.--	PAIR L.	412/16	24/53	390	1300	**458** *	738	58°/11°	430		338	376	106	322.5	106	322.5
SIDE HUNG - SP SUFFIXED																
060.8957.--	PIECE R.	412/16	30/66	390	1300	**458** *	738	83°/12.5°	304	327	352.5		101	314	101	314
060.8967.--	PIECE L.	412/16	30/66	390	1300	**458** *	738	83°/12.5°	304	327	352.5		101	314	101	314

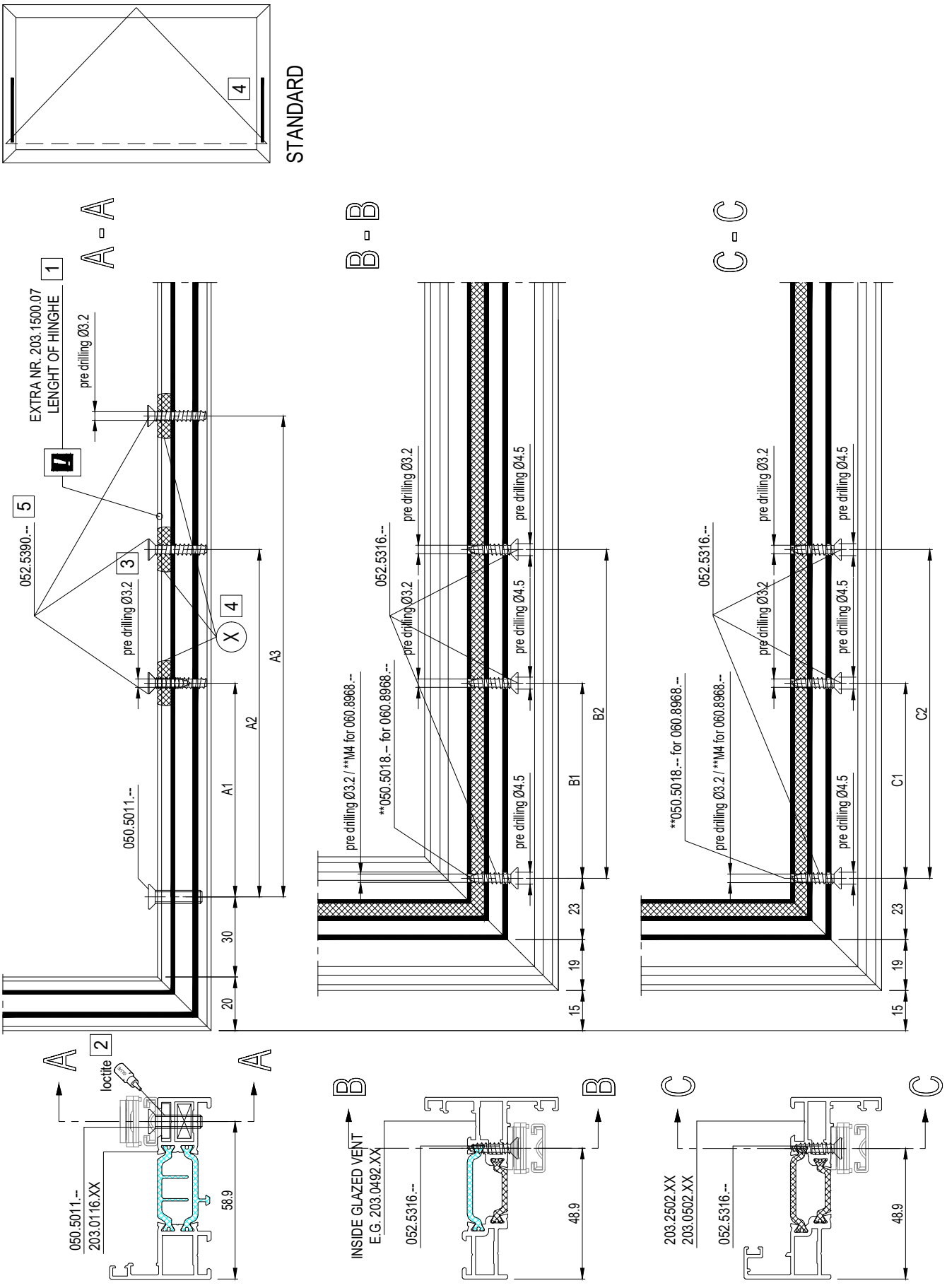
SIDE HUNG - RESTRICTED



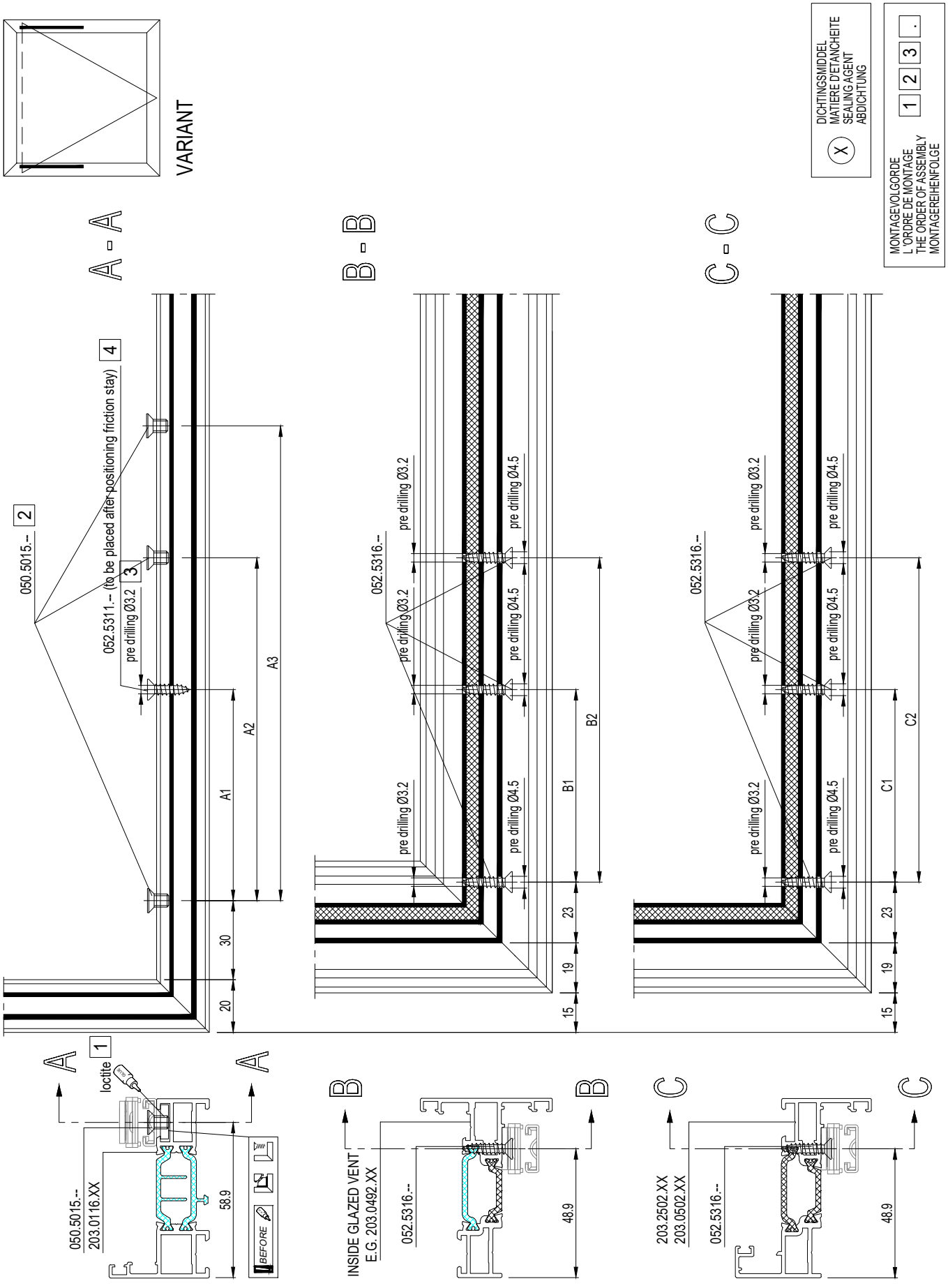


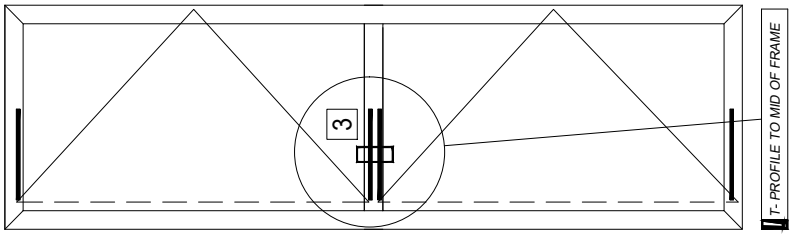


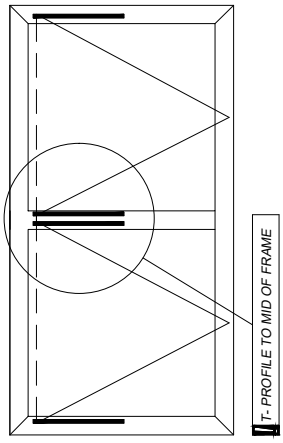
**PREFERENCE OF LUBRICANT = "3 IN ONE MULTI-PURPOSE OIL"
FROM WD - 40 COMPANY**

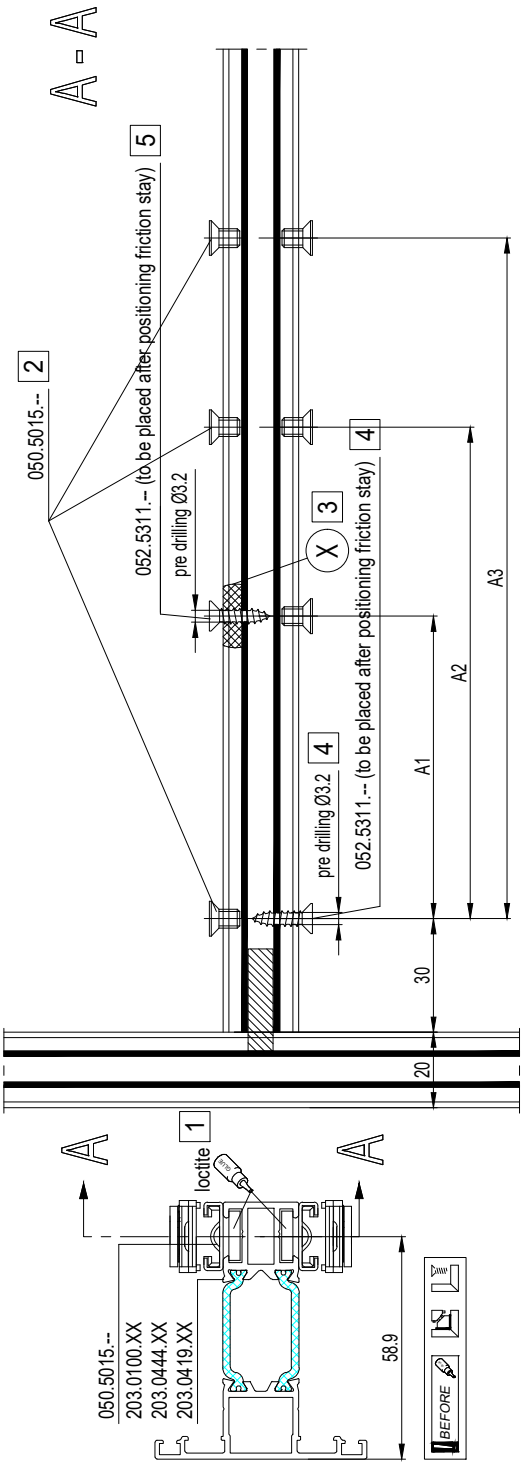


schaal - échelle
scale - Maßstab
1/2


VARIANT
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
X
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .
A - A
B - B
C - C
050.5015.-- 2
052.5311.-- (to be placed after positioning friction stay) 4
pre drilling Ø3.2 3
A1
A2
A3
30
20
052.5316.--
pre drilling Ø3.2
pre drilling Ø4.5
B1
B2
C1
C2
23
19
15
loctite 1
050.5015.--
203.0116.XX
58.9
BEFORE
INSIDE GLAZED VENT
E.G. 203.0492.XX
052.5316.--
48.9
203.2502.XX
203.0502.XX
052.5316.--
48.9

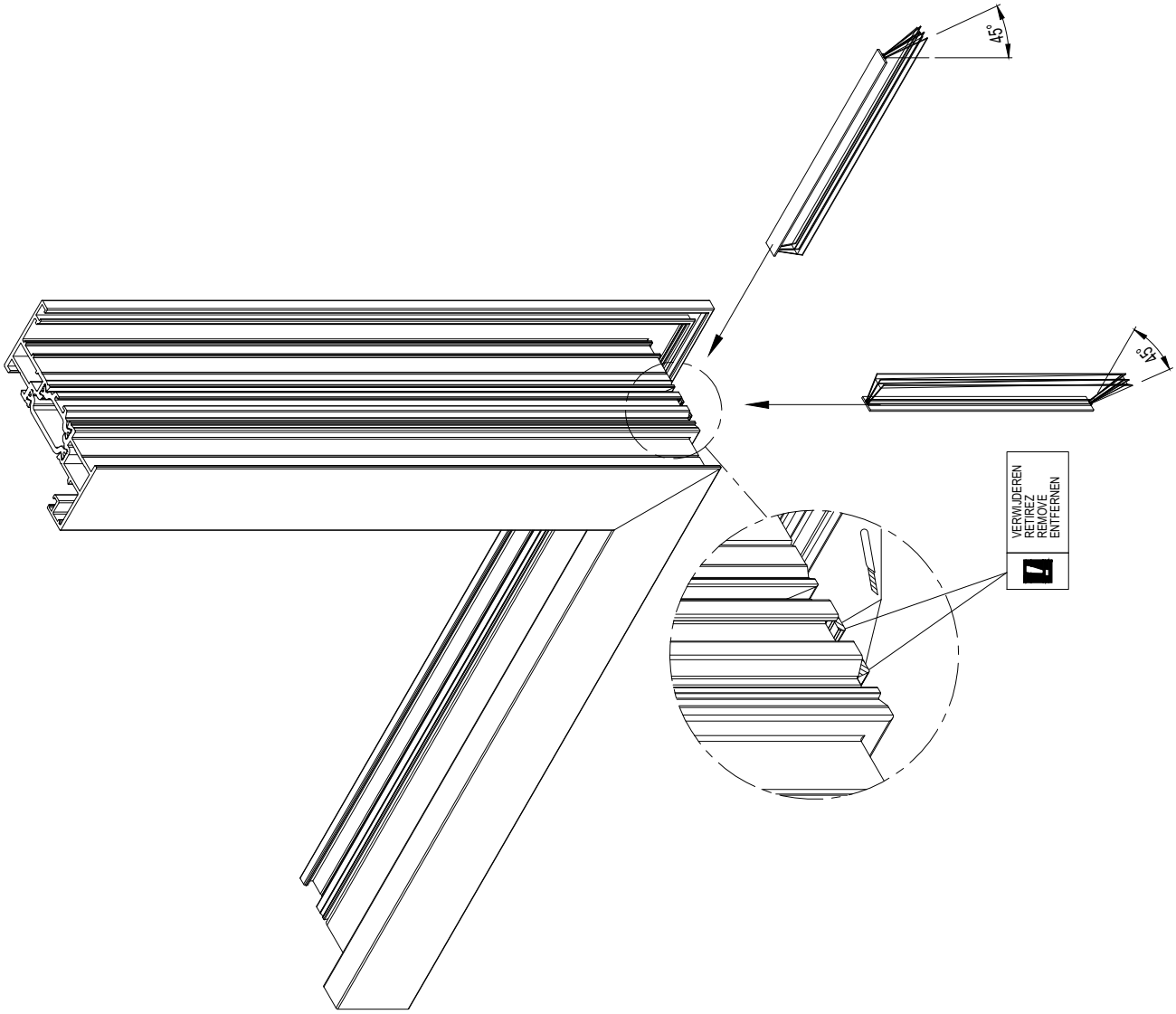


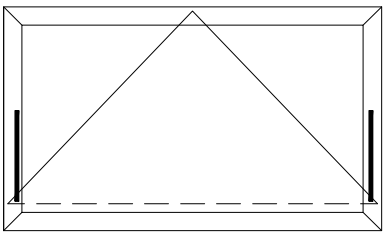




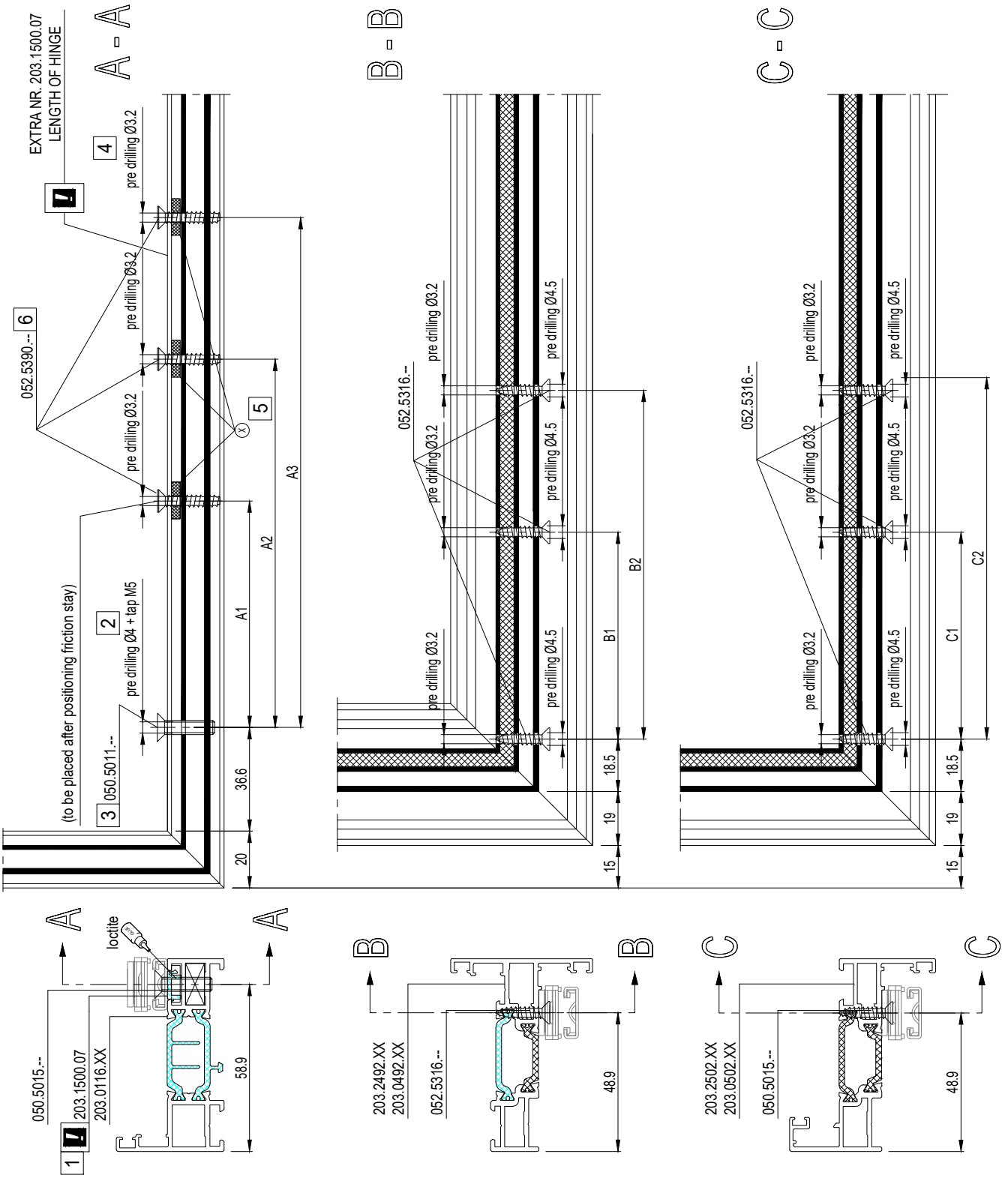
schaal - échelle
scale - Maßstab
1/2

F


45°
45°
VERWIJDEREN
RETIREZ
REMOVE
ENTFERNEN



DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
X

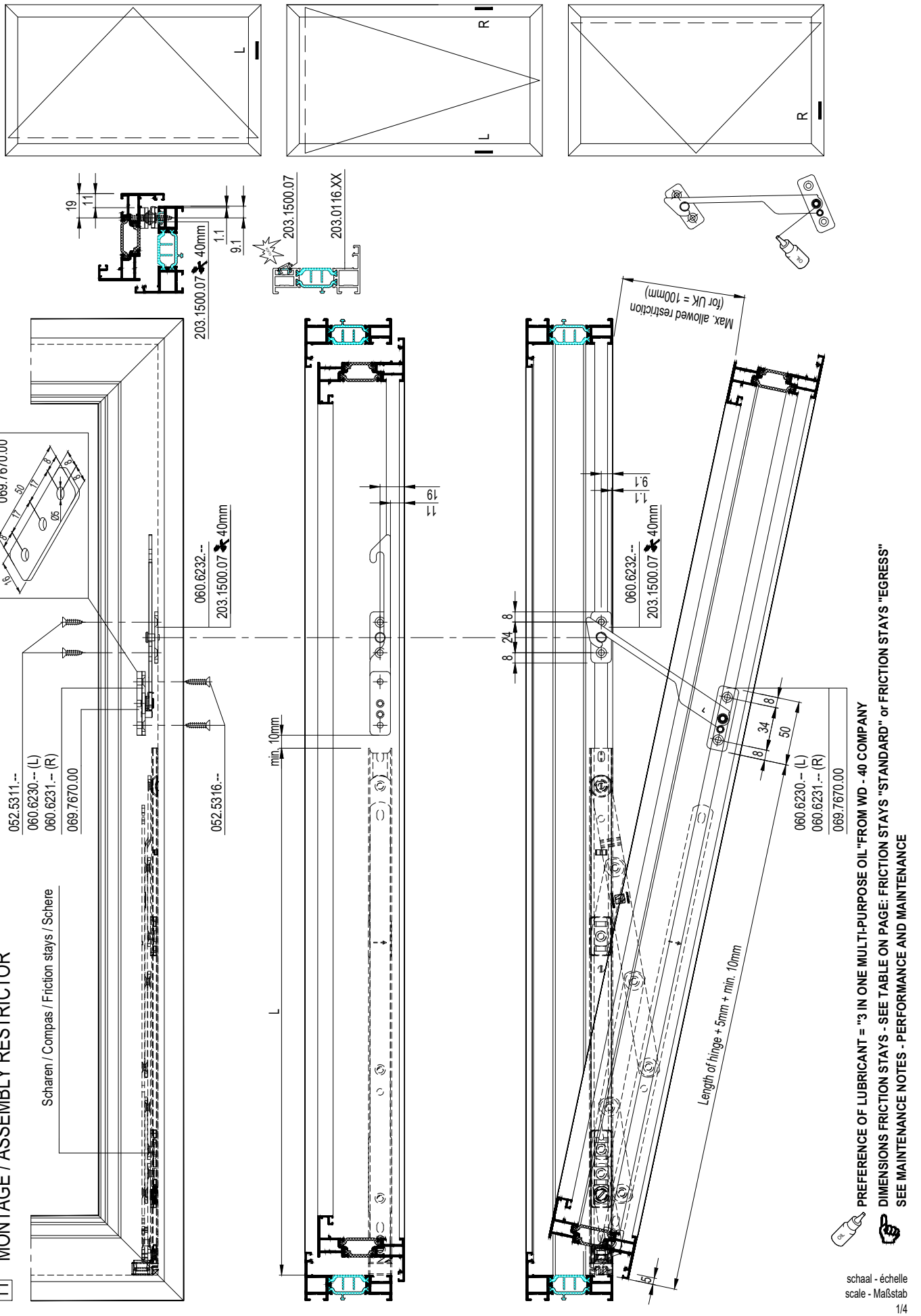


schaal - échelle
scale - Maßstab
1/2

NOT RESTRICTED

	PAIR / or PIECE	SIZE (mm/inches)	MAX. VENT WEIGHT (kg/lb)	MIN. VENT HEIGHT (mm)	MAX. VENT HEIGHT (mm)	MIN. VENT WIDTH (mm)	MAX. VENT WIDTH (mm)	OPENING ANGLE (°)	AISI	A1	A2	A3	B1	B2	C1	C2
SIDE HUNG																
060.8964.--	PAIR	311/12	22/48	390	1300	338	600	80°	430	97	268		55	188	55	188
060.8965.--	PAIR	413/16	24/53	390	1300	438	738	90°	430	97	370		109	322.5	109	322.5
060.8781.--	PAIR	311/12	22/48	390	1300	338	600	80°	304	97	268		55	188	55	188
060.8782.--	PAIR	413/16	24/53	390	1300	438	738	90°	304	97	370		109	322.5	109	322.5

SCHAREN "EGRESS" PAS24
COMPAS "EGRESS" PAS24
SCISSOR STAY HINGE "EGRESS" PAS24
SCHERE "EGRESS" PAS24



11 MONTAGE / ASSEMBLY RESTRICTOR

Scharen / Compas / Friction stays / Schere

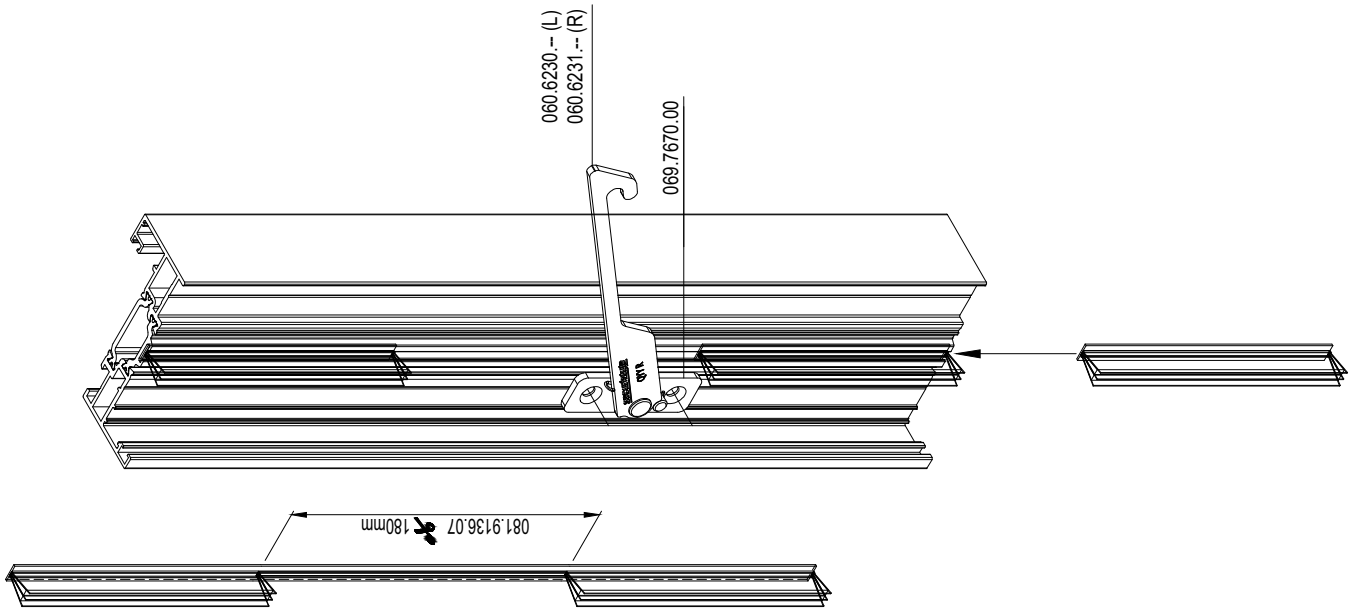
PREFERENCE OF LUBRICANT = "3 IN ONE MULTI-PURPOSE OIL "FROM WD - 40 COMPANY

DIMENSIONS FRICTION STAYS - SEE TABLE ON PAGE: FRICTION STAYS "STANDARD" or FRICTION STAYS "EGRESS"

SEE MAINTENANCE NOTES - PERFORMANCE AND MAINTENANCE

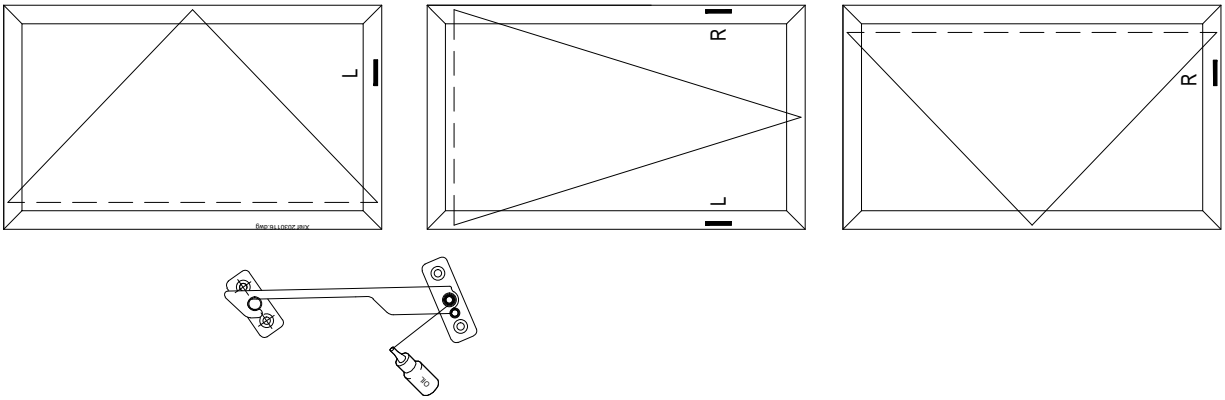
schaal - échelle
scale - Maßstab
1/4

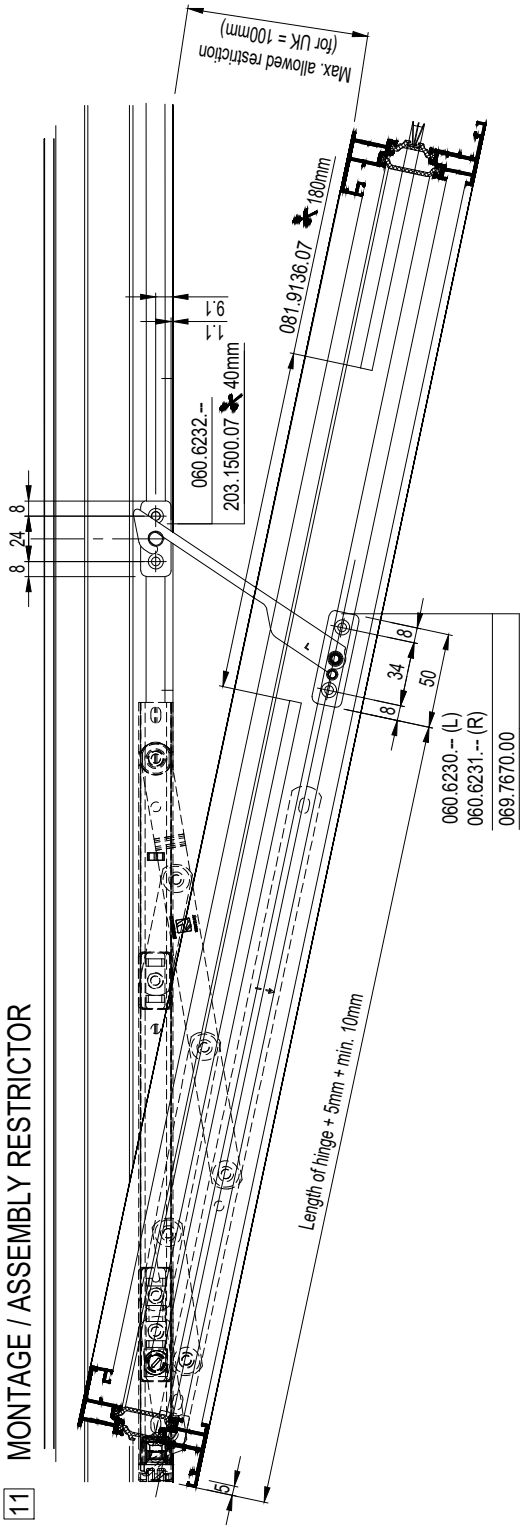
F



F

schaal - échelle
scale - Maßstab
1/4





11 MONTAGE / ASSEMBLY RESTRICTOR

PREFERENCE OF LUBRICANT = "3 IN ONE MULTI-PURPOSE OIL "FROM WD - 40 COMPANY
DIMENSIONS FRICTION STAYS - SEE TABLE ON PAGE: FRICTION STAYS "STANDARD" or FRICTION STAYS "EGRESS"
SEE MAINTENANCE NOTES - PERFORMANCE AND MAINTENANCE

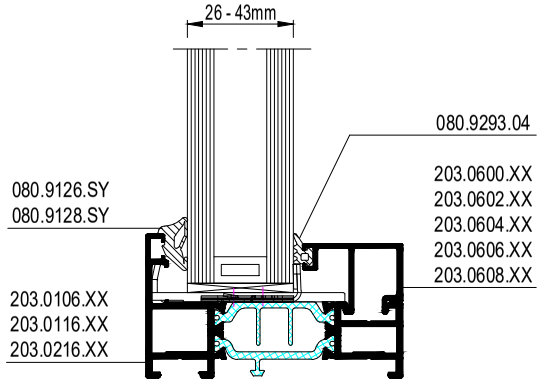
F

SL 68

BEGLAZINGSTABELLEN
TABLEAUX DE VITRAGE
GLAZING TABLES
VERGLASUNGSTABELLE

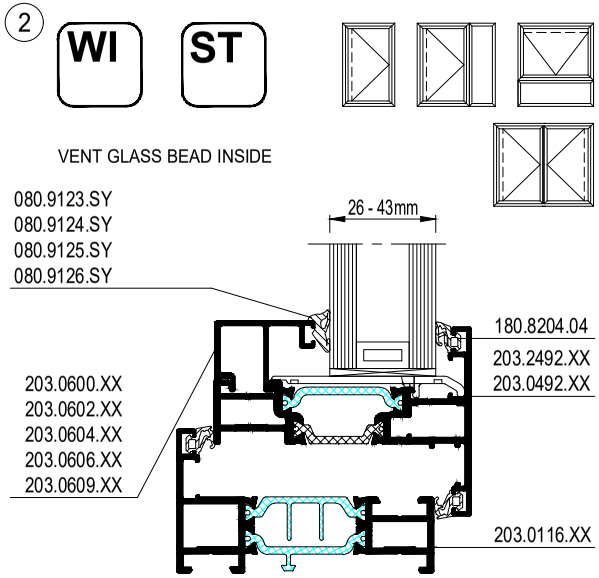
1 WI ST

FRAME GLASS BEAD OUTSIDE



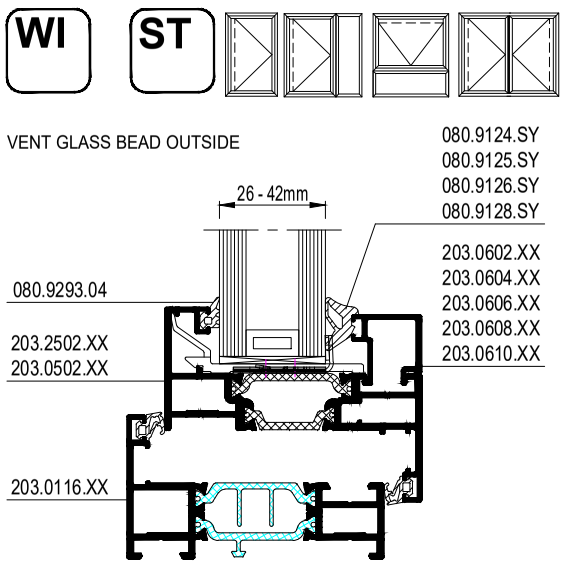
2 WI ST

VENT GLASS BEAD INSIDE

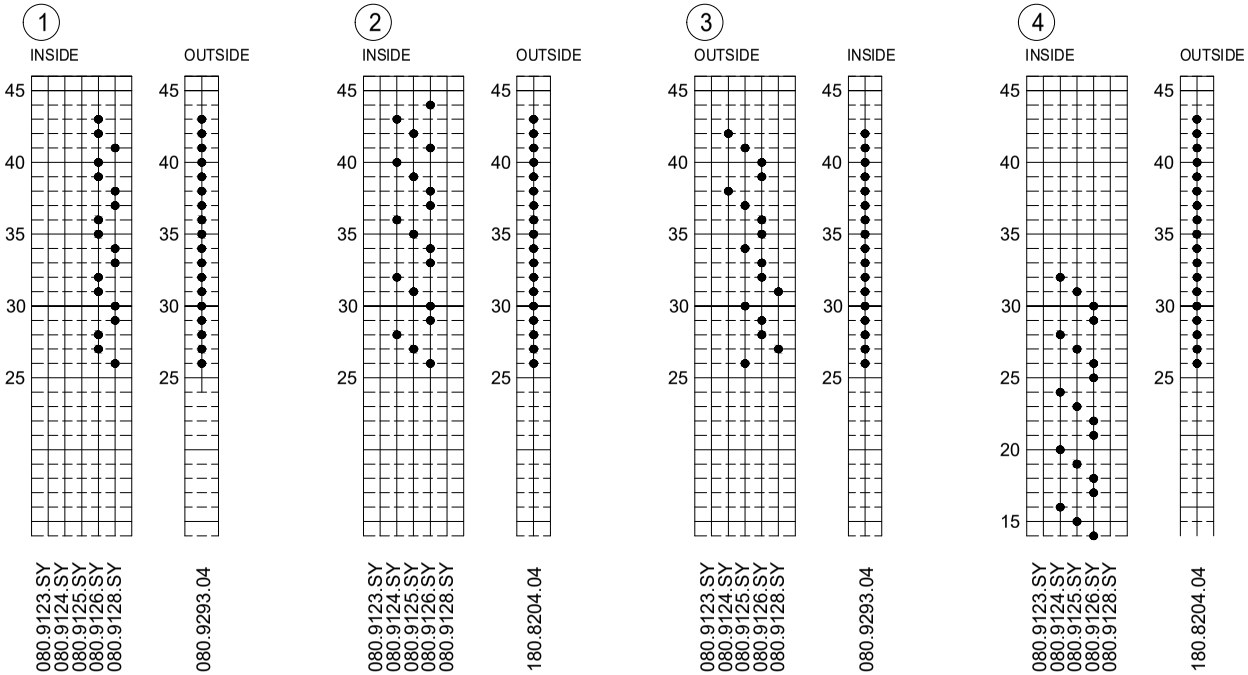


3 WI ST

VENT GLASS BEAD OUTSIDE

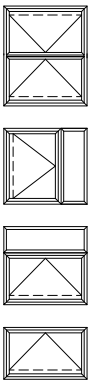


	1	2	3	4
203.0600.XX	26-28	26-28		14-16
203.0602.XX	29-32	29-32	26	17-20
203.0604.XX	33-36	33-36	27-30	21-24
203.0606.XX	37-40	37-40	31-34	25-28
203.0608.XX	41-43		35-38	
203.0609.XX		41-43		29-32
203.0610.XX			39-42	



BEGLAZINGSRUBBER - JOINT DE VITRAGE - GLAZING GASKET - VERGLASUNGSDICHTUNG

schaal - échelle
scale - Maßstab
1/2



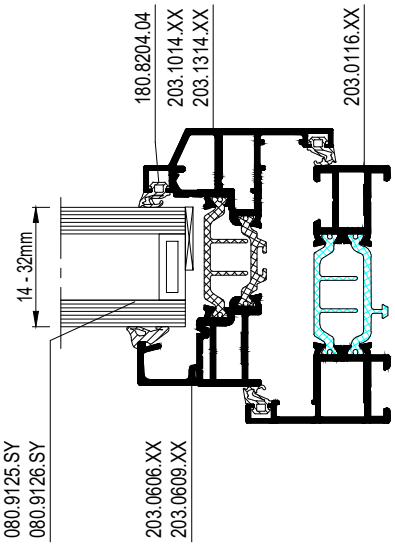
WI

ST

4

VENT GLASS BEAD INSIDE

080.9123.SY
080.9124.SY
080.9125.SY
080.9126.SY



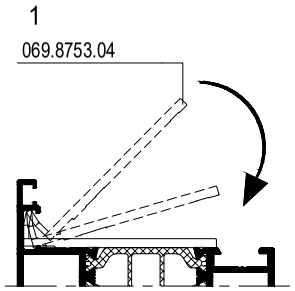
F

8

MONTAGE / ASSEMBLY
068.6340.--

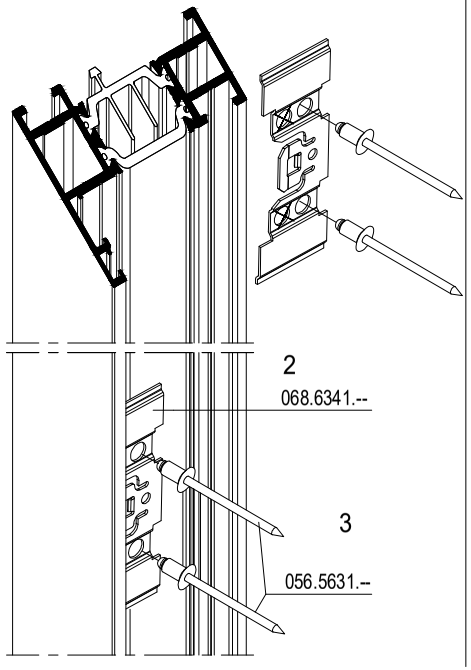
1

Aanbrengen glassteun
Mise en place support cale de vitrage
Insert glazing support
Montage Klotzbrücke



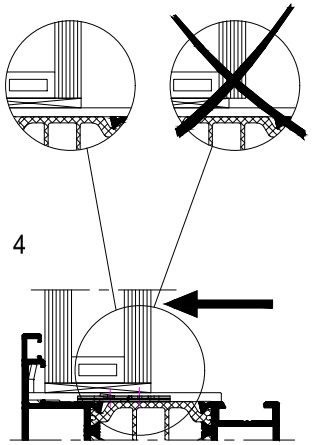
2 3

Aanbrengen glasklips 068.6341.-- + 052.5379.--
Mise en place clippe de vitrage 068.6341.-- + 052.5379.--
Insert glazing clip 068.6341.-- + 052.5379.--
Montage glasklemme 068.6341.-- + 052.5379.--



4

Glasplaatsing
Pose de vitrage
Pos. of glass panels
Verklotzung



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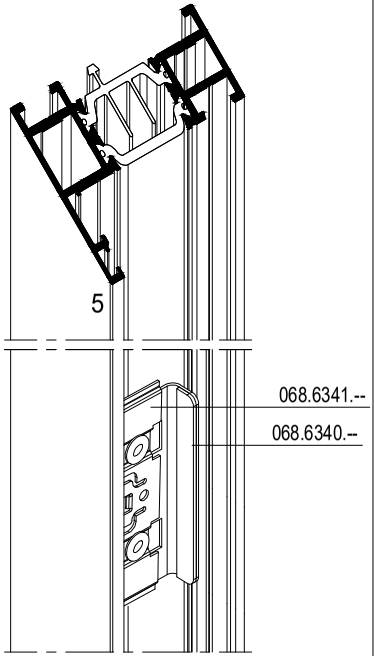
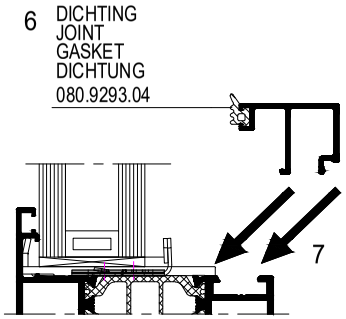
Aanbrengen glasklips 068.6340.--
Mise en place clippe de vitrage 068.6340.--
Insert glazing clip 068.6340.--
Montage glasklemme 068.6340.--



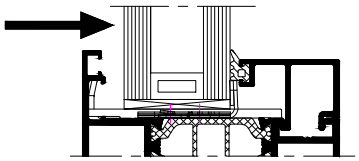
6 7

Aanbrengen van dichting en glaslatten
Mise en place joint et mettre en place les parcloses
Insert gasket and clip in beads
Montage dichtung und Montage Glasleisten



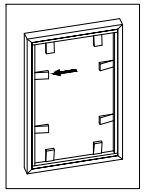
8

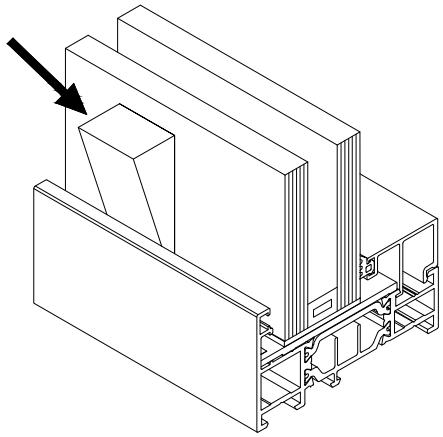
Glas tegen glaslat
Vitrage contre le parclose
Glass against glazing bead
Glas gegen Glasleiste



9

Plaatsen glas opspieën
Pose des cales
Insert glass spacers
Scheibe





Gereedschap in hout of PVC vergemakkelijkt het plaatsen

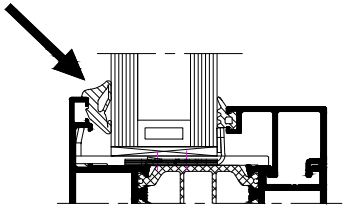
Outillage en bois ou PVC facilite le montage

A wooden or PVC spacer can be used to insert glazing gasket

Hilfskeile aus Holz oder Kunststoff verringern die Montagezeiten

10

Aanbrengen van dichting
Mise en place joint
Insert gasket
Montage Dichtung



STEUNBLOKJES-CALE DE SUPPORT DE VITRAGE-SUPPORT BLOCKS-TRAGKLOTZE

Het aantal en de plaats van de steunblokjes wordt bepaald door de STS 38.03.
Een overzicht:

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

The number and position of the supports blocks is defined by the STS 38.03.
Survey:

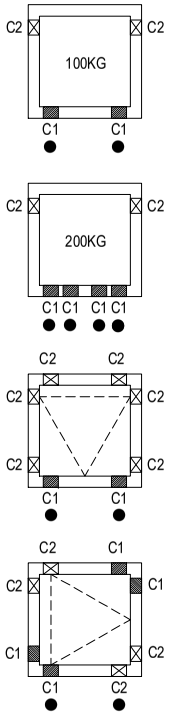
Die Anzahl und die Position der Tragklötze bzw. Verglasungsklötze wird durch Verarbeitungsvorschriften der Isolierglasindustrie und technische Richtlinien des Glaserhandwerks vorgegeben.
Übersicht:

MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

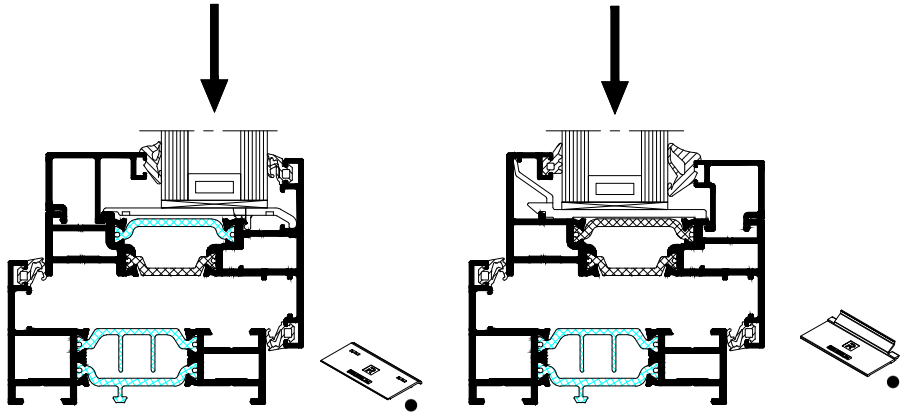
MAX GEWICHT GLAS 100/200KG OP T-PROFIEL & KADER
POID MAX VERRE 100/200KG SUR TRAVERSE & CADRE
MAX WEIGHT GLASS 100/200KG ON TRANSOM-MULLION & FRAME
MAX GEWICHTE GLAS 100/200KG AUF SPROSSE & BLENDRAHMEN

C2 stelblokje
cale d'ajustement
adjusting block
Distanzklötze

C1 steunblokje
cale de support de vitrage
support block
Tragklötze



Glass Supports : ●



C1: Steunblokjes-Cale de supports de vitrage-Supports blocks-Tragklötze

Deze steunblokjes 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 cales de 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.

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

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

C2: Stelblokjes-Cales d'ajustement-Adjusting blocks-Distanzklötze:

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.

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.

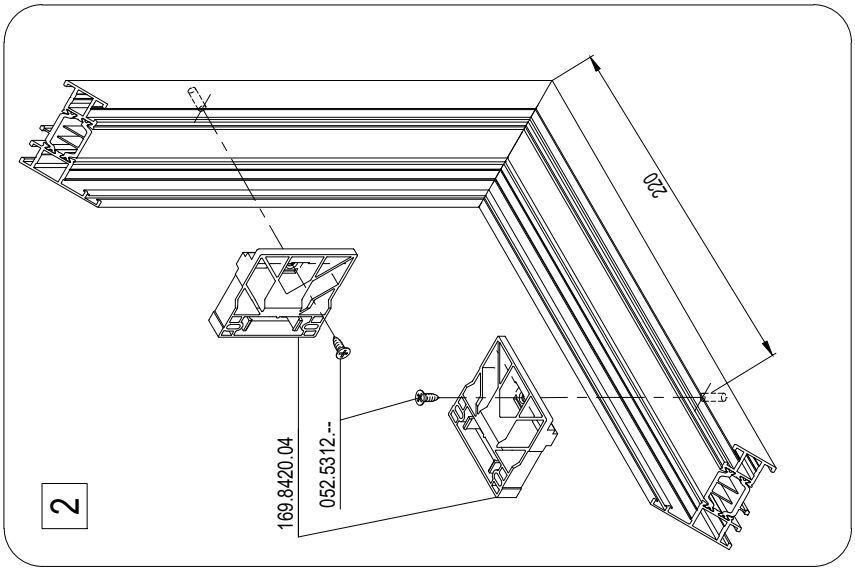
Die Distanzklötze stellen den Abstand zwischen Rahmen und Verglasung sicher. Je nach Flügelöffnungsart können diese auch eine tragende Funktion übernehmen.

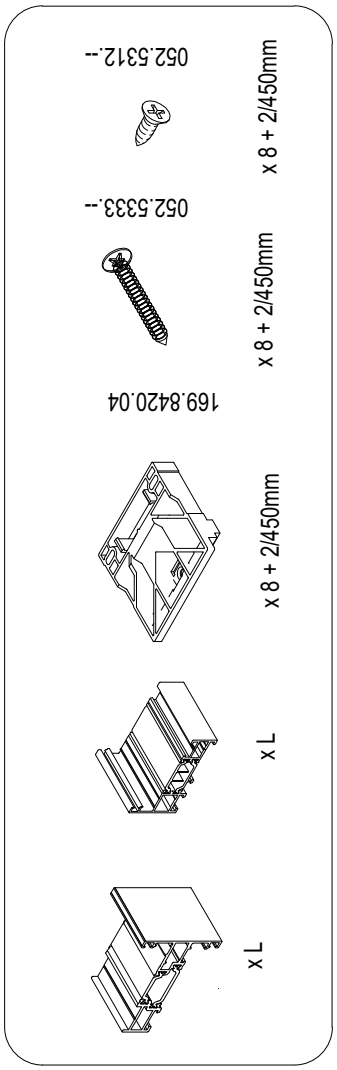
Beglazing kan gebeuren met EPDM-rubbers of met een elastische kitvoeg.

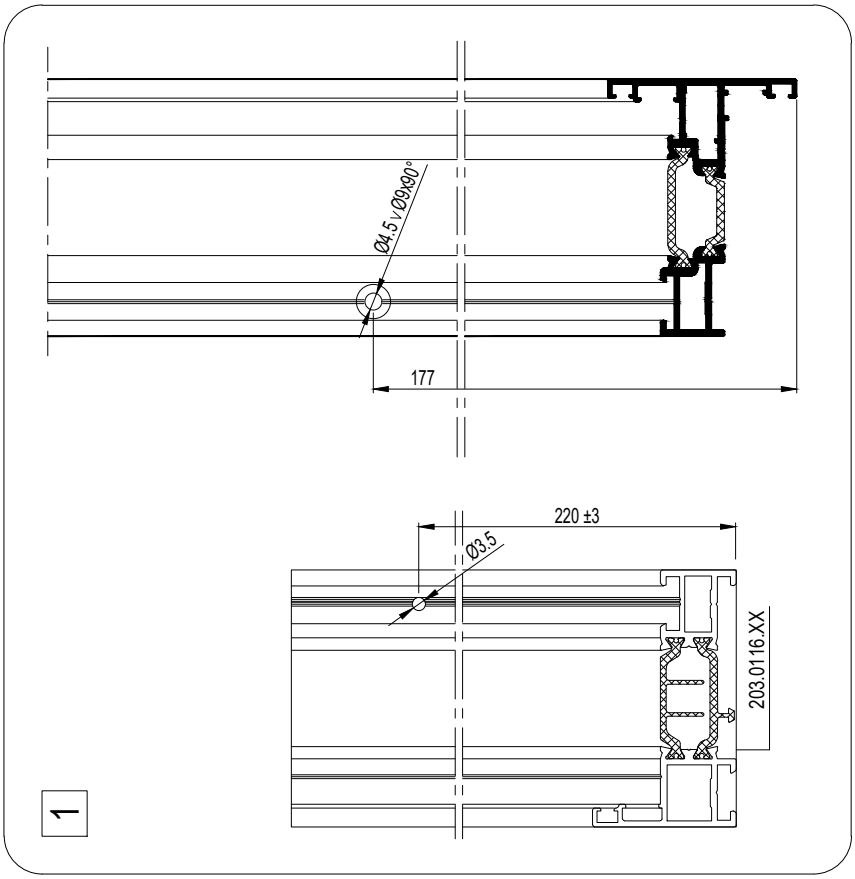
Le vitrage peut être fait à l'aide de joints en EPDM ou de mastic.

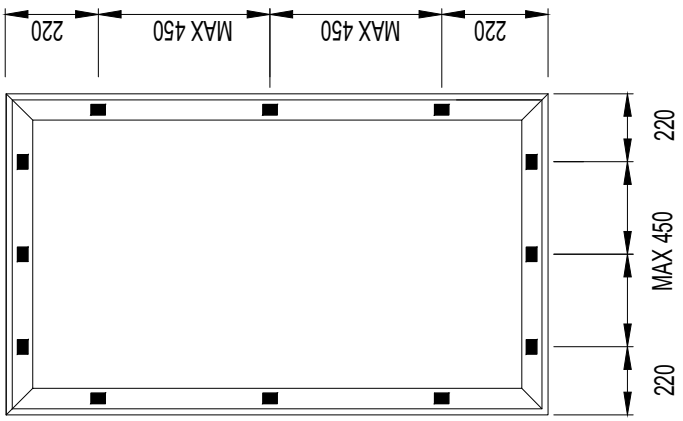
Glazing can be done by means of EPDM gaskets or an elastic sealant.

Die Verglasung kann mittels EPDM-Dichtungen oder spritzbarer Dichtstoffen und Vorlegeband erfolgen.









schaal - échelle
scale - Maßstab
1/2

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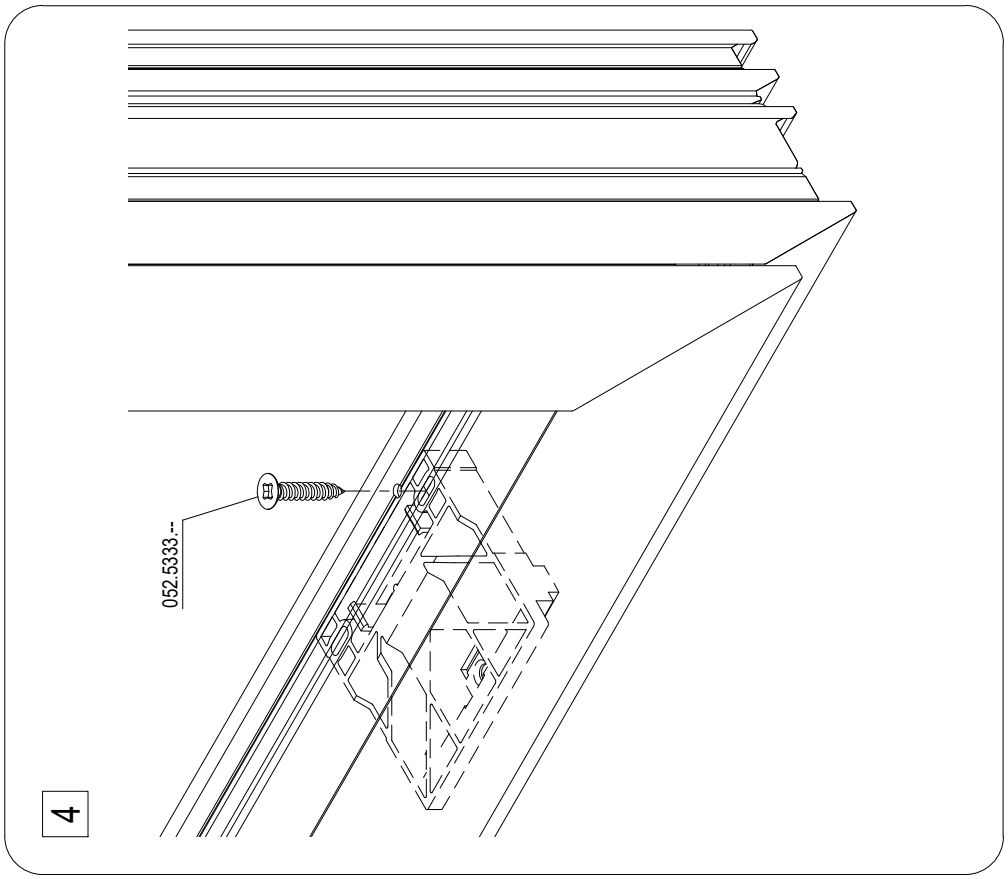

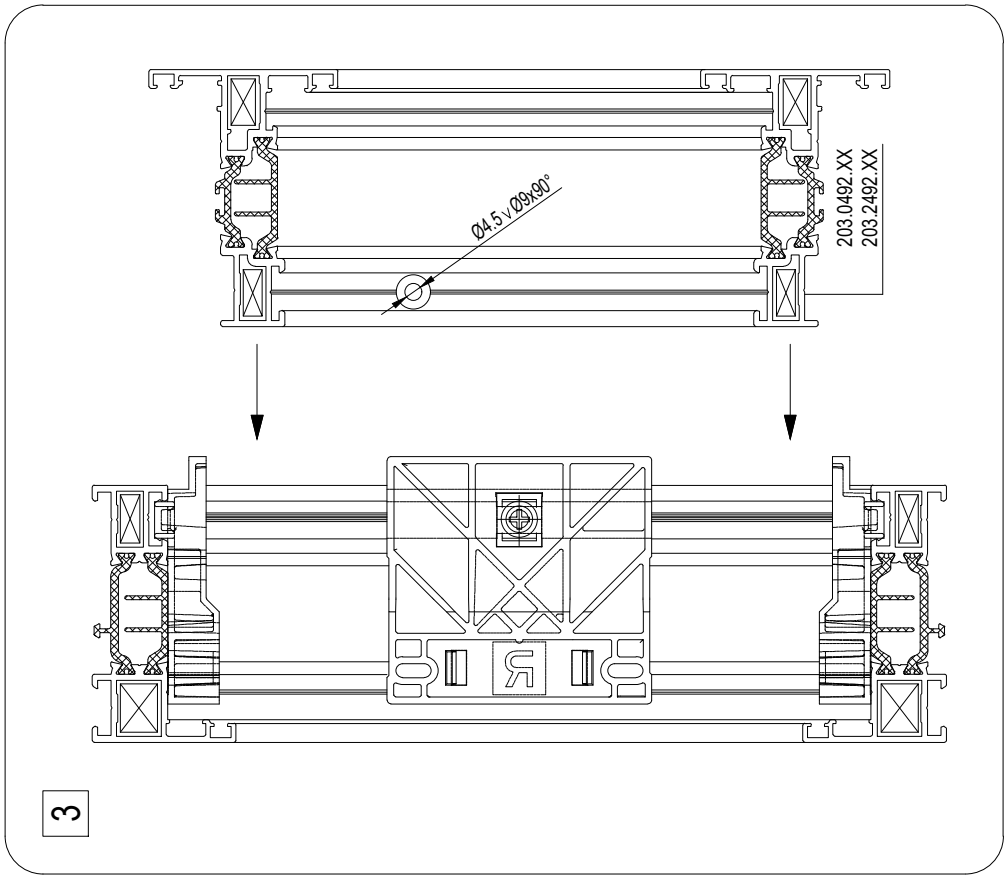

schaal - échelle
scale - Maßstab
1/2

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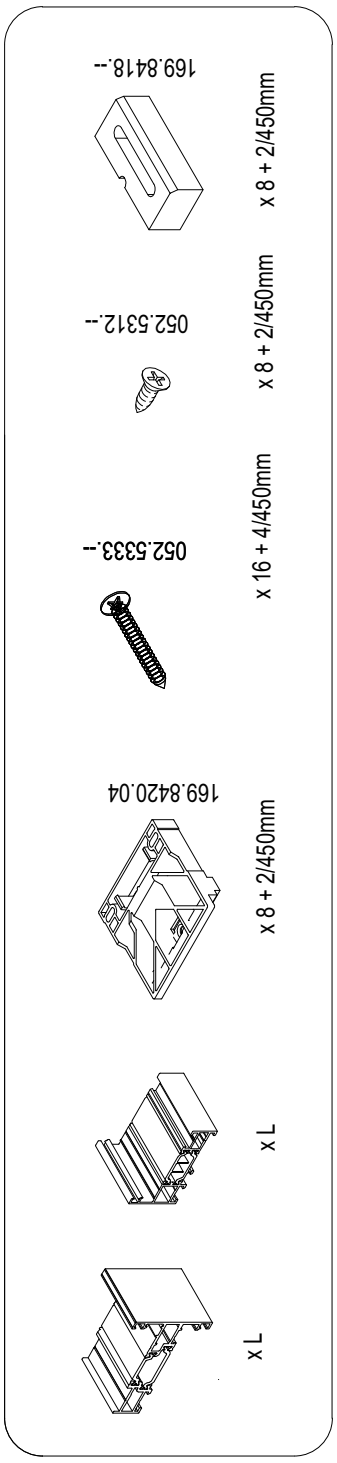
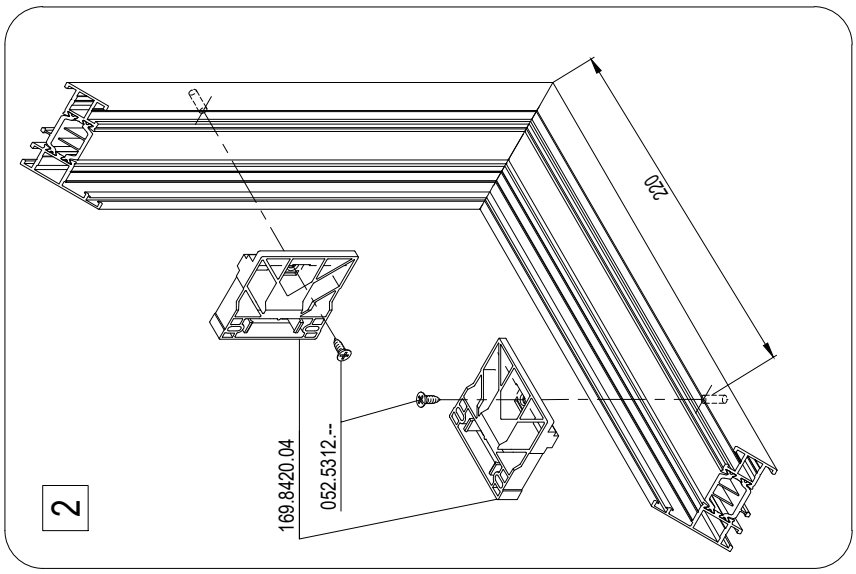
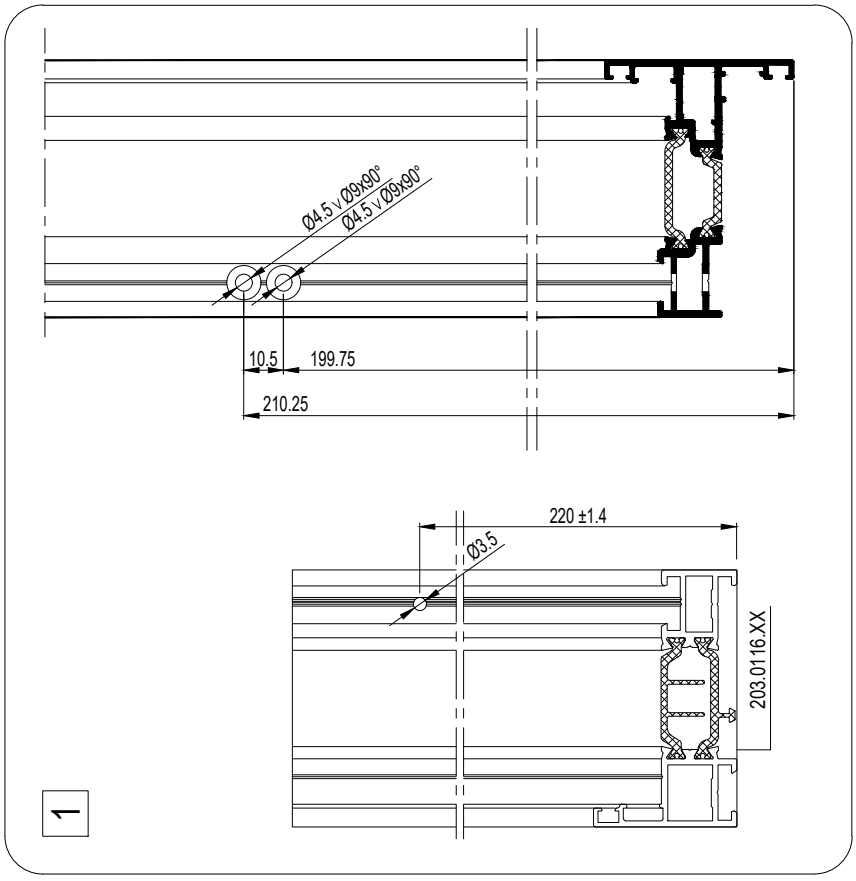
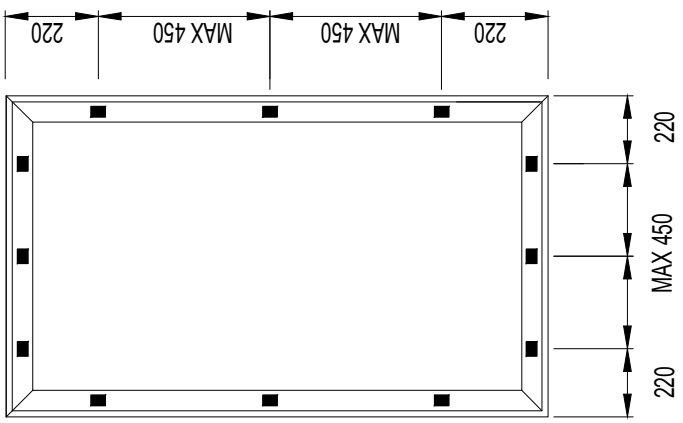
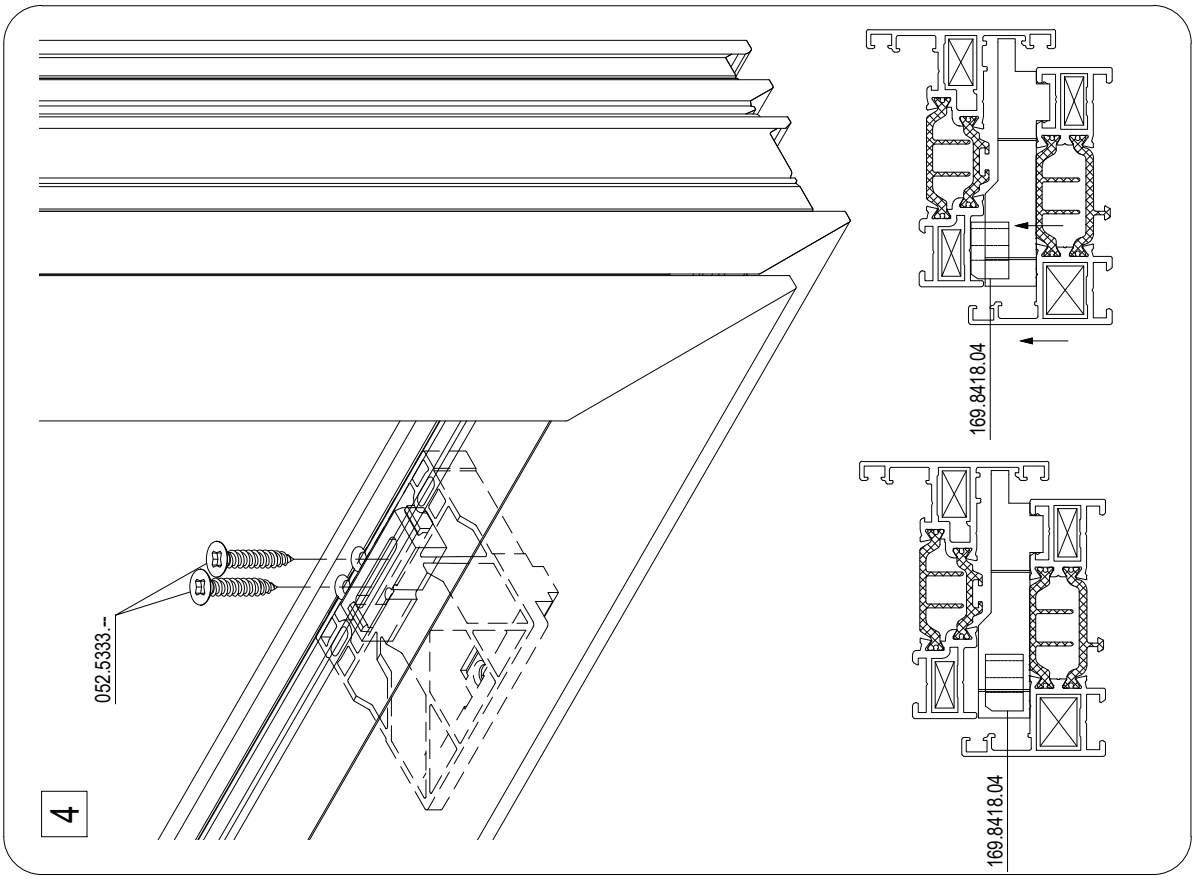


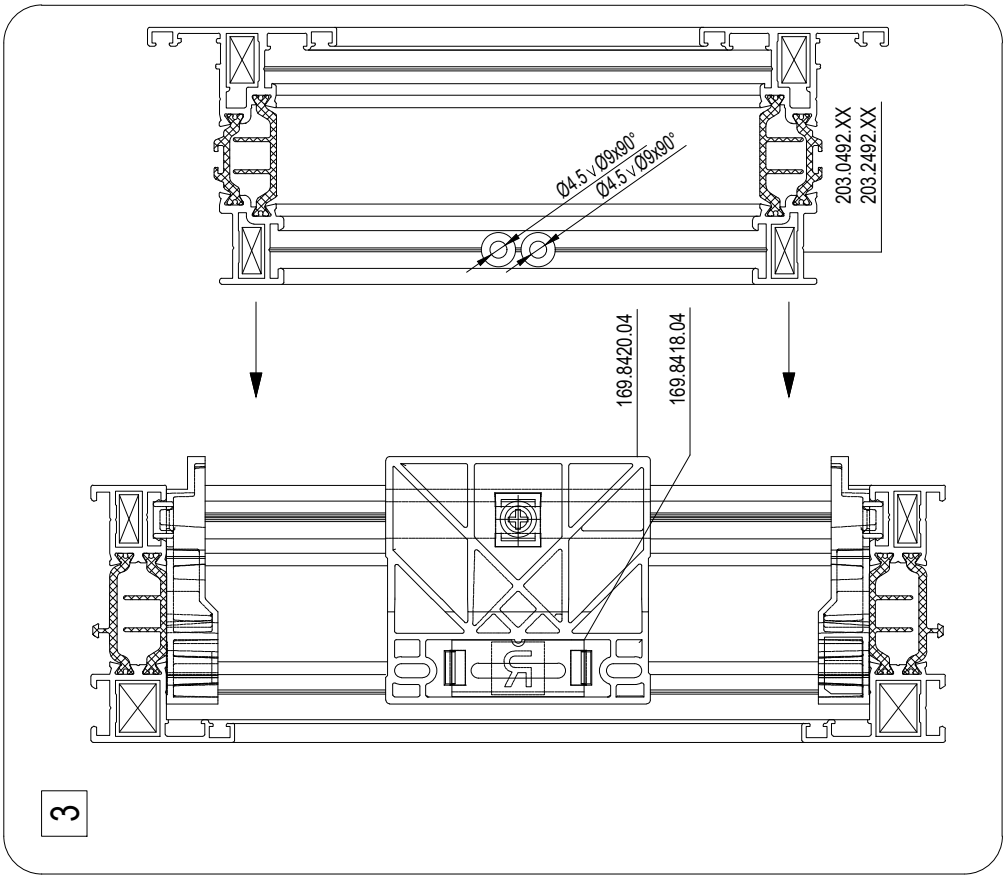






schaal - échelle
scale - Maßstab
1/2





schaal - échelle
scale - Maßstab
1/2

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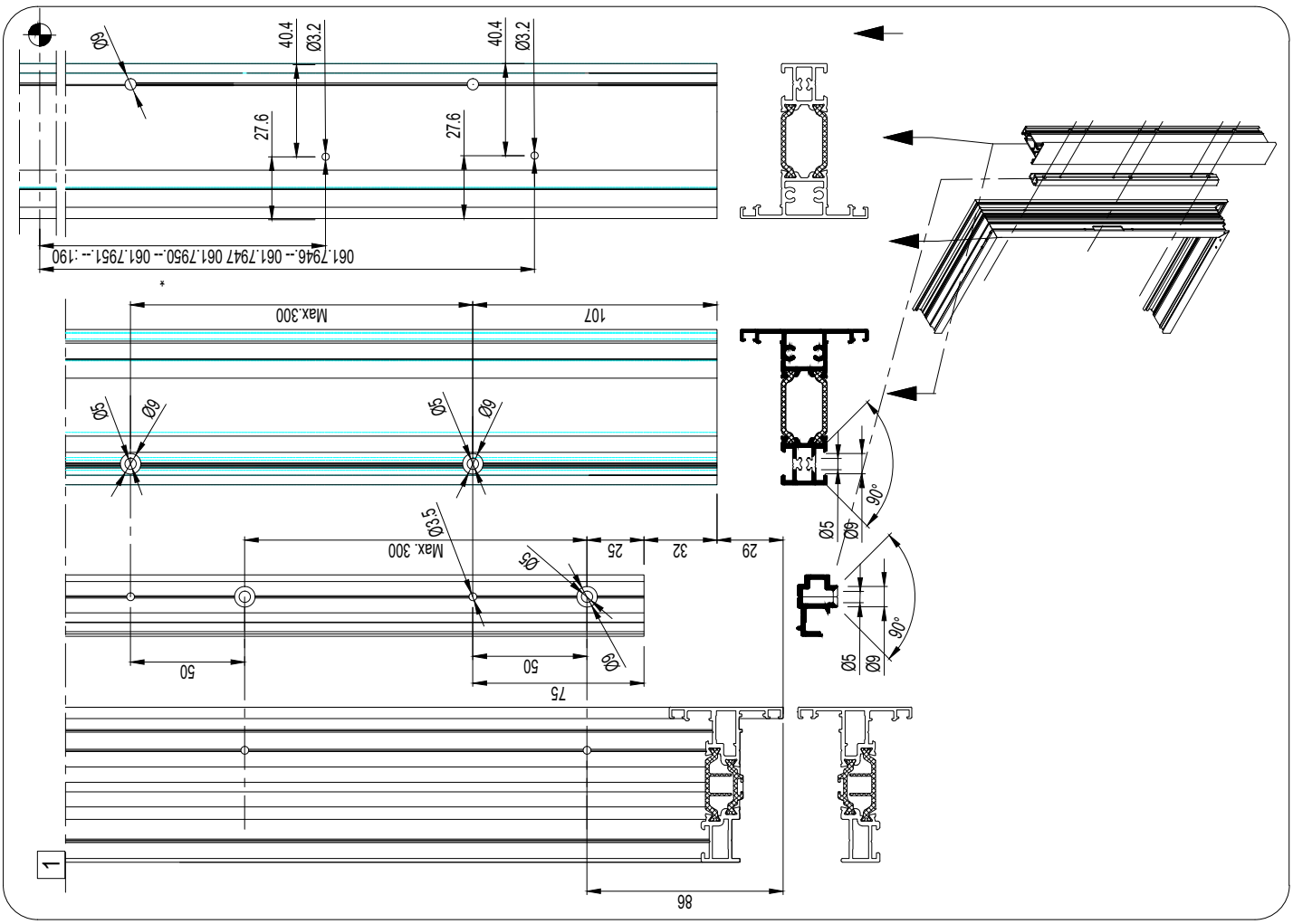
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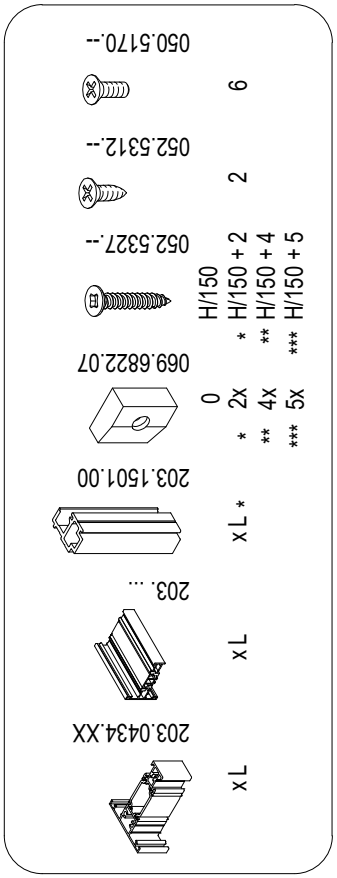
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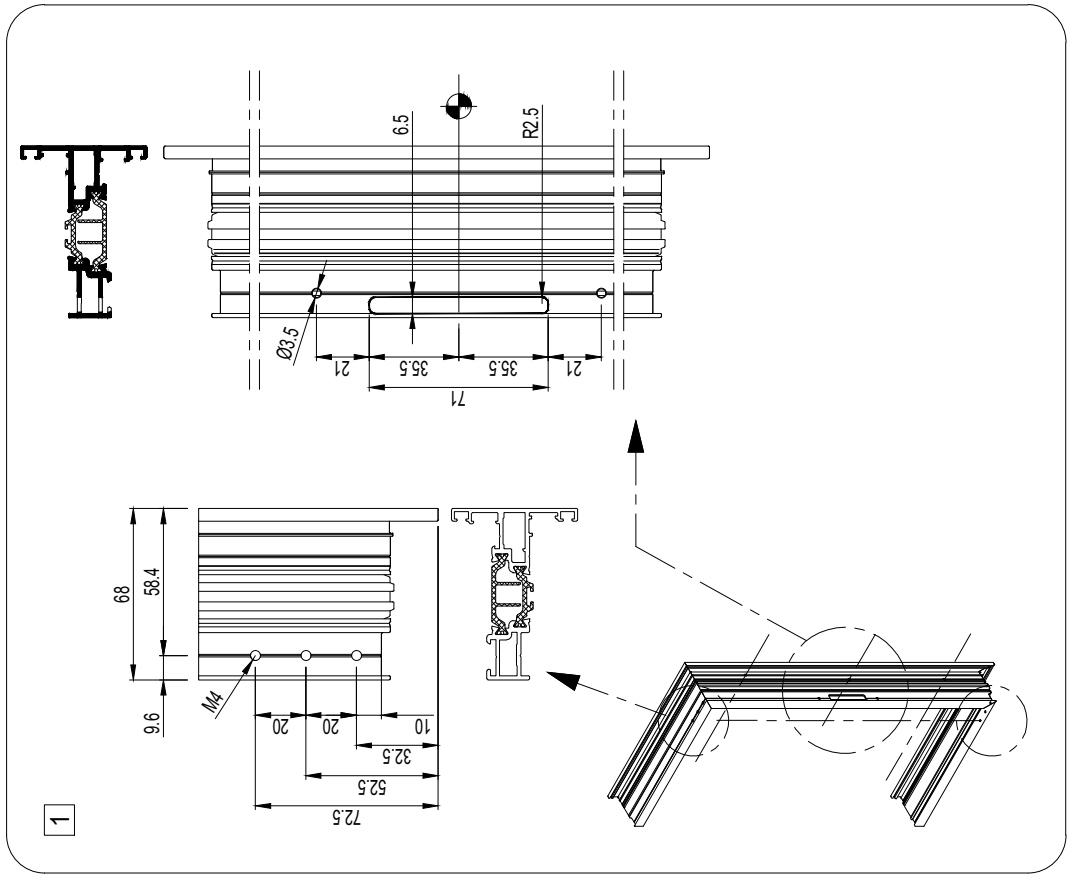
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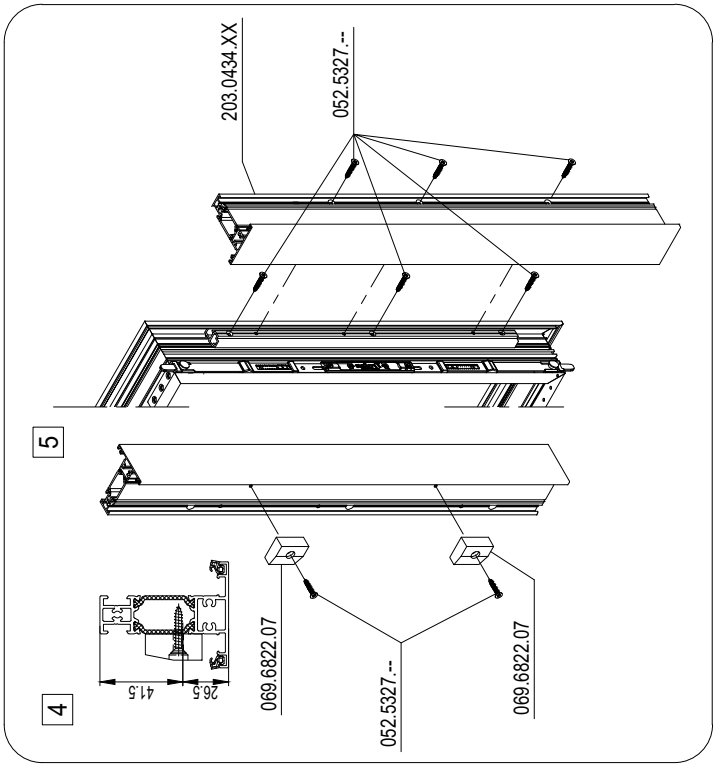
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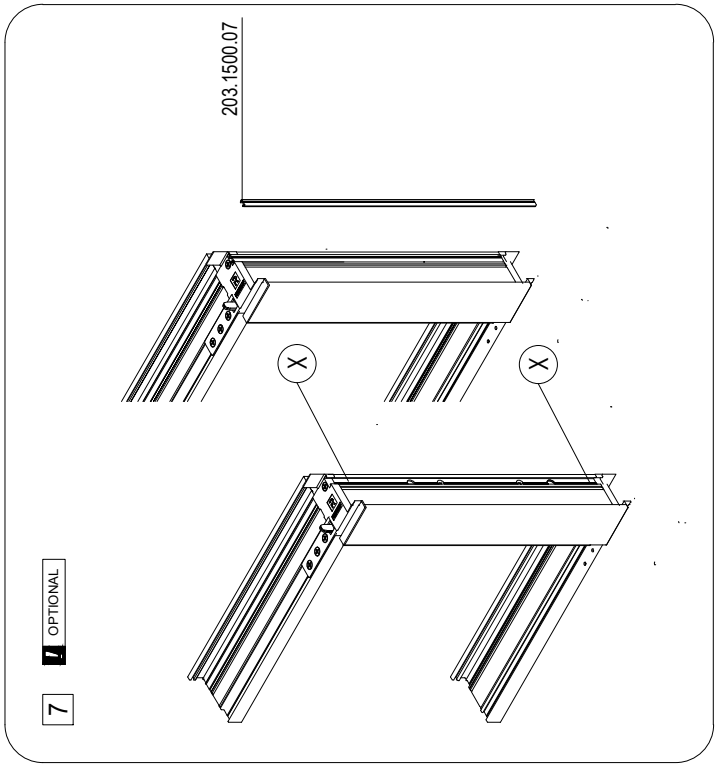
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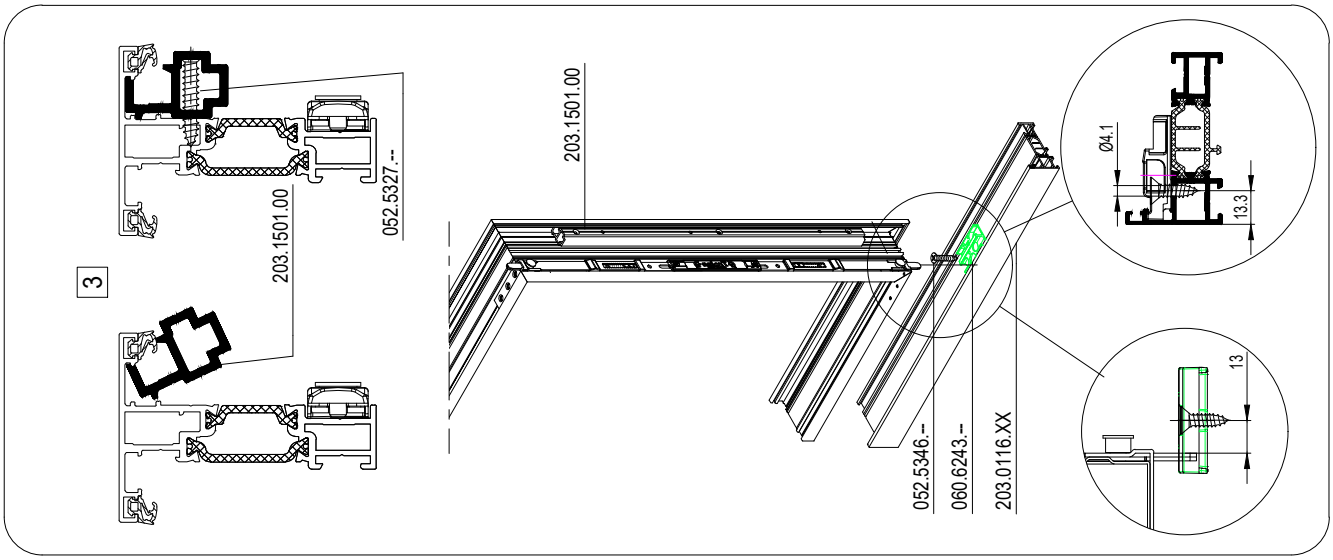
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MONTAGEVOLGORDE
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THE ORDER OF ASSEMBLY
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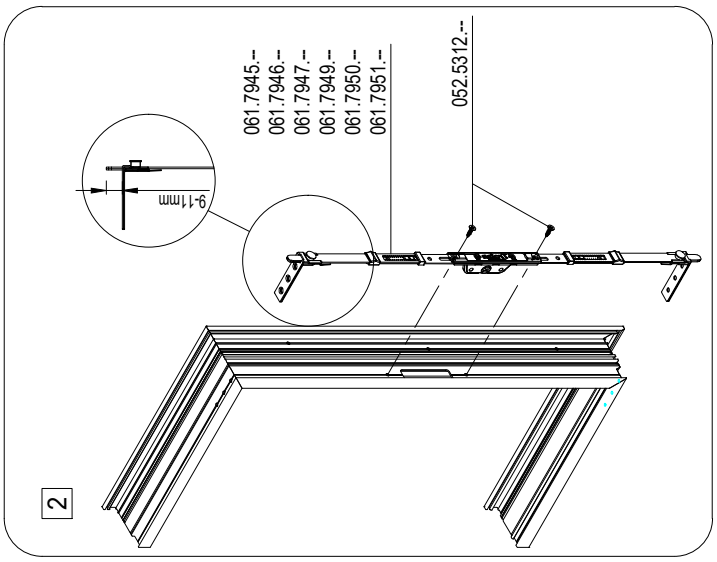
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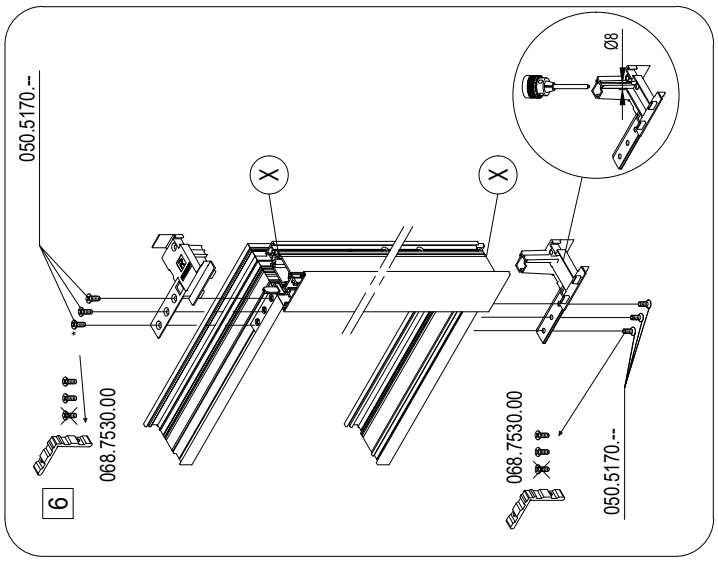
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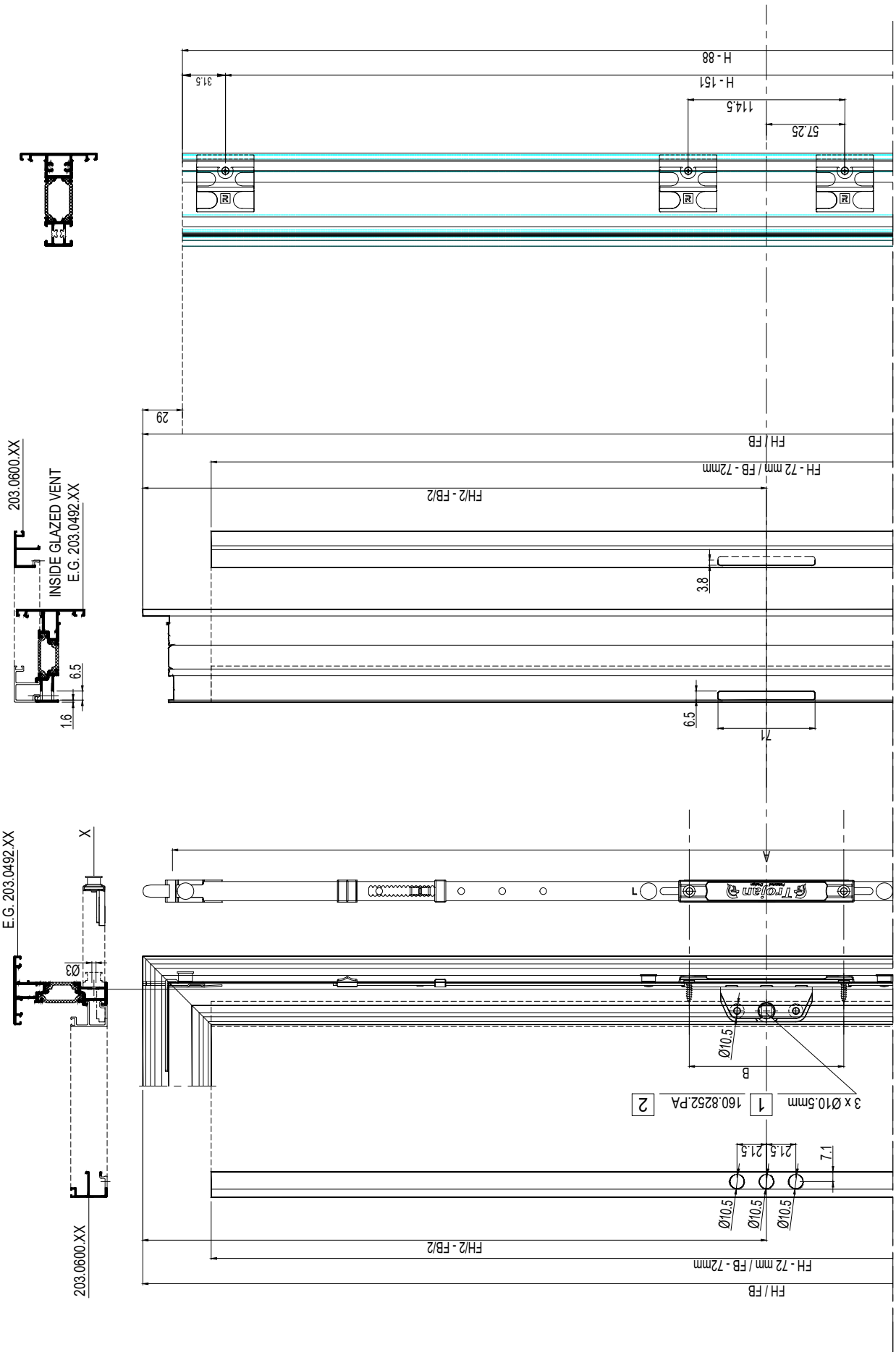
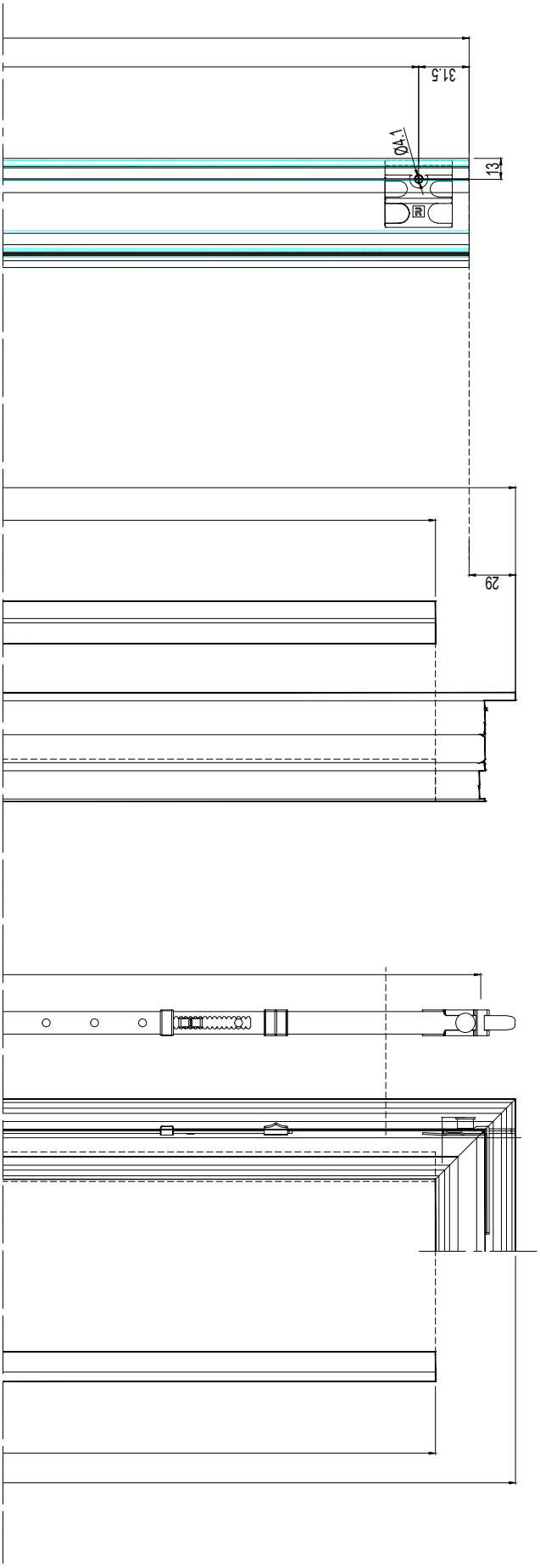
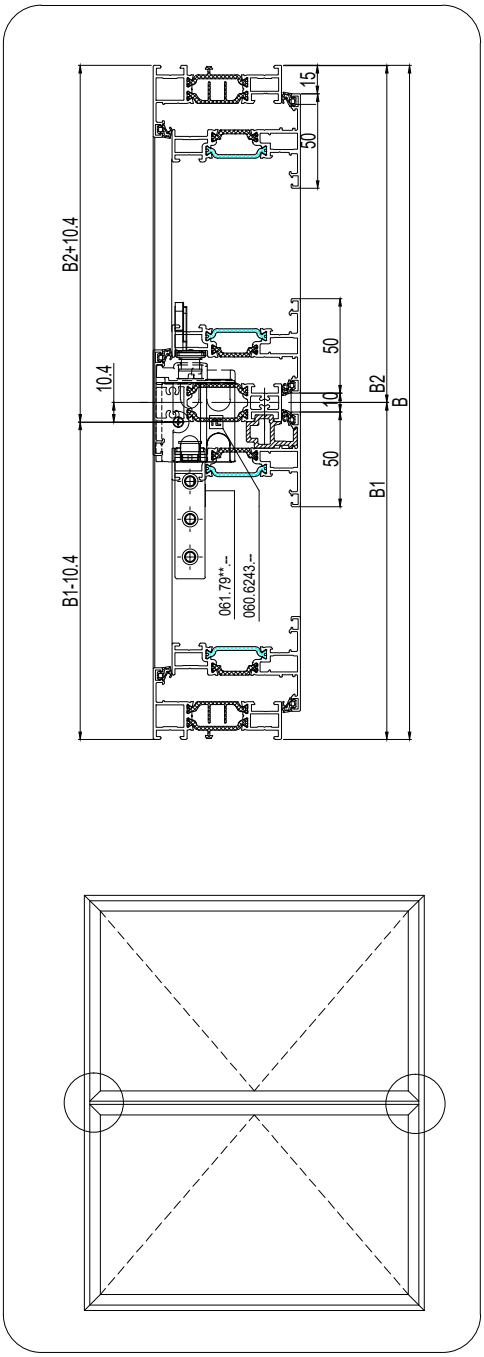


MONTAGE / ASSEMBLY 060.6243.-- IN DOUBLE CASEMENT

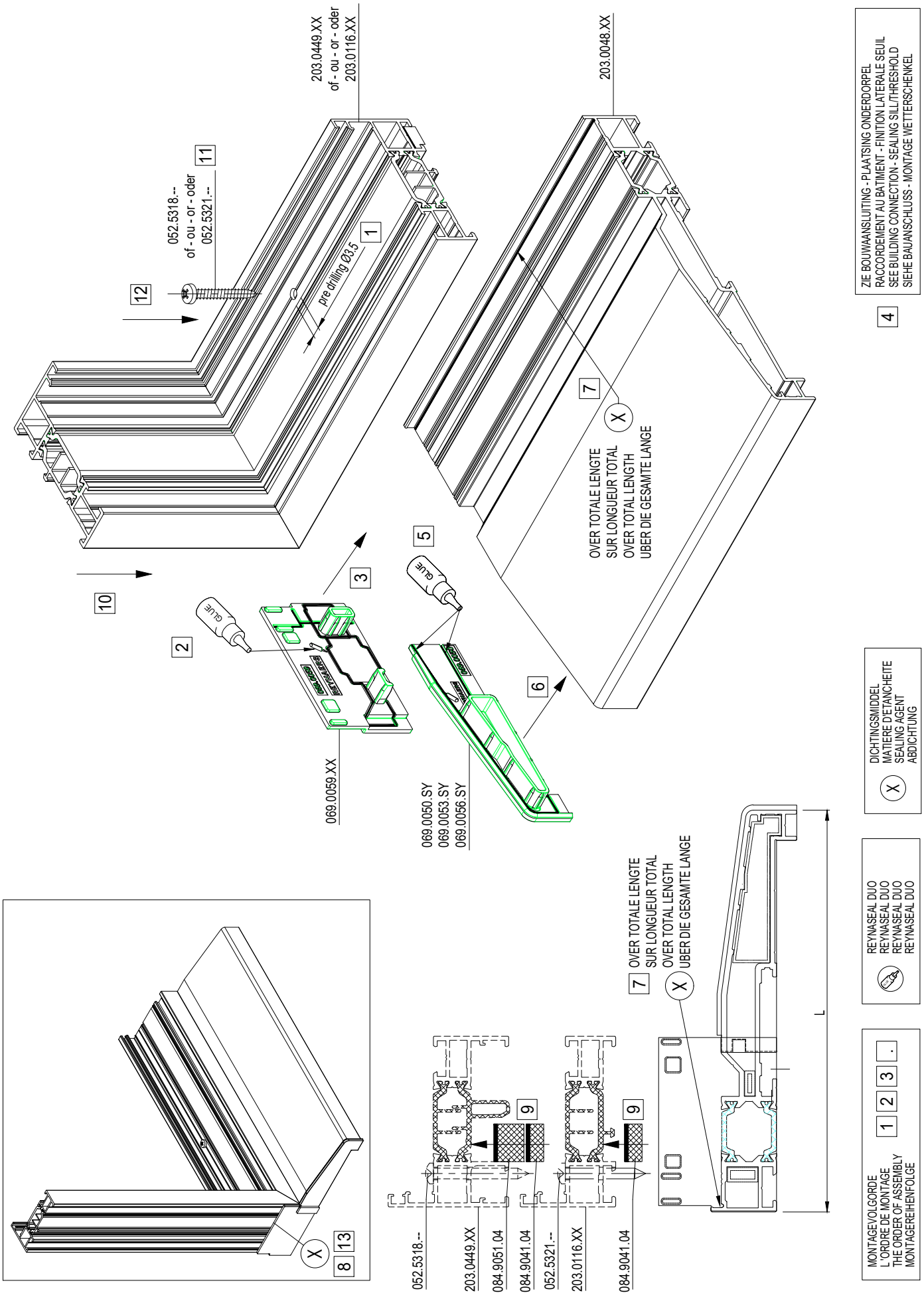
F

schaal - échelle
scale - Maßstab
1/2





schaal - échelle
scale - Maßstab
1/2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SUR LONGUEUR TOTAL
OVER TOTAL LENGTH
UBER DIE GESAMTE LANGE
ZIE BOUWAANSLUITING - PLAATSING ONDERDORPEL
RACCORDEMENT AU BATIMENT - FINITION LATERALE SEUIL
SEE BUILDING CONNECTION - SEALING SILL/THRESHOLD
SIEHE BAUANSCHLUSS - MONTAGE WETTERSCHENKEL
4
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
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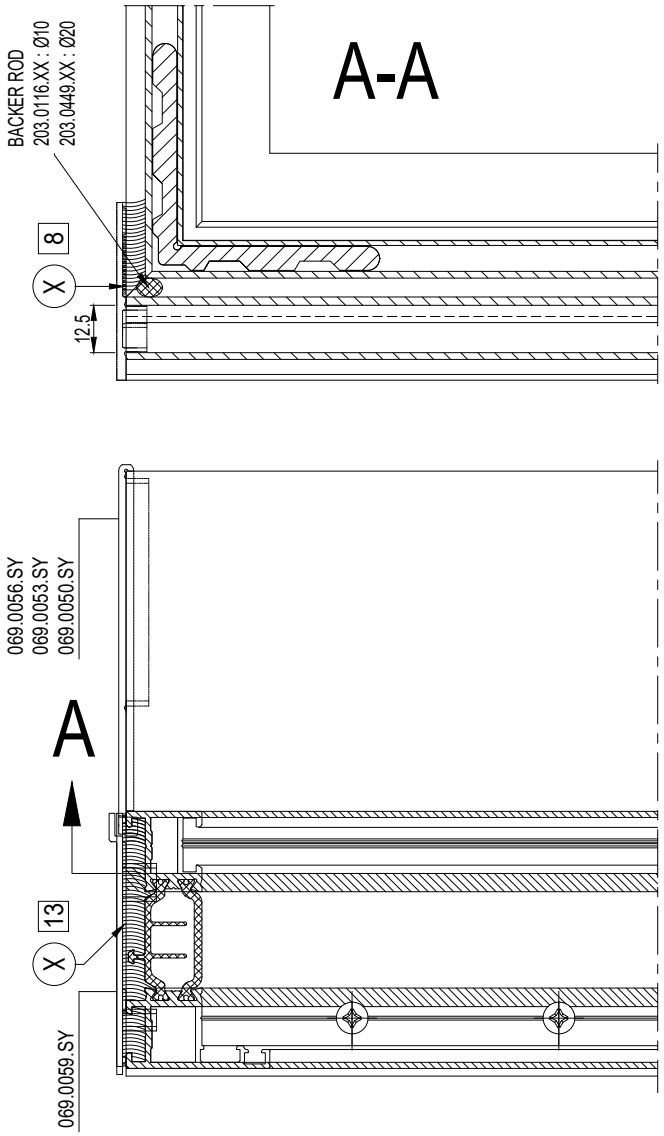
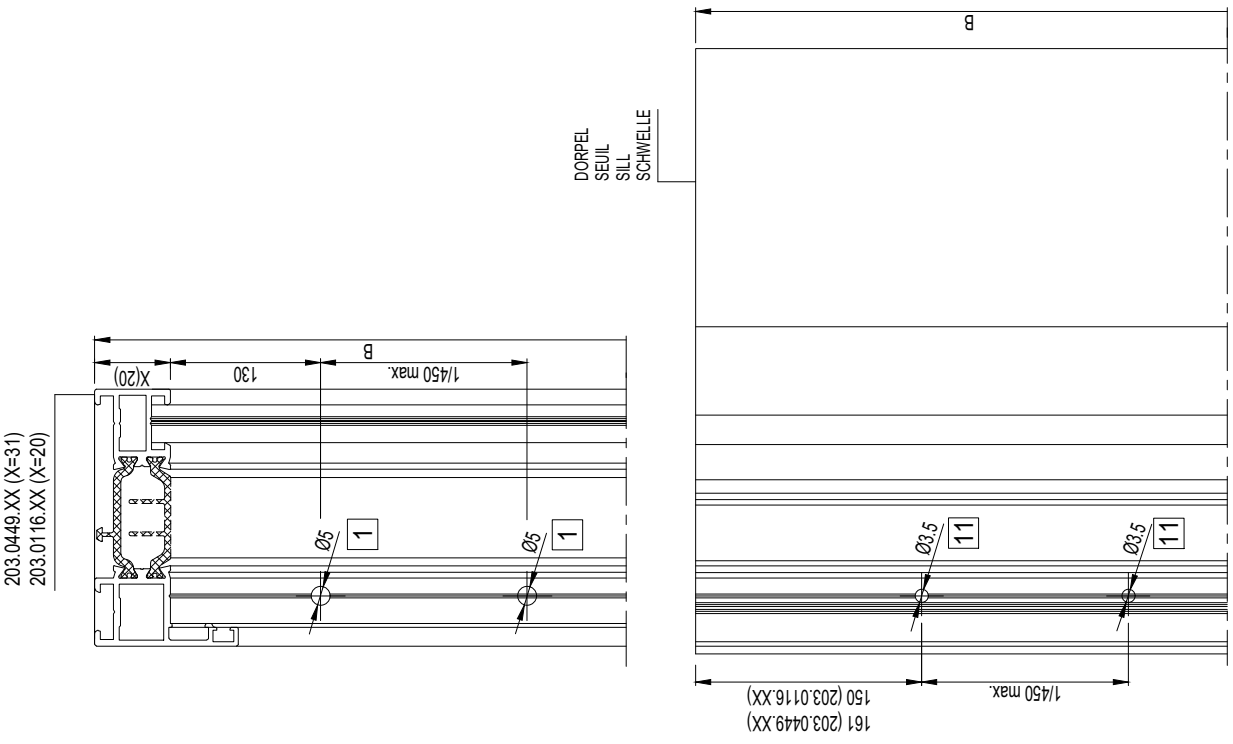


DORPEL SEUIL SILL SCHWELLE	L (mm)	EINDSTUK DORPEL PIECE D'EXTREMITE SEUIL END PIECE SILL ENDSTUECKWETTERSCHENKEL
203.0047.XX	98.5	069.0059.SY + 069.0047.SY
203.0048.XX	160	069.0059.SY + 069.0050.SY
203.0049.XX	200	069.0059.SY + 069.0053.SY
203.0050.XX	240	069.0059.SY + 069.0056.SY



DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
X

REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

F

DORPEL SEUIL SILL SCHWELLE	L (mm)	DILATATIEPROFIEL PROFILE DE DILATATION EXPANSION PROFILE AUSDEHNUNGSPROFIL	OMO.1304.XX (130x4xM/N)	ZAAGMAAT MESURE DE SIAGE CUTTING SIZE SAEGEZUSCHNITTE	P (mm)	S (mm)
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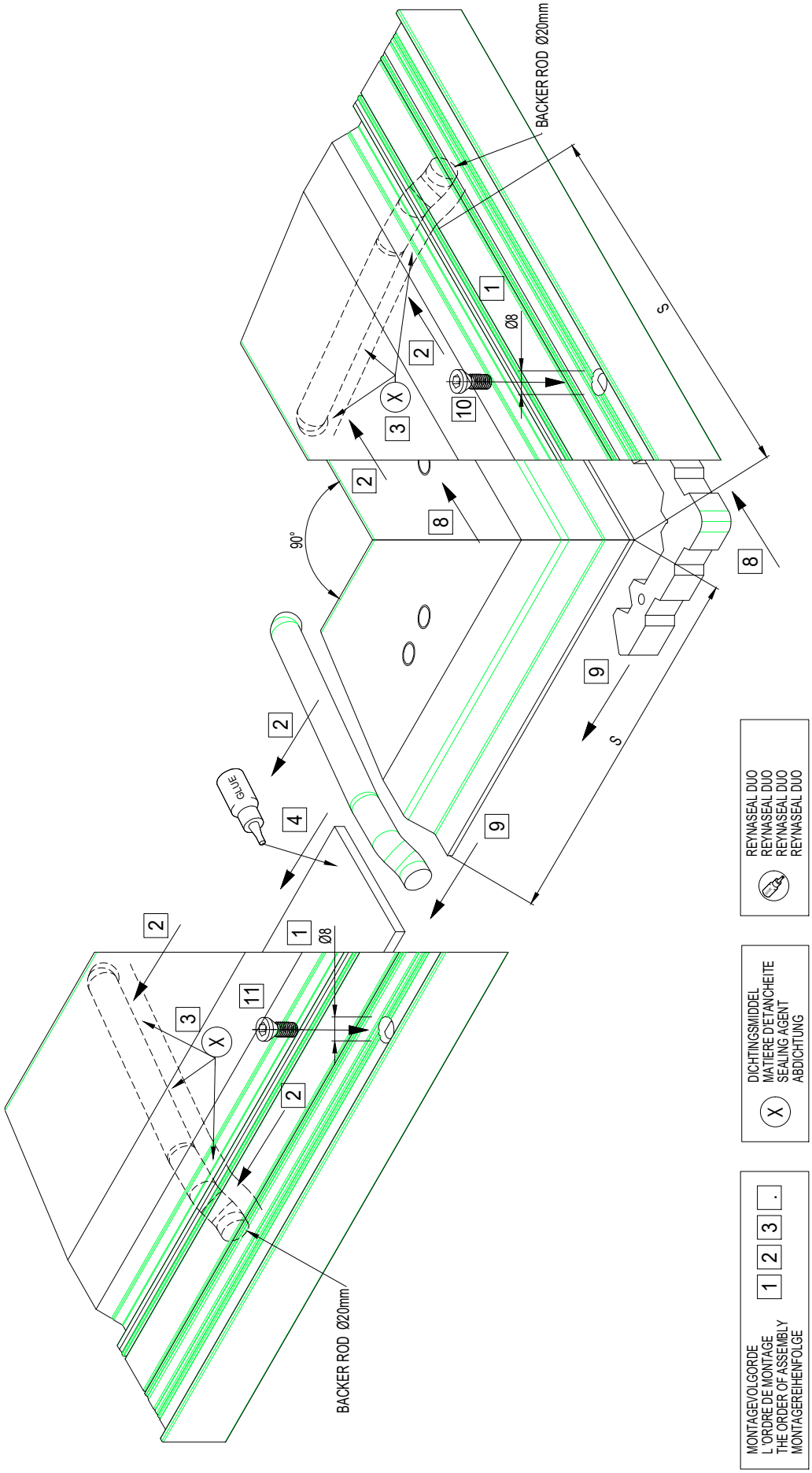
203.0049.XX	200	056.5049.00	M=90	N=130	200	190
203.0050.XX	240	056.5050.00	M=130	N=160	240	230



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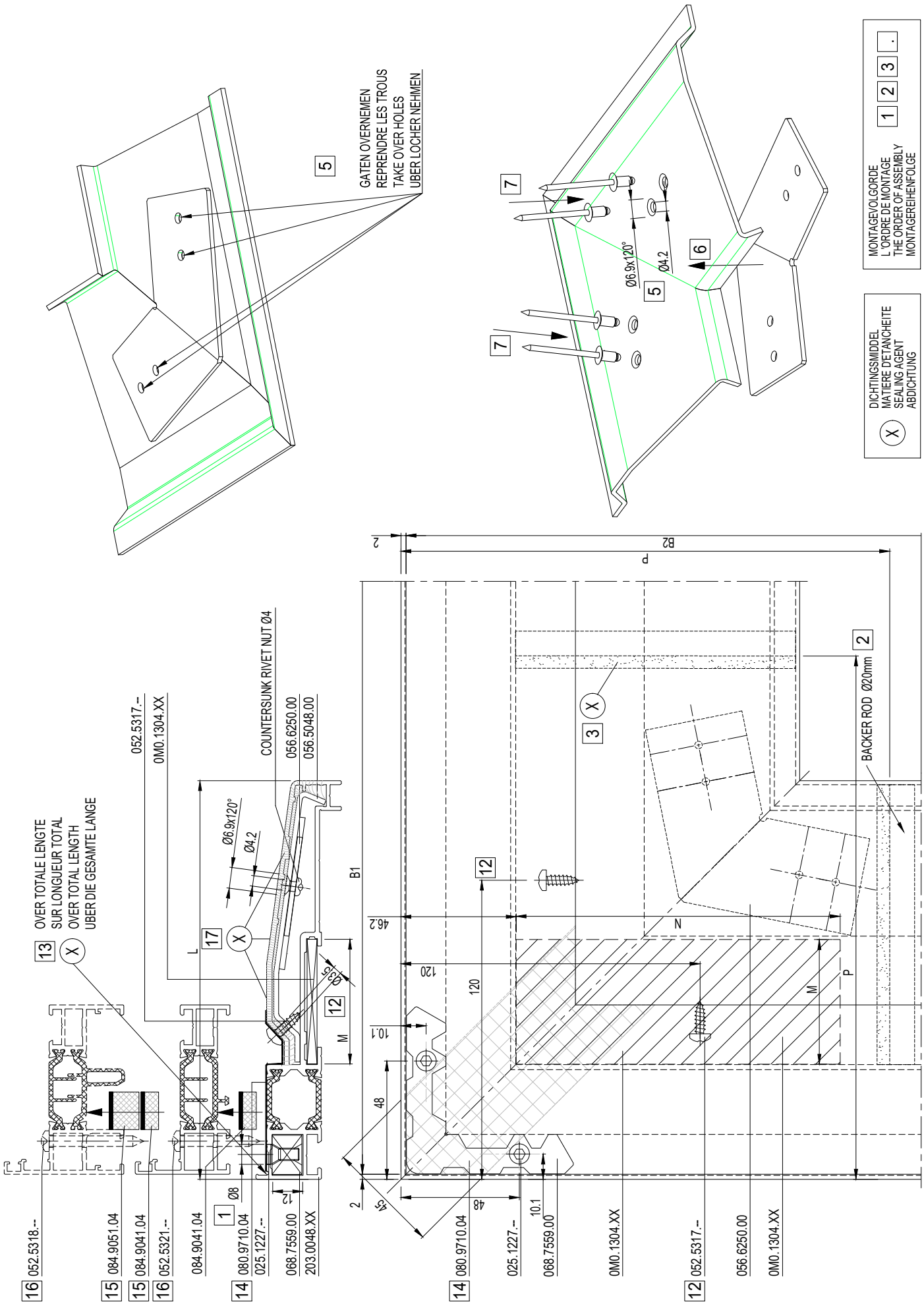
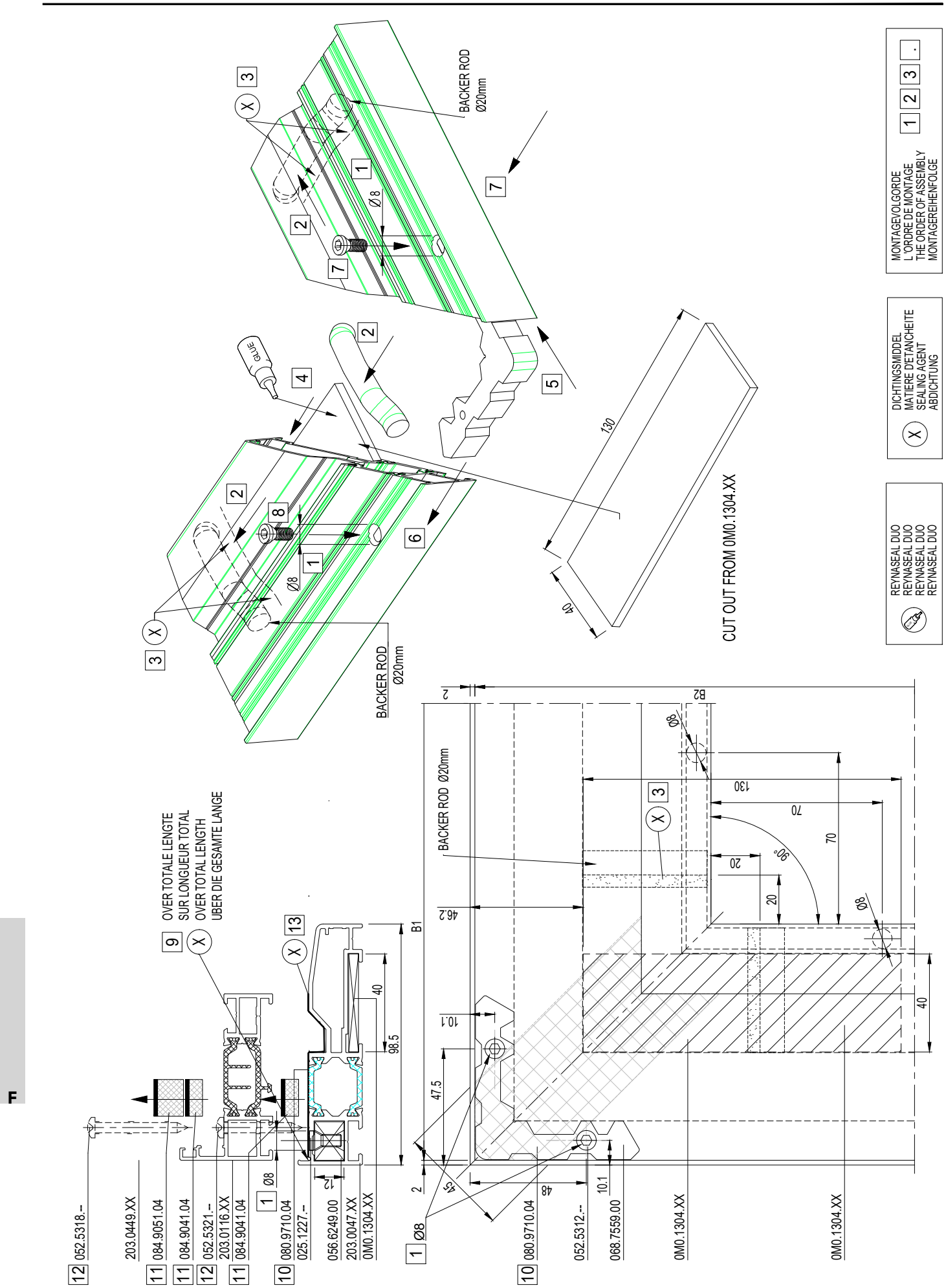
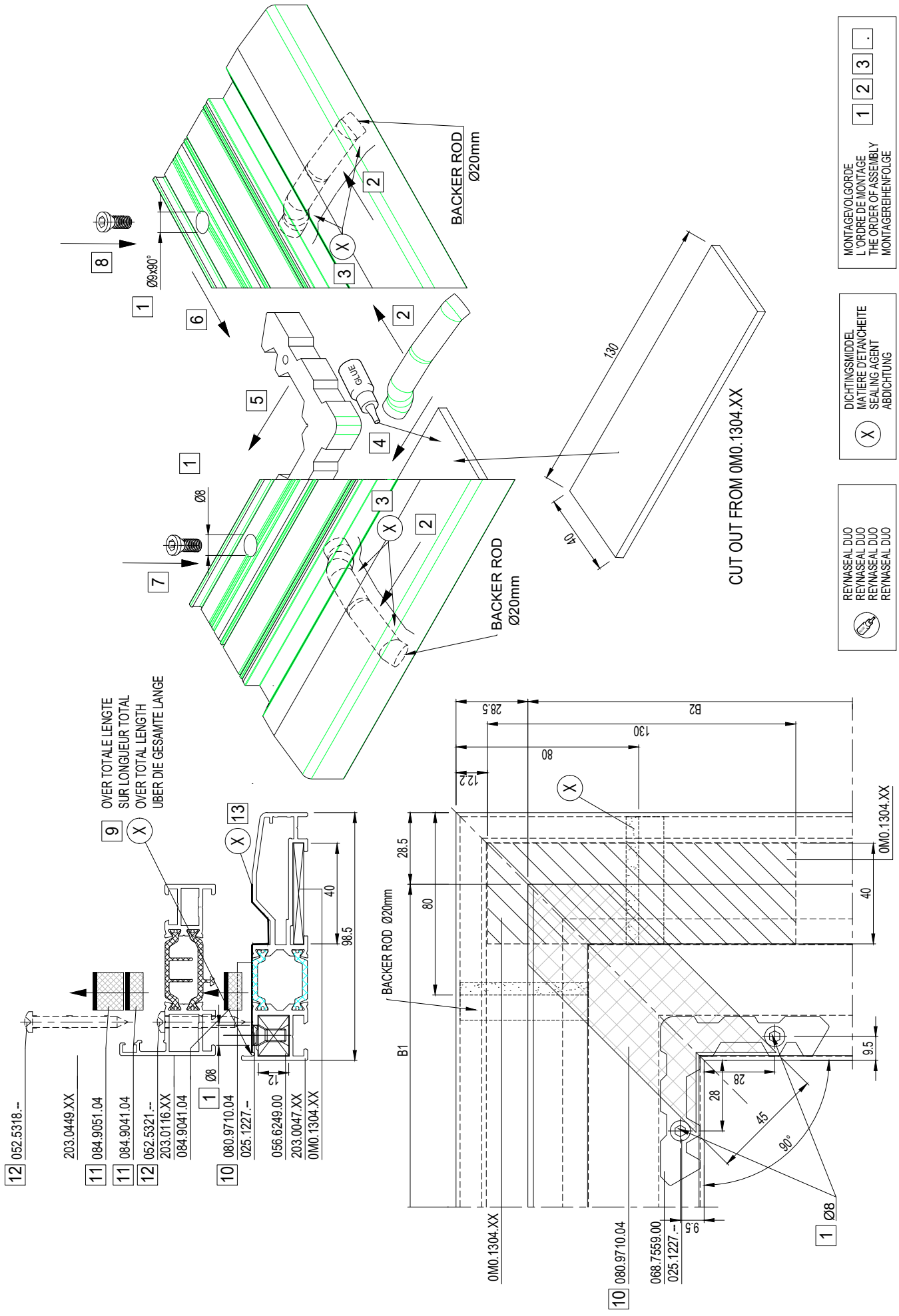
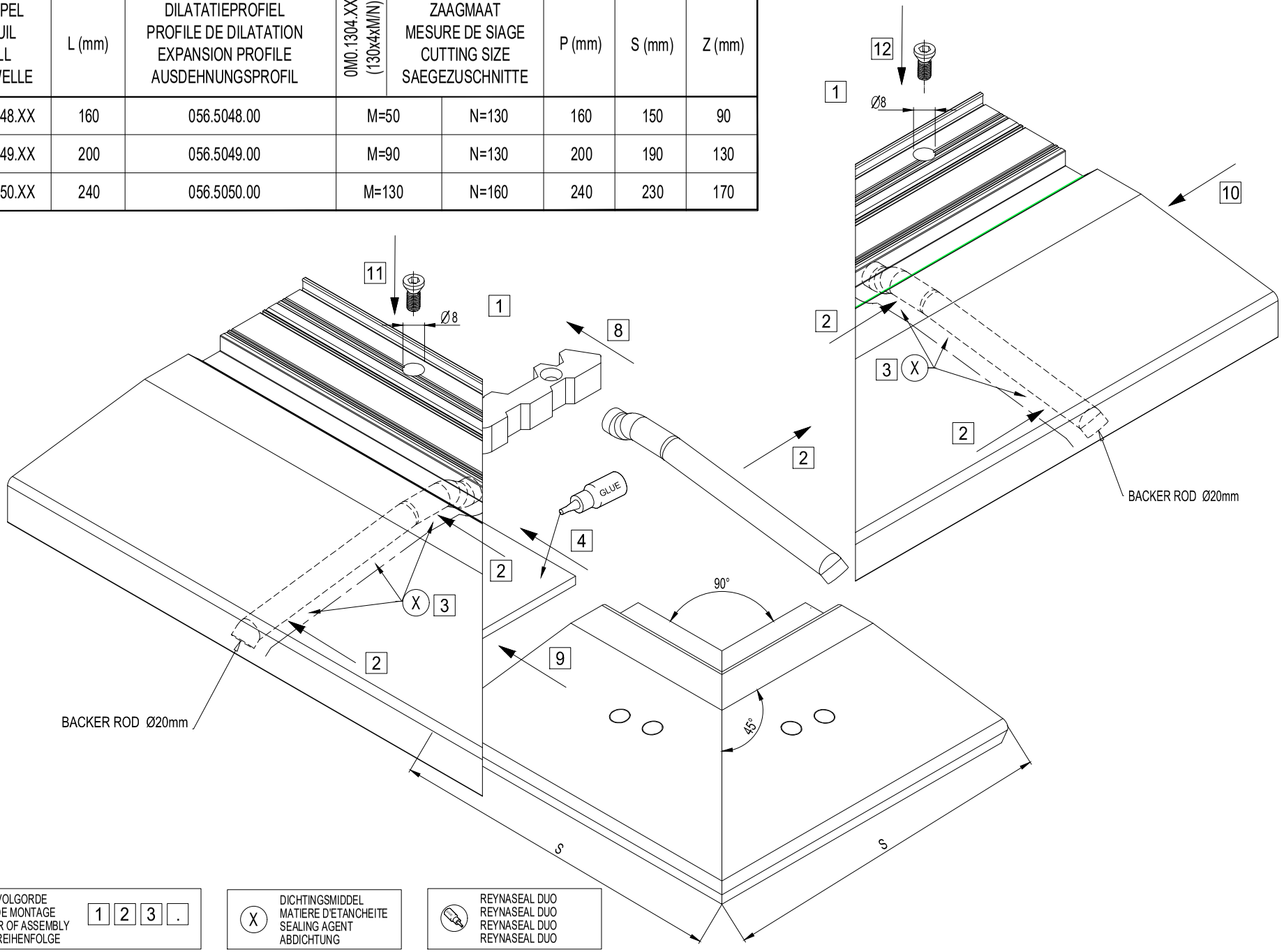

5
GATEN OVERNEMEN
REPRENDRE LES TROUS
TAKE OVER HOLES
UBER LOCHER NEHMEN
7
6
Ø6.9x120°
Ø4.2
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
X
OVER TOTALE LENGTE
SUR LONGUEUR TOTAL
OVER TOTAL LENGTH
UBER DIE GESAMTE LANGE
13
052.5317.--
0M0.1304.XX
COUNTERSUNK RIVET NUT Ø4
056.6250.00
056.5048.00
17
L
B1
B2
P
2
BACKER ROD Ø20mm
3
12
N
M
46.2
120
10.1
48
45°
052.5318.--
084.9051.04
084.9041.04
052.5321.--
084.9041.04
1
Ø8
080.9710.04
025.1227.--
068.7559.00
203.0048.XX
12
0M0.1304.XX
056.6250.00
052.5317.--


BACKER ROD Ø20mm
GLUE
CUT OUT FROM 0M0.1304.XX
130
40
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
OVER TOTALE LENGTE
SUR LONGUEUR TOTAL
OVER TOTAL LENGTH
UBER DIE GESAMTE LANGE
BACKER ROD Ø20mm
052.5318.--
203.0449.XX
084.9051.04
084.9041.04
052.5321.--
203.0116.XX
084.9041.04
080.9710.04
025.1227.--
056.6249.00
203.0047.XX
0M0.1304.XX
080.9710.04
052.5312.--
068.7559.00
0M0.1304.XX
0M0.1304.XX

PLAATSING ONDERDORPEL - BUITENHOEK 90°
FINITION LATERALE SEUIL - COIN EXTERIEUR 90°
SEALING SILL/THRESHOLD - OUTER CORNER 90°
MONTAGE WETTERSCHENKEL - AUSSENWINKEL 90°



DORPEL SEUIL SILL SCHWELLE	L (mm)	DILATATIEPROFIEL PROFILE DE DILATATION EXPANSION PROFILE AUSDEHNUNGSPROFIL	0M0.1304.XX (130x4xM/N)	ZAAGMAAT MESURE DE SIAGE CUTTING SIZE SAEGEZUSCHNITTE	P (mm)	S (mm)	Z (mm)
203.0048.XX	160	056.5048.00	M=50	N=130	160	150	90
203.0049.XX	200	056.5049.00	M=90	N=130	200	190	130
203.0050.XX	240	056.5050.00	M=130	N=160	240	230	170



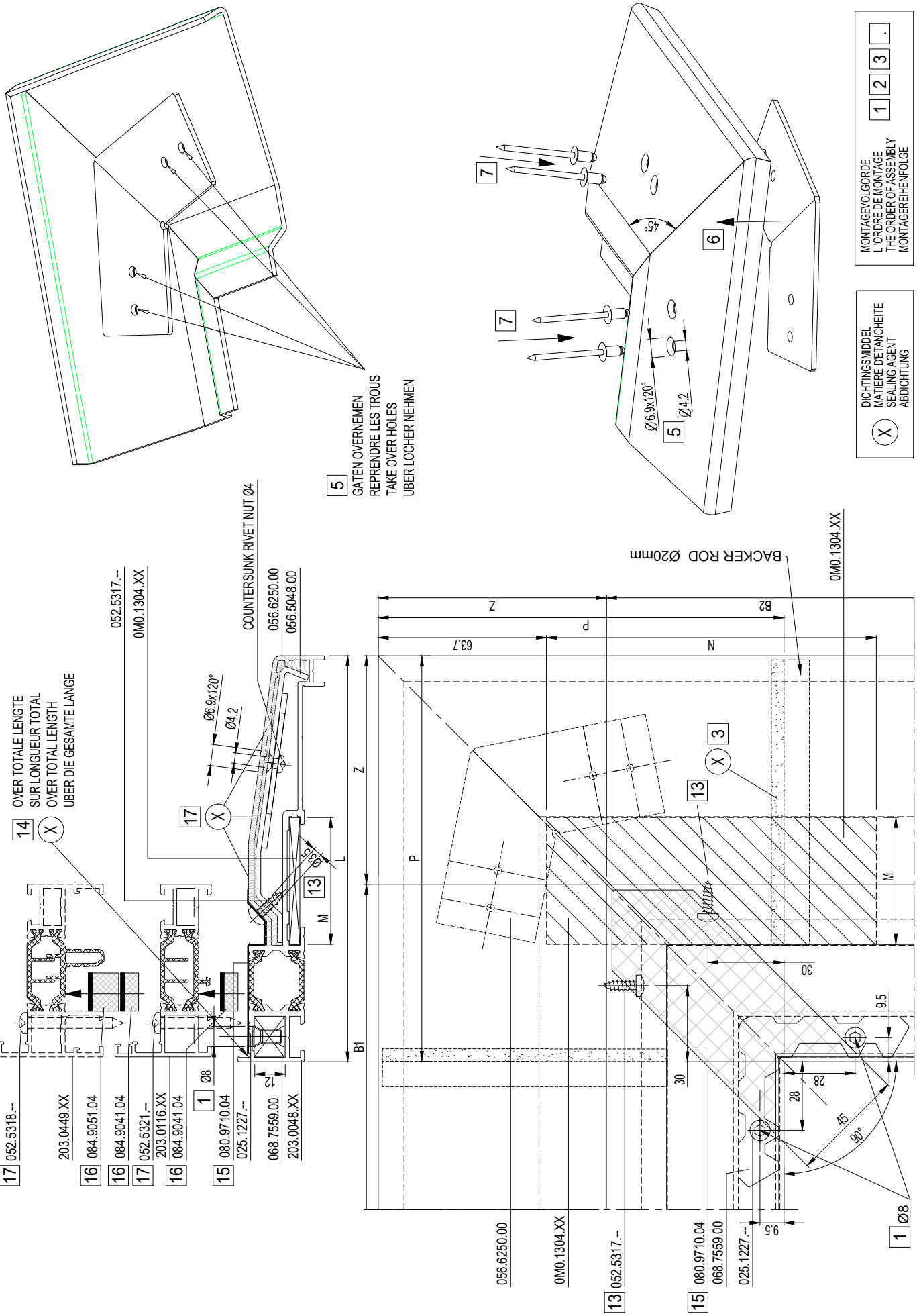
MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

X DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO

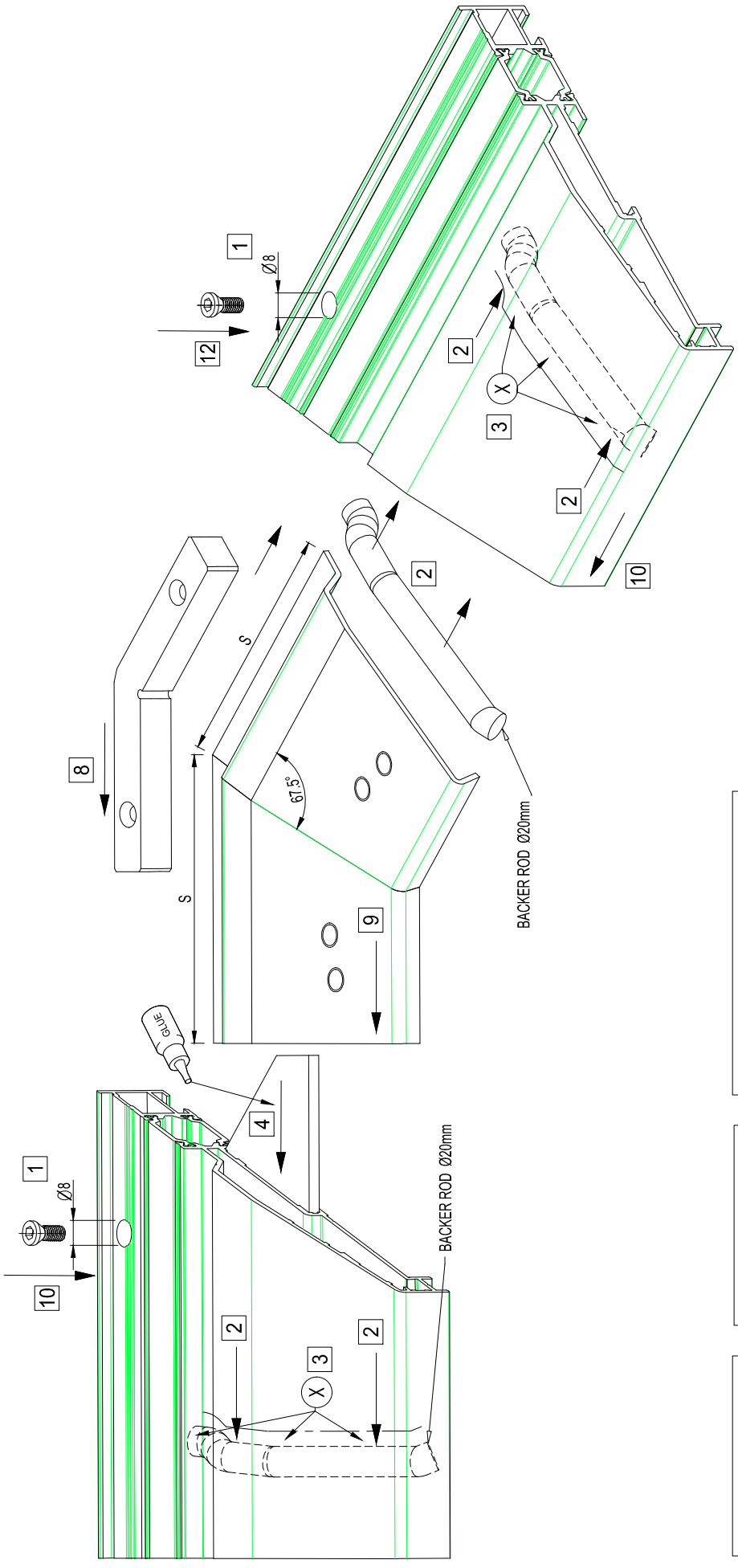
SL 68

PLAATSING ONDERDORPEL - BUITENHOEK 90°
FINITION LATERALE SEUIL - COIN EXTERIEUR 90°
SEALING SILL/THRESHOLD - OUTER CORNER 90°
MONTAGE WETTERSCHENKEL - AUSSENWINKEL 90°


5 GATEN OVERNEMEN
REPRENDRE LES TROUS
TAKE OVER HOLES
UBER LOCHER NEHMEN
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
X
7
6
5
45°
Ø6.9x120°
Ø4.2
BACKER ROD Ø20mm
0M0.1304.XX
COUNTERSUNK RIVET NUT Ø4
052.5317.--
0M0.1304.XX
056.6250.00
056.5048.00
OVER TOTALE LENGTE
SUR LONGUEUR TOTAL
OVER TOTAL LENGTH
UBER DIE GESAMTE LANGE
14
17
13
Z
P
B2
N
63.7
L
M
B1
12
Ø8
30
9.5
28
45
90°
17 052.5318.--
203.0449.XX
16 084.9051.04
16 084.9041.04
17 052.5321.--
203.0116.XX
16 084.9041.04
1 Ø8
15 080.9710.04
025.1227.--
068.7559.00
203.0048.XX
056.6250.00
0M0.1304.XX
13 052.5317.--
15 080.9710.04
068.7559.00
025.1227.--
1 Ø8

F

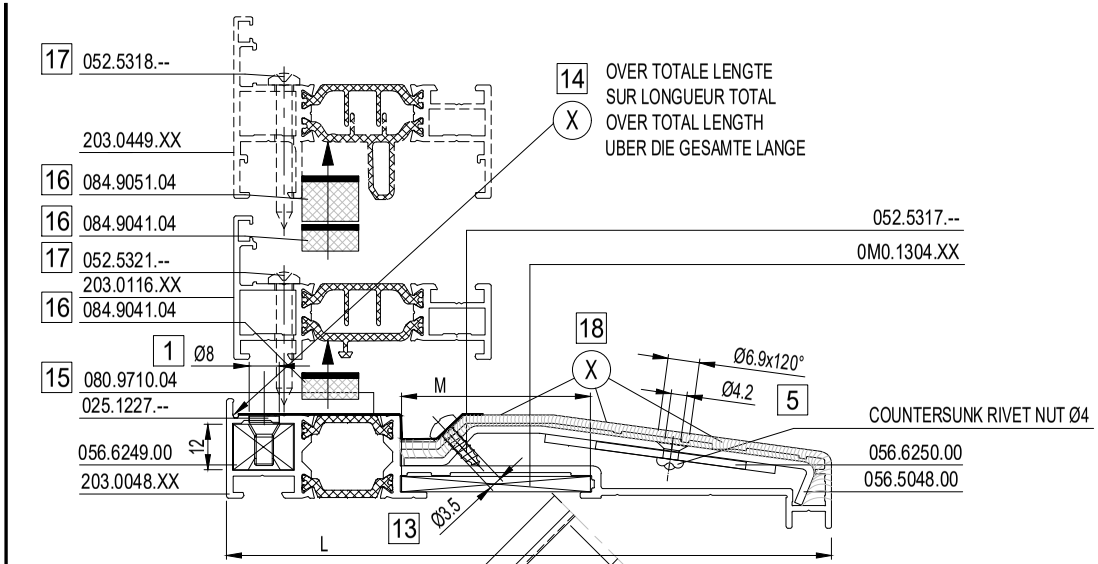
DORPEL SEUIL SILL SCHWELLE	L (mm)	DILATATIEPROFIEL PROFILE DE DILATATION EXPANSION PROFILE AUSDEHNUNGSPROFIL	ZAAGMAAT MESURE DE SIAGE CUTTING SIZE SAEGEZUSCHNITTE		P (mm)	R (mm)	S (mm)
		0M0.1304.XX (130x4xM/N)	M=50	N=130			
203.0048.XX	160	056.5048.00	M=50	N=130	130	16	120
203.0049.XX	200	056.5049.00	M=90	N=130	130	56	120
203.0050.XX	240	056.5050.00	M=130	N=130	150	111	140

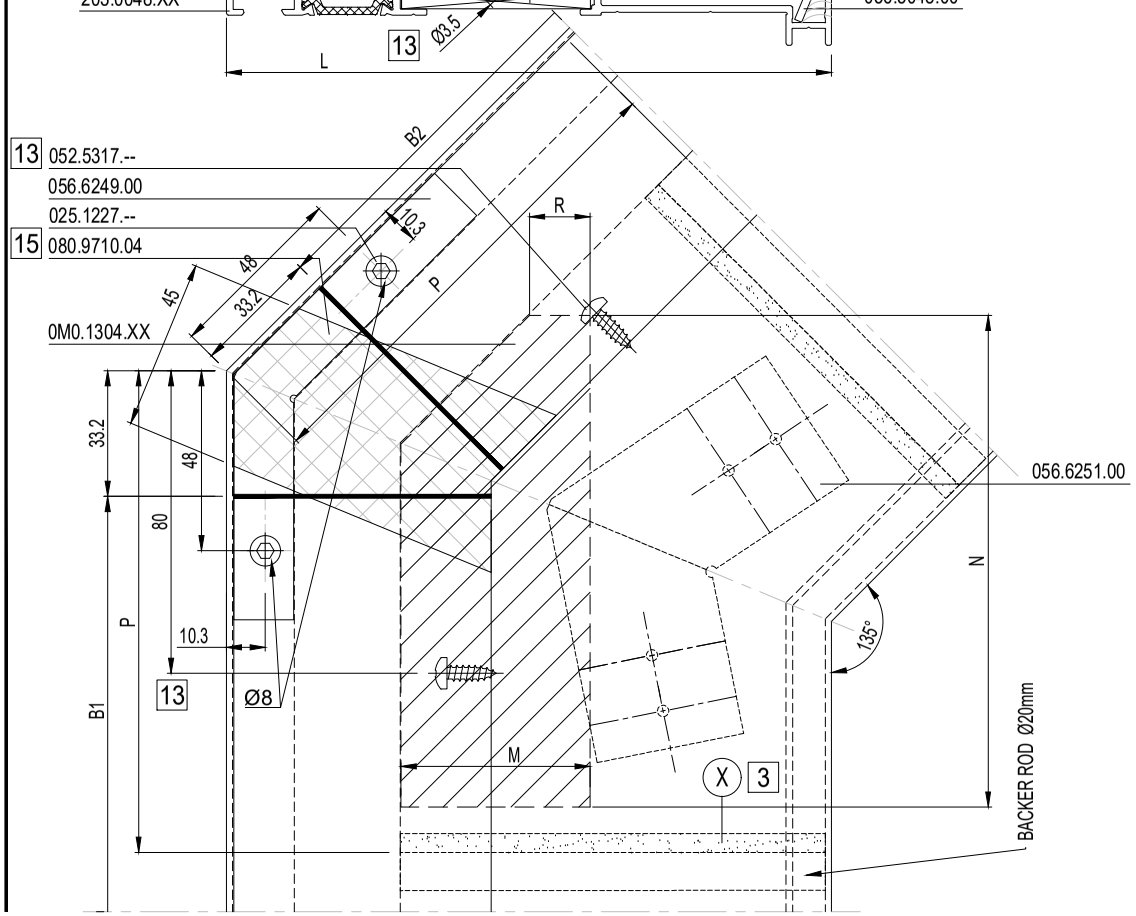


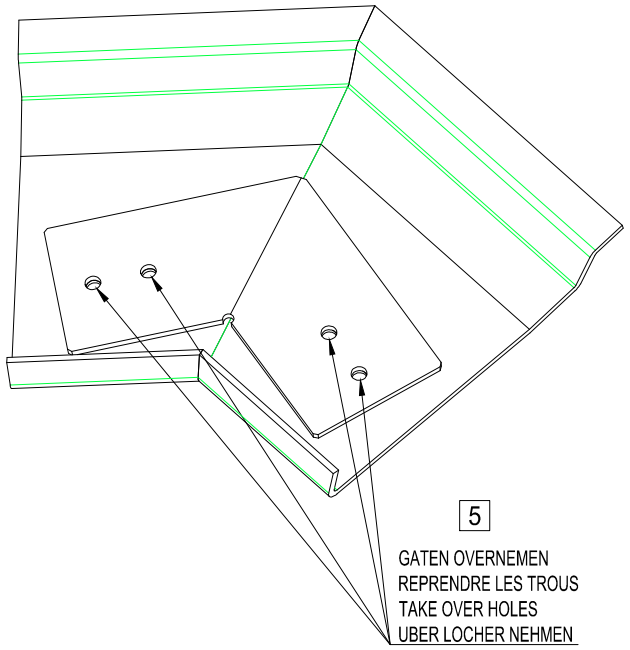
F

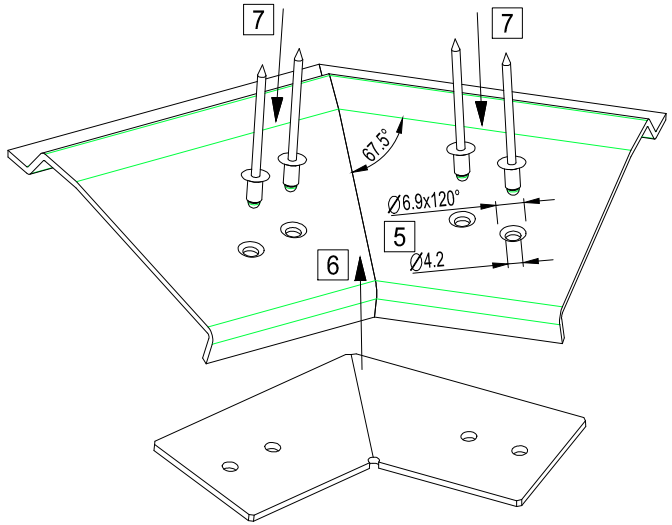
SL 68

PLAATSING ONDERDORPEL - BINNENHOEK 135°
FINITION LATERALE SEUIL - COIN INTERIEUR 135°
SEALING SILL/THRESHOLD - INNER CORNER 135°
MONTAGE WETTERSCHENKEL - INNENWINKEL 135°



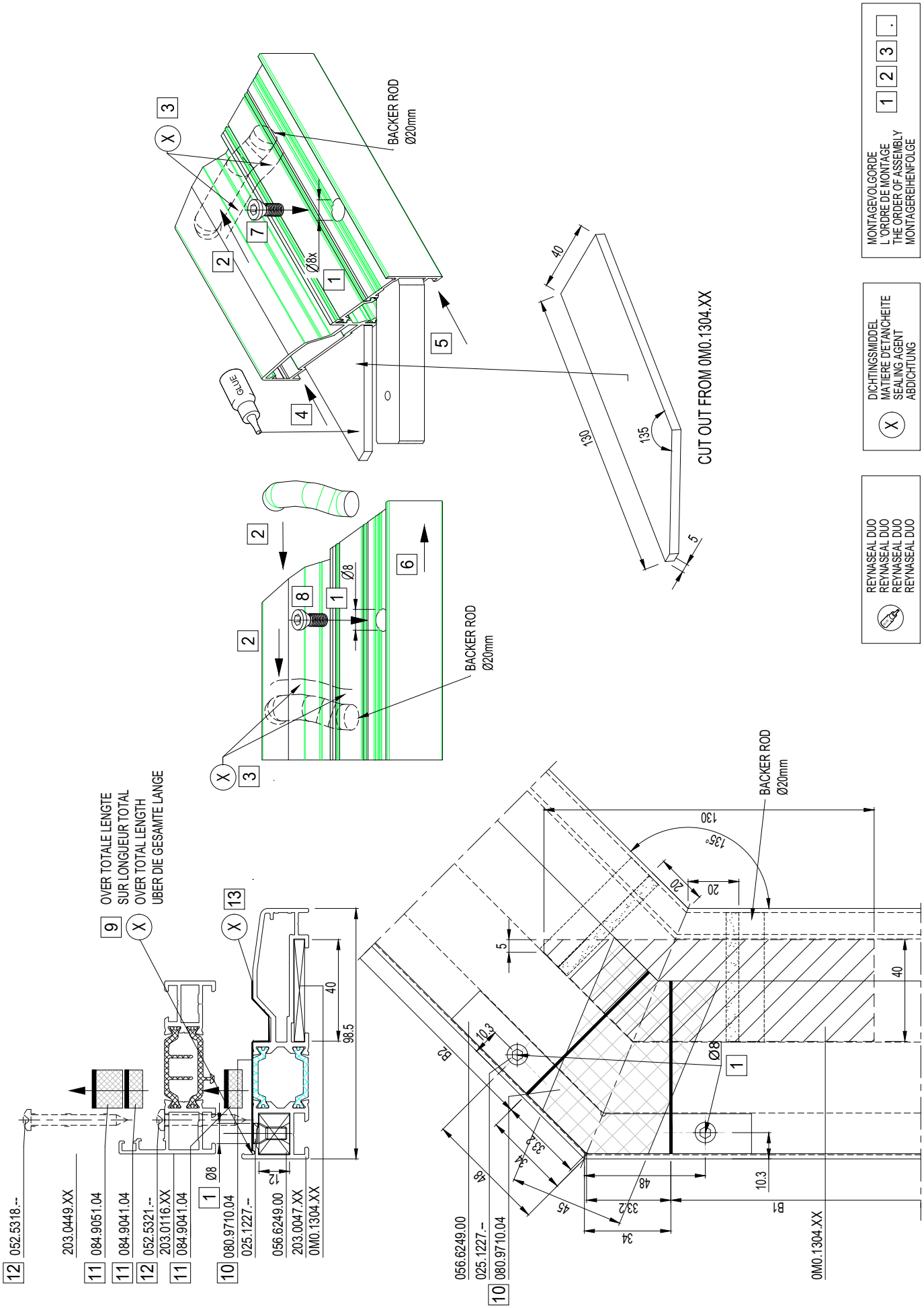




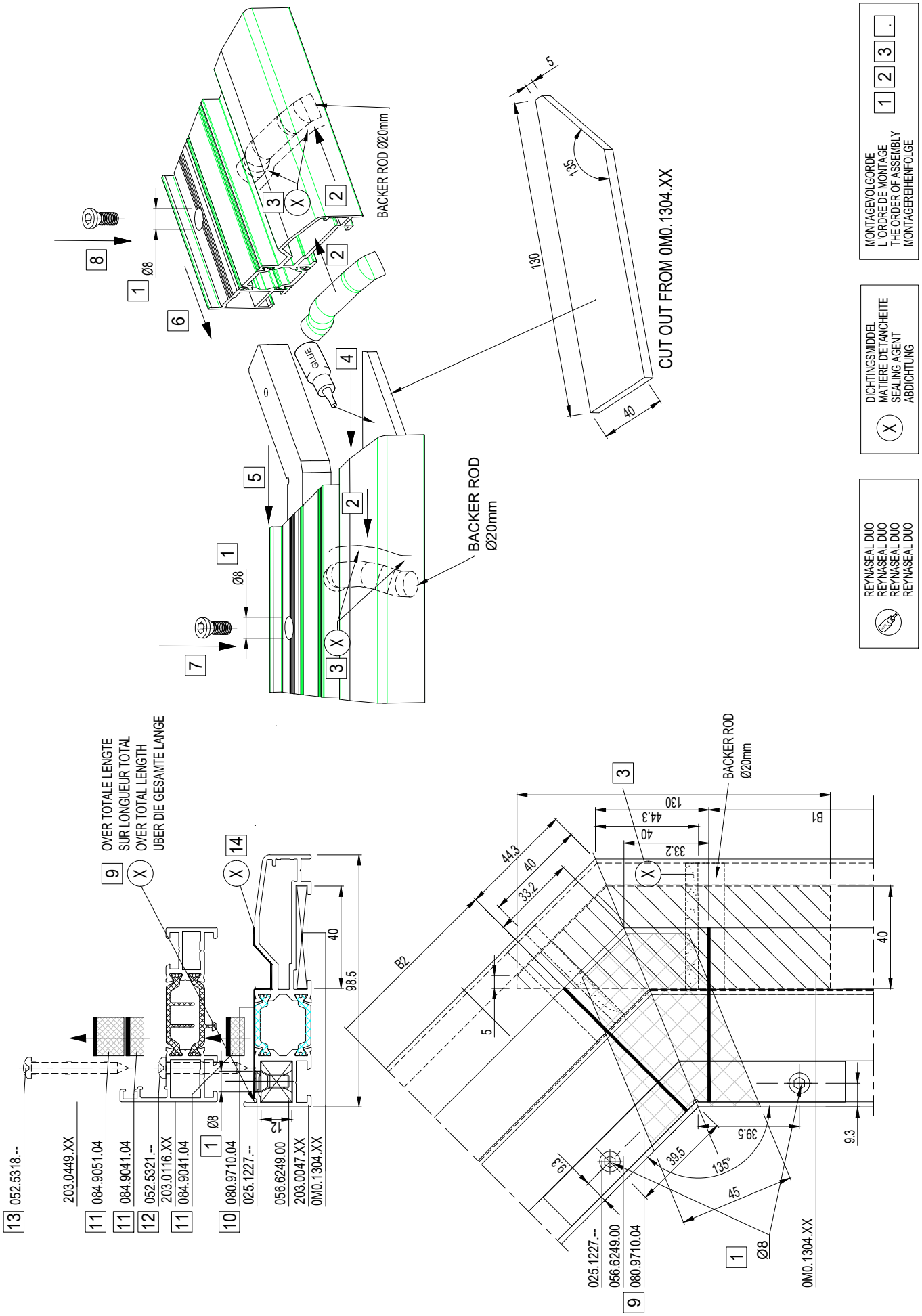


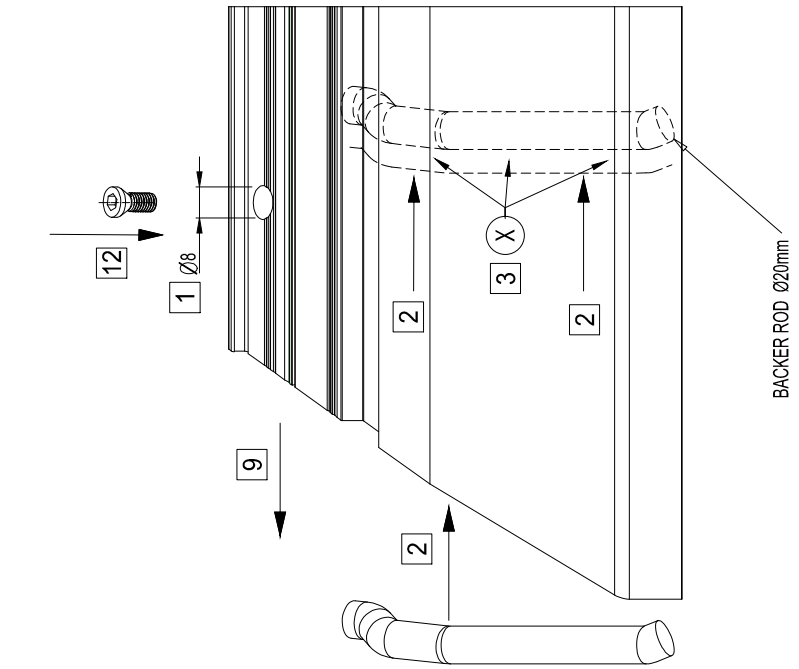
MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

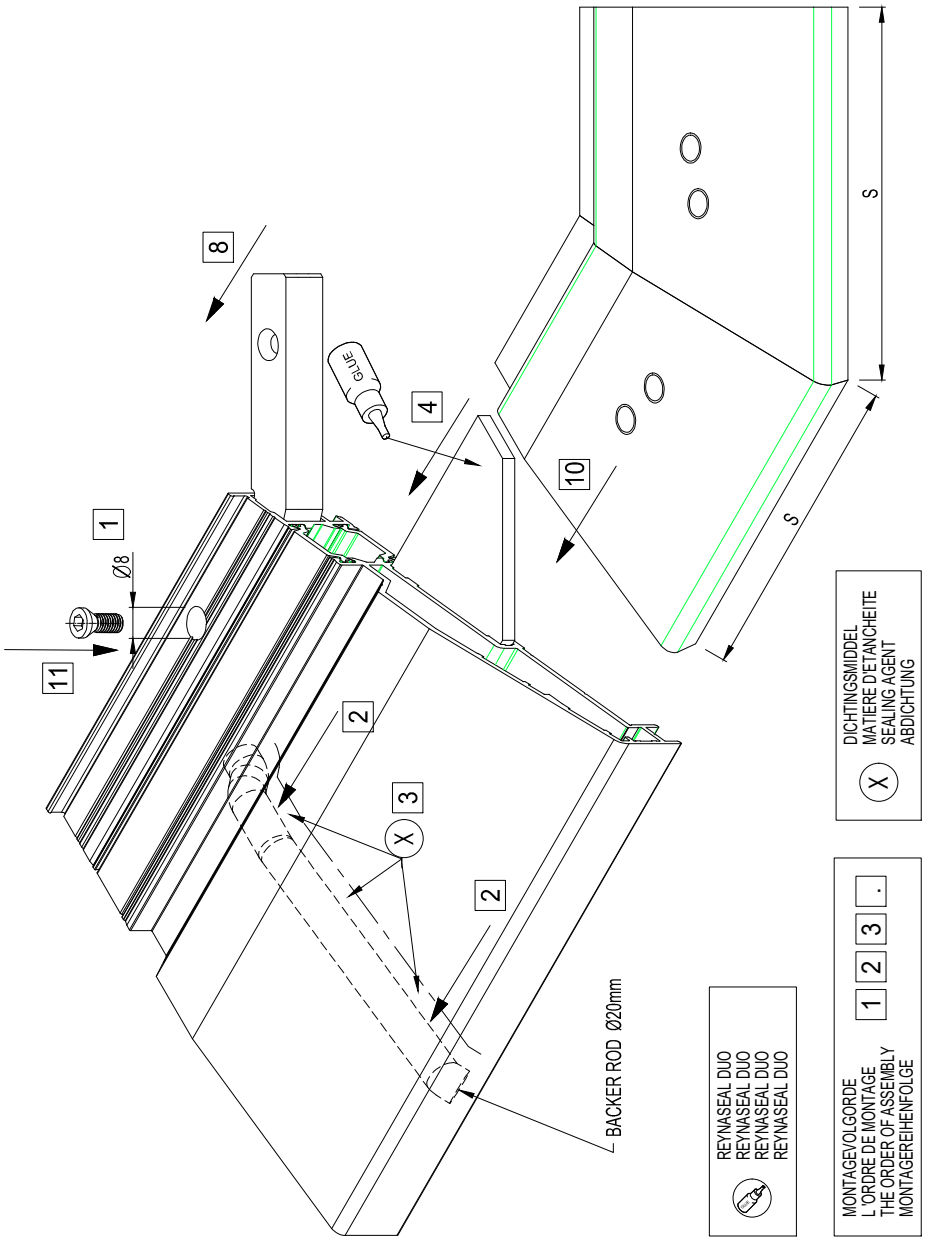
X DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG


MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
BACKER ROD
Ø20mm
CUT OUT FROM 0M0.1304.XX
OVER TOTALE LENGTE
SUR LONGUEUR TOTAL
OVER TOTAL LENGTH
UBER DIE GESAMTE LANGE
052.5318.--
203.0449.XX
084.9051.04
084.9041.04
052.5321.--
203.0116.XX
084.9041.04
080.9710.04
025.1227.--
056.6249.00
203.0047.XX
0M0.1304.XX
Ø8
Ø8x
glue
40
98.5
130
135
5
10.3
48
45
34
33.2
B1

PLAATSING ONDERDORPEL - BUITENHOEK 135°
FINITION LATERALE SEUIL - COIN EXTERIEUR 135°
SEALING SILL/THRESHOLD - OUTER CORNER 135°
MONTAGE WETTERSCHENKEL - AUSSENWINKEL 135°





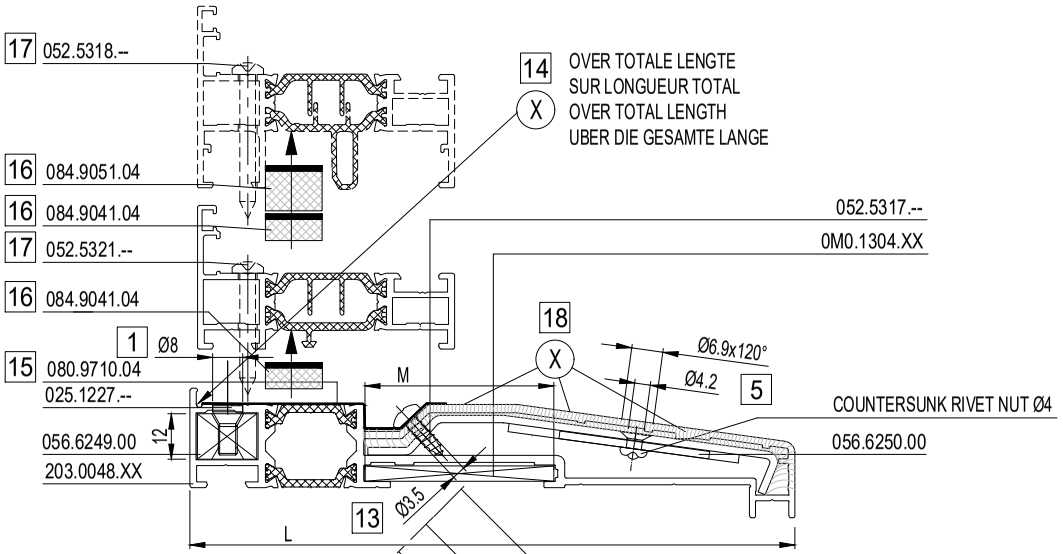


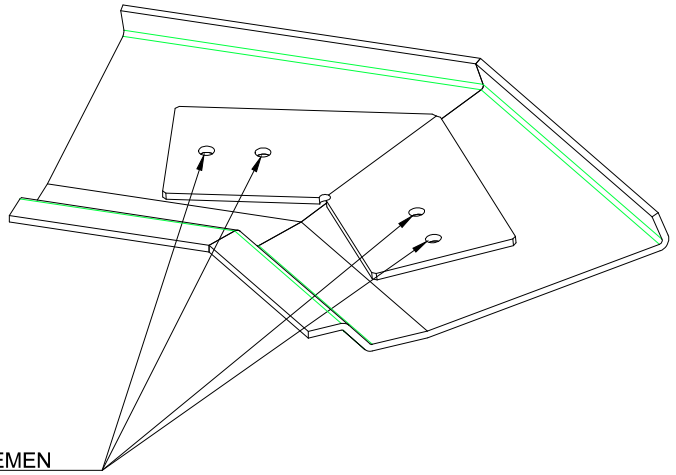
DORPEL SEUIL SILL SCHWELLE	L (mm)	DILATATIEPROFIEL PROFILE DE DILATATION EXPANSION PROFILE AUSDEHNUNGSPROFIL	ZAAGMAAT MESURE DE SIAGE CUTTING SIZE SAEGEZUSCHNITTE		P (mm)	R (mm)	S (mm)	Z (mm)
			0M0.1304.XX (130x4xM/N)	M=50	N=130			
203.0048.XX	160	056.5048.00			120	16	110	70.5
203.0049.XX	200	056.5049.00		M=90	N=130	56	120	87
203.0050.XX	240	056.5050.00		M=130	N=120	111	140	103.6

F

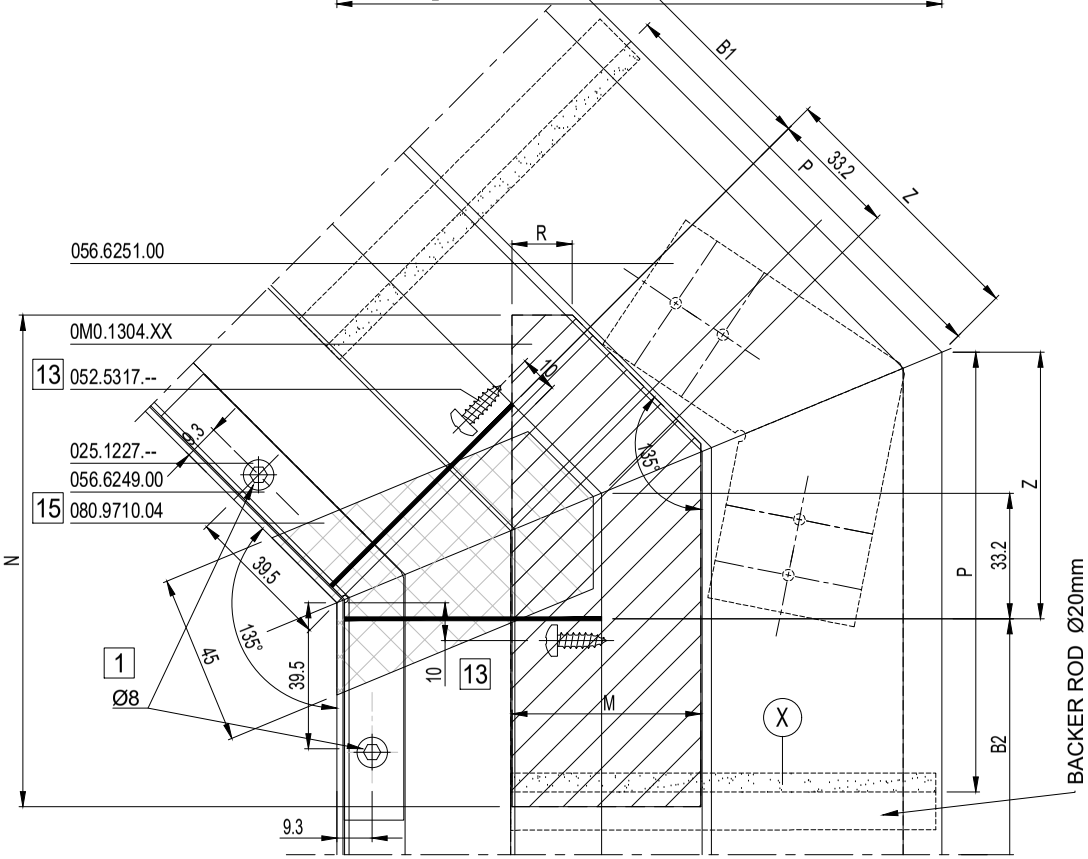
SL 68

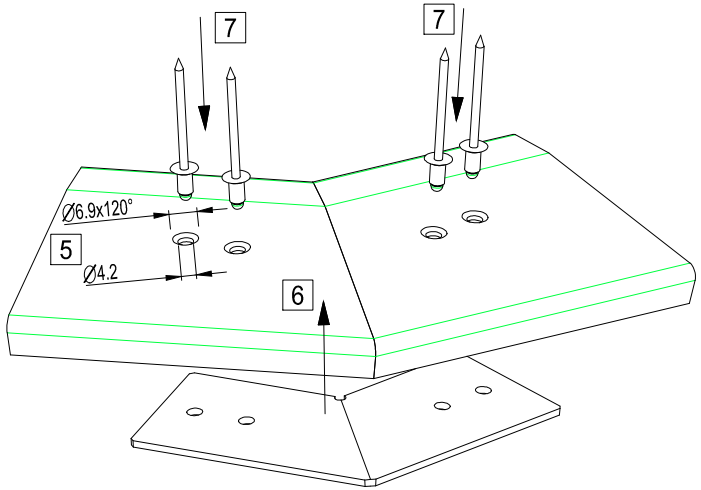
PLAATSING ONDERDORPEL - BUITENHOEK 135°
FINITION LATERALE SEUIL - COIN EXTERIEUR 135°
SEALING SILL/THRESHOLD - OUTER CORNER 135°
MONTAGE WETTERSCHENKEL - AUSSENWINKEL 135°





GATEN OVERNEMEN
REPRENDRE LES TROUS
TAKE OVER HOLES
UBER LOCHER NEHMEN

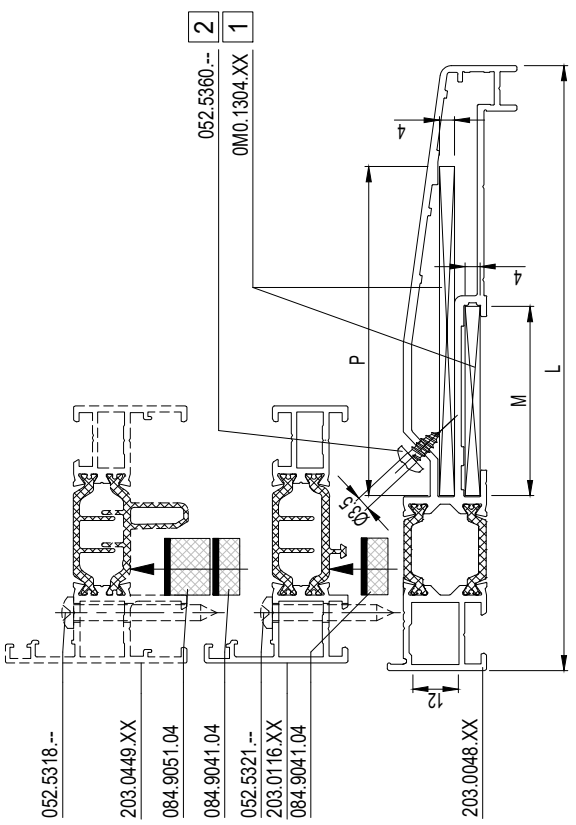


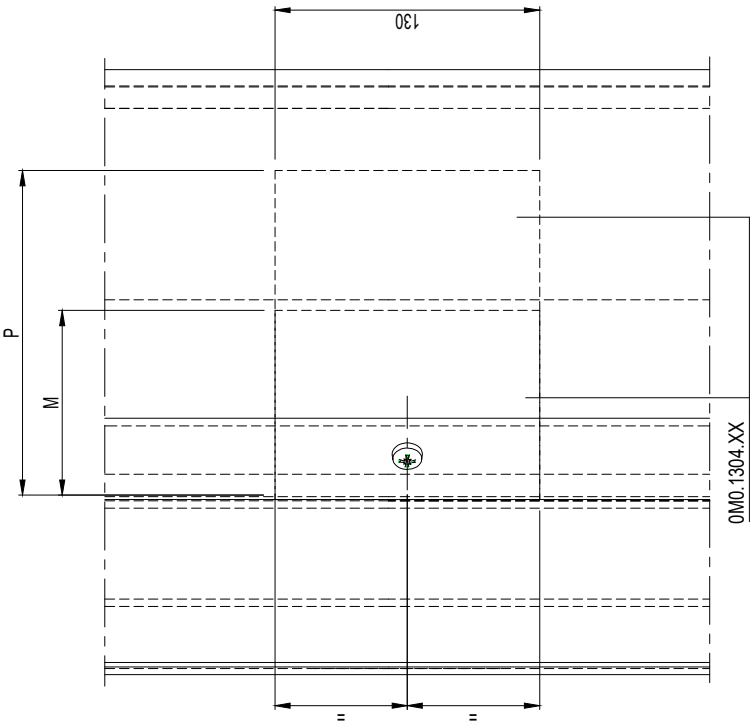


X DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

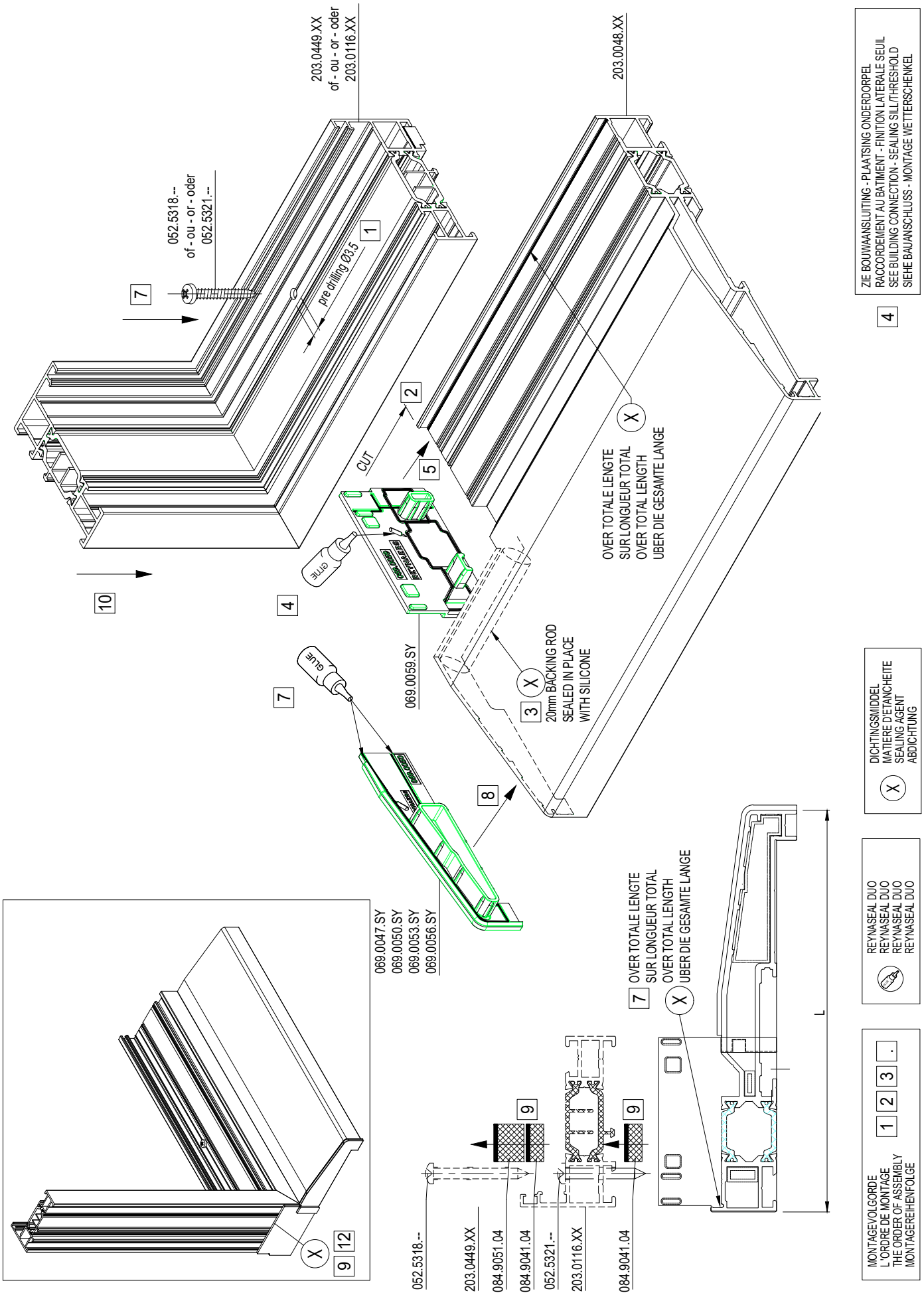
MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

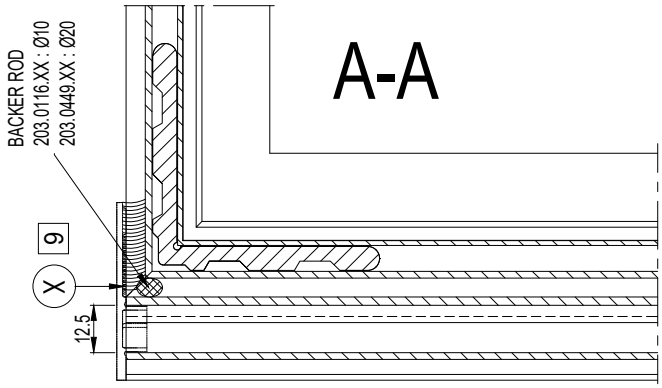
DORPEL SEUIL SILL SCHWELLE	L (mm)	ZAAGMAAT MESURE DE SIAGE CUTTING SIZE SAEGEZUSCHNITTE 0M0.1304.XX (mm)	
		M=50	P=87
203.0048.XX	160		
203.0049.XX	200	M=90	P=128
203.0050.XX	240	M=130	P=167

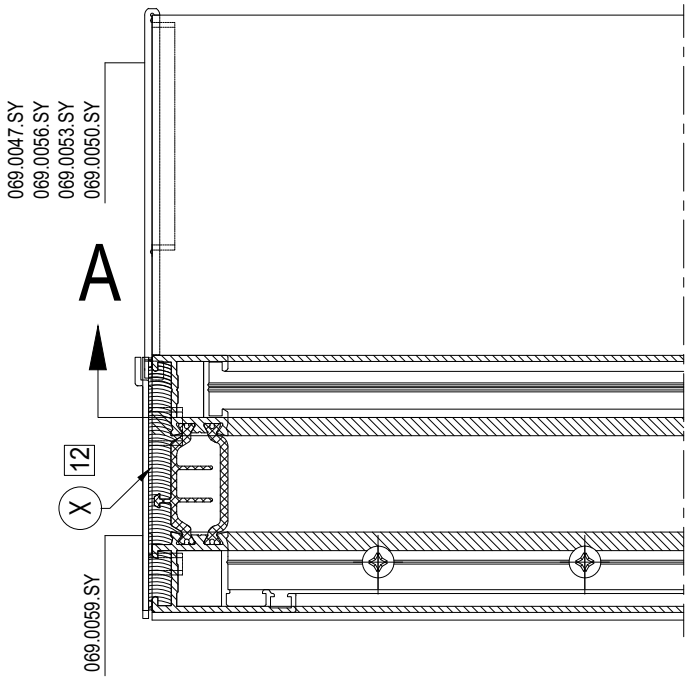




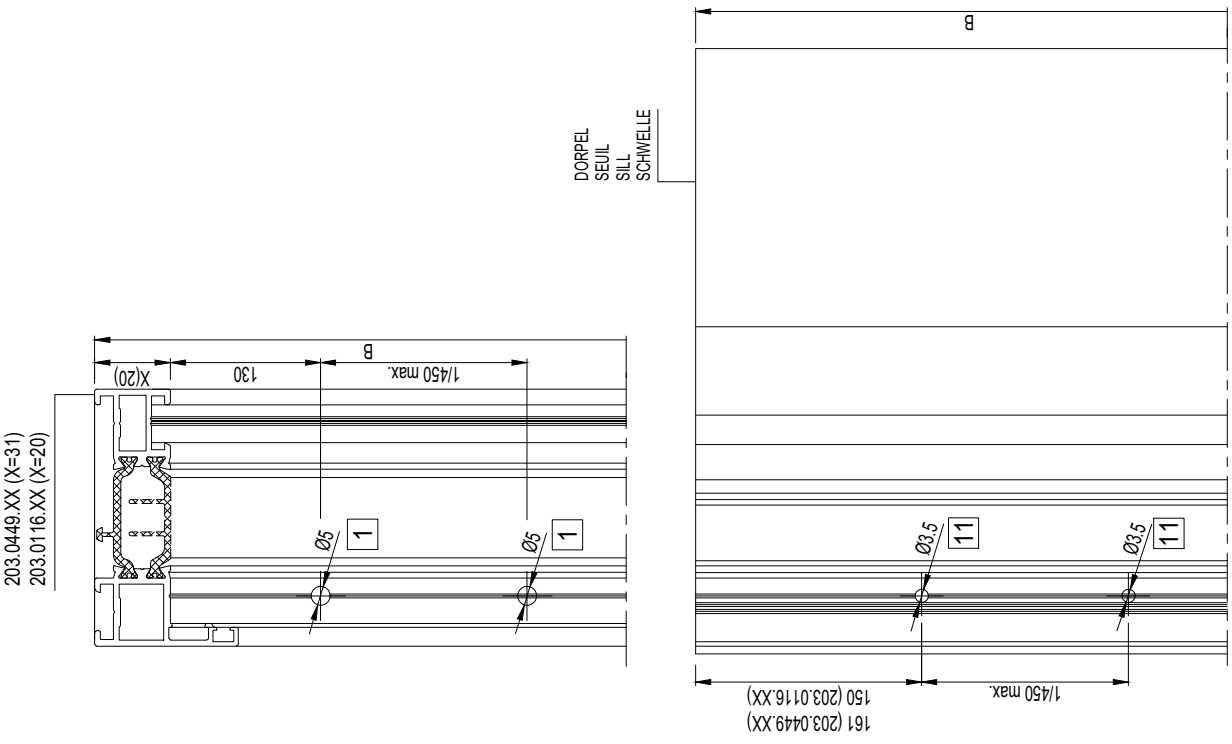
F


203.0449.XX
of - ou - or - oder
203.0116.XX
203.0048.XX
052.5318.--
of - ou - or - oder
052.5321.--
pre drilling Ø3.5
CUT
OVER TOTALE LENGTE
SUR LONGUEUR TOTAL
OVER TOTAL LENGTH
UBER DIE GESAMTE LANGE
20mm BACKING ROD
SEALED IN PLACE
WITH SILICONE
069.0059.SY
069.0047.SY
069.0050.SY
069.0053.SY
069.0056.SY
052.5318.--
203.0449.XX
084.9051.04
084.9041.04
052.5321.--
203.0116.XX
084.9041.04
ZIE BOUWAANSLUITING - PLAATSING ONDERDORPEL
RACCORDEMENT AU BATIMENT - FINITION LATERALE SEUIL
SEE BUILDING CONNECTION - SEALING SILL/THRESHOLD
SIEHE BAUANSCHLUSS - MONTAGE WETTERSCHENKEL
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .





DORPEL SEUIL SILL SCHWELLE	L (mm)	EINDSTUK DORPEL PIECE D'EXTREMITE SEUIL END PIECE SILL ENDSTUECKWETTERSCHENKEL
203.0047.XX	98.5	069.0059.SY + 069.0047.SY
203.0048.XX	160	069.0059.SY + 069.0050.SY
203.0049.XX	200	069.0059.SY + 069.0053.SY
203.0050.XX	240	069.0059.SY + 069.0056.SY

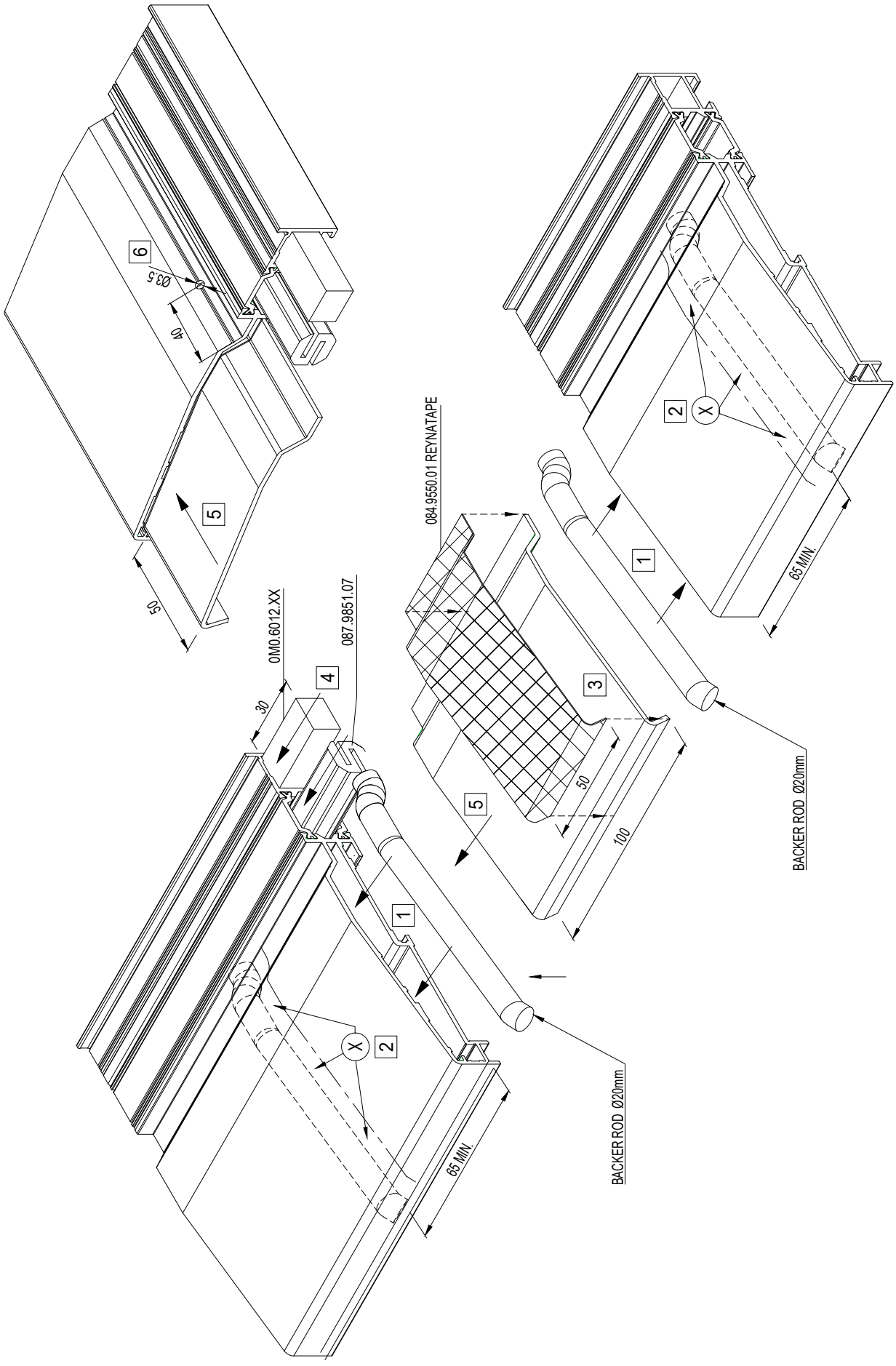


DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
X

REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

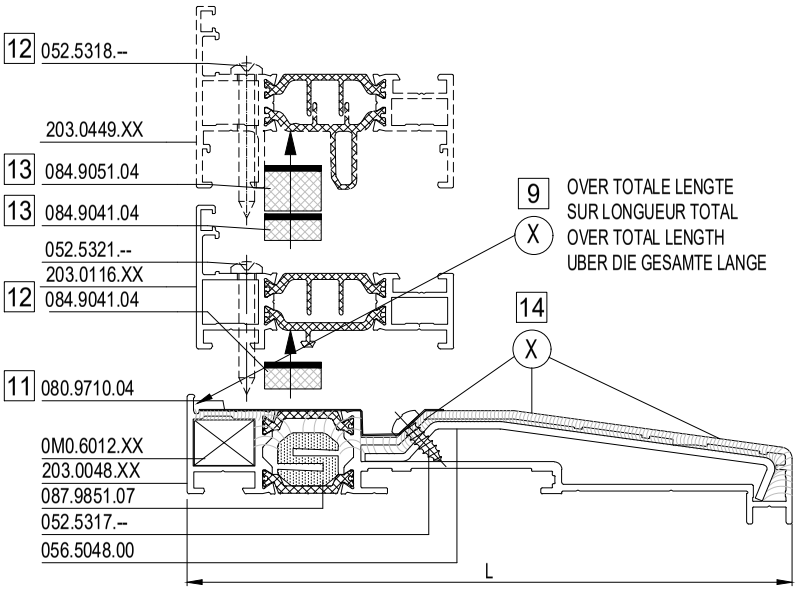
F

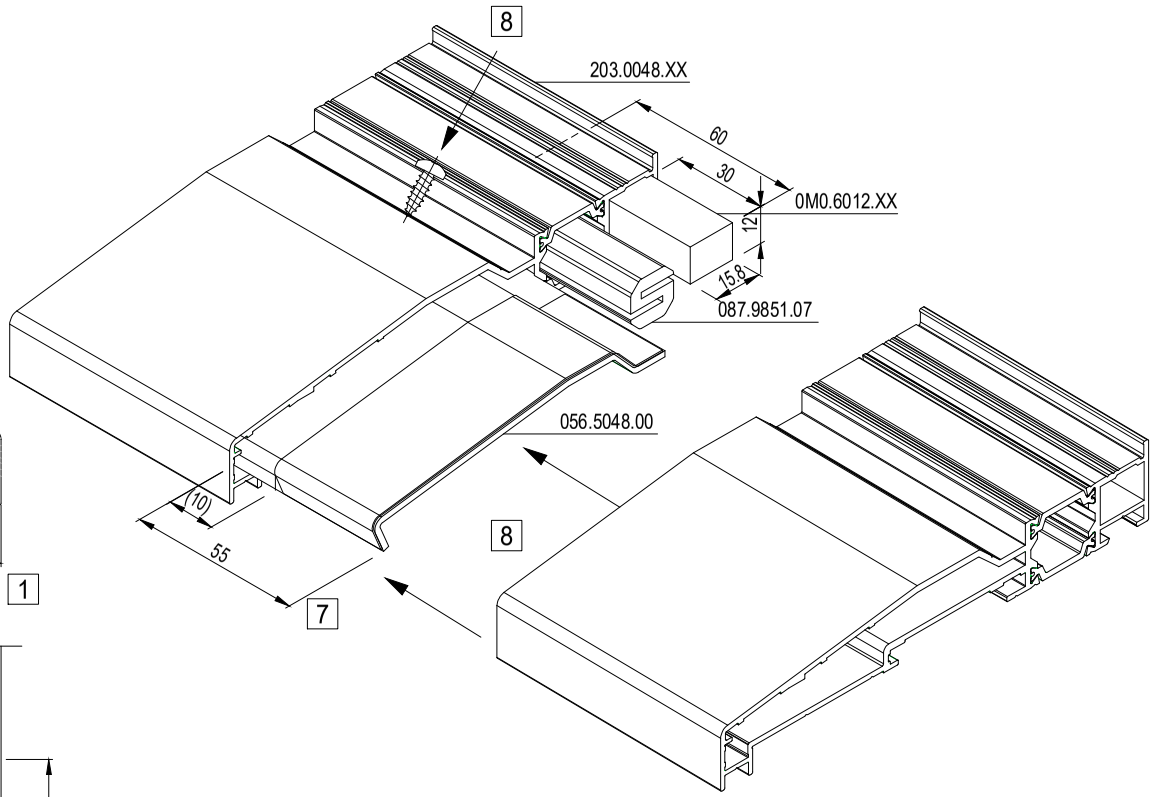

6
Ø3.5
40
5
50
OM0.6012.XX
087.9851.07
4
30
084.9550.01 REYNATAPE
3
5
50
100
1
2
X
65 MIN
BACKER ROD Ø20mm
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

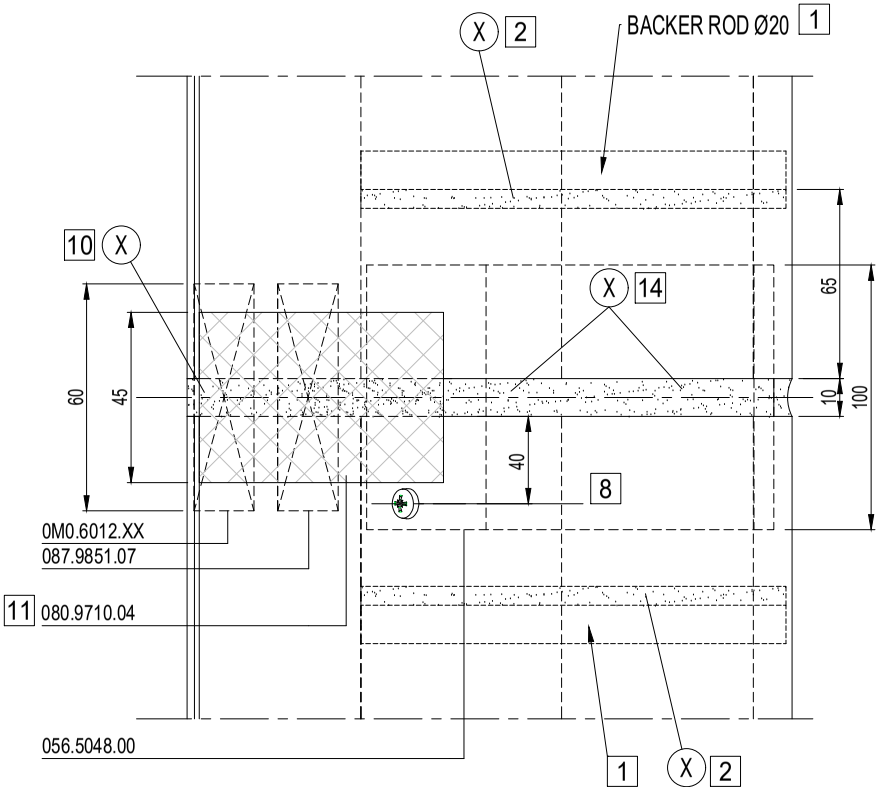
F

SL 68

PLAATSING ONDERDORPEL - DILATATIEPROFIEL
FINITION LATERALE SEUIL - PROFILE DE DILATATION
SEALING SILL/THRESHOLD - EXPASION PROFILE
MONTAGE WETTERSCHENKEL - AUSDEHNUNGSPROFIL







DORPEL SEUIL SILL SCHWELLE	L (mm)	DILATATIEPROFIEL PROFILE DE DILATATION EXPANSION PROFILE AUSDEHNUNGSPROFIL
203.0047.XX	98.5	056.5047.00
203.0048.XX	160	056.5048.00
203.0049.XX	200	056.5049.00
203.0050.XX	240	056.5050.00

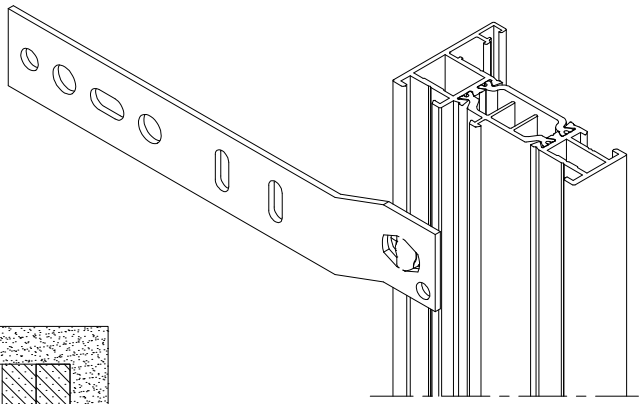
X DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

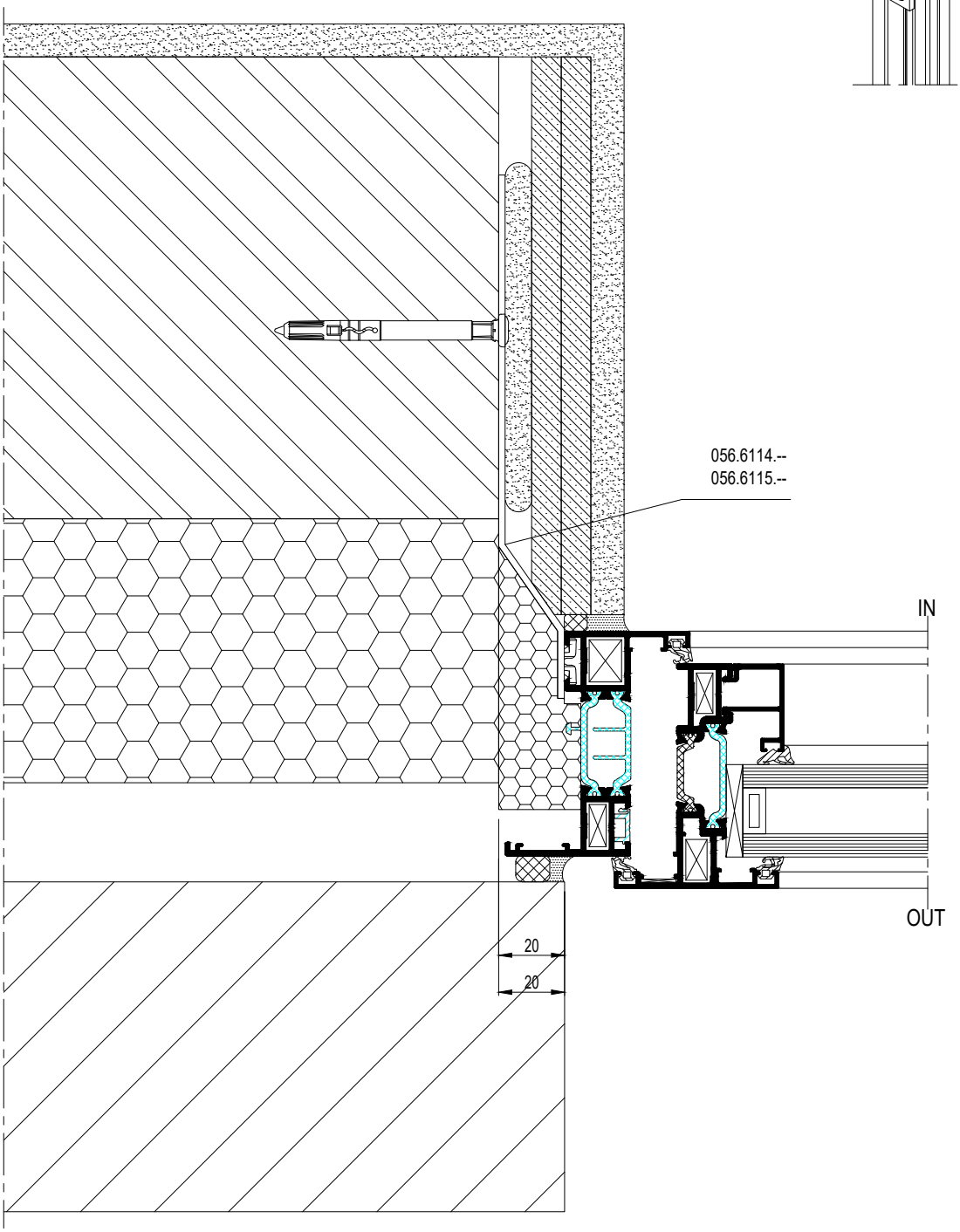
MONTAGEVOLGORDE
L 'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE
1 2 3 .

Reynaers Aluminium

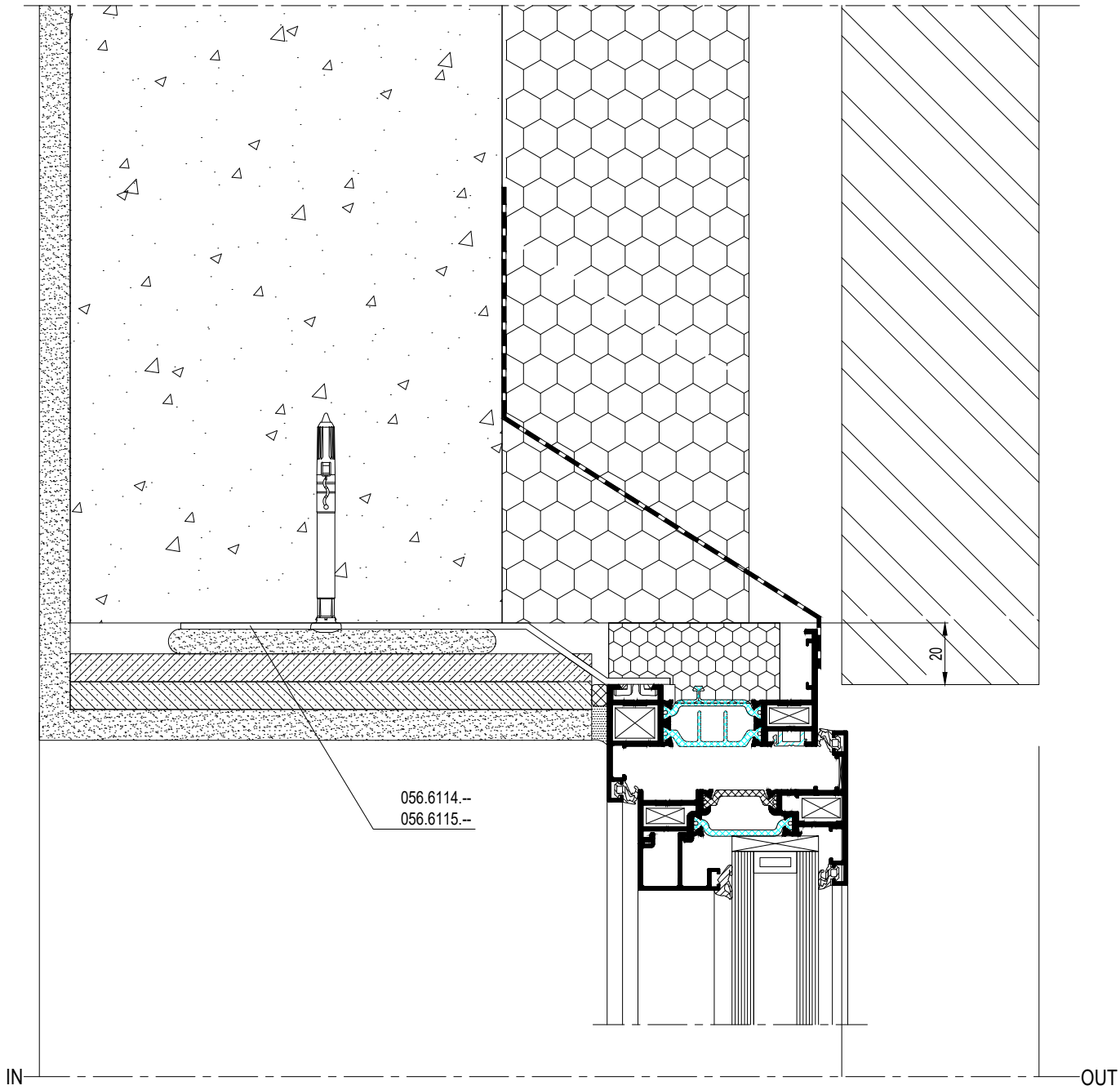
D0100992
SL 68 WINDOW SILL/TRESHOLD ACAD Documentation

16K.F.121
03/2017





schaal - échelle
scale - Maßstab
1/2



schaal - échelle
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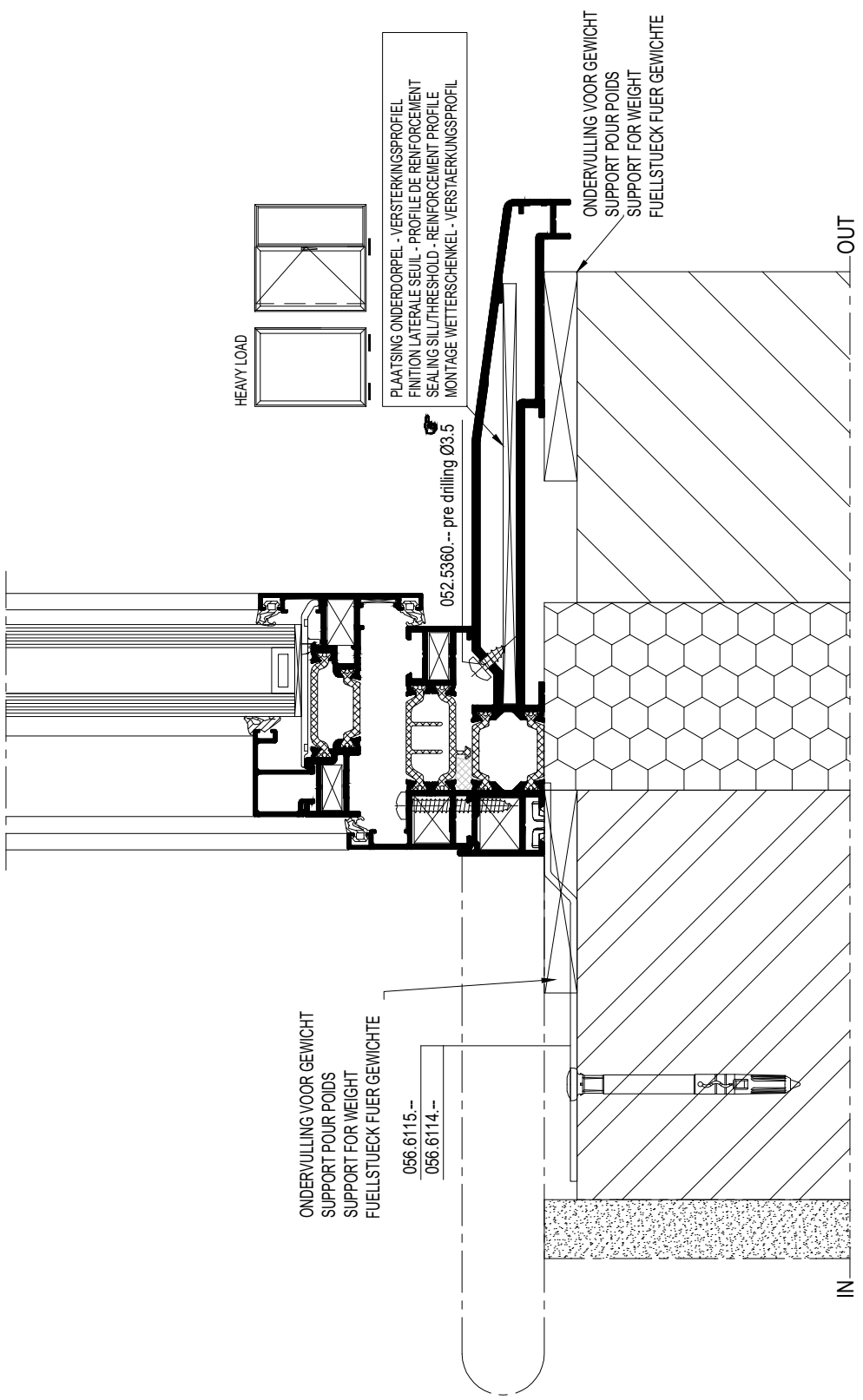
1/2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PLAATSING ONDERDORPEL - VERSTERKINGSPROFIEL
FINITION LATERALE SEUIL - PROFILE DE RENFORCEMENT
SEALING SILL/THRESHOLD - REINFORCEMENT PROFILE
MONTAGE WETTERSCHENKEL - VERSTAERKUNGSPROFIL
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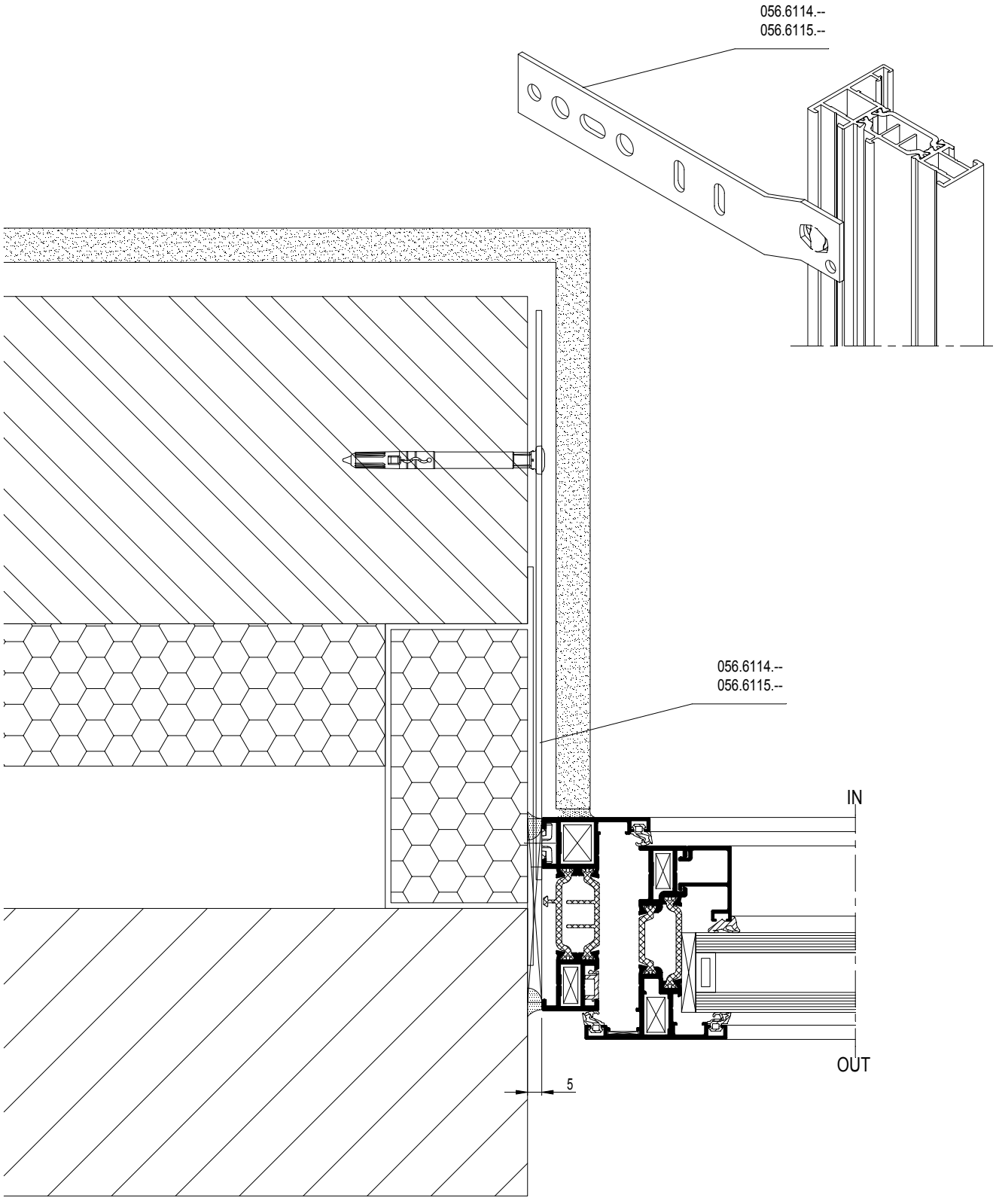
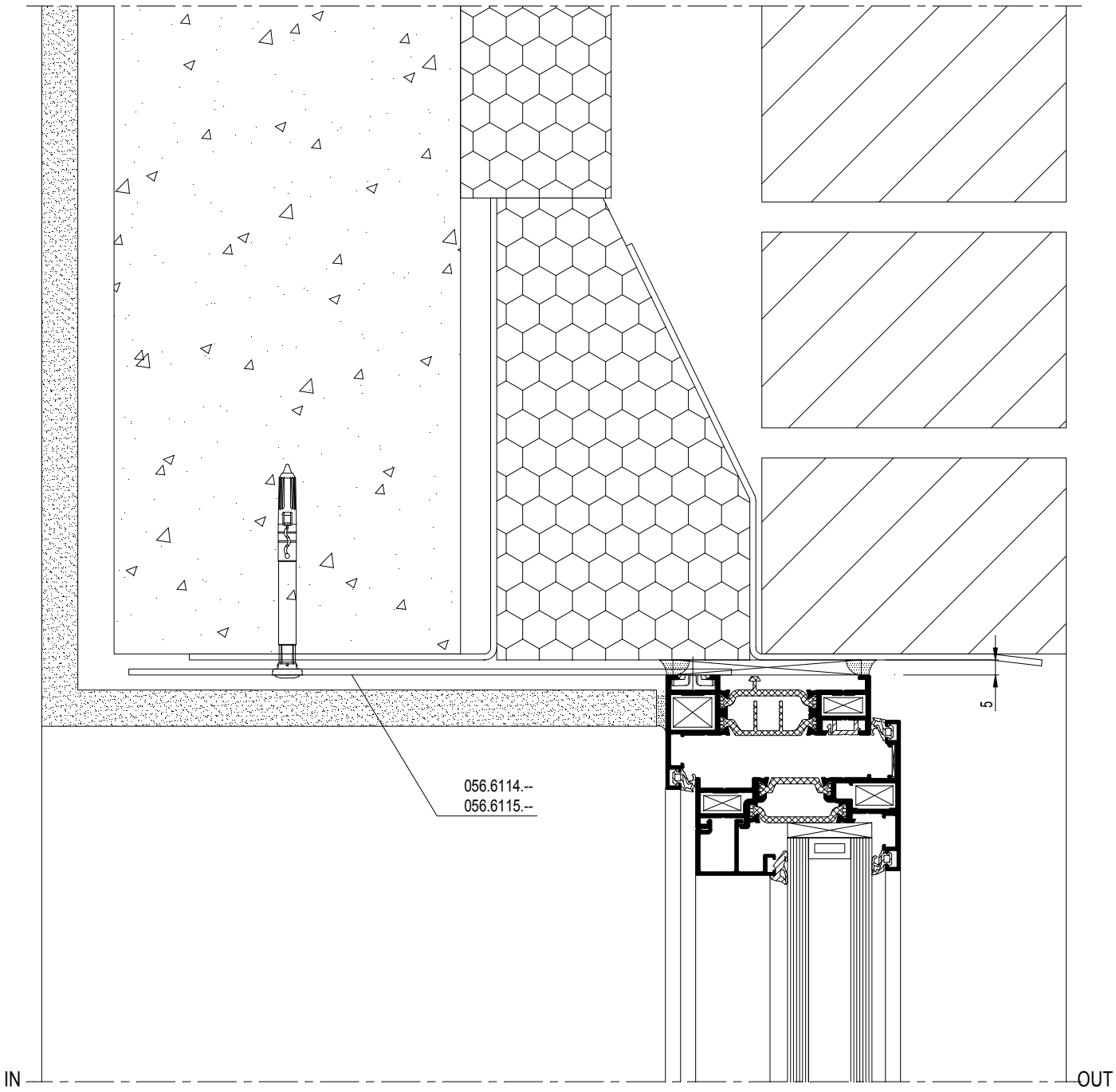
ONDERVULLING VOOR GEWICHT
SUPPORT POUR POIDS
SUPPORT FOR WEIGHT
FUELLSTUECK FUER GEWICHTE
OUT
ONDERVULLING VOOR GEWICHT
SUPPORT POUR POIDS
SUPPORT FOR WEIGHT
FUELLSTUECK FUER GEWICHTE
056.6115.--
056.6114.--
IN

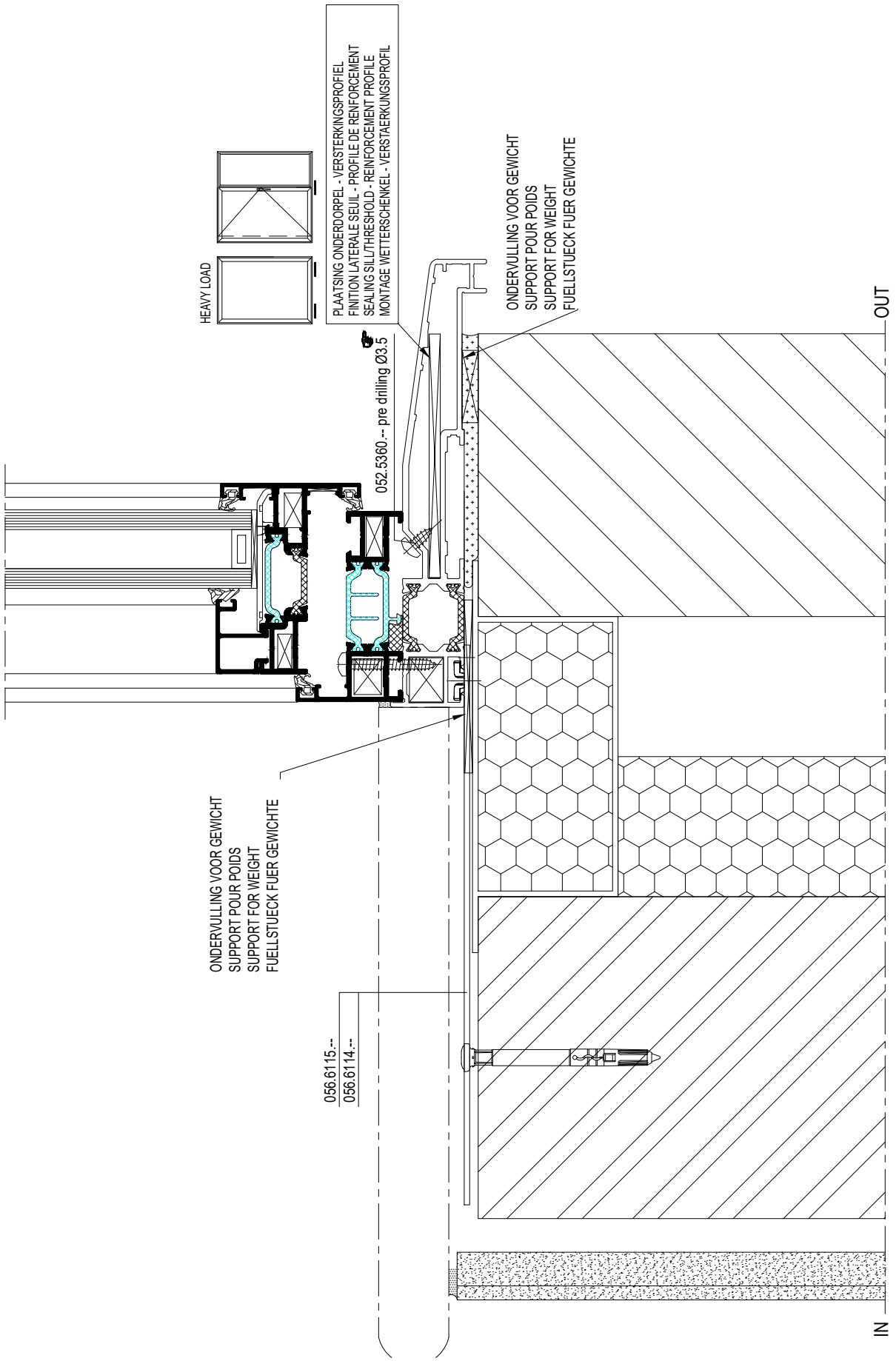


schaal - échelle
scale - Maßstab
1/2



schaal - échelle
scale - Maßstab
1/2

BOUWAANSLUITING UK - PLAATSING ONDERDORPEL
RACCORDEMENT AU BATIMENT UK - FINITION LATERALE SEUIL
BUILDING CONNECTION UK - SEALING SILL/THRESHOLD
BAUANSCHLUSS UK - MONTAGE WETTERSCHENKEL



BOUWAANSLUITING UK - PLAATSING ONDERDORPEL
RACCORDEMENT AU BATIMENT UK - FINITION LATERALE SEUIL
BUILDING CONNECTION UK - SEALING SILL/THRESHOLD
BAUANSCHLUSS UK - MONTAGE WETTERSCHENKEL

G

Reynaers Aluminium

Toebehoren
Accessoires
Accessories
Zubehör

Art. N°		
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052.5390.–	16K.G.036	D0100542
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056.5049.00	16K.G.033	D0100932
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056.6115.–	16K.G.035	D0100790
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060.6231.–	16K.G.030	D0100614
060.6232.–	16K.G.030	D0100614
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060.6243.–	16K.G.012	D0100543
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MACHINELIJST
LISTE DES MACHINES
LIST OF MACHINERY
LISTE VON MASCHINEN

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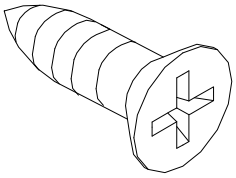

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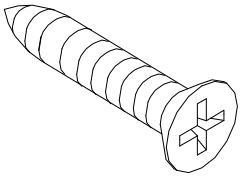

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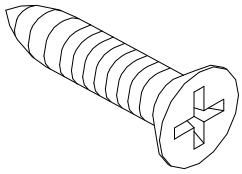

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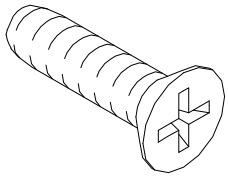

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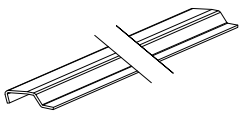

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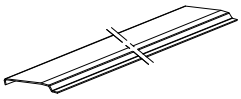

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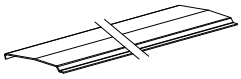

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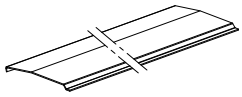

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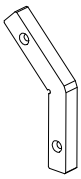

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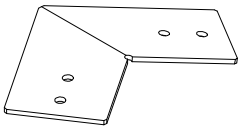

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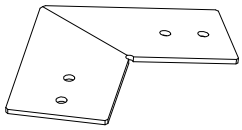

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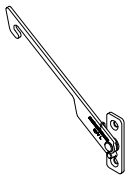

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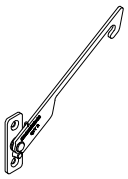

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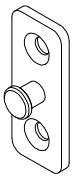

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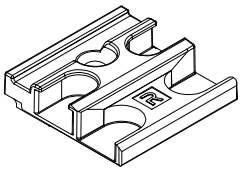

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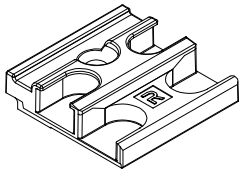

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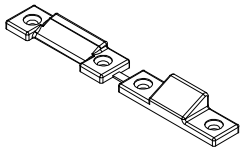

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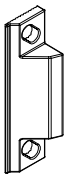

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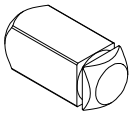

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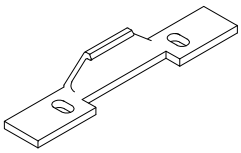

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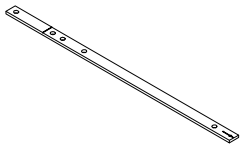

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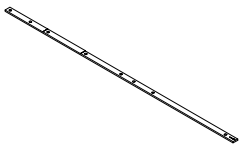

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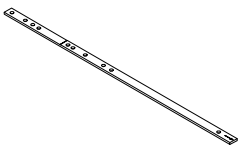

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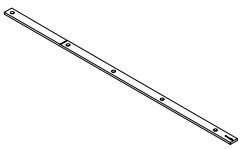

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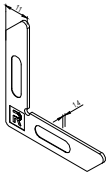

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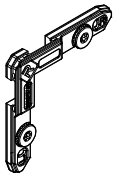

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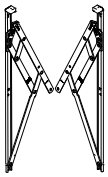

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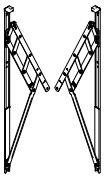

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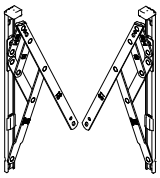

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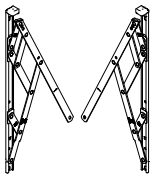

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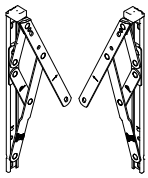

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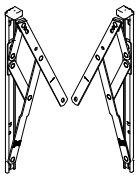

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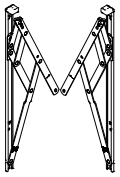

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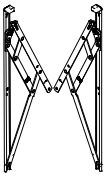

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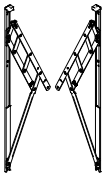

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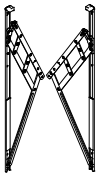

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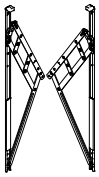

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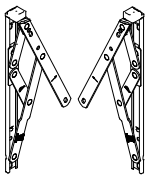

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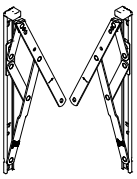

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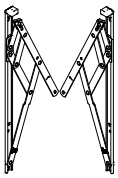

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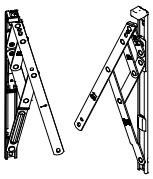

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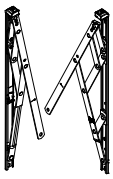

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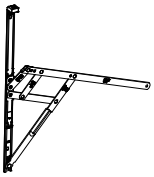

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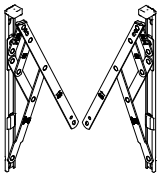

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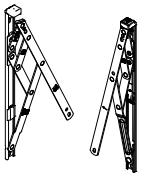

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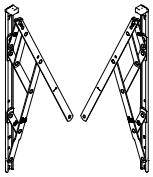

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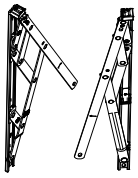

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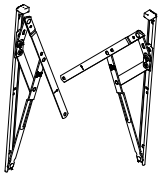

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(16K.G.018)

061.7965.--
(16K.G.015)

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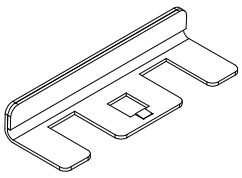

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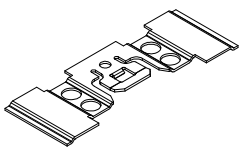

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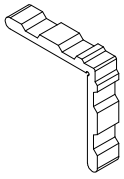

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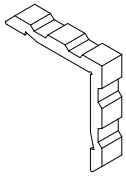

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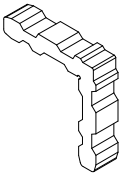

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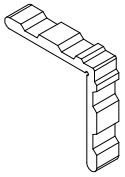

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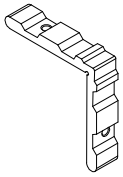

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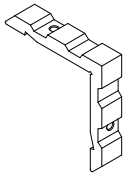

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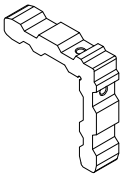

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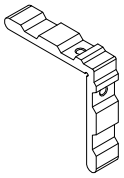

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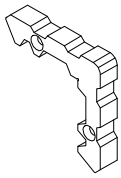

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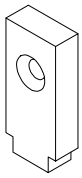

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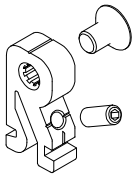

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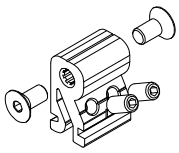

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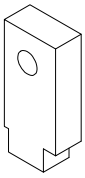

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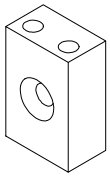

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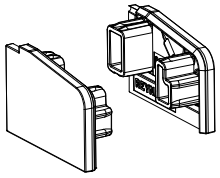

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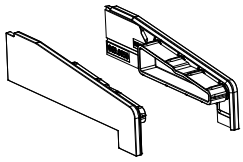

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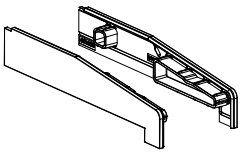

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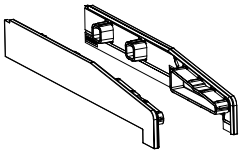

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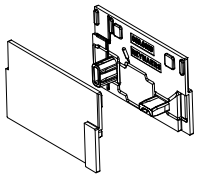

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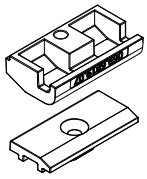

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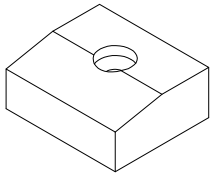

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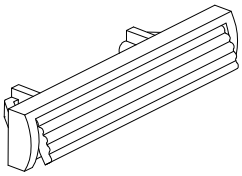

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069.8751.04
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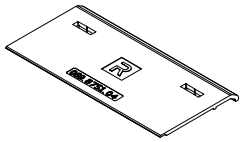

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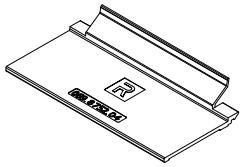

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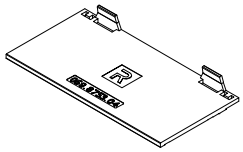

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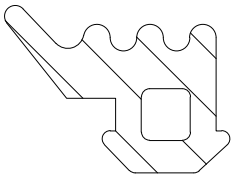
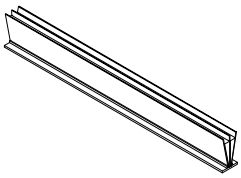
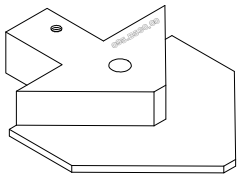
(16K.G.014)



081.9136.07
(16K.G.013)



095.B530.00
(16K.G.041)



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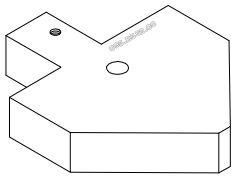
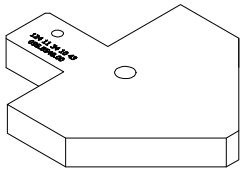


095.B548.00
(16K.G.041)



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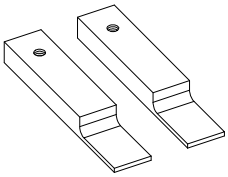
(16K.G.042)



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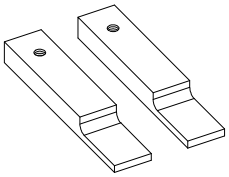
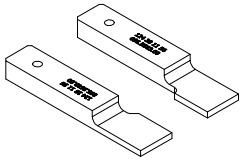
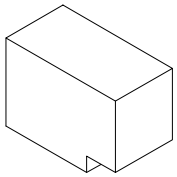
(16K.G.042)



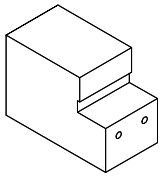
095.B583.00
(16K.G.042)



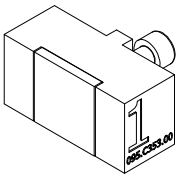
095.B701.00
(16K.G.037)



095.B702.00
(16K.G.037)



095.C353.00
(16K.G.038)



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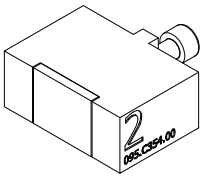
(16K.G.038)



095.E052.00
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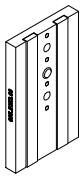

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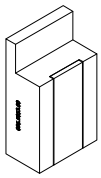
(16K.G.039)



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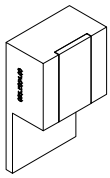

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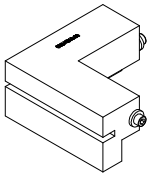
095.H810.00
(16K.G.043)



095.H821.00
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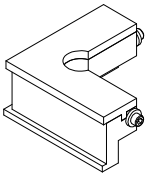
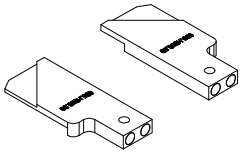


095.H850.00
(16K.G.043)



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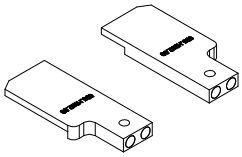
(16K.G.044)



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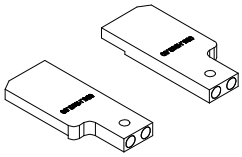

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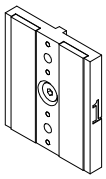

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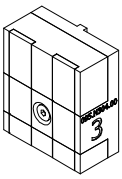
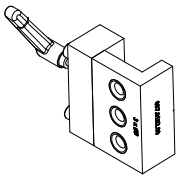


097.0152.00
(16K.G.046)



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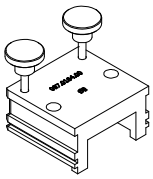

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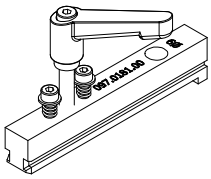

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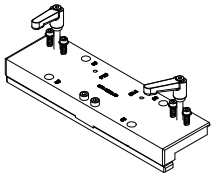

097.0251.00
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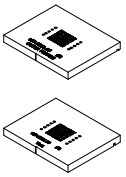

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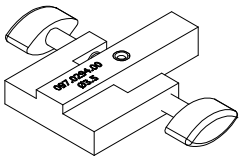

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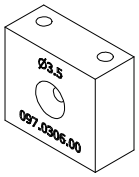

160.8718.--
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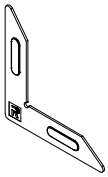

197.C900.00
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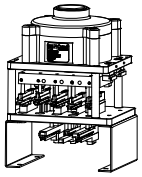

197.D000.00
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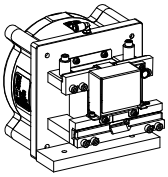

G

0XX.XXXX.XX **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**
0XX.XXXX.XX **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**
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0XX.XXXX.XX **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**	**0XX.XXXX.XX** **XXX.X.XXX**
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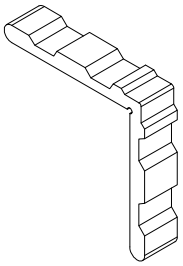
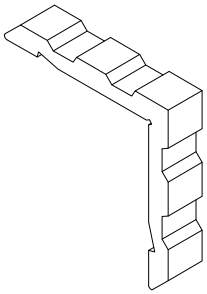


PERSHOEK 6.4x14.05MM
EQUERRE A SERTIR 6.4x14.05MM
CRIMP CORNER CLEAT 6.4x14.05MM
PRESSECKWINKEL 6.4x14.05MM
ESCUADRA DE ENSAMBLAR 6.4x14.05MM
NAROZNIK ZACISKANY 6.4x14.05MM

H=60MM
B=60MM
D=14.05MM

SL 68
203.0492.XX
203.0502.XX
203.1014.XX
203.1314.XX
203.2492.XX
203.2502.XX

068.7465.00



PERSHOEK 8x14.05MM
EQUERRE A SERTIR 8x14.05MM
CRIMP CORNER CLEAT 8x14.05MM
PRESSECKWINKEL 8x14.05MM
ESCUADRA DE ENSAMBLAR 8x14.05MM
NAROZNIK ZACISKANY 8x14.05MM

H=67MM
B=67MM
D=14.05MM

SL 68
203.0156.XX
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203.0502.XX
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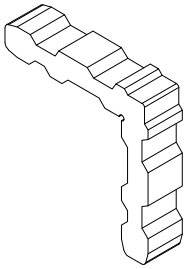
203.2492.XX
203.2502.XX

068.7466.00

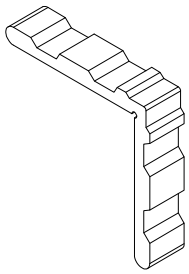


PERSHOEK KADER 11.1x14.55MM
EQUERRE A SERTIR CADRE 11.1x14.55MM
CRIMP CORNER CLEAT FRAME 11.1x14.55MM
PRESSECKWINKEL BLENDRAHMEN 11.1x14.55MM
ESCUADRA DE ENSAMBLAR MARCO 11.1x14.55MM
NAROZNIK ZACISKANY OSCIEZNICA 11.1x14.55MM

H=60MM
B=60MM
D=14.55MM

SL 68
203.0106.XX
203.0116.XX
203.0216.XX
203.0218.XX
203.0220.XX
203.0441.XX
203.0449.XX
203.0890.XX

068.7467.00



PERSHOEK KADER 6.4x14.55MM
EQUERRE A SERTIR CADRE 6.4x14.55MM
CRIMP CORNER CLEAT FRAME 6.4x14.55MM
PRESSECKWINKEL BLENDRAHMEN 6.4x14.55MM
ESCUADRA DE ENSAMBLAR MARCO 6.4x14.55MM
NAROZNIK ZACISKANY OSCIEZNICA 6.4x14.55MM

H=60MM
B=60MM
D=14.55MM

SL 68
203.0106.XX
203.0116.XX
203.0216.XX
203.0218.XX
203.0220.XX
203.0441.XX
203.0449.XX
203.0890.XX

068.7689.00

PERSHOEK 8x5.2MM
EQUERRE A SERTIR 8x5.2MM
CRIMP CORNER CLEAT 8x5.2MM
PRESSECKWINKEL 8x5.2MM
ESCUADRA DE ENSAMBLAR 8x5.2MM
NAROZNIK ZACISKANY 8x5.2MM

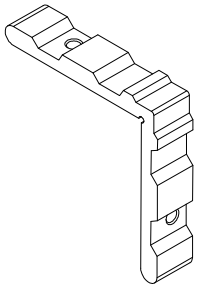
H=67MM
B=67MM
D=5.2MM

SL 68
203.1314.XX

Xref ..\..\..\..\..\Windows-Doors\CS 24-SL\06

G

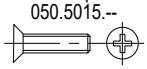
068.7530.00



SCHROEFHOEK 6.4x14.05MM
EQUERRE A VISSER 6.4x14.05MM
SCREW CORNER CLEAT 6.4x14.05MM
SCHRAUBECKWINKEL 6.4x14.05MM
ESCUADRA DE ATORNILLAR 6.4x14.05MM
NAROZNIK SKRECANY 6.4x14.05MM

H=60MM
B=60MM
D=14.05MM

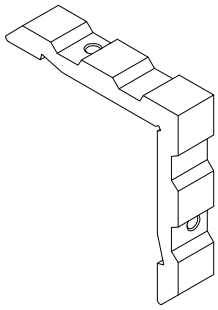
2 st./pc
050.5015.--



DIN 965
M5 x 8

SL 68
203.0492.XX
203.0502.XX
203.1014.XX
203.2492.XX
203.2502.XX

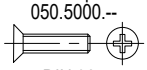
068.7531.00



SCHROEFHOEK 8x14.05MM
EQUERRE A VISSER 8x14.05MM
SCREW CORNER CLEAT 8x14.05MM
SCHRAUBECKWINKEL 8x14.05MM
ESCUADRA DE ATORNILLAR 8x14.05MM
NAROZNIK SKRECANY 8x14.05MM

H=67MM
B=67MM
D=14.05MM

2 st./pc
050.5000.--



DIN 965
M5 x 10

SL 68
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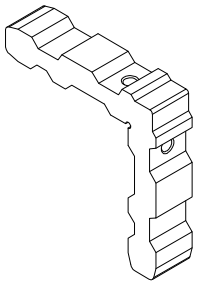
203.0502.XX
203.1014.XX
203.2492.XX
203.2502.XX

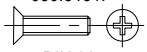
068.7532.00



SCHROEFHOEK KADER 11.1x14.55MM
EQ. A VISSER CADRE 11.1x14.55MM
SCREW CORNER FRAME 11.1x14.55MM
SCHRAUBECKW. BLENDRAHMEN 11.1x14.55MM
ESCUA. ATOR. MARCO 11.1x14.55MM
NAROZ. SKRE. OSCIEZNICA 11.1x14.55MM

H=60MM
B=60MM
D=14.55MM

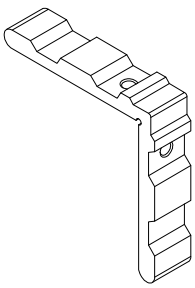
2 st./pc
050.5131.--



DIN 965
M5 x 12

SL 68
203.0106.XX
203.0116.XX
203.0216.XX
203.0218.XX
203.0220.XX
203.0441.XX
203.0449.XX
203.0890.XX

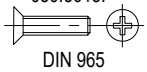
068.7533.00



SCHROEFHOEK KADER 6.4x14.55MM
EQ. A VISSER CADRE 6.4x14.55MM
SCREW CORNER FRAME 6.4x14.55MM
SCHRAUBECKW. BLENDRAHMEN 6.4x14.55MM
ESCUA. ATOR. MARCO 6.4x14.55MM
NAROZ. SKRE. OSCIEZNICA 6.4x14.55MM

H=60MM
B=60MM
D=14.55MM

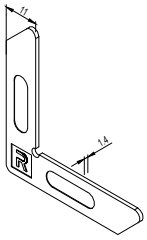
2 st./pc
050.5015.--



DIN 965
M5 x 8

SL 68
203.0106.XX
203.0116.XX
203.0216.XX
203.0218.XX
203.0220.XX
203.0441.XX
203.0449.XX
203.0890.XX

060.8721.00



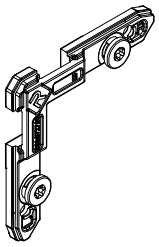
STEUNHOEK
CALE DE FEUILLURE
REBATE SUPPORT
ECKWINKEL
ESCUADRA DE ALINEAMIENTO
KATOWY NAROZNIK

H=43
B=43
D=1.4

SL 68
203.0492.XX
203.0502.XX
203.1014.XX
203.1314.XX
203.2492.XX
203.2502.XX

CD 45PA
CR 120
CS 45PA
CS 77-FP
CW 50
CW 50-SG
CW 60
CW 60-SG

060.8727.00



STEUNHOEK
CALE DE FEUILLURE
REBATE SUPPORT
ECKWINKEL
ESCUADRA DE ALINEAMIENTO
KATOWY NAROZNIK

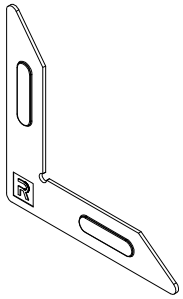
H=52
B=52
D=10.2

SL 68
203.0100.XX
203.0106.XX
203.0116.XX
203.0156.XX
203.0216.XX
203.0218.XX
203.0220.XX
203.0404.XX
203.0414.XX
203.0419.XX
203.0424.XX
203.0429.XX
203.0434.XX
203.0441.XX
203.0444.XX
203.0449.XX
203.0454.XX

203.0890.XX

CP 68Pa
MASTERLINE 8-Fu
SL 38

160.8718.--



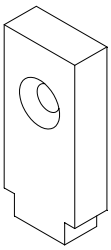
STEUNHOEK
CALE DE FEUILLURE
REBATE SUPPORT
ECKWINKEL
ESCUADRA DE ALINEAMIENTO
KATOWY NAROZNIK

H=63.3
B=63.3
D=1.5

MASTERLINE 10-De
MASTERLINE 10-Fu
MASTERLINE 10-HV
MASTERLINE 10-Re
MASTERLINE 8-De
MASTERLINE 8-Fu
MASTERLINE 8-HV
MASTERLINE 8-Re
MASTERLINE 8-Sw
MASTERLINE 8-WW
SL 38

SL 68

G



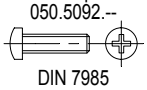
068.9028.00

T-VERBINDER VLEUGEL
JONCTION-T OUVRANT
T-BRACKET VENT
T-VERBINDER FLUEGEL
TOPE DE UNION HOJA
LACZNIK TEOWY SKRZYDLO

SL 68

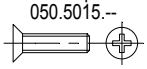
H=30
B=13.2
D=6

1 st./pc
050.5092.--

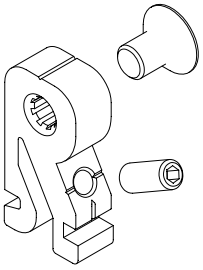


DIN 7985
M4 x 8

1 st./pc
050.5015.--



DIN 965
M5 x 8



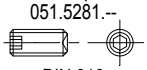
068.9030.00

T-VERBINDER 6.6MM
JONCTION-T 6.6MM
T-BRACKET 6.6MM
T-VERBINDER 6.6MM
TOPE DE UNION 6.6MM
LACZNIK TEOWY 6.6MM

SL 68

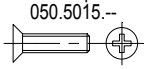
27MM
6.6MM
13.7MM

st./pc
051.5281.--

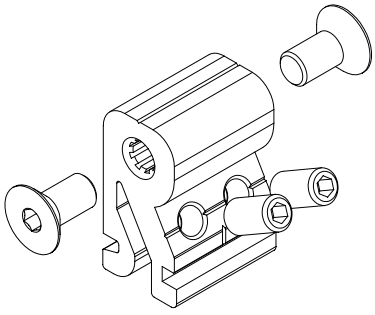


DIN 916
M4 x 10

st./pc
050.5015.--



DIN 965
M5 x 8



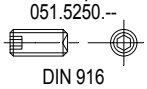
068.9032.00

T-VERBINDER 18.6MM
JONCTION-T 18.6MM
T-BRACKET 18.6MM
T-VERBINDER 18.6MM
TOPE DE UNION 18.6MM
LACZNIK TEOWY 18.6MM

SL 68

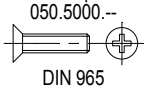
H=27MM
B=18.6MM
D=13.7MM

2 st./pc
051.5250.--



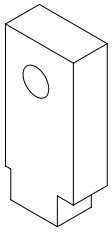
DIN 916
M5 x 10

2 st./pc
050.5000.--



DIN 965
M5 x 10

G

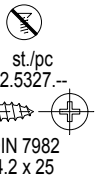


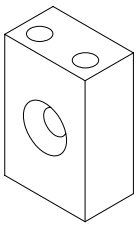
068.9035.00

T-VERBINDER T-PROFIEL
JONCTION-T TRAVERSE
T-BRACKET TRANSOM
T-VERBINDER RIEGEL
TOPE DE UNION TRAVESERO
LACZNIK TEOWY POPRZECZKA

SL 68

H=28
B=12.7
D=6.35





068.9036.00

T-VERBINDER T-PROFIEL
JONCTION-T TRAVERSE
T-BRACKET TRANSOM
T-VERBINDER RIEGEL
TOPE DE UNION TRAVESERO
LACZNIK TEOWY POPRZECZKA

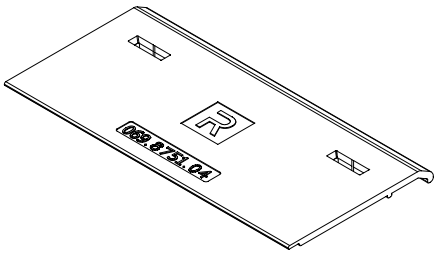
SL 68

H=24
B=15.8
D=9.5

069.8751.04

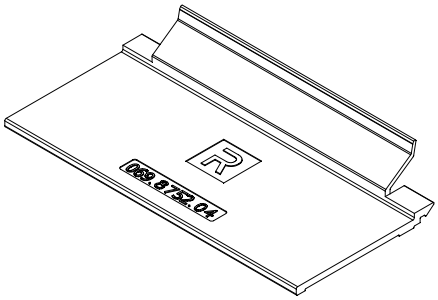
GLASSTEUN
SUPPORT CALE DE VITRAGE
GLASS SUPPORT
GLASAUFLAGEPROFIL
SOPORTE VIDRIO
PODPORKA POD PRZESZK.

H=5.4
B=100
D=51.1



SL 68

069.8752.04

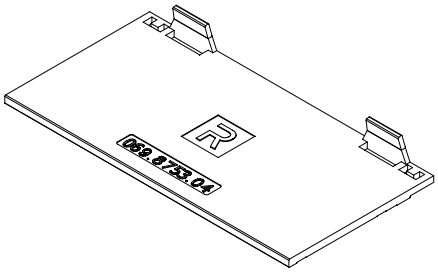


GLASSTEUN
SUPPORT CALE DE VITRAGE
GLASS SUPPORT
GLASAUFLAGEPROFIL
SOPORTE VIDRIO
PODPORKA POD PRZESZK.

H=16
B=100
D=51

SL 68

069.8753.04

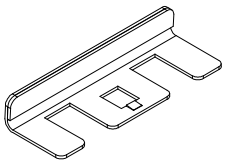


GLASSTEUN
SUPPORT CALE DE VITRAGE
GLASS SUPPORT
GLASAUFLAGEPROFIL
SOPORTE VIDRIO
PODPORKA POD PRZESZK.

H=10
B=100
D=51

SL 68

068.6340.--

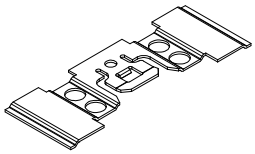


GLASKLIPS 21x10MM
CLIP DE VITRAGE 21x10MM
SAFETY CLIP 21x10MM
SICHERUNGSKLEMME 21x10MM
CLIP DE SEGURIDAD 21x10MM
ZACISK ZABEZPIECZJACY 21x10MM

H=10MM
B=61MM
D=21MM

SL 68

068.6341.--



GLASKLIPS BASISPLAAT 67x24.5MM
CLIP DE VITRAGE PLAQUE DE BASE 67x24.5MM
SAFETY CLIP BASE PLATE 67x24.5MM
SICHERUNGSKLEMME GRUNDPLATTE 67x24.5MM
CLIP DE SEGURIDAD PLACA BASE 67x24.5MM
ZACISK ZABEZPIECZJ. PLYTA PODSTAWY 67x24.5MM

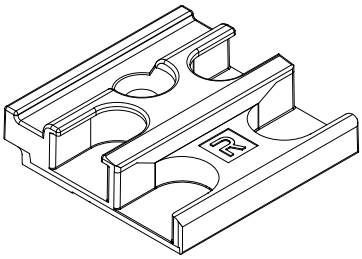
H=24.5MM
B=67.35MM
D=1.67MM

2 st./pc
055.5631.--

-
Ø3 x 8

SL 68

060.6241.--



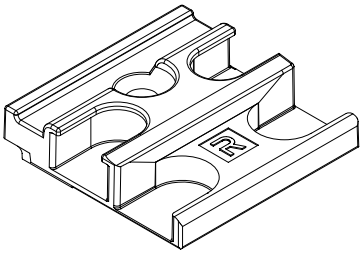
SLUITSTUK
GACHE
LOCK PLATE
SCHLIESSSTUECK
CERRADERO MARCO
KOLEK RYGLUJACY

SL 68

H=10.16 B=41.59
D=42
ONLY USE FOR
300<Fh<388MM

1 st./pc
052.5346.--
DIN 7982
5.5 x 19

060.6243.--



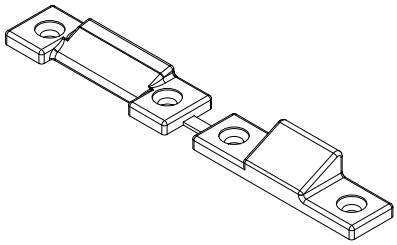
SLUITSTUK
GACHE
LOCK PLATE
SCHLIESSSTUECK
CERRADERO MARCO
KOLEK RYGLUJACY

SL 68

H=11.16
B=41.59
D=42

1 st./pc
052.5346.--
DIN 7982
5.5 x 19

060.7049.SY



SLUITSTUK
GACHE
LOCK PLATE
SCHLIESSSTUECK
CERRADERO MARCO
KOLEK RYGLUJACY

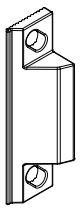
SL 68

H=12
B=18.1
D=129

2 st./pc
052.5311.--
DIN 7982
4.2 x 16

2 st./pc
052.5312.--
DIN 7982
4.2 x 13

060.7060.07



SLUITSTUK
GACHE
LOCK PLATE
SCHLIESSSTUECK
CERRADERO MARCO
KOLEK RYGLUJACY

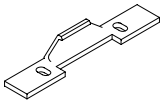
SL 68

H=11.5
B=60
D=14.8

2 st./pc
052.5310.--
DIN 7981
4.2 x 16

2 st./pc
052.5360.--
DIN 7981
4.2 x 9.5

060.7941.--



HOLTE SCHARNIER BESCHERMER
CAVITE CHARNIERE PROTECTEUR
CAVITY HINGE PROTECTOR
HOHLRAUM GELENKSCHUTZ
CAVITY HINGE PROTECTOR
CAVITY HINGE PROTECTOR

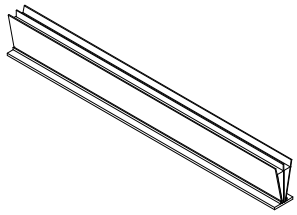
CS 68
ES 50

H=95
B=18.5
D=11

2 st./pc
050.5011.--
DIN 965
M5 x 20

G

081.9136.07

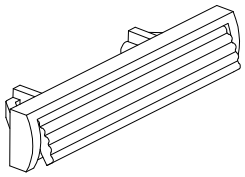


BORSTELDICHTING 13MM
JOINT-BROSSE 13MM
WOOLPILE 13MM
BUERSTENDICHTUNG 13MM
CEPILLO 13MM
SZCZOTKA 13MM

H=13mm
B=6.9mm
L=100m

SL 68

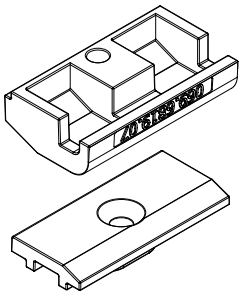
069.6836.SY



AFDEKKAP WATERAFVOERSLEUVEN
CAPUCHON DRAINAGE D'EAU
WEEP HOLE COVER
ABDECKKAPPE ENTWAESSERUNG
DEFLECTOR AIRE
MASKOWNICA OTWORU DRENAZOWEGO

42
8.3
11

CP 45Pa
CD 45Pa
CD 68



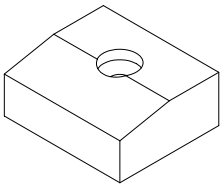
069.6819.07

STELBLOKJE
CALE D'AJUSTEMENT
ADJUSTING BLOCK
DISTANZKLOTZ
RESBALON AJUSTABLE
ELEMENT WSPIERAJACY

SL 68

1 st./pc
052.5308.--
DIN 7982
3.5 x 13

1 A2-70/pc
053.5410.--
DIN 7504P
3.5 x 16



069.6822.07

OPLOOPBLOK KUNSTSTOF
PATIN MATIERE SYNTHETIQUE
SLOPED BLOCK SYNTHETIC
AUFLAUFSTUECK KUNSTSTOFF
PATIN PLASTICO
BLOK KLINOWY TWORZYWOWY

CW 86
CW 86-EF
SL 68

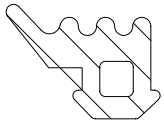
st./pc
052.5331.--
DIN 7982
4.8 x 19

1 st./pc
050.5161.--
DIN 965
M5 x 16

st./pc
052.5318.--
DIN 7982
4.2 x 38

st./pc
052.5335.--
DIN 7982
4.8 x 45

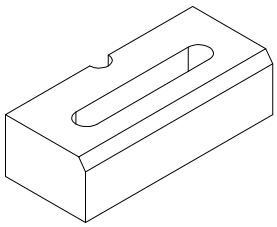
H=14 B=30 D=35
CW 86 : 050.5161.--
SL 68 : 052.5318/5331.--(inside glazed)
SL 68 : 052.5331/5335.--(outside glazed)



080.9293.04

BUITENDICHTING
JOINT EXTERIEUR
OUTSIDE GASKET
AUSSENDICHTUNG
JUNTA EXTERIOR
USZCZELKA PRZYSZYBOWA

SL 68

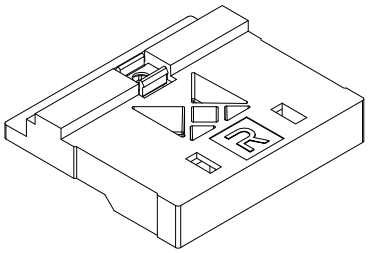


169.8418.00

VERSTERKINGSTUK
PIECE DE RENFORCEMENT
REINFORCEMENT PIECE
VERSTAERKUNGSSTUECK
PIEZA REFUERZO
ELEMENT WZMACNIAJACY

H 85
B D 15 10

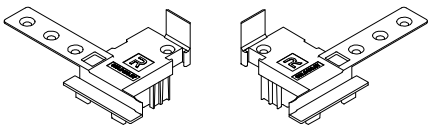
SL 68



169.8420.04

POSITIONERINGSSTUK
PIECE DE POSITIONNEMENT
POSITIONING PIECE
POSITIONIERUNGSSTUCK
PIEZA DE POSICIONAMIENTO
ELEMENT POZYCJONUJACY

SL 68

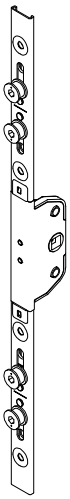


069.6477.SY

STOLPSTUK
PIECE DOUBLE OUVRANT
DOUBLE CASEMENT PIECE
STULPSTUECK
PIEZA DOBLE HOJA
ZASLEPKA RUCHOMEGO SLUPKA

H B D 35

SL 68



061.7965.--

ESPAGNOLETSLOT LH 390-639MM
FERMETURE ESPAGNOLETTE LH 390-639MM
ESPAGNOLETTE LOCK LH 390-639MM
TREIBRIEGELVERSCHLUSS LH 390-639MM
CIERRE VENTANA LH 390-639MM
ZAMEK DRZWIOWY BLOK. PIO. LH 390-639MM

SL 68

H=335
B=16
D=18.1

4 st./pc
052.5311.--
DIN 7982
4.2 x 16

061.7966.--

ESPAGNOLETSLOT LH 640-889MM
FERMETURE ESPAGNOLETTE LH 640-889MM
ESPAGNOLETTE LOCK LH 640-889MM
TREIBRIEGELVERSCHLUSS LH 640-889MM
CIERRE VENTANA LH 640-889MM
ZAMEK DRZWIOWY BLOK. PIO. LH 640-889MM

SL 68

H=500
B=16
D=18.1

6 st./pc
052.5311.--
DIN 7982
4.2 x 16

061.7967.--

ESPAGNOLETSLOT LH 890-1139MM
FERMETURE ESPAGNOLETTE LH 890-1139MM
ESPAGNOLETTE LOCK LH 890-1139MM
TREIBRIEGELVERSCHLUSS LH 890-1139MM
CIERRE VENTANA LH 890-1139MM
ZAMEK DRZWIOWY BLOK. PIO. LH 890-1139MM

SL 68

H=750
B=16
D=18.1

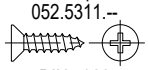
6 st./pc
052.5311.--
DIN 7982
4.2 x 16

061.7968.--

ESPAGNOLETSLOT LH 1140-1300MM
FERMETURE ESPAGNOLETTE LH 1140-1300MM
ESPAGNOLETTE LOCK LH 1140-1300MM
TREIBRIEGELVERSCHLUSS LH 1140-1300MM
CIERRE VENTANA LH 1140-1300MM
ZAMEK DRZWIOWY BLOK. PIO. LH 1140-1300MM

H=1000
B=16
D=18.1

6 st./pc
052.5311.--



DIN 7982
4.2 x 16

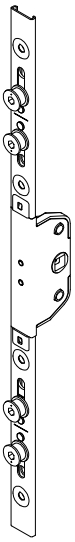
SL 68

061.7978.--

ESPAGNOLETSLOT LH 1380 - 1500MM
FERMETURE ESPAGNOLETTE LH 1380 - 1500MM
ESPAGNOLETTE LOCK LH 1380 - 1500MM
TREIBRIEGELVERSCHLUSS LH 1380 - 1500MM
CIERRE VENTANA LH 1380 - 1500MM
ZAMEK DRZWIOWY BLOK. PIO. LH 1380 - 1500MM

H=1250
B=16
D=18.1

SL 68



061.7940.--

ESPAGNOLETSLOT RH 390-639MM
FERMETURE ESPAGNOLETTE RH 390-639MM
ESPAGNOLETTE LOCK RH 390-639MM
TREIBRIEGELVERSCHLUSS RH 390-639MM
CIERRE VENTANA RH 390-639MM
ZAMEK DRZWIOWY BLOK. PIO. RH 390-639MM

SL 68

H=335
B=16
D=18.1

4 st./pc
052.5311.--
DIN 7982
4.2 x 16

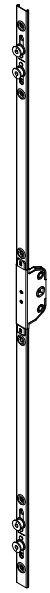
061.7941.--

ESPAGNOLETSLOT RH 640-889MM
FERMETURE ESPAGNOLETTE RH 640-889MM
ESPAGNOLETTE LOCK RH 640-889MM
TREIBRIEGELVERSCHLUSS RH 640-889MM
CIERRE VENTANA RH 640-889MM
ZAMEK DRZWIOWY BLOK. PIO. RH 640-889MM

SL 68

H=500
B=16
D=18.1

6 st./pc
052.5311.--
DIN 7982
4.2 x 16



061.7942.--

ESPAGNOLETSLOT RH 890-1139MM
FERMETURE ESPAGNOLETTE RH 890-1139MM
ESPAGNOLETTE LOCK RH 890-1139MM
TREIBRIEGELVERSCHLUSS RH 890-1139MM
CIERRE VENTANA RH 890-1139MM
ZAMEK DRZWIOWY BLOK. PIO. RH 890-1139MM

SL 68

H=750
B=16
D=18.1

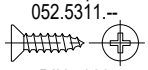
6 st./pc
052.5311.--
DIN 7982
4.2 x 16

061.7943.--

ESPAGNOLETSLOT RH 1140-1300MM
FERMETURE ESPAGNOLETTE RH 1140-1300MM
ESPAGNOLETTE LOCK RH 1140-1300MM
TREIBRIEGELVERSCHLUSS RH 1140-1300MM
CIERRE VENTANA RH 1140-1300MM
ZAMEK DRZWIOWY BLOK. PIO. RH 1140-1300MM

H=1000
B=16
D=18.1

6 st./pc
052.5311.--



DIN 7982
4.2 x 16

SL 68

061.7977.--

ESPAGNOLETSLOT RH 1380 - 1500MM
FERMETURE ESPAGNOLETTE RH 1380 - 1500MM
ESPAGNOLETTE LOCK RH 1380 - 1500MM
TREIBRIEGELVERSCHLUSS RH 1380 - 1500MM
CIERRE VENTANA RH 1380 - 1500MM
ZAMEK DRZWIOWY BLOK. PIO. RH 1380 - 1500MM

H=1250
B=16
D=18.1

SL 68

061.7945.--

ESPAGNOLETSLOT SHOOTBOLT LH 585-755MM
FERMETURE ESPAGNOLETTE SHOOTBOLT LH 585-755MM
ESPAGNOLETTE LOCK SHOOTBOLT LH 585-755MM
TREIBRIEGELVERSCHLUSS SHOOTBOLT LH 585-755MM
CIERRE VENTANA SHOOTBOLT LH 585-755MM
ZAMEK DRZWIOWY DO BLOKADY PIONOWEJ LH 585-755MM

SL 68

061.7946.--

ESPAGNOLETSLOT SHOOTBOLT LH 755-990MM
FERMETURE ESPAGNOLETTE SHOOTBOLT LH 755-990MM
ESPAGNOLETTE LOCK SHOOTBOLT LH 755-990MM
TREIBRIEGELVERSCHLUSS SHOOTBOLT LH 755-990MM
CIERRE VENTANA SHOOTBOLT LH 755-990MM
ZAMEK DRZWIOWY DO BLOKADY PIONOWEJ LH 755-990MM

SL 68

061.7947.--

ESPAGNOLETSLOT SHOOTBOLT LH 990-1445MM
FERMETURE ESPAGNOLETTE SHOOTBOLT LH 990-1445MM
ESPAGNOLETTE LOCK SHOOTBOLT LH 990-1445MM
TREIBRIEGELVERSCHLUSS SHOOTBOLT LH 990-1445MM
CIERRE VENTANA SHOOTBOLT LH 990-1445MM
ZAMEK DRZWIOWY DO BLOKADY PIONOWEJ LH 990-1445MM

SL 68

061.7949.--

ESPAGNOLETSLOT SHOOTBOLT RH 585-755MM
FERMETURE ESPAGNOLETTE SHOOTBOLT RH 585-755MM
ESPAGNOLETTE LOCK SHOOTBOLT RH 585-755MM
TREIBRIEGELVERSCHLUSS SHOOTBOLT RH 585-755MM
CIERRE VENTANA SHOOTBOLT RH 585-755MM
ZAMEK DRZWIOWY DO BLOKADY PIONOWEJ RH 585-755MM

SL 68

061.7950.--

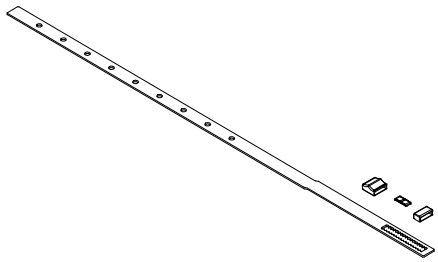
ESPAGNOLETSLOT SHOOTBOLT RH755-990MM
FERMETURE ESPAGNOLETTE SHOOTBOLT RH 755-990MM
ESPAGNOLETTE LOCK SHOOTBOLT RH 755-990MM
TREIBRIEGELVERSCHLUSS SHOOTBOLT RH 755-990MM
CIERRE VENTANA SHOOTBOLT RH 755-990MM
ZAMEK DRZWIOWY DO BLOKADY PIONOWEJ RH 755-990MM

SL 68

061.7951.--

ESPAGNOLETSLOT SHOOTBOLT RH 990-1445MM
FERMETURE ESPAGNOLETTE SHOOTBOLT RH 990-1445MM
ESPAGNOLETTE LOCK SHOOTBOLT RH 990-1445MM
TREIBRIEGELVERSCHLUSS SHOOTBOLT RH 990-1445MM
CIERRE VENTANA SHOOTBOLT RH 990-1445MM
ZAMEK DRZWIOWY DO BLOKADY PIONOWEJ RH 990-1445MM

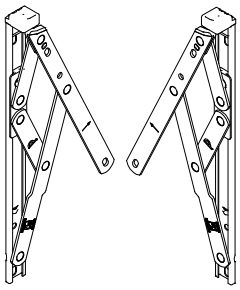
SL 68



061.7948.--

VERLENGSTUK SLOT
RALLONGE SERRURE
LOCK EXTENSION
HAKENSCHLOSSVERLAENGERUNG
EXTENSION DE CERRADURA
PRZEDLUZENIE ZAMKA

SL 68



060.8860.--

SCHAREN UITZETZAKRAAM 259MM 10" 16KG
COMPAS OUVRANT A L'IT. 259MM 10" 16KG
FRICTION STAYS TOP HUNG 259MM 10" 16KG
SCHERE SENKKLAPPF. 259MM 10" 16KG
COMPAS VENT. PROYECT. 259MM 10" 16KG
NOZYCE OKNO WYCHYLNE 259MM 10" 16KG

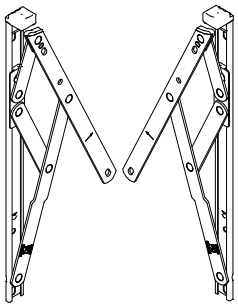
SL 68

H=259mm
B=22.8mm
D=16mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8861.--

SCHAREN UITZETZAKRAAM 310MM 12" 20KG
COMPAS OUVRANT A L'IT. 310MM 12" 20KG
FRICTION STAYS TOP HUNG 310MM 12" 20KG
SCHERE SENKKLAPPF. 310MM 12" 20KG
COMPAS VENT. PROYECT. 310MM 12" 20KG
NOZYCE OKNO WYCHYLNE 310MM 12" 20KG

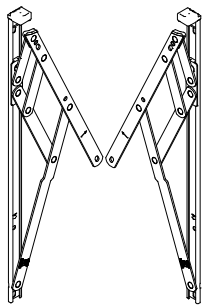
SL 68

H=310mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8863.--

SCHAREN UITZETZAKRAAM 412MM 16" 21KG
COMPAS OUVRANT A L'IT. 412MM 16" 21KG
FRICTION STAYS TOP HUNG 412MM 16" 21KG
SCHERE SENKKLAPPF. 412MM 16" 21KG
COMPAS VENT. PROYECT. 412MM 16" 21KG
NOZYCE OKNO WYCHYLNE 412MM 16" 21KG

SL 68

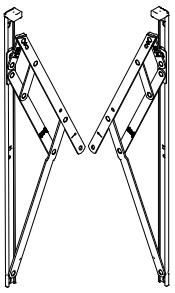
H=412mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

G



060.8865.--

SCHAREN UITZETZAKRAAM 513MM 20" 26KG
COMPAS OUVRANT A L'IT. 513MM 20" 26KG
FRICTION STAYS TOP HUNG 513MM 20" 26KG
SCHERE SENKKLAPPF. 513MM 20" 26KG
COMPAS VENT. PROYECT. 513MM 20" 26KG
NOZYCE OKNO WYCHYLNE 513MM 20" 26KG

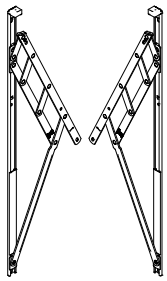
SL 68

H=513mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8867.--

SCHAREN UITZETZAKRAAM 615MM 24" 40KG
COMPAS OUVRANT A L'IT. 615MM 24" 40KG
FRICTION STAYS TOP HUNG 615MM 24" 40KG
SCHERE SENKKLAPPF. 615MM 24" 40KG
COMPAS VENT. PROYECT. 615MM 24" 40KG
NOZYCE OKNO WYCHYLNE 615MM 24" 40KG

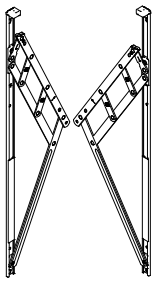
SL 68

H=615.4mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8869.--

SCHAREN UITZETZAKRAAM 615MM 24" 50KG
COMPAS OUVRANT A L'IT. 615MM 24" 50KG
FRICTION STAYS TOP HUNG 615MM 24" 50KG
SCHERE SENKKLAPPF. 615MM 24" 50KG
COMPAS VENT. PROYECT. 615MM 24" 50KG
NOZYCE OKNO WYCHYLNE 615MM 24" 50KG

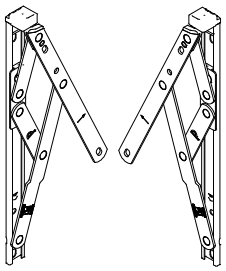
SL 68

H=615mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

6 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8871.--

SCHAREN UITZETZAKRAAM 259MM 10" 16kKG 304)
COMPAS OUVRANT A L'IT. 259MM 10" 16kKG 304)
FRICTION STAYS TOP HUNG 259MM 10" 16kKG 304)
SCHERE SENKKLAPPF. 259MM 10" 16kKG 304)
COMPAS VENT. PROYECT. 259MM 10" 16kKG 304)
NOZYCE OKNO WYCHYLNE 259MM 10" 16kKG 304)

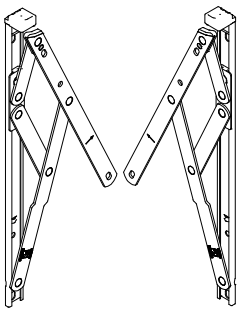
SL 68

H=259mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8872.--

SCHAREN UITZETZAKRAAM 310MM 12" 20KG (304)
COMPAS OUVRANT A L'IT. 310MM 12" 20KG (304)
FRICTION STAYS TOP HUNG 310MM 12" 20KG (304)
SCHERE SENKKLAPPF. 310MM 12" 20KG (304)
COMPAS VENT. PROYECT. 310MM 12" 20KG (304)
NOZYCE OKNO WYCHYLNE 310MM 12" 20KG (304)

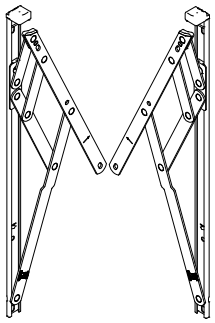
SL 68

H=310mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8874.--

SCHAREN UITZETZAKRAAM 412MM 16" 21KG (304)
COMPAS OUVRANT A L'IT. 412MM 16" 21KG (304)
FRICTION STAYS TOP HUNG 412MM 16" 21KG (304)
SCHERE SENKKLAPPF. 412MM 16" 21KG (304)
COMPAS VENT. PROYECT. 412MM 16" 21KG (304)
NOZYCE OKNO WYCHYLNE 412MM 16" 21KG (304)

SL 68

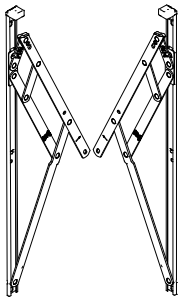
H=412mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

G



060.8771.--

SCHAREN UITZETZAKRAAM 513MM 20" 26KG (304)
COMPAS OUVRANT A L'IT. 513MM 20" 26KG (304)
FRICTION STAYS TOP HUNG 513MM 20" 26KG (304)
SCHERE SENKKLAPPF. 513MM 20" 26KG (304)
COMPAS VENT. PROYECT. 513MM 20" 26KG (304)
NOZYCE OKNO WYCHYLNE 513MM 20" 26KG (304)

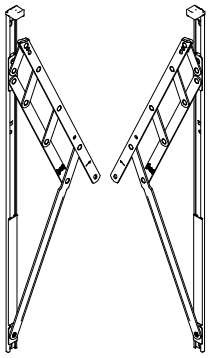
SL 68

H=513mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8773.--

SCHAREN UITZETZAKRAAM 615MM 24" 40KG (304)
COMPAS OUVRANT A L'IT. 615MM 24" 40KG (304)
FRICTION STAYS TOP HUNG 615MM 24" 40KG (304)
SCHERE SENKKLAPPF. 615MM 24" 40KG (304)
COMPAS VENT. PROYECT. 615MM 24" 40KG (304)
NOZYCE OKNO WYCHYLNE 615MM 24" 40KG (304)

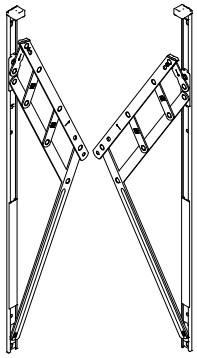
SL 68

H=615.4mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8870.--

SCHAREN UITZETZAKRAAM + 615MM 24" 50KG (304)
COMPAS OUVRANT A L'IT. + 615MM 24" 50KG (304)
FRICTION STAYS TOP HUNG + 615MM 24" 50KG (304
SCHERE SENKKLAPPF. + 615MM 24" 50KG (304)
COMPAS VENT. PROYECT. + 615MM 24" 50KG (304)
NOZYCE OKNO WYCHYLNE + 615MM 24" 50KG (304)

SL 68

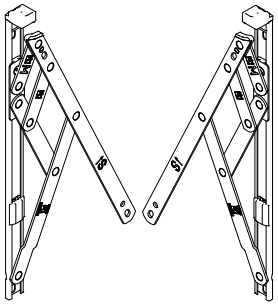
H=615mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

6 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

G



060.8960.--

SCHAREN DRAAIRAAM 310MM 12" 22KG
COMP. OUVR. A LA FR. 310MM 12" 22KG
FRICTION STAY SH 310MM 12" 22KG
SCHERE DREHFENSTER 310MM 12" 22KG
COMPAS VENT. PRACT. 310MM 12" 22KG
NOZYCE OKNO ROZW. 310MM 12" 22KG

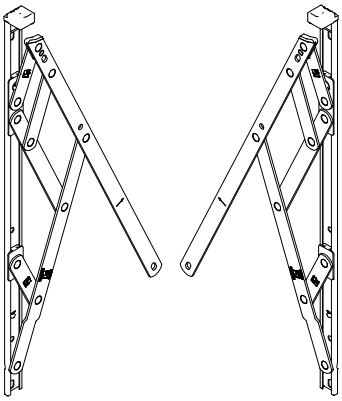
SL 68

H=310.1mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8962.--

SCHAREN DRAAIRAAM 412MM 16" 24kg
COMP. OUVR. A LA FR. 412MM 16" 24kg
FRICTION STAY SH 412MM 16" 24kg
SCHERE DREHFENSTER 412MM 16" 24kg
COMPAS VENT. PRACT. 412MM 16" 24kg
NOZYCE OKNO ROZW. 412MM 16" 24kg

SL 68

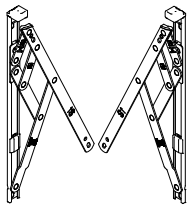
H=412.2mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

6 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

G



060.8775.--

SCHAREN DRAAIRAAM 310MM 12" 22KG (304)
COMP. OUVR. A LA FR. 310MM 12" 22KG (304)
FRICTION STAY SH 310MM 12" 22KG (304)
SCHERE DREHFENSTER 310MM 12" 22KG (304)
COMPAS VENT. PRACT. 310MM 12" 22KG (304)
NOZYCE OKNO ROZW. 310MM 12" 22KG (304)

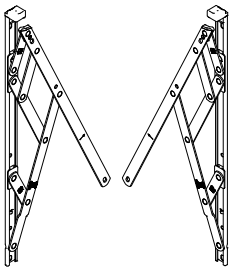
SL 68

H=310.1mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8778.--

SCHAREN DRAAIRAAM 412MM 16" 24KG (304)
COMP. OUVR. A LA FR. 412MM 16" 24KG (304)
FRICTION STAY SH 412MM 16" 24KG (304)
SCHERE DREHFENSTER 412MM 16" 24KG (304)
COMPAS VENT. PRACT. 412MM 16" 24KG (304)
NOZYCE OKNO ROZW. 412MM 16" 24KG (304)

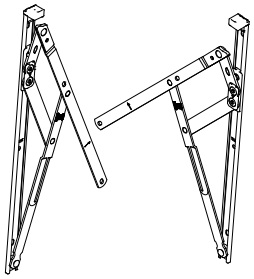
SL 68

H=412.2mm
B=18.1mm
D=13mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

6 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8968.--

SCHAREN DRAAIRAAM 412MM 16" 40KG (304)
COMP. OUVR. A LA FR. 412MM 16" 40KG (304)
FRICTION STAY SH 412MM 16" 40KG (304)
SCHERE DREHFENSTER 412MM 16" 40KG (304)
COMPAS VENT. PRACT. 412MM 16" 40KG (304)
NOZYCE OKNO ROZW. 412MM 16" 40KG (304)

SL 68

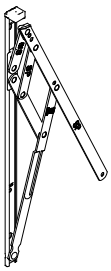
H=413mm
B=18.1mm
D=13.5mm

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

G



060.8956.--

SCHAREN DRAAIRAAM RE. SP 412MM 16" 30KG (304)
COMP.OUVR.A LA FR.DR. SP 412MM 16" 30KG (304)
FRIC.STAY SI-HUNG RI. SP 412MM 16" 30KG (304)
SCHERE DREHFENST.RE. SP 412MM 16" 30KG (304)
COMPAS PRACTIC.DE. SP 412MM 16" 30KG (304)
NOZYCE OKNO ROZW.PR. SP 412MM 16" 30KG (304)

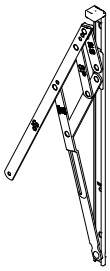
H=412.2
B=18.2
D=13.5

SL 68

1 st./pc
050.5011.--
DIN 965
M5 x 20

3 st./pc
052.5316.--
DIN 7982
4.2 x 19

2 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8966.--

SCHAREN DRAAIRAAM SP 412MM 16" 30KG (304)
COMP. OUVR. A LA FR. SP 412MM 16" 30KG (304)
FRICTION STAY SH SP 412MM 16" 30KG (304)
SCHERE DREHFENSTER SP 412MM 16" 30KG (304)
COMPAS VENT. PRACT. SP 412MM 16" 30KG (304)
NOZYCE OKNO ROZW. SP 412MM 16" 30KG (304)

H=311mm
B=18.1mm
D=13mm

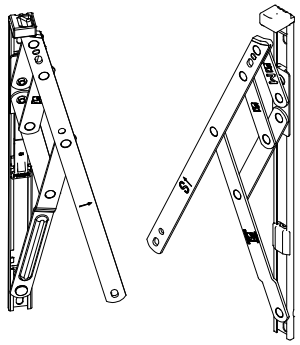
SL 68

1 st./pc
050.5011.--
DIN 965
M5 x 20

3 st./pc
052.5316.--
DIN 7982
4.2 x 19

2 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

G



060.8951.--

SCHAREN DR RE. BEP. 310MM 12" 22KG
COMP.OF DR. LIM. 310MM 12" 22KG
FR.STAY SH NG RI LIM. 310MM 12" 22KG
SCHERE DF RE. LIM. 310MM 12" 22KG
COMPAS PR DE. REST. 310MM 12" 22KG
NOZYCE OR PR. OGR. 310MM 12" 22KG

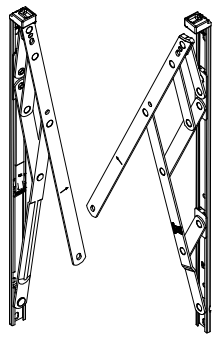
SL 68

H=310.1
B=18.1
D=13

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8953.--

SCHAREN DR RE. BEP. 412MM 16" 24KG
COMP.OF DR. LIM. 412MM 16" 24KG
FR.STAY SH NG RI LIM. 412MM 16" 24KG
SCHERE DF RE. LIM. 412MM 16" 24KG
COMPAS PR DE. REST. 412MM 16" 24KG
NOZYCE OR PR. OGR. 412MM 16" 24KG

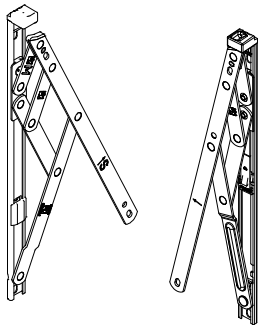
SL 68

H=412.2
B=18.2
D=13

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



060.8961.--

SCHAREN DR LI. BEP. 310MM 12" 22KG
COMP.OF GA. LIM. 310MM 12" 22KG
FRIC.STAY SH LE. LIM. 310MM 12" 22KG
SCHERE DF LI. LIM. 310MM 12" 22KG
COMPAS PR IZ. REST. 310MM 12" 22KG
NOZYCE OR LE. OGR. 310MM 12" 22KG

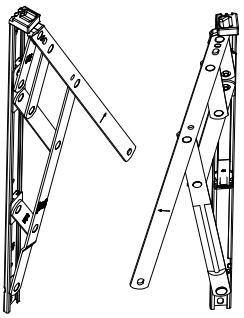
SL 68

H=310.1
B=18.1
D=13

2 st./pc
050.5011.--
DIN 965
M5 x 20

6 st./pc
052.5316.--
DIN 7982
4.2 x 19

4 st./pc
052.5390.--
DIN 7982 f
4.2 x 22



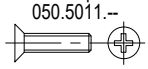
060.8963.--

SCHAREN DR LI. BEP. 412MM 16" 24KG
COMP.OF GA. LIM. 412MM 16" 24KG
FRIC.STAY SH LE. LIM. 412MM 16" 24KG
SCHERE DF LI. LIM. 412MM 16" 24KG
COMPAS PR IZ. REST. 412MM 16" 24KG
NOZYCE OR LE. OGR. 412MM 16" 24KG

SL 68

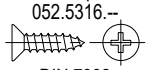
H=412.2
B=18.1
D=13

2 st./pc
050.5011.--



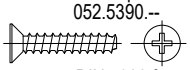
DIN 965
M5 x 20

6 st./pc
052.5316.--

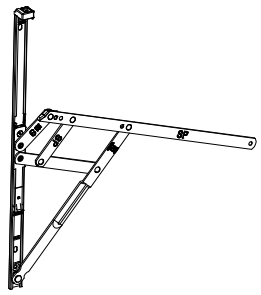


DIN 7982
4.2 x 19

4 st./pc
052.5390.--



DIN 7982 f
4.2 x 22



060.8957.--

SCHAREN DR RE. BEP. 16" 30KG - Right Hand
COMP.OF DR. LIM. 16" 30KG - Right Hand
FR.STAY SH NG RI LIM. 16" 30KG - Right Hand
SCHERE DF RE. LIM. 16" 30KG - Right Hand
COMPAS PR DE. REST. 16" 30KG - Right Hand
NOZYCE OR PR. OGR. 16" 30KG - Right Hand

SL 68

H=412.2
B=18.2
D=13.5

1 st./pc
050.5011.--
DIN 965
M5 x 20

3 st./pc
052.5316.--
DIN 7982
4.2 x 19

2 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

060.8967.--

SCHAREN DR RE. BEP. 16" 30KG - Left Hand
COMP.OF DR. LIM. 16" 30KG - Left Hand
FR.STAY SH NG RI LIM. 16" 30KG - Left Hand
SCHERE DF RE. LIM. 16" 30KG - Left Hand
COMPAS PR DE. REST. 16" 30KG - Left Hand
NOZYCE OR PR. OGR. 16" 30KG - Left Hand

SL 68

H=412.2
B=18.2
D=13.5

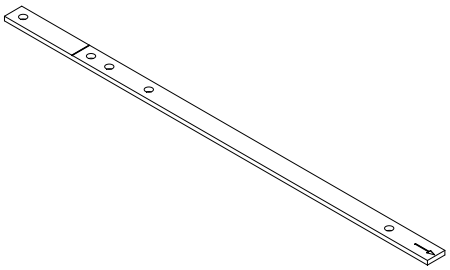
1 st./pc
050.5011.--
DIN 965
M5 x 20

3 st./pc
052.5316.--
DIN 7982
4.2 x 19

2 st./pc
052.5390.--
DIN 7982 f
4.2 x 22

G

060.8320.--

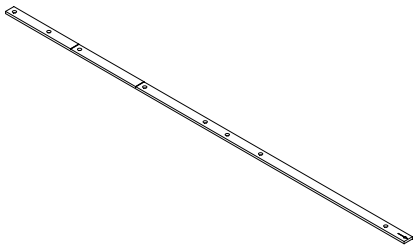


ONDERVULLING SCHAREN
SUPPORT COMPAS
SUPPORT FRICTION STAYS
FUELLSTUECK SCHERE
CHASIS COMPAS
WSPORNIK NOZYCE

SL 68

H=316.5MM
B=13MM
D=3MM

060.8321.--

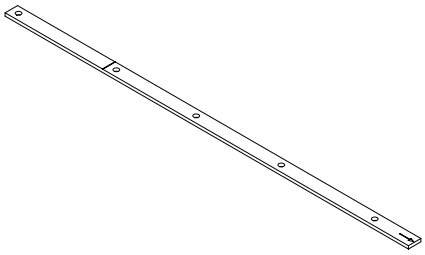


ONDERVULLING SCHAREN
SUPPORT COMPAS
SUPPORT FRICTION STAYS
FUELLSTUECK SCHERE
CHASIS COMPAS
WSPORNIK NOZYCE

SL 68

H=621.3MM
B=13MM
D=3MM

060.8322.--

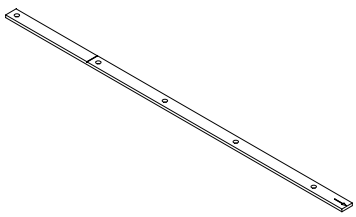


ONDERVULLING SCHAREN
SUPPORT COMPAS
SUPPORT FRICTION STAYS
FUELLSTUECK SCHERE
CHASIS COMPAS
WSPORNIK NOZYCE

SL 68

H=418.1MM
B=13MM
D=3MM

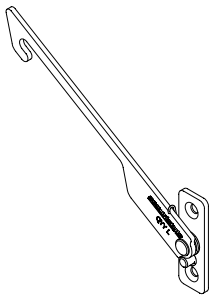
060.8323.--



ONDERVULLING SCHAREN
SUPPORT COMPAS
SUPPORT FRICTION STAYS
FUELLSTUECK SCHERE
CHASIS COMPAS
WSPORNIK NOZYCE

SL 68

H=418.1MM
B=13MM
D=3MM



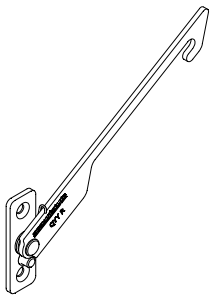
060.6230.--

RAAMBEGRENZER LINKS 115MM
LIMITEUR D'OUVERTURE GAUCHE 115MM
RESTRICTOR LEFT 115MM
BEGRENZUNGSSCHERE LINKS 115MM
COMPAS LIMITADOR DE ABERTURA IZQUIERDA 115MM
OGRANICZNIK LEWA 115MM

H=50
B=140
D=9.8

2 st./pc
052.5316.--
DIN 7982
4.2 x 19

SL 68



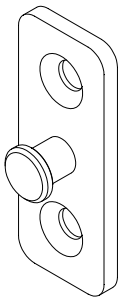
060.6231.--

RAAMBEGRENZER RECHTS 115MM
LIMITEUR D'OUVERTURE DROITE 115MM
RESTRICTOR RIGHT 115MM
BEGRENZUNGSSCHERE RECHTS 115MM
COMPAS LIMITADOR DE ABERTURA DERECHA 115MM
OGRANICZNIK PRAWY 115MM

H=50
B=140
D=9.8

2 st./pc
052.5316.--
DIN 7982
4.2 x 19

SL 68



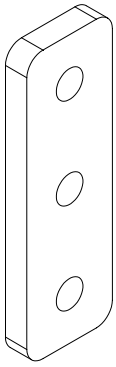
060.6232.--

PEN RAAMBEGRENZER
GOUPILLE LIMITEUR
PIN RESTRICTOR
STIFT BEGRENZUNGSSCHERE
PASADOR DE LIMITADOR
SWORZEN OGRANICZNIK

H=40
B=16
D=10.5

2 st./pc
052.5311.--
DIN 7982
4.2 x 16

SL 68



069.7670.00

ONDERVULLING RAAMBEGRENZER
SUPPORT POUR LIMITATEUR D'OUVERTURE
SUPPORT FOR RESTRICTOR
FUELLSTUECK FUR BEGRENZUNGSSCHERE
CHASIS COMPAS LIMITADOR DE ABERTURA
WSPORNIK OGRANICZNIK DO OKNA

H=50
B=16
D=4

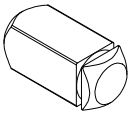
SL 68

G

160.7061.--

VIERKANTSTIFT
TIGE
SPINDLE
DRUCKERSTIFT
EJE
TRZPIEN

H=17
B=7
D=7

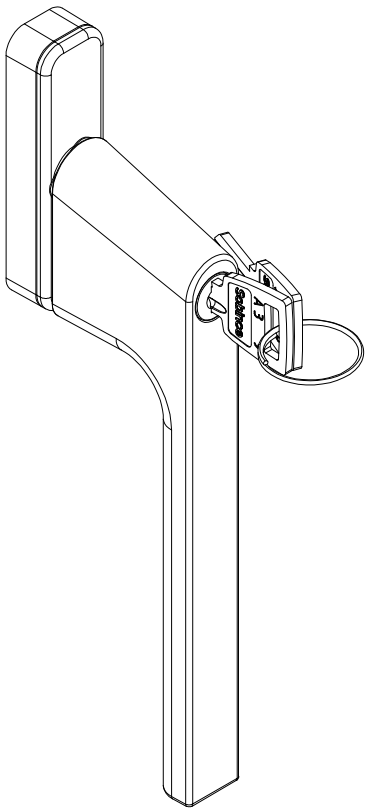


SL 68

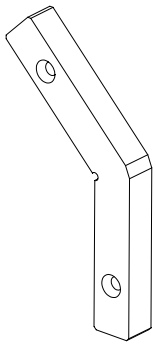
160.8252.PA

KRUK MET SLEUTEL
POIGNEE A CLE
HANDLE TO KEY
HANDGRIFF MIT SCHLUESSEL
CREMONA CON LLAVE
KLAMKA

H=160
B=17
D=50



SL 68



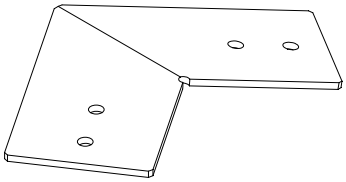
056.6249.00

HOEKVERBINDER 135°
EQUERRE 135°
CORNER CLEAT 135°
ECKVERBINDER 135°
ESCUADRA 135°
LACZNIK NAROZNY 135°

SL 68

H=110.25
B=56.5
D=12

2 st./pc
025.1227.--
-
M5 x 13

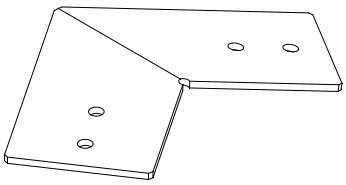


056.6250.00

HOEKVERBINDER 169°
EQUERRE 169°
CORNER CLEAT 169°
ECKVERBINDER 169°
ESCUADRA 169°
LACZNIK NAROZNY 169°

SL 68

H=115
B=70.6
D=2

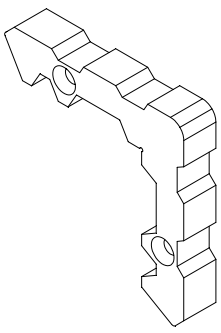


056.6251.00

HOEKVERBINDER 174°
EQUERRE 174°
CORNER CLEAT 174°
ECKVERBINDER 174°
ESCUADRA 174°
LACZNIK NAROZNY 174°

SL 68

H=115
B=70.6
D=2



068.7559.00

PERSHOEK 15.8x12mm
EQUERRE A SERTIR 15.8x12mm
CRIMP CORNER CLEAT 15.8x12mm
PRESSECKWINKEL 15.8x12mm
ESCUADRA DE ENSAMBLAR 15.8x12mm
NAROZNIK ZACISKANY 15.8x12mm

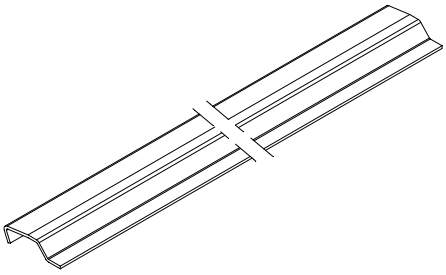
SL 68
203.0047.XX
203.0048.XX
203.0049.XX
203.0050.XX

H=67
B=67
D=12

2 st./pc
025.1227.--
-
M5 x 13

G

056.5047.00

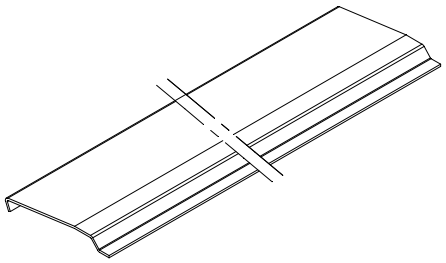


DILATATIEPROFIEL 98.5mm
PROFILE DE DILATATION 98.5mm
EXPANSION PROFILE 98.5mm
AUSDEHNUNGSPROFIL 98.5mm
PERFIL DE DILATACION 98.5mm
PROFIL DYLATACYJNY 98.5mm

SL 68
203.0047.XX

H=14.2
B=2500
47.5

056.5048.00

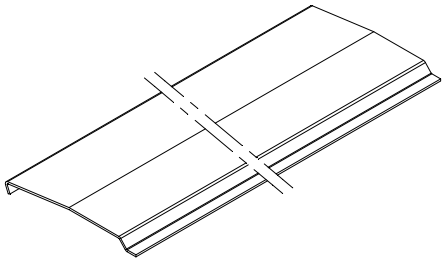


DILATATIEPROFIEL 160mm
PROFILE DE DILATATION 160mm
EXPANSION PROFILE 160mm
AUSDEHNUNGSPROFIL 160mm
PERFIL DE DILATACION 160mm
PROFIL DYLATACYJNY 160mm

SL 68
203.0048.XX

H=21
B=2500
D=108.5

056.5049.00

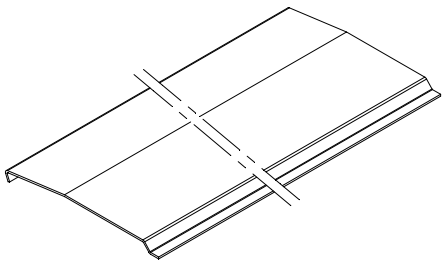


DILATATIEPROFIEL 200mm
PROFILE DE DILATATION 200mm
EXPANSION PROFILE 200mm
AUSDEHNUNGSPROFIL 200mm
PERFIL DE DILATACION 200mm
PROFIL DYLATACYJNY 200mm

SL 68
203.0049.XX

H=21
B=2500
D=148.5

056.5050.00



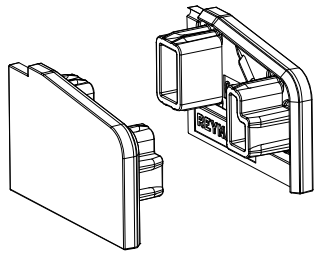
DILATATIEPROFIEL 240mm
PROFILE DE DILATATION 240mm
EXPANSION PROFILE 240mm
AUSDEHNUNGSPROFIL 240mm
PERFIL DE DILATACION 240mm
PROFIL DYLATACYJNY 240mm

SL 68
203.0050.XX

H=21
B=2500
D=188.5

G

069.0047.SY

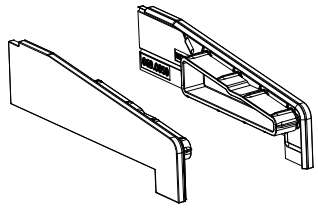


EINDSTUK DORPEL 98.5mm
PIECE D'EXTREMITE SEUIL 98.5mm
END PIECE SILL 98.5mm
ENDSTUECKWETTERSCHENKEL 98.5mm
TAPETAS PERFIL CONDENSACION 98.5mm
ELEMENT ZAKANCZAJACY PARAPETU 98.5mm

H=23.55
B=36.45
D=10

SL 68
203.0047.XX

069.0050.SY

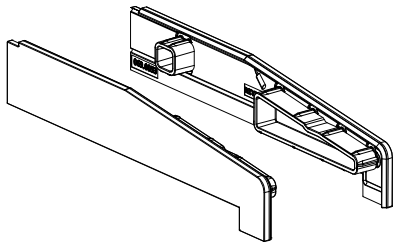


EINDSTUK DORPEL 160mm
PIECE D'EXTREMITE SEUIL 160mm
END PIECE SILL 160mm
ENDSTUECKWETTERSCHENKEL 160mm
TAPETAS PERFIL CONDENSACION 160mm
ELEMENT ZAKANCZAJACY PARAPETU 160mm

H=31.55
B=98
D=10

SL 68
203.0048.XX

069.0053.SY

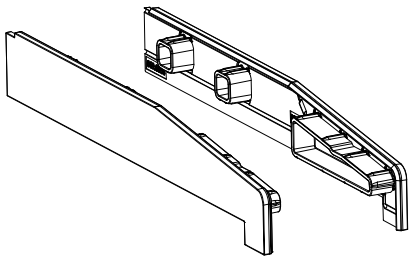


EINDSTUK DORPEL 200mm
PIECE D'EXTREMITE SEUIL 200mm
END PIECE SILL 200mm
ENDSTUECKWETTERSCHENKEL 200mm
TAPETAS PERFIL CONDENSACION 200mm
ELEMENT ZAKANCZAJACY PARAPETU 200mm

H=31.55
B=98
D=10

SL 68
203.0049.XX

069.0056.SY

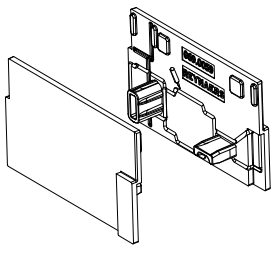


EINDSTUK DORPEL 240mm
PIECE D'EXTREMITE SEUIL 240mm
END PIECE SILL 240mm
ENDSTUECKWETTERSCHENKEL 240mm
TAPETAS PERFIL CONDENSACION 240mm
ELEMENT ZAKANCZAJACY PARAPETU 240mm

H=31.55
B=178
D=10

SL 68
203.0050.XX

069.0059.SY

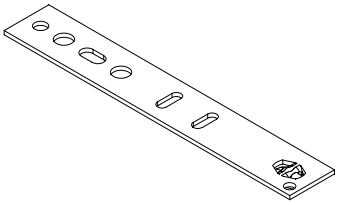


EINDSTUK DORPEL
PIECE D'EXTREMITE SEUIL
END PIECE SILL
ENDSTUECKWETTERSCHENKEL
TAPETAS PERFIL CONDENSACION
ELEMENT ZAKANCZAJACY PARAPETU

H=41.72
B=69.1
D=14

SL 68
203.0047.XX
203.0048.XX
203.0049.XX
203.0050.XX

G

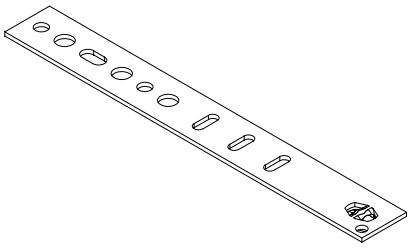


056.6114.--

INDRAAI-ANKER 10MM GROEF 160MM
ANCRAGE A CLIPPER 10MM GORGE 160MM
SCREW FIXING LUG 10MM GROOVE 160MM
MAUERANKER ZUM EINKLEMMEN 10MM RILLE 160MM
ANCLAJE CLIPADO 10MM RANURA 160MM
KOTEW MOCUJACA 10MM WPUSTEM 160MM

H=6
B=160
D=25

SL 68



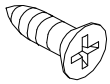
056.6115.--

INDRAAI-ANKER 200MM
ANCRAGE A CLIPPER 200MM
SCREW FIXING LUG 200MM
MAUERANKER ZUM EINKLEMMEN 200MM
ANCLAJE CLIPADO 200MM
KOTEW MOCUJACA 200MM

H=2
B=200
D=25

SL 68

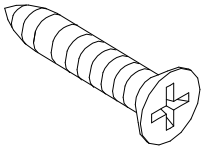
052.5345.--



SCHROEF DIN 7982 INOX 4.2x9.5
VIS DIN 7982 INOX 4.2x9.5
SCREW DIN 7982 INOX 4.2x9.5
SCHRAUBE DIN 7982 INOX 4.2x9.5
TORNILLO DIN 7982 INOX 4.2x9.5
WKRET DIN 7982 INOX 4.2x9.5

SL 68

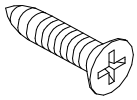
052.5346.--



SCHROEF DIN 7982 INOX 5.5x19
VIS DIN 7982 INOX 5.5x19
SCREW DIN 7982 INOX 5.5x19
SCHRAUBE DIN 7982 INOX 5.5x19
TORNILLO DIN 7982 INOX 5.5x19
WKRET DIN 7982 INOX 5.5x19

SL 68

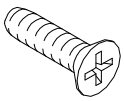
052.5379.--



SCHROEF (DIN 7982) INOX 4.3x16
VIS (DIN 7982) INOX 4.3x16
SCREW (DIN 7982) INOX 4.3x16
SCHRAUBE (DIN 7982) INOX 4.3x16
TORNILLO (DIN 7982) INOX 4.3x16
WKRET (DIN 7982) INOX 4.3x16

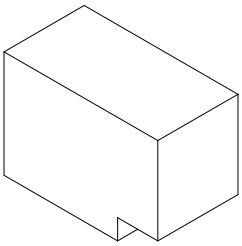
SL 68

052.5390.--



SCHROEF DIN 7982 A2 4.2x22 typ f
VIS DIN 7982 A2 4.2x22 typ f
SCREW DIN 7982 A2 4.2x22 typ f
SCHRAUBE DIN 7982 A2 4.2x22 typ f
TORNILLO DIN 7982 A2 4.2x22 typ f
WKRET DIN 7982 A2 4.2x22 typ f

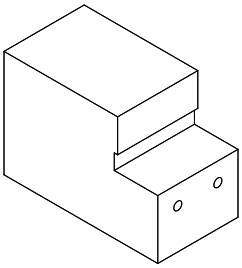
SL 68



095.B701.00

KLEMBLOK VLEUGELS CS
BLOC DE SERRAGE OUVRANTS CS
CLAMP BLOCK VENTS CS
SPANNBACKE FLUEGEL CS
BLOQUE DE PRESION HOJAS CS
BLOK DOCISKOWY SKRZYDLA CS

CS 59Pa
CS 59
CS 59-HV
CS 59-Re
CS 59-So
CS 68
CS 68-HV
CS 68-Re
CS 68-So
TP 110
TLS 110
CP 155
CP 155-LS
CW 50
CW 60
CS 68-FP
CW 86
CS 77-HV
CP 96
CP 96-LS
ES 50
CS 38-SL
CS 86-HI
CS 24-SL
SL 68

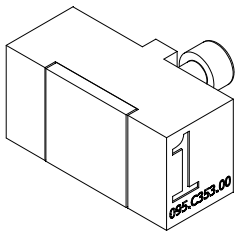


095.B702.00

KLEMBLOK KADERS
BLOC DE SERRAGE DORMANTS
CLAMP BLOCK OUTER FRAMES
SPANNBACKE BLENDRAHMEN
BLOQUE DE PRESION MARCOS
BLOK DOCISKOWY OSCIEZNICY

CS 59Pa
CS 59
CS 59-HV
CS 59-Re
CS 59-So
CS 68
CS 68-HV
CS 68-Re
CS 68-So
TP 110
TLS 110
CP 155
CP 155-LS
CW 50
CW 60
CS 68-FP
CW 86
CS 77-HV
CP 96
CP 96-LS
ES 50
CS 38-SL
CS 86-HI
CS 24-SL
SL 68

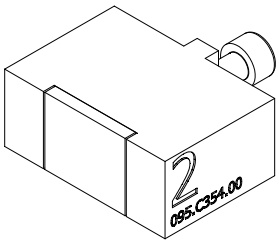
095.C353.00



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

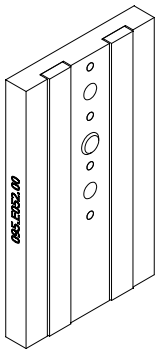
CS 59
CS 59-Re
CS 59-So
CS 59-SD
CS 68
CS 68-Re
CS 68-So
TLS 110
CP 155
CP 155-LS
CS 68-FP
CW 86-EF
SL 68

095.C354.00



KLEMBLOKKEN
BLOCS DE SERRAGE
CLAMP BLOCKS
SPANNBACKEN
BLOQUES DE PRESION
BLOKI DOCISKOWE

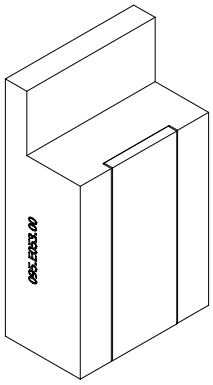
CS 59
CS 59-Re
CS 59-So
CS 59-SD
CS 68
CS 68-Re
CS 68-So
TP 110
TLS 110
CP 155
CP 155-LS
CS 68-FP
CW 86-EF
SL 68



095.E052.00

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

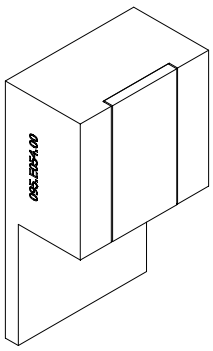
SL 68



095.E053.00

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

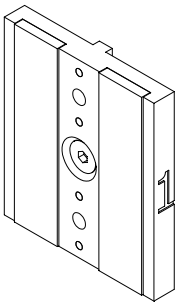
SL 68



095.E054.00

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

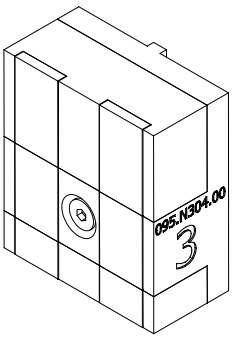
SL 68



095.N302.00

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

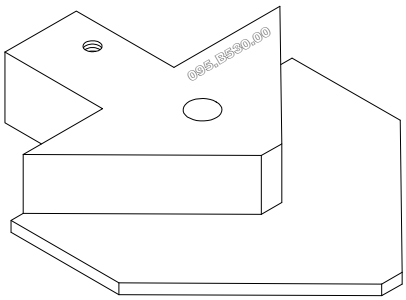
SL 68



095.N304.00

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

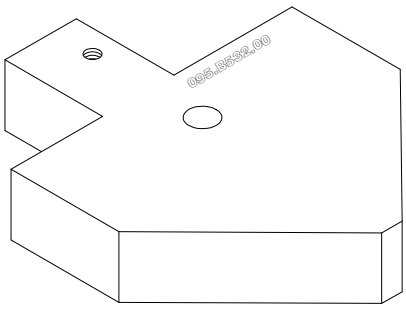
SL 68



095.B530.00

PERSBLOK D=5MM L=ST
ENCLUME D=5MM L=ST
PRESS BLOCK D=5MM L=ST
PRESSBLOCK D=5MM L=ST
PRENSA D=5MM L=ST
BLOK DOCISKOWY D=5MM L=ST

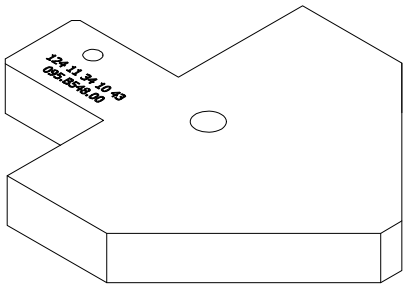
SL 68	CP 68	CS 68-FP	GNRLS
203.0156.XX	CP 96	CS 68-HV	MASTERLINE 10-De
203.0492.XX	CP 96-AP	CS 68-RE (CANCEL)	MASTERLINE 10-Fu
203.0502.XX	CP 96-LS	CS 68-SO (CANCEL)	MASTERLINE 8-De
203.2492.XX	CP 96-LS/AP	CS 77	MASTERLINE 8-FP
203.2502.XX	CR 120	CS 77 Light	MASTERLINE 8-Fu
	CS 104-HI+	CS 77-BP	MASTERLINE 8-Re
CD 50	CS 59	CS 77-FP	MASTERLINE 8-Sw
CD 68	CS 59-CD	CS 77-HV	MASTERLINE 8-WW
CF 77	CS 59-HV	CS 77-RE (CANCEL)	MasterPatio
CF 77-AP	CS 59PA	CS 77-SO	TR 200
CP 130	CS 59Pa-AD	CS 77-SP	
CP 130-LS	CS 59Pa-CD	CS 86-HI (CANCEL)	ES 45PA
CP 130Pa	CS 59Pa-SD	CSW 86-HI	
CP 130Pa-LS	CS 59-RE	CW 50	
CP 155	CS 59-SD	CW 50-HI	
CP 155-LS	CS 59-SO	CW 60	
CP 50	CS 68	CW 60-DRL	



095.B532.00

PERSBLOK D=30MM L=ST
ENCLUME D=30MM L=ST
PRESS BLOCK D=30MM L=ST
PRESSBLOCK D=30MM L=ST
PRENSA D=30MM L=ST
BLOK DOCISKOWY D=30MM L=ST

SL 68	CP 96-AP	CS 77-FP	CW 65-EF/HI
203.0106.XX	CP 96-LS	CS 77-HV	CW 65-EF/SG
203.0116.XX	CP 96-LS/AP	CS 77-RE (CANCEL)	CW 86
203.0216.XX	CR 120	CS 77-SP	CW 86-BR
203.0441.XX	CS 24-SL (CANCEL)	CS 86-HI (CANCEL)	CW 86-EF
203.0449.XX	CS 24-SL/AP (CANCEL)	CW 50	CW 86-EF/HI
203.1014.XX	CS 38-SL (CANCEL)	CW 50-HI	CW 86-SG
203.1314.XX	CS 38-SL/AP (CANCEL)	CW 50-HL	EF 7
	CS 59	CW 50-SC	EF 7-SG
CF 77	CS 59-HV	CW 50-SG	ES 45PA
CF 77-AP	CS 59PA	CW 50-VL	ES 50
CP 130	CS 59Pa-SD	CW 60	ES 50-AP
CP 130-LS	CS 59-SD	CW 60-DRL	MASTERLINE 10-De
CP 155	CS 68	CW 60-HI	MASTERLINE 10-Fu
CP 155-AP	CS 68-HV	CW 60-HL	MASTERLINE 10-HV
CP 155-LS	CS 68-RE (CANCEL)	CW 60-SC	MASTERLINE 10-Re
CP 155-LS/AP	CS 77	CW 60-SG	MASTERLINE 8-Fu
CP 96	CS 77 Light	CW 65-EF	MASTERLINE 8-HV



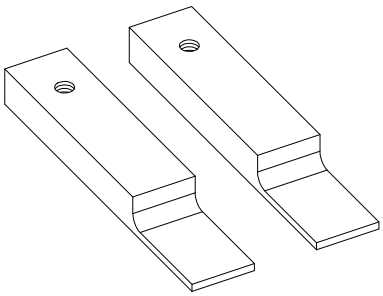
095.B548.00

PERSBLOK 20MM L=ST.L-5MM
ENCLUME 20MM L=ST.L-5MM
PRESS BLOCK 20MM L=ST.L-5MM
PRESSBLOCK 20MM L=ST.L-5MM
PRENSA 20MM L=ST.L-5MM
BLOK DOCISKOWY 20MM L=ST.L-5MM

SL 68
203.0156.XX
203.0492.XX
203.0502.XX
203.2492.XX
203.2502.XX

G

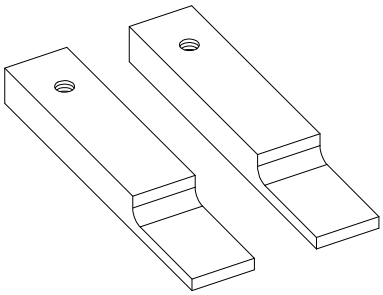
?



095.B560.00

MESSEN D=3MM L=ST
COUTEAUX D=3MM L=ST
KNIVES D=3MM L=ST
MESSER D=3MM L=ST
CUCHILLAS D=3MM L=ST
NOZE D=3MM L=ST

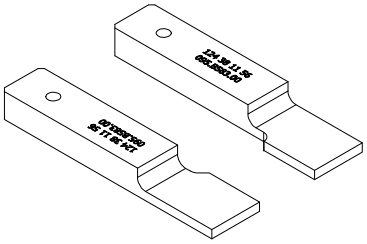
SL 68	CS 38-SL/AP (CANCEL)	MASTERLINE 10-HV
203.0156.XX	CS 59PA	MASTERLINE 10-Re
203.0492.XX	CS 68	MASTERLINE 8-FP
203.0502.XX	CS 77	MASTERLINE 8-Fu
203.1014.XX	CS 86-HI (CANCEL)	MASTERLINE 8-Sw
203.1314.XX	CSW 86-HI	MASTERLINE 8-WW
203.2492.XX	CW 50	MasterPatio
203.2502.XX	CW 50-SC	SL 38
	CW 50-VL	SlimPatio 68
CP 45PA	CW 60	
CP 45Pa (GR)	CW 60-SC	ES 45PA
CP 96	CW 65-EF	
CP 96-AP	CW 86	
CP 96-LS	CW 86-EF	
CP 96-LS/AP	ES 50	
CS 24-SL (CANCEL)	ES 50-AP	
CS 24-SL/AP (CANCEL)	GNRLS	
CS 38-SL (CANCEL)	MASTERLINE 10-Fu	



095.B561.00

MESSEN D=5MM L=ST
COUTEAUX D=5MM L=ST
KNIVES D=5MM L=ST
MESSER D=5MM L=ST
CUCHILLAS D=5MM L=ST
NOZE D=5MM L=ST

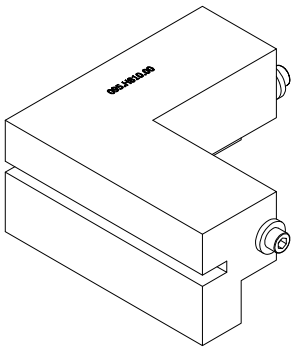
SL 68	CP 45Pa (GR)	ES 45PA
203.0106.XX	CS 38-SL (CANCEL)	
203.0116.XX	CS 38-SL/AP (CANCEL)	
203.0216.XX	CS 59-CD	
203.0218.XX	CS 59PA	
203.0441.XX	CS 59Pa-CD	
203.0449.XX	CS 59-SD	
	CW 50-HI	
CF 68	CW 60-HI	
CP 130	CW 65-EF/HI	
CP 130-LS	CW 86	
CP 130Pa	CW 86-EF	
CP 130Pa-LS	ES 50	
CP 155	ES 50-AP	
CP 155-AP	MASTERLINE 10-Fu	
CP 155-LS	MASTERLINE 8-Fu	
CP 155-LS/AP	MOSQUITO	
CP 45PA		



095.B583.00

MESSEN
COUTEAUX
KNIVES
MESSER
CUCHILLAS
NOZE

SL 68
203.0156.XX
203.0492.XX
203.0502.XX
203.1014.XX
203.1314.XX
203.2492.XX
203.2502.XX

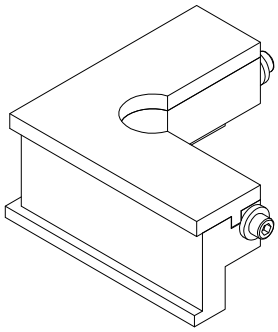


095.H810.00

PERSBLOK
ENCLUME
PRESS BLOCK
PRESSBLOCK
PRENSA
BLOK DOCISKOWY

PS 50-SP
CS 59Pa-SD
CS 59-SD
TP 110
TLS 110
CP 130
CP 155
CP 155-LS
CW 50
CW 50-HI
CW 50-HL
CW 60
TR 200
MOSQUITO
CR 120
CS 77
CW 50-SC
CW 50-SG
CW 60-SG
CP 155-AP
CP 155-LS/AP
ES 50
CS 86-HI
ES 50-AP
CW 60-SC
CW 60-HL
CW 86-EF/HI
CW 65-EF
ES 75
CW 50-VL
ES 45Pa

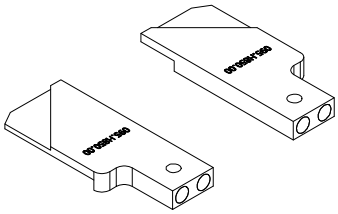
ES 50 Optima
SL 68



095.H821.00

PERSBLOK
ENCLUME
PRESS BLOCK
PRESSBLOCK
PRENSA
BLOK DOCISKOWY

SL 68
203.0116.XX
203.0441.XX
203.0449.XX
203.0492.XX
203.0502.XX
203.1492.XX
203.1502.XX



095.H850.00

MESSEN VOOR 095.H800.00 2.5MM
COUTEAUX POUR 095.H800.00 2.5MM
KNIVES FOR 095.H800.00 2.5MM
MESSER FUER 095.H800.00 2.5MM
CUCHILLAS PARA 095.H800.00 2.5MM
NOZE DLA 095.H800.00 2.5MM

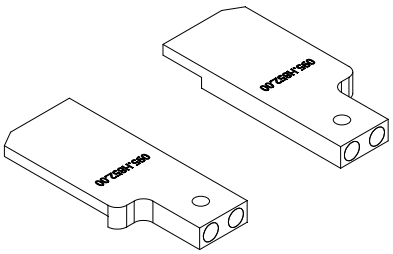
SL 68
203.0492.XX
203.0502.XX
203.1492.XX
203.1502.XX

CS 59Pa
CS 68
CP 155
CP 155-LS
CW 50
CW 60
TR 200
MOSQUITO
CR 120
CW 50-SG
CW 60-SG
CP 155-AP
CP 155-LS/AP
CP 96
CP 45Pa
CP 96-LS
CP 96-AP
CP 96-LS/AP
ES 50
BT
CS 38-SL
CS 86-HI
ES 50-AP
CS 38-SL/AP
CS 24-SL
CS 24-SL/AP
CW 65-EF
CP 45Pa (GR)
CSW 86-HI
MASTERLINE 8-Fu
SL 38
MASTERLINE 8-Sw

CS 68 Optima
ES 50 Optima
CP 50 (GR)
CS 77 Optima
ES 45Pa

PERSBLOK VOOR 095.H800.00
ENCLUME POUR 095.H800.00
PRESS BLOCK FOR 095.H800.00
PRESSBLOCK FUER 095.H800.00

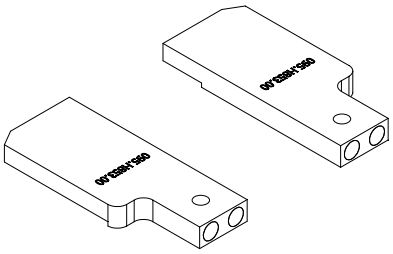
095.H852.00



MESSEN VOOR 095.H800.00
COUTEAUX POUR 095.H800.00
KNIVES FOR 095.H800.00
MESSER FUER 095.H800.00
CUCHILLAS PARA 095.H800.00
NOZE DLA 095.H800.00

SL 68	**CW 86-EF**
203.0116.XX	**ES 50**
203.0441.XX	**CS 38-SL**
203.0449.XX	**CS 86-HI**
	CS 38-SL/AP
CS 59Pa-CD	**CW 60-HI**
CS 59Pa-SD	**CW 65-EF/HI**
CS 59	**CF 68**
CS 59-HV	
CS 59-CD	**ES 45Pa**
CS 59-SD	
CP 130	
CP 130-LS	
CW 50	
CW 50-HI	
CW 60	
MOSQUITO	
CW 86	

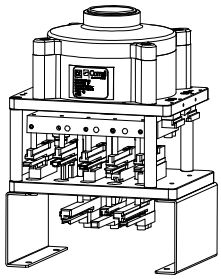
095.H853.00



MESSEN VOOR 095.H800.00 8MM
COUTEAUX POUR 095.H800.00 8MM
KNIVES FOR 095.H800.00 8MM
MESSER FUER 095.H800.00 8MM
CUCHILLAS PARA 095.H800.00 8MM
NOZE DLA 095.H800.00 8MM

G

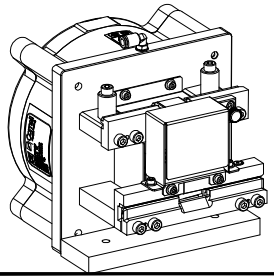
197.C900.00



MULTIFUNCTIONELE MATRIJS
MATRICE MULTIFONCTIONNELLE
MULTIFUNCTIONAL PUNCH TOOL
MEHRZWECKSTANZWERKZEUG
MATRIZ MULTIFUNCIONAL
WYKROJNIK WIELOFUNKCYJNY

SL 68

203.0100.XX
203.0106.XX
203.0116.XX
203.0216.XX
203.0218.XX
203.0220.XX
203.0414.XX
203.0419.XX
203.0429.XX
203.0441.XX
203.0449.XX
203.0492.XX
203.0502.XX
203.0890.XX
203.2492.XX
203.2502.XX



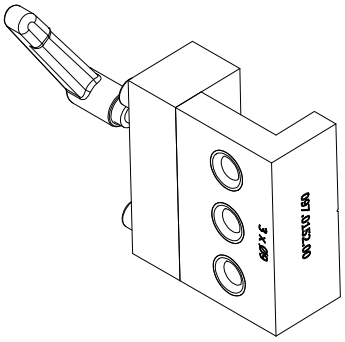
197.D000.00

MATRIJS SLOT
MATRICE FERMETURE
PUNCH TOOL LOCK
STANZWERKZEUG SCHLOSS

WYKROJNIK DO ZAMKA

SL 68

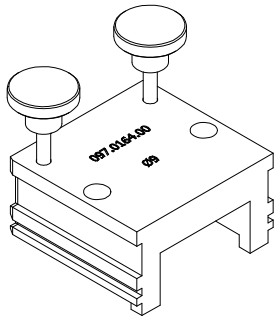
G



097.0152.00

BOORMAL KRUK
GABARIT DE PER€AGE POIGNEE
BORING JIG HANDLE
BORHLEHRE HANDGRIFF
PLANTILLA CREMONA
SZABLON DO POL. KLAMKA

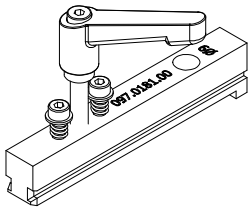
SL 68



097.0164.00

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

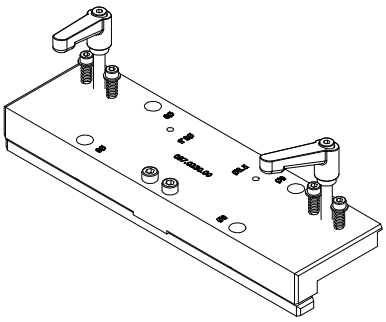
SL 68
203.0116.XX
203.0441.XX
203.0449.XX
203.0890.XX



097.0181.00

BOORMAL T-VERBINDING
CALIBRE RACCORDEMENT-T
BORING JIG T-CONNECTION
BOHRLEHRE T-VERBINDUNG
UTIL TOPE DE UNION
SZABLON DO POLACZEN TEOWYCH

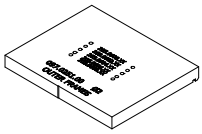
SL 68
203.0100.XX
203.0414.XX
203.0419.XX
203.0429.XX

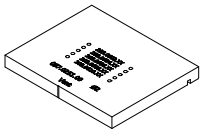


097.0230.00

BOORMAL HOEKVERBINDING
CALIBRE DE PERCAGE EQUERRE
BORING JIG CORNER CLEAT
BOHRLEHRE ECKVERBINDER
PLANTILLA ESCUADRA
SZABLON DO LACZNIKOW NAROZNYCH

SL 68

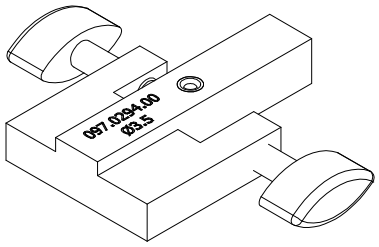




097.0251.00

BOORMAL BEGLAZING
GABARIT DE PERCAGE VITRAGE
BORING JIG GLAZING
BOHRLEHRE VERGLASUNG
PLANTILLA VIDRIO
SZABLON DO POL. REDUKCYJNY

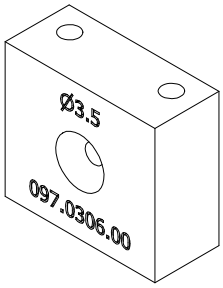
SL 68



097.0294.00

BOORMAL T-VERBINDING
CALIBRE RACCORDEMENT-T
BORING JIG T-CONNECTION
BOHRLEHRE T-VERBINDUNG
UTIL TOPE DE UNION
SZABLON DO POLACZEN TEOWYCH

SL 68



097.0306.00

BOORMAL T-VERBINDING
CALIBRE RACCORDEMENT-T
BORING JIG T-CONNECTION
BOHRLEHRE T-VERBINDUNG
UTIL TOPE DE UNION
SZABLON DO POLACZEN TEOWYCH

SL 68

Together
for better