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Inhoud

INHOUDSTAFEL

52.001-008

Algemene informatie

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52.A.001-002

Algemene informatie systeme

VERWERKINGSVOORSCHRIFTEN

52C.B.001-062

Profielen

PROFIELOVERZICHT
OVERZICHT PROFIELEN
DRAAG- OF STAANDERPROFIEL
DWARS- OF REGELPROFIEL
VERBINDINGS- EN DILATATIEPROFIEL
GLASSTEUN
AFWATERINGSPROFIEL + AFSTANDHOUDER
AFSTANDSHOUDER
T-VERBINDERS
KLEMPROFIEL VERTICAAL+ HORIZONTAAL
AFDEKPROFIEL VERTICAAL + HORIZONTAAL
AFWATERINGSPROFIEL + AFSTANDHOUDER
PROFIEL BOUWAANSLUITING
KLIPSPROFIEL
BUIJS
UITZETZAKRAAM
UITZETZAKRAAM/PARALLEL OPENGAAND RAAM
KOPPELING MET ANDERE SYSTEMEN
DWARS- OF REGELPROFIEL
KLEM- EN AFDEKPROFIEL
NOKPROFIEL EN AFDEKPROFIEL NOK
GLASLATTEN
VLEUGEL DAKRAAM
BUITENKADER DAKRAAM
DRAAGPROFIEL BINNENHOEK 45°
KLEMPROFIEL BINNENHOEK
AFDEKPROFIEL BINNENHOEK
VERBINDINGS- EN DILATATIEPROFIEL
KLEMPROFIEL SC
HULPPROFIEL SC
KADER- EN KLIPSPROFIEL SC
KADER- EN KLIPSPROFIEL SG

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GEVEL BASIS
GEVEL BASIS * BORSTWERINGSPANEEL "
GEVEL BASIS
GEVEL VARIANTEN-HL
GEVEL VARIANTEN-HL " GECOMBINEERD MET SC "
GEVEL VARIANTEN-HL
GEVEL VARIANTEN-VL
GEVEL BASIS * OPENGAANDE ELEMENTEN "
HELLENDE GEVEL
GEVEL BASIS * SSG BUITENDR. ELEM. "
GEVEL BASIS * GLASLAT BUITENDR. ELEM. "
GEVEL BASIS * SSG BUITENDR. ELEM. "
GEVEL VARIANTEN-HI " GLASLAT BUITENDR. ELEM. "
GEVEL VARIANTEN-HI " SSG BUITENDR. ELEM. "
GEVEL VARIANTEN-HL " SSG BUITENDR. ELEM. "
GEVEL VARIANTEN-VL " SSG BUITENDR. ELEM. "
HELLENDE GEVEL " VERBINDING VERTICALE GEVEL "
HELLENDE GEVEL
HELLENDE GEVEL " VLAK DAKRAAM "
HELLENDE GEVEL " VLAK DAKRAAM-HI "
BASIS FACETTENGEL " BUITENHOEK α = 150° -> 160° "
HOEKPROFIELEN " BUITENHOEK 90° (75°-105°) "
HOEKPROFIELEN " BUITENHOEK 120° (105°-135°) "
HOEKPROFIELEN " BUITENHOEK 150° (135°-165°) "
BASIS FACETTENGEL
BASIS FACETTENGEL " BUITENHOEK 270° "
BASISSTRUKTUUR VARIANTEN
GEVEL VARIANTEN-SC
GEVEL VARIANTEN-SC " DRIEDUBBELE BEGLAZING "
BASISSTRUKTUUR VARIANTEN
GEVEL VARIANTEN-SC " BUITENHOEK 90° "
GEVEL VARIANTEN-SC " BUITENHOEK VARIABEL "
GEVEL VARIANTEN-SC " SHADOW BOX "
BASISSTRUKTUUR VARIANTEN
GEVEL VARIANTEN-SC " DILATATIE "
GEVEL VARIANTEN-SC " BOUWAANSLUITING "
GEVEL VARIANTEN-SC " SSG BUITENDR. ELEM. "
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GEVEL BASIS
BASISSTRUKTUUR VARIANTEN
GEVEL VARIANTEN-SG " BOUWAANSLUITING "
GEVEL BASIS

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UITZETZAKRAAM SSG
UITZETZAKRAAM GLASLAT
PARALLEL OPENGAAND RAAM
PARALLEL OPENGAAND RAAM SSG
PARALLEL OPENGAAND RAAM GLASLAT
UITZETZAKRAAM HI GLASLAT
UITZETZAKRAAM GLASLAT
PARALLEL OPENGAAND RAAM GLASLAT
UITZETZAKRAAM HI-SSG
PARALLEL OPENGAAND RAAM HI-SSG
UITZETZAKRAAM MOTOR COMBINATIE
PARALLEL OPENG. RAAM MOTOR COMBINATIE
UITZETZAKRAAM HL-SSG

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PARALLEL OPENGAAND RAAM HL-SSG
VLAK DAKRAAM
VLAK DAKRAAM-SPINDEL
VLAK DAKRAAM-MOTOR COMBINATIE
VLAK DAKRAAM-HI
VLAK DAKRAAM-HI-SPINDEL
VLAK DAKRAAM HI-MOTOR COMBINATIE
UITZETZAKRAAM VL
PARALLEL OPENGAAND RAAM VL
HELLENDE GEVEL
BASISSTRUKTUUR VARIANTEN
UITZETZAKRAAM-SC-SSG
PARALLEL OPENGAAND RAAM-SC-SSG
BASISSTRUKTUUR VARIANTEN
GEVEL VARIANTEN-SG * BORSTWERINGSPANEEL "

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MONTAGE MOGELIJKHEDEN
GEREEDSCHAPPEN EN MACHINES OVERZICHT
ONTWATERING EN DRUKEGALISATIE
GEVEL BASIS
GEVEL BASIS * GEVULCANISEERDE HOEKEN "
GEVEL BASIS
GEVEL BASIS * GLASSTEUN "
GEVEL BASIS * GLASSTEUN "
GEVEL BASIS "T-VERBINDER"
EINDDICHTING AANPASBAAR
GEVEL BASIS * GLASSTEUN 150KG "
GEVEL BASIS * GLASSTEUN "
GEVEL BASIS * GLASSTEUN 350KG SCHUINE GEVEL "
GEVEL BASIS * PROFIELEN SCHUINE GEVEL "
GEVEL BASIS * GLASSTEUN INOX "
GEVEL BASIS * HOEKPROFIELEN "
GEVEL BASIS * BORSTWERINGSPANEEL "
GEVEL BASIS * BEGLAZINGSMOGELIJKHEDEN "
GEVEL BASIS-HI " BEGLAZINGSMOGELIJKHEDEN "
GEVEL BASIS * BEGLAZINGSMOGELIJKHEDEN "
DILATATIE
GEVEL BASIS * ONTWATERING "
GEVEL BASIS
GEVEL BASIS * ONTWATERING "
GEVEL BASIS * AARDING "
GEVEL BASIS * VERDELING ANKERS "
GEVEL BASIS * PLAFONDVERANKERING "
GEVEL BASIS * BODEMVERANKERING "
GEVEL BASIS * TUSSENVERANKERING LOS "
GEVEL BASIS * TUSSENVERANKERING VAST "
GEVEL BASIS * DOORVALBEVEILIGING TUSSEN DE STIJLEI
GEVEL BASIS * DOORVALBEVEILIGING OP DE STIJLEN "
GEVEL BASIS-HI
GEVEL VARIANTEN-HL
GEVEL VARIANTEN-HL " OPEN. ELEMENTEN "
GEVEL VARIANTEN-HL
GEVEL VARIANTEN-VL
GEVEL VARIANTEN-VL " ONTWATERING "
GEVEL BASIS * PERSEN KADER 0341121.XX "
GEVEL BASIS * PERSEN KADER 0340155.XX "
GEVEL BASIS * UITZETZAKRAAM "
GEVEL BASIS * UITZETZAKRAAM HL "
GEVEL BASIS * PERSEN KADER 0070331 - 0070341.XX HI "
GEVEL BASIS * PERSEN VLEUGEL 034.0158.XX HI "
GEVEL BASIS * PERSEN VLEUGEL 0070160 HI "
GEVEL BASIS * UITZETZAKRAAM HL "
GEVEL BASIS * UITZETZAKRAAM "
VLEUGEL
GEVEL BASIS * OPENGAANDE ELEMENTEN "
GEVEL BASIS * ONTWATERING VLEUGEL "
GEVEL BASIS * OPENGAANDE ELEMENTEN "
GEVEL BASIS * DEMONTEREN HENDEL 060.7129.XX "
GEVEL BASIS * SCHAREN "
GEVEL BASIS * MANUELE THW "
GEVEL BASIS * AUTOMATISCHE THW "
GEVEL BASIS * SCHAREN "
GEVEL BASIS * SCHAREN THW "
GEVEL BASIS * MANUELE THW "
GEVEL BASIS * SCHAREN "
GEVEL BASIS * OPENGAANDE ELEMENTEN "
GEVEL BASIS * AUTOMATISCHE THW "
GEVEL BASIS * RAAMBEGRENZER "
GEVEL BASIS * OPENGAANDE ELEMENTEN "
GEVEL BASIS * MANUELE POW "
GEVEL BASIS * OPENGAANDE ELEMENTEN "
GEVEL BASIS * AUTOMATISCHE POW "
UITHAAKBEVEILIGING EN GLASLATBEVEILIGING
GEVEL BASIS * AUTOMAT. THW BEWERKINGEN MOTOR "
GEVEL BASIS * AUTOMAT. THW MONTAGE MOTOR "
GEVEL BASIS * AUTOMAT. THW BEWERKINGEN MOTOR "
GEVEL BASIS * AUTOMAT. THW MONTAGE MOTOR "
GEVEL BASIS * AUTOMAT. THW BEWERKINGEN MOTOR "
GEVEL BASIS * AUTOMAT. THW MONTAGE MOTOR "
GEVEL BASIS * AUTOMAT. POW BEWERKINGEN MOTOR "
GEVEL BASIS * AUTOMAT. POW MONTAGE MOTOR "
GEVEL BASIS * AUTOMAT. POW BEWERKINGEN MOTOR "
GEVEL BASIS * AUTOMAT. POW MONTAGE MOTOR "
HELLENDE GEVEL
HELLENDE GEVEL " MET GOOT "
HELLENDE GEVEL
HELLENDE GEVEL " PERSEN KADER "
HELLENDE GEVEL " PERSEN VLEUGEL "
HELLENDE GEVEL " LIJMINJECTIE RAAM "
VLAK DAKRAAM-HENDEL
VLAK DAKRAAM-SPINDEL
ONTWATERING EN DRUKEGALISATIE
HELLENDE GEVEL " AUTOMAT. FRV BEWERKINGEN MOTO
HELLENDE GEVEL " MANUELE FRV"
HELLENDE GEVEL " AUTOMATISCHE FRV"
VLAK DAKRAAM
MAX. AFMETINGEN

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52C.B.001-062

Profilés

APERCU DES PROFILES
APERCU PROFILES
MENEAU
TRAVERSE
PROFILLE DE RACCORDEMENT ET DILATATION
SUPPORT CALE DE VITRAGE
PROFILLE DE DRAINAGE + PIECE D'ECARTEMENT
REDUCTEUR DE FEUILLURE
JONCTIONS-T
SERREUR VERTICAL + HORIZONTAL
PROFILLE DE RECouvreMENT VERTICAL + HORIZONTAL
PROFILLE DE DRAINAGE + PIECE D'ECARTEMENT
PROFILLE RACCORDEMENT AU BATTIMENT
CLIP
TUBE
FENETRE OUVRANT A L'ITALIENNE
FENETRE OUVRANT PARALLELE/A L'ITALIENNE
JONCTION AVEC D'AUTRES SYSTEMES
TRAVERSE
SERREUR ET CAPOT
PROFILLE DE FAITIÈRE ET CAPOT FAITIÈRE
PARCLOSES
OUVRANT TABATIERE
DORMANT TABATIERE
MENEAU COIN INTERIEUR 45°
SERREUR COIN INTERIEUR
PROFILLE DE RECouvreMENT COIN INTERIEUR
PROFILLE DE RACCORDEMENT ET DILATATION
SERREUR SC
PROFILLE DE RACCORDEMENT SC
CADRE ET CLIP SC
CADRE ET CLIP SG

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Sections des noeuds

FACADE DE BASE
FACADE DE BASE " PANNEAU ALLEGE "
FACADE DE BASE
FACADE VARIANTES-HL
FACADE VARIANTES-HL " COMBINE AVEC SC "
FACADE VARIANTES-HL
FACADE VARIANTES-VL
FACADE DE BASE " PARTIES OUVRANTES "
FACADE EN PENTE
FACADE DE BASE " SSG ELEM.OUVERTURE VERS L'EXT"
FACADE DE BASE " PARCLOSE ELEM.OUVERTURE VERS L'I
FACADE DE BASE " SSG ELEM.OUVERTURE VERS L'EXT"
FACADE VARIANTES-HI " PARCLOSE ELEM.OUVERTURE V
FACADE VARIANTES-HI " SSG ELEM.OUVERTURE VERS L'E
FACADE VARIANTES-HL " SSG ELEM.OUVERTURE VERS L'E
FACADE VARIANTES-VL " SSG ELEM.OUVERTURE VERS L'E
FACADE EN PENTE " CONNECTION FACADE VERTICALE "
FACADE EN PENTE
FACADE EN PENTE " TABATIERE PLAT "
FACADE EN PENTE " TABATIERE PLAT-HI "
FACADE DE BASE A FACETTES " ANGLE EXTERIEUR α = 15
PROFILES D'ANGLE " ANGLE EXTERIEUR 90° (75°-105°) "
PROFILES D'ANGLE " ANGLE EXTERIEUR 120° (105°-135°) "
PROFILES D'ANGLE " ANGLE EXTERIEUR 150° (135°-165°) "
FACADE DE BASE A FACETTES
FACADE DE BASE A FACETTES " ANGLE EXTERIEUR 270° "
STRUCTURE DE BASE VARIANTES
FACADE VARIANTES-SC
FACADE VARIANTES-SC " TRIPLE VITRAGE "
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FACADE BASIC * CORNER PROFILES *
FACADE BASIC * SPANDREL GLAZING *
FACADE BASIC * GLAZING POSSIBILITIES *
FACADE BASIC-HI * GLAZING POSSIBILITIES *
FACADE BASIC * GLAZING POSSIBILITIES *
EXPANSION
FACADE BASIC * DRAINAGE *
FACADE BASIC
FACADE BASIC * DRAINAGE *
FACADE BASIC * EARTHING *
FACADE BASIC * ANCHORING REPARTITION *
FACADE BASIC * CEILING ANCHORING *
FACADE BASIC * BOTTOM ANCHORING *
FACADE BASIC * LOOSE INTERM. ANCHORING *
FACADE BASIC * FIXED INTERM. ANCHORING *
FACADE BASIC * FALL THROUGH PROTECTION BETWEEN
FACADE BASIC * FALL THROUGH PROTECTION ON THE MI
FACADE BASIC-HI
FACADE VARIANTS-HL
FACADE VARIANTS-HL * OPENING ELEMENTS *
FACADE VARIANTS-HL
FACADE VARIANTS-VL
FACADE VARIANTS-VL * DRAINAGE *
FACADE BASIC * PRESSING FRAME 034.1121.XX *
FACADE BASIC * PRESSING FRAME 034.0155.XX *
FACADE BASIC * TOP-HUNG WINDOW *
FACADE BASIC * TOP-HUNG WINDOW HL *
FACADE BASIC * PRESSING FRAME 0070331.XX - 0070341.
FACADE BASIC * PRESSING VENT 034.0158.XX HI *
FACADE BASIC * PRESSING VENT 0070160 HI *
FACADE BASIC * TOP-HUNG WINDOW HL *
FACADE BASIC * TOP-HUNG WINDOW *
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FACADE BASIC * OPENING ELEMENTS *
FACADE BASIC * DRAINAGE VENT *
FACADE BASIC * OPENING ELEMENTS *
FACADE BASIC * DISASSEMBLY HANDLE 060.7129.XX *
FACADE BASIC * FRICTION STAYS *
FACADE BASIC * MANUEL THW *
FACADE BASIC * AUTOMATIC THW *
FACADE BASIC * FRICTION STAYS *
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FACADE BASIC * MANUEL THW *
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FACADE BASIC * OPENING ELEMENTS *
FACADE BASIC * AUTOMATIC THW *
FACADE BASIC * RESTRICTOR *
FACADE BASIC * OPENING ELEMENTS *
FACADE BASIC * MANUEL POW *
FACADE BASIC * OPENING ELEMENTS *
FACADE BASIC * AUTOMATIC POW *
SECURITY DEVICE OUTER FRAME AND GLAZING BEAD
FACADE BASIC * AUTOMATIC THW OPERATIONS MOTOR
FACADE BASIC * AUTOMATIC THW ASSEMBLY MOTOR *
FACADE BASIC * AUTOMATIC THW OPERATIONS MOTOR
FACADE BASIC * AUTOMATIC THW ASSEMBLY MOTOR *
FACADE BASIC * AUTOMATIC THW OPERATIONS MOTOR
FACADE BASIC * AUTOMATIC THW ASSEMBLY MOTOR *
FACADE BASIC * AUTOMATIC POW OPERATIONS MOTOR
FACADE BASIC * AUTOMATIC POW ASSEMBLY MOTOR *
FACADE BASIC * AUTOMATIC POW OPERATIONS MOTOR
FACADE BASIC * AUTOMATIC POW ASSEMBLY MOTOR *
SLOPED FACADE
SLOPED FACADE * WITH GUTTER *
SLOPED FACADE
SLOPED FACADE * PRESSING FRAME *
SLOPED FACADE * PRESSING VENT *
SLOPED FACADE * GLUE INJECTION WINDOW *
FLUSH ROOF VENT-HANDLE
FLUSH ROOF VENT-SPINDLE
DRAINAGE AND PRESSURE EQUALISATION
SLOPED FACADE * AUTOMATIC FRV OPERATIONS MOTOR
SLOPED FACADE * MANUAL FRV *
SLOPED FACADE * AUTOMATIC FRV *
FLUSH ROOF VENT
MAX. SIZES

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52.F.002-003
52.F.004-005
52.F.006-007
52.F.008-009
52.F.010-011
52.F.012-013
52.F.014-015
52.F.016-023
52.F.024-025
52.F.026-029
52.F.030-031
52.F.032-033
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52.F.038-039
52.F.040-043
52.F.044-047
52.F.048-049
52.F.050-051
52.F.052-053
52.F.054-055
52.F.056-057
52.F.058-059
52.F.060
52.F.061
52.F.062
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52.F.064
52.F.065
52.F.066
52.F.067-069
52.F.070-071
52.F.072-075
52.F.076-077
52.F.078-079
52.F.079_01.001-079_01.002
52.F.079_01.003-079_01.004
52.F.079_01.005
52.F.079_01.006
52.F.080
52.F.081
52.F.081_01.001-081_01.002
52.F.081_01.003
52.F.081_01.004
52.F.082-083
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52.F.085
52.F.086-087
52.F.088-089
52.F.090-093
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52.F.096-097
52.F.098-101
52.F.101_01.001-101_01.002
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52.F.112-113
52.F.114-115
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52.F.136-137
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Inhalt

INHALTSANGABE

52.001-008

Allgemeine Information

ZEICHENERKLAERUNG

52.A.001-002

Allgemeine Information Systeme

VERARBEITUNGSVORSCHRIFTEN

52C.B.001-062

Profile

PROFILUEBERSICHT
UEBERSICHT PROFILE
PFOSTENPROFIL
RIEGELPROFIL
VERBUND- UND AUSDEHNUNGSPROFIL
GLASAUFLAGEPROFIL
ENTWAESSERUNGSPROFIL + DISTANZSTUECK
FALZVERKLEINERUNGSPROFIL
T-VERBINDER
GLASHALTEPROFIL VERTIKAL + HORIZONTAL
ABDECKPROFIL VERTIKAL + HORIZONTAL
ENTWAESSERUNGSPROFIL + DISTANZSTUECK
PROFIL BAUANSCHLUSS
ABDECKPROFIL
ROHR
SENKKLAPPFENSTER
SENKKLAPPF/PARALLELAUSSTELLFENSTER
VERBINDUNGEN MIT ANDEREN SYSTEMEN
RIEGELPROFIL
GLASHALTE- UND ABDECKPROFIL
FIRSTPROFIL UND ABDECKPROFIL FIRST
GLASLEISTEN
FLUEGEL DACHFENSTER
BLENDRAHMEN DACHFENSTER
PFOSTENPROFIL INNENECKE 45°
GLASHALTEPROFIL INNENWINKEL
ABDECKPROFIL INNENWINKEL
VERBUND- UND AUSDEHNUNGSPROFIL
GLASHALTEPROFIL SC
ZUSATZPROFIL SC
BLENDRAHMEN UND ABDECKPROFIL SC
BLENDRAHMEN UND ABDECKPROFIL SG

52.C.001-016
52.C.017
52.C.018-019
52.C.020
52.C.021-023
52.C.024-025
52.C.026
52.C.027
52.C.028
52.C.029
52.C.030-031
52.C.032
52.C.033
52.C.034
52.C.035
52.C.036
52.C.037-039_01.002
52.C.040-042
52.C.043
52.C.044-045
52.C.046-047
52.C.048
52.C.049-050
52.C.051-052
52.C.053
52.C.054
52.C.055-056
52.C.057
52.C.058
52.C.059
52.C.060
52.C.061-062

Profilkombinationen

FASSADE BASIS
FASSADE BASIS " BRUESTUNGSVERGLASUNG "
FASSADE BASIS
FASSADE VARIANTE-HL
FASSADE VARIANTE-HL "KOMBINIERT MIT SC "
FASSADE VARIANTE-HL
FASSADE VARIANTE-VL
FASSADE BASIS " OEFNENDE TEILE "
GENEIGTE FASSADE
FASSADE BASIS " SSG AUSSEN OEFF. ELEM. "
FASSADE BASIS " GLASLEISTEN AUSSEN OEFF. ELEM. "
FASSADE BASIS " SSG AUSSEN OEFF. ELEM. "
FASSADE VARIANTE-HI " GLASLEISTEN AUSSEN OEFF. ELI
FASSADE VARIANTE-HI " AUSSEN OEFF. ELEM. "
FASSADE VARIANTE-HL " SSG AUSSEN OEFF. ELEM. "
FASSADE VARIANTE-VL " SSG AUSSEN OEFF. ELEM. "
GENEIGTE FASSADE " UEBERGANG VERTIKALFASSADE "
GENEIGTE FASSADE
GENEIGTE FASSADE " DACHFENSTER "
GENEIGTE FASSADE " DACHFENSTER-HI "
SEGMENTIERTE FASSADE BASIS " AUSSENECKE $\alpha = 150^\circ$
ECKPFOSTEN " AUSSENECKE $90^\circ (75^\circ-105^\circ)$ "
ECKPFOSTEN " AUSSENECKE $120^\circ (105^\circ-135^\circ)$ "
ECKPFOSTEN " AUSSENECKE $150^\circ (135^\circ-165^\circ)$ "
BASIS FACETTENFASSADE
SEGMENTIERTE FASSADE BASIS " AUSSENECKE 270° "
BASISSTRUKTUR VARIANTE
FASSADE VARIANTE-SC
FASSADE VARIANTE-SC " DREIFACHVERGLASUNG "
BASISSTRUKTUR VARIANTE
FASSADE VARIANTE-SC " AUSSENECKE 90° "
FASSADE VARIANTE-SC " AUSSENECKE WECHSELBAR "
FASSADE VARIANTE-SC " SHADOW BOX "
BASISSTRUKTUR VARIANTE
FASSADE VARIANTE-SC " AUSDEHNUNG "
FASSADE VARIANTE-SC " BAUANSCHLUSS "
FASSADE VARIANTE-SC " SSG AUSSEN OEFF. ELEM. "
BASISSTRUKTUR VARIANTE
FASSADE BASIS
BASISSTRUKTUR VARIANTE
FASSADE VARIANTE-SG " BAUANSCHLUSS "
FASSADE BASIS

52.D.001-003
52.D.004
52.D.005-007
52.D.008
52.D.009
52.D.010
52.D.010_01.001-010_01.004
52.D.011
52.D.012
52.D.013
52.D.014
52.D.015
52.D.015_01.001
52.D.015_01.002
52.D.016-019
52.D.019_01.001-019_01.003
52.D.019_01.001
52.D.020-026
52.D.027
52.D.028
52.D.029
52.D.030
52.D.031
52.D.032
52.D.033-034
52.D.035
52.D.036-039
52.D.040-042
52.D.043
52.D.044
52.D.045
52.D.046
52.D.047
52.D.048
52.D.049
52.D.050
52.D.051-053
52.D.054-055
52.D.056
52.D.057
52.D.058
52.D.059-060

Werkzeichnungen

SENKKLAPPFENSTER
SENKKLAPPFENSTER SSG
SENKKLAPPFENSTER GLASLEISTE
PARALLELAUSSTELLFENSTER
PARALLELAUSSTELLFENSTER SSG
PARALLELAUSSTELLFENSTER GLASLEISTE
SENKKLAPPFENSTER HI GLASLEISTE
SENKKLAPPFENSTER GLASLEISTE
PARALLELAUSSTELLFENSTER GLASLEISTE
SENKKLAPPFENSTER HI-SSG
PARALLELAUSSTELLFENSTER HI-SSG
SENKKLAPPFENSTER MIT MOTORANTRIEB
PARAL. AUSSTELLFEN. MIT MOTORANTRIEB
SENKKLAPPFENSTER HL-SSG

52.E.001-005
52.E.006-007
52.E.008-009
52.E.010-013
52.E.014-015
52.E.016-017
52.E.017_01.001
52.E.017_01.002
52.E.017_01.003-017_01.004
52.E.017_01.005-017_01.006
52.E.017_01.007-017_01.008
52.E.018-023
52.E.024-027
52.E.028-031



PARALLELAUSSTELLFENSTER HL-SSG
DACHFENSTER
DACHFENSTER-SPINDEL
DACHFENSTER-MIT MOTORANTRIEB
DACHFENSTER-HI
DACHFENSTER-HI-SPINDEL
DACHFENSTER HI-MIT MOTORANTRIEB
SENKKLAPPFENSTER VL
PARALLELAUSSTELLFENSTER VL
GENEIGTE FASSADE
BASISSTRUKTUR VARIANTE
KLAPPFENSTER
SENKKLAPPFENSTER-SC-SSG
PARALLELAUSSTELLFENSTER-SC-SSG
BASISSTRUKTUR VARIANTE
FASSADE VARIANTE-SG " BRUESTUNGSVERGLASUNG "

52.E.032-035
52.E.036-039
52.E.040-041
52.E.042-043
52.E.044-047
52.E.048-049
52.E.050-051
52.E.051_01.001-051_01.004
52.E.051_01.005-051_01.008
52.E.052-055
52.E.056-057
52.E.058-059
52.E.060-061
52.E.062-065
52.E.066-069
52.E.069_01.001

Montagezeichnungen

STANDARD FASSADE BASIS " OEFNENDE TEILE "
MONTAGEMOEGlichkeiten
WERKZEUGE UND MASCHINEN UEBERSICHT
ENTWAESSERUNG UND ENTLUFTUNG
FASSADE BASIS
FASSADE BASIS " VULKANISIERTE DICHTUNGSECKEN "
FASSADE BASIS
FASSADE BASIS " GLASAUFLAGEPROFIL "
FASSADE BASIS "T-VERBINDER"
ENDDICHTUNG VERSTELLBAR
FASSADE BASIS " GLASAUFLAGEPROFIL 150KG "
FASSADE BASIS " GLASAUFLAGEPROFIL "
FASSADE BASIS " GLASAUFLAGEPROFIL 350KG GEB. FASS
FASSADE BASIS " PROFILE GEB. FASS. "
FASSADE BASIS " GLASAUFLAGEPROFIL INOX "
FASSADE BASIS " ECKPROFILE "
FASSADE BASIS " BRUESTUNGSVERGLASUNG "
FASSADE BASIS " VERGLASUNGSMOEGlichkeiten "
FASSADE BASIS-HI " VERGLASUNGSMOEGlichkeiten "
FASSADE BASIS " VERGLASUNGSMOEGlichkeiten "
AUSDEHNUNG
FASSADE BASIS " ENTWAESSERUNG "
FASSADE BASIS
FASSADE BASIS " ENTWAESSERUNG "
FASSADE BASIS " ERDUNG "
FASSADE BASIS " BEFESTIGUNGSSCHEMA "
FASSADE BASIS " DECKENANKER "
FASSADE BASIS " BODENANKER "
FASSADE BASIS " FREIE ZWISCHENVERANKERUNG "
FASSADE BASIS " FESTE ZWISCHENVERANKERUNG "
FASSADE BASIS " ABSTURZSICHERUNG ZWISCHEN DEN F
FASSADE BASIS " ABSTURZSICHERUNG AUF DEN PFOSTEI
FASSADE BASIS-HI
FASSADE VARIANTE-HL
FASSADE VARIANTE-HL " OEFFNENDE ELEM. "
FASSADE VARIANTE-HL
FASSADE VARIANTE-VL
FASSADE VARIANTE-VL " ENTWAESSERUNG "
FASSADE BASIS " PRESSECKVERBINDUNG RAHMEN 034.1
FASSADE BASIS " PRESSECKVERBINDUNG RAHMEN 034.C
FASSADE BASIS " SENKKLAPPFENSTER "
FASSADE BASIS " SENKKLAPPFENSTER HL "
FASSADE BASIS " PRESSECKV. RAHMEN 0070331.XX - 0070
FASSADE BASIS " PRESSECKVERB. FLUEGEL 034.0158.XX F
FASSADE BASIS " PRESSECKVERB. FLUEGEL 0070160 HI "
FASSADE BASIS " SENKKLAPPFENSTER HL "
FASSADE BASIS " SENKKLAPPFENSTER "
FLUEGEL
FASSADE BASIS " OEFNENDE TEILE "
FASSADE BASIS " FLUEGELENTWAESSERUNG "
FASSADE BASIS " OEFNENDE TEILE "
FASSADE BASIS " MONTAGE HEBEL 060.7129.XX "
FASSADE BASIS " SCHERE "
FASSADE BASIS " HANDBUCH SENKKLAP "
FASSADE BASIS " AUTOMATISCHER SENKKLAP "
FASSADE BASIS " SCHERE "
FASSADE BASIS " SCHERE SENKKLAP "
FASSADE BASIS " HANDBUCH SENKKLAP "
FASSADE BASIS " SCHERE "
FASSADE BASIS " OEFNENDE TEILE "
FASSADE BASIS " AUTOMATISCHER SENKKLAP "
FASSADE BASIS " BEGRENZUNGSSCHERE "
FASSADE BASIS " OEFNENDE TEILE "
FASSADE BASIS " HANDBUCH PAF "
FASSADE BASIS " OEFNENDE TEILE "
FASSADE BASIS " AUTOMATISCHER PAF "
SICHERUNG BLENDRAHMEN UND GLASLEISTE
FASSADE BASIS " AUTO. SENKKLAP BEARBEITUNG ANTRIEB
FASSADE BASIS " AUTO. SENKKLAP MONTAGE ANTRIEB "
FASSADE BASIS " AUTO. SENKKLAP BEARBEITUNG ANTRIEB
FASSADE BASIS " AUTO. SENKKLAP MONTAGE ANTRIEB "
FASSADE BASIS " AUTO. SENKKLAP BEARBEITUNG ANTRIEB
FASSADE BASIS " AUTO. SENKKLAP MONTAGE ANTRIEB "
FASSADE BASIS " AUTO. PAF BEARBEITUNG ANTRIEB "
FASSADE BASIS " AUTO. PAF MONTAGE ANTRIEB "
FASSADE BASIS " AUTO. PAF BEARBEITUNG ANTRIEB "
FASSADE BASIS " AUTO. PAF MONTAGE ANTRIEB "
GENEIGTE FASSADE
GENEIGTE FASSADE " MIT RINNENPROFIL "
GENEIGTE FASSADE
GENEIGTE FASSADE " PRESSECKVERB. RAHMEN "
GENEIGTE FASSADE " PRESSECKVERB. FLUEGEL "
GENEIGTE FASSADE " KLEBERINJEKTION NACH DEM PREI
DACHFENSTER-HEBEL
DACHFENSTER-SPINDEL
ENTWAESSERUNG UND ENTLUFTUNG
GENEIGTE FASSADE " EINBAU MOTOR "
GENEIGTE FASSADE " FRV MANUELLE "
GENEIGTE FASSADE " AUTOMATISCHE FRV "
DACHFENSTER
MAX. ABMESSUNGEN

52.F.001
52.F.002-003
52.F.004-005
52.F.006-007
52.F.008-009
52.F.010-011
52.F.012-013
52.F.014-015
52.F.016-023
52.F.024-025
52.F.026-029
52.F.030-031
52.F.032-033
52.F.034-035
52.F.036-037
52.F.038-039
52.F.040-043
52.F.044-047
52.F.048-049
52.F.050-051
52.F.052-053
52.F.054-055
52.F.056-057
52.F.058-059
52.F.060
52.F.061
52.F.062
52.F.063
52.F.064
52.F.065
52.F.066
52.F.067-069
52.F.070-071
52.F.072-075
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52.F.238	01/2011	D0056807	52.G.054	01/2011	D0081386
52.F.240	01/2011	D0083097	52.G.055	01/2011	D0081387
52.F.242	01/2011	D0083130	52.G.056	04/2016	D0081392
52.F.244	04/2016	D0081717	52.G.057	01/2011	D0056448
52.F.246	04/2016	D0082329	52.G.058	01/2011	D0056450
52.F.248	01/2011	D0083101	52.G.059	01/2011	D0056455
52.F.250	01/2011	D0056812	52.G.060	01/2011	D0056458
52.F.252	04/2016	D0056820	52.G.061	01/2011	D0056472
52.F.254	04/2016	D0056821	52.G.062	01/2011	D0056999
52.F.256	04/2016	D0083119	52.G.063	09/12/2020	D0068363
52.F.258	01/2011	D0077721	52.G.064	04/2016	D0068364
52.F.260	01/2011	D0072189	52.G.065	04/2016	D0068365
52.F.262	01/2011	D0056823	52.G.066	04/2016	D0068366
52.F.264	04/2016	D0077723	52.G.067	09/12/2020	D0068367
52.F.266	04/2016	D0056826	52.G.068	04/2016	D0068368
52.F.268	04/2016	D0056828	52.G.069	09/12/2020	D0068369
52.F.269_01.001			52.G.070	04/2016	D0068370
52.G.001	01/2011	D0083780	52.G.071	04/2016	D0068371
52.G.002	01/2011	D0083782	52.G.072	09/12/2020	D0068372
52.G.003	01/2011	D0083783	52.G.073	04/2016	D0068373
52.G.004	01/2011	D0083784	52.G.074	04/2016	D0068374
52.G.005	01/2011	D0083785	52.G.075	09/12/2020	D0068376
52.G.006	01/2011	D0083786	52.G.076	09/12/2020	D0068377
52.G.007	01/2011	D0083787	52.G.077	04/2016	D0075642
52.G.008	01/2011	D0083788	52.G.078	01/2011	D0056533
52.G.009	01/2011	D0083789	52.G.079	01/2011	D0081394
52.G.010	04/2016	D0083790	52.G.080	01/2011	D0056535
52.G.011	01/2011	D0056440	52.G.081	01/2011	D0056536
52.G.012	01/2011	D0056433	52.G.082	01/2011	D0056590
52.G.013	01/2011	D0056437	52.G.083	01/2011	D0056591
52.G.014	01/2011	D0083157	52.G.084	01/2011	D0072221
52.G.015	01/2011	D0056786	52.G.085	01/2011	D0081421

					
52.G.086	01/2011	D0056604			
52.G.087	01/2011	D0056605			
52.G.088	01/2011	D0056607			
52.G.089	01/2011	D0083321			
52.G.090	01/2011	D0081393			
52.G.090_01.001		D3000710			
52.G.091	01/2011	D0056612			
52.G.092	01/2011	D0083328			
52.G.093	01/2011	D0056652			
52.G.094	01/2011	D0081388			
52.G.095	01/2011	D0081389			
52.G.095_01.001					
52.G.095_01.002	04/2016	D0091640			
52.G.096	04/2016	D0081390			
52.G.096_01.001	04/2016	D0090733			
52.G.096_01.002	04/2016	D0090734			
52.G.097	01/2011	D0081391			
52.G.098	04/2016	D0083336			
52.G.099	04/2016	D0083337			
52.G.100	01/2011	D0056629			
52.G.101	01/2011	D0056651			
52.G.102	01/2011	D0056654			
52.G.103	01/2011	D0056657			
52.G.104	01/2011	D0056658			
52.G.105	01/2011	D0056659			
52.G.106	01/2011	D0081395			
52.G.107	01/2011	D0056656			
52.G.108	01/2011	D0056624			
52.G.109	01/2011	D0056623			
52.G.110	04/2016	D0056622			
52.G.111	01/2011	D0056618			
52.G.112	15/04/2021	D0056617			
52.G.113	01/2011	D0083354			
52.G.114	01/2011	D0083370			
52.G.115	01/2011	D0083377			
52.G.116	04/2016	D0083378			
52.G.117	01/2011	D0083385			
52.G.118	01/2011	D0083388			
52.G.119	01/2011	D0083394			
52.G.120	01/2011	D0083397			
52.G.121	01/2011	D0083409			
52.G.122	01/2011	D0083412			
52.G.123	01/2011	D0083418			
52.G.124	01/2011	D0083420			
52.G.125	01/2011	D0083424			
52.G.126	01/2011	D0083426			
52.G.127	01/2011	D0083429			
52.G.128	01/2011	D0083434			
52.G.129	01/2011	D0083435			
52.G.130	01/2011	D0083438			
52.001	01/2011				
52.004	01/2011				
52.007	01/2011				
52.010	01/2011				

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	Profiel Profilé Profil Profil		Verstek Onglet Mitre Gehrung		Gereedschap Outillage Tool Werkzeug
	Anodisatie- of lakoppervlakte Surface anodisée ou laquée Anodizing or coating surface Eloxierte oder lackierte Oberfläche		Aantal Nombre Number Anzahl		Gereedschappen en machines voor ontwatering van kader Outillage et machinerie pour dormant
	Polijstoppervlakte Surface à polir Polishing surface Polieroberfläche		Zie pagina Voir page See page Siehe Seite		Tools and machinery for draining outer frame Werkzeuge und Maschinen für Entwässerung Blendrahmen
	Lengte Longueur Length Länge		Type toebehoren Type accessoires Type accessories Typ Zubehör		Gereedschappen en machines voor ontwatering van vleugel Outillage et machinerie pour drainage ouvrant
	Afmetingen Dimensions Dimensions Abmessungen		Glasmaten Dimensions des vitres Glass sizes Glasmaße		Tools and machinery for draining vent Werkzeuge und Maschinen für Entwässerung Flügel
	Toepassing Application Application Anwendung		Toepassing Application Utilization Anwendung		Gereedschappen en machines voor T-verbinding Outillage et machinerie pour jonction-T
	Bevestigingsmiddelen Moyens de fixation Fixations Befestigungsmittel		Asymmetrisch profiel Profilé asymétrique Asymmetrical profile Asymmetrisches Profil		Tools and machinery for T-brackets Werkzeuge und Maschinen für T-Verbinder
	Schroeven niet meegeleverd Fourniture sans vis Delivered without screws Lieferung ohne Schrauben				Gereedschappen en machines voor kruikuitsparing Outillage et machinerie pour fermeture
	Montagevolgorde Ordre de montage The order of assembly Montagereihenfolge				Tools and machinery for closure Werkzeuge und Maschinen für Beschläge
	Dichtingsmiddel Matière d'étanchéité Sealing agent Abdichtungsmittel				Multifunctionele matrijs Matrice multifonctionnelle Multifunctional punch tool Mehrzweckstanzwerkzeug
	Verlijmen Coller Glue Verkleben				Geleide matrijs Matrice guidée Punch tool Stanzwerkzeug
	Vulcaniseerlijm Colle vulcanisante Vulcanizing glue Vulkanisierkleber				Handmatig gereedschap Outillage manuel Manual tools Handwerkzeuge
	Referentiemaat Dimension de référence Reference dimension Referenzmaß				
	Merkteken Marquage Mark Merkzeichen				
	Struktureel gelijmd glaswerk Vitrage extérieur collé Structural sealing glazing UV-beständiger Scheibenrandverbund				Pagina Page Page Seite
	Primaire zichtzijde van een profiel Côté visible primaire d'un profilé Primary visible side of a profile Primäre sichtbare Seite eines Profils				Laatste editie Dernière édition Last edition Letzte Edition
	Secundaire zichtzijde van een profiel Côté visible secondaire d'un profilé Secondary visible side of a profile Sekund. sichtbare Seite eines Profils				
	Kleur buitenschaaal (e) eerst aangeven in geval van bicolor (.69) En cas de bicolore (.69) il faut indiquer d'abord la couleur du profilé extérieur (e) For bicolor profiles (.69) first of all one should indicate the colour of the outer profile (e) Falls zweifarbig (.69) soll man erst die Farbe des Außenprofils (e) angeben				Vorige blz Page précédente Previous page Vorige Seite



A

	Pershoekverbinding Equerre à sertir Crimp corner cleat Presseckverbinder		Akoestische dichting Joint acoustique Acoustical seal gasket Flügelauflagsdichtung		Draairaam Fenêtre ouvrante Side-hung window Drehfenster
	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		Middendichtingen Joints centraux Central gaskets Mitteldichtungen		Valraam Fenêtre à soufflet Bottom hung window Kipp-Fenster
	Verstelbare schroefhoek Equerre à visser réglable Adjustable screw corner cleat Verstellbarer Schraubeckwinkel		Dilatatedichtingen Joints de dilatation Expansion gaskets Dehnungsdichtungen		Uitzetakraam Châssis à l'italienne Top-hung window Senk-Klappfenster
	Hoekverbinding met nagel Equerre avec cheville Corner cleat with drive pin Eckverbinder mit Stift		Dichting Joint Gasket Dichtung		Glassteunen Supports cale de vitrage Glazing supports Klotzbrücken
	Steunhoek Cale de feuillure Rebate support Glasanschlagwinkel		Dichting veranda Joint veranda Gasket veranda Dichtung Wintergarten		Eindstukken stolp profielen Bouchons double ouvrant End parts double casement profile Endkappe Stulpprofil
	T-verbinding met schroef Jonction-T avec vis T-bracket with screw T-Verbinder mit Schraube		Einddichting Joint d'assemblage End gasket Enddichtung		Koppelstuk Pièce de raccordement Connection piece Kupplungsstueck
	Vulhoek Equerre de remplissage Corner support Fülleckwinkel		Raampompen Crémones Window handles Handhebel		Diversen Divers Miscellaneous Diverse
	Binnenbeglazingsdichting Joint à bourrer Inner glazing gasket Innenverglasungsdichtung		Raamscharnieren Paumelles pour fenêtres Window hinges Fensterbänder		Verankeringen Ancrages Fixing lugs Verankerungen
	Buitenbeglazingsdichting Joint de vitrage extérieur Outer glazing gasket Außenverglasungsdichtung		Draaikip Oscillo-battant Turn and tilt Drehkipp		Goot Gouttière Gutter Rinne
			Kipdraai Battantes-ouvrantes Tilt and turn Kippdreh		Dakvenster Tabatière Attic window Dachfenster

B



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General Information System

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VERWERKINGSVOORSCHRIFTEN

I. ALGEMEEN

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

II. VERWERKINGSVOORSCHRIFTEN CW 60

II.1 CONSTRUCTIEVOORSCHRIFTEN

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

II.1.1 Verspanende bewerkingen

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

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

Positie/klemming van de profielen tijdens het zagen:

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

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

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

De klemblokken moeten gebruikt worden:

- 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.

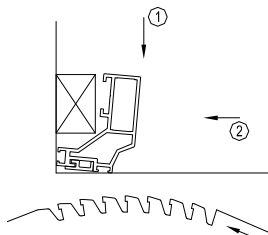
Referentiezijde -> <- Referentiezijde

FOUTIEVE KLEMMING

FOUT: De hoofdklemming drukt op de zichtkant van het te verzagen profiel en het profiel kantelt.

GEVOLG: Scheve zaagsnede - de buitenzijde is korter dan de binnenzijde.

RESULTAAT: Bij het persen van de hoeken is het verstek aan de binnenzijde keurig dicht en gaapt aan de buitenzijde.



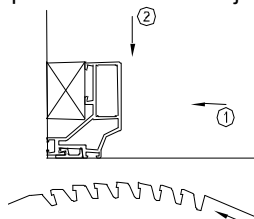
JUISTE KLEMMING

De hoofdklemming drukt op de sponningzijde. De zichtkant ondergaat een kleinere, secundaire druk.

Het profiel heeft niet de neiging te kantelen of te vervormen tijdens het zagen, en het persen van de in verstek gezaagde profielen kan probleemloos verlopen.

Opmerking:

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



II.1.2 Assemblage

Algemene toepassing:

De assemblage van de draag- en dwarsprofielen gebeurt door het gedeeltelijk hoger plaatsen van de dwarsprofielen op de draagprofielen. Deze methode laat de drainage van de dwarsprofielen in de draagprofielen toe, zonder dat de verticale drainagekamer onderbroken wordt. In de dichtingskanalen wordt een EPDM-einddichting aangebracht dat het draag- en dwarsprofiel afdicht zonder gebruik te maken van siliconen. De ingewerkte dwarsprofielen worden met roestvrij stalen schroeven bevestigd. Het niveauverschil van de dichtingskanalen, dat ontstaat door het hoger plaatsen van de dwarsprofielen, wordt opgevangen door het gebruik van verschillende beglazingsdichtingen in de draag- en dwarsprofielen. Ondanks hun dikteverschil is het binnenzicht in de dichtingslengte gelijk.

Dit wordt gerealiseerd door de L-vorm van de dichting van het dwarsprofiel.

Wij maken de volgende onderverdeling in bewerkingen tijdens assemblage :

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

1.2.1 Hoekverbindingen van de kaders en vleugels (vulelementen)

Stappen:

- a. Correct zagen, ponsen of boren.
 - b. Beschermen van de zaagsneden door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (REYNAFINISH 60 art.nr. 086.9210.--);
 - aanbrengen van anticorrosieproduct (REYNAPROTECTOR art.nr. 086.9206.SY + 095.P200.--); droogtijd: ca. 1 uur.
 - c. Afdichten: op de zaagsneden een neutraal, elastisch dichtingsmiddel aanbrengen.
 - d. Verlijmen: aanbrengen van een goedgekeurde dichtingslijm (REYNASEAL DUO art.nr. 084.9080.--):
 - in de profielkamer;
 - op de plaats waar de steunhoek komt.
 - e. Verbinding tot stand brengen: de hoekstukken kunnen ingebracht worden en vervolgens wordt de mechanische hoekverbinding tot stand gebracht, hetzij door persen, hetzij door schroeven/vernagelen.
 - f. De samengevoegde elementen dienen enkel aan de zichtvlakken gereinigd te worden van lijmresten en dit uitsluitend met een niet-agressief middel (REYNAFINISH 60 art.nr. 086.9210.--).
- Opmerking: Bij verlijming door injectie worden de elementen eerst samengevoegd en gebeurt de verlijming /afdichting in een volgende stap.

1.2.2 T-verbinding van de draagstructuur

Stappen:

- a. Correct zagen, ponsen of boren:
 - b. Beschermen van de zaagsneden door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (REYNAFINISH 60 art.nr. 086.9210.--);
 - aanbrengen van anticorrosieproduct (REYNAPROTECTOR art.nr. 086.9206.SY + 095.P200.--); droogtijd: ca. 1 uur.
 - c. Afdichten: door middel van een einddichting.
- bij een temperatuurverschil van 20° op een alu. profiel van 1m krijgen we een lengteverschil van +/- 0.5mm.

Bijgevolg kan men zeggen dat er voor een dwarsprofiel kleiner dan 1m het niet noodzakelijk is om een einddichting (uitponsing 15mm in plaats van 18mm) te plaatsen, maar dat het wel noodzakelijk is de einddichtingen te plaatsen wanneer de dwarsprofielen langer zijn dan 1m, dit om spanningen op de profielen te vermijden. Bij het werken zonder einddichting raden we aan de uitsparing te vervaardigen met uithoekzaagmachine (ref. 095.B000.00) zodanig de afwerkingsgraad te verhogen.

- d. Verbinding tot stand brengen, T-verbinder monteren en vastschroeven.
- e. De samengevoegde elementen dienen enkel aan de zichtvlakken gereinigd te worden van lijmresten en dit uitsluitend met een niet-agressief middel (REYNAFINISH 60 art.nr. 086.9210.--).

1.2.3 Langsverbindingen (zie tekening bladzijden 51.f....)

Stappen:

- a. Correct zagen en boren. (min. lengte = 1000mm)
- b. Beschermen van de zaagsnede door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (REYNAFINISH 60 art.nr. 086.9210.--);
 - aanbrengen van anticorrosieproduct (REYNAPROTECTOR art.nr. 086.9206.SY + 095.P200.--); droogtijd: ca. 1 uur.
- c. Anti-kraakrubber (art.nr. 080.9503.04 EN 080.9903.04) aanbrengen in het koppelprofiel.

- d. Verbinding tot stand brengen: op het koppelprofiel dient een polypropyleen folie aangebracht te worden, vervolgens worden de profielen samengebracht en wordt een elastisch dichtingsmiddel aangebracht. (f.i.: 084.9063.XX)
- e. ontwatering langsverbindingen, zie 52.F...
- f. De samengevoegde elementen dienen enkel aan de zichtvlakken gereinigd te worden van lijmresten en dit uitsluitend met een niet-agressief middel (REYNAFINISH 60 art.nr. 086.9210.--).

1.2.4 Ontwatering,ontluchting en uitsparingen voor het beslag

Stappen:

- a. Aftekenen uitsparingen
- b. Correct ponsen, boren of frezen.
- c. Beschermen van de bewerkte vlakken door:
- ontbramen (indien noodzakelijk);
 - verwijderen van stof en spanen;
 - ontvetten (REYNAFINISH 60 art.nr. 086.9210.--);
 - aanbrengen van anticorrosieproduct (REYNAPROTECTOR art.nr. 086.9206.SY + 095.P200.--); droogtijd: ca. 1 uur.

Aandachtspunten bij de ontwatering / ontluchting : (zie 52.F...)

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

Bij elk raam worden er ontwateringsopeningen voorzien met een maximale afstand tot de hoek van 250 mm:

2 openingen tot raambreedte van 1000 mm

3 openingen tot raambreedte van 1500 mm enz... opgaand per 500 mm.

Ontwateringsopeningen in dwarsprofiel: (zie 51.F...)

- Tot 1200mm tussenafstand van de dragers, ontwatering via draagprofielen
 - 1 centrale opening wanneer tussenafstand van dragers kleiner is dan 1500mm
- Boven 1500mm tussenafstand van de dragers is de maximale tussen afstand van de ontwateringsopeningen 500mm met een maximale afstand van 500mm tot de hoek.
- Bij gebruik van (Butyl) tape in de horizontale sectie, worden ontwateringsgaten voorzien:
- 2 openingen op uiteinde van het klemprofiel
- De minimale oppervlakte van deze openingen bedraagt 50 mm² per opening, hetzij een ronde opening van minimum 8 mm diameter, hetzij langwerpige openingen van minimaal 5 mm bij 15 mm.
 - Aan de zijkant bovenaan van de vleugel worden steeds minstens 2 openingen van minimum 5 mm geboord.
- De functie hiervan is de drukegalisatie rond de beglazing te waarborgen.
- Steeds op het laagste punt van de glassponning afwateren.

1.2.5 Dichtingen

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

Het aanbrengen van de beglazingsdichtingen

Stappen:

1. Correct versnijden: het versnijden van de beglazingsdichting dient met een speciale schaar (art.nr. 090.0121.UN) te gebeuren en de dichting kan naargelang de soort profielverbinding in verstek of recht versneden worden. Benodigde overlengte (ca 10 mm per meter) dient voorzien te worden.
2. Aanbrengen dichting: de dichtingen worden aangebracht in de daarvoor voorziene groeven van de profielen; de overlengte wordt lichtjes opgestuikt om uitzetten of krimpen op te vangen. Moeilijkheden bij het inbrengen kunnen opgevangen worden met siliconenspray (art.nr. 086.9551.--).
3. Verlijmen (afdichten): in de hoeken dient de beglazingsdichting verlijmd te worden met vulkaniseerlijm (Unionzement art.nr. 084.9108.04). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan

II.2 MONTAGEVOORSCHRIFTEN

Voortvloeiend uit de aard van het systeem, met name de plaatsing van glaspanelen op een draagstructuur, is de positionering van de draagstructuur zelf en de plaatsing van de elementen hierop uiterst belangrijk met oog op een correcte bevestiging en het bekomen van een gevelstructuur met goede wind- en waterdichtheid. De toleranties moeten dan ook tot het strikte minimum beperkt worden (maximale afwijking grootte-orde 1 à 2 mm t.o.v. de nominale asmaat). De gevelstructuur mag noch een statische, noch een dynamische spanning op de beglazing uitoefenen. De maximum doorbuiging onder invloed van de wind mag niet meer dan 1/200ste bedragen, met een maximum van 15mm. De maximum doorbuiging van de dwarsprofiel onder invloed van het eigen gewicht van de vulling bedraagt 2mm.

Hellende en geknikte gevel

Bij hellende en geknikte gevels wordt steeds een alu. butylband op het glas gekleefd

(art. nr. 080.9710.04; 080.9711.04 of 080.9712.04). Verwerking van de aluminium butylband moet gebeuren bij temperatuur tussen +5°C en +40°C. Het oppervlak moet droog en proper zijn.

Voor een hellende gevel is men verplicht een veiligheidsglas te nemen (zie voorschriften van de glasleverancier). Minimum dakhelling moet 5° zijn, zonder bewegende onderdelen. Voor een hellende gevel is men verplicht een veiligheidsglas te nemen (zie voorschriften van de glasleverancier). Minimum dakhelling moet 5° zijn, zonder bewegende onderdelen.

II.2.1. Inbouw in de ruwbouw

Het gevelelement wordt door middel van verankeringen aan de dragende ruwbouw verbonden. Het aantal, de plaats en de wijze van verankering moet zodanig zijn dat de krachten die op het gevelelement worden uitgeoefend, goed op de omringende bouwkundige constructies kunnen worden overgedragen. Deze krachten kunnen onder andere zijn: windbelasting, eigen gewicht, gebruiksbelasting, zonwering, radiatoren, glazenwassersinstallaties, enz...

De verankering mag geenszins het draagvermogen van de aangrenzende bouwonderdelen beïnvloeden. De plaats en uitvoering van de ankers of andere bevestigingsmiddelen dienen zodanig te zijn dat het element niet door de bouwkundige constructie kan worden belast en dat het element niet wordt gedeformeerd.

Lengteveranderingen, veroorzaakt door temperatuurwisselingen, moeten ongehinderd kunnen plaatsvinden.

Ook de toegelaten toleranties van de ruwbouw moeten kunnen worden opgenomen door de gevelconstructie en de verankeringen zonder dat waterlekage ontstaat of te veel luchtinfiltratie optreedt. De verankeringsconstructie zal hiertoe voldoende instelmogelijkheden moeten bezitten om het inpassen tijdens de montage mogelijk te maken.

Verankeringen mogen verder het goed functioneren van de beweegbare delen en het hang- en sluitwerk niet belemmeren. Bewegingen tussen ruwbouw en gevelelementen mogen niet tot gevolg hebben dat er hinderlijke geluiden door verankeringen worden veroorzaakt.

Soms kunnen verankeringen koudebruggen vormen. Het zal dan noodzakelijk zijn om de warmtestroom zo veel mogelijk te beperken. Hierbij dient men zich ervan te verzekeren dat de mechanische sterkte nog voldoende is.

Alle verankeringen, voor zover niet uit aluminium of roestvrij staal, dienen afdoende tegen corrosie te zijn beschermd en mogen zelf ook geen aantasting van het aluminium veroorzaken. Om de verbinding tussen de ruwbouw en de dichting 080.9800.04 te verwezelijken gebruiken we afdichtingspasta 084.9104.04 (deze is niet geschikt op zachte pvc)

II.2.2. Transport

Om gemonteerde elementen te verplaatsen of te transporteren naar de werf moeten de elementen verstevigd worden om beschadigingen te voorkomen.

II.2.3. Inbouw van beslag

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

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

II.2.4. Inbouw van MOTOREN

De keuze van de motoren voor THW en POW met betrekking tot de vleugelafmetingen staat weergegeven in hoofdstuk E en F. Dit volgens de richtlijnen van D+H mechatronic.

De technische info ivm de verbinding tussen de verschillende motoren en de aansluiting op een elektrische kring moet verkregen worden via D+H mechatronic.

II.3 BEGLAZING

Het CW60-systeem is ontworpen voor beglazing met EPDM-rubbers.

Het toegepaste beglazingssysteem is het zogenaamde drukvereffende beglazingssysteem.

Bij dit systeem wordt een zekere mate van watertoetreding in de constructie toegestaan. Het eventueel naar binnengedrongen water dient op een gecontroleerde wijze naar buiten te worden afgevoerd via de verticale draagprofielen of via de waterafvoergaten in de kappen en klemprofielen van de horizontale profielen.

De volgende aspecten zijn zeer belangrijk bij dit beglazingssysteem:

- De binnendichting dient zo goed mogelijk luchtdicht te zijn.
- De buitendichting dient zodanig te worden uitgevoerd dat watertoetreding in de sponning zoveel mogelijk voorkomen wordt. Hiervoor dienen we de rubbers op te stuiken zodat vermeden wordt dat er daarna openingen ontstaan in de hoeken.
- Voor het plaatsen van het glas dient rekening te worden gehouden met een speling van minimum 10 mm op het aluminium raam (5 mm per zijde).
- De glasinklemming in de gevel is minimum 13mm, afhankelijk van de toepassing. Zie hiervoor naar de aanduiding in de glastabellen.

Bevestiging van de beglazing

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

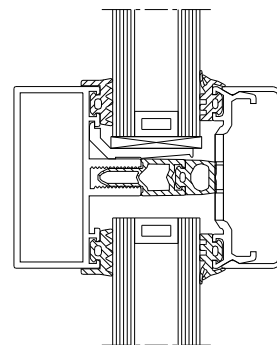
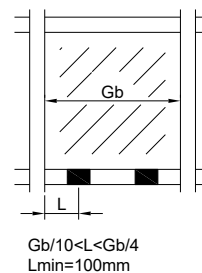
Bij isolatieglas dienen beide glasbladen gelijkmatig ondersteund te worden.

De steunblokjes, die door een aluminium glassteunprofiel worden gedragen, zijn bedoeld om het gewicht van het glas over te brengen op de profielen en dienen bij voorkeur op een afstand van 0,25 tot 0,1 maal de lengte van de glasbreedte (minimaal 100 mm) uit het hoekpunt van het glas te worden geplaatst. Hierbij wordt uitgegaan van het midden van deze blokjes.

Glasklem 073.8203.04 wordt enkel gebruikt als tijdelijk bevestiging van het glas, de klemprofielen kunnen dan op een juiste manier aangebracht worden. De klemprofielen zijn ontworpen om de wind- en gewichtsbelasting op te nemen.

Om de doorbuiging van het dragende profiel onder invloed van het glasgewicht te beperken is het aan te raden de glassteunen zo ver mogelijk naar de glashoeken te plaatsen, rekening houdend met de hierboven vernoemde beperkingen.

Door het aanbrengen van een PVC-ontwateringsprofiel in combinatie met een afdichtingsrubber beletten we dat het binnengedrongen water op de randen van het onderliggende glaspaneel terecht komt.



Door het aanbrengen van ontwateringsgaten in het klemprofiel, juist boven de afdichtingsrubber, evacueren we het binnengedrongen water.

Na het plaatsen van het glas op de draagstructuur worden de klemprofielen aangebracht. De klemprofielen worden door middel van SPECIALE schroeven om de 300mm vastgeschroefd in een daarvoor voorzien kanaal op de draagstructuur. Om een voldoende afdichting van het systeem te bekomen, dienen deze schroeven met een aandraaimoment van 400 Ncm te worden vastgezet.

Voor de montage van glas is het van noodzakelijk belang dat de gebruiks en compatibiliteitsvoorschriften van de glasleverancier geverifieerd worden. Op die manier kunnen de eigenschappen van de verschillende glassoorten gegarandeerd worden.

II.4 TECHNISCHE INLICHTINGEN

Het is noodzakelijk om elke constructie te berekenen op sterkte en stijfheid. In deel B van deze catalogus staan enkele tabellen en grafieken ter informatie.

Elke alu. gevel waarvan de bouwhoogte hoger is dan 25m van de begane grond heeft een aarding nodig. Wanneer de profielen onderbroken worden door een uitzetvoeg moeten deze met elkaar verbonden worden. (zie catalogus deel F hoofdstuk dilatatie)

II.5 VERWERKING VAN CW 50-STRUCTURAL CLAMPED (CW 50-SC)

II.5.1. DICHTINGEN

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

Het aanbrengen van de beglazingsdichtingen

Stappen:

1. Correct versnijden: het versnijden van de beglazingsdichting dient met een speciale schaar (art.nr. 090.0121.UN) te gebeuren en de dichting kan naargelang de soort profielverbinding in verstek of recht versneden worden. Benodigde overlengte (ca 10 mm per meter) dient voorzien te worden.
2. Aanbrengen dichting: de dichtingen worden aangebracht in de daarvoor voorziene groeven van de profielen; de overlengte wordt lichtjes opgestuikt om uitzetten of krimpen op te vangen. Moeilijkheden bij het inbrengen kunnen opgevangen worden met siliconenspray (art.nr. 086.9551.--).
3. Verlijmen (afdichten): in de hoeken dient de beglazingsdichting verlijmd te worden met vulkaniseerlijm (Unionzement art.nr. 084.9108.04). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan. Hoekstukken worden eveneens aan de uiteinden verlijmd met vulkaniseerlijm.

II.5.2. MONTAGE VOORSCHRIFTEN

Voortvloeiend uit de aard van het systeem, met name de plaatsing van glaspanelen op een draagstructuur is de positionering van de draagstructuur zelf en de plaatsing van de elementen hierop uiterst belangrijk met het oog op een correcte bevestiging en het bekomen van een gevelstructuur met goede wind- en waterdichtheidseigenschappen. De toleranties moeten dan ook tot het strikte minimum beperkt worden (maximale afwijking grootte-orde 1 à 2 mm t.o.v. de nominale asmaat).

De gevelstructuur mag noch een statische, noch een dynamische spanning op de beglazing uitoefenen. De maximum doorbuiging onder invloed van de wind mag niet meer dan 1/200ste bedragen, met een maximum van 15mm.

De maximum doorbuiging van de dwarsprofiel onder invloed van het eigen gewicht van de vulling bedraagt 2mm.

5.2.1 Inbouw in de ruwbouw

Het gevelelement wordt door middel van verankeringen aan de dragende ruwbouw verbonden. Het aantal, de plaats en de wijze van verankering moeten zodanig zijn dat de krachten die op het gevelelement worden uitgeoefend, goed op de omringende bouwkundige constructies kunnen worden overgedragen. Deze krachten kunnen onder andere zijn: windbelasting, eigengewicht, gebruiksbelasting, zonwering, radiatoren, glazenwassersinstallaties, enz...

De verankering mag geenszins het draagvermogen van de aangrenzende bouwonderdelen beïnvloeden. De plaats en uitvoering van de ankers of andere bevestigingsmiddelen dienen zodanig te zijn dat het element niet door de bouwkundige constructie kan worden belast en dat het element niet wordt gedeformeerd. Lengteveranderingen, veroorzaakt door temperatuurwisselingen, moeten ongehinderd kunnen plaatsvinden. Ook de toegelaten toleranties van de ruwbouw moeten kunnen worden opgenomen door de gevelconstructie en de verankeringen zonder dat waterlekage ontstaat of te veel luchtinfiltratie optreedt. De verankeringsconstructie zal hiertoe voldoende instelmogelijkheden moeten bezitten om het inpassen tijdens de montage mogelijk te maken. Verankeringen mogen verder het goed functioneren van de beweegbare delen en het hang- en sluitwerk niet belemmeren. Bewegingen tussen ruwbouw en gevelelementen mogen niet tot gevolg hebben dat er hinderlijke geluiden door verankeringen worden veroorzaakt.

Soms kunnen verankeringen koudebruggen vormen. Het zal dan noodzakelijk zijn om de warmtestroom zo veel mogelijk te beperken. Hierbij dient men zich ervan te verzekeren dat de mechanische sterkte nog voldoende is.

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

Per verdiep of elke 4m wordt een uitzetvoeg voorzien. De uitzetting in de hoogte mag maximum 4mm bedragen.

5.2.2 Inbouw van de opengaande vleugels (vulelementen) en borstweringselementen

Voor de plaatsing van de vleugels op de draagstructuur verwijzen wij naar de catalogus blz 51.E...

5.2.3 Inbouw van het beslag

Keuze van bevestigingspunten, aantal sluitpunten, aantal scharnieren, max. vleugelgewicht, max. vleugelaftmetingen, toegepast vleugelgewicht, e.a. dient te gebeuren volgens de richtlijnen van de systeem-leverancier en de beslagfabrikant. Glijdende en bewegende delen zijn van neutraal vet te voorzien. Bij montage controleren of het beslag soepel en zonder hapering te bedienen is. Voor specifieke inbouwdetails verwijzen wij naar de catalogus blz.F...

II.5.3. BEGLAZING

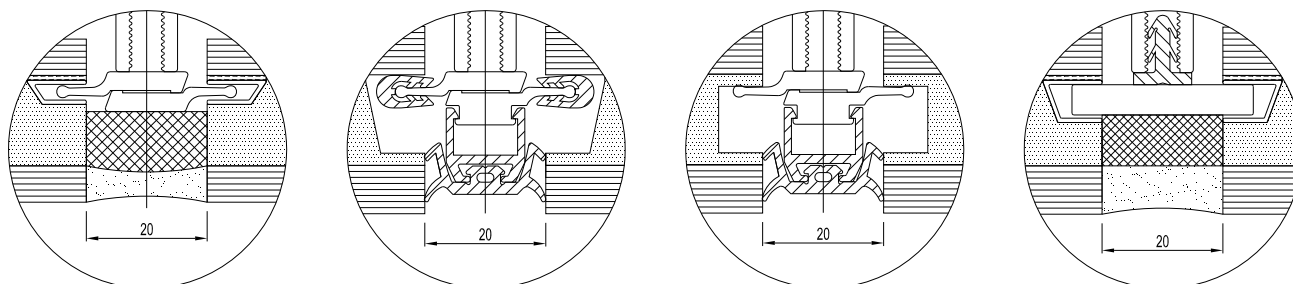
5.3.1 Algemeen

Het CW 60 gevelsysteem dient als basis voor het glasgevelsysteem CW 60-SC. Het CW 60-SC systeem is een plaatsingsmethode om volledig gladde daken en gordijngelvels te bekomen. Een reeks klemprofielen, die vastgeschroefd worden in de schroefkanalen van de draagstructuur, drukken de ruit tegen de op het aluminium raamwerk bevestigde EPDM-rubbers. Dit is mogelijk dankzij de uitsparing voorzien in de assemblagevoeg van de dubbele beglazing.

(patent dubbele beglazing met U-profiel Glaverbel. Indien door andere firma's geleverd, is de goedkeuring van de Technisch Directeur van Reynaers Aluminium nodig.)

De uitsparing kan worden uitgevoerd in 3 verschillende types namelijk: met U-profieltje voorzien tijdens fabricage ofwel vrije binnenglaspaat zodanig klemming kan gebeuren gecombineerd met EPDM dichting gemonteerd op het klemprofiel ofwel silicone wand op binnenglasplaat zodanig klemming kan gebeuren direct op siliconewand.

Door de spleten tussen de glaspanelen met siliconen te vullen is het mogelijk een dak te maken met een helling van 7° (ETAG 002).



a) Ondersteuning van het eigengewicht :

Het eigengewicht van de twee glasbladen dient te worden opgevangen door steunblokje van gepolymeriseerde siliconen (minimum shore A75 op 20°C). Per beglazing dienen twee steunblokje op minimaal 50 mm van de hoeken geplaatst te worden. De lengte van de steunblokje (in mm) wordt als volgt berekend :

$$L = \frac{S \times 250}{R}$$

L = lengte van het steunblokje (mm)

S = oppervlakte van de beglazing (m²)

R = toegestane druk op het steunblokje (N/cm²)

(gepolymeriseerde siliconen shore A80 : R = 9 N/cm²).

Als het een dak betreft moet L vermenigvuldigd worden met de sinus a (a = de hellingshoek van het dak ten opzicht van het horizontaal vlak). Het buitenblad moet minstens voor de helft van zijn dikte ondersteund worden. In geval van gelaagde beglazing moet minstens de helft van de meest buiten gelegen glasplaat ondersteund zijn. De PVB-lagen zijn immers niet ontwikkeld om een continue afschuifbelasting op te vangen. De geïsoleerde beglazingen worden door middel van siliconen samengevoegd en maakt deel uit van een technische goedkeuring.

Terminologie:

d1 = dikte buitenruit

de = breedte van de afstandhouder min. 15 mm

d2 = dikte binnenruit: min. 6 mm

l = hoogte van het U-profiel: 10 mm

r = hoogte van de structurele voeg

e = hoogte van de afstandhouder

h = l + r + e

d1 + de + d2 : max. 40 mm

Opmerking: de randen van de buitenruit zijn geslepen. De randen van de binnenruit zijn normaal afgescherpt tenzij anders besteld.

b) Fabricagemogelijkheden:

De toleranties op de glasmaten bedraagt +/- 2 mm.

Voor de uitvoering van de buitenste glasplaat komt zowel float glas, durci, gehard als gelaagd glas in aanmerking.

De uitvoering van de binnenste glasplaat mag nooit volledig uitgehard zijn. Voor glas met verhoogde breukweerstand komt in dit geval voor de binnenste glasplaat uitsluitend halfgehard (durci) in aanmerking, met uitzondering van de panelen welke niet toegankelijk zijn via de binnenzijde van het gebouw, de "borstwering" waar geen risico bestaat op impact.

Voor het binnenblad is eveneens gelaagd glas toegelaten.

Het dichtspuiten van de voegen tussen de ruiten gebeurt met elastische siliconen (Dow Corning: DC 791 of sika: WS 605 of Tremco: Proglaze LMA), tegen kunststofprofiel 034.0184.04 of na het aanbrengen van een opvulling bestaande uit een Polyethylene schuimband met gesloten cellen. Deze voeg verzekert een perfecte lucht- en waterdichtheid.

Om bij opengaande delen een uniform kleuraspect te bekomen aan de glasrand, dient men de achterkant van de glasoversteek te bekleden met siliconen.

c) Verenigbaarheid met omringende materialen:

De compatibiliteit van alle produkten onderling is noodzakelijk. Deze moet gecontroleerd worden door de installateur van de beglazing. Voor iedere opdracht dient hij contact op te nemen met de glasfabrikant om te weten welke kitsoort voor de spouwvulling van het dubbel glas gebruikt werd.

Verder dienen de richtlijnen en aanbevelingen die door de glasfabrikant worden opgegeven, strikt te worden opgevolgd.

d) Borstweringspanelen en opengaande delen:

Borstweringspanelen met een enkelvoudige beglazing en uitzetkramen met scharen behoren eveneens tot de mogelijkheden. Hiervoor werden profielen ontwikkeld die éénzelfde detaillering hebben als het U-profieltje tussen de dubbele beglazing. Het glas dient bij deze oplossing op een speciaal daarvoor bestemd verkleefingsprofiel 034.1116.17 verlijmd te worden. De voorschriften voor deze bewerking worden besproken in hoofdstuk II.5.3.3

5.3.2 Bestelling van de profielen

Voor ieder CW60-SC-project wordt door de Technische Dienst van Reynaers Aluminium Duffel een onderzoek gedaan op basis waarvan een goedkeuring kan gegeven worden voor de levering van de nodige profielen. De basis van dit onderzoek is een ingevuld aanvraagformulier, type Form 158, waarvan een leeg exemplaar is bijgevoegd in bijlage.

Dit formulier dient volledig ingevuld en vergezeld van de nodige tekeningen, bezorgd te worden aan de Technische Dienst van Reynaers Aluminium Duffel, waarna het onderzoek kan opgestart worden.

5.3.3 Structurele verlijming

a. Aandachtspunten structurele verlijming

• Te gebruiken structurele lijm=DOW CORNING: DC 993 of Sika: SG500 of Tremco: VEC99/Proglaze II(of andere in de ETA opgenomen siliconen)

Uitsluitend voor de structurele kit DC 993/SG500/VEC99/Proglaze II zijn de in de EOTA-gids voor structurele beglazingssystemen beschreven adhesieproeven en verenigbaarheidsproeven met de omringende materialen uitgevoerd. Voor ieder nieuw lot van verlijmingsprofiel worden bij Dow Corning / Sika / Tremco versnelde adhesieproeven (zgn. peeltesten) evenals de anotesten uitgevoerd. Op basis van de resultaten van deze proeven wordt een verlijmingsvoorschrift voor het welbepaalde lot van het verlijmingsprofiel opgemaakt (nr. DC XXXXX) waarin gemeld wordt dat de profielen goedgekeurd zijn voor structureel gebruik. Belangrijk om op te merken is dat dit voorschrift slechts 6 maanden geldig is. Een hernieuwing van het voorschrift kan bekomen worden door na 6 maanden de bovenvermelde testen opnieuw uit te voeren.

• Te gebruiken reinigingsmiddel voor verlijmingsprofiel 034.1116.17

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

• Mogelijke beglazingen

De meest courante beglazingen kunnen gebruikt worden in dit systeem; wij verwijzen naar de ETA om hier uitsluitend over te bekomen. Voor dubbele beglazing is de te gebruiken kit voor de hermetische voeg tussen beide glasplaten bij voorkeur de kit DC 3362 van de firma Dow Corning, dewelke ook een structurele kit is. Bij de oplossing met verlijming op het buitenglasblad en getrapte beglazing mag de buitenste glasplaat niet volledig uitgehard zijn. Voor glas met verhoogde breukweerstand komt in dit geval voor de buitenste glasplaat uitsluitend halfgehard glas (durci) in aanmerking. Voor glasplaten met een coating op zijde 2 (de zijde waarop gekleefd wordt) is het noodzakelijk om in bepaalde gevallen deze coating te verwijderen ter hoogte van de lijmvoeg om een voldoende hechting in de tijd te garanderen. Meer info hieromtrent kan bekomen worden bij de glasleverancier en/of Dow Corning. Min.Glasdikte =27 Max. Glasdikte =40

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

• Ondersteuning voor eigengewicht

Dit systeem mag uitsluitend gebruikt worden mits ondersteuning van beide glasplaten voor eigengewicht, zodat de lijmvoeg niet onderworpen is aan een continue afschuifbelasting o.i.v. eigengewicht. Concreet betekent dit, dat minstens de helft van de buitenste glasplaat moet ondersteund zijn. In het geval van gelaagde beglazing moet minstens de helft van de meest buiten gelegen glasplaat half ondersteund zijn: bv. voor gelaagd beglazing type 44.2 met een totale dikte van ongeveer 8,8mm moet minstens 7,8mm ondersteund zijn. De PVB-lagen zijn immers niet ontwikkeld om een continue afschuifbelasting op te vangen. Voor dubbele beglazing moet beide glasplaten ondersteund worden.

• Verenigbaarheid omringende materialen met de structurele voeg

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

• Afstandshouder

De dichting 080.9300.04, 080.9301.04 of 080.9303.04 wordt in dit systeem gebruikt als afstandshouder tussen het verlijmingsprofiel en het glas. Deze dichting zorgt er bijgevolg voor dat het glas overal precies even ver verwijderd is van het verlijmingsprofiel (standaard 6,4 mm). Dit resulteert in een constante dikte van de structurele voeg. Zoals hierboven reeds gemeld, is uiteraard ook deze dichting getest op verenigbaarheid met de structurele lijm.

• Glassteunblokken

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

• Verlijmingsfirma's

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

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

b. Bestelling verlijmingsprofiel 034.1116.17

Voor ieder CW50-SC project wordt door de Technische Dienst van Reynaers Aluminium Duffel een onderzoek gedaan op basis waarvan een goedkeuring kan gegeven worden voor de levering van de nodige verlijmingsprofielen. De basis van dit onderzoek is een ingevulde aanvraag (form 158 of digitale aanvraag). Dit onderzoek kan opgesplitst worden in volgende 3 delen:

Voor ieder CW50-SC project wordt door de Technische Dienst van Reynaers Aluminium Duffel een onderzoek gedaan op basis waarvan een goedkeuring kan gegeven worden voor de levering van de nodige verlijmingsprofielen. De basis van dit onderzoek is een ingevulde aanvraag (form 158 of digitale aanvraag). Dit onderzoek kan opgesplitst worden in volgende 3 delen:

• Controle afmetingen structurele voeg

Op basis van de windbelasting (piekwindbelasting met terugkeerperiode van 10 jaar), de elementafmetingen en de glassamenstelling wordt nagegaan of de klassieke hoogte van de structurele voeg (= 15.5 mm) volstaat om deze windbelasting op te nemen.

Verder wordt ook gecontroleerd of de dikte van de structurele voeg (klassiek 6,4 mm) volstaat om het verschil in thermische uitzetting tussen glas en aluminium op te vangen. Telkens wordt een bevestiging gevraagd van deze berekeningen bij de siliconenleverancier.

• Controle elementafmetingen

Voor opengaande delen wordt nagegaan of de voorgestelde elementafmetingen en het elementgewicht kunnen gerealiseerd worden met de scharen in ons gamma. Wij verwijzen daarvoor ook naar de diagrammen voor toelaatbare afmetingen verderop in de catalogus.

Voor vaste gedeelten wordt vnl. een gewichtscntrole uitgevoerd (naast uiteraard de controle van de voegafmetingen zelf - zie eerste punt). Bij gebruik van 2 glassteunen met een breedte van 100 mm, hetgeen verplicht is, moet het totale elementgewicht beperkt blijven tot 180 kg.

Tenslotte wordt nog nagegaan of met de voorgestelde glassamenstelling de buitenste glasplaat half ondersteund is.

Deze waarden gelden enkel wanneer de binnenste glasplaat even dik of dikker is als de buitenste glasplaat.

• Specifieke toepassingen

Voor specifieke toepassingen (hoekdetailering, gevel in facetten, gevel onder helling, ...) wordt bij een oplossing afwijkend van de catalogusoplossing de technische haalbaarheid nagegaan.

Na goedkeuring van het project wordt voor het betreffende lot van verlijmingsprofiel 034.1116.17 het verlijmingsvoorschrift van Dow Corning aan de klant opgestuurd.

Bijlage: FORM 158

II.6 VERWERKING VAN CW 50-STRUCTURAL GLAZING (CW50-SG)

II.6.1. Aanbrengen structurele dichting

De structurele dichtingen worden aangebracht in de daarvoor voorziene groeven van de profielen; de overlengte wordt lichtjes opgestuikt om krimpen op te vangen. Moeilijkheden bij het inbrengen kunnen opgevangen worden met siliconenspray (art.nr. 086.9551.--). Verlijmen (afdichten) : de snedes dienen verlijmd te worden met een vulkaniseerlijm (Unionzement art.nr. 084.9108.04)..

II.6.2. Montagevoorschriften

Voortvloeiend uit de aard van het systeem, met name de plaatsing van glaspanelen op een draagstructuur is de positionering van de draagstructuur zelf en de plaatsing van de elementen hierop uiterst belangrijk met het oog op een correcte bevestiging en het bekomen van een gevelstructuur met goede wind- en waterdichtheidseigenschappen. De toleranties moeten dan ook tot het strikte minimum beperkt worden (maximale afwijking grootte-orde 1 à 2 mm t.o.v. de nominale asmaat).

De gevelstructuur mag noch een statische, noch een dynamische spanning op de beglazing uitoefenen. De maximum doorbuiging onder invloed van de wind mag niet meer dan 1/200ste bedragen, met een maximum van 15mm. De maximum doorbuiging van de dwarsprofiel onder invloed van het eigen gewicht van de vulling bedraagt 2mm.

6.2.1 Inbouw in de ruwbouw

Het gevelelement wordt door middel van verankeringen aan de dragende ruwbouw verbonden. Het aantal, de plaats en de wijze van verankering moeten zodanig zijn dat de krachten die op het gevelelement worden uitgeoefend, goed op de omringende bouwkundige constructies kunnen worden overgedragen. Deze krachten kunnen onder andere zijn: windbelasting, eigengewicht, gebruiksbelasting, zonwering, radiatoren, glazenwassersinstallaties, enz...

De verankering mag geenszins het draagvermogen van de aangrenzende bouwonderdelen beïnvloeden. De plaats en uitvoering van de ankers of andere bevestigingsmiddelen dienen zodanig te zijn dat het element niet door de bouwkundige constructie kan worden belast en dat het element niet wordt gedeformeerd. Lengteveranderingen, veroorzaakt door temperatuurwisselingen, moeten ongehinderd kunnen plaatsvinden. Ook de toegelaten toleranties van de ruwbouw moeten kunnen worden opgenomen door de gevelconstructie en de verankeringen zonder dat waterlekage ontstaat of te veel luchtinfiltratie optreedt. De verankeringsconstructie zal hiertoe voldoende instelmogelijkheden moeten bezitten om het inpassen tijdens de montage mogelijk te maken. Verankeringen mogen verder het goed functioneren van de beweegbare

delen en het hang- en sluitwerk niet belemmeren. Bewegingen tussen ruwbouw en gevelelementen mogen niet tot gevolg hebben dat er hinderlijke geluiden door verankeringen worden veroorzaakt.

Soms kunnen verankeringen koudebruggen vormen. Het zal dan noodzakelijk zijn om de warmtestroom zo veel mogelijk te beperken. Hierbij dient men zich ervan te verzekeren dat de mechanische sterkte nog voldoende is.

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

Per verdiep of elke 4m wordt een uitzetvoeg voorzien. De uitzetting in de hoogte mag maximum 4mm bedragen.

6.2.2 Inbouw van de opengaande vleugels (vulelementen) en borstweringselementen

Voor de plaatsing van de vleugels op de draagstructuur verwijzen wij naar de catalogus blz 51.E....

6.2.3 Inbouw van het beslag

Keuze van bevestigingspunten, aantal sluitpunten, aantal scharnieren, max. vleugelgewicht, max. vleugelaftmetingen, toegepast vleugelgewicht, e.a. dient te gebeuren volgens de richtlijnen van de systeem-leverancier en de beslagfabrikant. Glijdende en bewegende delen zijn van neutraal vet te voorzien. Bij montage controleren of het beslag soepel en zonder hapering te bedienen is. Voor specifieke inbouwdetails verwijzen wij naar de catalogus blz.F....

II.6.3. CW 50-Structural Glazing

6.3.1 Algemeen

Het CW 60 gevelsysteem dient als basis voor het glasgevelsysteem CW 60SG. Het CW 60-SG systeem is een plaatsingsmethode om volledig gladde gordijngelvels te bekomen. Een reeks klemprofielen, die vastgeschroefd worden in de schroefkanalen van de draagstructuur, drukken de kader tegen de op het aluminium raamwerk bevestigde EPDM-rubbers. Dit is mogelijk dankzij een U-vorm in het alu. Kader

6.3.2 Bestelling van de profielen

Voor ieder CW60-SG project wordt door de Technische Dienst van Reynaers Aluminium Duffel een onderzoek gedaan op basis waarvan een goedkeuring kan gegeven worden voor de levering van de nodige klemprofielen. De basis van dit onderzoek is een ingevuld aanvraagformulier, type FORM 158, waarvan een leeg exemplaar is bijgevoegd in bijlage.

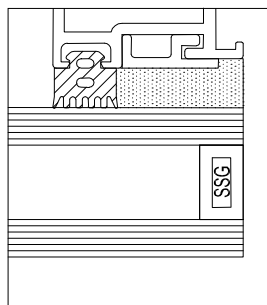
Dit formulier dient volledig ingevuld en vergezeld van de nodige tekeningen, bezorgd te worden aan de Technische Dienst van Reynaers Aluminium Duffel, waarna het onderzoek kan opgestart worden.

6.3.3 Structurele verlijming

a. Aandachtspunten structurele verlijming

• Te gebruiken structurele lijm =DOW CORNING: DC 993 of Sika: SG500 of Tremco: VEC99/Proglaze II (of andere in ETA opgenomen siliconen)

Uitsluitend voor de structurele kit DC 993/ SG500/ VEC 99/ Proglaze II zijn de in de EOTA-gids voor structurele beglazingssystemen beschreven adhesieproeven en verenigbaarheidsproeven met de omringende materialen uitgevoerd. Voor ieder nieuw lot van verlijmingsprofiel worden bij Dow Corning/ Sika/ Tremco versnelde adhesieproeven (zgn. peeltesten) evenals de anotesten uitgevoerd. Op basis van de resultaten van deze proeven wordt een verlijmingsvoorschrift voor het welbepaalde lot van het verlijmingsprofiel opgemaakt (nr. DC XXXXX) waarin gemeld wordt dat de profielen goedgekeurd zijn voor structureel gebruik. Belangrijk om op te merken is dat dit voorschrift slechts 6 maanden geldig is. Een hernieuwing van het voorschrift kan bekomen worden door na 6 maanden de bovenvermelde testen opnieuw uit te voeren.



• Te gebruiken reinigingsmiddel voor verlijmingsprofiel 034.1116.17

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

• Mogelijke beglazingen

De meest courante beglazingen kunnen gebruikt worden in dit systeem; wij verwijzen naar de ETA om hier uitsluitel over te bekomen. Voor dubbele beglazing is de te gebruiken kit voor de hermetische voeg tussen beide glasplaten bij voorkeur de kit DC 3362 van de firma Dow Corning, dewelke ook een structurele kit is. Bij de oplossing met verlijming op het buitenglasblad en getrapte beglazing mag de buitenste glasplaat niet volledig uitgehard zijn. Voor glas met verhoogde

breukweerstand komt in dit geval voor de buitenste glasplaat uitsluitend halfgehard glas (durci) in aanmerking. Voor glasplaten met een coating op zijde 2 (de zijde waarop gekleefd wordt) is het noodzakelijk om in bepaalde gevallen deze coating te verwijderen ter hoogte van de lijmvoeg om een voldoende hechting in de tijd te garanderen. Meer info hieromtrent kan bekomen worden bij de glasleverancier en/of Dow Corning. Min.Glasdikte =24 Max. Glasdikte =36

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

• Ondersteuning voor eigengewicht

Dit systeem mag uitsluitend gebruikt worden mits ondersteuning van beide glasplaten voor eigengewicht, zodat de Lijmvoeg niet onderworpen is aan een continue afschuifbelasting o.i.v. eigengewicht. Concreet betekent dit, dat minstens de helft van de buitenste glasplaat moet ondersteund zijn. In het geval van gelaagde beglazing moet minstens de helft van de meest buiten gelegen glasplaat half ondersteund zijn: bv. voor gelaagde beglazing type 44.2 met een totale dikte van ongeveer 8,8 mm moet minstens 7,8 mm ondersteund zijn. De PVB-lagen zijn immers niet ontwikkeld om een continue afschuifbelasting op te vangen. Voor dubbele beglazing moeten beide glasplaten ondersteund worden.

• Verenigbaarheid omringende materialen met de structurele voeg

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

• Afstandshouder

De dichting 080.9300.04 of 080.9301.04 of 080.9303.04 wordt in dit systeem gebruikt als afstandshouder tussen het verlijmingsprofiel en het glas. Deze dichting zorgt er bijgevolg voor dat het glas overal precies even ver verwijderd is van het verlijmingsprofiel (standaard 6,4 mm). Dit resulteert in een constante dikte van de structurele voeg. Zoals hierboven reeds gemeld, is uiteraard ook deze dichting getest op verenigbaarheid met de structurele lijm.

• Glassteunblokken

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

• Verlijmingsfirma's

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

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

b. Bestelling verlijmingsprofiel 034.1116.17

Voor ieder CW50-SC project wordt door de Technische Dienst van Reynaers Aluminium Duffel een onderzoek gedaan op basis waarvan een goedkeuring kan gegeven worden voor de levering van de nodige verlijmingsprofielen. De basis van dit onderzoek is een ingevulde aanvraag (form 158 of digitale aanvraag). Dit onderzoek kan opgesplitst worden in volgende 3 delen:

• Controle afmetingen structurele voeg

Op basis van de windbelasting (piekwindbelasting met terugkeerperiode van 10 jaar), de elementafmetingen en de glassamenstelling wordt nagegaan of de klassieke hoogte van de structurele voeg (= 15.5 mm) volstaat om deze windbelasting op te nemen. Verder wordt ook gecontroleerd of de dikte van de structurele voeg (klassiek 6,4 mm) volstaat om het verschil in thermische uitzetting tussen glas en aluminium op te vangen. Telkens wordt een bevestiging gevraagd van deze berekeningen bij Dow Corning.

• Controle elementafmetingen

Voor opengaande delen wordt nagegaan of de voorgestelde elementafmetingen en het elementgewicht kunnen gerealiseerd worden met de scharen in ons gamma. Wij verwijzen daarvoor ook naar de diagrammen voor toelaatbare afmetingen verderop in de catalogus. Voor vaste gedeelten wordt vnl. een gewichtscontrole uitgevoerd (naast uiteraard de controle van de voegafmetingen zelf - zie eerste punt). Bij gebruik van 2 glassteunen met een breedte van 100 mm, hetgeen verplicht is, moet het totale elementgewicht beperkt blijven tot 180 kg. Tenslotte wordt nog nagegaan of met de voorgestelde glassamenstelling de buitenste glasplaat half ondersteund is. Deze waarden gelden enkel wanneer de binnenste glasplaat even dik of dikker is als de buitenste glasplaat.

• Specifieke toepassingen

Voor specifieke toepassingen (hoekdetailering, gevel in facetten, gevel onder helling, ...) wordt bij een oplossing afwijkend van de catalogusoplossing de technische haalbaarheid nagegaan. Na goedkeuring van het project wordt voor het betreffende lot van verlijmingsprofiel 034.1116.17 het verlijmingsvoorschrift van Dow Corning aan de klant opgestuurd.

Bijlage: FORM 158 -> INTRANET

STRUCTURELE VERLIJMINGSPROJECTEN
VOLGENS ETAG 002

REYNAERS ALUMINIUM NV/SA
Oude Lierstraat 205 • B-3570 Duffel
T +32 15 30 85 00 • F +32 15 30 86 00
www.reynaers.com • info@reynaers.com



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

Projectnaam: _____
Werfadres: _____
Land: _____

Firma en contactpersoon: _____

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

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

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

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

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



Tekeningen: _____ doorsneden/aanzichten/grondplannen in bijlage

Verlijmingsfirma: _____
Adres: _____

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

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

TECHNISCHE GOEDKEURING

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

Aantal	Profielen	Batch	Print	Kleur profielen	Rapport

Datum: _____ Door: _____

RECOMMANDATIONS DE MISE EN OEUVRE

I. GENERAL

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

II. RECOMMANDATIONS DE MISE EN OEUVRE CW 50

II.1 RECOMMANDATIONS DE FABRICATION

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

II.1.1 Opérations d'usinage

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

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

Position/serrage des profilés pendant le tronçonnage:

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

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

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

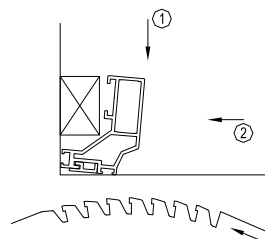
Les mors de serrage doivent être utilisés:

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

Face de référence -> <- Face de référence

MAUVAIS TRONÇONNAGE

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



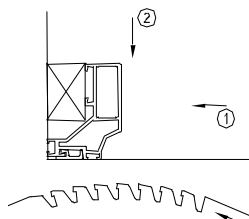
TRONÇONNAGE CORRECT

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

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

Remarque:

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



II.1.2 Assemblage

Application générale :

L'assemblage des meneaux et des traverses se fait par méthode pénétrante. Cette méthode permet le drainage des traverses dans les meneaux sans interrompre la chambre de drainage verticale. Un joint d'assemblage en EPDM est appliqué dans les gorges afin que le meneau ainsi que la traverse soient étanchés sans l'emploi de silicones. Les traverses sont fixées à l'aide des vis inoxydables.

La différence de niveau des gorges d'étanchéité, créée par la pose pénétrante, est compensée par l'emploi de différents joints d'étanchéité dans les meneaux et les traverses. Malgré la différence de l'épaisseur, l'aspect des joints est identique.

Ceci est réalisé grâce à la forme L du joint du meneau.

Nous faisons la distinction des opérations d'assemblage :

1. raccords d'angle;
2. assemblages T;
3. assemblages longitudinaux ;
4. drainage, désaération et découpes pour les accessoires;
5. joints.

1.2.1 Raccords d'angle des dormants et ouvrants (remplissages)

Etapes :

a. Tronçonnage, poinçonnage ou perçage.

b. Protection des coupes par :

- ébavurage (si nécessaire);
- soufflage des poussières et des copeaux de sciage sur la coupe et dans la chambre du profilé;
- dégraissage (REYNAFINISH 60 art.n° 086.9210.--);
- application de produit anti-corrosion (REYNAPROTECTOR art.n° 086.9206.SY + 095.P200.--); temps de séchage: environ 1 heure.

c. Etanchéité : appliquer sur les coupes de la matière d'étanchéité neutre et élastique (type joint silicone)

d. Collage: appliquer une colle d'étanchéité approuvée (REYNASEAL DUO art.nr. 084.9080.--):

- dans la chambre du profilé;
- dans la gorge destinée à l'équerre d'alignement

e. Assemblage : introduire les équerres dans les chambres. L'assemblage et le serrage de la coupe se fait par chevillage, vissage ou sertissage.

f. Sur les éléments composés, les résidus de colle ne doivent être enlevés que des surfaces visibles, et ceci uniquement à l'aide d'un produit non-agressif (REYNAFINISH 60 art.n° 086.9210.--).

Remarque: En cas de collage par injection, les éléments sont d'abord assemblés et le collage et l'étanchéité se réalisent ensuite.

1.2.2 Assemblage T de la structure portante

Etapes :

a. Tronçonnage, poinçonnage ou perçage

b. Protection des coupes par :

- ébavurage (si nécessaire);
- soufflage des poussières et des copeaux de sciage sur la coupe et dans la chambre du profilé;
- dégraissage (REYNAFINISH 60 art.n° 086.9210.--);
- application de produit anti-corrosion (REYNAPROTECTOR art.n° 086.9206.SY + 095.P200.--); temps de séchage: environ 1 heure.

c. Etanchéité : à l'aide d'un joint d'assemblage en cas d'une différence de température de 20° sur un profilé aluminium de 1m il y a une différence de longueur de $\pm 0.5\text{mm}$.

Par conséquent il n'est pas nécessaire d'appliquer un joint d'assemblage si la longueur du profilé est moins de 1m (Poinçonnage 15mm au lieu de 18mm). Si la longueur est plus de 1m ce joint d'assemblage est nécessaire afin d'éviter des tensions sur les profilés. Pour un travail sans joint d'assemblage, nous vous recommandons d'exécuter l'encoche à l'aide d'une double scie (réf. 095.B000.00); afin d'optimiser le niveau de finition.

d. Assembler, assemblage du jonction-T et visser.

e. Sur les éléments composés les résidus de colle ne doivent être enlevés que des surfaces visibles et ceci uniquement à l'aide d'un produit non-agressif (REYNAFINISH 60 art.n° 086.9210.--).

1.2.3 Assemblages longitudinaux (voir dessins pages 51.f....)

Etapes:

a. Poinçonnage et fraisage.(longueur min. = 1000m)

b. Protection des surfaces traitées par :

- ébavurage (si nécessaire);
- soufflage des poussières et des copeaux sur la coupe et dans la chambre du profilé;
- dégraissage (REYNAFINISH 60 art.n° 086.9210.--);

- application de produit anti-corrosion (REYNAPROTECTOR art.n° 086.9206.SY + 095.P200.--); temps de séchage: environ 1 heure.
- c. Application du joint pour profilé de dilatation (art. n° 080.9503.04 et 080.9903.04) dans le dormant raccord.
- d. Assemblage : il faut appliquer une feuille de polypropène sur le dormant raccord, ensuite les profilés sont assemblés et un matériaux d'étanchéité élastique est appliqué.(f.i. : 084.9063.XX)
- e. drainage longitudinaux voir 52.f...
- f. Sur les éléments composés les résidus de colle ne doivent être enlevés que des surfaces visibles et ceci uniquement à l'aide d'un produit non-agressif (REYNAFINISH 60 art.n° 086.9210.--).

1.2.4 Drainage,aération et découpes pour les accessoires

Etapas:

- a. Tron çonnage parfait
- b. Poinçonnage, perçage et fraisage.
- c. Protection des surfaces traitées par:
 - ébavurage (si nécessaire);
 - soufflage des poussières et des copeaux ;
 - dégraissage (REYNAFINISH 60 art.n° 086.9210.--);
- application de produit anti-corrosion (REYNAPROTECTOR art.n° 086.9206.SY + 095.P200.--); temps de séchage: environ 1 heure.

Lors du drainage / aération, il faut prêter attention aux points suivants: (voir 52.f...)

- Ce drainage doit être conçu pour évacuer vers l'extérieur les eaux d'infiltration éventuelles et maintenir la chambre de décompression à la pression atmosphérique.

Pour chaque fenêtre, les drainages sont prévus à une distance maximale de l'extrémité du châssis de 250 mm:

2 drainages jusqu'à une largeur de fenêtre 1000 mm

3 drainages jusqu'à une largeur de fenêtre 1500 mm

etc... un drainage en plus par 500 mm supplémentaires en largeur.

Chaque traverse doit être prévue d'ouvertures de drainage : 1 ouverture centrale si la distance intermédiaire est inférieure à 1500mm. Si cette distance dépasse 1500mm la distance maximale intermédiaire des ouvertures de drainage est de 500mm tenant compte d'une distance maximale jusqu'à l'angle de 500mm.

- En cas d'utilisation d'une bande butylique dans la section horizontale, des trous de drainage seront prévus, 2 trous à la fin du serreur.
- La surface minimale de ces usinages est de 50 mm² par drainage, soit sous forme d'un trou Ø 8 mm, soit sous forme d'un trou oblong de 5 mm x 15 mm au minimum.
- Sur le haut du côté de l'ouvrant, on perce toujours au moins 2 trous de 5 mm de diamètre au minimum. Leurs fonction est d'égaliser la pression autour du vitrage.
- Il faut toujours drainer au niveau du point le plus bas de la feuillure de vitrage.

1.2.5 Joints

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

Application des joints de vitrage

Etapas:

1. Découpe correcte: la découpe du joint de vitrage doit se faire avec des ciseaux spéciaux (art.n° 090.0121.UN)et le joint peut être coupé à onglet ou droit en fonction du type de jonction entre les profilés. Une longueur supplémentaire (environ 10 mm par mètre) doit être prévue.
2. Application du joint: les joints sont appliqués dans les gorges des profilés prévues à cet effet; la longueur supplémentaire est légèrement refoulée pour neutraliser la dilatation ou le rétrécissement. Les difficultés de mise en place peuvent être résolues à l'aide d'un aérosol silicone (art.n° 086.9551.--)
3. Collage des angles : dans les angles, le joint de vitrage doit être collé avec de la colle de vulcanisation (Unionnement art.n° 084.9108.04). Cette colle permet à la jonction de rester élastique et de garantir le rôle du joint même dans les angles.

II.2 RECOMMANDATIONS DE MONTAGE

Résultant du genre du système, soit l'installation de panneaux de vitrage sur une structure portante, le positionnement de la structure portante même ainsi que la mise en place des éléments sont extrêmement important en vue d'un ancrage correct et pour obtenir une façade bien étanchée à l'air et à l'eau. Les tolérances doivent être limitées à un minimum (différence de 1 à 2 mm comparé au diamètre extérieur nominal).

La structure mur-rideau peut exercer ni de tension statique ni de tension dynamique sur le vitrage. Le fléchissement maximal sous l'influence du vent ne peut pas excéder plus de 1/200 de la longueur du vitrage concernée avec un maximum de 15mm. Le fléchissement maximal de la traverse sous l'influence de la charge totale du poids propre du remplissage est de 2mm.

Murs-rideaux en pente et à pignon

En cas de murs-rideaux en pente et à pignon une bande de butyle aluminium est collée sur le vitrage (art. 080.9710.04, 080.9711.04 ou 080.9712.04). Le traitement de cette bande de butyle aluminium doit se faire à une température entre +5° et +40°C. La surface doit être bien propre et sèche.

Pour les murs-rideaux en pente il est obligatoire d'employer du verre de sécurité (voir prescriptions du fournisseur du verre). La pente minimale est de 5°, sans parties mobiles.

II.2.1. Montage dans le gros oeuvre

La fixation au gros oeuvre se fait à l'aide d'ancrages. Le nombre et le positionnement des ancrages doivent permettre la transmission des efforts aux supports béton. Ces forces peuvent être : la charge due à l'action du vent, le poids propre, la force d'utilisation, les brise-soleil, les radiateurs, les installations pour les laveurs de vitres, etc.

L'ancrage ne doit surtout pas influencer la force portante des éléments de construction contigus. La position et la mise en oeuvre des points d'ancrage ne doivent pas entraîner de déformation ni transmettre des efforts du gros oeuvre sur l'élément de façade.

Les jeux d'ancrage doivent prévoir les différentes dilatations.

Les tolérances du gros oeuvre doivent être compensées par la construction de la façade et les ancrages sans qu'une fuite ou trop d'infiltration d'air se produisent.

A cet effet la construction d'ancrage doit offrir assez de possibilités de réglage afin de permettre l'intégration lors du montage.

L'ancrage ne doit surtout pas encombrer le bon fonctionnement des parties mobiles et de la quincaillerie.

Les mouvements entre le gros oeuvre et les éléments de la façade ne doivent pas causer de bruit par glissement sur les ancrages. Souvent les ancrages peuvent former des ruptures thermiques qu'il faudra limiter. Dans ce cas, il faut s'assurer que la résistance mécanique reste suffisante.

Tous les ancrages, s'ils ne sont pas en aluminium ou en acier inoxydable, doivent être efficacement protégés contre la corrosion et ne doivent pas corroder l'aluminium. Afin de réaliser la connection entre l'ébauche et le joint 080.9800.04, nous utilisons une pâte mastic 084.9104.04 (qui n'est pas appropiée pour le PVC doux)

II.2.2. Transport

Afin de déplacer ou de transporter les éléments montés vers le chantier il faut renforcer les éléments afin d'éviter des dommages.

II.2.3. Montage des accessoires

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

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

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

II.2.4. Montage des moteurs

Le choix des moteurs pour THW et POW en ce qui concerne les dimensions des ouvrants est mentionné aux chapitres E et F selon les indications de D+H Mechatronic.

Les informations techniques sur la connexion entre les différents moteurs et le raccordement à un circuit électrique doivent être obtenues par D+H Mechatronic.

II.3 VITRAGE

Le système CW 60 est conçu pour être vitré à l'aide de joints EPDM.

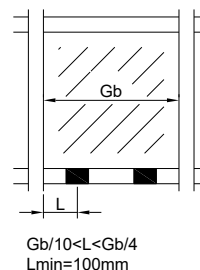
Le système de vitrage appliqué est le système de vitrage dit à égalisation de pression. Ce système permet un certain degré d'infiltration d'eau dans la construction. L'eau infiltrée doit être drainée de façon contrôlée par le meneau vertical ou par les trous d'évacuation d'eau dans les capots et les serreurs des profilés horizontaux.

Pour ce système de vitrage, les aspects suivants sont très importants :

- le joint intérieur doit être bien imperméable à l'air ;
- le joint extérieur doit être fait de sorte qu'on puisse éviter l'infiltration d'eau dans la rainure le plus que possible. A cet égard il faut propulser le joint afin d'éviter des ouvertures dans les équerres ;
- pour la pose des vitrages le jeu entre le vitrage et le fond de feuillure doit être de 10mm (5mm par côté) au minimum.
- Le coincement du verre dans le mur-rideau est au moins 13mm, dépendant de l'application. Voir les indications dans le tableau.

Fixation du vitrage

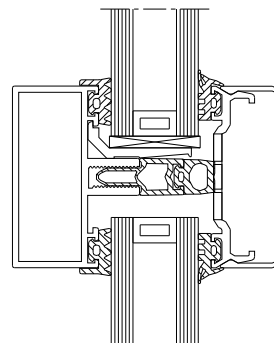
Aucun volume verrier ne peut être directement en contact avec l'aluminium. La pose de cales de vitrage et d'un joint est indispensable. En cas de vitrage isolé, les deux feuilles de verre doivent être supportées. Les cales de support, supportées par un support cale de vitrage en aluminium, doivent transmettre le poids du verre sur les profilés et doivent être posées de préférence à



une distance de 0,25 jusqu'à 0,1 fois la longueur de la largeur du vitrage (au minimum 100mm) de l'origine d'angle du vitrage. Ici la référence est le milieu des cales.

La rondelle de blocage 073.8203 est uniquement utilisée comme fixation temporaire du vitrage. Par après, les serreurs peuvent être fixés selon les spécifications. Les serreurs ont été développés pour reprendre la charge de vent et le poids propre.

Afin de limiter la flexion du meneau sous l'influence du poids de vitrage il est à recommander de poser les cales de vitrage tout près des coins du vitrage, tenant compte des restrictions susmentionnées. En appliquant un profilé de drainage PVC en combinaison avec un joint d'étanchéité, nous évitons que l'eau infiltrée se retrouve sur les bords du vitrage inférieur.



En appliquant des trous de drainage dans le serreur, juste en haut du joint d'étanchéité, on peut évacuer l'eau infiltrée. Après la pose du vitrage sur la structure portante on peut appliquer les serreurs. Les serreurs sont fixés à l'aide de vis SPECIALES tous les 300mm dans la rainure prévue sur le meneau. Afin d'obtenir un système bien étanché il faut fixer les vis avec une force de serrage de 400 Ncm.

C'est important de vérifier les instructions de traitement et les exigences de compatibilités du fournisseur de vitrage que les propriétés de ces vitrages soient garanties.

II.4 INFORMATION TECHNIQUE

Il est absolument nécessaire de calculer la force ainsi que la rigidité de chaque construction. A titre d'information, la partie B de ce catalogue comprend quelques tableaux et graphiques.

Chaque mur-rideau dont la hauteur est plus de 25m du niveau du sol doit être prévu d'une mise à la terre.

En cas où les profilés sont interrompus par un joint de dilatation, ils doivent être raccordés (voir catalogue partie F chapitre dilatation).

II.5 TRAITEMENT DE LA SERIE CW 50-STRUCTURAL CLAMPED (CW 50-SC(=VEC))

II.5.1. JOINTS

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

Application des joints de vitrage

Etapes:

1. Découpe correcte: la découpe du joint de vitrage doit se faire avec des ciseaux spéciaux (art.n° 090.0121.UN) et le joint peut être coupé à onglet ou droit en fonction du type de jonction entre les profilés. Une longueur supplémentaire (environ 10 mm par mètre) doit être prévue.

2. Application du joint: les joints sont appliqués dans les gorges des profilés prévues à cet effet; la longueur supplémentaire est légèrement refoulée pour neutraliser la dilatation ou le rétrécissement.

Les difficultés de mise en place peuvent être résolues à l'aide d'un aérosol silicone (art.n° 086.9551.--).

3. Collage des angles: dans les angles, le joint de vitrage doit être collé avec de la colle de vulcanisation (Unionzement art.n° 084.9108.04). Cette colle permet à la jonction de rester élastique et de garantir le rôle du joint même dans les angles.

Les équerres sont de même collées au bouts à l'aide de colle vulcanisante.

II.5.2. RECOMMANDATIONS DE MONTAGE

Résultant du genre de ce système, soit l'installation de panneaux de vitrage sur une structure portante, le positionnement de la structure portante même ainsi que la mise en place des éléments sont extrêmement important en vue d'un ancrage correct et pour obtenir une façade bien étanchée à l'air et à l'eau. Les tolérances doivent être limitées à un minimum (différence de 1 à 2 mm comparé au diamètre extérieur nominal).

La structure mur-rideau peut exercer ni de tension statique ni de tension dynamique sur le vitrage.

Le fléchissement maximal sous l'influence du vent ne peut pas excéder plus de 1/200 avec un maximum de 15mm. Le fléchissement maximal de la traverse sous l'influence de la charge totale du poids propre du remplissage est de 2mm.

5.2.1 Montage dans le gros oeuvre

La fixation au gros oeuvre se fait à l'aide d'ancrages. Le nombre et le positionnement des ancrages doivent permettre la transmission des efforts aux supports béton. Ces forces peuvent être : la charge due à l'action du vent, le poids propre, la force d'utilisation, les brise-soleil, les radiateurs, les installations pour les laveurs de vitres, etc.

L'ancrage ne doit surtout pas influencer la force portante des éléments de construction contigus. La position et la mise en oeuvre des points d'ancrage ne doivent pas entraîner de déformation ni transmettre des efforts du gros oeuvre sur l'élément de façade.

Les jeux d'ancrage doivent prévoir les différentes dilatactions.

Les tolérances du gros oeuvre doivent être compensées par la construction de la façade et les ancrages sans qu'une fuite ou trop d'infiltration d'air se produisent.

A cet effet la construction d'ancrage doit offrir assez de possibilités de réglage afin de permettre l'intégration lors du montage.

L'ancrage ne doit surtout pas encombrer le bon fonctionnement des parties mobiles et de la quincaillerie.

Les mouvements entre le gros oeuvre et les éléments de la façade ne doivent pas causer de bruit par glissement sur les ancrages. Souvent les ancrages peuvent former des ruptures thermiques qu'il faudra limiter. Dans ce cas, il faut s'assurer que la résistance mécanique reste suffisante.

Tous les ancrages, s'ils ne sont pas en aluminium ou en acier inoxydable, doivent être efficacement protégés contre la corrosion et ne doivent pas corroder l'aluminium.

Par étage ou tous les 4m on prévoit un joint de dilatation. La dilatation dans l'hauteur est de max. 4mm.

5.2.2 Montage des ouvrants (remplissages) et éléments mur-rideau.

Pour l'installation des ouvrants sur la structure portante nous nous référons au catalogue page 52.E....

5.2.3 Montage des accessoires

Le choix des points de fixation, du nombre de points de fermeture, du nombre de charnières, du poids max. de l'ouvrant, des dimensions max. de l'ouvrant, etc. doit se faire suivant les instructions du fournisseur des systèmes et du fabricant des accessoires. Les parties coulissantes et mobiles doivent être pourvues de graisse neutre. Lors du montage, il faut contrôler si les accessoires peuvent être actionnés de façon souple et sans blocage. Pour les détails d'encastrement spécifiques nous nous référons au catalogue page 51.F... .

II.5.3. VITRAGE

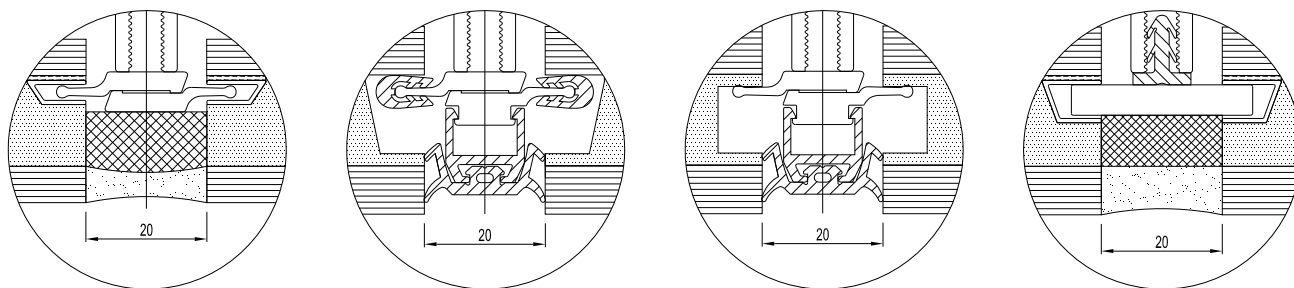
5.3.1 Généralités

Le système CW 60 sert comme base du système mur-rideau CW 60-SC. Le système CW 60-SC est une méthode d'installation développée pour la réalisation de toitures et de murs-rideaux plans. Une série de serreurs qui sont vissés dans la rainure de la structure portante, poussent le vitrage contre les joints EPDM qui sont fixés sur la fenêtre aluminium. Ceci peut être réalisé grâce à une rainure qui est incorporé dans le joint d'assemblage du vitrage double.

(brevet double vitrage au profilé U Glaverbel. Si livré par d'autres sociétés, l'accord du Directeur Technique de Reynaers Aluminium est nécessaire).

Cette rainure est possible en 3 différents types : soit à l'aide d'un profilé U prévu lors de la fabrication, soit par un vitrage intérieur libre qui permet le serrage avec un joint EPDM monté sur le profilé serreur ou bien par un paroi en silicone appliqué sur le vitrage intérieur de sorte que le serrage se fait directement sur le paroi en silicone.

En remplissant les fentes entre les panneaux de verre à l'aide de silicone, il est possible de faire un toit avec un versant de 7° (ETAG 002).



a. Support du poids propre

Le poids propre des deux vitres doit être neutralisé par des supports en silicones polymérisées (shore min. A75 à 20°C). Pour chaque panneau il faut prévoir 2 supports à min. 50 mm des équerres. La longueur des supports (en mm) est calculée comme suite :

$$L = \frac{S \times 250}{R}$$

L = longueur du support (mm)

S = surface du vitrage (m²)

R = pression admissible sur le support (N/cm²)

(silicones polymérisées shore A80 : R = 9 N/cm²).

En cas d'une toiture il faut multiplier L par le sinus α (α = l'angle de déclivité de la toiture comparé à la surface horizontale). Il faut supporter au moins la moitié de l'épaisseur du vitrage extérieur. En cas de verre feuilleté il faut supporter au moins la moitié du vitrage le plus extérieur. Les couches PVB ne servent pas à neutraliser un effort tranchant continu. Les vitrages isolés sont joints à l'aide de silicones ce qui fait partie d'une approbation technique.

Terminologie :

d1 = épaisseur du vitrage extérieur

de = largeur du réducteur de feuillure min. 15 mm

d2 = épaisseur du vitrage intérieur : min. 6 mm

l = hauteur du profilé-U = 10 mm

r = hauteur du joint structurel

e = hauteur du réducteur de feuillure

h = l + r + e

d1 + de + d2 : max. 40 mm

Remarque : les bords du vitrage extérieur sont dépolis. Les bords du vitrage intérieur sont normal sauf commandé autrement.

b. Possibilités de fabrication

La tolérance sur les dimensions du verre est de ± 2 mm.

En ce qui concerne la plaque de verre extérieur on peut employer du verre flotté, durci, trempé ou feuilleté.

En ce qui concerne la plaque de verre intérieur on ne peut jamais employer du verre durci. En ce qui concerne du verre avec résistance à la rupture augmentée on peut employer du verre demi-durci pour la plaque de verre intérieure, sauf les panneaux non-accessibles par l'intérieur du bâtiment, le 'garde-corps' où il n'y a pas de risque d'impact. Dans ce cas on peut de même employer du verre feuilleté pour la plaque de verre intérieure.

Le remplissage des joints entre les plaques de verre est fait à l'aide de silicones élastiques (Dow Corning DC 791 ou Sika WS 605 ou Tremco : Proglaze LMA), sur synthétique profil 034.0184.04 ou après l'application d'un ruban en mousse de plastique aux cellules fermées. Ce joint garantit une bonne étanchéité à l'air et à l'eau.

Afin d'obtenir un aspect uniforme des couleurs au bord des plaques de verre des parties ouvrantes il faut couvrir l'arrière de l'avancée du verre à l'aide de silicones

c. Compatibilité des matériaux environnants

Il est absolument nécessaire que les produits soient compatibles. Ceci est à contrôler par l'installateur du vitrage. Pour chaque commande il faut contacter le fabricant du vitrage afin de savoir quelle mastique est employée pour le remplissage du vide du vitrage double.

Puis il faut suivre les directives et recommandation prescrites par le fabricant du vitrage.

d. Panneaux mur-rideau et parties ouvrantes

Des panneaux mur-rideau à vitrage simple ainsi que des châssis à l'italienne à compas font partie des possibilités. A cet égard on a développé des profilés prévus du même détail du profilé-U employé entre le vitrage double. Pour cette solution il faut coller le vitrage sur le profilé collage vitrage 034.1116.17.

Les prescriptions sont décrites dans le chapitre II.5.3.3

5.3.2 Commande des profils

Pour chaque projet CW 60-SC, le service technique de Reynaers Aluminium Duffel fait une analyse, à base de laquelle l'accord peut être donné pour la livraison des profilés nécessaires.

La base de cette analyse est un formulaire de demande rempli type 'FORM 158', duquel un exemplaire vide est ajouté en annexe. Ce formulaire doit être transmis au service technique de Reynaers Aluminium Duffel, après lequel l'analyse peut être démarrée.

5.3.3 Vitrage extérieur collé

a. Vitrage extérieur collé: points à respecter

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

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

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

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

Pour le double vitrage, la colle à utiliser pour le joint hermétique entre les deux plaques de verre est de préférence le DC 3362 de la société Dow Corning, qui est également une colle pour usage VEC.

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

Min. épaisseur du vitrage 27 Max. épaisseur du vitrage 40.

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

Ce système ne peut être utilisé qu'à condition que les deux plaques de verre soient supportées pour leur poids propre, pour que le joint de colle ne soit pas soumis à une charge continue de cisaillement sous l'influence du poids propre. Concrètement cela signifie qu'au moins la moitié de la plaque de verre extérieure doit être supportée. Dans le cas de verre feuilleté, au moins la moitié de la plaque de verre la plus extérieure doit être à moitié supportée: par exemple, pour du verre feuilleté type 44.2 avec une épaisseur totale d'environ 8,8 mm, au moins 7,8 mm doit être supporté. Les couches PVB ne sont en effet pas développées pour accueillir une charge de cisaillement continue.

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

Le joint 080.9300.4, 080.9301.04, 080.9303.04 est utilisé dans ce système comme pièce d'écartement entre le profilé de collage et le vitrage. Ce joint garantit par conséquent que le vitrage est éloigné partout exactement la même distance du profilé de collage (6,4 mm). L'épaisseur du joint extérieur collé est donc constante. Comme déjà mentionné ci-dessus, ce joint a évidemment aussi été testé sur sa compatibilité avec la colle.

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

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

Pour chaque projet CW60-SC le service technique de Reynaers Aluminium Duffel fait une analyse, à base de laquelle l'accord peut être donné pour la livraison des profilés de collage

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

A base de la charge du vent (charge extrême avec période de retour de 10 ans), les dimensions des éléments et la composition du vitrage, on vérifie si la hauteur classique du joint extérieur collé (= 15.5 mm) suffit pour accueillir cette charge du vent. On contrôle également si l'épaisseur du joint extérieur collé (classique 6,4 mm) suffit pour couvrir la différence en expansion thermique entre le verre et l'aluminium.

Une confirmation de ces calculs est également demandée aux sociétés de collage.

Pour des parties ouvrantes, on vérifie si les dimensions des éléments et le poids des éléments proposés peuvent être réalisés avec les compas dans notre gamme. Nous nous référons aussi aux diagrammes pour dimensions admissibles plus loin dans le catalogue. Pour des parties fixes, on effectue surtout un contrôle du poids (à part bien sûr le contrôle des

dimensions du joint mêmes – voir premier point). Si 2 cales de vitrage sont utilisées avec une largeur de 100 mm, ce qui est obligatoire, le poids total de l'élément doit rester limité à 180 kg. Finalement, on vérifie si, avec la composition de verre proposée, la plaque de verre extérieure est à moitié supportée. Ces valeurs ne sont valables qu'en cas où la plaque de verre intérieure est aussi épaisse ou plus épaisse que la plaque de verre extérieure.

• Applications spécifiques

Pour des applications spécifiques (détaillage coin, façade en facettes, façade inclinée,...) et si la solution diffère de la solution du catalogue, la faisabilité technique est vérifiée. Si le projet est approuvé, la prescription de collage de sociétés de collage est envoyée à la client pour le lot en question du profilé de collage 034.1116.17

Annexe: FORM 158

II.6 TRAITEMENT DE LA SERIE CW 50-STRUCTURAL GLAZING (CW 50-SG (= VEC))

II.6.1. Application du joint structural

Les joints structural sont appliqués dans les gorges des profilés prévues à cet effet; la longueur Supplémentaire est légèrement refoulée pour neutraliser le rétrécissement. Les difficultés de mise en place peuvent être résolues à l'aide d'un aérosolsilicone (art.n° 086.9551.--).

Collage (étanchéité): les coupes doivent être collées avec de la colle de vulcanisation (Unionzement art.n° 084.9108.04).

II.6.2. Recommandations de montage

Résultant du genre de ce système, soit l'installation de panneaux de vitrage sur une structure portante, le positionnement de la structure portante même ainsi que la mise en place des éléments sont extrêmement important en vue d'un ancrage correct et pour obtenir une façade bien étanchée à l'air et à l'eau. Les tolérances doivent être limitées à un minimum (différence de 1 à 2 mm comparé au diamètre extérieur nominal).

La structure mur-rideau peut exercer ni de tension statique ni de tension dynamique sur le vitrage. Le fléchissement maximal sous l'influence du vent ne peut pas excéder plus de 1/200 avec un maximum de 15mm. Le fléchissement maximal de la traverse sous l'influence de la charge totale du poids propre du remplissage est de 2mm.

6.2.1 Montage dans le gros oeuvre

La fixation au gros oeuvre se fait à l'aide d'ancrages. Le nombre et le positionnement des ancrages doivent permettre la transmission des efforts aux supports béton. Ces forces peuvent être : la charge due à l'action du vent, le poids propre, la force d'utilisation, les brise-soleil, les radiateurs, les installations pour les laveurs de vitres, etc.

L'ancrage ne doit surtout pas influencer la force portante des éléments de construction contigus. La position et la mise en oeuvre des points d'ancrage ne doivent pas entraîner de déformation ni transmettre des efforts du gros oeuvre sur l'élément de façade. Les jeux d'ancrage doivent prévoir les différentes dilatations. Les tolérances du gros oeuvre doivent être compensées par la construction de la façade et les ancrages sans qu'une fuite ou trop d'infiltration d'air se produisent.

A cet effet la construction d'ancrage doit offrir assez de possibilités de réglage afin de permettre l'intégration lors du montage. L'ancrage ne doit surtout pas encombrer le bon fonctionnement des parties mobiles et de la quincaillerie. Les mouvements entre le gros oeuvre et les éléments de la façade ne doivent pas causer de bruit par glissement sur les ancrages. Souvent les ancrages peuvent former des ruptures thermiques qu'il faudra limiter. Dans ce cas, il faut s'assurer que la résistance mécanique reste suffisante. Tous les ancrages, s'ils ne sont pas en aluminium ou en acier inoxydable, doivent être efficacement protégés contre la corrosion et ne doivent pas corroder l'aluminium.

Par étage ou tous les 4m on prévoit un joint de dilatation. La dilatation dans l'hauteur est de max. 4mm.

6.2.2 Montage des ouvrants (remplissages) et éléments mur-rideau.

Pour l'installation des ouvrants sur la structure portante nous nous référons au catalogue page 52.E....

6.2.3 Montage des accessoires

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

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

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

Pour les détails d'encastrement spécifiques nous nous référons au catalogue page 51.F....

II.6.3. CW 60-Structural Glazing

6.3.1 Généralités

Le système CW 60 sert comme base du système mur-rideau CW 60-SG.

Le système CW 60-SG est une méthode d'installation développée pour la réalisation de toitures et de murs-rideaux plans. Une série de serreurs qui sont vissés dans la rainure de la structure portante, poussent le cadre contre les joints EPDM qui sont fixés sur la fenêtre aluminium. Ceci est possible grâce à une forme U dans le dormant en alu.

6.3.2 Commande des profils

Pour chaque projet CW 60-SG, le service technique de Reynaers Aluminium Duffel fait une analyse, à base de laquelle l'accord peut être donné pour la livraison des profilés nécessaires.

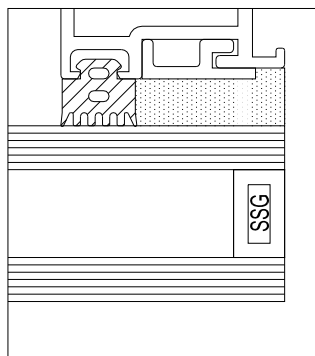
La base de cette analyse est un formulaire de demande rempli type 'FORM 158', duquel un exemplaire vide est ajouté en annexe. Ce formulaire doit être transmis au service technique de Reynaers Aluminium Duffel, après lequel l'analyse peut être démarrée.

6.3.3 Vitrage extérieur collé

a. Vitrage extérieur collé: points à respecter

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

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



• Nettoyant à utiliser pour profilé de collage 034.1116.17

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

• Vitrages possibles

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

Pour le double vitrage, la colle à utiliser pour le joint hermétique entre les deux plaques de verre est de préférence le DC 3362 de la société Dow Corning, qui est également une colle pour usage VEC.

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

Min. épaisseur du vitrage 24

Max. épaisseur du vitrage 36.

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

• Support pour poids propre

Ce système ne peut être utilisé qu'à condition que les deux plaques de verre soient supportées pour leur poids propre, pour que le joint de colle ne soit pas soumis à une charge continue de cisaillement sous l'influence du poids propre. Concrètement cela signifie qu'au moins la moitié de la plaque de verre extérieure doit être supportée. Dans le cas de verre feuilleté, au moins la moitié de la plaque de verre la plus extérieure doit être à moitié supportée: par exemple, pour du verre feuilleté type 44.2 avec une épaisseur totale d'environ 8,8 mm, au moins 7,8 mm doit être supporté. Les couches PVB ne sont en effet pas développées pour accueillir une charge de cisaillement continue.

• Compatibilité des matériaux environnants avec joint extérieur collé

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

• Pièce d'écartement

Le joint 080.9300.4, 080.9301.04, 080.9303.04 est utilisé dans ce système comme pièce d'écartement entre le profilé de collage et le vitrage. Ce joint garantit par conséquent que le vitrage est éloigné partout exactement la même distance du

profilé de collage (6,4 mm). L'épaisseur du joint extérieur collé est donc constante. Comme déjà mentionné ci-dessus, ce joint a évidemment aussi été testé sur sa compatibilité avec la colle.

• Cales de vitrage

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

• Sociétés de collage

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

b. Commande profile de collage 034.1116.17

Pour chaque projet CW60-SC le service technique de Reynaers Aluminium Duffel fait une analyse, à base de laquelle l'accord peut être donné pour la livraison des profilés de collage Nécessaires. La base de cette analyse est un formulaire de demande rempli (form 158 ou la demande digitale). Cette analyse peut être divisée en 3 parties comme décrit ci-dessous.

• Contrôle dimensions joint extérieur collé

A base de la charge du vent (charge extrême avec période de retour de 10 ans), les dimensions des éléments et la composition du vitrage, on vérifie si la hauteur classique du joint extérieur collé (= 15,5 mm) suffit pour accueillir cette charge du vent. On contrôle également si l'épaisseur du joint extérieur collé (classique 6,4 mm) suffit pour couvrir la différence en expansion thermique entre le verre et l'aluminium. Une confirmation de ces calculs est également demandée à Dow Corning.

• Contrôle des dimensions des éléments

Pour des parties ouvrantes, on vérifie si les dimensions des éléments et le poids des éléments proposés peuvent être réalisés avec les compas dans notre gamme. Nous nous référons aussi aux diagrammes pour dimensions admissibles plus loin dans le catalogue. Pour des parties fixes, on effectue surtout un contrôle du poids (à part bien sûr le contrôle des dimensions du joint mêmes – voir premier point). Si 2 cales de vitrage sont utilisées avec une largeur de 100 mm, ce qui est obligatoire, le poids total de l'élément doit rester limité à 180 kg.

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

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

• Applications spécifiques

Pour des applications spécifiques (détaillage coin, façade en facettes, façade inclinée,...) et si la solution diffère de la solution du catalogue, la faisabilité technique est vérifiée. Si le projet est approuvé, la prescription de collage de Dow Corning est envoyée à la client pour le lot en question du profilé de collage 034.1116.17

Annexe: FORM 158 -> INTRANET

PROJETS VEC
CONFORMEMENT ETAG 002

REYNAERS ALUMINIUM NV/SA
Oude Liersebaan 266 • B-2570 Duffel
t+32 15 30 85 00 • f+32 15 30 86 00
www.reynaers.com • info@reynaers.com



Veuillez retourner ce document au R&D de Reynaers Aluminium NV ainsi que votre commande au Service de Ventes.

Nom du projet: _____
Adresse du chantier: _____
Pays: _____

Société et personne à contacter: _____

Système	Profilés	Longueur	Nombre
☐ CW 50 – Top Hung / POW	034.1116.17 SG	7m	
☐ CW 50 – Turn & Tilt	034.1116.17 SG	7m	
☐ CW 50-SG	034.1116.17 SG	7m	
☐ CW 50-SC	034.1116.17 SG	7m	
☐ CW 60	034.1116.17 SG	7m	
	028.2030.17 SG	7m	
☐ CW 86	028.2031.17 SG	7m	
	007.0161.17 SG	6m	
☐ CW 65-EF/SG	007.0220.17 SG	7m	
	007.0230.17 SG	7m	

Surface du projet: _____ m²
Dimensions max. des panneaux: Largeur x Hauteur: _____ x _____ mm
Composition du vitrage: Intérieur _____ mm x Vide _____ mm x Extérieur _____ mm
Pression du vent extrême: _____ Pa (charge de développement, période de retour de 10 ans incl. les param. de pression locale)
Détails d'angle: ☐ Oui → ☐ Solution du catalogue
☐ Solution spécifique -> dessins joints
☐ Non
Façade cintrée: ☐ Oui → angle entre deux facettes = _____ °
☐ Non
Façade verticale: ☐ Oui
☐ Non → angle β à l'égard de la surface verticale = _____ °



Dessins: _____ sections/vues jointes

Société de collage: _____
Adresse: _____

Numéro d'agrément pour VEC conformément ETAG, donné par Organisme Notifié: _____

Fournisseur de silicone: _____ Type _____
Société de collage approuvée par Fournisseur de silicone: ☐ Oui ☐ Non

AGREMENT TECHNIQUE

A remplir par R&D de Reynaers Aluminium DUFFEL, après étude du projet

Nombre	Profilés	Lot	Marquage	Couleur bouts	Rapport

Date: _____ Par: _____

Form: FORM 158_E

Date: 20/04/2009
Printed on: maandag 23 november 2013

Version: 4.0 1/2

PROCESSING DATA

I. GENERAL

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

II. PROCESSING DATA CS CW 60

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 Machining operations

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

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

Position/clamping of the profiles during cutting:

The position of the profiles on the sawing table during cutting is very important and is the basis to get perfect connections during assembly of the construction.

The biggest clamping pressure should always be on the "reference side" of the profiles.

The "reference side" has to be put perfectly horizontally or vertically on the sawing table.

Clamp blocks should be used:

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

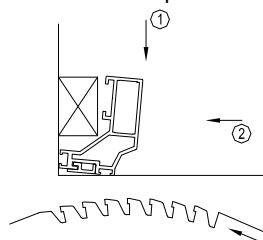
Reference side -> <- Reference side

INCORRECT CLAMPING

FAULT: The clamping pressure is on the upper side of the profile, allowing it to twist during cutting.

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

RESULT: On assembly, the corner is closed on the inside and open on the outside.



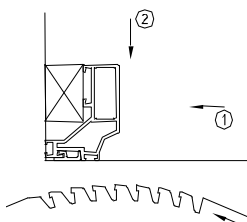
CORRECT CLAMPING

Here, the clamping pressure is on the rebate side of the profile, and the visible side undergoes a smaller, secondary pressure.

The profile is prevented from twisting or deforming during cutting. A perfect joint is obtained on assembly.

Remark:

It is recommended to exhaust the swarf during the cutting.



II.1.2 Assembly

General application :

The assembly of suspension profiles and transoms is done by positioning the transoms partly forward of the suspension profiles. This method allows drainage of the transoms into the suspension profiles without interrupting the vertical drainage chamber. The sealing channels are provided with an EPDM end gasket that seals both suspension profile and transom without using any silicones. The applied transoms are fixed by means of stainless steel screws.

The difference in level of the sealing channels, caused by the higher positioning of the transoms, is compensated by the use of different glazing gaskets in the suspension profiles and transoms. In spite of their difference in thickness, the inside aspect along the length of the sealing is equal. This is achieved by the L-shape of the sealing in the transom.

We make the following subdivision:

1. Corner connections;
2. T-brackets;
3. Longitudinal joint;
4. Drainage and recesses for the accessories;
5. Gaskets;

1.2.1 Corner connections of outer frames and vent (filling elements)

Steps:

- a. Correct sawing, punching or drilling.
- b. Protection of the saw cuts by:
 - de-burring (if necessary);
 - removing dust and sawdust on the saw cut and in the profile chamber;
 - degreasing (REYNAFINISH 60 art.no. 086.9210.--);
 - applying anti-corrosion product (REYNAPROTECTOR art.no. 086.9206.SY + 095.P200.--); drying time: about 1 hour.
- c. Sealing: applying a neutral elastic sealing agent on the saw cuts.
- d. Gluing: applying an approved sealing glue (REYNASEAL DUO art.no. 084.9080.--):
 - in the profile chamber;
 - in the area where the rebate support will be inserted.
- e. Making the connection: the corner cleats can be inserted and the mechanical corner connection can be made, either by crimping or by screwing/driving-in pins.
- f. The adhesive residue on the visible sides of the completed elements has to be removed by means of a non-aggressive product (REYNAFINISH 60 art.no. 086.9210.--).

Remark: In case of glue injection, the elements are first combined and glued / sealed afterwards.

1.2.2 T-bracket of the supporting structure

Steps:

- a. Correct sawing, punching or drilling.
- b. Protection of the saw cuts by:
 - de-burring (if necessary);
 - removing dust and sawdust on the saw cut and in the profile chamber;
 - degreasing (REYNAFINISH 60 art.no. 086.9210.--);
 - applying anti-corrosion product (REYNAPROTECTOR art.no. 086.9206.SY + 095.P200.--); drying time: about 1 hour.
- c. Sealing: by means of an end gasket.
 - in case of a temperature difference of 20° on an aluminium profile of 1m the difference in length will be ± 0.5 mm. Consequently it is not necessary to provide a transom smaller than 1m with an end gasket (punching 15mm instead of 18mm). It is however necessary to apply an end gasket in case the transoms are longer than 1m; this in order to avoid stresses on the profiles. If working without end gasket, we recommend to make the opening with a double saw (ref. 095.B000.00) in order to increase the finishing level.
- d. Make the connection, mount the T-bracket and screw down.
- e. The adhesive residue on the visible sides of the completed elements has to be removed by means of a nonaggressive product (REYNAFINISH 60 art.no. 086.9210.--).

1.2.3 Longitudinal joint (see pages 51.f....)

Steps:

- a. Correct sawing and drilling (min. length = 1000mm)
- b. Protection of the saw cuts by:
 - de-burring (if necessary);
 - removing dust and sawdust on the saw cut and in the profile chamber;
 - degreasing (REYNAFINISH 60 art.no. 086.9210.--);
 - applying anti-corrosion product (REYNAPROTECTOR art.no. 086.9206.SY + 095.P200.--); drying time: about 1 hour
- c. Application of gasket for expansion profile (art. no. 080.9503.04 and 080.9903.04) into connection profile.
- d. Make the connection : apply a polypropylene tape on the connection profile, connect the profiles and apply an elastic sealing agent (f.i.: 084.9063.XX).
- e. drainage longitudinal joint, see 52.F...
- f. The adhesive residue on the visible sides of the completed elements has to be removed by means of a nonaggressive product (REYNAFINISH 60 art.no. 086.9210.--).

1.2.4 Drainage, decompression and recesses for the accessories

Steps:

- a. Marking of recesses
- b. Correct punching, drilling or milling.
- c. Protection of the treated surfaces by:
 - de-burring (if necessary);
 - removing dust and saw-dust ;
 - degreasing (REYNAFINISH 60 art.no. 086.9210.--);
 - applying anti-corrosion product (REYNAPROTECTOR art.no. 086.9206.SY + 095.P200.--) ; drying time: about 1 hour.

Special attention should be paid to the following regarding drainage / decompression (see 52.F...):

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

For windows, drainage holes should be a maximum of 250 mm from the corner : up to a window width of 1000 mm:

2 drainage holes; up to a window width of 1500 mm: 3 drainage holes.

Additional holes are required every 500 mm.

Each transom is provided with drainage holes :

1 central opening in case the intermediate distance between the transoms is less than 1500mm. In case the intermediate distance between the transoms exceeds 1500mm, the max. distance between the drainage holes is 500mm with a max. distance to the corners of 500mm.

- With the usage of butyl tape in the horizontal section, drainage holes must be foreseen,

2 drainage holes must be applied at the profile ends

- 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.

- On the side at the top of the vent at least 2 openings of minimum 5 mm should always be drilled. Its function is to guarantee the pressure equalisation around the glazing.

- Always drain at the lowest point of the glass rebate.

1.2.5 Gaskets

All gaskets are of EPDM resistant to weathering and ageing. They should be carefully applied since the tight sealing of the curtain wall depends on their correct application.

Applying the glazing gaskets

Steps:

1. Correct cutting: the glazing gasket should be cut with special gasket shears (art.no. 090.0121.UN) and can be cut straight or mitred according to the kind of profile connection. Extra length (about 10 mm per metre) is required.
2. Application of the gasket: the gaskets are applied in the appropriate grooves within the profiles; they should be cut slightly longer than is necessary to compensate for any shrinkage that may occur. Difficulties in applying the gasket can be solved by the use of silicone spray (art.no. 086.9551.--).
3. Gluing (sealing): in the corners, glazing gaskets should be glued with vulcanising agent (Unionzement art.no. 084.9108.--).

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

II.2 INSTALLATION

Arising from the type of this system, in particular the fitting of glass panels on a supporting structure, both the positioning of the supporting structure itself and the fitting of the elements on this structure are extremely important with a view to a correct anchoring and to obtain a good wind- and watertight curtain wall structure.

Tolerances must consequently be restricted to an absolute minimum (max. difference of 1 to 2 mm compared with the nominal outside dimension).

The curtain wall structure may exert neither a static nor a dynamic stress on the glazing.

The maximum deflection under the influence of the wind may not exceed 1/200th with a maximum of 15mm.

The maximum deflection of the transom under the influence of the self-weight of the filling is 2mm.

Inclining and gabled curtain wall

For inclining and gabled curtain walls we always apply an aluminium butyl tape on the glazing (art. 080.9710.04, 080.9711.04 or 080.9712.04). This aluminium butyl tape must be processed at a temperature of between +5°C and +40°C. The surface must be dry and clean.

In case of inclining curtain walls it is obliged to apply security glass (see prescriptions of the glass supplier). The roof slope should be at least 5°, without moving parts.

II.2.1. Fitting into the structural opening

The curtain wall element is fixed on the supporting structure by means of anchorings. Quantity, position and anchoring method must be so that forces applied on the curtain wall element can be transferred to the adjacent building structure.

These forces can be : wind load, self-weight, application load, sun protection, radiators, installations for window-cleaners,...

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

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

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

Therefore the anchoring construction must offer enough adjusting possibilities in order to allow fitting during assembly. Anchorings may under no condition hinder the good functioning of moveable parts and accessories. Movements between the structural work and the curtain wall element may not cause any disturbing noise caused by the anchorings.

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

All 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. In order to realise the connection between the rough structure and the sealing 080.9800.04, we are using a sealing paste 084.9104.04 (not suitable for soft PVC)

II.2.2. Transport

Assembled elements must be well packed in order to avoid damages when moving or transporting them to the site.

II.2.3. Fitting of the accessories

The choice of the fixing points, number of locking points, number of hinges, max. vent weight, max. vent sizes, vent profile used etc. depends on the instructions of the system supplier and the accessory producer. Sliding and moving parts should be provided with neutral grease.

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

II.2.4. Fitting of the MOTOR

The choice of the fixing points, number of locking points, number of hinges, max. vent weight, max. vent sizes, vent profile used etc. depends on the instructions of the system supplier and the accessory producer. Sliding and moving parts should be provided with neutral grease.

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

II.3 GLAZING

The CW 60 system is designed for glazing with EPDM gaskets.

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

This system allows a certain extent of water infiltration in the construction. The infiltrated water must be drained in a controlled way by the vertical suspension profiles or by the drainage holes applied in the caps of pressure plates of the horizontal profiles.

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

- the inner gasket must be air tight;
- the outer gasket must prevent water from infiltrating into the rebate. Therefore, one should overlap the gaskets in order to avoid openings in the corners;
- when applying the glazing one should take into account a clearance of at least 10mm from the aluminium frame (5mm at each side).
- Clamping of the glazing in the curtain wall is at least 13mm, depending on the application. See indication in the glass tables.

Fixation of the glazing

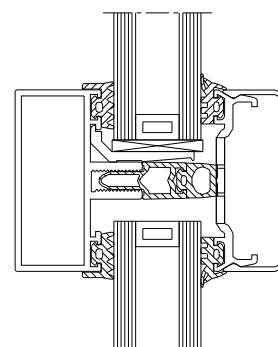
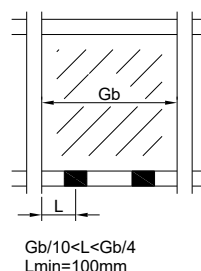
Glass panels may not be in direct contact with the aluminium without application of glazing blocks and a gasket. In case of insulated glass, both glass plates must be regularly supported.

The supporting blocks, supported by an aluminium glass support, should transfer the glass weight on to the profiles and must be positioned at a distance of 0.25 to 0.1 times the length of the glass width (at least 100mm) from the corner of the glazing. The reference point is the centre of these blocks.

Safety ring 073.8203 is only used as temporary fixation of the glass.

The pressure plates can then be fixed according to specifications.

The pressure plates are designed to take the wind and weightload.



In order to restrict deflection of the suspension profile under the influence of the glass weight, we recommend to position the glass supports at the glass corners, taking into account the above mentioned restrictions. The application of a PVC

drainage profile in combination with a gasket prevents infiltrating water on the borders of the glazing below.

The application of drainage holes in the pressure plate just above the gasket allows the drainage of possible infiltrated water.

Pressure plates can be applied after placement of the glazing. These pressure plates are screwed down in the channels of the supporting structure by means of SPECIAL screws. In order to obtain a suitably sealed system, these screws must be fixed with a tightening moment of 400 Ncm.

It is important to check the processing and compatibility requirements of the glass supplier before the actual assembly of the system. The properties of the different types of glass will be preserved.

II.4 TECHNICAL INFORMATION

It is necessary to make calculations on strength and stiffness for each construction.

As for your information, part B of this catalogue shows some tables and graphs

Each aluminium curtain wall construction the height of which exceeds 25m above the ground floor must be provided with an earthing. In case profiles are broken by means of an expansion joint these profiles have to be connected (see catalogue part F, chapter expansion).

II.5 PROCESSING OF CW 50-STRUCTURAL CLAMPED (CW 50-SC)

II.5.1. GASKETS

All gaskets are of EPDM resistant to weathering and ageing. They should be carefully applied since the tight sealing of the curtain wall depends on their correct application.

Applying the glazing gaskets

Steps:

1. Correct cutting: the glazing gasket should be cut with special gasket shears (art.no. 090.0121.UN) and can be cut straight or mitred according to the kind of profile connection. Extra length (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. Glueing (sealing): in the corners, glazing gaskets should be glued with vulcanising agent (Unionzement art.no. 084.9108.04). This vulcanising agent will remain elastic and because of this the gasket will also fit perfectly into the corners. Corner pieces are glued at the ends by means of vulcanising glue.

II.5.2. INSTALLATION

Arising from the type of this system, in particular the fitting of glass panels on a supporting structure, both the positioning of the supporting structure itself and the fitting of the elements on this structure are extremely important with a view to a correct anchoring and to obtain a good wind- and watertight curtain wall structure.

Tolerances must consequently be restricted to an absolute minimum (max. difference of 1 to 2 mm compared with the nominal outside dimension).

The curtain wall structure may exert neither a static nor a dynamic stress on the glazing.

The maximum deflection under the influence of the wind may not exceed 1/200th with a maximum of 15mm. The maximum deflection of the transom under the influence of the self-weight of the filling is 2mm..

5.2.1 Fitting into the structural opening

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

The anchoring may on no condition influence the bearing power of the adjacent building parts. Anchorings or other fixations must be positioned and executed in such a way that the element cannot be loaded by the surrounding structure and that the element is not deformed. Changes in the length, resulting from temperature fluctuations, must be allowed for. Also, the allowed tolerances of the structural work must be compensated for by the curtain wall construction and the anchorings without any water leakage or too much air infiltration. Therefore the anchoring construction must offer enough adjusting possibilities in order to allow fitting during assembly.

Anchorings may on no condition hinder the good functioning of moveable parts and accessories.

Movements between the structural work and the curtain wall elements may not lead to any disturbing noises caused by the anchorings. For each level or every 4m an expansion joint has been foreseen. Expansion in the height cannot exceed 4mm.

5.2.2 Fitting of the opening vents (filling elements) and spandrel elements

For fitting the vents on the supporting structure we refer to the catalogue pages 52.E....

5.2.3 Fitting of the accessories

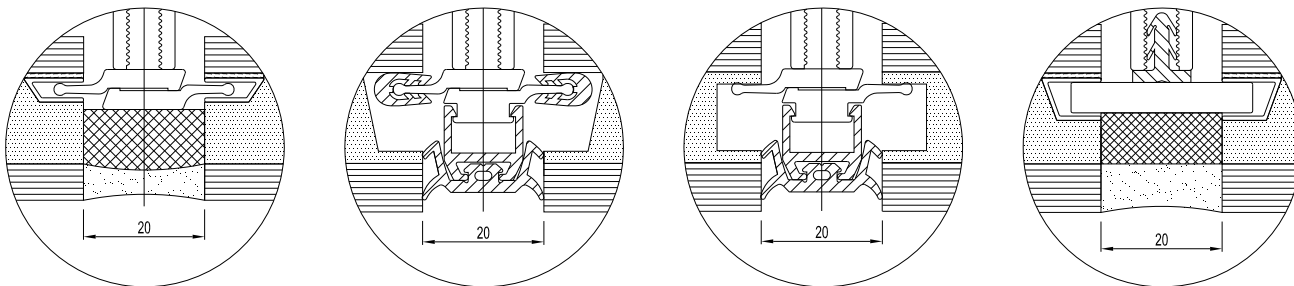
The choice of the fixing points, number of locking points, number of hinges, max. vent weight, max. vent sizes, vent profile used etc. depends on the instructions of the system supplier and the accessory manufacturer. Sliding and moving parts should be provided with neutral grease.

When fitting, please check whether all accessories can be operated easily and without getting jammed. For specific fitting details we refer to the catalogue pages 51.F....

II.5.3. GLAZING

5.3.1 General

The CW 60 curtain wall system is the basis for the glass facade system CW 60-SC. The CW 60 curtain wall system is the basis for the glass facade system CW 60-SC.



a. Support of the self-weight:

The self-weight of the two glass plates should be supported by supporting blocks of polymerised silicone (minimum shore A75 at 20°C). Per glazing two supporting blocks should be fitted at minimum 50 mm from the corners. The length of the supporting blocks (in mm) is calculated as follows:

$$L = \frac{S \times 250}{R}$$

L = length of the supporting block (mm)

S = surface of the glazing (m²)

R = allowed pressure on the supporting block (N/cm²)

(polymerised silicone shore A80 : R = 9 N/cm²).

When a roof is concerned, L has to be multiplied by the sin a (a is the angle of inclination of the roof Compared to the horizontal surface).

The outer plate has to be supported at least for half of its thickness. In case of laminated glazing the most outer glass plate has to be at least half supported. The PVB layers are indeed not developed to receive a continuous shearing load.

The insulated glazings are joined together by means of silicone and form part of a technical approval.

Terminology:

d1 = thickness outer glass plate

de = width of the spacer min. 15 mm

d2 = thickness inner glass plate: min. 6 mm

i = height of the U profile: 10 mm

r = height of the structural joint

e = height of the spacer

h = i + r + e

d1 + de + d2 : max. 40 mm

Remark: The edges of the outer glass plate are grinded. The edges of the inner glass plate are normally bevelled unless otherwise ordered.

b. Fabrication possibilities:

The tolerances on the glass sizes are +/- 2 mm.

For the outer glass plate float glass, half-hardened, hardened and laminated glass are suitable.

The inner glass plate may never be completely hardened. For glass with increased breaking resistance only half-hardened glass (durci) is suitable in this case for the inner glass plate, except for the panels having no access from the inside of the building, the 'balustrade' without impact risc. For the inner plate also laminated glass is allowed.

Tightening the joints between the glass is done with elastic silicone (Dow Corning: DC 791 or Sika: WS 605 or Tremco: Proglaze LMA), against synthetic profile 034.0184.04 or after applying a filling consisting of a polyethylene foam strip with closed cells. This joint ensures a perfect air- and watertightness. To obtain a uniform colour aspect on opening parts at the glass edge, the back of the glass overhang should be covered with silicone.

c. Compatibility with surrounding materials:

The compatibility of all products is necessary. This has to be checked by the person who fits the glazing. For each assignment he should contact the glass manufacturer to know which type of glue was used for filling the cavity of the double glazing.

The guidelines and recommendations given by the glass manufacturer should moreover be strictly followed.

d. Spandrelpanels and opening parts:

Balustrade panels with a single glazing and top-hung windows with friction stays also belong to the possibilities. For this purpose, profiles were developed which have the same details as the U profile between the double glazing. In case of this solution the glass should be glued on a special glueing profile developed for this purpose: 034.1116.17. The instructions for this operation are discussed in chapter II.5.3.3

5.3.2 Order of the profiles

For each CW 60-SC project the Technical Department of Reynaers Aluminium Duffel conducts an investigation on the basis of which an approval can be given for the delivery of the necessary profiles.

The basis of this investigation is a completed application form, type Form 158, of which a blank copy is added in exhibit. This form should be completely filled in and transmitted, accompanied by the necessary drawings, to the Technical Department of Reynaers Aluminium Duffel, after which the investigation can be started up.

5.3.3 Structural glueing

a. Structural glueing : items to be observed

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

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

• Cleaner to be used for glueing profile 034.1116.17

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

• Possible glazing types

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

Min. glass thickness 27

Max. glass thickness 40.

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

• Support for self-weight

This system may only be used if there is support of both glass plates for self-weight, so that the glue joint is not submitted to a continuous shearing load under the influence of self-weight. In practice this means that at least half of the outer glass plate has to be supported. In case of laminated glazing at least half of the most outer glass plate has to be half supported: e.g. for laminated glazing type 44.2 with a total thickness of approximately 8.8 mm, at least 7.8 mm has to be supported. The PVB layers are indeed not developed to receive a continuous shearing load.

• Compatibility of the surrounding materials with the structural seal

All surrounding materials of the structural joint have to be compatible with the structural glue.

The materials of the system shown in this catalogue, including the EPDM gaskets used, have of course been tested on their

compatibility with the structural glue. However, if other materials are applied in the system, the required compatibility certificates must be shown when asked.

- Spacer

The gasket 080.9300.4, 080.9301.04, 080.9303.04 is used in this system as spacer between the glueing profile and the single glass. This gasket ensures consequently that the distance between the glass and the glueing profile is everywhere exactly the same (6.4 mm). The result is a constant thickness of the structural joint. As already mentioned above, this gasket has of course also been tested on its compatibility with the structural glue.

- Glass supports

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

- Glueing companies

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

b. Order glueing profile 034.1116.17

For each project CW60-SC the technical department of Reynaers Aluminium Duffel has to conduct an investigation on the basis of which an approval can be given for the delivery of the necessary glueing profiles. The basis of this investigation is a completed application form 158 or digital request. This investigation can be split up into the following 3 parts:

- Checking the sizes of the structural joint

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

Silicone supplier is also asked for confirmation of these calculations.

- Checking the element sizes

For opening parts it is checked whether the proposed element sizes and the element weight can be realised with the Friction stays in our product range. We also refer to the diagrams for permissible sizes further on in the catalogue. For fixed parts mainly a weight check is carried out (next to the control of the joint sizes themselves of course - see first item). If 2 glass supports with a width of 100 mm are used, which is compulsory, the total element weight has to remain restricted to 180 kg. Finally it is checked whether, with the proposed glass composition, the outer glass plate is half supported. These values are only valid in case the inner glass thickness is equal to or bigger than the outer glass thickness.

- Specific applications

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

After approval of the project, the glueing prescription of Dow Corning for the lot of glueing profile 034.1116.17 concerned is sent to the customer.

Exhibit: FORM 158

II.6 PROCESSING OF CW 50-STRUCTURAL GLAZING (CW 50-SG)

II.6.1. Application of the structural gasket

The structural 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.--).

Glueing (sealing): the cuts should be glued with a vulcanising agent (Unionzement art.no. 084.9108.04).

II.6.2. Installation

Arising from the type of this system, in particular the fitting of glass panels on a supporting structure, both the positioning of the supporting structure itself and the fitting of the elements on this structure are extremely important with a view to a correct anchoring and to obtain a good wind- and watertight curtain wall structure.

Tolerances must consequently be restricted to an absolute minimum (max. difference of 1 to 2 mm compared with the nominal outside dimension).

The curtain wall structure may exert neither a static nor a dynamic stress on the glazing. The maximum deflection under the influence of the wind may not exceed 1/200th with a maximum of 15mm. The maximum deflection of the transom under the influence of the self-weight of the filling is 2mm.

6.2.1 Fitting into the structural opening

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

The anchoring may on no condition influence the bearing power of the adjacent building parts. Anchorings or other fixations must be positioned and executed in such a way that the element cannot be loaded by the surrounding structure and that the element is not deformed.

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

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

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

Anchorings may on no condition hinder the good functioning of moveable parts and accessories.

Movements between the structural work and the curtain wall elements may not lead to any disturbing noises caused by the anchorings.

For each level or every 4m an expansion joint has been foreseen. Expansion in the height cannot exceed 4mm.

6.2.2 Fitting of the opening vents (filling elements) and spandrel elements

For fitting the vents on the supporting structure we refer to the catalogue pages 52.E....

6.2.3 Fitting of the accessories

The choice of the fixing points, number of locking points, number of hinges, max. vent weight, max. vent sizes, vent profile used etc. depends on the instructions of the system supplier and the accessory manufacturer.

Sliding and moving parts should be provided with neutral grease.

When fitting, please check whether all accessories can be operated easily and without getting jammed. For specific fitting details we refer to the catalogue pages 51.F....

II.6.3. CW 50-Structural Glazing

6.3.1 General

The CW 60 curtain wall system is the basis for the glass facade system CW 60-SG.

The CW 60-SG system is a fitting method to obtain completely flush curtain walls.

A series of clamping profiles, which are screwed in the screw channels of the supporting structure, press the glass against the EPDM gaskets fixed on the aluminium frames. This is possible given the U-shape in the alu frame U-shape in the alu frame.

6.3.2 Order of the profiles

For each CW 60-SG project the Technical Department of Reynaers Aluminium Duffel conducts an

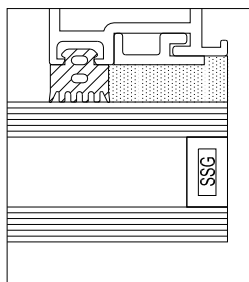
Investigation on the basis of which an approval can be given for the delivery of the necessary pressure plates. The basis of this investigation is a completed application form, type FORM 158, of which a blank copy is added in exhibit. This form should be completely filled in and transmitted, accompanied by the necessary drawings, to the Technical Department of Reynaers Aluminium Duffel, after which the investigation can be started up.

6.3.3 Structural glueing

a. Structural glueing : items to be observed

*Structural glue to be used = Dow corning: DC993 or Sika: SG500 or Tremco: VEC99 Proglaze II (or other silicones indicated in ETA).

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



• Cleaner to be used for glueing profile 034.1116.17

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

• Possible glazing types

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

Min. glass thickness 24

Max. glass thickness 36.

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

• Support for self-weight

This system may only be used if there is support of both glass plates for self-weight, so that the glue joint is not submitted to a continuous shearing load under the influence of self-weight. In practice this means that at least half of the outer glass plate has to be supported. In case of laminated glazing at least half of the most outer glass plate has to be half supported: e.g. for laminated glazing type 44.2 with a total thickness of approximately 8.8 mm, at least 7.8 mm has to be supported. The PVB layers are indeed not developed to receive a continuous shearing load.

• Compatibility of the surrounding materials with the structural seal

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

• Spacer

The gasket 080.9300.4, 080.9301.04, 080.9303.04 is used in this system as spacer between the glueing profile and the single glass. This gasket ensures consequently that the distance between the glass and the glueing profile is everywhere exactly the same (6.4 mm). The result is a constant thickness of the structural joint. As already mentioned above, this gasket has of course also been tested on its compatibility with the structural glue.

• Glass supports

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

• Glueing companies

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

b. Order glueing profile 034.1116.17

For each project CW50-SC the technical department of Reynaers Aluminium Duffel has to conduct an investigation on the basis of which an approval can be given for the delivery of the necessary glueing profiles. The basis of this investigation is a completed application form 158 or digital request. This investigation can be split up into the following 3 parts:

• Checking the sizes of the structural joint

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

• Checking the element sizes

For opening parts it is checked whether the proposed element sizes and the element weight can be realised with the friction stays in our product range. We also refer to the diagrams for permissible sizes further on in the catalogue. For fixed parts mainly a weight check is carried out (next to the control of the joint sizes themselves of course - see first item). If 2 glass supports with a width of 100 mm are used, which is compulsory, the total element weight has to remain restricted to 180 kg.

Finally it is checked whether, with the proposed glass composition, the outer glass plate is half supported. These values are only valid in case the inner glass thickness is equal to or bigger than the outer glass thickness.

• Specific applications

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

After approval of the project, the glueing prescription of Dow Corning for the lot of glueing profile 034.1116.17 concerned is sent to the customer.

Exhibit: FORM 158 -> INTRANET

STRUCTURAL GLAZING PROJECTS
ACCORDING TO ETAG 002

REYNAERS ALUMINIUM NV/SA
Grote Lierstaan 264 • B-2570 Duffel
t: +32 16 30 85 50 • f: +32 16 30 86 00
www.reynaers.com • info@reynaers.com

REYNAERS
ALUMINIUM

Please return this form to R&D of Reynaers Aluminium N.V. as well as your order to the Sales Department.

Project name: _____
Address of site: _____
Country: _____

Customer and contact person: _____

System	Profiles	Length	Number
☐ CW 50 – Top Hung / POW	034.1116.17 SG	7m	
☐ CW 50 – Turn & Tilt	034.1116.17 SG	7m	
☐ CW 50-SG	034.1116.17 SG	7m	
☐ CW 50-SC	034.1116.17 SG	7m	
☐ CW 60	034.1116.17 SG	7m	
☐ CW 86	028.2030.17 SG	7m	
	028.2031.17 SG	7m	
	007.0161.17 SG	6m	
☐ CW 65-EF/SG	007.0220.17 SG	7m	
	007.0230.17 SG	7m	

Surface of the job: _____ m²
Maximum panel sizes: Width x Height: _____ x _____ mm
Glass composition: Inner plate _____ mm x Cavity _____ mm x Outer plate _____ mm
Peak wind pressure: _____ Pa (design load, returning period of 10 years incl. local pressure parameters)
Corner details: ☐ Yes → ☐ catalogue solution
☐ specific solution → drawings in exhibit
☐ No
Facetted façade: ☐ Yes → angle between two facets = _____ °
☐ No
Vertical wall: ☐ Yes
☐ No → angle β with regard to the vertical plane = _____ °
Drawings: _____ sections/views in exhibit

Gluing company: _____
Address: _____

Approval number for Structural Glazing according to ETAG, given by Notified Body: _____

Silicone supplied by: _____ Type used: _____
Gluing company approved by Silicone supplier: ☐ Yes ☐ No

TECHNICAL APPROVAL
To be filled out by R&D of Reynaers Aluminium DUFFEL after examination of the project

Quantity	Profiles	Batch	Print	Colour ends	Report

Date: _____ By: _____

Form: FORM 158_E Date: 20/04/2009 Printed on: maandag 27 november 2013 Version: 4.0 1/2

B

VERARBEITUNGSVORSCHRIFTEN

I. ALLGEMEIN

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

II. VERARBEITUNGSVORSCHRIFTEN CW 60

II.1 FABRICATING INSTRUCTIONS

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

II.1.1 Spanende Bearbeitungen

Mit "spanenden Bearbeitungen" sind alle mechanischen Bearbeitungen wie Sägen, Fräsen, Bohren, Stanzen gemeint. Bei allen mechanischen Bearbeitungen ist auf den Einsatz geeigneter Sägeblätter, Fräser und Bohrer zu achten, damit die Oberfläche nicht durch Grate oder abplatzende Beschichtung beschädigt wird.

Zur Profilbearbeitung geben wir folgende Hinweise:

- Die spanabhebenden Werkzeuge müssen für den Werkstoff geeignet und ausreichend scharf sein.
- Die Maschinendrehzahl muss auf den Werkstoff Aluminium abgestimmt sein.
- Die Profilauflagen müssen sauber und spanfrei sein.
- Zur Verlängerung der Werkzeugstandzeiten können geeignete Gleitmittel, wie der Fettstift Reynalube (Art.-Nr. 086.9191.--), das Reynaers-Schneidmittel (Art.-Nr. 086.9175.--) oder die von den Maschinenlieferanten vorgeschriebenen Kühl- und Schneidmittel eingesetzt werden. Diese Kühl- und Schneidmittel müssen chemisch neutrale Produkte sein, die die Oberfläche nicht angreifen.

Zuschnitt:

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

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

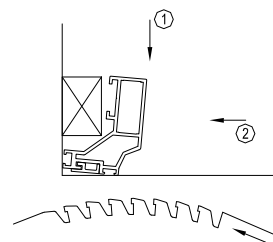
Bezugsseite -> <- Bezugsseite

FALSCH EINSpannung

FEHLER: Da der Hauptdruck der Spannvorrichtung auf die Falzseite des zu sägenden Profils einwirkt, verdreht sich das Werkstück.

FOLGE: Schiefer Sägeschnitt. Die Aussenseite des Profils ist länger als die Innenseite.

ERGEBNIS: Beim Verpressen der Profile ist die Gehrung an der Innenseite dicht, steht aber an der Aussenseite offen.



RICHTIGES SPANNEN

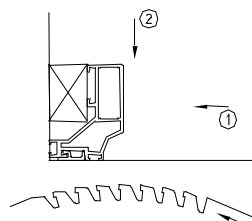
Der Hauptdruck der Spannvorrichtung wirkt auf die gesamte Fläche.

Die Falzseite wird durch eine zweite Spannvorrichtung mit geringerer Kraft gehalten. Durch diese korrekte Einspannung kann sich das Profil beim Sägevorgang nicht verdrehen.

Die Gehrung wird in der Eckverbindermaschine in der gleichen Art und Weise fixiert, so dass eine exakte Verbindung erreicht wird.

Anmerkung:

Es empfiehlt sich, die Späne während des Sägevorganges abzusaugen.



II.1.2 Profilverbindungen und deren Verarbeitung

Allgemeine Anwendung :

Der Anschluß von Riegelprofilen an die Pfostenprofile erfolgt über eine Schraubverbindung. Dabei wird das Riegelprofil unterhalb der wasserführenden Ebene ausgeklinkt und auf der Dichtungsaufnahme des Pfostens mit zwei Edelstahlschrauben befestigt. Das dadurch höher liegende Riegelprofil kann somit kaskadenförmig entwässert werden, ohne den Drainagekanal des Pfostens zu unterbrechen. Im Bereich der Pfosten-Riegelverbindung wird die Dichtungsaufnahme des Pfostens mit einem besonderen EPDM-Dichtstück versehen, welches eine trockene Abdichtung von Riegel zu Pfosten ermöglicht. Der Höhenunterschied der Glasebene, der durch die höher liegenden Riegelprofile entsteht, wird mittels unterschiedlicher Verglasungsdichtungen in den Pfosten- und Riegelprofilen ausgeglichen. Die unterschiedlichen Ansichtsbreiten der Dichtungen werden optisch durch eine L-förmige Lippe der Riegelprofilabdichtung angeglichen.

In Reynaers-Katalogen wird nach 5 Verarbeitungsschritten während der Montage unterschieden:

1. Eckverbindungen
2. T-Verbindungen
3. Längsverbindungen
4. Entwässerung und Vorbereitung für den Beschlageinbau
5. Dichtungseinbau

1.2.1 Eckverbindung von Blendrahmen und Flügel (Füllelemente)

Verfahrensweise:

- a) Zuschneiden, stanzen oder verschrauben.
- b) Schutz der Schnittkanten:
 - Entgraten (falls erforderlich)
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern
 - Entfetten der Profile (REYNAFINISH 60 Art.-Nr. 086.9210.--).
 - Korrosionsschutz (REYNAPROTECTOR Art.-Nr. 086.9206.SY + 095.P200.--) aufbringen; Trockenzeit: ca. 1 Stunde.
- c) Abdichtung: die Schnittflächen mit einer neutralen Dichtungsmasse versehen.
- d) Klebereinsatz: Zweikomponentenkleber (REYNASEAL DUO Art.-Nr. 084.9080.--) einbringen
 - in die Eckwinkelkammer;
 - im Bereich der Glasanschlagwinkel.
- e) Verbinden: die Verbindung der Profilstücke kann durch Verpressen, Versicken, Verstiften oder Verschrauben der Eckwinkel vorgenommen werden.
- f) Ausgetretener Kleber oder Dichtungsmittelreste müssen von den Sichtseiten entfernt werden (REYNAFINISH 60 Art.-Nr. 086.9210.--).

Anmerkung: Es besteht die Möglichkeit, die Eckverbindung erst mechanisch vorzunehmen und den Kleber nachträglich in den Eckwinkelbereich einzubringen

1.2.2 T-Verbinder der Tragstruktur

- a) Zuschneiden, stanzen oder bohren.
- b) Schutz der Schnittkanten:
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten der Profile (REYNAFINISH 60 Art.-Nr. 086.9210.--).
 - Korrosionsschutzprodukt (REYNAPROTECTOR Art.-Nr. 086.9206.SY + 095.P200.--) aufbringen; Trockenzeit: ca. 1 Stunde.
- c) Abdichtung: mittels einer Enddichtung
Bei einer Temperaturdifferenz von 20° auf einem Aluminiumprofil von 1m gibt es einen Längenunterschied von ± 0,5mm. Demzufolge soll ein Pfostenprofil kleiner als 1m nicht notwendig mit einer Enddichtung (Ausstanzung 15mm statt 18mm) versehen werden.
Wenn die Länge der Pfostenprofile aber größer als 1m ist, ist eine Enddichtung notwendig damit Spannungen auf die Profile zu vermeiden.
Bei einer Verarbeitung ohne Enddichtung empfehlen wir die Aussparung mittels einer Ausklingsäge (Ref. 095.B000.00) zu machen damit die Ausführung zu verbessern.
- d) Verbinden mit T-verbinder und festschrauben.
- e) Nach dem Zusammenfügen müssen überschüssige Kleber und Dichtungsmittelreste auf den sichtbaren Seiten entfernt werden (REYNAFINISH 60 Art.-Nr. 086.9210.--).

1.2.3 Längsverbindungen (siehe Seiten 51.f....)

Verfahrensweise :

- a) Zuschneiden und bohren. (min länge = 1000mm)
- b) Schutz der Schnittkanten :
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten (REYNAFINISH 60 Art.-Nr. 086.9210.--)
 - Korrosionsschutzprodukt (REYNAPROTECTOR Art.-Nr. 086.9206.SY + 095.P200.-- aufbringen; Trockenzeit : ca. 1 Stunde
- c) Dichtschnur für Dehnungsprofil (Art.-Nr. 080.9503.04 und 080.9903.04) ins Kopplungsprofil aufbringen.

- d) Verbinden: das Kopplungsprofil soll mit einer Polypolylenfolie versehen werden. Dann werden die Profile zusammengebracht und mit einem elastischen Dichtungsmittel versiegelt. (f.i.: 084.9063.XX)
- e) entwässerung längsverbindungen, siehe 52.F...
- f) Nach dem Zusammenfügen müssen überschüssige kleber und dichtungsmittelreste auf den sichtbaren Seiten entfernt werden (REYNAFINISH 60 Art.-Nr. 086.9210.--).

1.2.4 Entwässerung, Entlüftung und Bearbeitung für den Beschlageinbau

Verfahrensweise:

- Korrekt zuschneiden
- Stanzten, bohren oder fräsen.
- Schutz der Schnittkanten:
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten der Profile (REYNAFINISH 60 Art.-Nr. 086.9210.--).
 - Korrosionsschutzprodukt (REYNAPROTECTOR Art.-Nr. 086.9206.SY + 095.P200.--) aufbringen; Trockenzeit: ca. 1 Stunde.

Insbesondere ist folgendes zu beachten:

- Eventuell eingedrungenes Wasser muss problemlos und kontrolliert abgeleitet werden können. Ein Druckausgleich von Falzbereich und Aussenluft muß gewährleistet sein. (siehe 51.F...)

Bei jedem Rahmen sind grundsätzlich zwei Entwässerungsöffnungen vorzunehmen.

Diese sitzen max. 250 mm aus der Ecke. Bei Rahmenbreiten grösser als 1000 mm ist darüberhinaus pro weitere 500 mm eine zusätzliche Öffnung vorzusehen.

Entwässerung Riegelprofil: (siehe 51.F...)

- Bis 1200mm Abstand zwischen den Pfostenprofile, Entwässerung via Pfostenprofile.
- 1 zentrale Öffnung falls der Abstand zwischen den Pfostenprofile kleiner als 1500mm ist. Wenn der Abstand aber größer als 1500mm ist, dann ist der Maximalabstand zwischen den Entwässerungsöffnungen 500mm. Mann soll ebenso rechnen mit einem Maximalabstand bis zu einer Ecke von 500mm.
- Beim verarbeiten von Butylband im horizontalen Bereich sind zwei Entwässerungslöcher am Ende des Profils vorzusehen.
- Die Mindestoberfläche der Entwässerungsöffnung beträgt 50 mm² pro Öffnung, wobei eine Bohrung von mindestens 8 mm Durchmesser oder ein Schlitz von 5 x 15 mm vorzusehen ist.
- An der Flügel- oder Rahmenoberkante sind mindestens 2 Druckausgleichsöffnungen von mindestens 5 mm Grösse vorzunehmen. Auf diese Weise wird der Druckausgleich im Bereich der Verglasung gewährleistet.
- Die Entwässerungsöffnungen sind grundsätzlich am tiefsten Punkt der Profilkontur anzubringen.

1.2.5 Dichtungen

Alle angebotenen Dichtungsprofile bestehen aus EPDM mit einer hohen Alterungs- und Witterungsbeständigkeit. Die Verarbeitung der Dichtungen hat sorgfältig und entsprechend den folgenden Hinweisen zu erfolgen:

Verglasungsdichtungen

Verfahrensweise :

- Die Verglasungsdichtung wird je nach Erfordernis mit einer speziellen Schere (Art.-Nr. 090.0121.UN) gerade oder auf Gehrung zugeschnitten. Je lfdm. Dichtung ist eine Überlänge von 10 mm hinzuzurechnen.
- Das Einbringen der Dichtung erfolgt in die vorgesehenen Dichtungsaufnahmen. Beim Einbringen der Dichtungen wird der überlange Zuschnitt durch stauchen der Dichtungsprofile kompensiert. Durch Anwendung des Silikonssprays (Art.-Nr. 086.9551.--) wird das Einbringen der Dichtungen besonders erleichtert.
- Die Gehrungs- oder T-Stösse der Dichtungen sollen grundsätzlich mit unserem Vulkanisierkleber (Art.-Nr. 084.9108.--) verklebt werden

II.2 MONTAGEVORSCHRIFTEN

Um der Systemart willen, namentlich die Aufstellung von Cassetten auf eine Tragstruktur, ist die Positionierung der Tragstruktur sowie die Aufstellung von Cassetten auf diese Struktur äußerst wichtig in Anbetracht einer korrekten Verankerung und um eine gute wind- und wasserdichte Fassade zu bekommen. Die Toleranzen sollen auf jeden Fall auf ein Minimum beschränkt werden (Maximalabweichung 1 bis 2 mm im Vergleich mit dem nominalen Außenmaß.)

Die Fassadestruktur darf weder einer statischen noch einer dynamischen Spannung auf die Verglasung ausüben. Die Maximaldurchbiegung unter Einfluss des Windes darf nicht mehr als 1/200 sein mit einem Maximum von 15mm. Die Maximaldurchbiegung des Pfostenprofils unter Einfluss des Eigengewichts der Füllung ist 2mm.

Geneigte und giebelte Fassade

Bei geneigten und gegiebelten Fassaden wird das Glas immer mit einem Aluminiumbutylband (Art. No. 080.9710.04, 080.9711.04 oder 080.9712.04) versehen. Dieser Aluminiumbutylband soll bei einer Temperatur zwischen +5° und +40° verarbeitet werden. Die Oberfläche soll trocken und sauber sein. Bei geneigten Fassaden ist man verpflichtet Sicherheitsglas anzuwenden (siehe Vorschriften des Glaslieferanten). Die Minimalneigung ist 5°, ohne beweglichen Teile.

II.2.1. Befestigung am Baukörper

Die Befestigung am Baukörper erfolgt durch Befestigungsanker. Die Anzahl, die Position sowie die Verankerungsart sollen dafür sorgen, dass die auf das Fassadenelement wirkenden Kräfte an die bauseitige Konstruktionen abgeleitet werden können. Diese Kräfte sind u.a. : Windlast, Eigengewicht, Verkehrslast, Sonnenschutz, Radiatoren, Installationen für Fensterputzer, usw...

Die Verankerung darf auf keinen Fall die Tragfähigkeit der bauseitigen Konstruktionsteile beeinflussen. Die Position sowie die Ausführung der Anker oder anderer Befestigungsmittel sollen dafür sorgen, dass das Element von der Baukonstruktion nicht belastet und verformt werden kann.

Änderungen der Länge, die von Temperaturschwankungen verursacht werden, müssen ungehindert aufgenommen werden können.

Die zulässigen Toleranzen vom Baukörper sollen von der Fassadekonstruktion sowie von den Ankern aufgenommen werden und Wassereintrich oder Luftdurchzug vermeiden.

Deshalb soll die Verankerung genügend Verstellmöglichkeiten haben, um die Einpassung während der Montage noch beeinflussen zu können.

Verankerungen sollen die Funktionstüchtigkeit der beweglichen Teile und des Zubehörs nicht beeinträchtigen.

Bewegungen zwischen dem Baukörper und dem Fassadenelement sollen keine störenden Geräusche verursachen.

Verankerungen können unter Umständen Kältebrücken erzeugen. In diesem Fall muss der Wärmestrom soweit wie möglich gedämmt und verhindert werden. Die mechanische Festigkeit muß immer ausreichend gewährleistet bleiben. Jede Verankerung, wenn nicht aus Aluminium oder Edelstahl, muss wirksam korrosionsschutz sein und darf die Aluminiumprofile nicht beeinträchtigen.

Um die Verbindung zwischen dem Rohbau und der Dichtung 080.9800.04 zu realisieren, benutzen wir eine Abdichtungspasta 084.9104.04 (nicht geeignet für weiches PVC)

II.2.2. Transport

Damit montierte Elemente umzustellen oder zu der Baustelle zu befördern soll man die Elemente verstärken um mögliche Beschädigungen zu vermeiden.

II.2.3. Einbau der Beschläge

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

II.2.4. Einbau der MOTOR

Die Wahl der Motoren für THW und POW hinsichtlich der Flügelabmessungen wird angezeigt in den Kapiteln E und F. Nach den Richtlinien von D+H Mechatronic.

Die technischen Informationen über die Verbindung zwischen den verschiedenen Motoren und den Anschluß auf einem elektrischen Kreis müssen von D+H Mechatronic erhalten werden.

II.3 VERGLASUNG

Das System CW 60 wurde für trockene Verglasung mit EPDM-Dichtungen entwickelt.

Das angewandte System ist das sogenannte Druckausgleichprinzip. Dieses System erlaubt ein bestimmtes Maß an Wassereintritt in die Konstruktion. Das eventuell eingetretene Wasser soll auf kontrollierte Weise über die senkrechten Pfostenprofile oder über die Entwässerungsöffnungen in den horizontalen Abdeck- und Glashalteprofilen abgeführt werden.

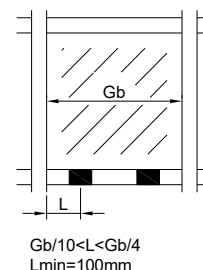
Folgende Punkte sind dabei sehr wichtig :

- die Innendichtung muß möglichst luftdicht sein;
- die Außendichtung soll so ausgeführt werden, dass Wassereintritt in den Falz vermieden wird. Öffnungen in den Ecken müssen vermieden werden.
- Bei der Glasbestellung sollte man eine Toleranz von 10mm bezogen auf das Aluminiumfenster beachten (5mm pro Seite).
- die Glaseinklemmung in der Fassade ist mindestens 13mm und von der Anwendung abhängig. Siehe Andeutung in den Glastafeln.

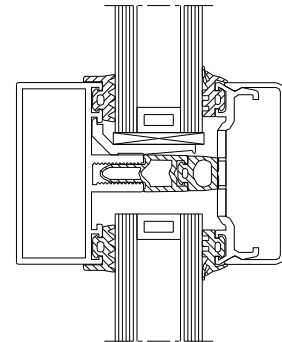
Verglasungsbefestigung.

Das Glaspaneel darf nicht direkt mit Aluminium in Kontakt kommen.

Der Gebrauch von Verglasungsklöten und EPDM-Dichtungen ist unerlässlich. Bei Isolierglas müssen die beiden Einzelscheiben



gleichmäßig unterstützt werden. Die Stützklötze, die von einem Aluminium-Glasauflageprofil unterstützt werden, sollen das Glasgewicht an die Profile ableiten. Diese sollen vorzugsweise in einem Abstand von 0,25 bis 0,1 Mal der Glasbreite (mindestens 100mm) aus der Glasecke heraus positioniert werden. Bezugsmass ist die Mitte der Verglasungsklötze. Der Sicherungsring 073.8203 wird nur als zeitliche Befestigung des Glas angewendet. Nachdem können die Glashalteprofile befestigt werden laut der Spezifikationen. Die Glashalteprofile sind entwickelt worden um die Wind und gewichtbelastung aufzufangen.



Um die Durchbiegung des Riegelprofils unter Einfluß des Glasgewichts zu beschränken, empfehlen wir, die Stützklötze so weit wie möglich in die Glasecken zu setzen. Die vorgenannten Mindestabstände sind einzuhalten. Der Einsatz eines PVC-Entwässerungsprofils in Kombination mit einer Dichtung kann das eingetretene Wasser von der oberen Scheibenkante fernhalten.

Mittels Entwässerungslöcher im Glashalteprofil, gerade über der Dichtung, kann das eingetretene Wasser abgeführt werden. Nach der Glasstellung auf die Tragstruktur können die Glashalteprofile angebracht werden. Die Glashalteprofile werden mittels Schrauben (M6) in einem Schraubkanal auf der Tragstruktur befestigt. Damit dieses System genügend abgedichtet wird, sollen diese Schrauben mit einem Drehmoment von 400 Ncm angezogen werden.

Es ist wichtig die verarbeitungsrichtlinien und Einsatzempfehlungen Ihres Glaslieferanten vor dem Zusammenbau zu überprüfen, damit die Eigenschaften der verschiedenen Arten des Glases erhalten bleiben.

II.4 TECHNISCHE AUSKUNFTE

Es ist wichtig die Stärke sowie die Festigkeit jeder Konstruktion zu berechnen. Zur Information enthält das Teil B dieses Katalogs einige Tafel und Grafiken.

Jede Aluminiumfassade mit einer Höhe größer als 25m der Bodengleiche soll mit einer Erdung versehen werden. Wenn die Profile aber durch eine Ausdehnungsfuge unterbrochen werden sollen sie mit einander verbunden werden (siehe Katalog, teil F, Kapitel Ausdehnung).

II.5 VERARBEITUNG DER SERIE CW 50-STRUCTURAL CLAMPED

II.5.1. DICHTUNGEN

Alle angebotenen Dichtungsprofile bestehen aus EPDM mit einer hohen Alterungs- und Witterungs-beständigkeit. Die Verarbeitung der Dichtungen hat sorgfältig und entsprechend den folgenden Hinweisen zu erfolgen.

Anbringen der Verglasungsdichtungen

Verfahrensweise:

1. Die Verglasungsdichtung wird je nach Erfordernis mit einer speziellen Schere (Art.-Nr. 090.0121.UN) gerade oder auf Gehrung zugeschnitten. Je lfdm. Dichtung ist eine Überlänge von 10 mm hinzuzurechnen.
2. Das Einbringen der Dichtung erfolgt in die vorgesehenen Dichtungsaufnahmen. Beim Einbringen der Dichtungen wird der überlange Zuschnitt durch stauchen der Dichtungsprofile kompensiert. Durch Anwendung des Silikonssprays (Art.-Nr. 086.9551.--) wird das Einbringen der Dichtungen besonders erleichtert.
3. Die Gehrungs- oder T-Stösse der Dichtungen sollen grundsätzlich mit unserem Vulkanisierkleber (Art.-Nr. 084.9108.04) verklebt werden.
 Die Eckstücke werden ebenso an den Enden mit Vulkanisierkleber verklebt.

II.5.2. MONTAGEVORSCHRIFTEN

Um der Systemart willen, namentlich die Aufstellung von Cassetten auf eine Tragstruktur, ist die Positionierung der Tragstruktur sowie die Aufstellung von Cassetten auf diese Struktur äußerst wichtig in Anbetracht einer korrekten Verankerung und um eine gute wind- und wasserdichte Fassade zu bekommen. Die Toleranzen sollen auf jeden Fall auf ein Minimum beschränkt werden (Maximalabweichung 1 bis 2 mm im Vergleich mit dem nominalen Außenmaß.)

Die Fassadestruktur darf weder einer statischen noch einer dynamischen Spannung auf die Verglasung ausüben. Die Maximaldurchbiegung unter Einfluß des Windes darf nicht mehr als 1/200 sein mit ein Maximum von 15mm. Die Maximaldurchbiegung des Pfostenprofils unter Einfluß des Eigengewichts der Füllung ist 2mm.

5.2.1 Befestigung am Baukörper

Die Befestigung am Baukörper erfolgt durch Befestigungsanker. Die Anzahl, die Position sowie die Verankerungsart sollen dafür sorgen, daß die auf das Fassadenelement wirkenden Kräfte an die bauseitige Konstruktionen abgeleitet werden können. Diese Kräfte sind u.a.: Windlast, Eigengewicht, Verkehrslast, Sonnenschutz, Radiatoren, Installationen für Fensterputzer, usw...

Die Verankerung darf auf keinen Fall die Tragfähigkeit der bauseitigen Konstruktionsteile beeinflussen. Die Position sowie die Ausführung der Anker oder anderer Befestigungsmittel sollen dafür sorgen, dass das Element von der Baukonstruktion nicht belastet und verformt werden kann.

Änderungen der Länge, die von Temperaturschwankungen verursacht werden, müssen ungehindert aufgenommen werden können.

Die zulässigen Toleranzen vom Baukörper sollen von der Fassadekonstruktion sowie von den Ankern aufgenommen werden und Wassereintrich oder Luftdurchzug vermeiden.

Deshalb soll die Verankerung genügend Verstellmöglichkeiten haben, um die Einpassung während der Montage noch beeinflussen zu können.

Verankerungen sollen die Funktionstüchtigkeit der beweglichen Teile und des Zubehörs nicht beeinträchtigen.

Bewegungen zwischen dem Baukörper und dem Fassadenelement sollen keine störenden Geräusche verursachen.

Pro Stock oder jede 4m wird eine Ausdehnungsfuge gesehen. Die Ausdehnung in die Höherichtung soll max. 4mm sein.

5.2.2 Einbau der öffnenden Flügel (Füllelemente) und Brüstungselemente

Für die Aufstellung der Flügel auf die Tragstruktur verweisen wir auf den Katalog Seite 52.E....

5.2.3 Einbau der Beschläge

Die Auswahl von Befestigungspunkten, die Anzahl Schließpunkte, die Anzahl Bänder, das Maximalflügelgewicht, die Maximalflügelabmessungen, das angewandte Flügelgewicht, ... hat entsprechend den Vorgaben des Systemlieferanten bzw. des Herstellers der Beschläge zu erfolgen. Gleitende sowie bewegliche Unterteile sollen mit säurefreiem Fett versehen werden. Eine Funktionsprüfung der Beschläge ist nach erfolgter Fertigung und Montage unerlässlich.

Für spezifische Einbaudetails verweisen wir auf den Katalog Seite 51.F....

II.5.3. VERGLASUNG

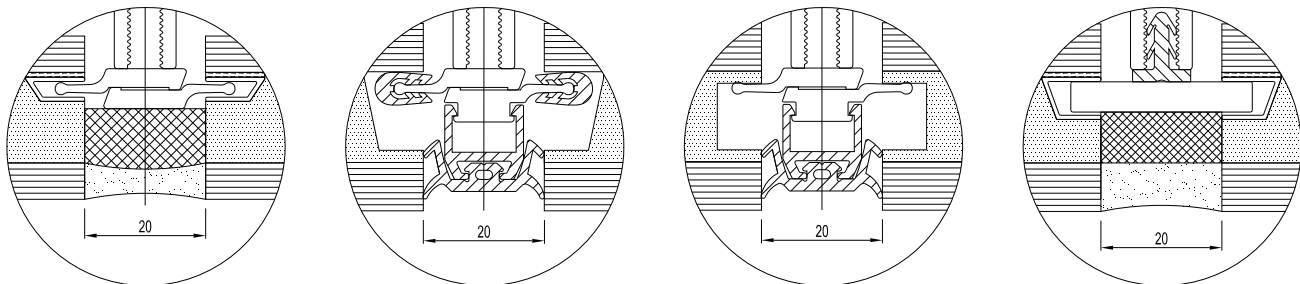
5.3.1 Allgemein

Das System CW 60 ist die Basis des Glasfassadensystems CW 60-SC. Dieses CW 60-SC System ist eine Aufstellungsweise für die Anfertigung von vollständig ebenen Dächern und Fassaden. Eine Serie von Klemmprofilen, die in die Schraubkanäle der Tragstruktur verschraubt werden, drücken die Glasscheibe gegen die auf dem Aluminiumfenster befestigten EPDM-Dichtungen. Dies ist möglich mittels einer Aussparung die in die Montagefuge für Doppelverglasung gesehen wird.

(Patent Doppelverglasung mit U-Profil Glaverbel. Wenn von anderen Unternehmen geliefert, ist die Genehmigung vom Technischen Direktor von Reynaers Aluminium notwendig).

Diese Aussparung kann in 3 verschiedene Typen ausgeführt werden : mittels eines U-förmigen Profils das während der Herstellung gesehen wird, mittels einer freien Innenglasplatte damit die Einklemmung kombiniert werden kann mit der auf dem Glashalteprofil montierten EPDM Dichtung oder mittels einer Silikonwand auf der Innenglasplatte damit die Einklemmung auf die Silikonwand möglich ist.

Wenn die Spalten zwischen den Glaspaneelen mit Silikon gefüllt werden, ist es möglich ein Dach mit einer Neigung von 7° zu machen (ETAG 002).



a. Unterstützung des Eigengewichts :

Das Eigengewicht der zwei Glasscheiben soll mittels Silikonklötze unterstützt werden (min. shore A75 auf 20°C). Für jede Glasscheibe soll man 2 Stützklötze auf 50 mm aus den Ecken anbringen. Die Länge (mm) der Stützklötze wird wie folgt berechnet :

$$L = \frac{S \times 250}{R}$$

L = Länge des Stützklotzes (mm)

S = Glasoberfläche (m²)

R = zulässiger Druck auf den Stützklotz (N/cm²)

(polymerisierte Silikonen Shore A80 : R = 9 N/cm²).

Wenn es sich um ein Dach handelt soll L mit dem Sinus α multipliziert werden (α = Neigungswinkel vom Dach im Vergleich mit der waagerechten Ebene). Mindestens die Hälfte der Dicke der Außenglasscheibe soll unterstützt werden. Falls Verbundglas soll mindestens die Hälfte der äußersten Glasscheibe unterstützt sein. Die PVB-Schichten sind doch nicht entwickelt um eine kontinuierliche Scherbelastung aufzufangen. Die Isolierverglasung wird mittels Silikonen zusammengefügt und ist Teil einer technischen Genehmigung.

Terminologie:

D1 = dicke der Außenglasscheibe

De = breite des Falzverkleinungsprofils min. 15 mm

D2 = dicke der Innenglasscheibe: min. 6 mm

l = höhe des U-Profils = 10 mm

r = höhe der strukturellen Fuge

e = höhe des Falzverkleinungsprofils

h = l + r + e

d1 + de + d2 max. 40 mm

Anmerkung: die Ränder der Außenglasscheibe sind geschliffen. Die Ränder der Innenglasscheibe sind normal bearbeitet wenn nicht anders bestellt.

b) Fertigungsmöglichkeiten:

Die Toleranz auf die Glasmaße ist ± 2 mm.

Für die Außenglasscheibe kann Floatglas, halberhärtetes Glas, Hartglas sowie Verbundglas angewandt werden.

Für die Innenglasscheibe darf aber niemals vollständig Hartglas angewandt werden. Für Glas mit erhöhtem Bruchwiderstand kann nur halberhärtetes Glas für die Innenglasscheibe angewandt werden, mit Ausnahme der Paneele die nicht von der Innenseite des Gebäudes zugänglich sind, das 'Geländer' ohne Impaktrisiko.

Für die Innenglasscheibe kann ebenso Verbundglas angewandt werden. Die Abdichtung der Fugen

Zwischen den Glasscheiben wird mittels elastischen Silikons realisiert (Dow Corning: DC 791 oder Sika: WS 605 oder Tremco: Proglaze LMA), zu kunststoff profil 034.0184.04 oder diese Fuge garantiert Eine einwandfreie Luft- und Wasserdichtigkeit. Damit bei öffnenden Teilen am Glasrand ein einheitlicher Farbaspekt erzielt wird, soll die Rückseite des Glasüberhangs mit Silikon versehen Werden

c) Vereinbarkeit mit umliegenden Materialien:

Alle umliegenden Materialien müssen vereinbar sein. Diese Vereinbarkeit soll vom Glasinstallateur

überprüft werden. Für jeden neuen Auftrag soll er mit dem Glasproduzenten Kontakt aufnehmen, um zu wissen, welches Silikon als Füllstoff für das Doppelglas angewandt wurde.

Weiter sollen die Richtlinien sowie die Empfehlungen des Glasherstellers strikt befolgt werden.

d) Brüstungsfüllungen und öffnende Teile:

Brüstungsfüllungen mit Einfachverglasungen sowie Senkkloppfenster mit Scheren sind ebenso möglich. Hierfür wurden Profile mit gleichem Detail wie das U-Profil zwischen der Doppelverglasung entwickelt. In diesem Fall soll das Glas auf ein dafür entwickeltes Verklebungsprofil 034.1116.17 SG verklebt werden.

Vgl. die Vorschriften für diese Bearbeitung: siehe Kapitel II.5.3.3

5.3.2 Bestellung profile

Für jedes CW50-SC-Objekt führt die technische Abteilung von Reynaers Aluminium Duffel eine Untersuchung durch. Auf dieser Grundlage kann eine Genehmigung für die Lieferung der notwendigen Profile erteilt werden. Diese Untersuchung stützt sich auf ein ausgefülltes Antragsformular Typ 'Form 158', wovon ein Muster- Exemplar sich in der Anlage befindet. Dieses Formular muss zur Technischen Abteilung von Reynaers Aluminium Duffel geschickt werden, wonach die Untersuchung gestartet werden kann.

5.3.3 Strukturelle Verklebung

a. Strukturelle Verklebung: zu berücksichtigen Punkte

• Struktureller Klebstoff zu benutzen = Dow corning: DC993 oder Sika: SG500 oder Tremco: VEC 99/Proglaze II (oder andere Silikonen angegeben in ETA)

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

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

• Reinigungsmittel zu benutzen für Verklebungsprofil 034.1116.17

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

• Mögliche Verglasungen

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

Min. Glasdicke 27 Max. Glasdicke 40.

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

• Unterstützung für Eigengewicht

Dieses System darf nur eingesetzt werden unter der Bedingung, dass beide Glasplatten für Eigengewicht unterstützt sind, so dass die Leimfuge nicht einer kontinuierlichen Scherbelastung unter Einfluss des Eigengewichtes ausgesetzt ist. Konkret heißt das, dass mindestens die Hälfte der äußeren Glasplatte unterstützt sein muss. Im Fall von geschichteter Verglasung muss mindestens die Hälfte der meist äußeren Glasplatte halb unterstützt sein: z.B. für geschichtete Verglasung Typ 44.2 mit einer Gesamtdicke von ungefähr 8,8 mm muss mindestens 7,8 mm unterstützt sein. Die PVB Schichten sind doch nicht entwickelt um eine kontinuierliche Scherbelastung aufzufangen.

• Vereinbarkeit umliegende Materialien mit dem strukturellen Klebstoff

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

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

• Distanzstück

Die Dichtung 080.9300.4, 080.9301.04, 080.9303.04 wird in diesem System als Distanzstück zwischen dem Verklebungsprofil und dem Glas eingesetzt. Diese Dichtung versichert folglich, dass das Glas überall genau ebenso weit vom Verklebungsprofil entfernt ist (6,4 mm). Die Dicke der strukturellen Fuge ist folglich konstant. Wie oben schon gemeldet, ist selbstverständlich auch diese Dichtung auf Vereinbarkeit mit dem strukturellen Klebstoff getestet.

• Glasauflagen

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

• Verklebungsfirmen

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

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

b. Bestellung Verklebungsprofile 034.1116.17

Für jedes Objekt, für das das Profil CW60-SC angewandt wird, führt die technische Abteilung von Reynaers Aluminium Duffel eine Untersuchung durch. Auf dieser Grundlage kann eine Genehmigung erteilt werden, die für die Lieferung der Verklebungsprofile notwendig ist. Diese Untersuchung stützt sich auf ein vollständig ausgefülltes Antragsformular (Typ Form 158 oder digitale Anwendung). Diese Untersuchung kann in folgende 3 Teile aufgeteilt werden.

• Kontrolle Abmessungen strukturelle Fuge

Auf der Grundlage der Windbelastung (Höchstwindbelastung mit Rückkehrperiode von 10 Jahren), der Elementabmessungen und der Glaszusammensetzung wird geprüft, ob die klassische Höhe der strukturellen Fuge (= 15.5 mm) reicht um diese Windbelastung aufzufangen. Weiter muß auch kontrolliert werden, ob die Dicke der strukturellen

Fuge (klassisch 6,4 mm) reicht um den Unterschied in Wärmeausdehnung zwischen Glas und Aluminium aufzufangen. Auch wird bei Dow Corning eine Bestätigung dieser Berechnungen gefragt.

• Kontrolle Elementabmessungen

Für aufgehende Teile wird geprüft, ob die vorgeschlagenen Elementabmessungen und das Elementgewicht realisiert werden können mit den Scheren in unserer Produktpalette. Wir beziehen uns hierfür auch auf die Diagramme für zulässige Abmessungen weiter im Katalog. Für feste Teile wird hauptsächlich eine Gewichtskontrolle ausgeführt (neben selbstverständlich der Kontrolle der

Fugenabmessungen selbst - siehe ersten Punkt). Bei Einsetzung von 2 Glasauflagen mit einer Breite von 100 mm, was verpflichtet ist, muß das gesamte Elementgewicht auf 180 kg beschränkt bleiben.

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

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

• Spezifische Anwendungen

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

Nach Genehmigung des Objektes wird für die betreffende Partie vom Verklebungsprofil 034.1116.17 die Verklebungsvorschrift von Dow Corning zur Kunde geschickt.

Anlage: FORM 158

II.6 VERARBEITUNG DER SERIE CW 50-STRUCTURAL GLAZING (CW 50-SG)

II.6.1. Das Einbringen der structurelle dichtbahn

Das Einbringen der Structurelle Dichtung erfolgt in die vorgesehenen Dichtungsaufnahmen. Beim Einbringen der Dichtungen wird der überlange Zuschnitt durch stauchen der Dichtungsprofile kompensiert. Durch Anwendung des Silikonssprays (Art.-Nr. 086.9551.--) wird das Einbringen der Dichtungen besonders erleichtert. Die Schnittflächen sollen grundsätzlich mit unserem Vulkanisierkleber (Art.-Nr. 084.9108.04) verklebt werden.

II.6.2. Montagevorschriften

Um der Systemart willen, namentlich die Aufstellung von Cassetten auf eine Tragstruktur, ist die Positionierung der Tragstruktur sowie die Aufstellung von Cassetten auf diese Struktur äußerst wichtig in Anbetracht einer korrekten Verankerung und um eine gute wind- und wasserdichte Fassade zu bekommen. Die Toleranzen sollen auf jeden Fall auf ein Minimum beschränkt werden (Maximalabweichung 1 bis 2 mm im Vergleich mit dem nominalen Außenmaß). Die Fassadestruktur darf weder einer statischen noch einer dynamischen Spannung auf die Verglasung ausüben. Die Maximaldurchbiegung unter Einfluß des Windes darf nicht mehr als 1/200 sein mit ein Maximum von 15mm. Die Maximaldurchbiegung des Pfostenprofils unter Einfluß des Eigengewichts der Füllung ist 2mm.

6.2.1 Befestigung am Baukörper

Die Befestigung am Baukörper erfolgt durch Befestigungsanker. Die Anzahl, die Position sowie die Verankerungsart sollen dafür sorgen, daß die auf das Fassadenelement wirkenden Kräfte an die bauseitige Konstruktionen abgeleitet werden können. Diese Kräfte sind u.a.: Windlast, Eigengewicht, Verkehrslast, Sonnenschutz, Radiatoren, Installationen für Fensterputzer, usw...

Die Verankerung darf auf keinen Fall die Tragfähigkeit der bauseitigen Konstruktionsteile beeinflussen. Die Position sowie die Ausführung der Anker oder anderer Befestigungsmittel sollen dafür sorgen, dass das Element von der Baukonstruktion nicht belastet und verformt werden kann.

Änderungen der Länge, die von Temperaturschwankungen verursacht werden, müssen ungehindert aufgenommen werden können. Die zulässigen Toleranzen vom Baukörper sollen von der Fassadestruktur sowie von den Ankern aufgenommen werden und Wassereintrich oder Luftdurchzug vermeiden. Deshalb soll die Verankerung genügend Verstellmöglichkeiten haben, um die Einpassung während der Montage noch beeinflussen zu können. Verankerungen sollen die Funktionstüchtigkeit der beweglichen Teile und des Zubehörs nicht beeinträchtigen.

Bewegungen zwischen dem Baukörper und dem Fassadenelement sollen keine störenden Geräusche verursachen.

Pro Stock oder jede 4m wird eine Ausdehnungsfuge gesehen. Die Ausdehnung in die Höherichtung soll max. 4mm sein.

6.2.2 Einbau der öffnenden Flügel (Füllelemente) und Brüstungselemente

Für die Aufstellung der Flügel auf die Tragstruktur verweisen wir auf den Katalog Seite 52.E....

6.2.3 Einbau der Beschläge

Die Auswahl von Befestigungspunkten, die Anzahl Schließpunkte, die Anzahl Bänder, das Maximalflügelgewicht, die Maximalflügelabmessungen, das angewandte Flügelgewicht, ... hat entsprechend den Vorgaben des Systemlieferanten bzw. des Herstellers der Beschläge zu erfolgen. Gleitende sowie bewegliche Unterteile sollen mit säurefreiem Fett versehen werden. Eine Funktionsprüfung der Beschläge ist nach erfolgter Fertigung und Montage unerlässlich.

Für spezifische Einbaudetails verweisen wir auf den Katalog Seite 51.F....

II.6.3. CW 50-Structural Glazing

6.3.1 Allgemein

Das System CW 60 ist die Basis des Glasfassadensystems CW 60-SG. Dieses CW 60-SG System ist eine Aufstellungsweise für die Anfertigung von vollständig ebenen Dächern und Fassaden. Eine Serie von Klemmprofilen, die in die Schraubkanäle der Tragstruktur verschraubt werden, drücken die Blendrahmen gegen die auf dem Aluminiumfenster befestigten EPDM-Dichtungen. Dies ist möglich dank der U-Form im alu Blendrahmen

6.3.2 Bestellung Profile

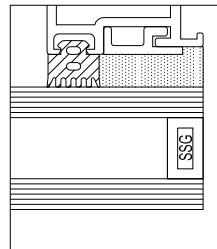
Für jedes CW60-SG Objekt führt die technische Abteilung von Reynaers Aluminium Duffel eine Untersuchung durch. Auf dieser Grundlage kann eine Genehmigung für die Lieferung der notwendigen Profile erteilt werden. Diese Untersuchung stützt sich auf ein ausgefülltes Antragsformular Typ 'FORM 158', wovon ein Muster- Exemplar sich in der Anlage befindet. Dieses Formular muss zur Technischen Abteilung von Reynaers Aluminium Duffel geschickt werden, wonach die Untersuchung gestartet werden kann.

6.3.3 Strukturelle Verklebung

a. Strukturelle Verklebung: zu berücksichtigen Punkte

- Struktureller Klebstoff zu benutzen = Dow corning:DC993 oder Sika: SG500 oder Tremco: VEC 99/Proglaze II (oder andere Silikonen angegeben in ETA)

Nur für den strukturellen Klebstoff DC 993 /SG500/VEC 99/Proglaze II sind die im EOTA-Führer für strukturelle Verglasungssysteme Beschriebenen Adhäsionsprüfungen und Vereinbarkeitsprüfungen mit den umliegenden Materialien ausgeführt. Für jede neue Partie von Verklebungsprofil werden bei Dow Corning / Sika / Tremco beschleunigte Adhäsionsprüfungen (sogenannte "Peeltests"), genauso wie die Anoprüfungen ausgeführt. Auf der Grundlage der Ergebnisse dieser Prüfungen wird eine Verklebungsvorschrift für diese Partie des Verklebungsprofils aufgestellt (Nr. DC XXXXX), in der gemeldet wird, dass die Profile für strukturelle Benutzung genehmigt sind. Es ist wichtig zu bemerken, dass diese Vorschrift nur 6 Monate gültig ist. Eine Erneuerung der Vorschrift kann bekommen werden wenn man nach 6 Monaten die obigen Tests aufs Neue ausführen lässt.



- Reinigungsmittel zu benutzen für Verklebungsprofil 034.1116.17

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

- Mögliche Verglasungen

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

Min. Glasdicke 24 Max. Glasdicke 36.

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

- Unterstützung für Eigengewicht

Dieses System darf nur eingesetzt werden unter der Bedingung, dass beide Glasplatten für Eigengewicht unterstützt sind, so dass die Leimfuge nicht einer kontinuierlichen Scherbelastung unter Einfluss des Eigengewichtes ausgesetzt ist. Konkret heißt das, dass mindestens die Hälfte der äußeren Glasplatte unterstützt sein muss. Im Fall von geschichteter Verglasung muss mindestens die Hälfte der meist äußeren Glasplatte halb unterstützt sein: z.B. für geschichtete Verglasung Typ 44.2 mit einer Gesamtdicke von ungefähr 8,8 mm muss mindestens 7,8 mm unterstützt sein. Die PVB Schichten sind doch nicht entwickelt um eine kontinuierliche Scherbelastung aufzufangen.

- Vereinbarkeit umliegende Materialien mit dem strukturellen Klebstoff

Alle umringenden Materialien der strukturellen Fuge müssen mit dem strukturellen Klebstoff vereinbar sein. Die Materialien des Systems wie in diesem Katalog beschrieben, sind selbstverständlich auf ihre Vereinbarkeit mit dem strukturellen Klebstoff getestet, auch die benutzten EPDM-Dichtungen.
Wenn aber andere Materialien im System eingesetzt werden, müssen die notwendigen Vereinbarkeitszeugnisse vorgelegt werden können.

• Distanzstück

Die Dichtung 080.9300.4, 080.9301.04, 080.9303.04 wird in diesem System als Distanzstück zwischen dem Verklebungsprofil und dem Glas eingesetzt. Diese Dichtung versichert folglich, dass das Glas überall genau ebenso weit vom Verklebungsprofil entfernt ist (6,4 mm). Die Dicke der strukturellen Fuge ist folglich konstant. Wie oben schon gemeldet, ist selbstverständlich auch diese Dichtung auf Vereinbarkeit mit dem strukturellen Klebstoff getestet.

• Glasauflagen

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

• Verklebungsfirmen

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

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

b. Bestellung Verklebungsprofile 034.1116.17

Für jedes Objekt, für das das Profil CW60-SC angewandt wird, führt die technische Abteilung von Reynaers Aluminium Duffel eine Untersuchung durch. Auf dieser Grundlage kann eine Genehmigung erteilt werden, die für die Lieferung der Verklebungsprofile notwendig ist. Diese Untersuchung stützt sich auf ein vollständig ausgefülltes Antragsformular (Typ Form 158 oder digitale Anwendung). Diese Untersuchung kann in folgende 3 Teile aufgeteilt werden.

• Kontrolle Abmessungen strukturelle Fuge

Auf der Grundlage der Windbelastung (Höchstwindbelastung mit Rückkehrperiode von 10 Jahren), der Elementabmessungen und der Glaszusammensetzung wird geprüft, ob die klassische Höhe der strukturellen Fuge (= 15,5 mm) reicht um diese Windbelastung aufzufangen. Weiter muß auch kontrolliert werden, ob die Dicke der strukturellen Fuge (klassisch 6,4 mm) reicht um den Unterschied in Wärmeausdehnung zwischen Glas und Aluminium aufzufangen. Auch wird bei Dow Corning eine Bestätigung dieser Berechnungen gefragt.

• Kontrolle Elementabmessungen

Für aufgehende Teile wird geprüft, ob die vorgeschlagenen Elementabmessungen und das Elementgewicht realisiert werden können mit den Scheren in unserer Produktpalette. Wir beziehen uns hierfür auch auf die Diagramme für zulässige Abmessungen weiter im Katalog. Für feste Teile wird hauptsächlich eine Gewichtskontrolle ausgeführt (neben selbstverständlich der Kontrolle der

Fugenabmessungen selbst - siehe ersten Punkt). Bei Einsetzung von 2 Glasauflagen mit einer Breite von 100 mm, was verpflichtet ist, muß das gesamte Elementgewicht auf 180 kg beschränkt bleiben.

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

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

• Spezifische Anwendungen

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

Nach Genehmigung des Objektes wird für die betreffende Partie vom Verklebungsprofil 034.1116.17 die Verklebungsvorschrift von Dow Corning zur Kunde geschickt.

Anlage: FORM 158 -> INTRANET

STRUKTURELLE VERMEIMINGSPROJECTE
NACH ETAG 002

REYNAERS ALUMINIUM NV/SA

Oude Liersbaan 266 • B-2570 Duffel
t +32 15 30 85 00 • f +32 15 30 86 00
www.reynaers.com • info@reynaers.com



Bitte schicken Sie dieses Dokument an R&D von Reynaers Aluminium N.V. zurück sowie Ihre Bestellung an unsere Verkaufsabteilung.

Projektname: _____
Anschrift der Baustelle: _____
Land: _____
Firma und Kontaktperson: _____

System	Profil	Länge	Anzahl
☐ CW 50 – Top Hung / POW	034.1116.17 5G	7m	
☐ CW 50 – Turn & Tilt	034.1116.17 5G	7m	
☐ CW 50-SG	034.1116.17 5G	7m	
☐ CW 50-SC	034.1116.17 5G	7m	
☐ CW 60	034.1116.17 5G	7m	
☐ CW 86	028.2030.17 5G	7m	
	028.2031.17 5G	7m	
	007.0161.17 5G	6m	
☐ CW 65-EF/SG	007.0220.17 5G	7m	
	007.0230.17 5G	7m	

Projektoberfläche: _____ m²
Maximalpanelabmessungen: Breite x Höhe: _____ x _____ mm
Glazusammenstellung: Innen _____ mm x Luftschicht _____ mm x Außen _____ mm
Höchstwinddruck: _____ Pa (Belastung, Rückkehrperiode 10 Jahre, einschl. lokale Druckparameter)

Eckdetails: ☐ Ja → ☐ Kataloglösung
☐ Spezifische Lösung -> Zeichn. anbei
☐ Nein

Facetten Fassade: ☐ Ja → Ecke zwischen 2 Facetten = _____ °
☐ Nein

Vertikale Fassade: ☐ Ja
☐ Nein → Ecke β hinsichtlich der senkrechten Ebene = _____ °

Zeichnungen: _____ Schnitte/Ansichten anbei

Verleimungsfirma: _____
Anschrift: _____

Genehmigungsnummer für Strukturelle Verleimung nach ETAG, von einer notifizierten Instanz gegeben: _____

Silikonlieferant: _____ Typ _____
Verleimungsfirma vom Silikonlieferanten genehmigt: ☐ Ja ☐ Nein

TECHNISCHE GENEHMIGUNG

Durch R&D von Reynaers Aluminium Duffel, nach Untersuchung des Projekts auszufüllen

Anzahl	Profil	Batch	Print	Farbe Prof. Endes	Rapport

Datum: _____ Von: _____

Form: FORM 158_E

Date: 20/04/2009
Printed on: maandag 23 november 2013

Version: 4.0

1/2

III. TECHNICAL INFORMATION

III.1 Uf VALUES

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



III. TECHNICAL INFORMATION

III.1 Uf VALUES

U _f	Suspension profiles: Um	034.1621	034.1622	034.1624	034.1625	034.1626	034.1627	034.1628	034.1629	034.1630	034.1631
EN 10077-2	Fixed glazing: Glass thickness (mm)	pressure plate and face cap: 034.3634 + 034.0637									
	24	2.37	2.40	2.42	2.45	2.47	2.50	2.52	2.55	2.57	2.60
	28	2.14	2.16	2.19	2.21	2.23	2.25	2.27	2.29	2.31	2.33
	32	2.00	2.01	2.03	2.05	2.06	2.08	2.10	2.11	2.13	2.15
	36										

III.2 FLUSH ROOF VENT

For Flush roof vent dimensions and construction see pages F. ...

Flush roof vent will be available as Smoke Ventilation solution as from Q1 2011.

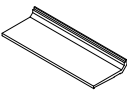
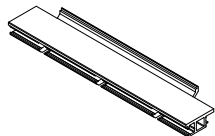
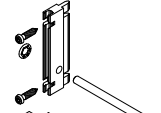
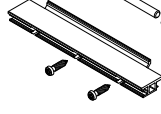
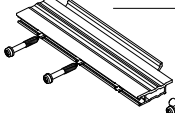
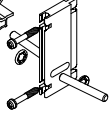
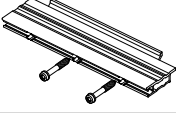
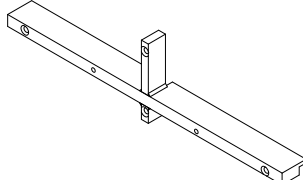
III.3 FALL TROUGH PROTECTION

Resistance against intermittent load: impact height 700mm according EN 12600.

The distance between floor and fall trough protection is country depending.

III.4 GLASS SUPPORTS

III.4.1 GLASS SUPPORTS CW50

MAX. 		ARTIKELNUMMER NUMERO DE L'ARTICLE ARTICLE NUMBER ARTIKEL NUMMER
150 KG.(*) PER GLASPANEEL PAR VITRAGE PER GLASS PANEL PRO FÜLLUNG		073.8207.00 073.8208.00 073.8209.00 073.8212.00 073.8213.00
		073.7260.00 073.7491.00 073.7492.00 073.7493.00 073.7494.00 073.7496.00 073.7498.00
450 KG.(*) PER GLASPANEEL - RECHTE GEVEL PAR VITRAGE - FACADE DROITE PER GLASS PANEL - STRAIGHT FACADE PRO FÜLLUNG - GERADE FASSADE	  	073.7260.00 073.7491.00 073.7492.00 073.7493.00 073.7494.00 073.7496.00 073.7498.00 073.7220.00 073.7471.00 073.7472.00
350 KG.(*) PER GLASPANEEL - GEBOGEN GEVEL PAR VITRAGE - FACADE OBLIQUE PER GLASS PANEL - SLOPED FACADE PRO FÜLLUNG - GEBOGENEN FASSADE	  	073.7491.00 073.7492.00 073.7493.00 073.7494.00 073.7472.00 073.7473.00 073.7474.00
450 KG.(*) PER GLASPANEEL PAR VITRAGE PER GLASS PANEL PRO FÜLLUNG		073.7101.-- 073.7111.-- 073.7121.-- 073.7104.-- 073.7114.-- 073.7124.--

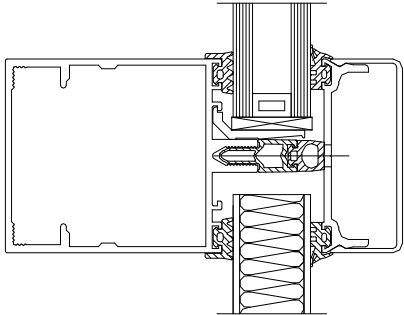
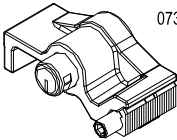
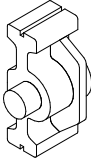
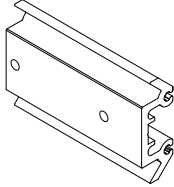
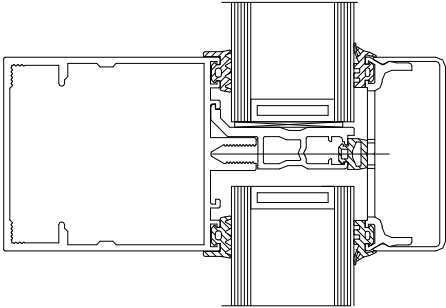
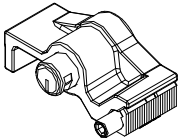
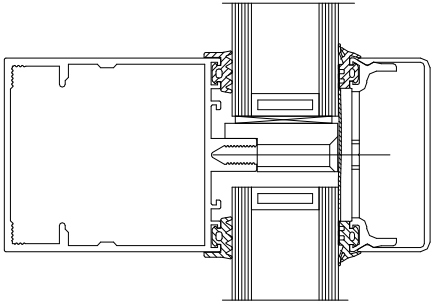
* VOOR EXACTE GEGEVENS VAN HET GLASGEWICHT IN COMBINATIE MET DRUK : ZIE BEREKENINGEN MAX. GLASGEWICHTEN P. : 52.B.---

* POUR LES DONNÉES EXACTES DU POIDS DE VITRAGE EN COMBINAISON AVEC LA PRESSION : VOIR CALCULS POIDS DE VITRAGE MAX. P. : 52.B.---

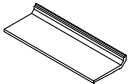
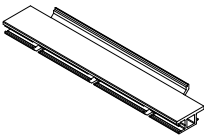
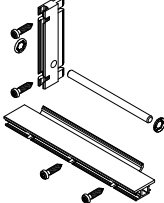
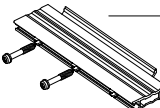
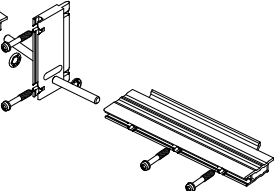
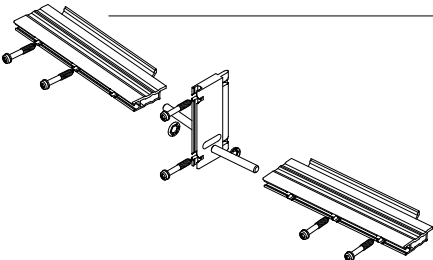
* FOR EXACT DATA ON THE GLASS WEIGHT IN COMBINATION WITH PRESSURE : SEE CALCULATIONS ON MAX. GLASS WEIGHTS P. : 52.B.---

* FUER DIE GENAUEN DATEN DES GLASGEWICHTS IN KOMBINATION MIT DRUCK : SIEHE BERECHNUNGEN MAXIMALGLASGEWICHTE P. : 52.B.---

B

DOORSNEDEN COUPES SECTIONS SCHNITTE	T-VERBINDERS JONCTIONS-T T-BRACKETS T-VERBINDER
	 073.7505.00  021.0283.00  073.7510.00 073.7511.00 073.7512.00 073.7513.00 073.7514.00 073.7515.00 073.7516.00
	 073.7505.00
	

III.4.2 GLASS SUPPORTS CW50-SC

MAX. 		ARTIKELNUMMER NUMERO DE L'ARTICLE ARTICLE NUMBER ARTIKEL NUMBER
150 KG.(*) PER GLASPANEEL PAR VITRAGE PER GLASS PANEL PRO FÜLLUNG		073.8207.00 073.8208.00 073.8209.00 073.8212.00 073.8213.00
		073.7260.00 073.7491.00 073.7492.00 073.7493.00 073.7494.00 073.7496.00 073.7498.00
450 KG.(*) PER GLASPANEEL - RECHTE GEVEL PAR VITRAGE - FACADE DROITE PER GLASS PANEL - STRAIGHT FACADE PRO FÜLLUNG - GERADE FASSADE	 	073.7260.00 073.7491.00 073.7492.00 073.7493.00 073.7494.00 073.7496.00 073.7498.00 073.7220.00 073.7471.00 073.7472.00
	 	073.7491.00 073.7492.00 073.7493.00 073.7494.00 073.7472.00 073.7473.00 073.7474.00
350 KG.(*) PER GLASPANEEL - GEBOGEN GEVEL PAR VITRAGE - FACADE OBLIQUE PER GLASS PANEL - SLOPED FACADE PRO FÜLLUNG - GEBOGENEN FASSADE		

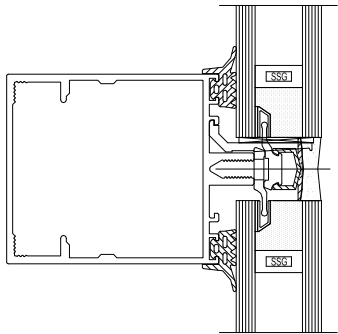
* VOOR EXACTE GEGEVENS VAN HET GLASGEWICHT IN COMBINATIE MET DRUK : ZIE BEREKENINGEN MAX. GLASGEWICHTEN P. : 52.B.--

* POUR LES DONNÉES EXACTES DU POIDS DE VITRAGE EN COMBINAISON AVEC LA PRESSION : VOIR CALCULS POIDS DE VITRAGE MAX. P. : 52.B.--

* FOR EXACT DATA ON THE GLASS WEIGHT IN COMBINATION WITH PRESSURE : SEE CALCULATIONS ON MAX. GLASS WEIGHTS P. : 52.B.--

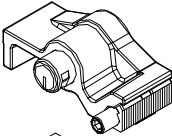
* FÜR DIE GENAUEN DATEN DES GLASGEWICHTS IN KOMBINATION MIT DRUCK : SIEHE BERECHNUNGEN MAXIMALGLASGEWICHTE P. : 52.B.--

DOORSNEDEN
COUPES
SECTIONS
SCHNITTE

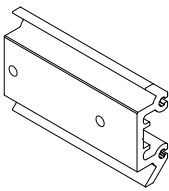
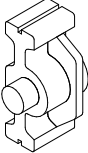


T-VERBINDERS
JUNCTIONS-T
T-BRACKETS
T-VERBINDER

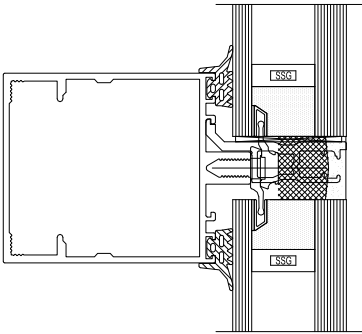
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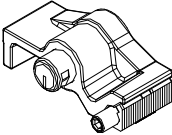
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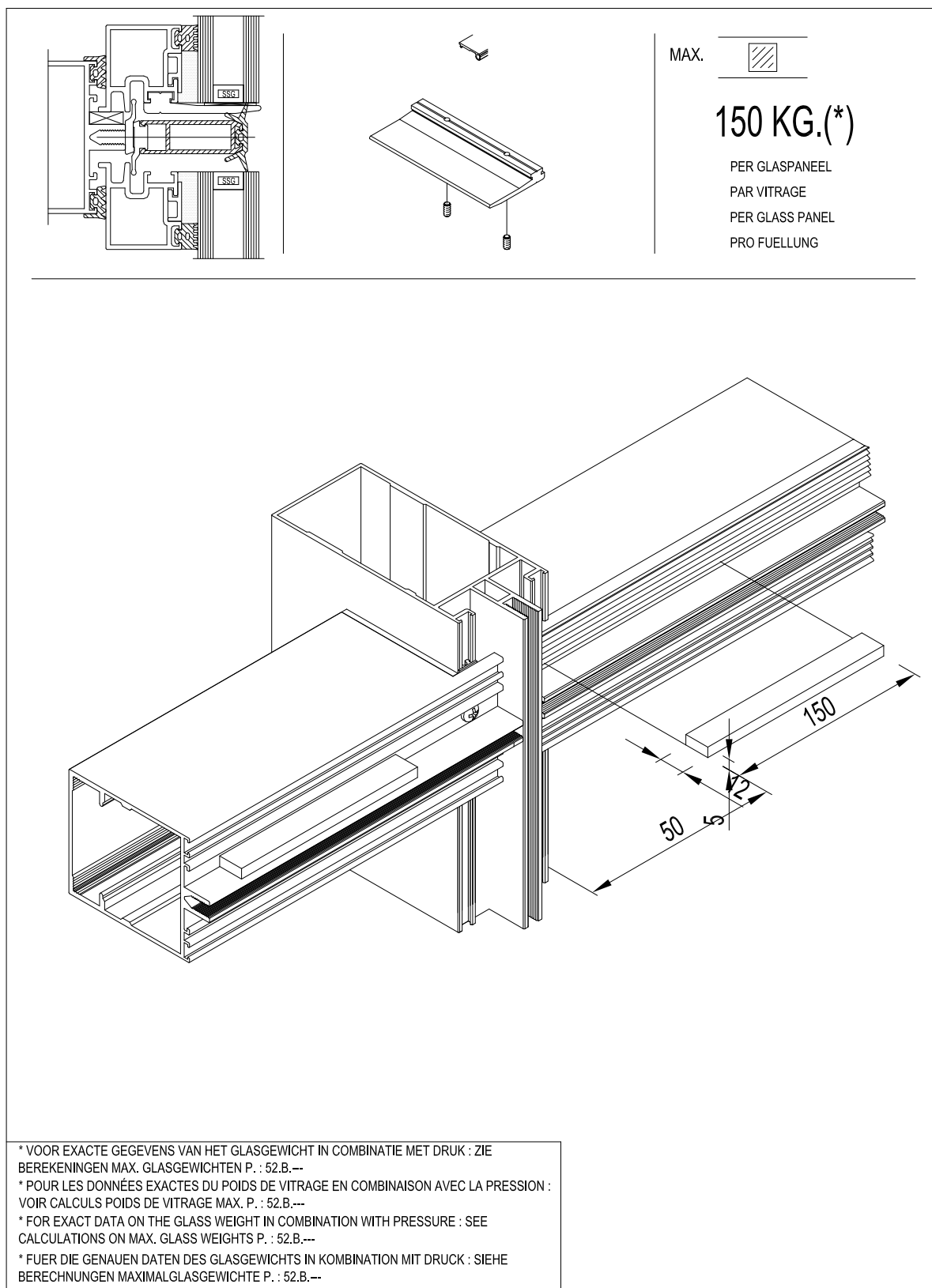
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073.7516.00



073.7505.00



III.4.3 GLASS SUPPORTS CW50-SG

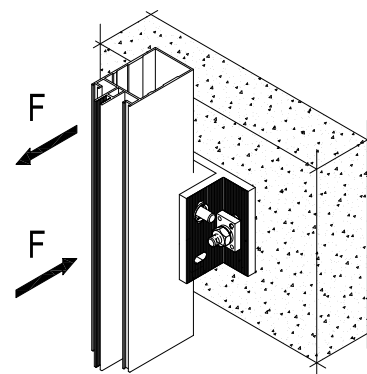


III.5 ANCHORING

III.5.1 INTERMEDIATE ANCHORS CW 60

III.5.1.1 Loose intermediate anchor

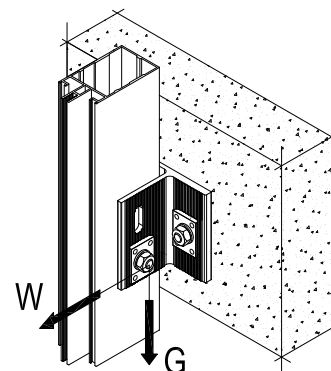
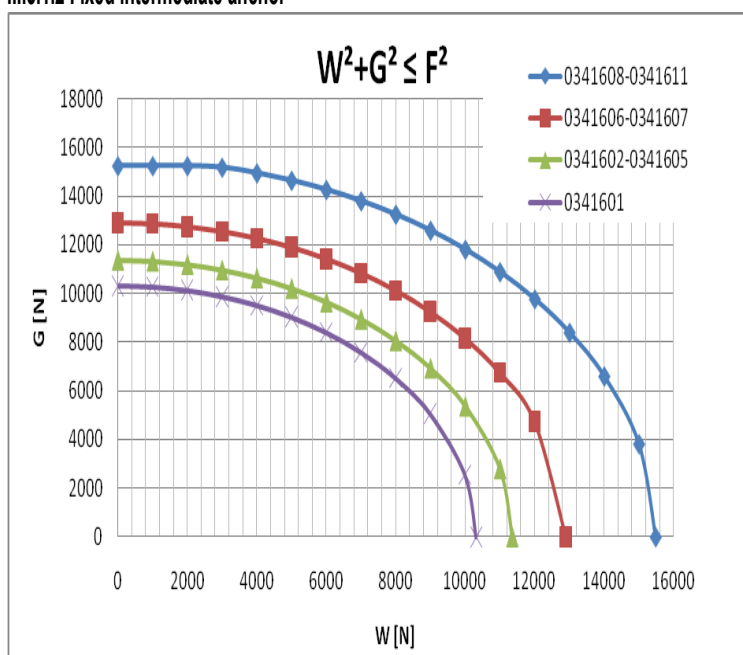
Profile	F _{max} [N]
034.1601	10320
034.1602	11352
034.1604	11352
034.1605	11352
034.1606	12900
034.1607	12900
034.1608	15480
034.1609	15480
034.1610	15480
034.1611	15480



Remark:

- The maximum force should be calculated with ultimate wind load.
- Calculations were executed according to Eurocode 9 (NBN EN 1999)

III.5.1.2 Fixed intermediate anchor



W = windload
G = weight
F = total reaction force
 $G \leq 15200$ N

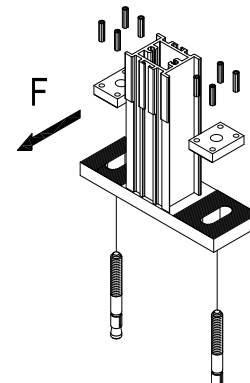
III.5.2

BOTTOM AND CEILING ANCHORS CW 60

III.5.2.1 Bottom anchoring

F_{max} on the anchor in case of wind suction or wind pressure

Profile	F_{max} [N]
0341601	2500
0341602	10300
0341604	10300
0341605	11500
0341606	12300
0341607	12900
0341608	13500
0341609	13500
0341610	13500
0341611	13500

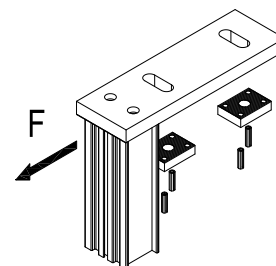


Remark: Max. Force should be calculated with ultimate windload

III.5.2.2 Ceiling anchoring

F_{max} on the anchor in case of wind suction or wind pressure

Profile	F_{max} [N]
034.1601	2500
034.1602	4700
034.1604	4700
034.1605	4700
034.1606	4700
034.1607	4700
034.1608	4700
034.1609	4700
034.1610	4700
034.1611	4700



Remark: Max. Force should be calculated with ultimate windload

III.6 STATICAL CALCULATIONS

III.6.1 MAXIMUM DIMENSIONS FOR STANDARD CW 50

III.1.1.1 Specifications

Vertical profiles (suspension profiles) should be calculated with maximum frontal deflection of $L/200$ or 15mm for windload according to EN 13830,taking into account maximum deflection for IGU of 12mm according to EN 1279-5.(or depending on national guidelines)

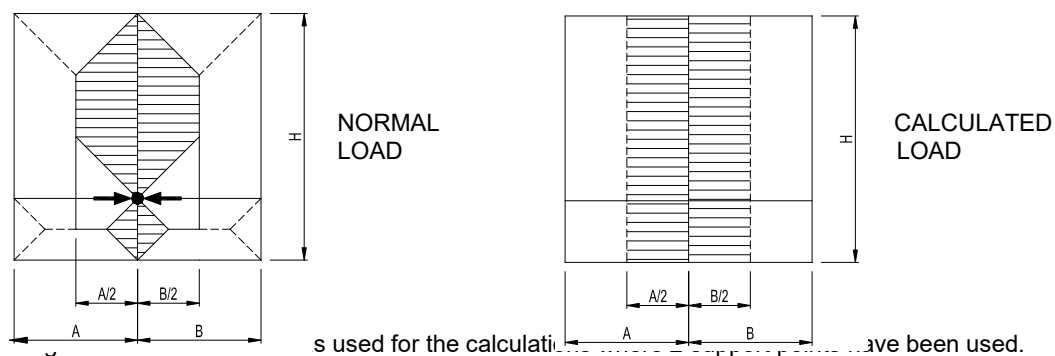


FIGURE 1

q = LOAD = N/m = p . b

p = PRESSURE = N/m² = Pa

b = WIDTH = m = (A + B)/2

L = LENGTH = m

E = YOUNG'S MODULUS = N/mm² = 70000N/mm²

I_x = MOMENT OF INERTIA = cm⁴

f = DEFLECTION = mm

$$f = \frac{5 \times q \times L^4}{384 \times E \times I_x} \times 10^5$$

Figure 2 shows the formulas used for the calculation

FIGURE 2

q = LOAD = N/m = p . b

p = PRESSURE = N/m² = Pa

b = WIDTH = m = (A + B)/2

L = LENGTH = m

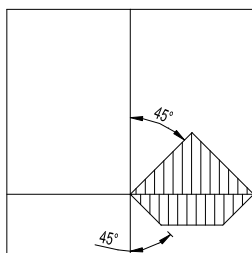
E = YOUNG'S MODULUS = N/mm² = 70000N/mm²

I_x = MOMENT OF INERTIA = cm⁴

f = DEFLECTION = mm

$$f = \frac{q \times L^4}{2960 \times E \times I_x} \times 10^5$$

Horizontal profiles (transom profiles) should be calculated with maximum frontal deflection of L/200 or 15mm for wind load according to EN 13830, taking into account maximum deflection for IGU of 12mm according to EN 1279-5.(or depending on national guidelines)



$$I_x = \frac{q \times B^4}{120 \times E \times f} \times 10^5$$

FIGURE 3

Triangular distribution :

q= LOAD = N/m = p . B/2
p = PRESSURE = N/m² = Pa
B = WIDTH = m
E = YOUNG'S MODULUS = 70000 N/mm²
f = DEFLECTION = mm
I_x = MOMENT OF INERTIA = cm⁴

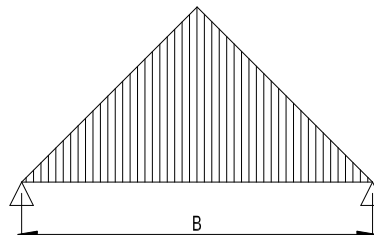
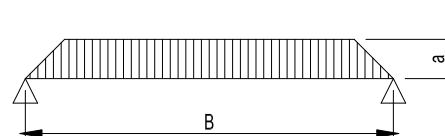


FIGURE 4

Trapezoid distribution :

q= LOAD = N/m = p . a
B = LENGTH = m
E = YOUNG'S MODULUS = N/mm² = 70000 N/mm²
f = DEFLECTION = mm
I_x = MOMENT OF INERTIA = cm⁴
a = PANEL HEIGHT / 2 = m

$$I_x = \frac{q \times B^4}{1920 \times E \times f} \times \left(25 - 40 \times \frac{a^2}{B^2} + 16 \times \frac{a^4}{B^4} \right) \times 10^5$$

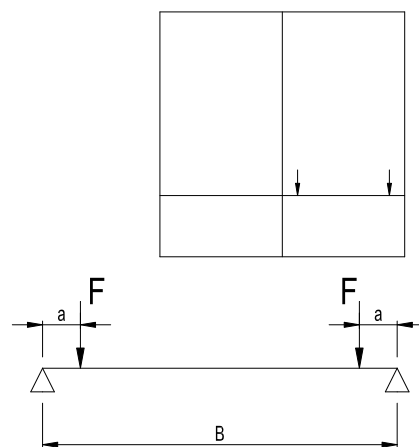


Horizontal profiles (transom profiles) should be calculated with maximum frontal deflection of L/500 or 3mm for dead load(self weight) according to EN 13830.(or depending on national guidelines E.g. maximum deflection of 2mm in the netherlands)

FIGURE 4

F = FORCE = N = 10 x G/2
B = LENGTH = m
E = YOUNG'S MODULUS = N/mm² = 70000 N/mm²
I_y = MOMENT OF INERTIA = cm⁴
f = DEFLECTION = mm
a = DISTANCE TO GLASS SUPPORT = m
G = GLASS WEIGHT = kg

$$I_y = \frac{F \times a}{24 \times E \times f} \times (3 \times B^2 - 4 \times a^2) \times 10^5$$



IV. CE-PASSPORT CW 60

Please contact your local Reynaers office to receive the latest version of CE-passports.

CW 60

VERWERKINGSVOORSCHRIFTEN
PRESCRIPTIONS DE MISE EN OEUVRE
PROCESSING DATA
VERARBEITUNGSVORSCHRIFTEN



IV.3 CHARACTERISTICS/CLASSIFICATIONS

Classification for CW 60/CW 60-HI

No	Characteristic	Classification	Notified body - Report	Limits(mm)
4.1	Resistance to wind load (EN 13116)	2400Pa ⁽¹⁾	SKG – 07.161	Max. panel size ⁽²⁾ : 1500*3000 (4.5m ²) 2000*2400 (4.8m ²)
4.2	Dead Load	See system catalogue for more detailed info about maximum weights for each type of glass support.		
4.3	Resistance against impact (EN 14019)	I5 E5	BBRI – CAR 5010/1	Minimum glass dimension: 1200*1500mm ⁽³⁾
4.4	Air permeability (EN 12152)	A4 (800pa)	SKG – 07.161	
4.5	Watertightness (EN 12154)	RE 1200	SKG – 07.161	
4.6	Airborne sound insulation (EN ISO 140-3 & EN ISO 717-1)	Glass		NB - Report
		R _a (C,C _{tr})		
		CW		
		R _w (C,C _{tr})		
		34(-1;-4)	→ 34(-1;-4)	
40(-2;-7)	→ 42(-2;-6)			
48(-2;-8)	→ 47(-2;-5)			
48(-2;-8) + spandrel ⁽⁵⁾	→ 55(-2;-7)			
4.7	Thermal transmittance (EN 13947)	U _g has to be calculated according to EN13947 (see also V). The U-values of the different profiles are available in separate U-value tables.		
		The U-values of the profiles are calculated under certification of BCCA, Certificate BPDC-420-072-EN 10077-2 REYN-01		
4.8	Fire resistance (EN13501-2)	Npd		
4.9	Reaction to fire (EN 13501-1)	Npd	Depending of the national requirements, class A1 can be declared based on CWF7 tables for aluminum and glass according to the decision 98/603/EC. ⁽⁴⁾	
4.10	Fire propagation (EN 1384-4)	EI60	ITB – 1323/06	
4.13	Equipotentiality	All metal parts have to be conductively connected (see also examples in the catalogue and guidelines in Annex A of EN 13830). The electrical resistance has to be measured in compliance with Annex A of EN13830.		
4.15	Thermal shock resistance	When requested, glass with thermal shock resistance conforming the appropriate standards has to be chosen.		
4.17	Resistance to horizontal loads	When requested, declare the value in kN at sill height. The loads have to be calculated according to national specifications. The allowable loads per T-connection are given in IV.		

(1): Indicated wind load = design wind load

(2): Other dimensions and deformations to be calculated in function of the windload (f_{max} < 1/200, max 15mm)

(3): Impact resistance was tested with only screw connection between transom and mullion => also connections with additional T-connectors are approved

(4): CWFT = Classification Without Further Testing

(5): Composition of the spandrel part: see test report

B

C



Reynaers
Aluminium

Profielen

Profilés

Profiles

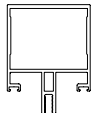
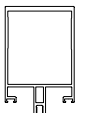
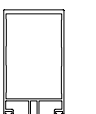
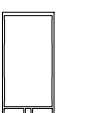
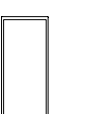
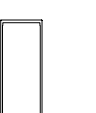
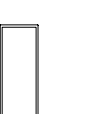
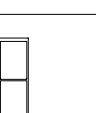
Profile

Art. N°			Art. N°		
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001.0538.XX	52.C.009	D0056694	034.0081.00	52.C.005	D0056679
001.0826.XX	52.C.009	D0056694	034.0081.00	52.C.028	D0056744
001.0836.XX	52.C.010	D0056697	034.0082.00	52.C.003	D0056662
001.1401.XX	52.C.010	D0056697	034.0082.00	52.C.024	D0055311
001.1426.XX	52.C.009	D0056694	034.0083.00	52.C.003	D0056662
002.0726.XX	52.C.009	D0056694	034.0083.00	52.C.024	D0055311
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Art. N°			Art. N°		
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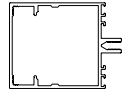
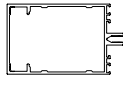
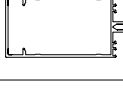
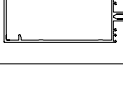
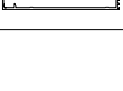
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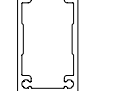
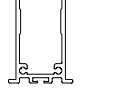
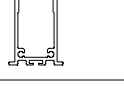
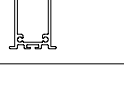
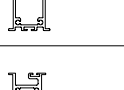
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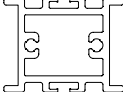
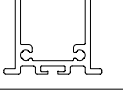
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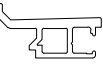
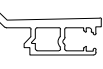
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1622.XX		35.64	19.5	7.00	45.472	32.822
034.1623.XX		39.84	23.7	7.00	87.600	41.284
034.1624.XX		44.00	28.1	7.00	155.867	54.376
034.1625.XX		48.24	32.1	7.00	238.553	63.058
034.1626.XX		52.40	36.5	7.00	344.041	71.745
034.1627.XX		56.64	40.5	7.00	474.462	80.427
034.1628.XX		60.80	44.9	7.00	632.340	89.111

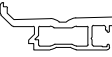
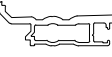
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1693.00		37.79	-	7.00 1.00	88.353	29.273
034.1694.00		41.97	-	7.00 1.00	158.793	34.786
034.1695.00		45.93	-	7.00 1.00	250.660	39.324
034.1696.00		49.69	-	7.00 1.00	354.443	40.915
034.1697.00		53.89	-	7.00 1.00	370.337	33.892
034.1699.00		65.82	-	7.00 1.00	824.500	58.439
034.0580.01		-	-	5.00	-	-

DILATATIEPROFIEL
PROFILE DE DILATATION
EXPANSION PROFILE
AUSDEHNUNGSPROFIL

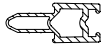
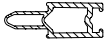
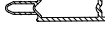
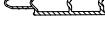
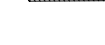
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1691.00		29.85	-	7.00 1.00	15.333	19.210
034.1692.00		33.61	-	7.00 1.00	43.021	23.942

GLASSTEUN 22.6MM
SUPPORT CALE DE VITRAGE
GLASS SUPPORT
GLASAUFLAGEPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0083.00		6.08	-	7.00	-	-
034.0084.00		7.26	-	7.00	-	-
034.0085.00		8.06	-	7.00	-	-
034.0086.00		8.86	-	7.00	-	-
034.0087.00		9.66	-	7.00	-	-
034.0088.00		10.46	-	7.00	-	-
034.0089.00		-	-	7.00	-	-
034.0082.00		-	-	7.00	-	-
034.0380.00		13.32	-	7.00	1.902	0.468
034.0381.00		15.33	-	7.00	2.641	0.526

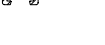
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0382.00		16.56	-	7.00	3.498	0.547
034.0383.00		15.80	-	7.00	4.833	0.612
034.0384.00		16.70	-	7.00	6.173	0.658

ISOLATOR
ISOLATEUR
INSULATOR
ISOLATOR

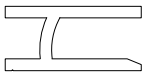
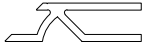
			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0070.04			-	-	7.00	-	-
034.0071.04			-	-	7.00	-	-
034.0072.04			-	-	7.00	-	-
034.0073.04			-	-	7.00	-	-
034.0074.04			-	-	7.00	-	-
034.0075.04			-	-	7.00	-	-
034.0076.04			-	-	7.00	-	-

AFSTANDSHOUDER BEGLAZING
REDUCTEUR DE FEUILLURE VITRAGE
FILLISTER REDUCER PART GLAZING
GLASFALZVERKLEINUNGSPROFIL

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0517.XX			4.36	0.8	7.00	-	-
034.0617.XX			5.28	1.2	7.00	-	-

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0514.XX			6.06	0.2	7.00	-	-
034.0618.XX			6.88	2.0	7.00	-	-
034.0615.XX			10.62	3.2	7.00	-	-
034.0619.XX			11.26	3.6	7.00	-	-
034.0616.XX			12.42	4.8	7.00	-	-
034.0420.XX			13.85	6.5	7.00	-	-
034.0610.04			-	-	7.00	-	-
034.0611.04			-	-	7.00	-	-

PROFIEL T-VERBINDER
PROFILE JUNCTION-T
PROFILE T-BRACKET
PROFIL T-VERBINDER

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1645.00		22.97	-	7.00	9.252	1.225
						
034.0080.00		44.19	-	6.00 1.00	-	-
						
034.0081.00		60.35	-	5.00 1.00	-	-
						

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0630.00		17.15	-	7.00	0.116	7.096
						

KLEMPROFIEL V
SERREUR V
PRESSURE PLATE V
GLASHALTEPROFIL V

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.3634.00		18.33	-	7.00	0.242	8.203
						
034.0646.00		15.88	-	7.00	0.064	5.971
						
034.0631.00		17.15	-	7.00	0.116	7.096
						

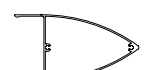
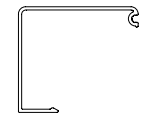
KLEMPROFIEL H
SERREUR H
PRESSURE PLATE H
GLASHALTEPROFIL H

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.3635.00		18.33	-	7.00	0.242	8.203
						
034.0647.00		16.02	-	7.00	0.065	6.013
						

AFDEKPROFIEL
PROFILE DE RECOUVREMENT
COVERING PROFILE
ABDECKPROFIL

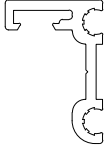
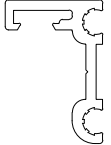
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0637.XX		24.57	11.4	7.00	1.278	10.118
034.0639.XX		26.57	12.4	7.00	2.023	11.238
034.0641.XX		17.63	9.1	7.00	0.217	5.889

AFDEKPROFIEL
PROFILE DE RECOUVREMENT
COVERING PROFILE
ABDECKPROFIL

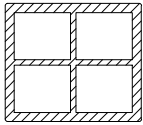
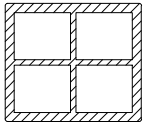
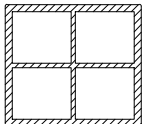
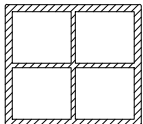
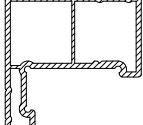
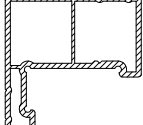
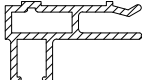
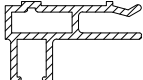
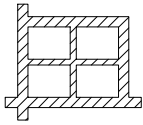
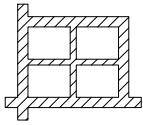
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0638.XX		20.49	10.4	7.00	0.733	7.932
034.0636.XX		20.66	10.8	7.00	0.738	7.958
034.0643.XX		35.46	24.4	7.00	50.636	19.360
034.0640.XX		16.83	8.7	7.00	0.143	5.441
034.0159.XX		31.30	12.7	7.00	14.852	13.691

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
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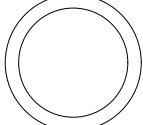
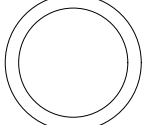
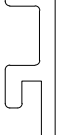
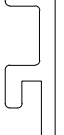
PROFIEL BOUWAANSLUITING
PROFILE RACCORDEMENT AU BATTIMENT
PROFILE BUILDING CONNECTION
PROFIL BAUANSCHLUSS

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0160.XX			10.44	4.7	7.00		

VULPROFIEL KUNSTSTOF
PROFILE DE REMPLISSAGE MATIERE SYNTHETIQUE
FILLING PROFILE SYNTHETIC MATERIAL
FUELLUNGSPROFIL KUNSTSTOFF

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0581.04			-	-	7.00	-	
034.0582.04			-	-	7.00	-	
034.0587.04			0.01	-	7.00		
034.1588.04			-	-	7.00	-	
034.0589.04			-	-	7.00	-	

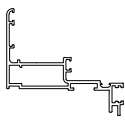
RONDE BUIS 40x4MM
TUBE ROND 40x4MM
ROUND TUBE 40x4MM
RUNDROHR 40x4MM

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
0B0.4004.XX			12.57	12.6	6.00	7.419	
034.1116.17SG			5.35	-	7.00		

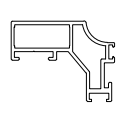
			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
STEUNPROFIEL PROFILE DE SUPPORT RAFTER HOLDER SPARRENAUFLAGEPROFIL							

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0612.00			19.28	-	7.00	0.900	6.572

BUITENKADER
 DORMANT
 OUTER FRAME
 BLENDRAHMEN

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1121.XX		41.73	5.9	7.00	35.135	10.859
						

 VLEUGEL UITZETZAKRAAM
 OUVRANT FENETRE OUVRANT A L'ITALIENNE
 VENT TOP-HUNG WINDOW WITH FRICTION STAYS
 FLUEGEL SENKKLAPPFENSTER

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1122.XX		24.46	8.1	7.00	10.831	5.598
						

 VULPROFIEL KUNSTSTOF
 PROFILE DE REMPLISSAGE MATIERE SYNTHETIQUE
 FILLING PROFILE SYNTHETIC MATERIAL
 FUELLUNGSPROFIL KUNSTSTOFF

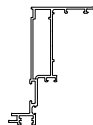
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1123.04		-	-	7.00	0.725	0.402
						

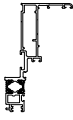
034.0164.04		-	-	7.00	0.088	0.111
						

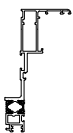
 VLEUGEL PARALLEL OPENGAAND RAAM
 OUVRANT FENETRE OUVRANT PARALLELE
 VENT PARALLEL OPENING WINDOW
 FLUEGEL PARALLELAUSSTELLFENSTER

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1113.XX		27.07	8.1	7.00	11.931	5.688
						

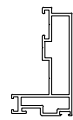
 BUITENKADER UITZETZAKRAAM OF POW
 DORMANT FENETRE OUVRANT A L'ITALIENNE OU POW
 OUTER FRAME TOP-HUNG WINDOW WITH FRICTION STAYS OR POW
 BLENDRAHMEN SENKKLAPPFENSTER ODER POW

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0155.XX		45.37	5.9	7.00	58.797	11.287
						

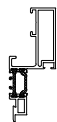
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0331.XX		48.13	5.9	7.00	76.774	15.767
						

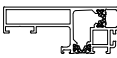
007.0341.XX		49.72	5.7	7.00	106.412	14.556
						

 VLEUGELPROFIEL UITZETZAKRAAM OF POW
 PROFILE OUVRANT FENETRE OUVRANT A L'ITALIENNE OU POW
 VENT PROFILE TOP-HUNG WINDOW WITH FRICTION STAYS OR POW
 FLUEGELPROFIL SENKKLAPPFENSTER ODER POW

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0156.XX		29.99	7.3	7.00	28.920	7.084
						

034.0157.XX		33.23	6.8	7.00	43.265	8.916
						

034.2120.XX		30.57	7.1	7.00	22.688	6.743
						

007.0160.XX		31.40	10.0	6.00	23.821	4.559
						

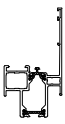
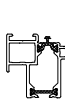
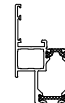
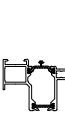
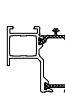
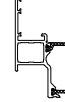
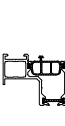
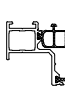
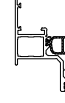
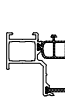
034.0158.XX		32.54	6.8	7.00	48.235	8.916
						

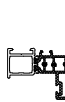
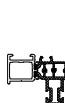
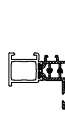
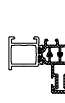
 GLASLAT
 PARCLOSE
 OUTER FRAME TOP-HUNG WINDOW WITH FRICTION STAYS OR POW
 GLAZING BEAD
 GLASLEISTE

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0125.XX		12.41	5.7	7.00	-	-
						

D0056690

BUITENKADER GEVEL
DORMANT MUR-RIDEAU
OUTER FRAME CURTAIN WALL
BLENDRAHMEN FASSADE

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
001.0538.XX		35.35	10.7	7.00	10.686	24.893
001.0826.XX		30.31	8.2	7.00	9.199	11.759
001.1426.XX		30.75	8.5	7.00	9.141	11.748
005.0538.XX		36.12	10.7	7.00	15.333	24.936
005.0826.XX		31.08	8.2	7.00	13.371	11.770
005.1426.XX		31.51	8.6	7.00	13.656	11.801
008.3538.XX		37.02	10.7	7.00	21.613	25.106
008.3826.XX		31.98	8.2	7.00	19.025	11.807
008.3426.XX		32.64	8.2	7.00	19.614	11.798
008.3827.XX		31.11	8.1	7.00	19.223	11.200

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
008.3539.XX		36.15	10.3	7.00	21.854	24.166
108.0538.XX		32.91	10.1	7.00	21.398	13.394
108.0539.XX		32.91	10.1	7.00	21.398	13.394
108.0826.XX		29.20	7.8	7.00	19.956	6.199
108.1827.XX		29.20	7.9	7.00	19.956	6.199

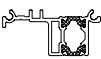
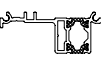
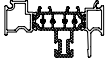
GEVELPROFIEL
MENEAU
SUSPENSION PROFILE
PFOSTENPROFIL

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
002.0726.XX		8.45	2.2	7.00	0.242	0.434

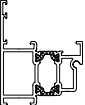
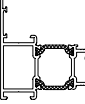
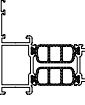
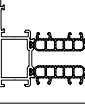
SLUITLAT
TRINGLE
LINK BAR
SCHUBSTANGE

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

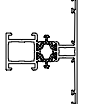
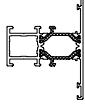
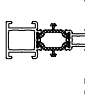
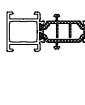
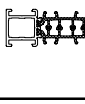
KOPPELPROFIEL
PROFILE DE RACCORDEMENT
CONNECTION PROFILE
KUPPLUNGSPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
001.0836.XX		17.79	2.8	7.00	1.819	3.597
005.0836.XX		20.59	2.8	7.00	1.979	5.670
008.0836.XX		22.35	2.3	7.00	8.499	2.049
108.2835.XX		22.02	4.7	7.00	22.076	3.520
108.2836.XX		22.02	4.7	7.00	22.074	3.520

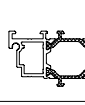
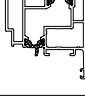
OMKEERPROFIEL
PROFILE INVERSION
CHANGEOVER PROFILE
WECHSELPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
001.1401.XX		29.54	8.3	7.00	9.786	9.613
005.1401.XX		29.54	8.3	7.00	14.838	9.613
008.3401.XX		29.54	8.3	7.00	16.938	9.613
108.3401.XX		30.91	8.3	7.00	23.028	9.612

T-PROFIEL
TRAVERSE
TRANSOM-MULLION
SPROSSE

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
001.0113.XX		34.24	11.4	7.00	9.833	8.602
003.0013.XX		29.58	10.4	7.00	9.546	7.058
005.0113.XX		34.44	11.0	7.00 5.00	14.901	8.621
008.3113.XX		34.24	11.0	7.00 5.00	16.916	8.602
108.0113.XX		35.61	11.0	7.00	22.875	8.602

WISSELPROFIEL
CHICANE
MEETING SECTION
WECHSELPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
003.0001.XX		23.49	7.6	7.00	8.154	4.960
003.0051.XX		36.21	15.4	7.00	20.374	21.116

DWARSPROFIEL VOOR
TRAVERSE POUR
TRANSOM FOR
RIEGELPROFIEL FUER

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1565.XX		36.05	11.2	7.00	3.671	25.473
						

GOOT
GOUTTIERE
GUTTER
RINNENPROFIL

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1567.XX		76.29	24.8	7.00	76.634	231.296
						

KLEMPROFIEL VOOR
SERREUR POUR
PRESSURE PLATE FOR
GLASHALTEPROFIEL FUER

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.2566.XX		26.69	1.2	7.00	-	-
						

AFDEKPROFIEL
PROFILE DE RECOUVREMENT
COVERING PROFILE
ABDECKPROFIL

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0562.PA		15.43	7.9	7.00	-	-
						

007.0563.PA

		27.43	13.9	7.00	-	-
						

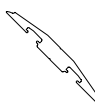
AFDEKPROFIEL SCHUINE BEGLAZING
PROFILE DE RECOUVREMENT VITRAGE OBLIQUE
COVERING PROFILE SLOPED GLAZING
ABDECKPROFIL SCHRAEGVERGLASUNG

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0570.XX		15.37	7.6	7.00	-	-
						

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0672.XX		20.44	5.8	7.00	-	-
						

034.1574.XX		20.60	7.1	7.00	-	-
						

034.0670.XX		19.29	9.8	7.00	0.727	6.214
						

034.0571.XX		12.37	5.4	7.00	0.045	2.736
						

DWARSPROFIEL REGELBARE HOEKEN
TRAVERSE EQUERRES REGLABLES
TRANSOM ADJUSTABLE CORNER CLEATS
RIEGELPROFIL VERSTELLBARER ECKWINKEL

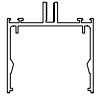
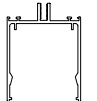
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1564.XX		22.22	8.2	7.00	1.950	4.191
						

KLEMPROFIEL
SERREUR
PRESSURE PLATE
GLASHALTEPROFIL

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.2571.00		16.30	-	7.00	-	-
						

034.0669.00		17.48	9.2	7.00	0.070	6.143
						

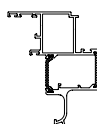
NOKPROFIEL
 PROFILE FAITIÈRE
 RIDGE PROFILE
 FIRSTPROFIL

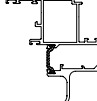
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1057.XX		44.16	10.7	7.00	13.362	25.402
034.1058.XX		50.96	14.1	7.00	28.685	31.521
034.0064.XX		12.31	5.4	7.00	-	-
034.0526.XX		20.64	5.6	7.00	-	-

 AFDEKPROFIEL NOK
 PROFILE DE RECOUVREMENT FAITIÈRE
 COVERING PROFILE RIDGE
 ABDECKPROFIL FIRST

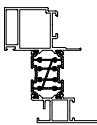
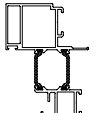
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0010.XX		30.92	15.7	7.00	2.255	30.850
034.1011.00		26.42	11.9	7.00	-	-
034.1013.00		27.65	12.1	7.00	-	-

 BUITENKADER DAKRAAM
 DORMANT TABATIÈRE
 OUTER FRAME ATTIC WINDOW
 BLENDRAHMEN DACHFENSTER

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0775.XX		41.00	16.2	7.00	32.822	21.052

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.1765.XX		41.00	16.2	7.00	30.961	21.052

 VLEUGEL DAKRAAM
 OUVRANT TABATIÈRE
 VENT ATTIC WINDOW
 FLÜGEL DACHFENSTER

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0778.XX		43.75	15.4	7.00	52.541	30.551
007.1768.XX		43.75	15.4	7.00	40.989	30.551

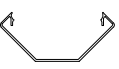
 GLASLAT
 PARCLOSE
 GLAZING BEAD
 GLASLEISTE

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.3881.XX		8.52	2.8	7.00	0.075	0.579

DRAAGPROFIEL
MENEAU
SUSPENSION PROFILE
PFOSTENPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1550.XX		37.62	14.6	7.00	40.690	18.877
034.0350.XX		4.86	0.5	7.00	0.013	0.034
034.0351.XX		4.94	0.5	7.00	0.019	0.034
034.0352.XX		4.95	0.3	7.00	0.028	0.036

AFDEKPROFIEL VERTIKALE BUITENHOEK
PROFILE DE RECOUVR. COIN EXT. VERTICALE
COVERING PROFILE OUTER CORNER VERTICAL
ABDECKPROFIL VERTIKALE AUSSENWINKEL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.2014.XX		31.36	15.8	7.00	-	-
034.0034.XX		38.08	17.7	7.00	7.819	44.749

KLEMPROFIEL
SERREUR
PRESSURE PLATE
GLASHALTEPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.3016.00		30.66	-	7.00	-	-
034.3017.00		31.35	-	7.00	-	-
034.0025.00		33.30	-	7.00	2.225	32.649

BEVESTIGINGSSTRIP
 BANDE DE FIXATION
 FIXING STRIP
 BEFESTIGUNGSSSTREIFEN

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	
034.0130.00		4,91	-	3,00	-	-	
034.0138.00		5,67	-	3,00	-	-	
034.0143.00		5,21	-	3,00	-	-	
034.0144.00		5,37	-	3,00	-	-	
034.0145.00		5,55	-	3,00	-	-	
034.0146.00		5,79	-	3,00	-	-	
034.0147.00		5,94	-	3,00	-	-	
034.0148.00		6,11	-	3,00	-	-	
034.0173.00		5,85	-	3,00	0,020	0,294	
034.0174.00		6,36	-	3,00	0,062	0,330	

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	
034.0175.00		5,77	-	3,00	0,007	0,290	
034.0176.00		6,54	-	3,00	0,022	0,304	
034.0177.00		7,82	-	3,00	0,164	0,644	
034.0178.00		8,89	-	3,00	0,353	0,702	

 STEUNPROFIEL
 PROFILE DE SUPPORT
 RAFTER HOLDER
 SPARRENAUFLEGEPROFIL

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	
034.0107.00		12,94	-	7,00	1,695	0,211	

 U-PROFIEL ZELFKLEVEND SC
 U-PROFILE AUTOCOLLANT
 U-PROFILE SELF-ADHESIVE
 U-PROFILE SELBSTKLEBEND

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	
034.0100.17SC		4,08	-	3,50	-	-	
034.0101.17SC		6,07	-	3,50	0,008	0,037	

KADER ENKEL GLAS
DORMANT VITRAGE SIMPLE
FRAME SINGLE GLAZING
BLENDRAHMEN EINFACHVERGLASUNG

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0131.XX		13.30	5.5	7.00	0.616	2.487
034.0127.XX		14.45	5.8	7.00	0.911	2.532
034.0128.XX		14.81	6.0	7.00	1.175	2.613

HULPPROFIEL
PROFILE DE RACCORDEMENT
ADDITIONAL PROFILE
ZUSATZPROFIL

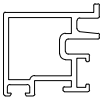
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0124.04		-	-	7.00	-	-

KLIPSPROFIEL
CLIP
CLIP PROFILE
ABDECKPROFIL

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.1180.04		-	-	7.00	-	-
034.1181.04		-	-	7.00	-	-
034.0184.04		-	-	7.00	0.039	0.147
034.0185.04		-	-	7.00	0.141	0.192

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
AANSluitingsPROFIEL PROFILE DE RACCORDEMENT CONNECTION PROFILE ANSCHLUSSPROFIL						
034.0111.XX		10.42	1.7	7.00	1.573	0.623
034.0112.XX		24.87	8.9	7.00	17.996	2.524

KADER DUBBEL GLAS
DORMANT VITRAGE DOUBLE
FRAME DOUBLE GLAZING
BLENDRAHMEN DOPPELVERGLASUNG

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0161.XX		20.15	6.5	7.00	2.791	3.266

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
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KADER ENKEL GLAS
DORMANT VITRAGE SIMPLE
FRAME SINGLE GLAZING
BLENDRAHMEN EINFACHVERGLASUNG

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0165.XX		29.43	0.9	7.00	7.148	2.005

034.0166.XX		30.08	0.9	7.00	8.424	2.006
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034.0167.XX		31.03	0.9	7.00	10.822	2.006
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GLASLAT
PARCLOSE
GLAZING BEAD
GLASLEISTE

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.3864.XX		8.14	2.5	6.00	0.459	0.013

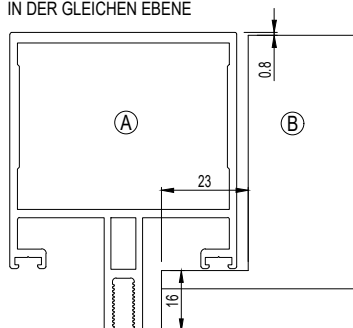
KLIPSPROFIEL VOOR
CLIP POUR
CLIP PROFILE FOR
ABDECKPROFIL FUER

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0170.04		-	-	7.00	-	-

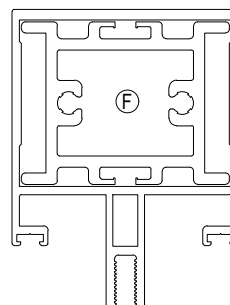
034.0171.04		-	-	7.00	-	-
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Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ
034.1601.XX	034.1622.XX	073.7510.00	021.0283.00	073.7505.00	034.1691.00	40/50/X	080.9984.04
034.1602.XX	034.1623.XX	073.7511.00	021.0283.00	073.7505.00	034.1692.00	60/50/X	080.9985.04
034.1604.XX	034.1624.XX	073.7512.00	021.0283.00	073.7505.00	034.1693.00	80/50/X	080.9985.04
034.1605.XX	034.1625.XX	073.7513.00	021.0283.00	073.7505.00	034.1694.00	100/50/X	080.9986.04
034.1606.XX	034.1626.XX	073.7514.00	021.0283.00	073.7505.00	034.1695.00	120/50/X	080.9986.04
034.1607.XX	034.1627.XX	073.7515.00	021.0283.00	073.7505.00	034.1696.00	80/50/X + 60/50/X	080.9986.04
034.1608.XX	034.1628.XX	073.7516.00	021.0283.00		034.1697.00	80/50/X + 80/50/X	080.9986.04
034.1609.XX	00S.4820.XX	---	021.0283.00		034.1699.00	100/50/X + 80/50/X	---
034.1610.XX					034.1696.00	80/50/X + 60/50/X	
034.1611.XX					034.1696.00	80/50/X + 60/50/X	

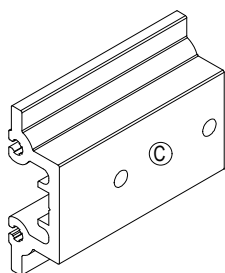
GELIJKLIGGEND
AU MEME NIVEAU
AT THE SAME LEVEL
IN DER GLEICHEN EBENE



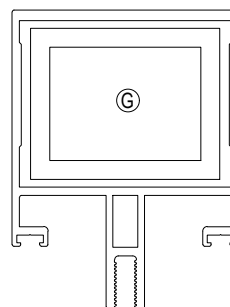
VERBINDINGSPROFIEL
PROFILE DE RACCORDEMENT
CONNECTION PROFILE
KUPPLUNGSPROFIL



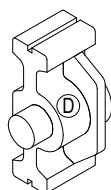
VASTE T-VERBINDER
JONCTION-T FIXE
FIXED T-BRACKET
FESTER T-VERBINDER



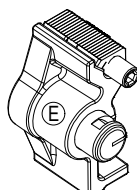
VERSTERKINGSPROFIEL
PROFILE DE RENFORCEMENT
REINFORCEMENT PROFILE
VERSTAERKUNGSPROFIL



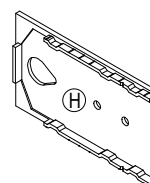
VERENDE T-VERBINDER
JONCTION-T RESILIENTE
T-BRACKET WITH SPRING
FEDERNDER T-VERBINDER



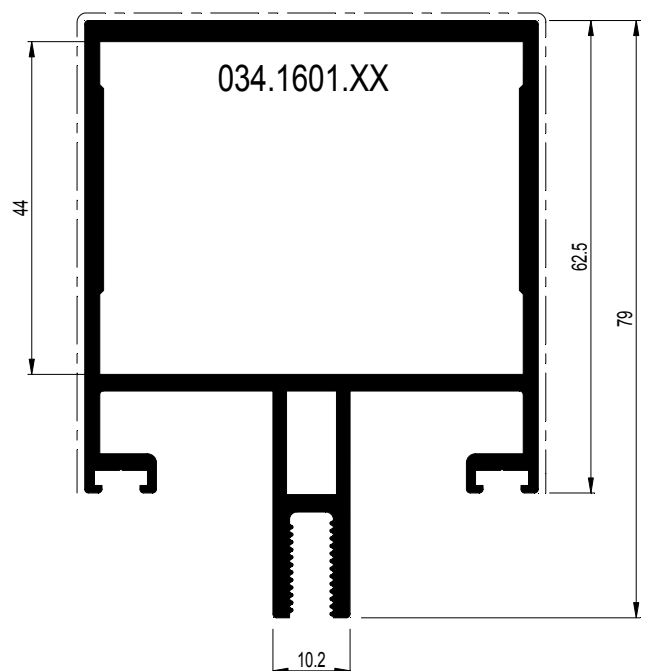
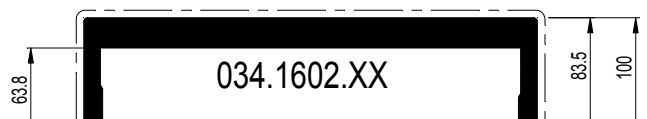
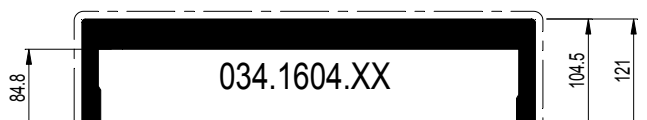
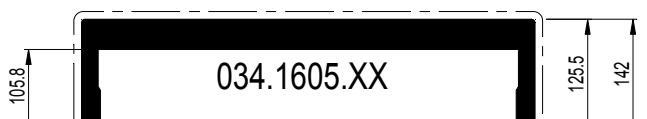
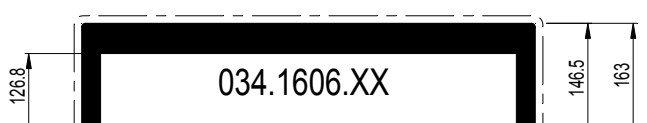
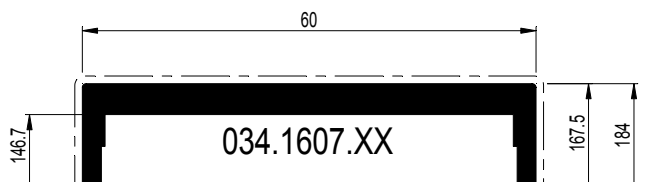
VERENDE T-VERBINDER
JONCTION-T RESILIENTE
T-BRACKET WITH SPRING
FEDERNDER T-VERBINDER

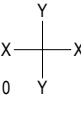


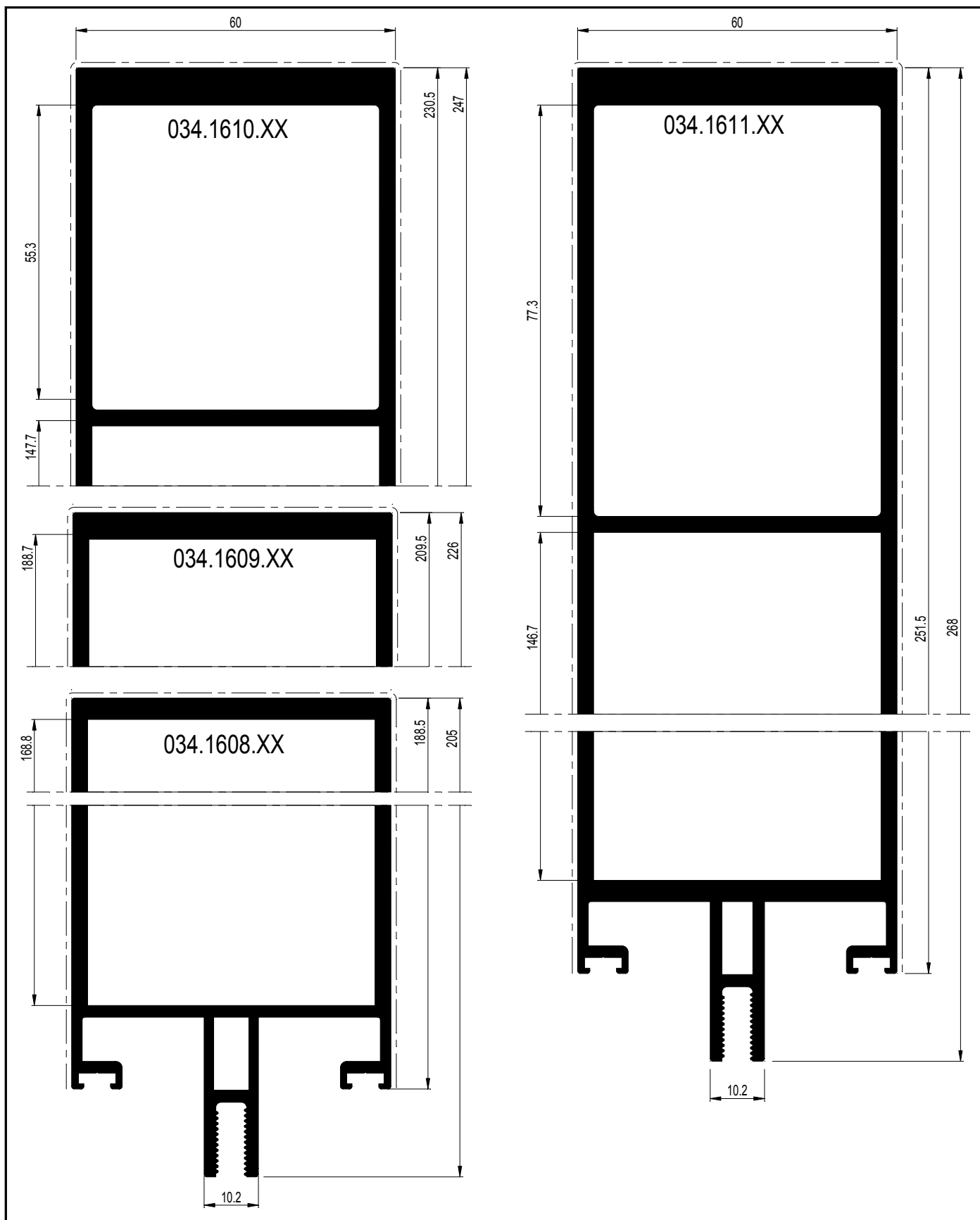
EINDDICHTING
JOINT D'ASSEMBLAGE
END GASKET
ENDDICHTUNG

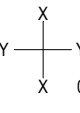


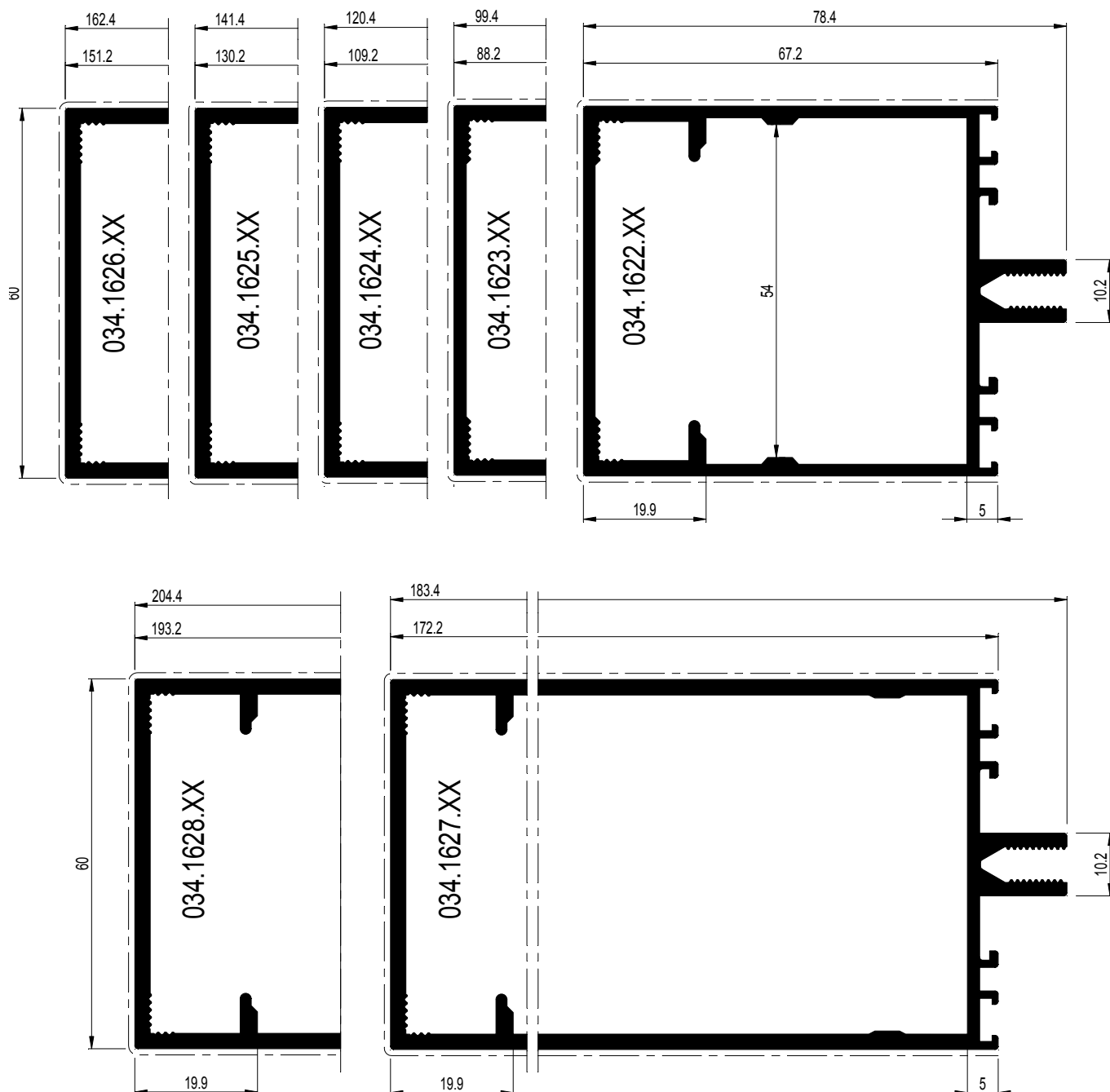
	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
034.1601.XX	41.70	18.5	7.00	44.642	10.205	43.74	32.805	10.935	30.00	
034.1602.XX	45.90	22.7	7.00	99.298	17.617	56.37	42.767	14.255	30.00	
034.1604.XX	50.10	26.9	7.00	167.849	25.357	66.19	51.727	17.242	30.00	
034.1605.XX	54.29	31.1	7.00	258.583	33.928	76.22	59.453	19.817	30.00	
034.1606.XX	58.48	35.3	7.00	377.487	43.583	86.61	70.490	23.496	30.00	
034.1607.XX	62.68	39.5	7.00	551.226	58.165	94.77	81.234	27.078	30.00	

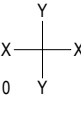


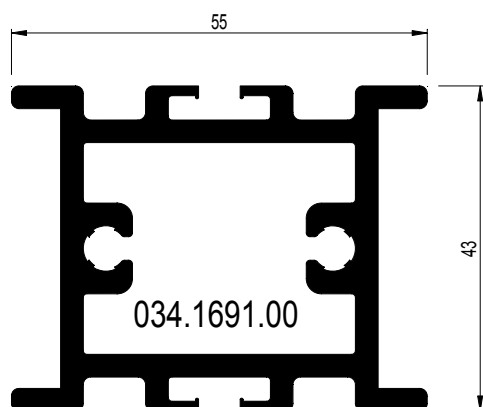
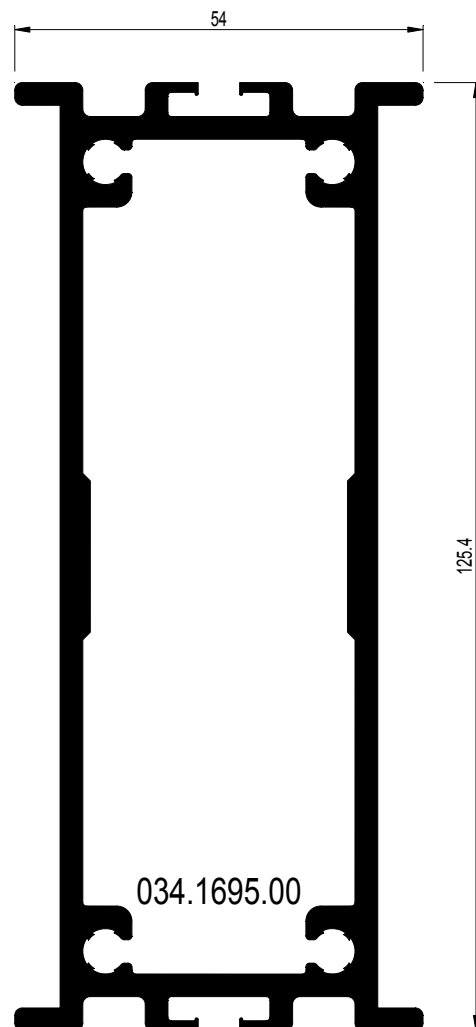
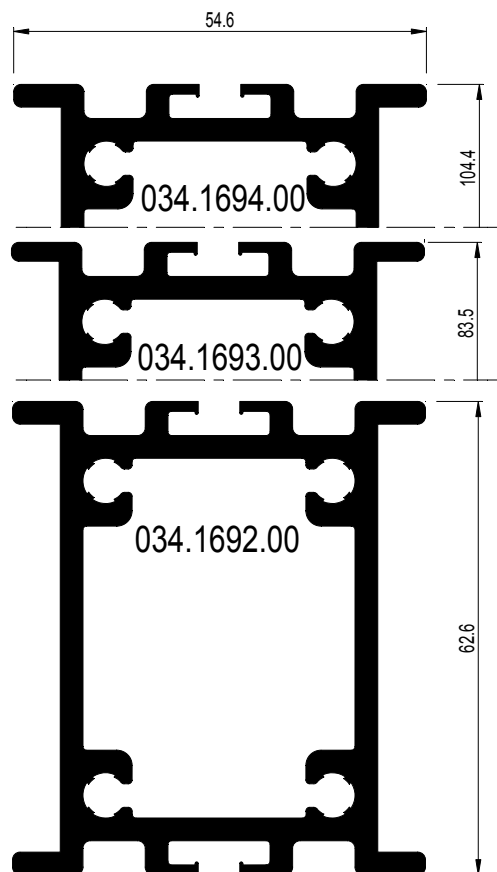
	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	ax mm	I_y cm ⁴	W_y cm ³	ay mm	
034.1608.XX	66.88	43.7	7.00	736.559	68.145	108.09	100.393	33.464	30.00	
034.1609.XX	71.08	47.9	7.00	1014.894	83.502	121.54	111.950	37.316	30.00	
034.1610.XX	75.28	52.1	7.00	1504.315	108.652	138.45	129.876	43.292	30.00	
034.1611.XX	79.48	56.3	7.00	1914.141	131.497	145.57	141.432	47.144	30.00	

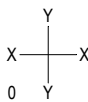


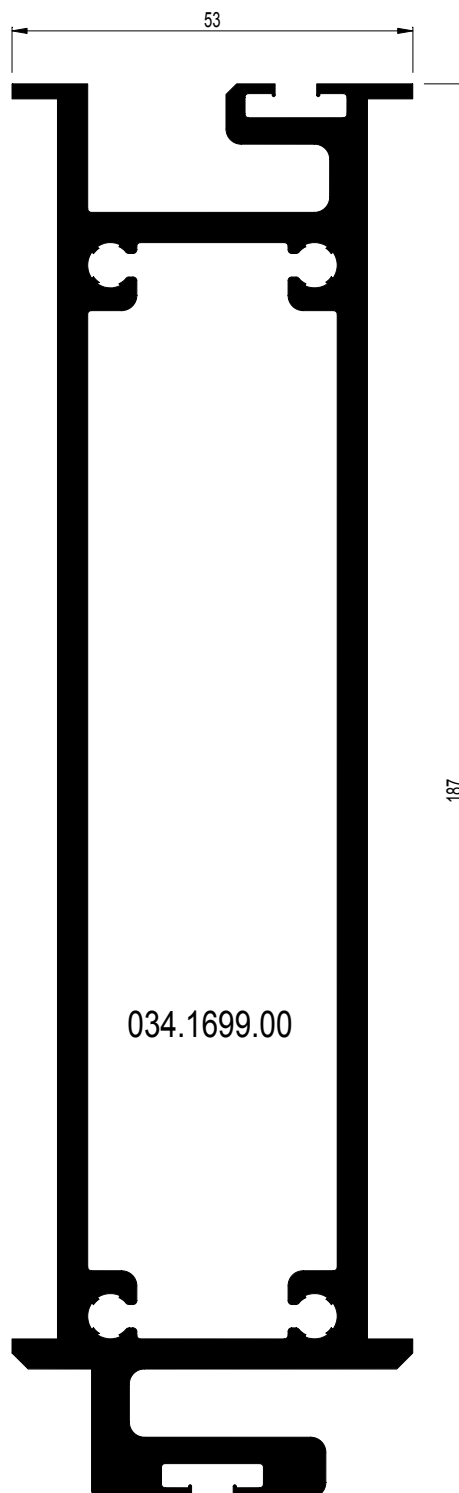
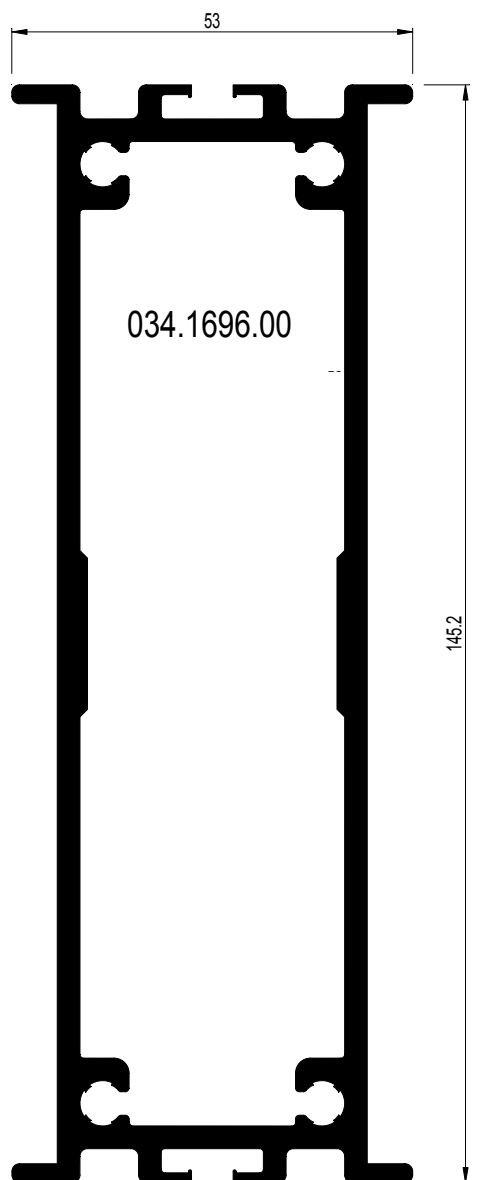
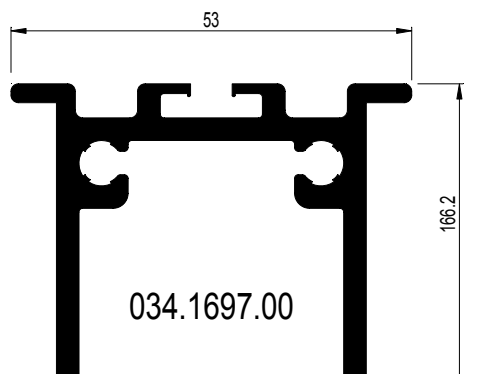
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.1622.XX	35.64	19.5	7.00	45.472	10.940	41.56	32.822	10.940	30.00	
034.1623.XX	39.84	23.7	7.00	87.600	16.899	51.84	41.284	13.761	30.00	
034.1624.XX	44.00	28.1	7.00	155.867	24.716	63.06	54.376	18.124	30.00	
034.1625.XX	48.24	32.1	7.00	238.553	32.454	73.50	63.058	21.018	30.00	
034.1626.XX	52.40	36.5	7.00	344.041	40.984	83.94	71.745	23.914	30.00	
034.1627.XX	56.64	40.5	7.00	474.462	50.257	94.41	80.427	26.808	30.00	
034.1628.XX	60.80	44.9	7.00	632.340	60.304	104.86	89.111	29.703	30.00	

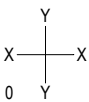


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
034.1691.00	29.85	-	7.00 1.00	15.333	7.132	21.50	19.210	6.985	27.50	
034.1692.00	33.61	-	7.00 1.00	43.021	13.745	31.30	23.942	8.770	27.30	
034.1693.00	37.79	-	7.00 1.00	88.353	21.161	41.75	29.273	10.718	27.31	
034.1694.00	41.97	-	7.00 1.00	158.793	30.420	52.20	34.786	12.742	27.30	
034.1695.00	45.93	-	7.00 1.00	250.660	39.978	62.70	39.324	14.564	27.00	



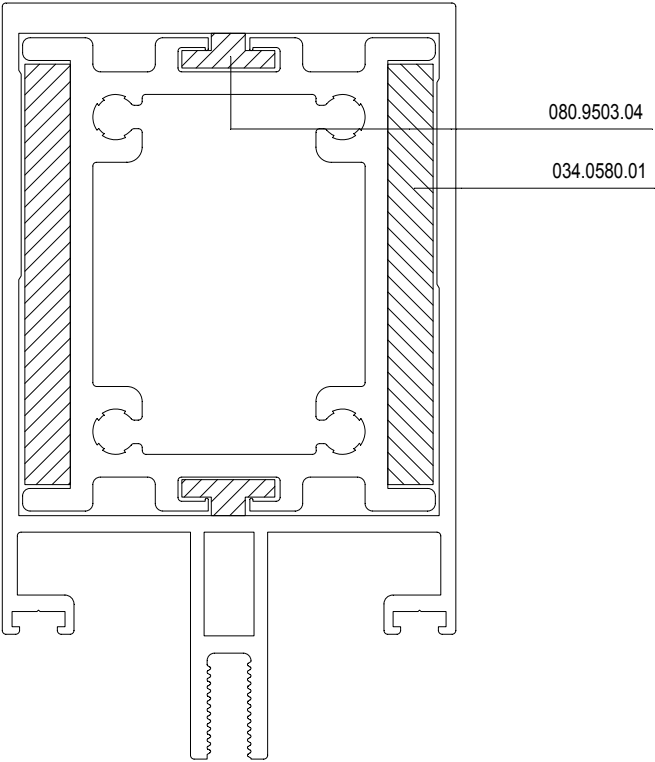
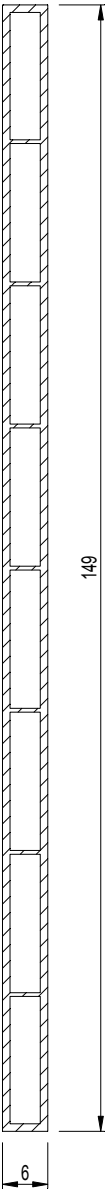
	 A dm ² /m	 P dm ² /m	 L_m	I_x cm ⁴	W_x cm ³	ax mm	I_y cm ⁴	W_y cm ³	ay mm	
034.1696.00	49.69	-	7.00 1.00	354.443	48.819	72.60	40.915	15.433	26.51	
034.1697.00	53.89	-	7.00 1.00	370.337	44.563	83.10	33.892	12.784	26.50	
034.1699.00	65.82	-	7.00 1.00	824.500	86.429	91.60	58.439	22.020	26.46	

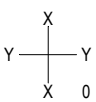
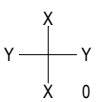


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0580.01	-	-	5.00	-	-	-	-	-	-	

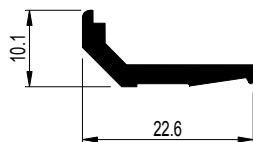
034.0580.01

HPVC

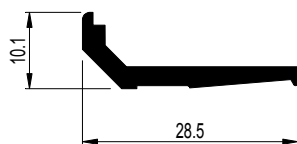


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
034.0082.00	11.97	-	7.00	-	-	-	-	-	-	
034.0083.00	6.08	-	7.00	-	-	-	-	-	-	
034.0084.00	7.26	-	7.00	-	-	-	-	-	-	
034.0085.00	8.06	-	7.00	-	-	-	-	-	-	
034.0086.00	8.86	-	7.00	-	-	-	-	-	-	
034.0087.00	9.66	-	7.00	-	-	-	-	-	-	
034.0088.00	10.46	-	7.00	-	-	-	-	-	-	
034.0089.00	11.17	-	7.00	-	-	-	-	-	-	

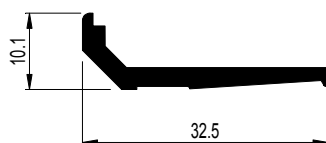
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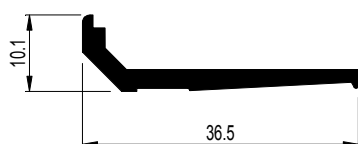
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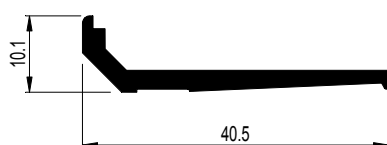
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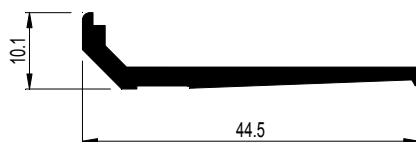
034.0086.00



034.0087.00



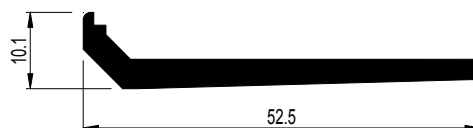
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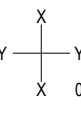


034.0089.00

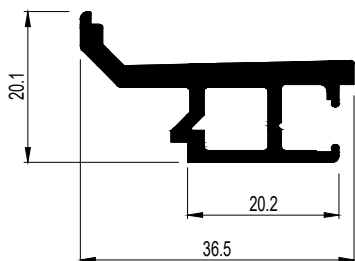


034.0082.00

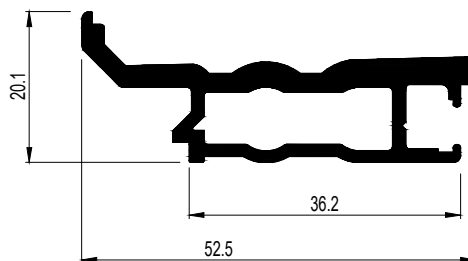


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0380.00	13.32	-	7.00	1.902	0.987	17.24	0.468	0.426	9.11	
034.0381.00	15.33	-	7.00	2.641	1.236	19.13	0.526	0.474	9.00	
034.0382.00	16.56	-	7.00	3.498	1.504	21.24	0.547	0.490	8.93	
034.0383.00	15.80	-	7.00	4.833	1.872	22.68	0.612	0.552	9.02	
034.0384.00	16.70	-	7.00	6.173	2.201	24.46	0.658	0.585	8.85	
034.0386.00	18.29	-	7.00	9.440	3.002	29.05	0.774	0.677	8.67	
034.0388.00	19.74	-	7.00	13.848	3.874	32.76	0.909	0.784	8.50	

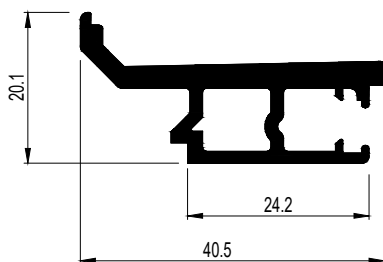
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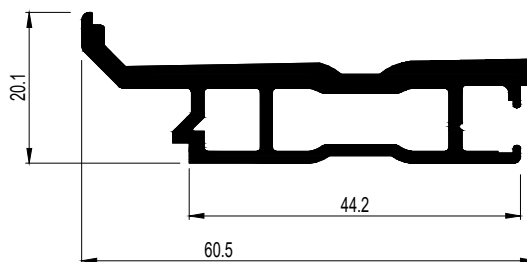
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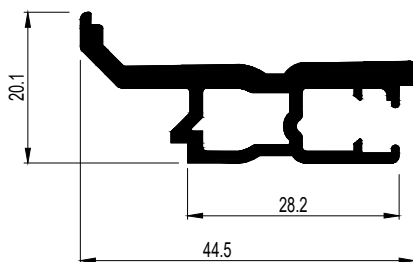
034.0381.00



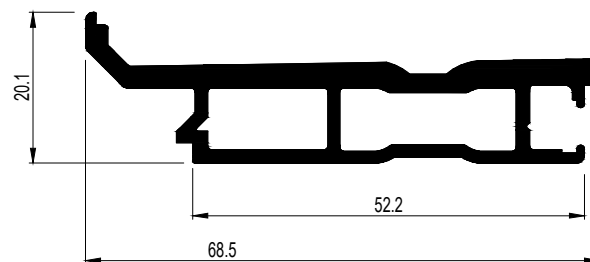
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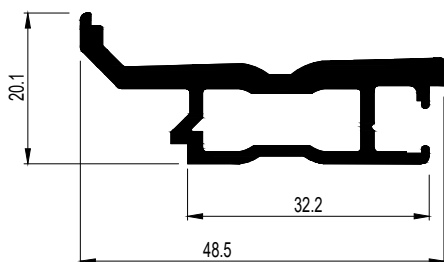
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034.0388.00

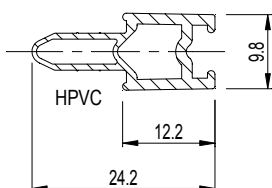


034.0383.00

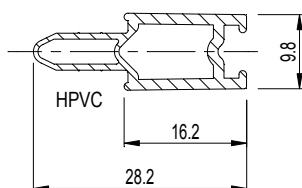


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0070.04	-	-	7.00	-	-	-	-	-	-	
034.0071.04	-	-	7.00	-	-	-	-	-	-	
034.0072.04	-	-	7.00	-	-	-	-	-	-	
034.0073.04	-	-	7.00	-	-	-	-	-	-	
034.0074.04	-	-	7.00	-	-	-	-	-	-	
034.0075.04	-	-	7.00	-	-	-	-	-	-	
034.0076.04	-	-	7.00	-	-	-	-	-	-	

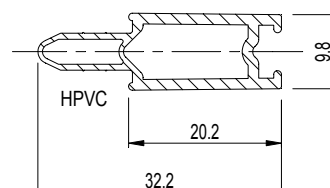
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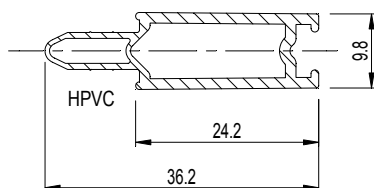
034.0071.04



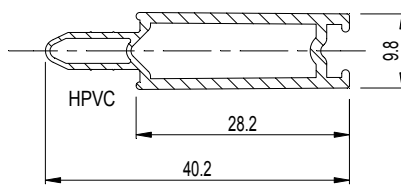
034.0072.04



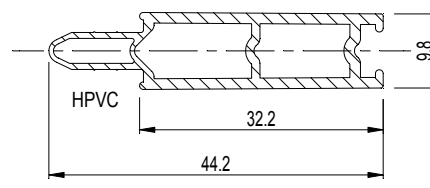
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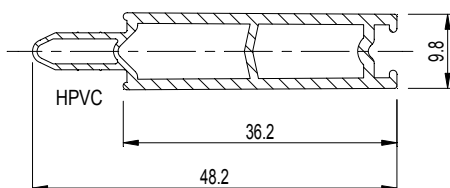
034.0074.04

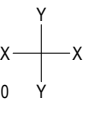


034.0075.04

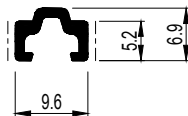


034.0076.04

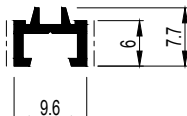


	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
034.0420.XX	13.85	6.5	7.00	-	-	-	-	-	-	
034.0514.XX	6.06	0.2	7.00	-	-	-	-	-	-	
034.0517.XX	4.36	0.8	7.00	-	-	-	-	-	-	
034.0610.04	-	-	7.00	-	-	-	-	-	-	
034.0611.04	-	-	7.00	-	-	-	-	-	-	
034.0615.XX	10.62	3.2	7.00	-	-	-	-	-	-	
034.0616.XX	12.42	4.8	7.00	-	-	-	-	-	-	
034.0617.XX	5.28	1.2	7.00	-	-	-	-	-	-	
034.0618.XX	6.88	2.0	7.00	-	-	-	-	-	-	
034.0619.XX	11.26	3.6	7.00	-	-	-	-	-	-	

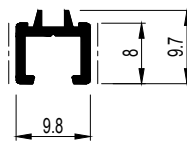
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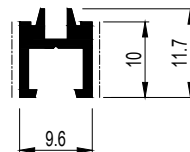
034.0617.XX



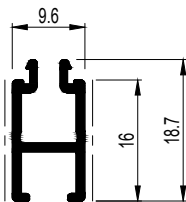
034.0514.XX



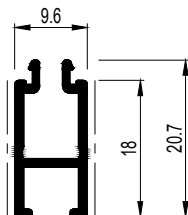
034.0618.XX



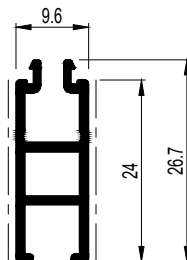
034.0615.XX



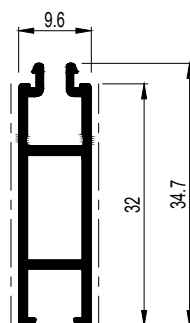
034.0619.XX



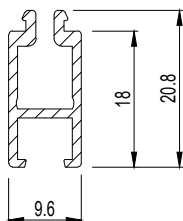
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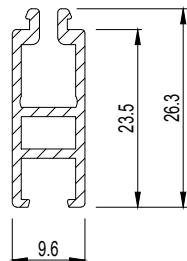
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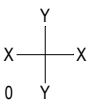


034.0610.04

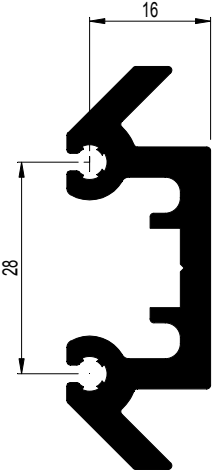


034.0611.04

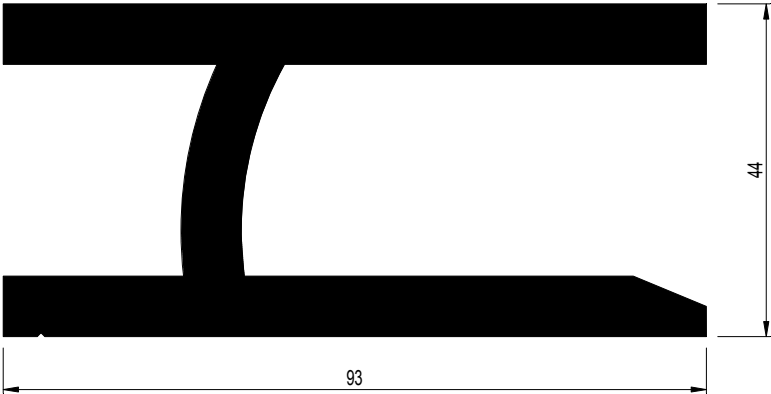


	 A dm ² /m	 P dm ² /m	 L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
034.0080.00	44.19	-	6.00/1.00	-	-	-	-	-	-	
034.0081.00	60.35	-	5.00/1.00	-	-	-	-	-	-	
034.1645.00	22.97	-	7.00	9.252	3.471	26.66	1.225	1.164	10.52	

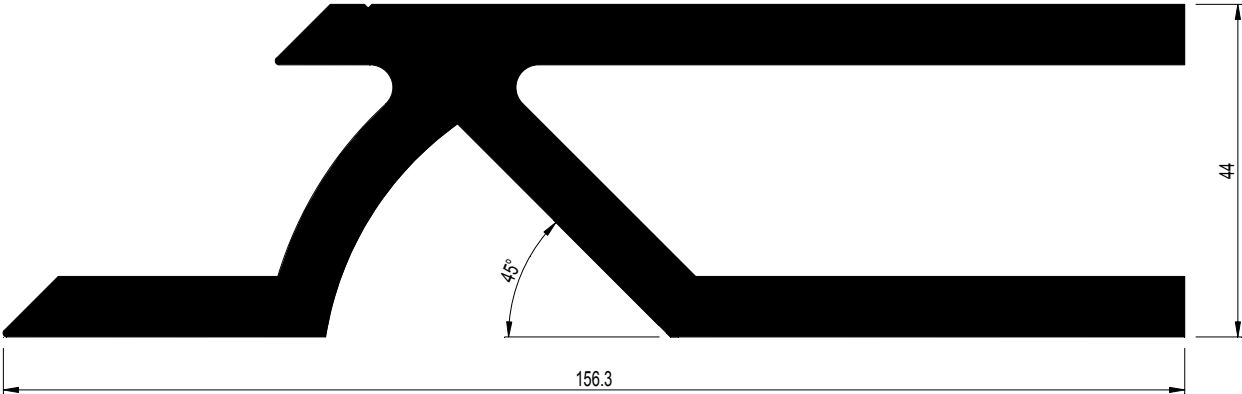
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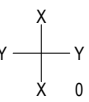
034.0080.00



034.0081.00

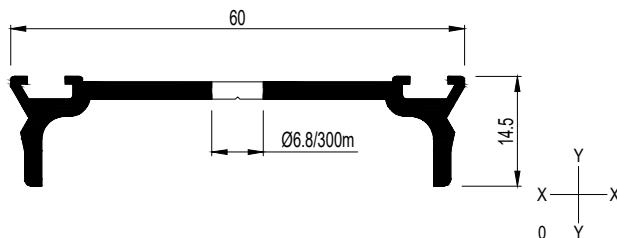


D0056744

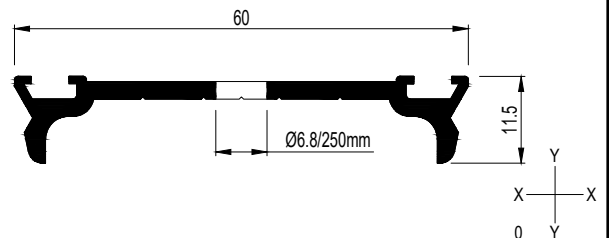
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
034.0630.00	17.15	-	7.00	0.116	0.142	8.19	7.096	2.365	30.00	
034.0631.00	17.15	-	7.00	0.116	0.142	8.19	7.096	2.365	30.00	
034.0646.00	15.88	-	7.00	0.064	0.098	6.57	5.971	2.081	28.70	
034.0647.00	16.02	-	7.00	0.065	0.098	6.58	6.013	2.095	28.70	
034.3634.00	18.33	-	7.00	0.242	0.231	10.47	8.203	2.734	30.00	
034.3635.00	18.33	-	7.00	0.242	0.231	10.47	8.203	2.734	30.00	

PROFIEL VERTIKAAL PROFILE VERTICAL PROFILE VERTICAL PROFIL VERTIKAL	PROFIEL HORIZONTAAL PROFILE HORIZONTAL PROFILE HORIZONTAL PROFIL HORIZONTALE	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLAZUNGSDICHTUNG
034.0646.00 + 034.0641.XX	034.0647.00 + 034.0640.XX	080.9880.04
034.3634.00 / 034.0631.00 +	034.3635.00 / 034.0630.00 +	080.9740.SY
034.0637.XX / 034.0639.XX	034.0638.XX / 034.0636.XX	080.9741.SY
034.0631.00 + 034.0641.XX	034.0630.00 + 034.0640.XX	080.9742.SY

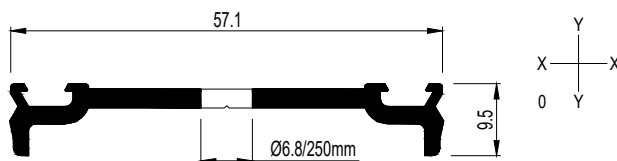
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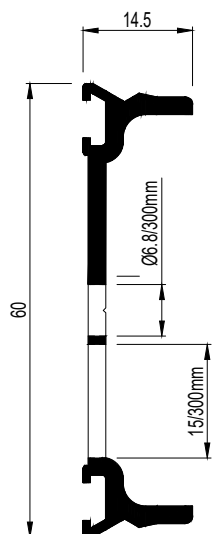
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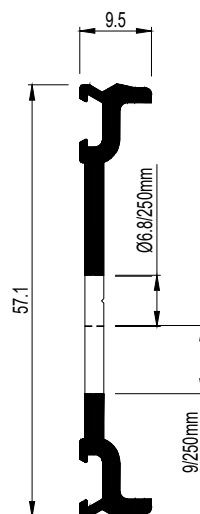
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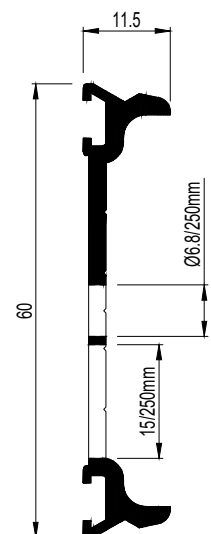
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034.0647.00

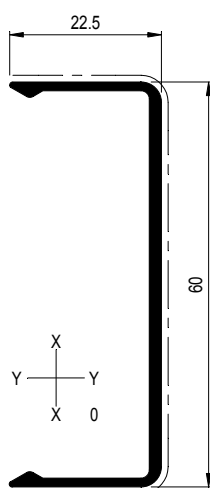


034.0630.00

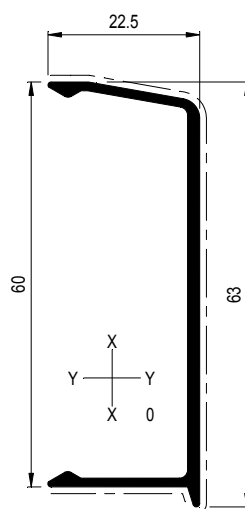


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
034.0636.XX	20.66	10.8	7.00	0.738	0.407	18.11	7.958	2.492	28.07	
034.0637.XX	24.57	11.4	7.00	1.278	0.593	21.53	10.118	3.364	30.08	
034.0638.XX	20.49	10.4	7.00	0.733	0.406	18.07	7.932	2.644	30.00	
034.0639.XX	26.57	12.4	7.00	2.023	0.811	24.95	11.238	3.737	30.07	
034.0640.XX	16.83	8.7	7.00	0.143	0.136	2.54	5.441	1.814	30.00	
034.0641.XX	17.63	9.1	7.00	0.217	0.182	3.05	5.889	1.963	30.00	

034.0638.XX



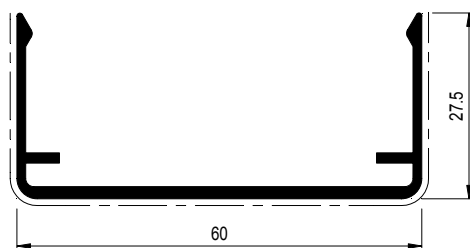
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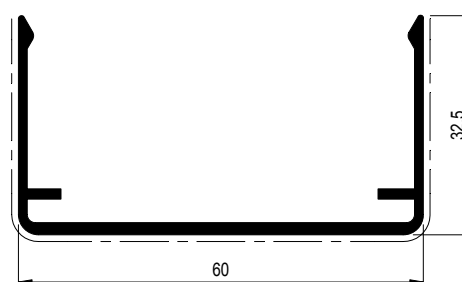
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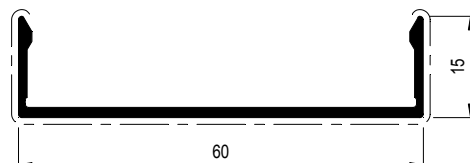
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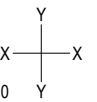


034.0639.XX

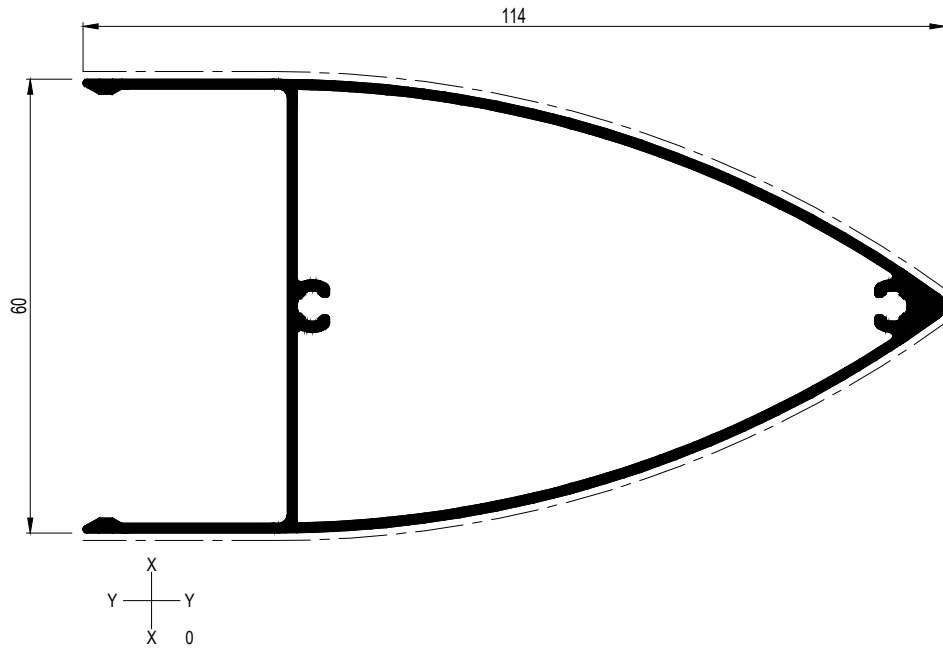


034.0641.XX

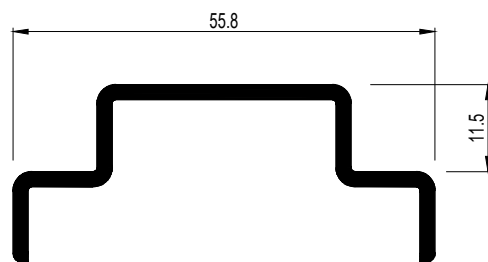


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0643.XX	35.46	24.4	7.00	50.636	8.614	55.22	19.360	6.453	30.00	
034.0612.00	19.28	-	7.00	0.900	0.607	14.84	6.572	2.355	27.90	

034.0643.XX

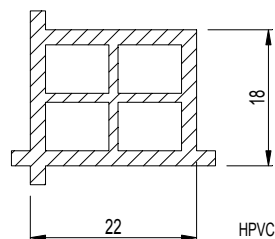


034.0612.00

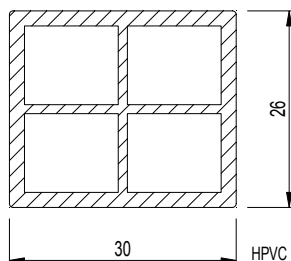


	A dm ² /m	P dm ² /m	L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
034.0581.04	-	-	7.00	-	-	-	-	-	-	
034.0582.04	-	-	7.00	-	-	-	-	-	-	
034.0587.04	-	-	7.00	-	-	-	-	-	-	
034.0589.04	-	-	7.00	-	-	-	-	-	-	
034.1588.04	-	-	7.00	-	-	-	-	-	-	

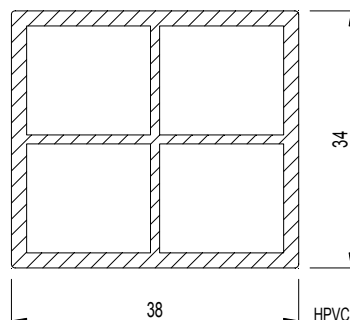
034.0589.04



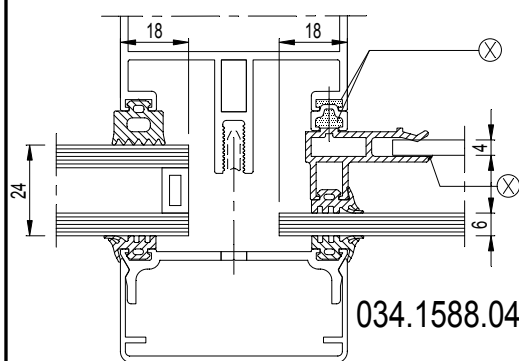
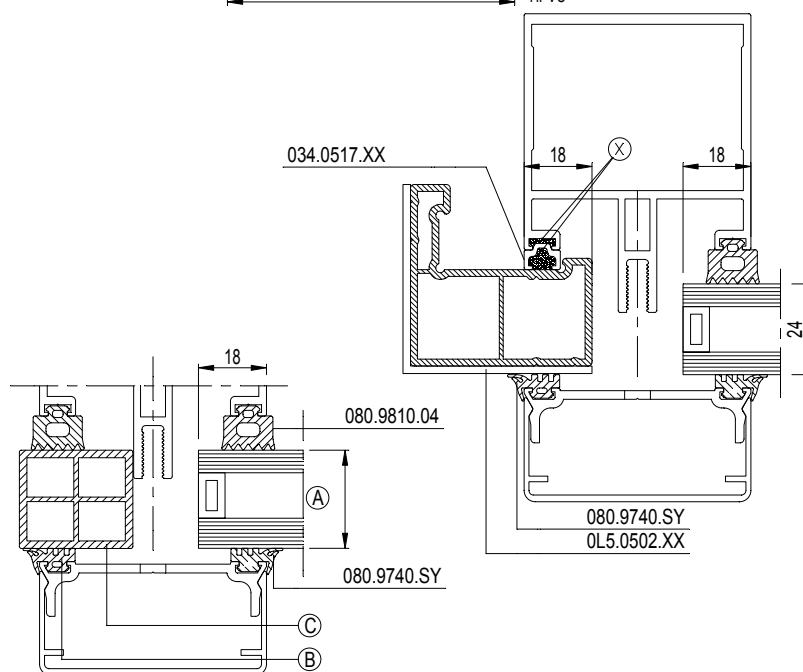
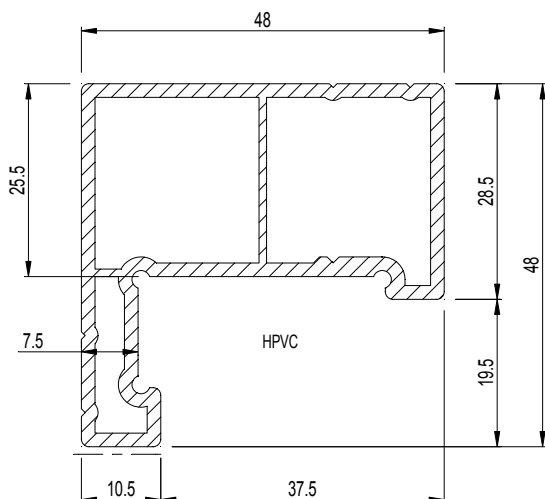
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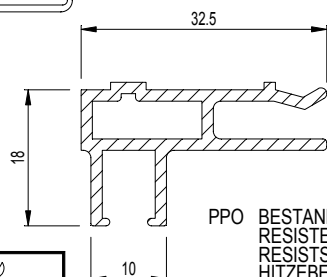
034.0582.04



034.0587.04



034.1588.04



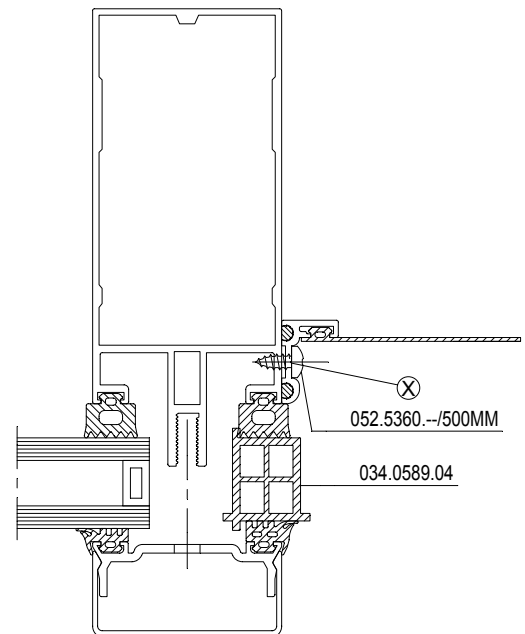
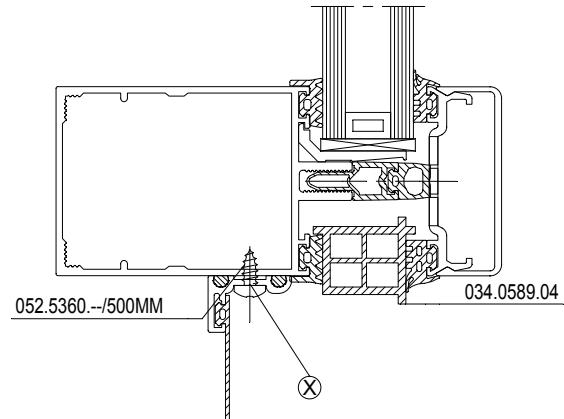
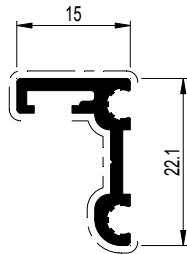
PPO BESTAND TEGEN 110°C
 RESISTE 110°C
 RESISTS 110°C
 HITZEBESTAENDIG BIS 110°

	034.1588.04	
	068.8049.00	---

A	B	C
GLAS VERRE GLASS GLAS	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLAZUNGSDICHTUNG	VULPROFIEL KUNSTSTOF PROF;REMP. MAT.SYNT. FILLING PRO. SYNT MAT. FUELLUNGSPROF KUNST.
18 mm	080.9740.SY	034.0589.04
20 mm	080.9741.04	034.0589.04
22 mm	080.9740.SY	034.0589.04
24 mm	080.9741.04	034.0589.04
26 mm	080.9740.SY	034.0581.04
28 mm	080.9741.04	034.0581.04
30 mm	080.9740.SY	034.0581.04
32 mm	080.9741.04	034.0581.04
34 mm	080.9740.SY	034.0582.04
36 mm	080.9741.04	034.0582.04
38 mm	080.9740.SY	034.0582.04
40 mm	080.9741.04	034.0582.04

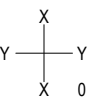
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0160.XX	10.44	4.7	7.00	-	-	-	-	-	-	

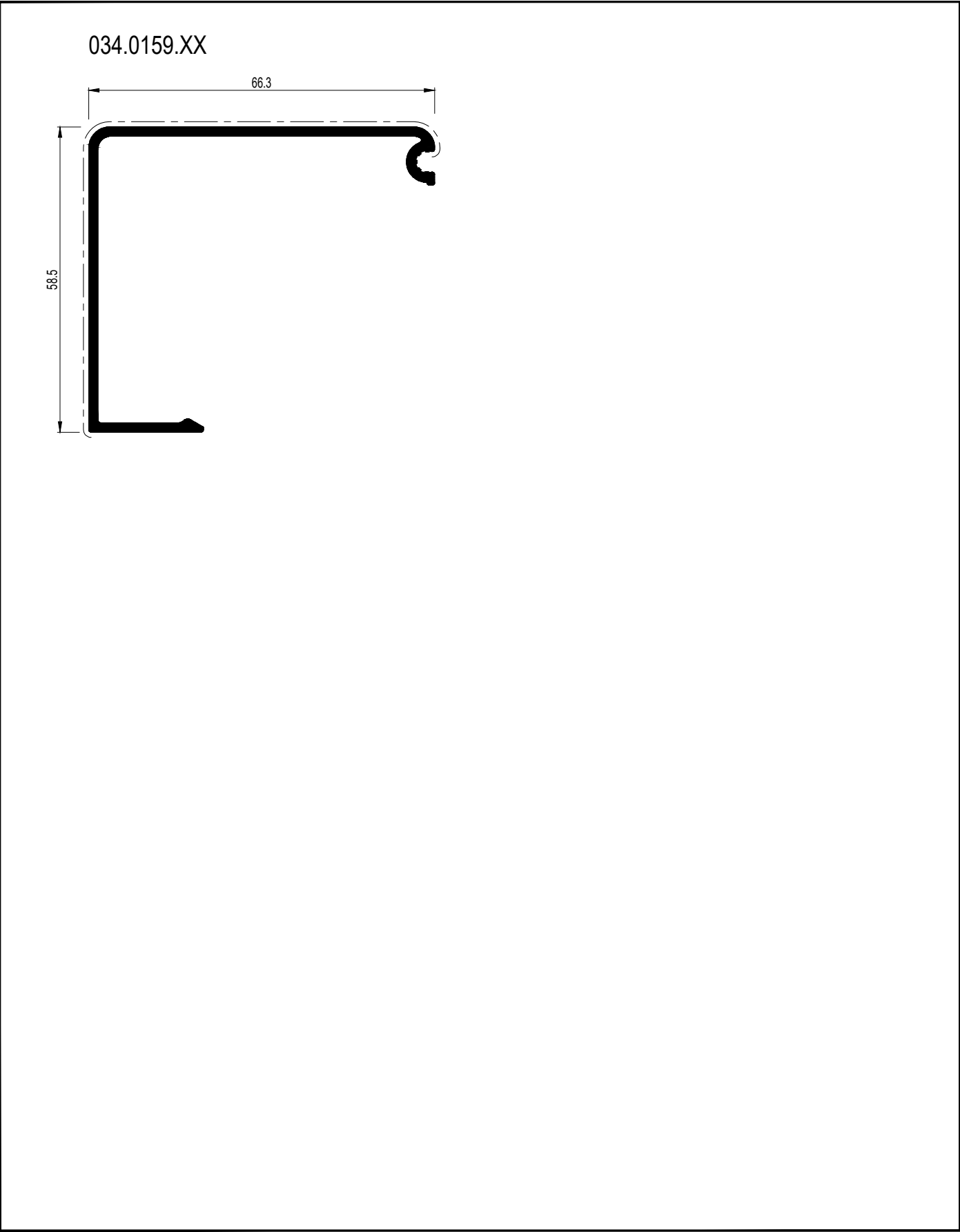
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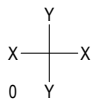
C

D0055328

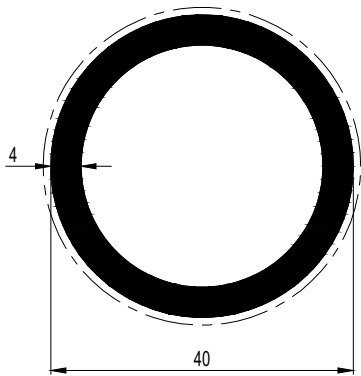
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0159.XX	31.30	12.7	7.00	14.852	3.308	44.90	13.691	3.520	38.90	



D0083680

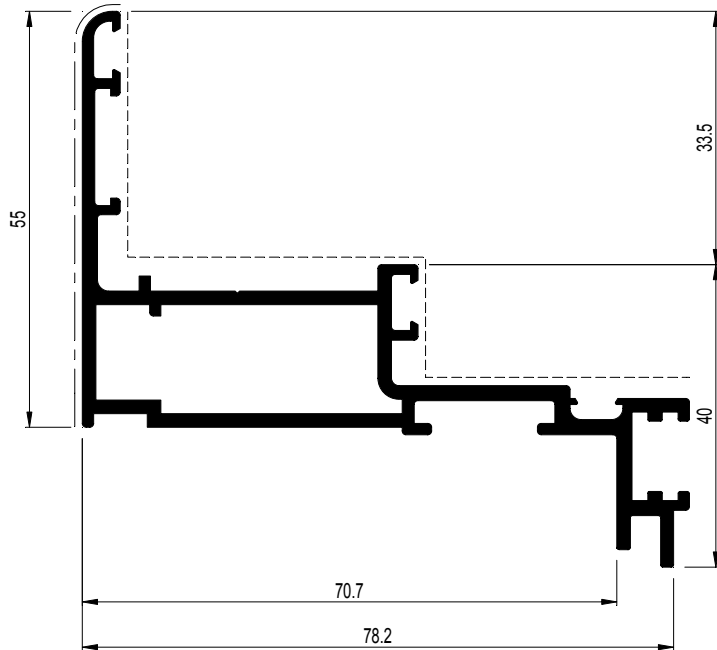
	 A dm ² /m	 P dm ² /m	 Lm	Ix cm ⁴	Wx cm ³	ax mm	Iy cm ⁴	Wy cm ³	ay mm	
0B0.4004.XX	12.57	12.6	6.00	7.419	3.710	20.00	7.419	3.710	20.00	

0B0.4004.XX

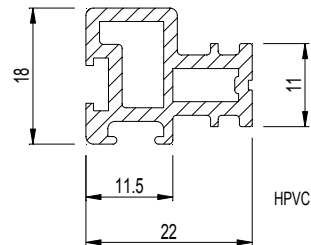


	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	X Y X 0
001.0075.17	4.90	1.8	6.00	-	-	-	-	-	-	
034.1116.17	5.35	-	7.00	-	-	-	-	-	-	
034.1121.XX	41.73	5.9	7.00	35.135	7.557	46.49	10.859	2.423	44.82	
034.1122.XX	24.46	8.1	7.00	10.831	3.529	23.61	5.598	2.200	25.45	
034.1123.04	-	-	7.00	0.725	0.603	9.98	0.402	0.439	9.16	

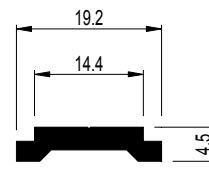
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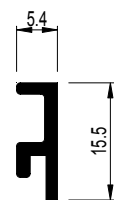
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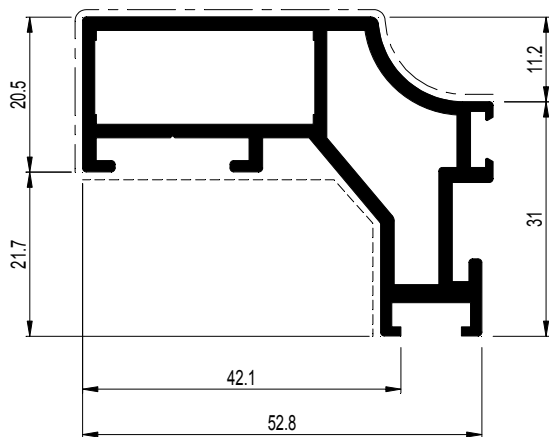
001.0075.17



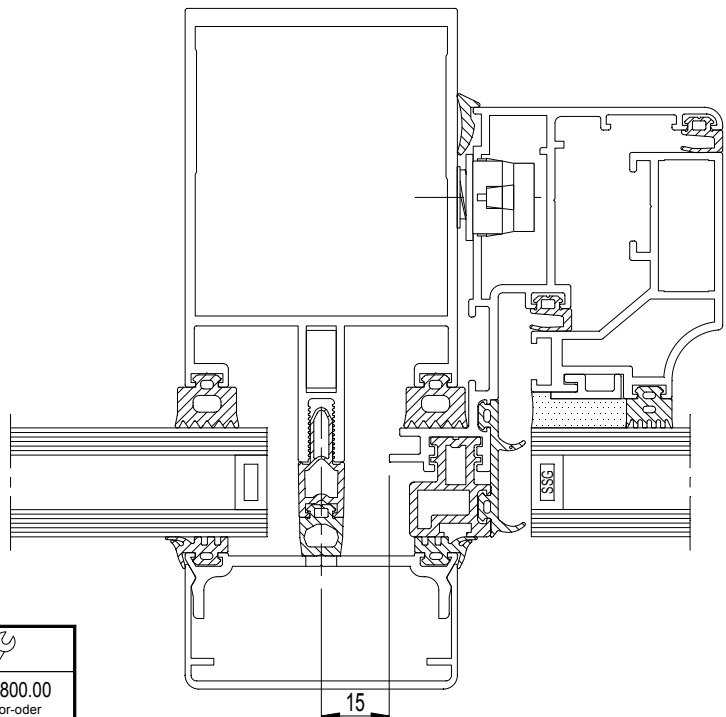
034.1116.17



034.1122.XX

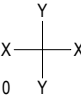


!
BESTELLEN 034.1116.17, ZIE VERWERKINGSVOORSCHRIFTEN
COMMANDER 034.1116.17, VOIR RECOMMANDATIONS DE MISE EN OEVRE
ORDERING 034.1116.17, SEE PROCESSING DATA
BESTELLEN 034.1116.17, SIEHE VERARBEITUNGSVORSCHRIFTEN

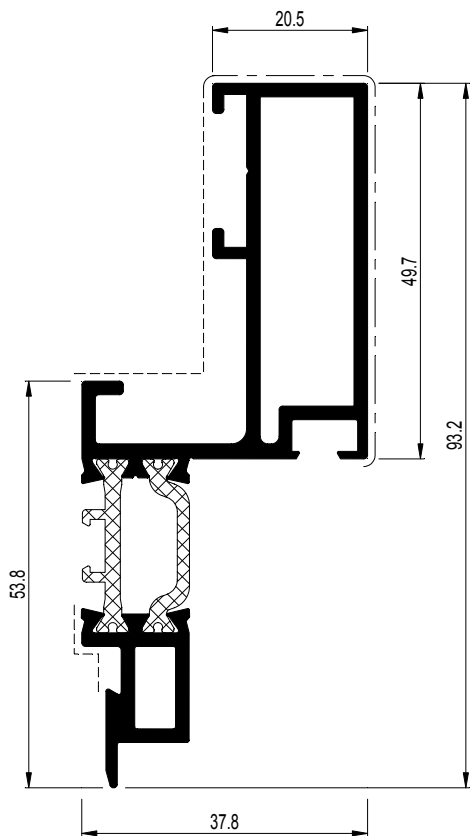


	034.1121.XX	
	068.7562.00	095.H800.00 of-ou-or-oder 095.B500.00
	068.7563.00	---
	060.7722.--	---

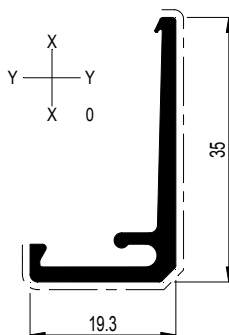
	034.1122.XX	
	068.7571.00	095.H800.00 of-ou-or-oder 095.B500.00

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0125.XX	12.41	5.7	7.00	-	-	-	-	-	-	
034.1113.XX	27.07	8.1	7.00	11.931	3.721	23.33	5.688	2.199	25.87	
034.2120.XX	30.57	7.1	7.00	22.688	4.526	50.13	6.743	3.459	19.49	

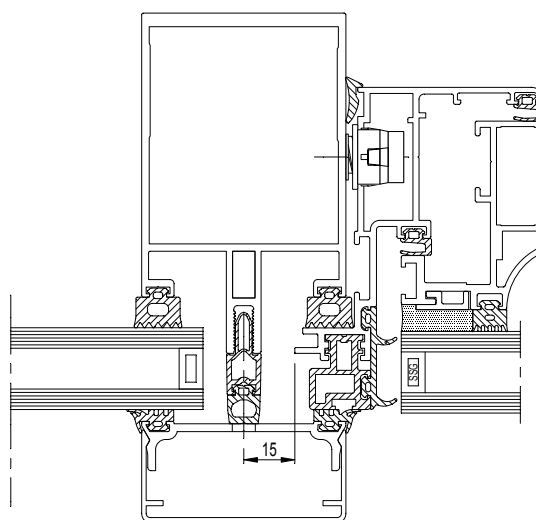
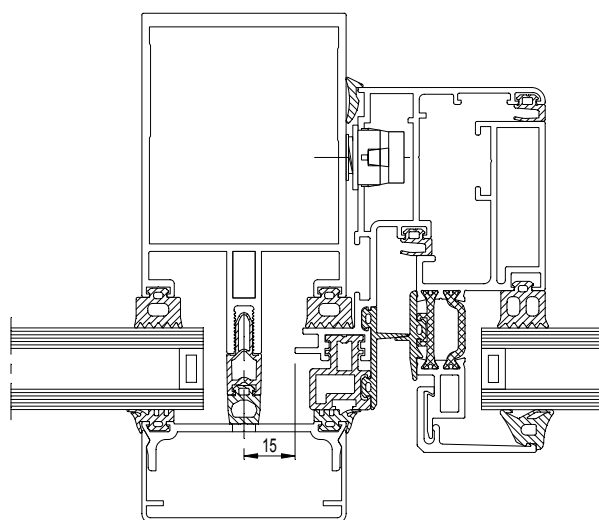
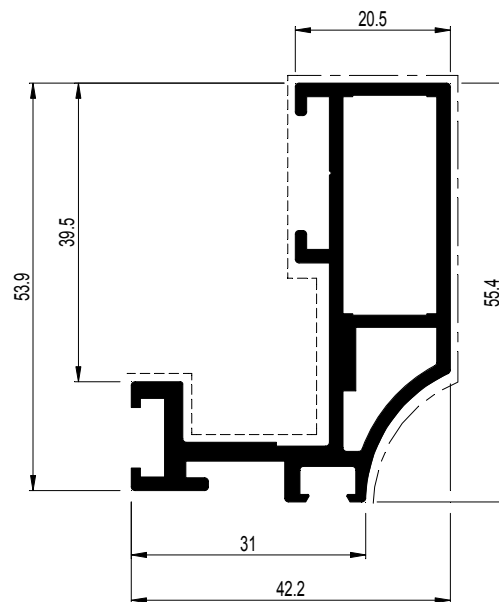
034.2120.XX



007.0125.XX



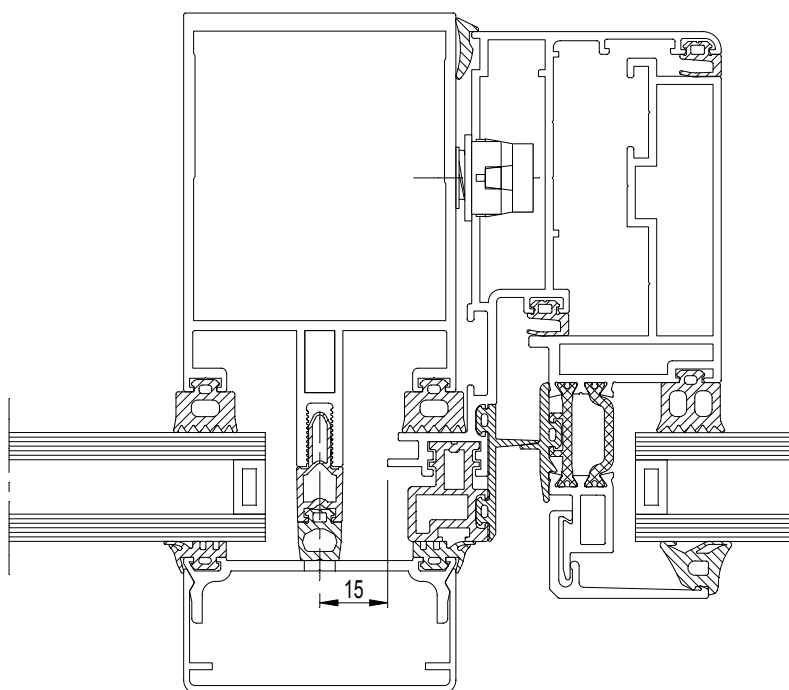
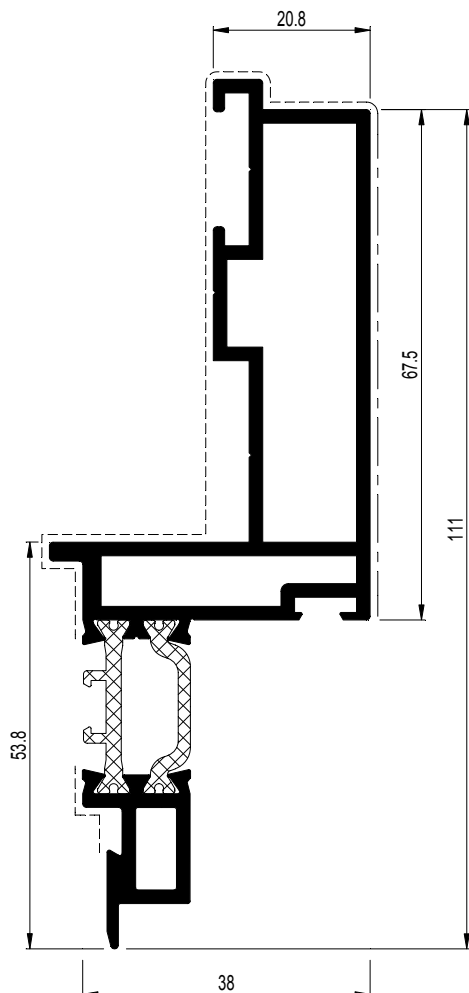
034.1113.XX



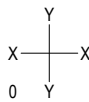
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	068.7571.00	095.H800.00 of-ou-or-oder 095.B500.00
	034.2120.XX	
	068.7302.00	095.H800.00 of-ou-or-oder 095.B500.00
	068.6505.--	---
	068.7851.00 068.5938.--	---

	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
034.0157.XX	33.23	6.8	7.00	43.265	7.336	58.98	8.916	3.635	24.53	

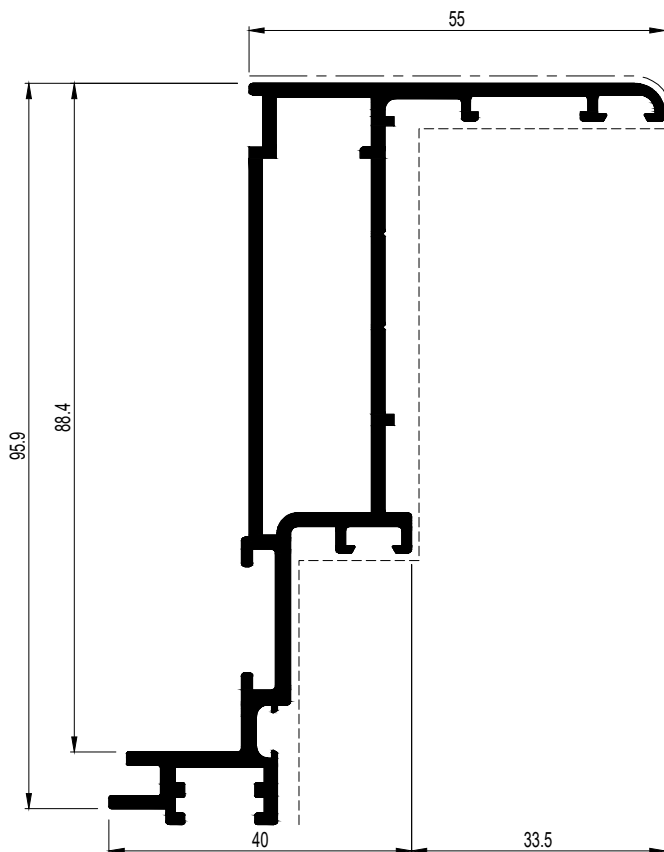
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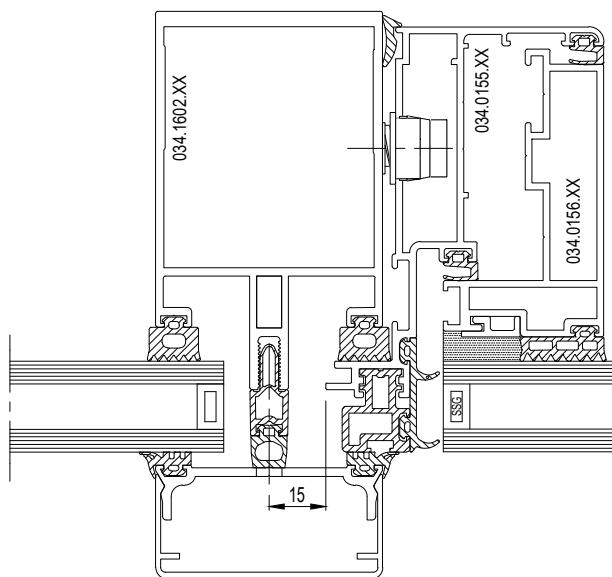
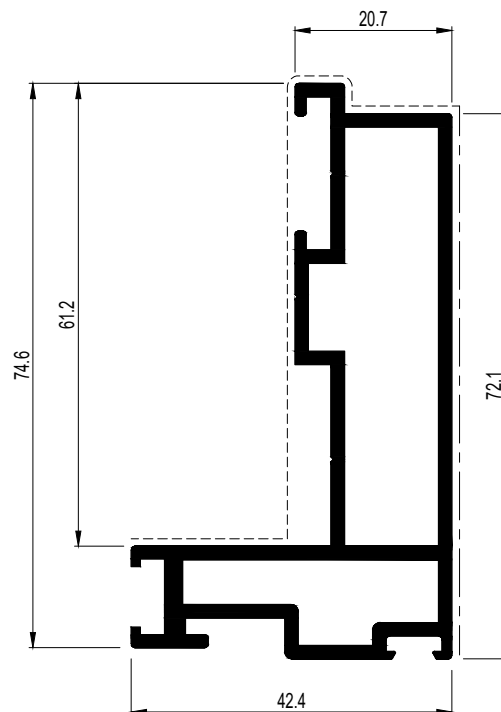
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	068.7561.00	095.H800.00 or-ou-or-oder 095.B500.00
	068.6505.--	---
	068.7851.00 068.5938.--	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0155.XX	45.37	5.9	7.00	58.797	10.654	55.19	11.287	2.510	44.96	
034.0156.XX	29.99	7.3	7.00	28.920	6.299	30.19	7.084	2.584	27.42	

034.0155.XX



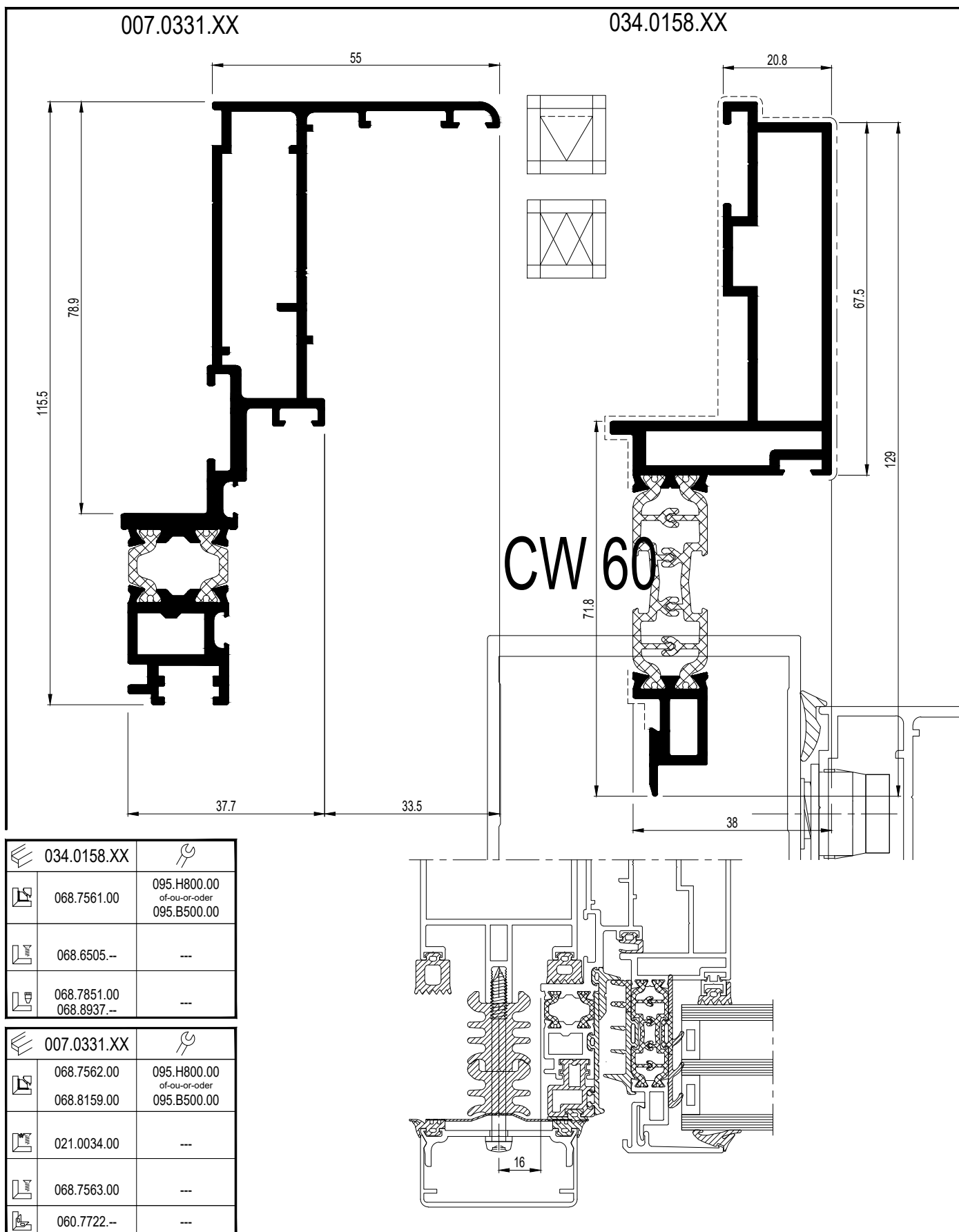
034.0156.XX



	034.0155.XX	
	068.7560.00	095.H800.00 of-ou-or-oder 095.B500.00
	068.7563.00	---
	060.7722.--	---

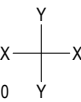
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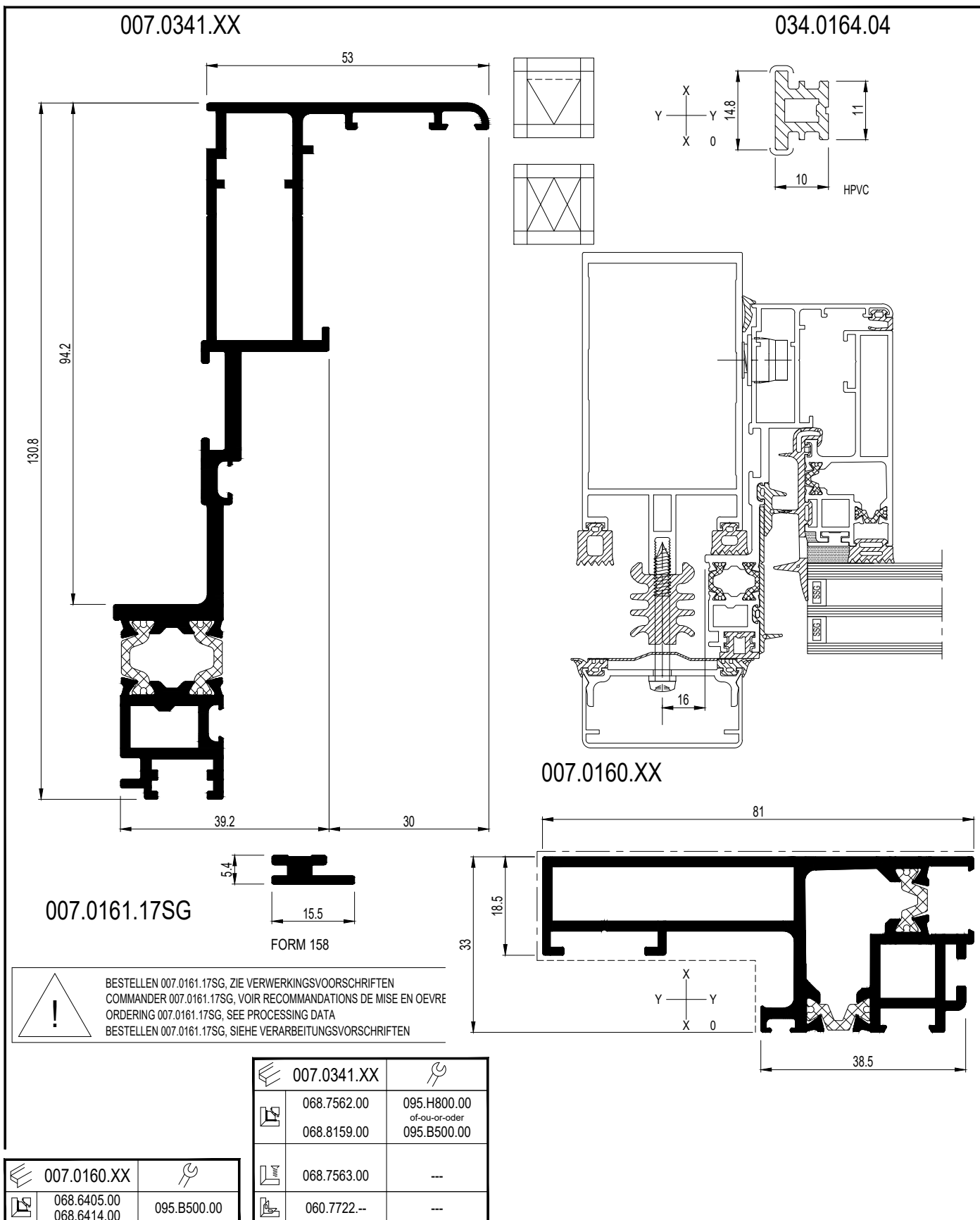
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	L_m	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$ax \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$ay \text{ mm}$	
007.0331.XX	48.13	5.9	7.00	76.774	12.931	59.37	15.767	3.212	23.41	
034.0158.XX	32.54	6.8	7.00	48.235	6.581	73.30	8.916	3.635	24.53	

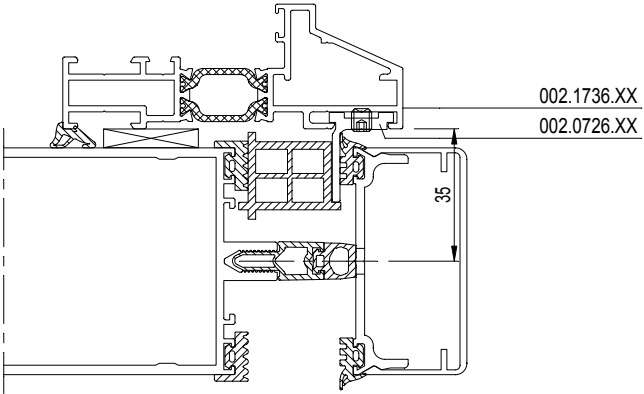
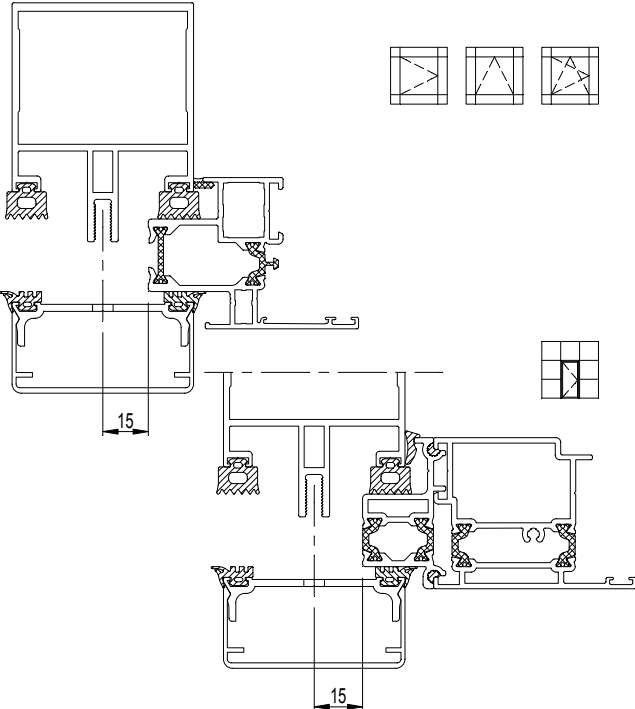
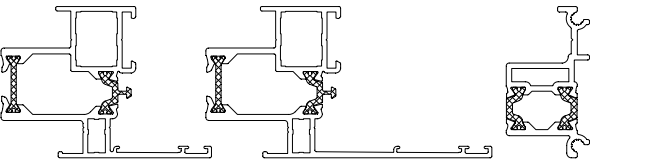
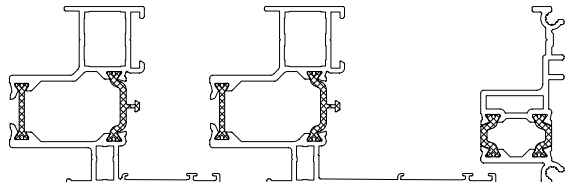
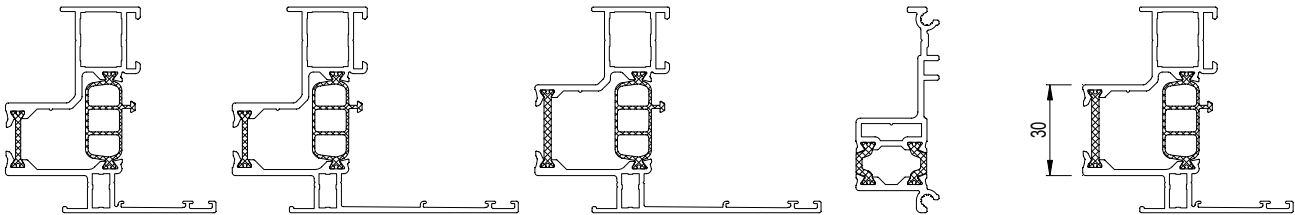
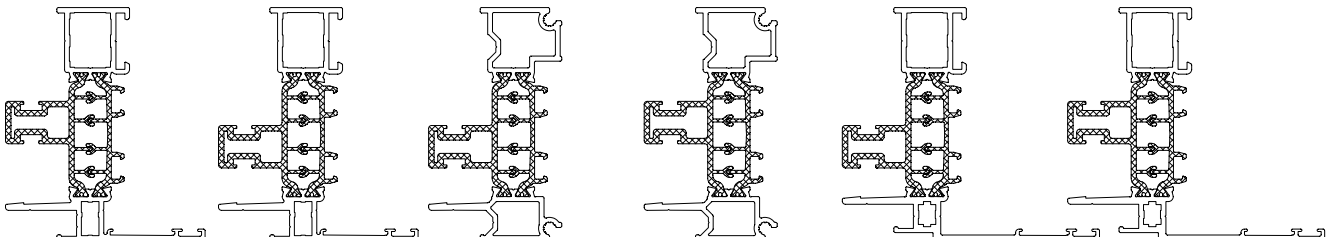


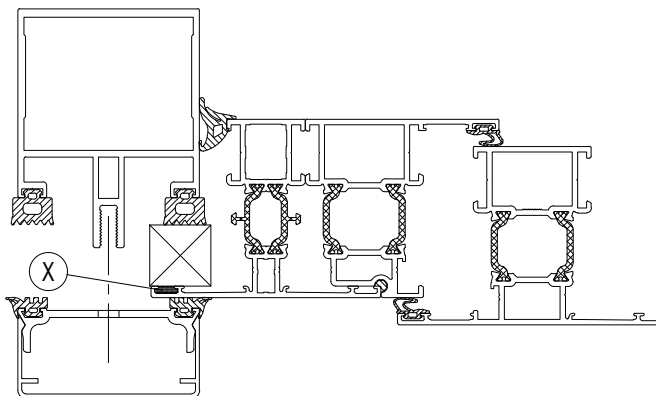
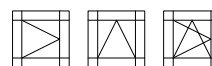
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	068.6505.--	---
	068.7851.00 068.8937.--	---

	007.0331.XX	
	068.7562.00 068.8159.00	095.H800.00 of-ou-or-oder 095.B500.00
	021.0034.00	---
	068.7563.00	---
	060.7722.--	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0160.XX	31.40	10.0	6.00	23.821	5.194	35.14	4.559	2.316	19.68	
007.0161.17SG	5.17	-	6.00	0.015	0.048	2.36	0.072	0.078	9.14	
007.0341.XX	49.72	5.7	7.00	106.412	15.665	67.93	14.556	3.029	22.45	
034.0164.04	-	-	7.00	0.088	0.158	4.47	0.111	0.150	7.40	



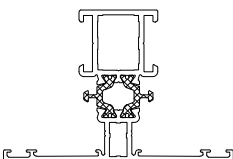
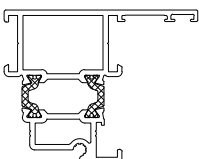
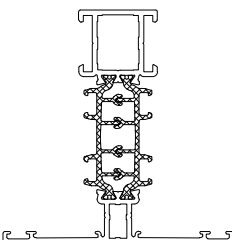
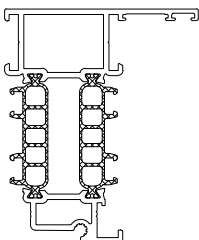
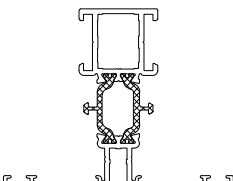
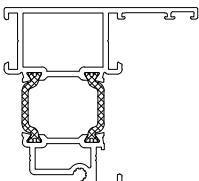
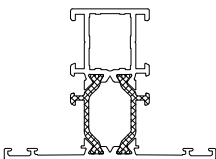
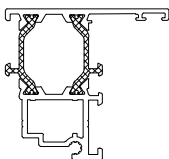
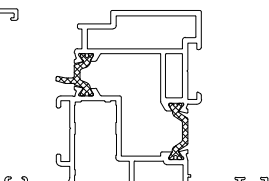
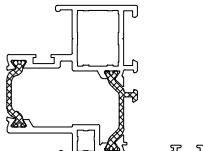
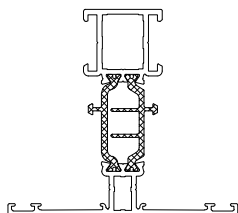
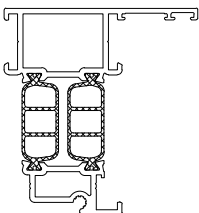
CS 38 002.0726.XX  002.1736.XX 002.0726.XX	
CS 59 / CS 59-HV 001.0826.XX 001.0538.XX 001.0836.XX 	CS 68 / CS 68-HV 005.0826.XX 005.0538.XX 005.0836.XX 
CS 77 / CS 77-HV 008.3826.XX 008.3538.XX 008.3539.XX 008.0836.XX 008.3827.XX 	
CS 86 / CS 86-HV 108.1827.XX 108.0826.XX 108.2835.XX 108.2836.XX 108.0538.XX 108.0539.XX 	

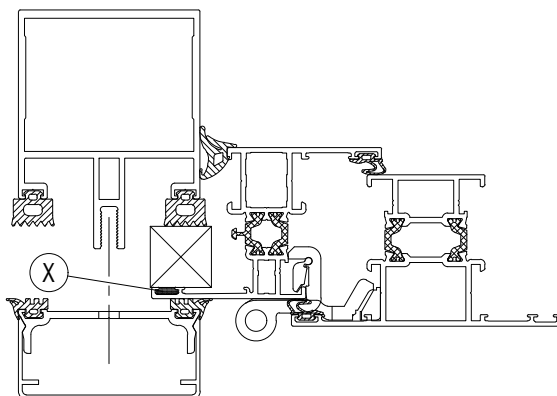
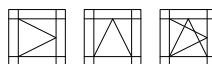


PRINCIPEVOORBEELD
EXEMPLE DE PRINCIPE
EXAMPLE IN PRINCIPLE
GRUNDSATZBEISPIEL



DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

CS 59		CS 86-HI		
001.0113.XX	001.1401.XX	108.0113.XX	108.3401.XX	
				
CS 68		ECO		
005.0113.XX	005.1401.XX	003.0013.XX	003.0001.XX	003.0051.XX
				
CS 77		103.0836.XX		
008.3113.XX	008.3401.XX			
				



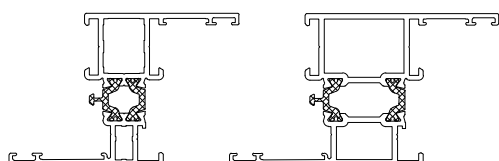
PRINCEPVOORBEELD
EXEMPLE DE PRINCIPE
EXAMPLE IN PRINCIPLE
GRUNDSATZBEISPIEL

(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

CS 59

001.1442.XX

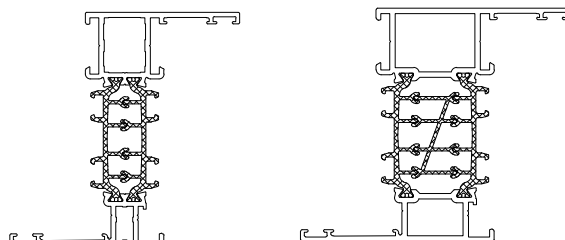
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CS 86-HI

108.0442.XX

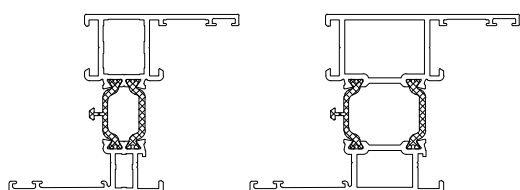
108.0443.XX



CS 68

005.1442.XX

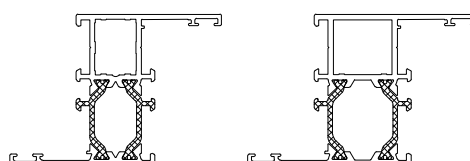
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ECO

003.0442.XX

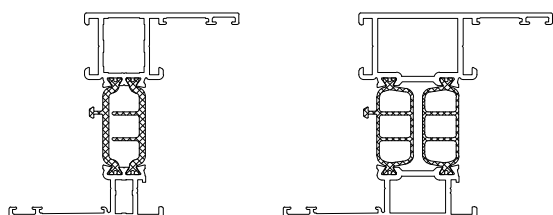
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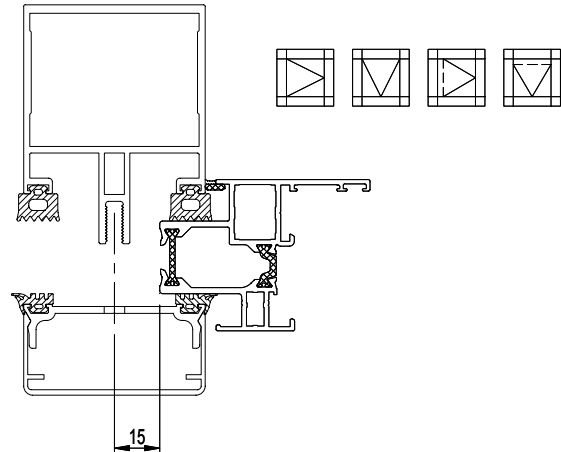
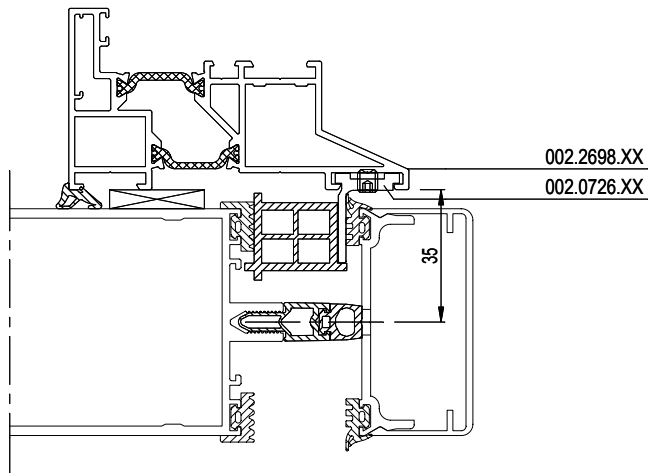
CS 77

008.3442.XX

008.3443.XX

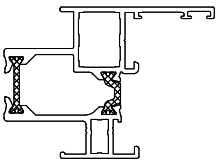


CS 38



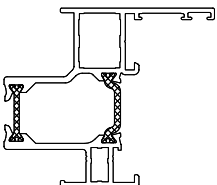
CS 59

001.1426.XX



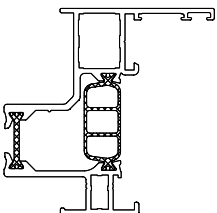
CS 68

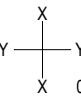
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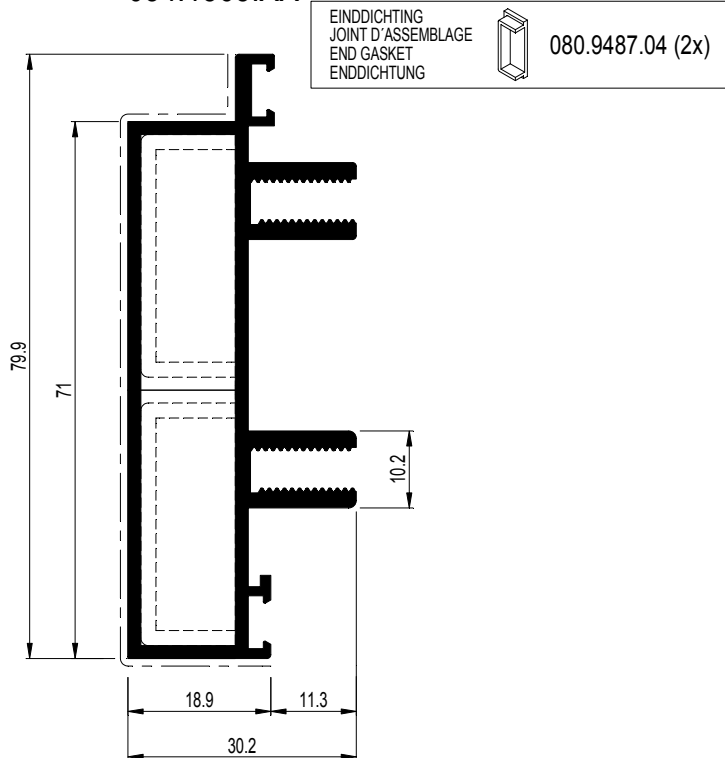
CS 77

008.3426.XX

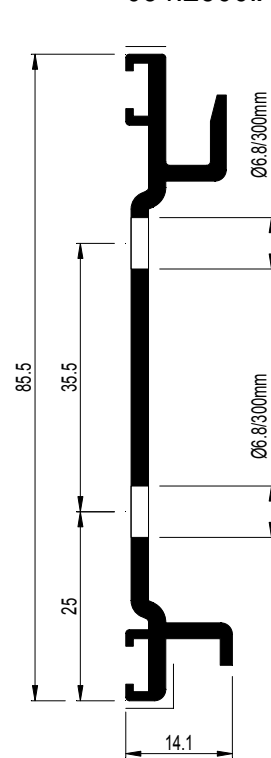


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$ax \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$ay \text{ mm}$	
034.1565.XX	36.05	11.2	7.00	3.671	2.159	17.00	25.473	6.290	39.43	
034.1567.XX	76.29	24.8	7.00	76.634	13.282	32.70	231.296	32.514	71.14	
034.2566.XX	26.69	1.2	7.00	-	-	-	-	-	-	

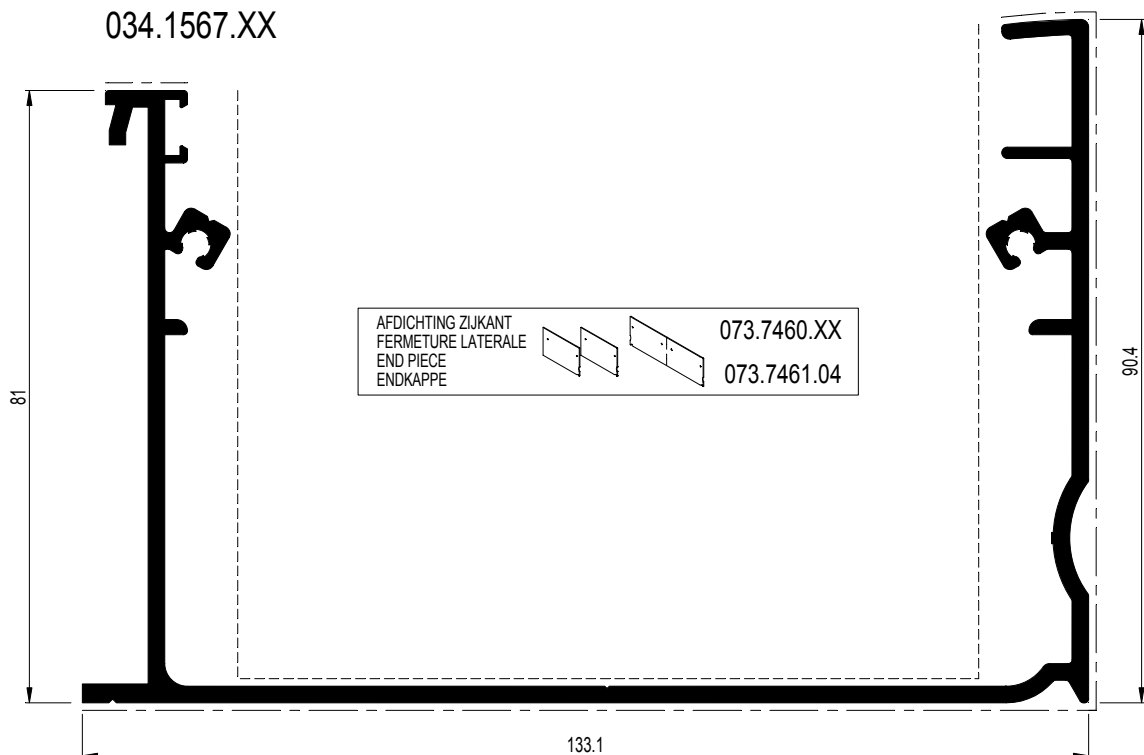
034.1565.XX



034.2566.XX

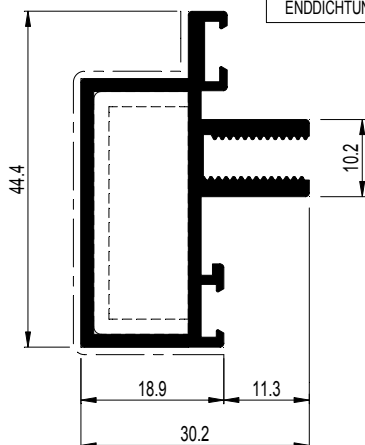


034.1567.XX



	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
034.0570.XX	15.37	7.6	7.00	-	-	-	-	-	-	
034.0571.XX	12.37	5.4	7.00	0.045	0.144	3.13	2.736	1.073	25.50	
034.0669.00	17.48	9.2	7.00	0.070	0.087	4.40	6.143	1.962	28.69	
034.0670.XX	19.29	9.8	7.00	0.727	0.474	15.35	6.214	1.769	28.08	
034.0672.XX	20.44	5.8	7.00	-	-	-	-	-	-	
034.1564.XX	22.22	8.2	7.00	1.950	1.137	17.15	4.191	1.826	21.48	
034.1574.XX	20.60	7.1	7.00	-	-	-	-	-	-	
034.2571.00	16.30	-	7.00	-	-	-	-	-	-	

034.1564.XX

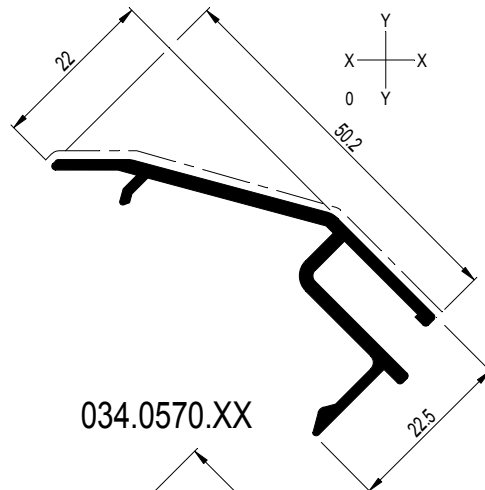


EINDDICHTING
JOINT D'ASSEMBLAGE
END GASKET
ENDDICHTUNG

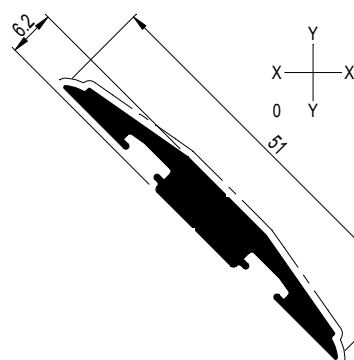


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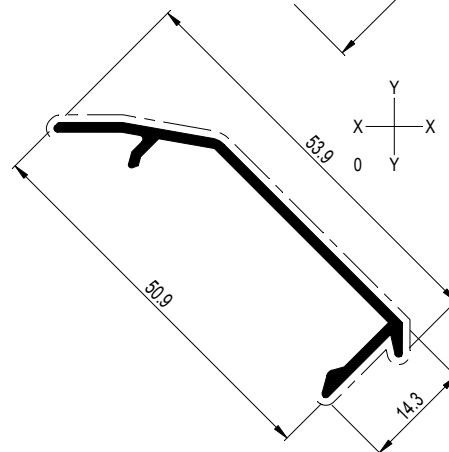
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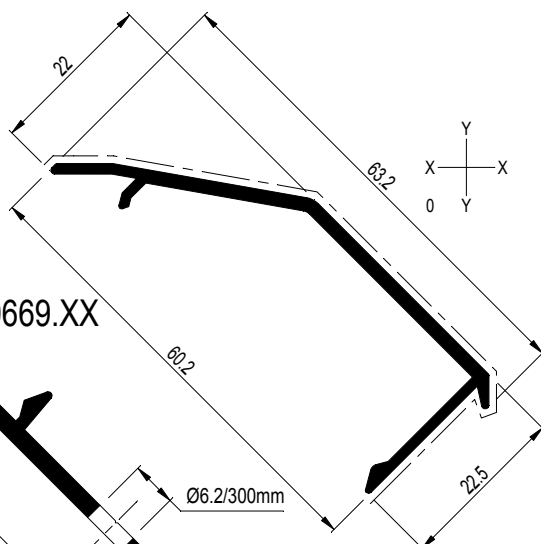
034.0571.XX



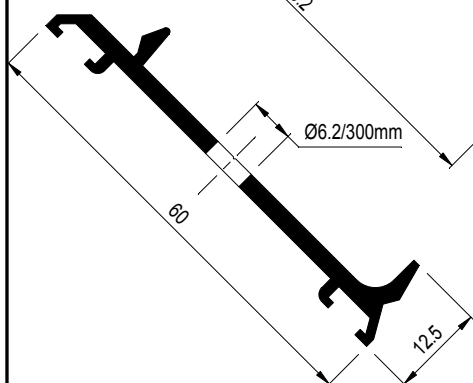
034.0570.XX



034.0670.XX

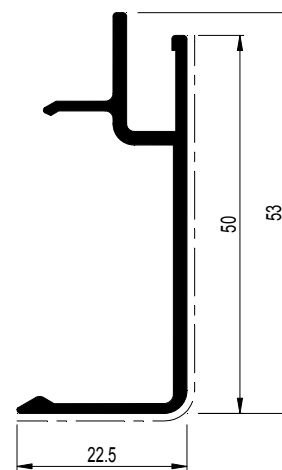
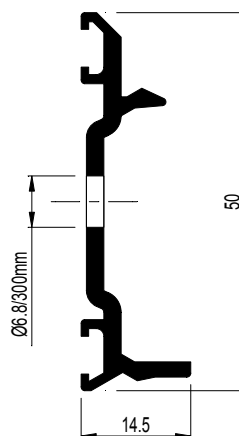


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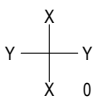


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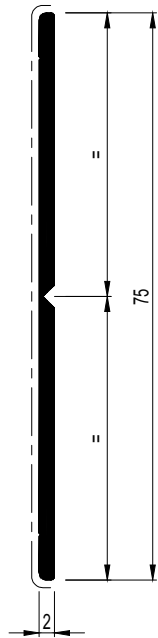
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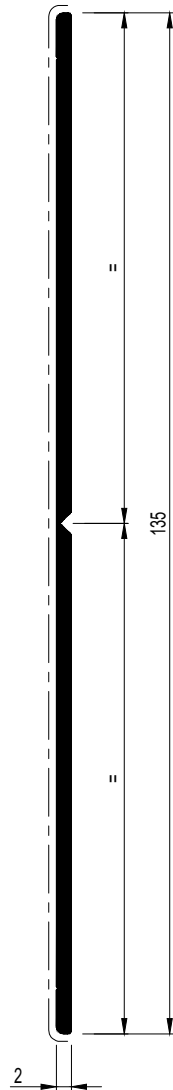
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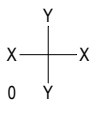
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x cm^4$	$W_x cm^3$	$a_x mm$	$I_y cm^4$	$W_y cm^3$	$a_y mm$	
007.0562.PA	15.43	7.9	7.00	-	-	-	-	-	-	
007.0563.PA	27.43	13.9	7.00	-	-	-	-	-	-	

007.0562.PA

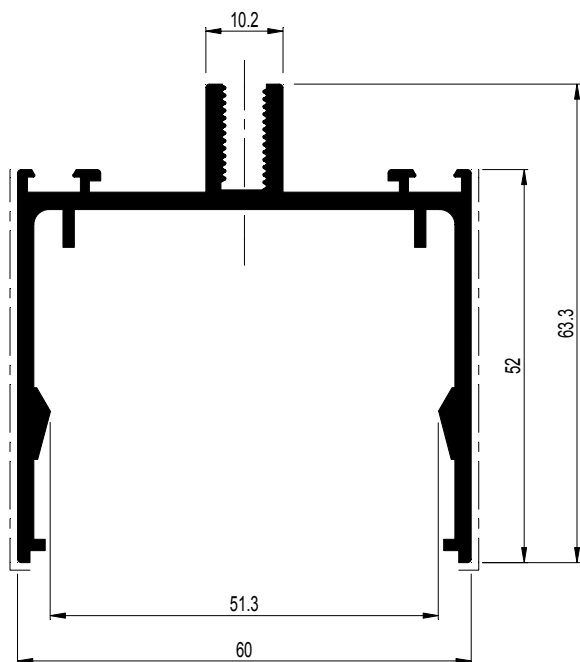


007.0563.PA

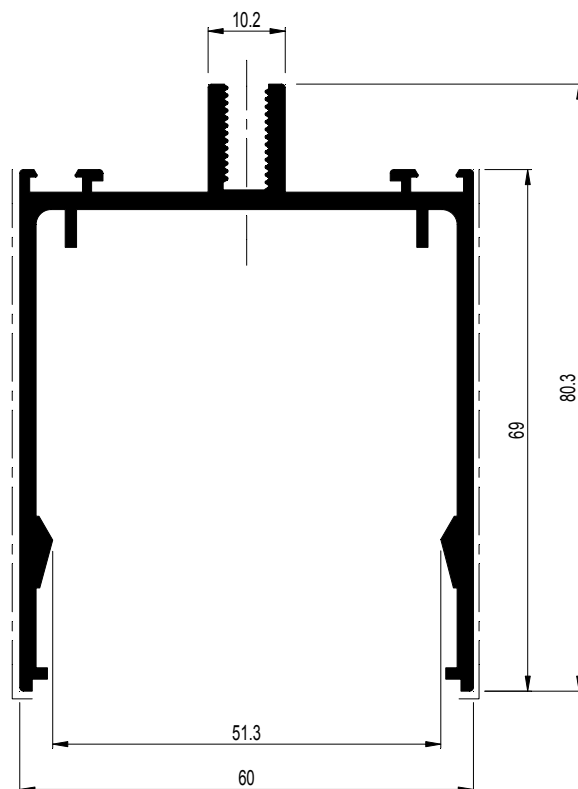


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
034.0064.XX	12.31	5.4	7.00	-	-	-	-	-	-	X Y 0
034.0526.XX	20.64	5.6	7.00	-	-	-	-	-	-	
034.1057.XX	44.16	10.7	7.00	13.362	3.618	26.37	25.402	8.465	30.01	
034.1058.XX	50.96	14.1	7.00	28.685	6.100	33.28	31.521	10.505	30.01	

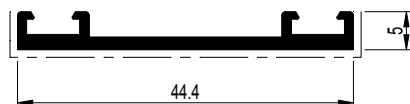
034.1057.XX



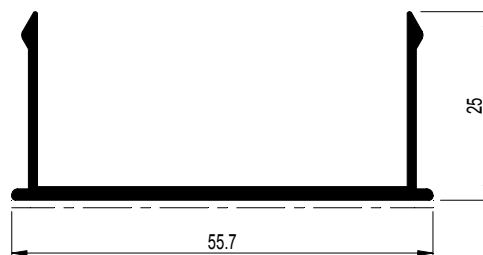
034.1058.XX

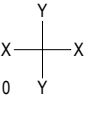


034.0064.XX

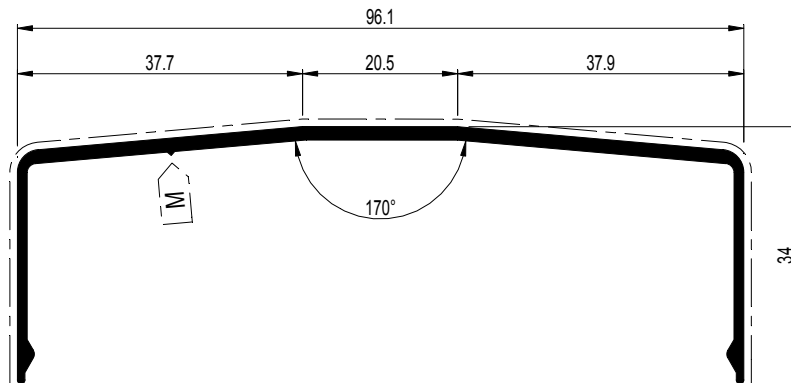


034.0526.XX

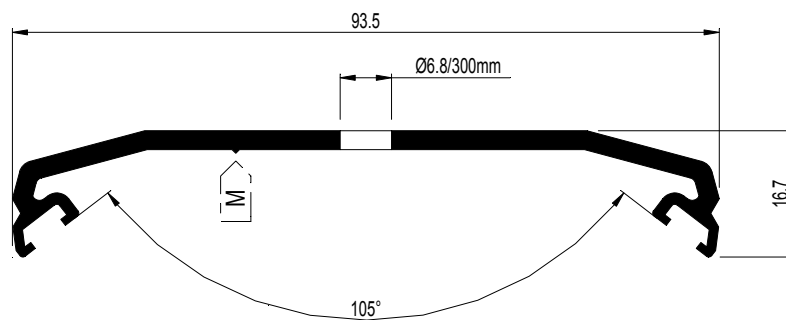


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0010.XX	30.92	15.7	7.00	-	-	-	-	-	-	
034.1011.00	26.42	11.9	7.00	-	-	-	-	-	-	
034.1013.00	27.65	12.1	7.00	-	-	-	-	-	-	

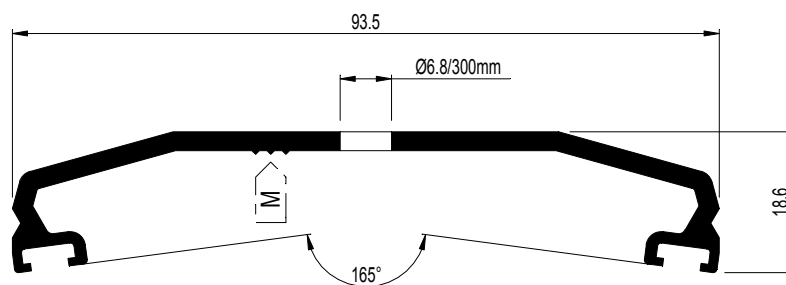
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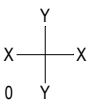


034.1011.00

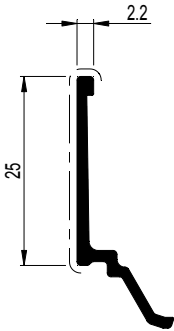


034.1013.00



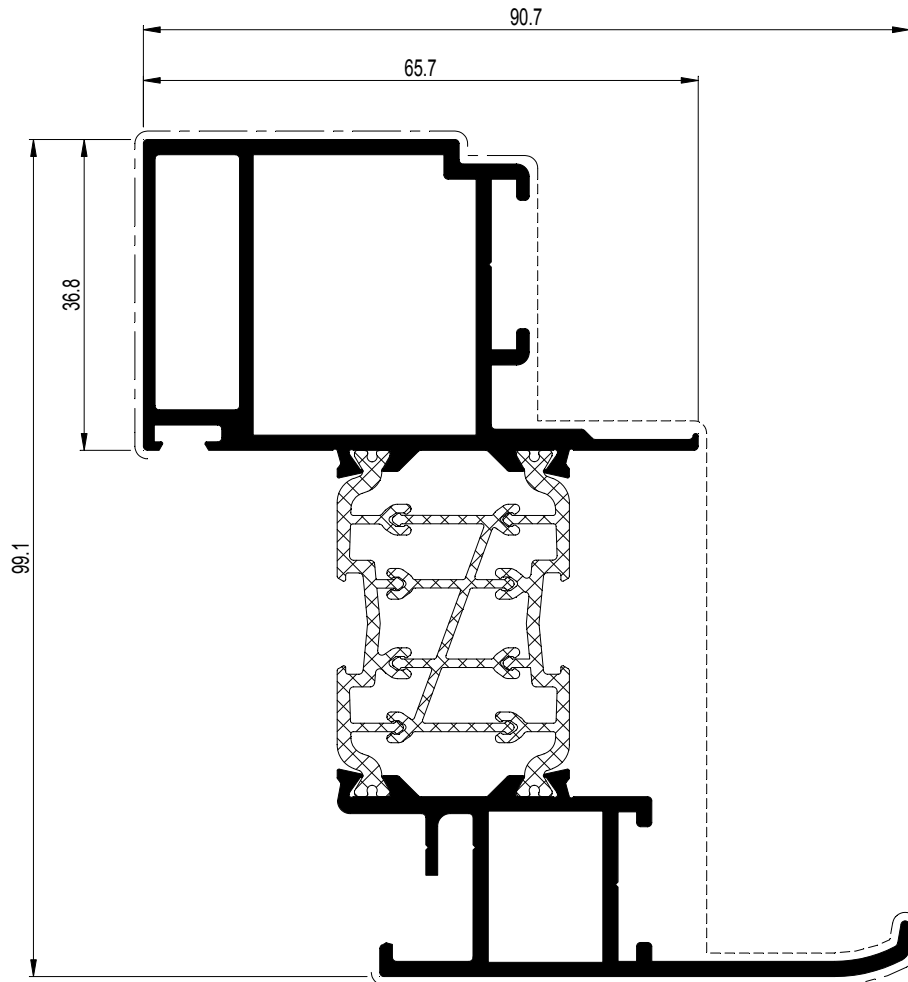
	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
030.3881.XX	8.52	2.8	7.00	0.075	0.077	9.70	0.579	0.320	15.17	

030.3881.XX

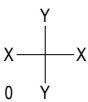


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
007.0778.XX	43.75	15.4	7.00	52.541	10.590	49.49	30.551	5.550	35.66	X 0 Y

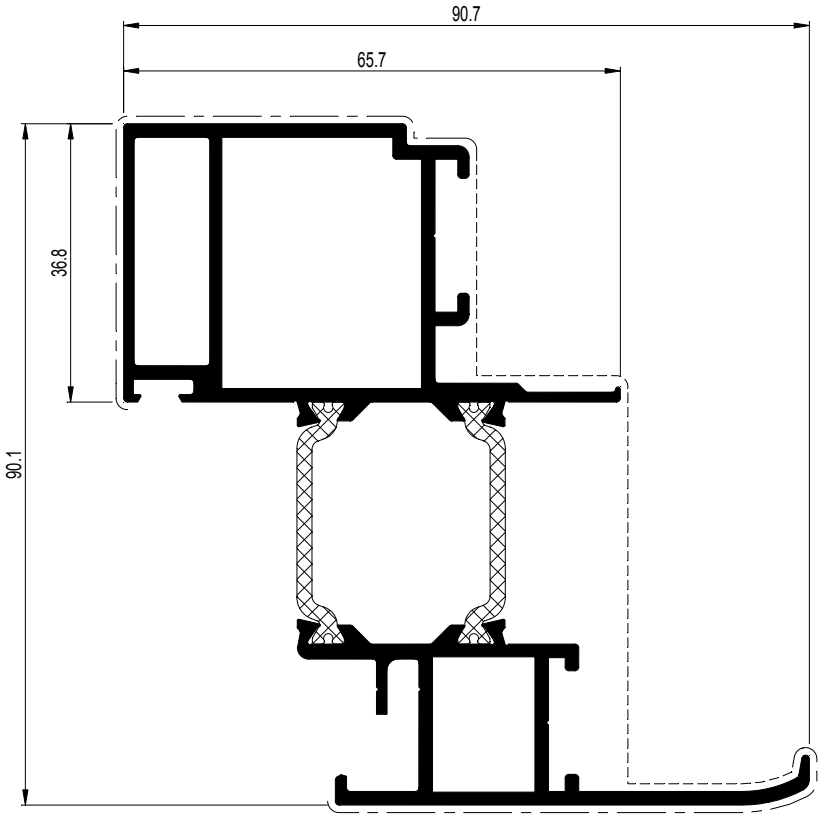
007.0778.XX



	007.0778.XX	
	068.7850.00 068.8770.00	095.H800.00 of-ou-or-oder 095.B500.00
	068.7850.00 068.8770.00 060.5153.-- (4x)	097.0001.00
	068.7850.00 068.8770.00 068.5920.-- (4x)	097.0001.00

	 A dm ² /m	 P dm ² /m	 Lm	lx cm ⁴	Wx cm ³	ax mm	ly cm ⁴	Wy cm ³	ay mm	
007.1768.XX	43.75	15.4	7.00	40.989	8.937	44.24	30.551	5.550	35.66	

007.1768.XX

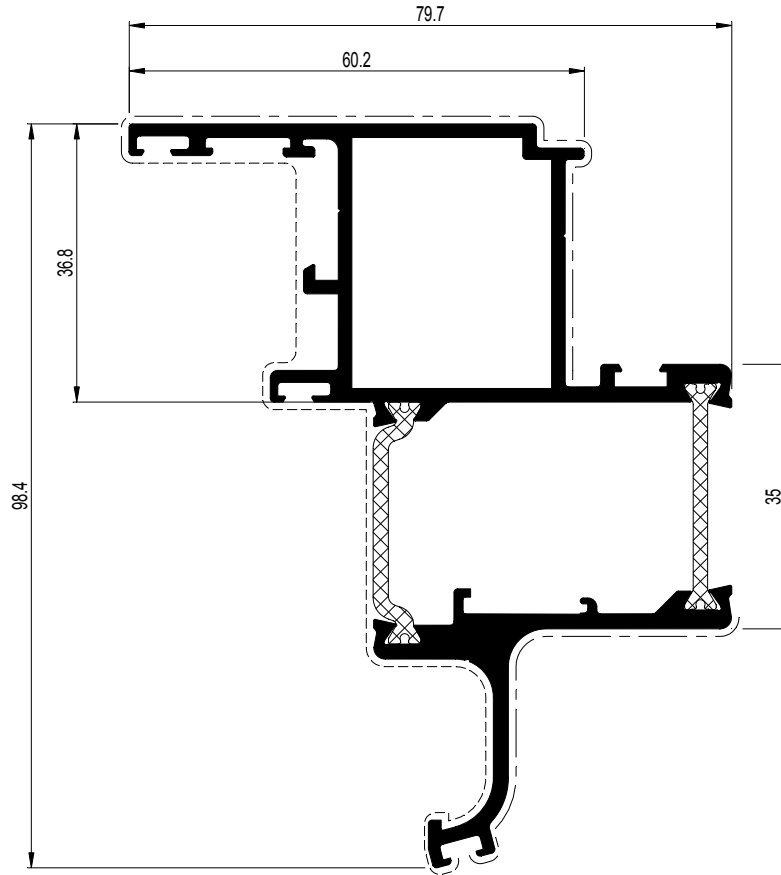


	007.1768.XX	
	068.7850.00 068.8770.00	095.H800.00 of-ou-or-oder 095.B500.00
	068.7850.00 068.8770.00 050.5153.-- (4x)	097.0001.00
	068.7850.00 068.8770.00 068.5920.-- (4x)	097.0001.00

D0079412

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0775.XX	41.00	16.2	7.00	32.822	5.592	58.69	21.052	4.683	44.95	

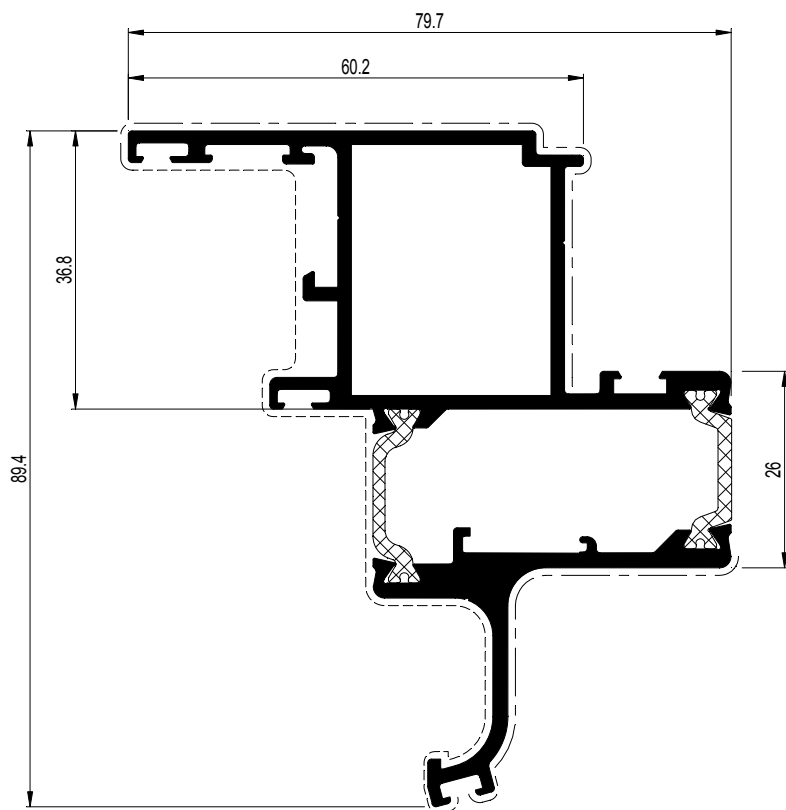
007.0775.XX



	007.0775.XX	
	068.8770.00	095.H800.00 or-ou-or-oder 095.B500.00
	068.8770.00 050.5153.-- (2x)	097.0001.00
	068.8770.00 068.5920.-- (2x)	097.0001.00
	060.8740.-- 060.8721.00	---

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.1765.XX	41.00	16.2	7.00	30.961	5.832	53.08	21.052	4.683	44.95	

007.1765.XX

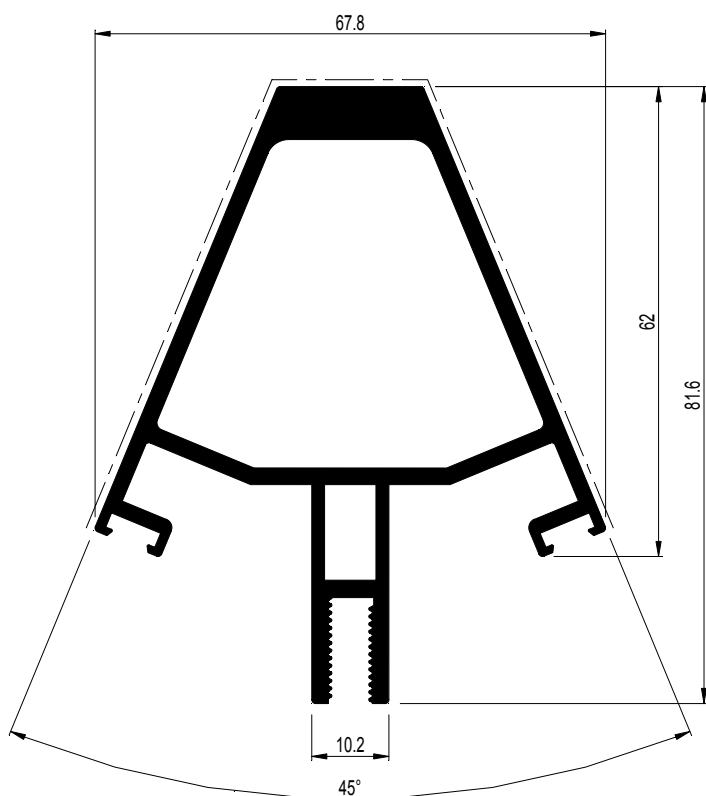


	007.1765.XX	
	068.8770.00	095.H800.00 or-ou-or-oder 095.B500.00
	068.8770.00 050.5153.-- (2x)	097.0001.00
	068.8770.00 068.5920.-- (2x)	097.0001.00
	060.8740.-- 060.8721.00	---

D0079420

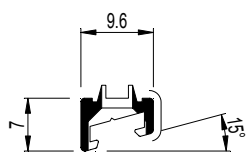
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$ax \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$ay \text{ mm}$	
034.0350.XX	4.86	0.5	7.00	0.013	0.026	4.89	0.034	0.065	4.29	
034.0351.XX	4.94	0.5	7.00	0.019	0.033	5.90	0.034	0.061	3.98	
034.0352.XX	4.95	0.3	7.00	0.028	0.043	6.64	0.036	0.062	3.81	
034.1550.XX	37.62	14.6	7.00	40.690	9.187	44.29	18.877	5.589	33.77	

034.1550.XX

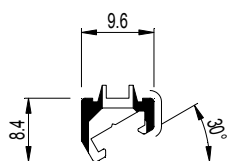


 ALLEEN VOOR VERTICALE GEVEL
UNIQUEMENT POUR MUR-RIDEAU VERTICAL
ONLY FOR VERTICAL CURTAIN WALL
NUR FUER VERTIKALE FASSADE

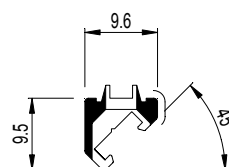
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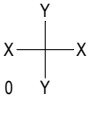


034.0351.XX

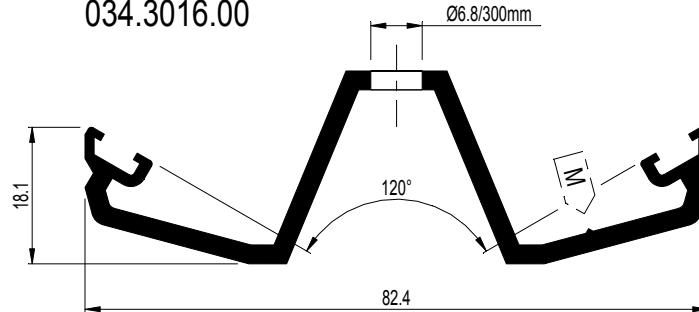


034.0352.XX

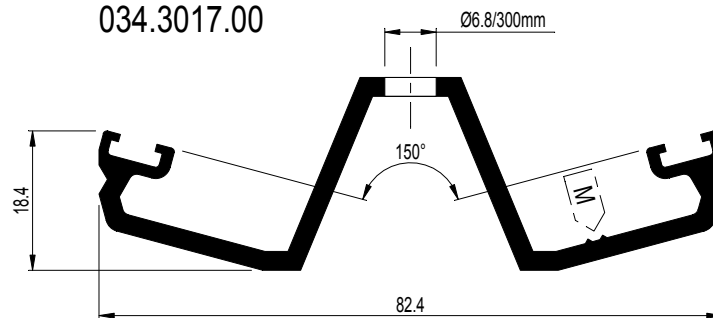


	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
034.0025.00	33.30	-	7.00	2.225	1.539	11.05	32.649	7.373	44.28	
034.3016.00	30.66	-	7.00	-	-	-	-	-	-	
034.3017.00	31.35	-	7.00	-	-	-	-	-	-	

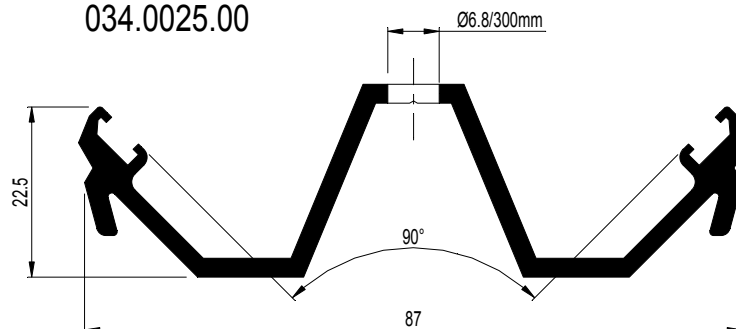
034.3016.00



034.3017.00

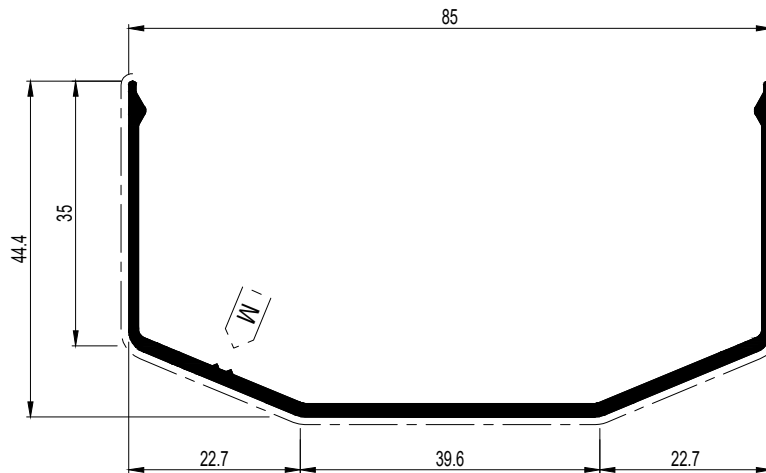


034.0025.00



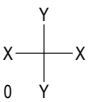
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.2014.XX	31.36	15.8	7.00	-	-	-	-	-	-	

034.2014.XX

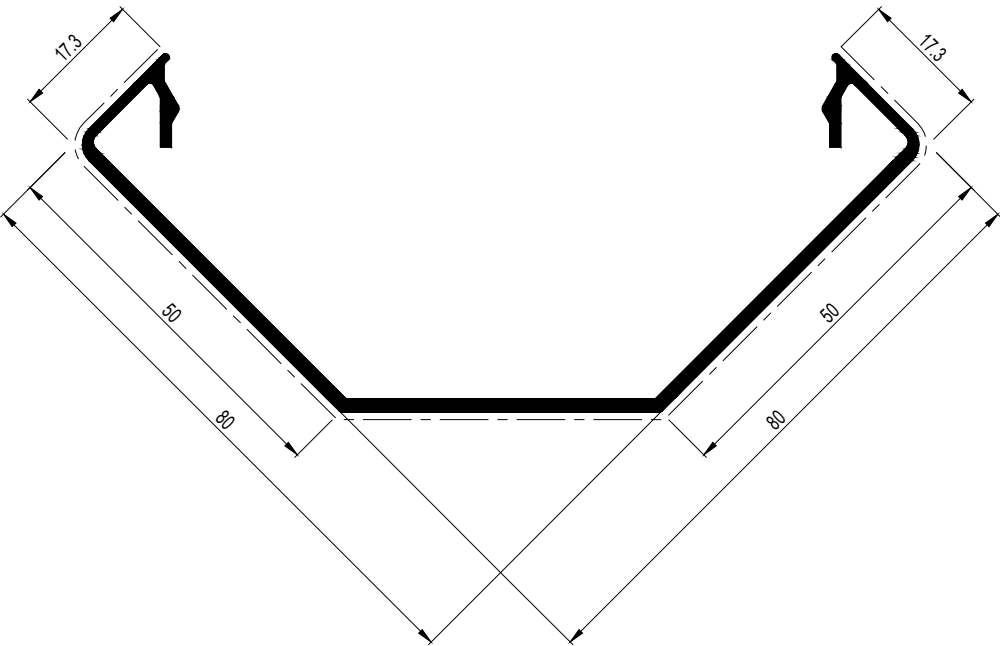


C

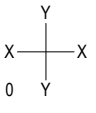
D0056755

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0034.XX	38.08	17.7	7.00	7.819	2.788	19.34	44.749	8.088	55.33	

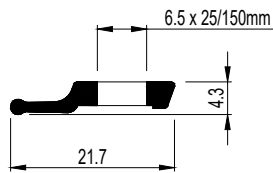
034.0034.XX



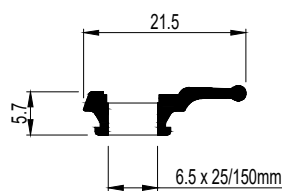
D007059

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0100.17SC	4,08	-	3,50	-	-	-	-	-	-	
034.0130.00	4,91	-	3,00	-	-	-	-	-	-	
034.0138.00	5,67	-	3,00	-	-	-	-	-	-	
034.0143.00	5,21	-	3,00	-	-	-	-	-	-	
034.0144.00	5,37	-	3,00	-	-	-	-	-	-	
034.0145.00	5,55	-	3,00	-	-	-	-	-	-	
034.0146.00	5,79	-	3,00	-	-	-	-	-	-	
034.0147.00	5,94	-	3,00	-	-	-	-	-	-	
034.0148.00	6,11	-	3,00	-	-	-	-	-	-	

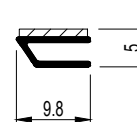
034.0130.00



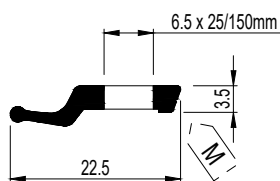
034.0138.00



034.0100.17SC

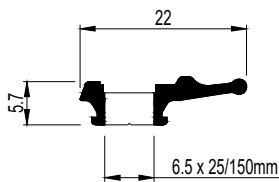


034.0143.00

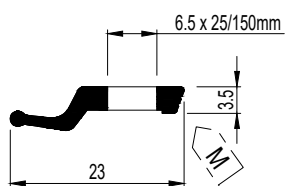


2°30'

034.0146.00

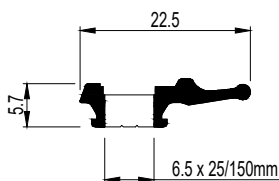


034.0144.00

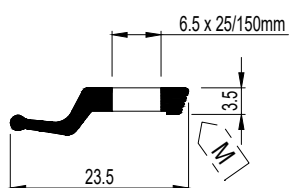


5°

034.0147.00

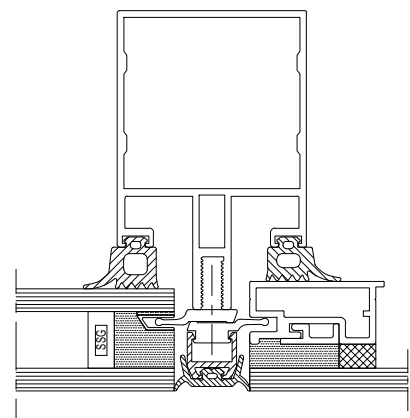
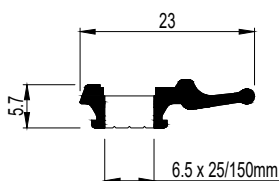


034.0145.00

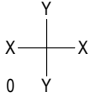


7°30'

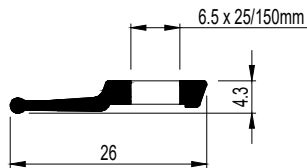
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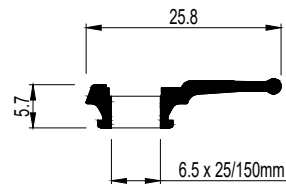
BESTELLEN , ZIE VERWERKINGSVOORSCHRIFTEN
COMMANDER , VOIR RECOMMANDATIONS DE MISE EN OEUVRE
ORDERING , SEE PROCESSING DATA
BESTELLEN , SIEHE VERARBEITUNGSVORSCHRIFTEN

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
034.0101.17SC	6,07	-	3,50	0,008	0,031	2,65	0,037	0,049	7,05	
034.0107.00	12,94	-	7,00	1,695	0,980	17,29	0,211	0,414	5,10	
034.0173.00	5,85	-	3,00	0,020	0,062	3,22	0,294	0,191	15,35	
034.0174.00	6,36	-	3,00	0,062	0,120	4,36	0,330	0,209	15,75	
034.0175.00	5,77	-	3,00	0,007	0,034	2,21	0,290	0,190	15,25	
034.0176.00	6,54	-	3,00	0,022	0,067	3,13	0,304	0,192	15,81	
034.0177.00	7,82	-	3,00	0,164	0,133	4,61	0,644	0,406	15,86	
034.0178.00	8,89	-	3,00	0,353	0,235	7,22	0,702	0,424	14,01	

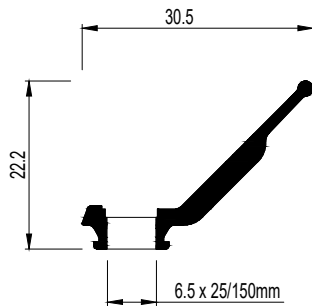
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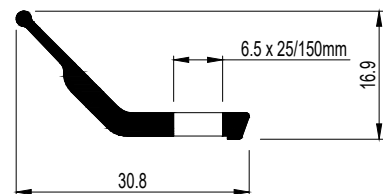
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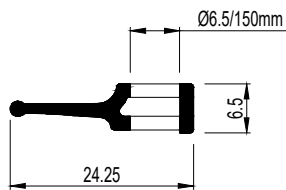
034.0178.00



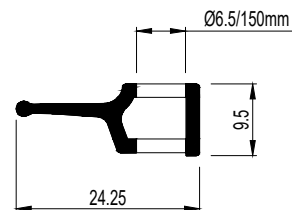
034.0177.00



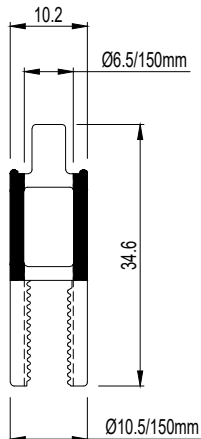
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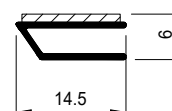
034.0174.00



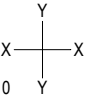
034.0107.00



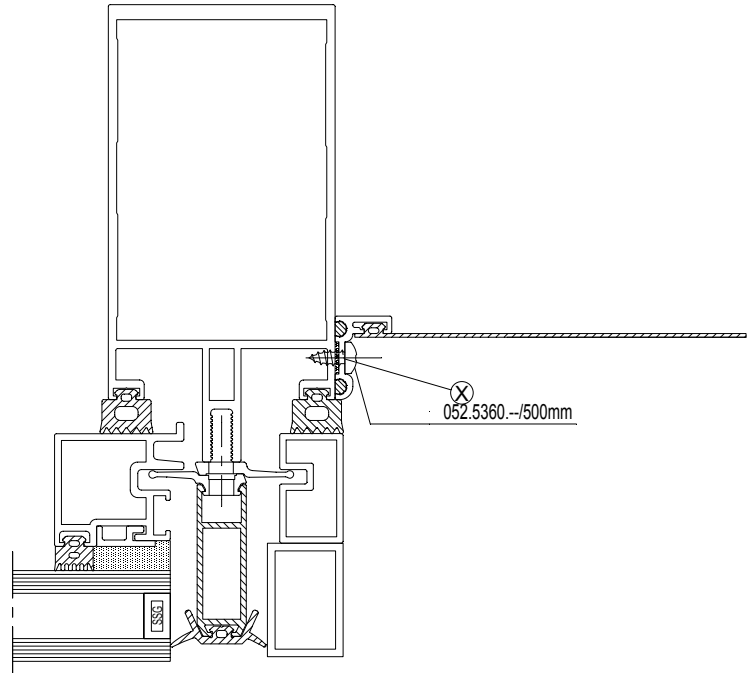
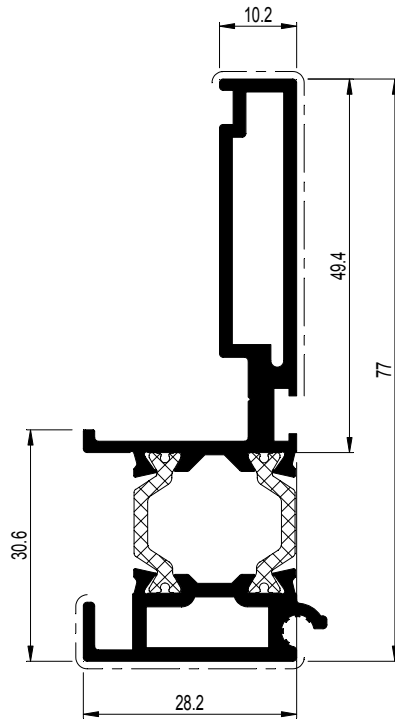
034.0101.17SC



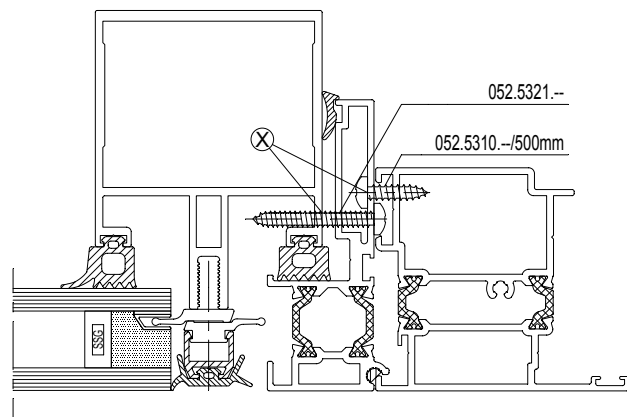
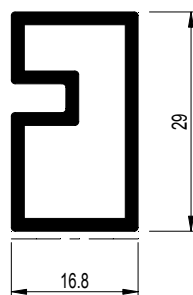
BESTELLEN, ZIE VERWERKINGSVOORSCHRIFTEN
COMMANDER, VOIR RECOMMANDATIONS DE MISE EN OEUVRE
ORDERING, SEE PROCESSING DATA
BESTELLEN, SIEHE VERARBEITUNGSVORSCHRIFTEN

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0111.XX	10.42	1.7	7.00	1.573	1.052	14.95	0.623	0.729	8.21	
034.0112.XX	24.87	8.9	7.00	17.996	3.974	31.72	2.524	1.301	19.39	

034.0112.XX



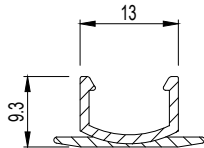
034.0111.XX



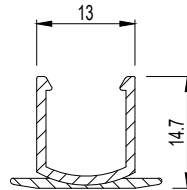
	034.0112.XX	
	068.7685.00	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
034.0124.04	-	-	7,00	-	-	-	-	-	-	
034.0127.XX	14,45	5,8	7,00	0,911	0,878	10,38	2,532	1,373	17,06	
034.0128.XX	14,81	6,0	7,00	1,175	1,029	11,41	2,613	1,430	17,23	
034.0131.XX	13,30	5,5	7,00	0,616	0,714	8,63	2,487	1,310	16,52	
034.0184.04	-	-	7,00	0,039	0,059	2,80	0,147	0,147	10,00	
034.0185.04	-	-	7,00	0,141	0,142	4,84	0,192	0,192	10,00	
034.1180.04	-	-	7,00	-	-	-	-	-	-	
034.1181.04	-	-	7,00	-	-	-	-	-	-	

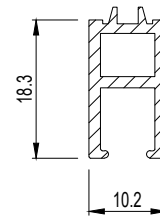
034.0184.04



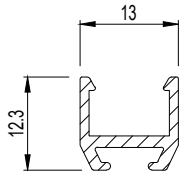
034.0185.04



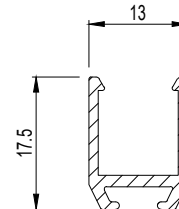
034.0124.04



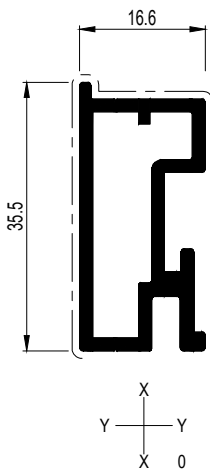
034.1180.04



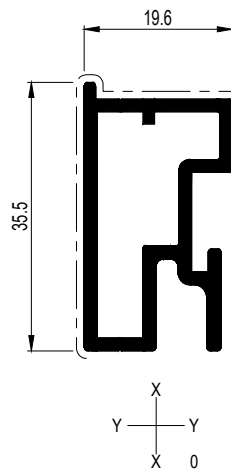
034.1181.04



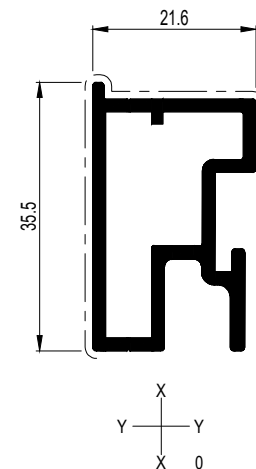
034.0131.XX



034.0127.XX



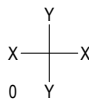
034.0128.XX



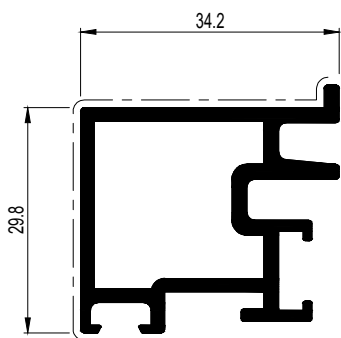
	034.0127.XX	
	068.8051.00	095.H800.00 of-ou-or-oder 095.B500.00

	034.0128.XX	
	068.8051.00	095.H800.00 of-ou-or-oder 095.B500.00

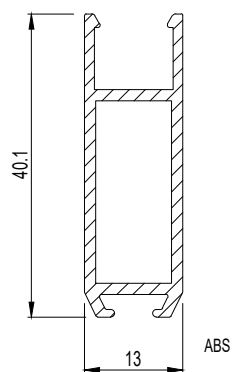
	034.0131.XX	
	068.8051.00	095.H800.00 of-ou-or-oder 095.B500.00

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
030.3864.XX	8.14	2.5	6.00	0.459	0.293	15.62	0.013	0.034	1.98	
034.0161.XX	20.15	6.5	7.00	2.791	1.697	16.44	3.266	1.905	17.05	
034.0165.XX	29.43	0.9	7.00	7.148	2.452	21.65	2.005	0.936	21.42	
034.0166.XX	30.08	0.9	7.00	8.424	2.736	23.01	2.006	0.937	21.42	
034.0167.XX	31.03	0.9	7.00	10.822	3.230	25.30	2.006	0.937	21.40	
034.0170.04	-	-	7.00	-	-	-	-	-	-	
034.0171.04	-	-	7.00	-	-	-	-	-	-	

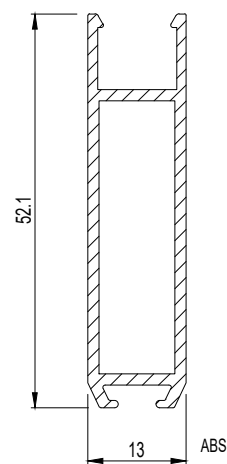
034.0161.XX



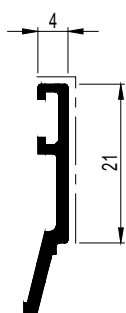
034.0170.04



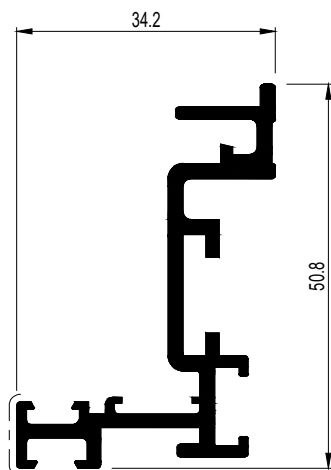
034.0171.04



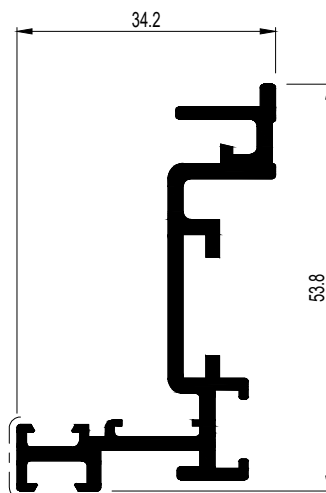
030.3864.XX



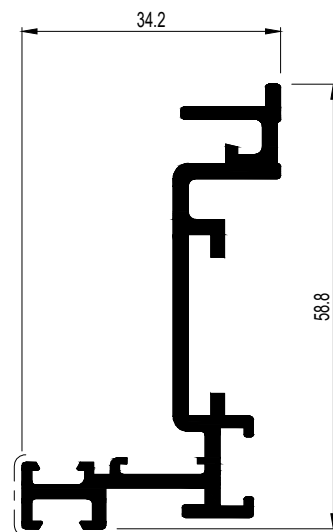
034.0165.XX



034.0166.XX



034.0167.XX



	034.0161.XX	
	068.7320.00 (2x)	095.H800.00

	034.0165.XX	
	PROJECT SOLUTION	---
	060.8721.00	---

	034.0166.XX	
	068.7563.00 or 068.6094.00	---
	060.8721.00	---

	034.0167.XX	
	068.6109.00	---
	060.8721.00	---

D0055459

C

D



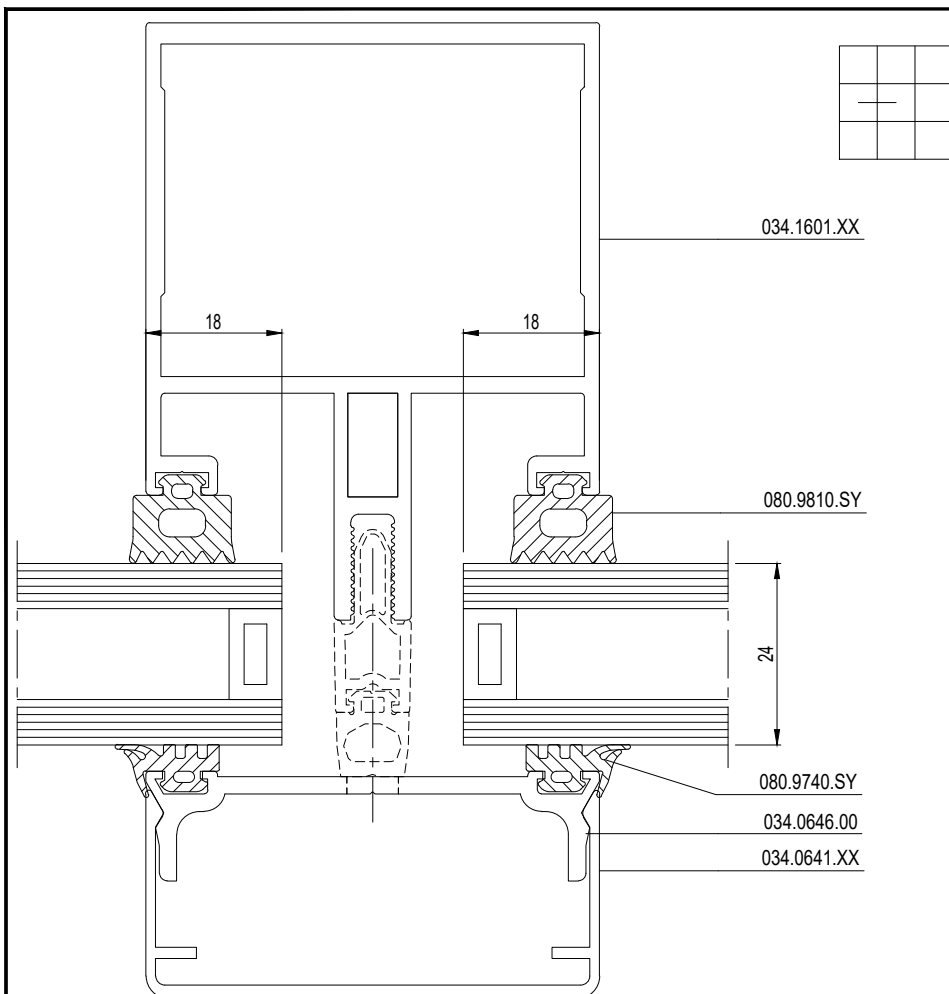
Reynaers
Aluminium

Doorsnedetekeningen

Sections des noeuds

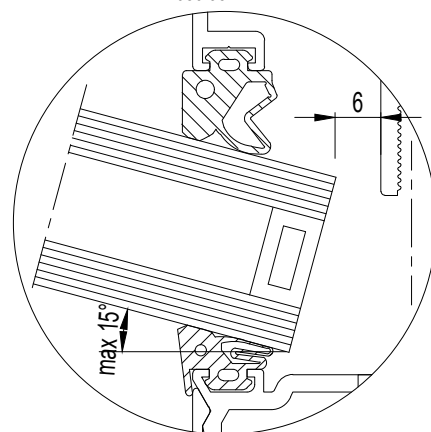
Section drawings

Profilkombinationen



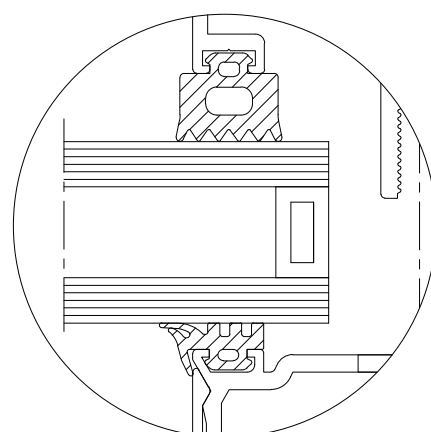
DETAIL A

160°-180°
080.9514.SY



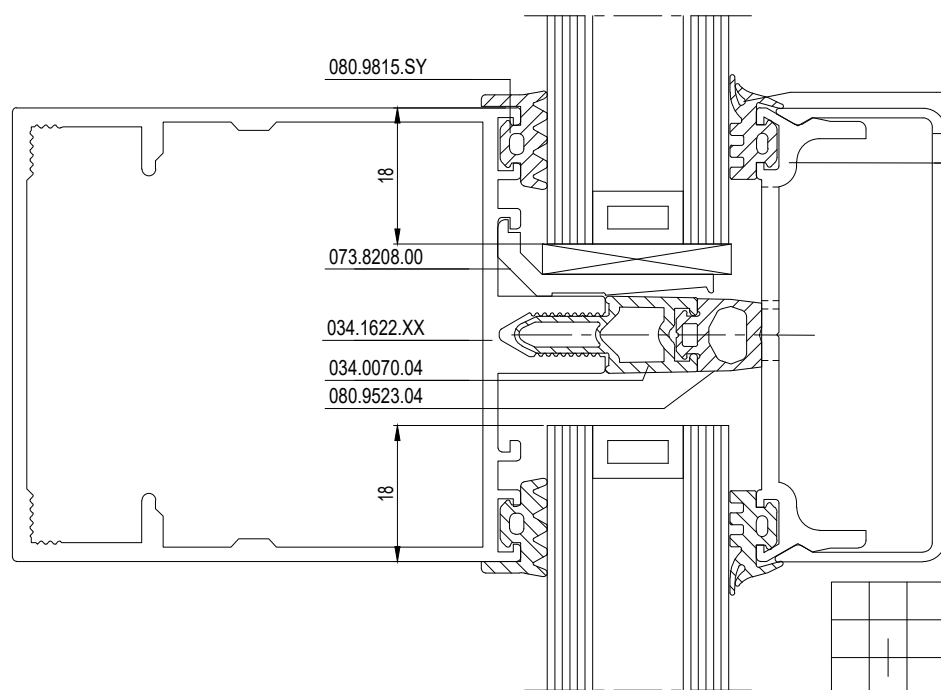
080.9509.SY

180°
080.9810.SY



080.9740.SY

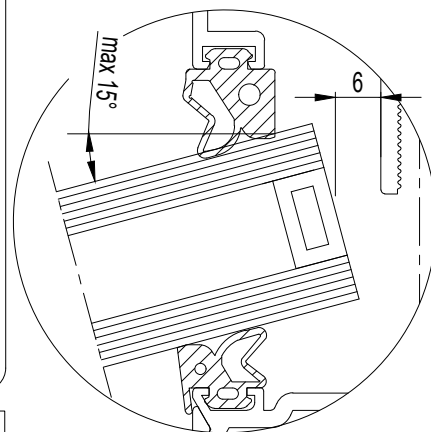
VARIANT: Verticale compartimentering (034.0070.04, 080.9523.04...) is optioneel !
VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionnelle !
VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
VARIANTE: Vertikale Kompartimentierung (034.0070.04, 080.9523.04,...) ist eine Option !



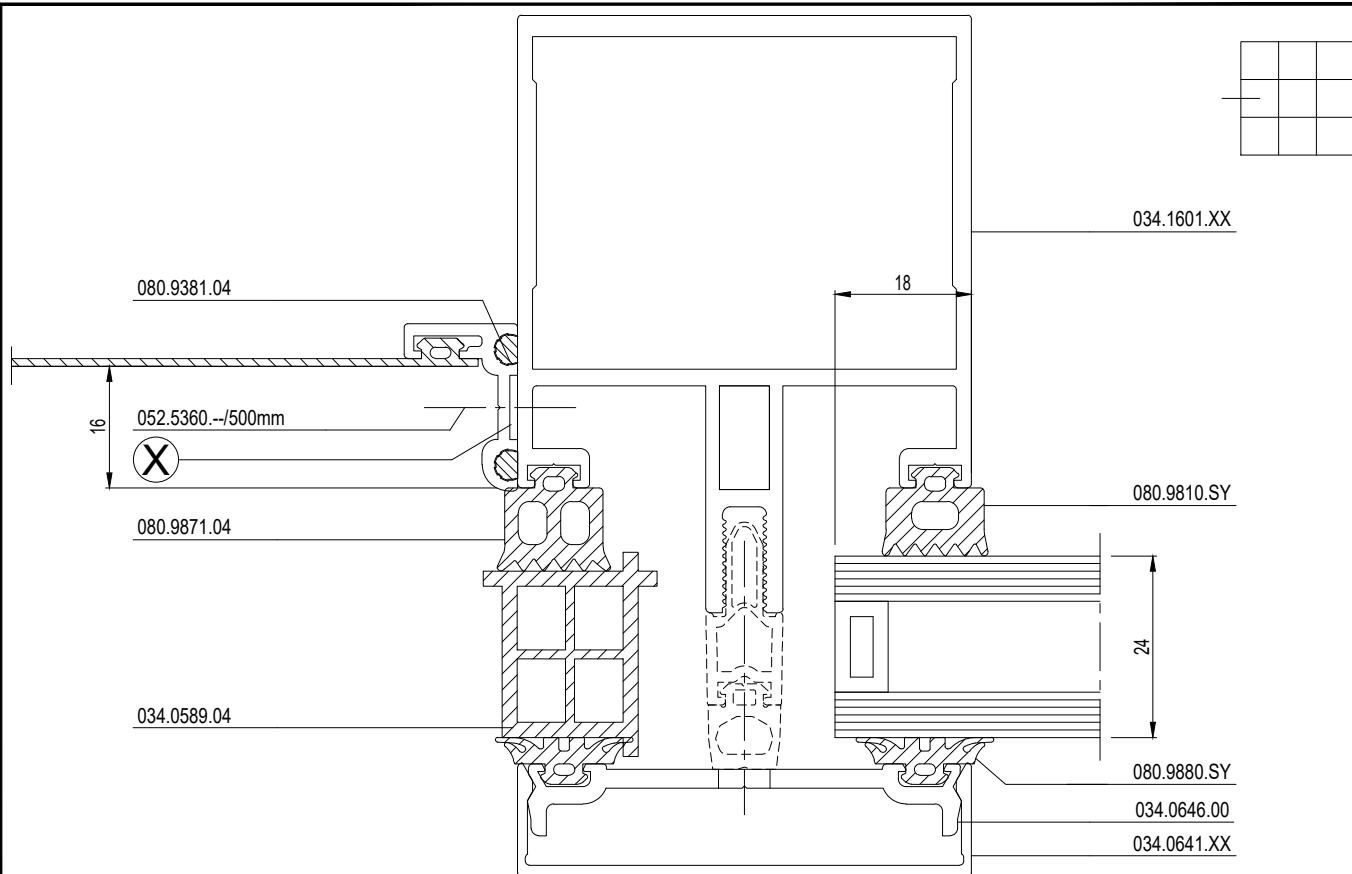
080.9740.SY

034.0638.XX
034.3635.00

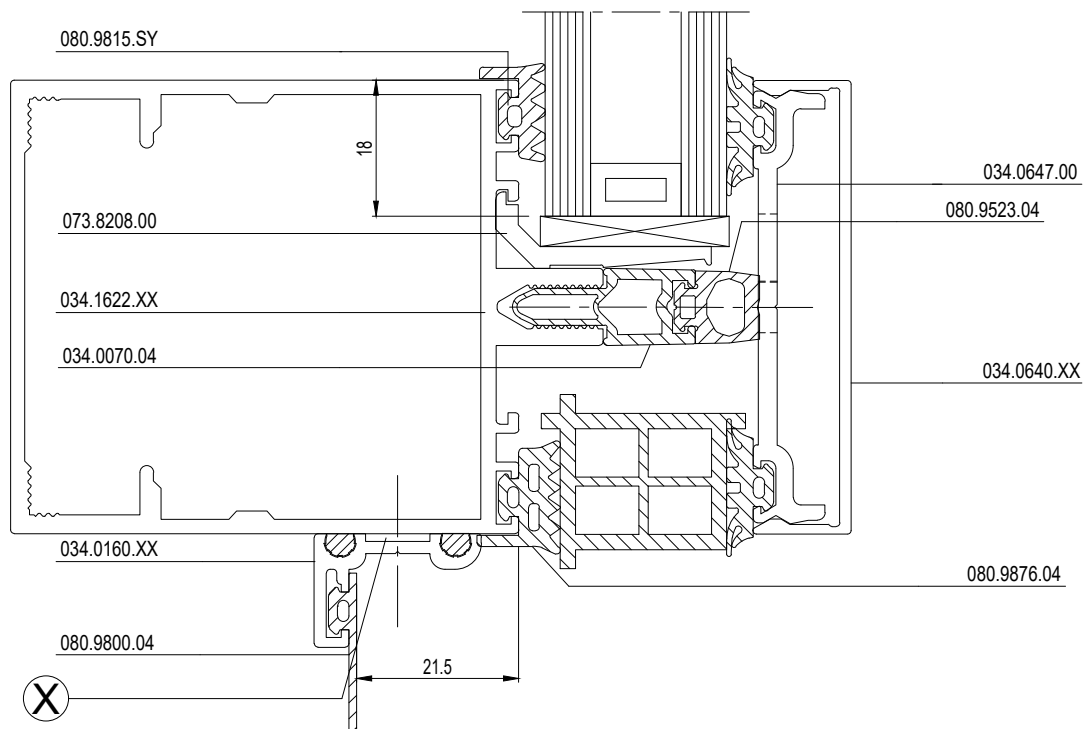
180°-210°
080.9514.SY

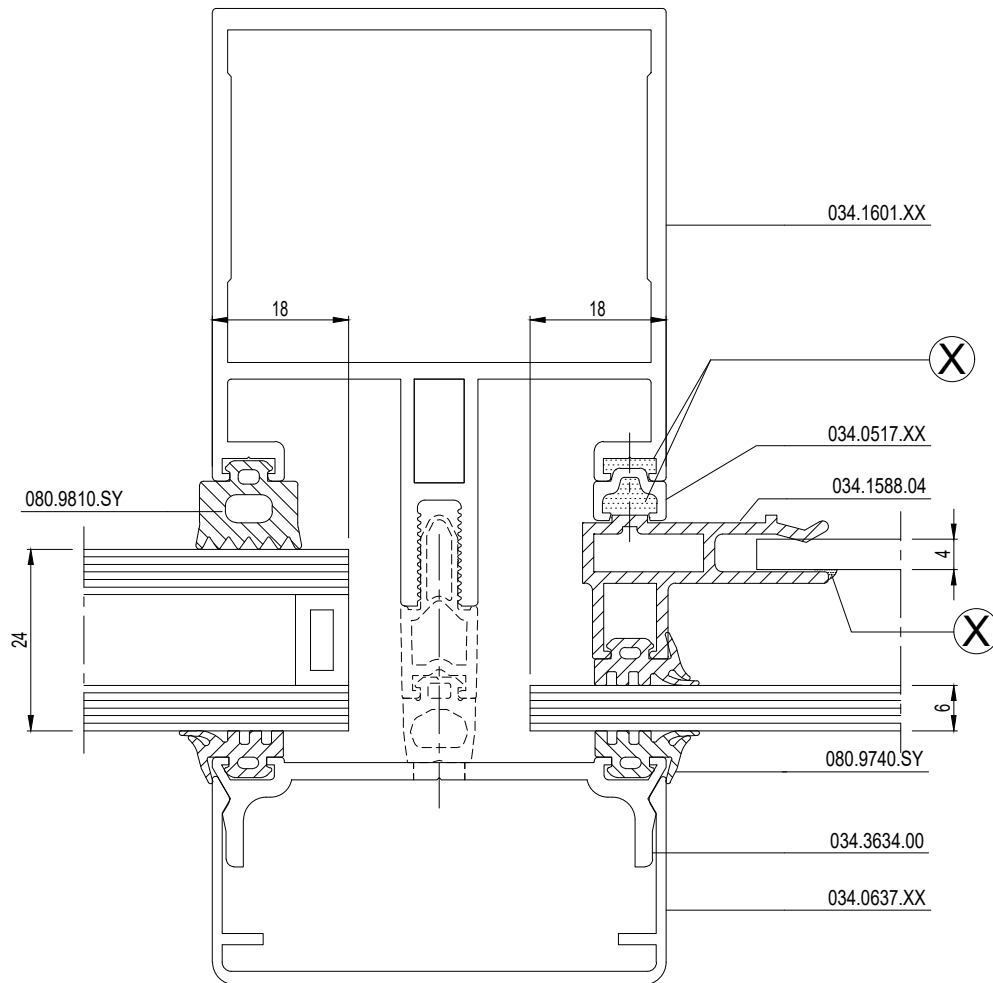


080.9509.SY

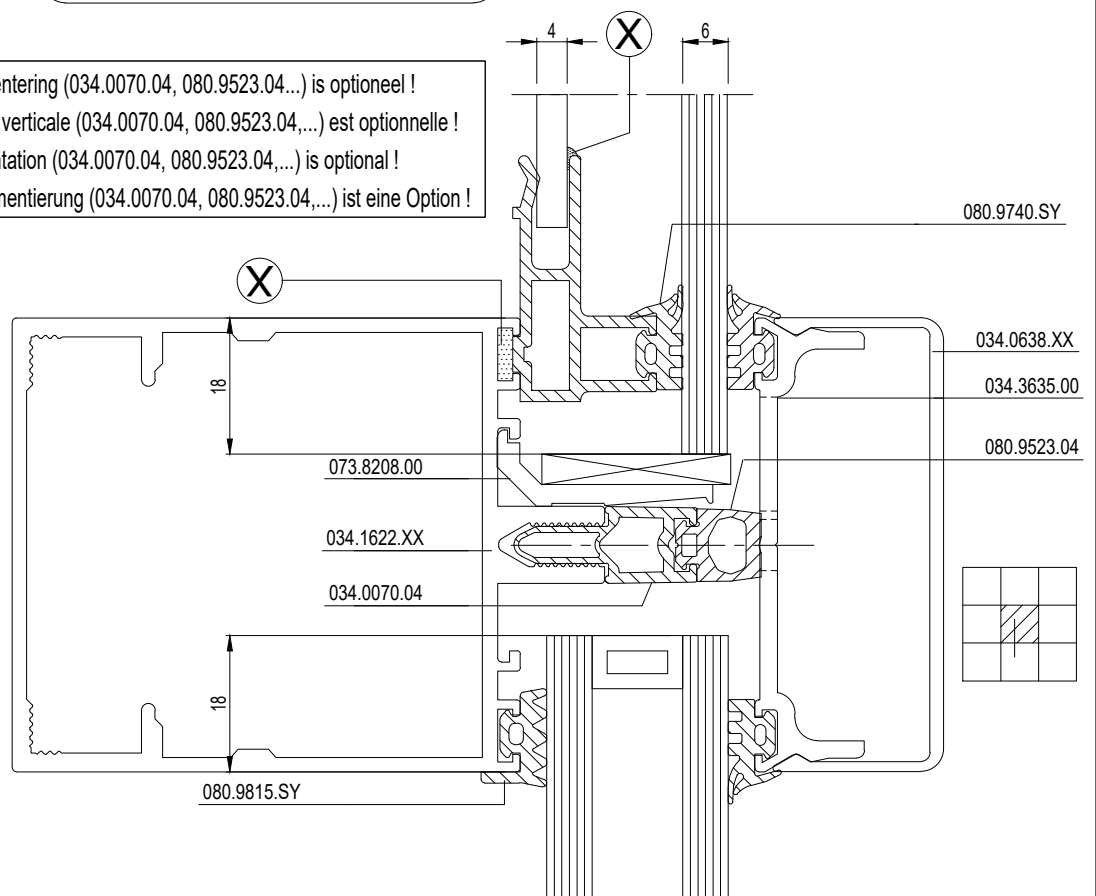


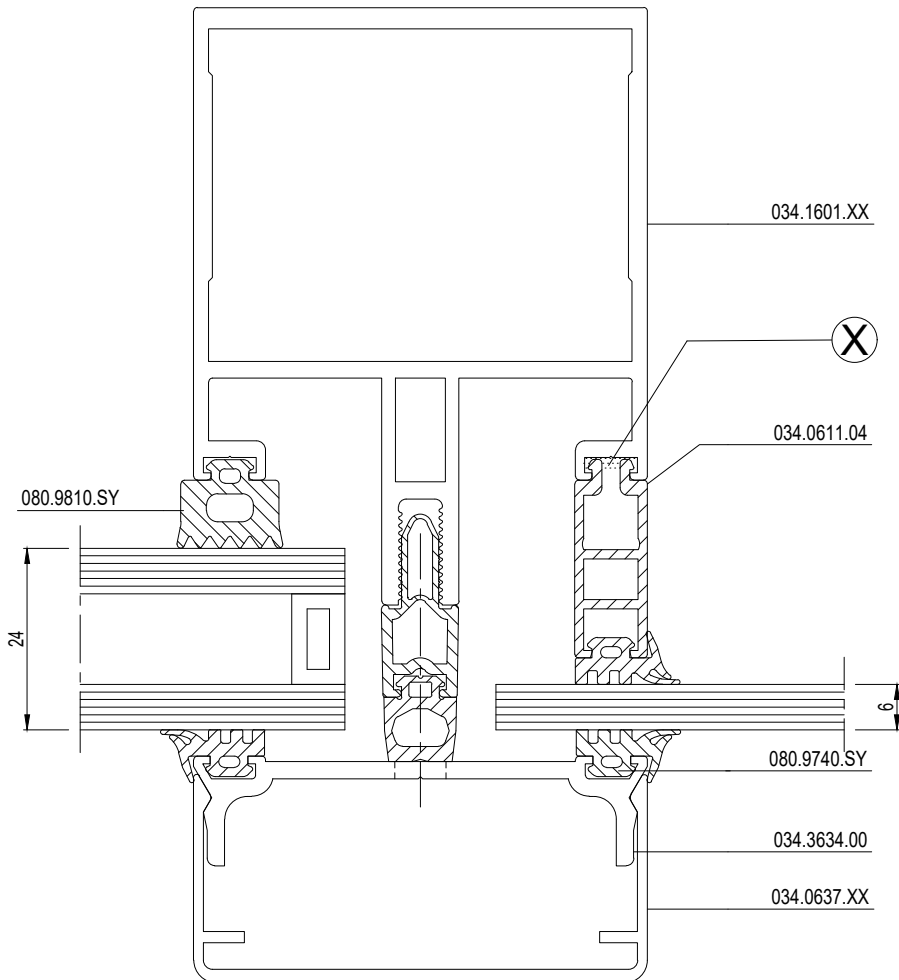
VARIANT: Verticale compartimentering (034.0070.04, 080.9523.04,...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionnelle !
 VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
 VARIANTE: Vertikale Kompartimentierung (034.0070.04, 080.9523.04,...) ist eine Option !



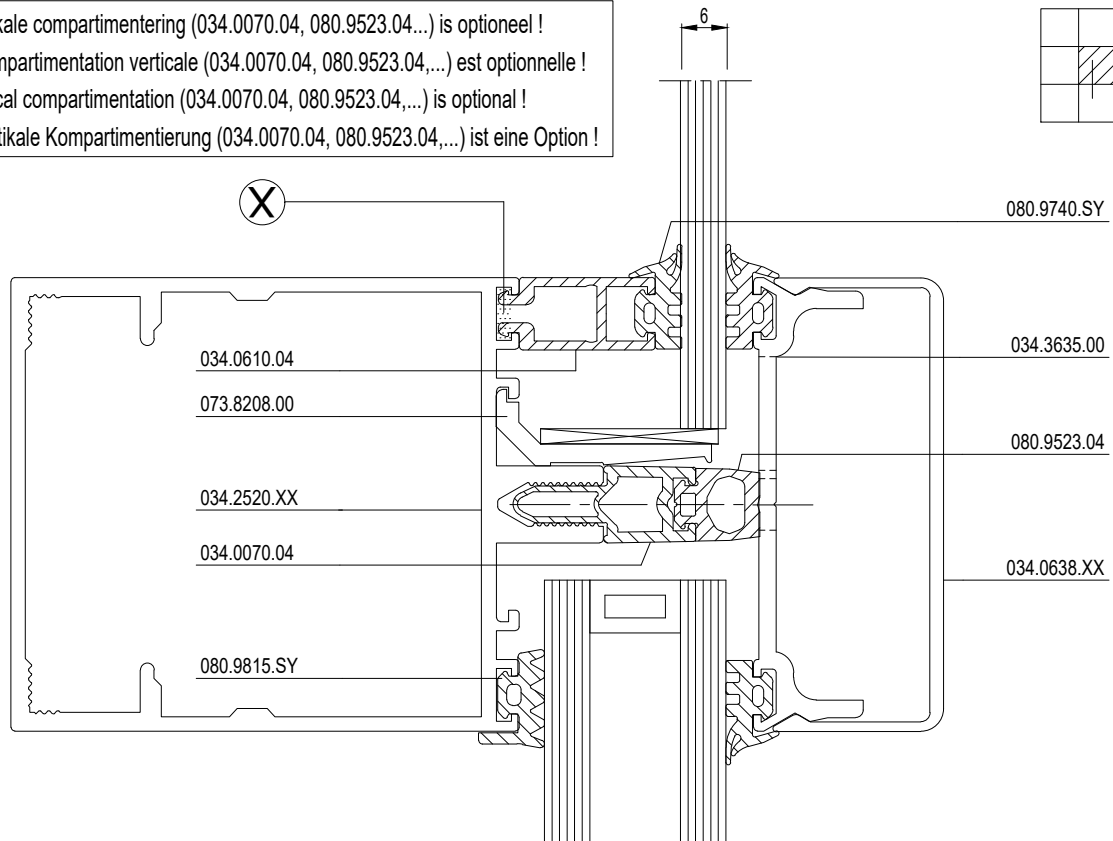


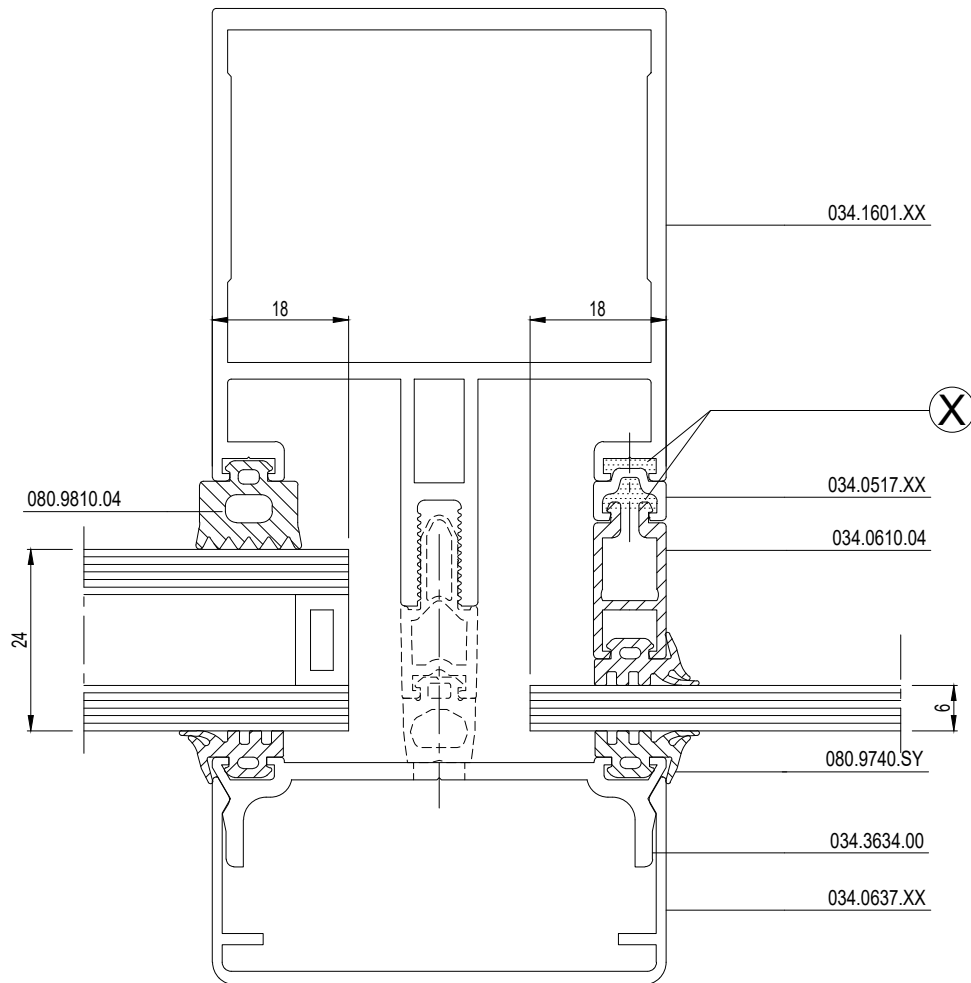
VARIANT: Verticale compartimentering (034.0070.04, 080.9523.04...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionnelle !
 VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
 VARIANTE: Vertikale Kompartimentierung (034.0070.04, 080.9523.04,...) ist eine Option !



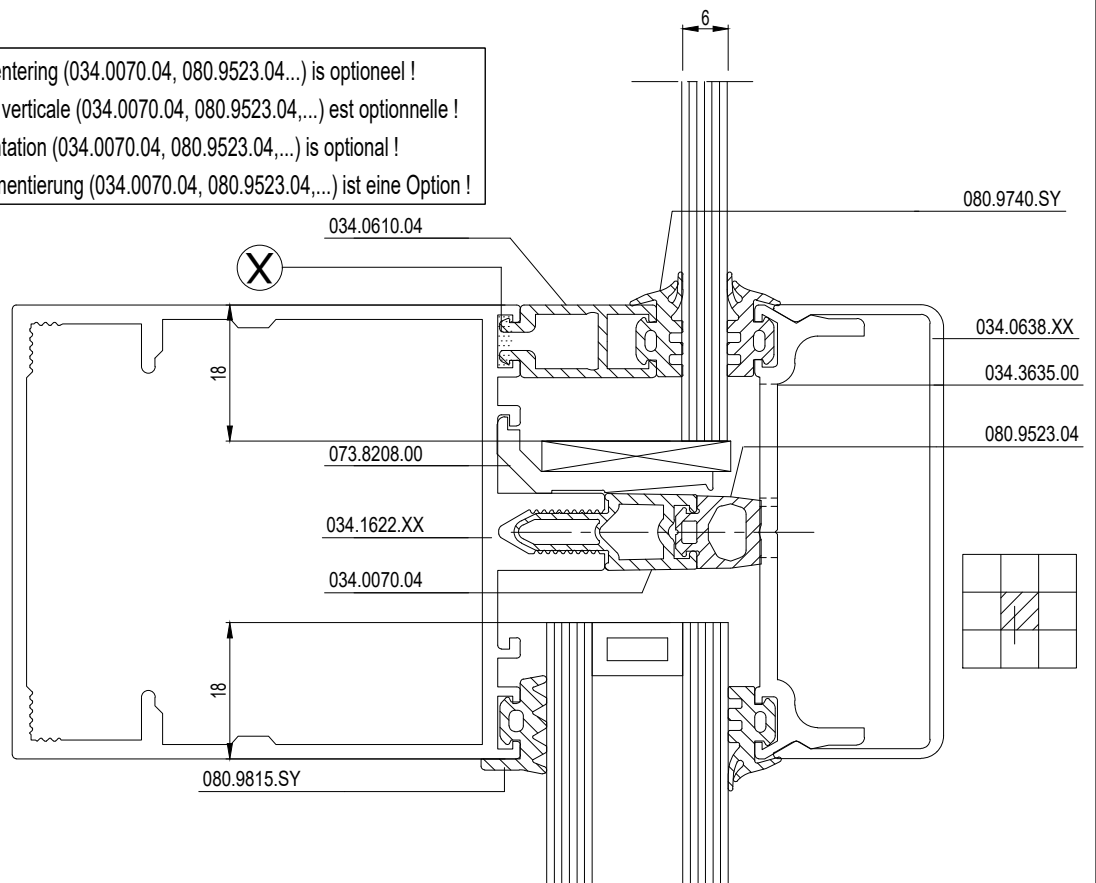


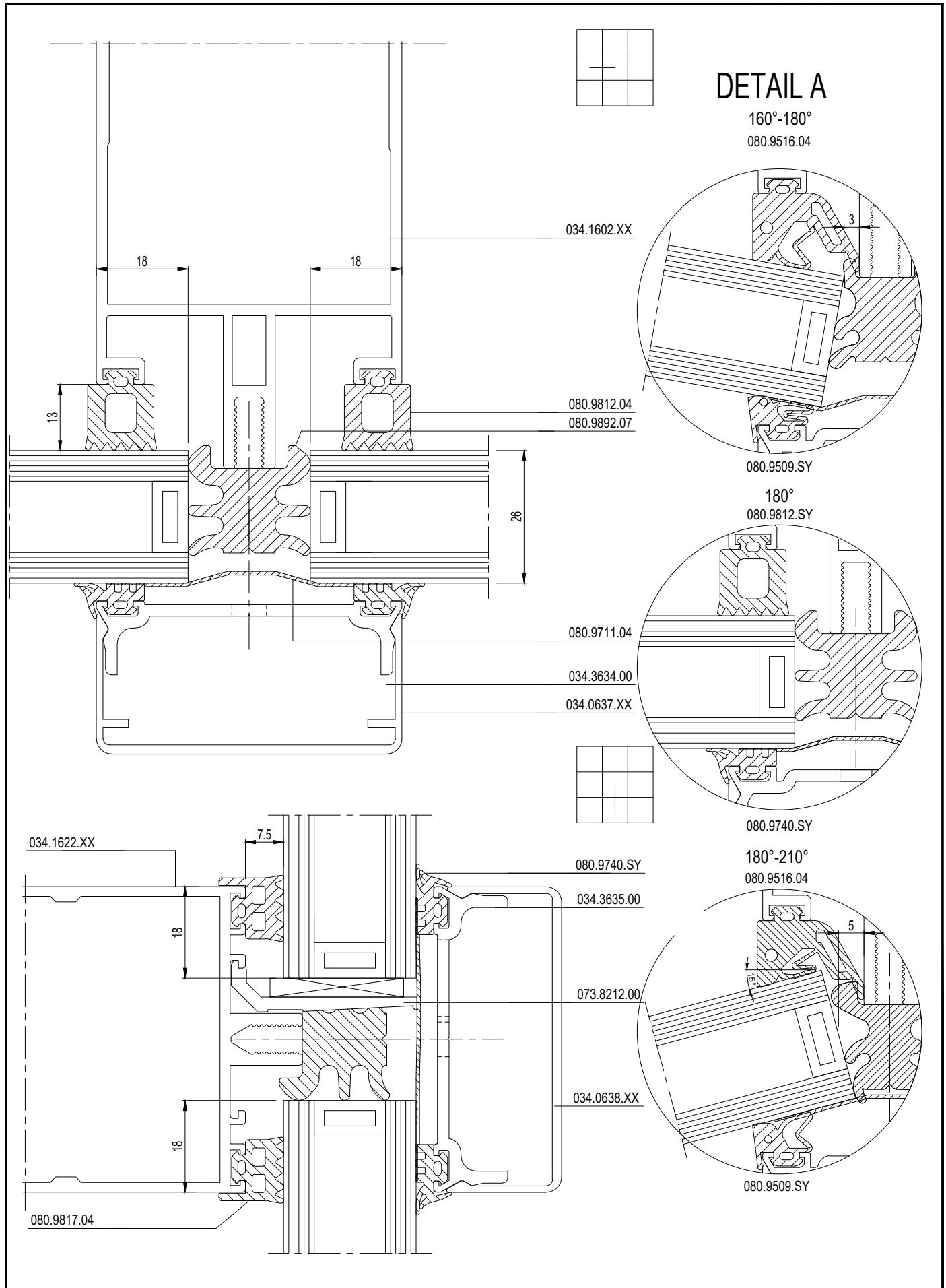
VARIANT: Vertikale compartimentering (034.0070.04, 080.9523.04,...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionelle !
 VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
 VARIANTE: Vertikale Kompartimentierung (034.0070.04, 080.9523.04,...) ist eine Option !

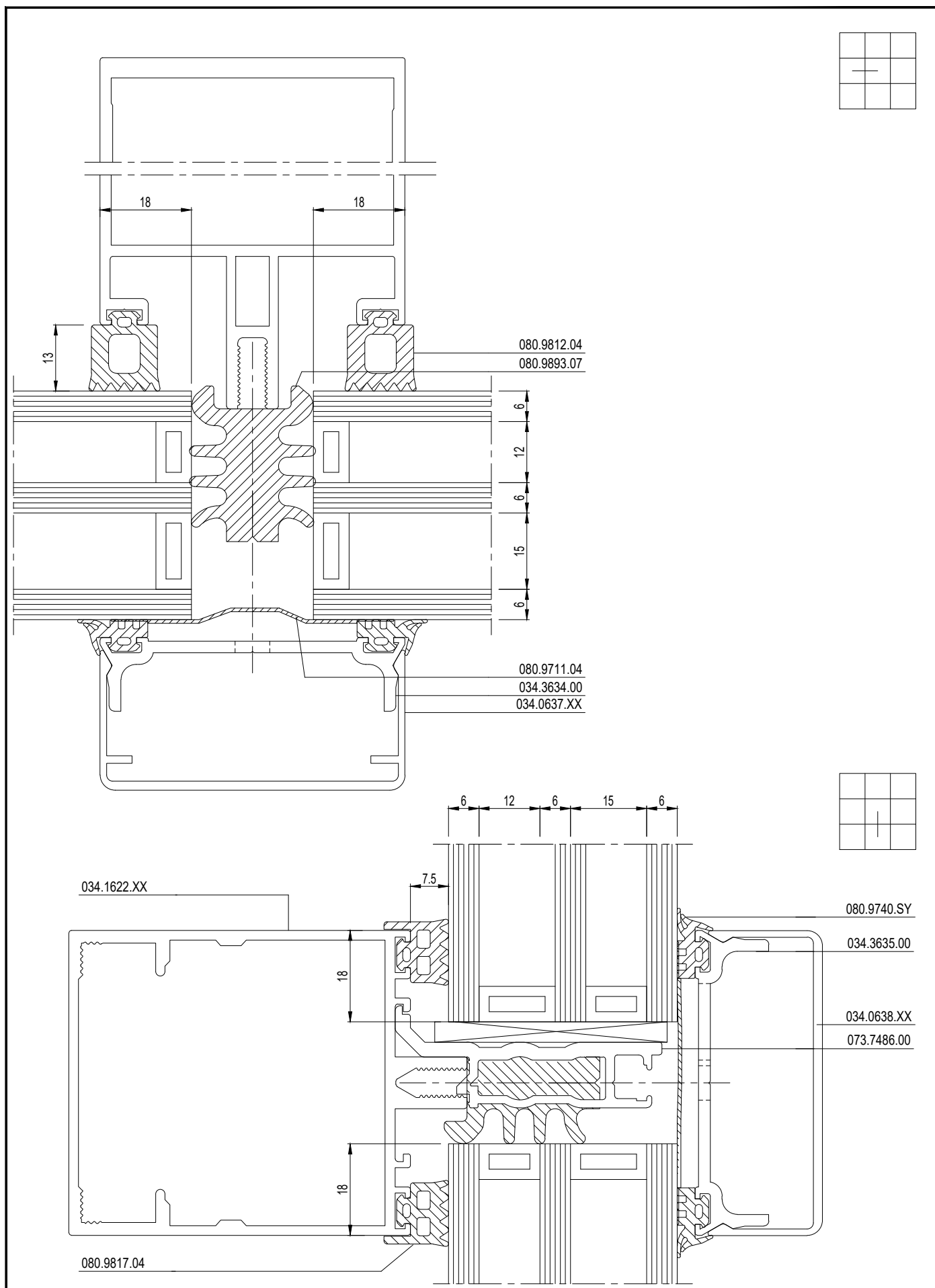


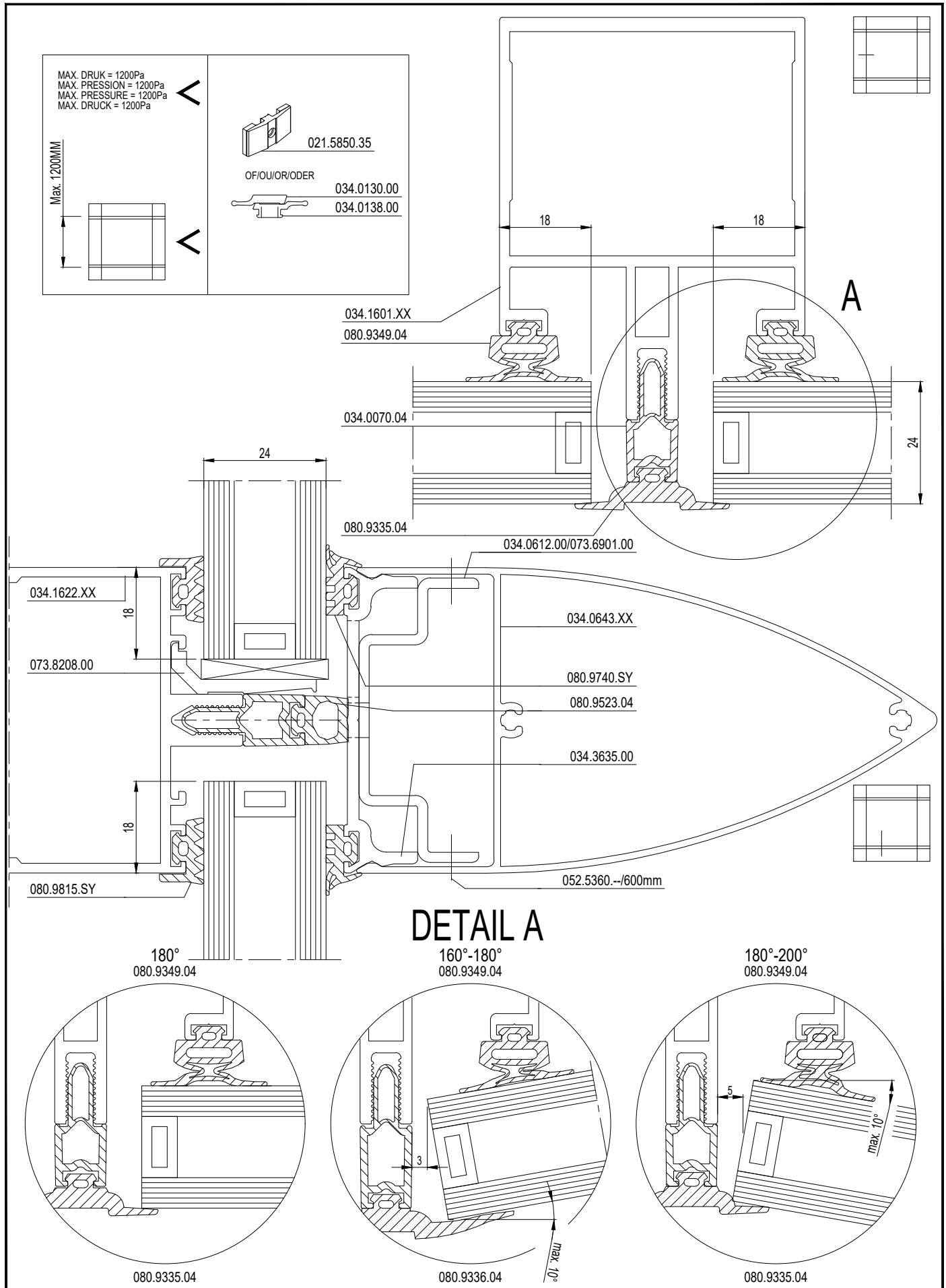


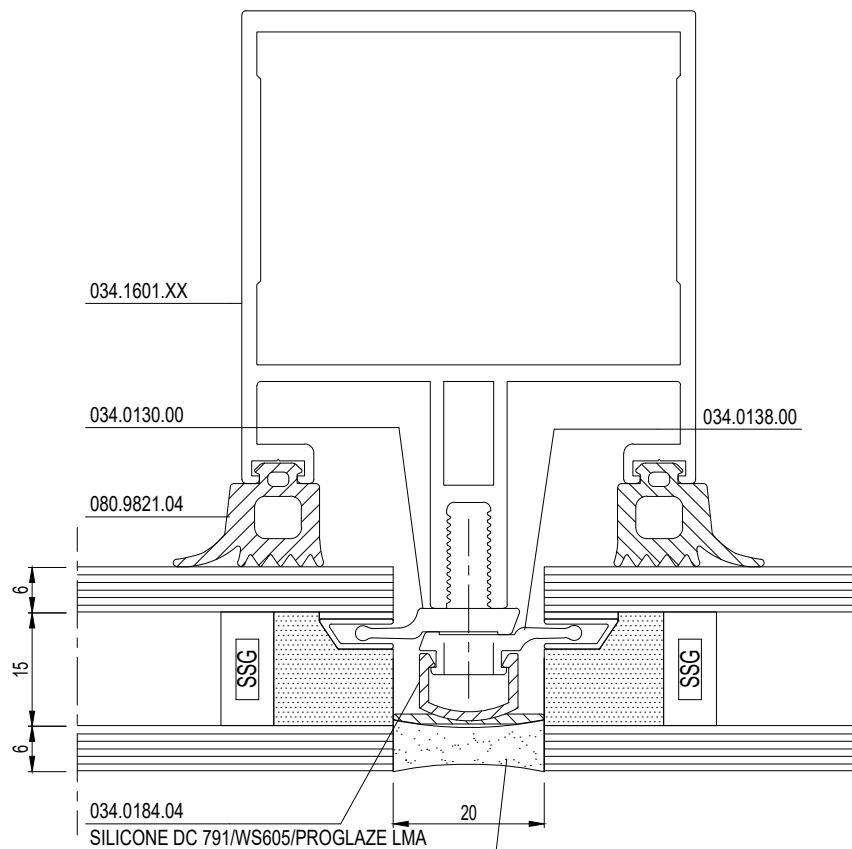
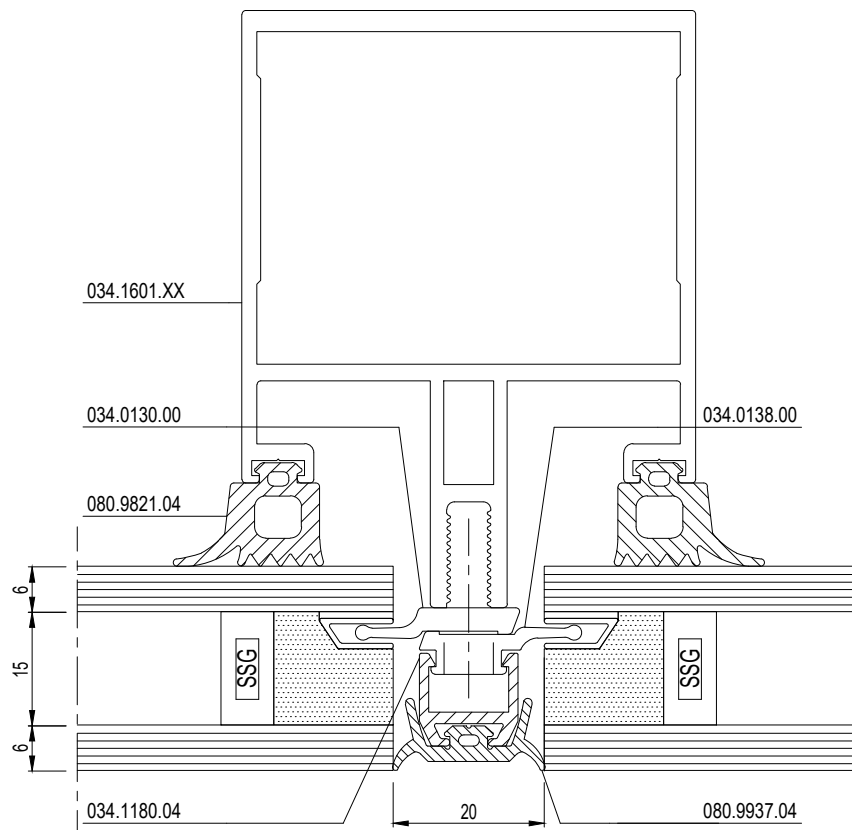
VARIANT: Verticale compartimentering (034.0070.04, 080.9523.04...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionnelle !
 VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
 VARIANTE: Vertikale Kompartimentierung (034.0070.04, 080.9523.04,...) ist eine Option !

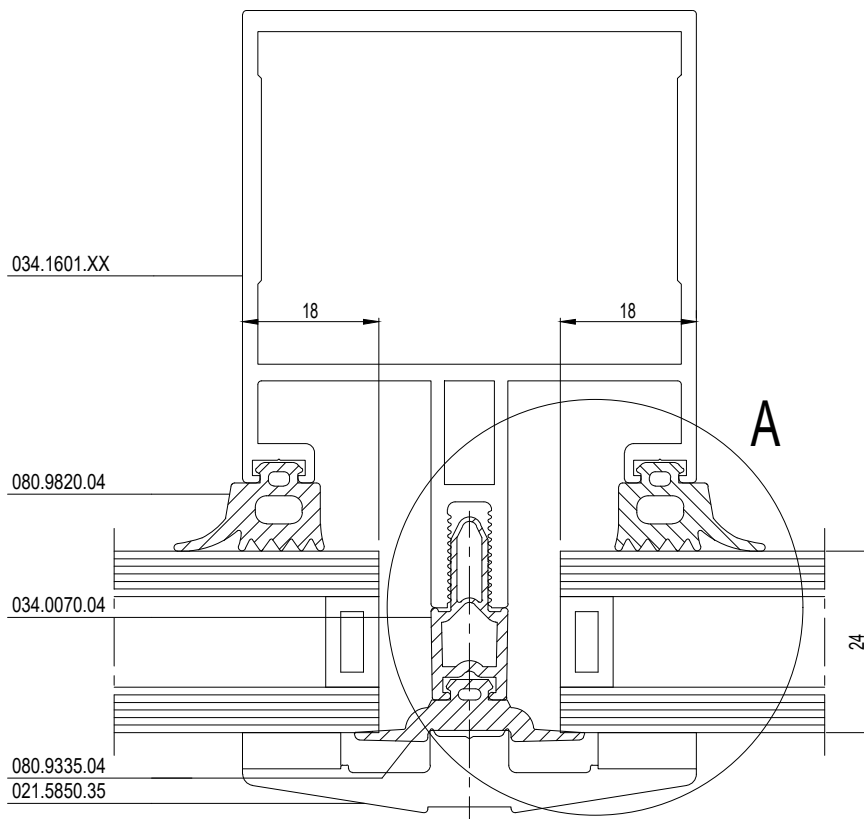






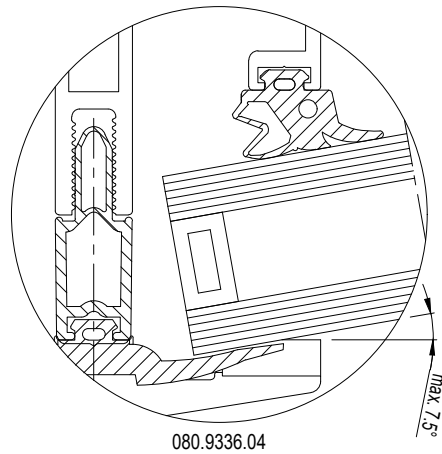


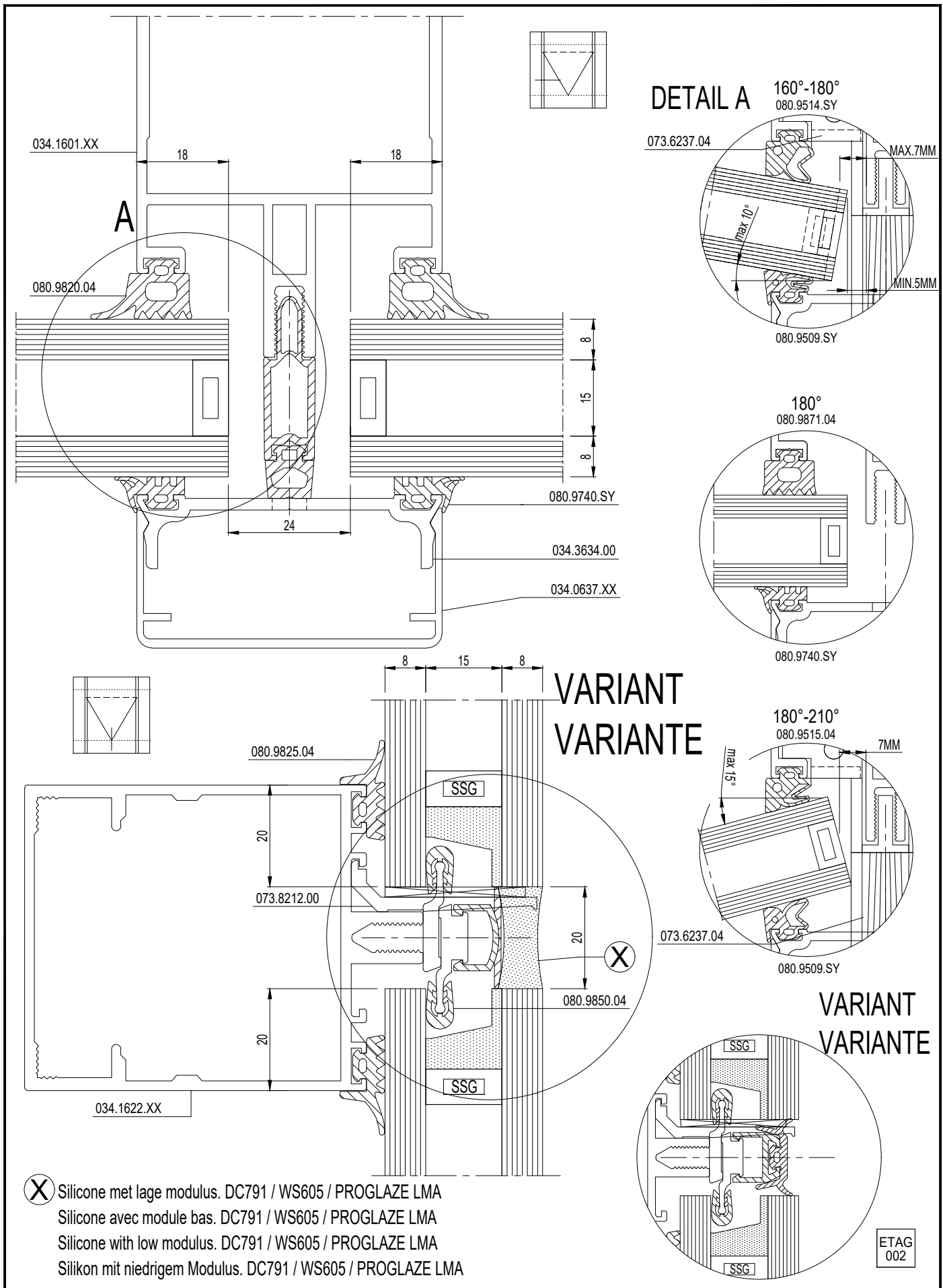


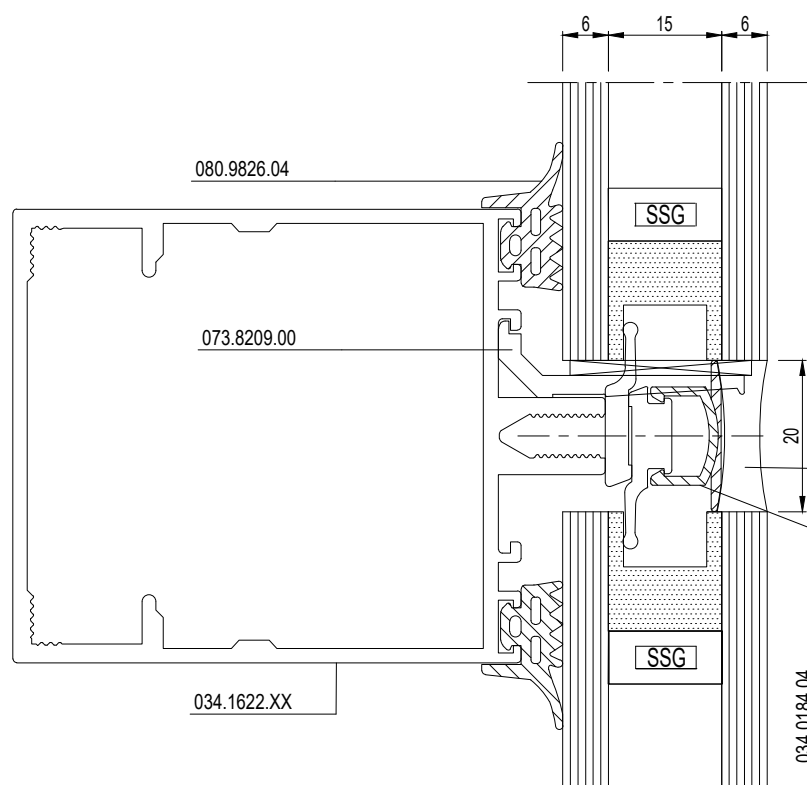


DETAIL A

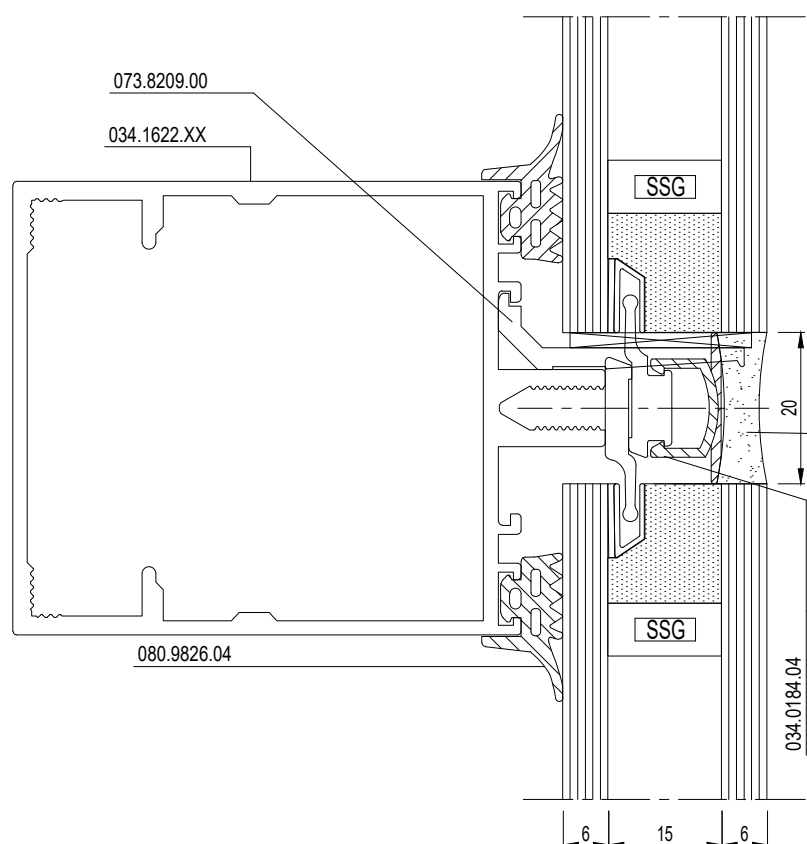
165°-180°
080.9822.04





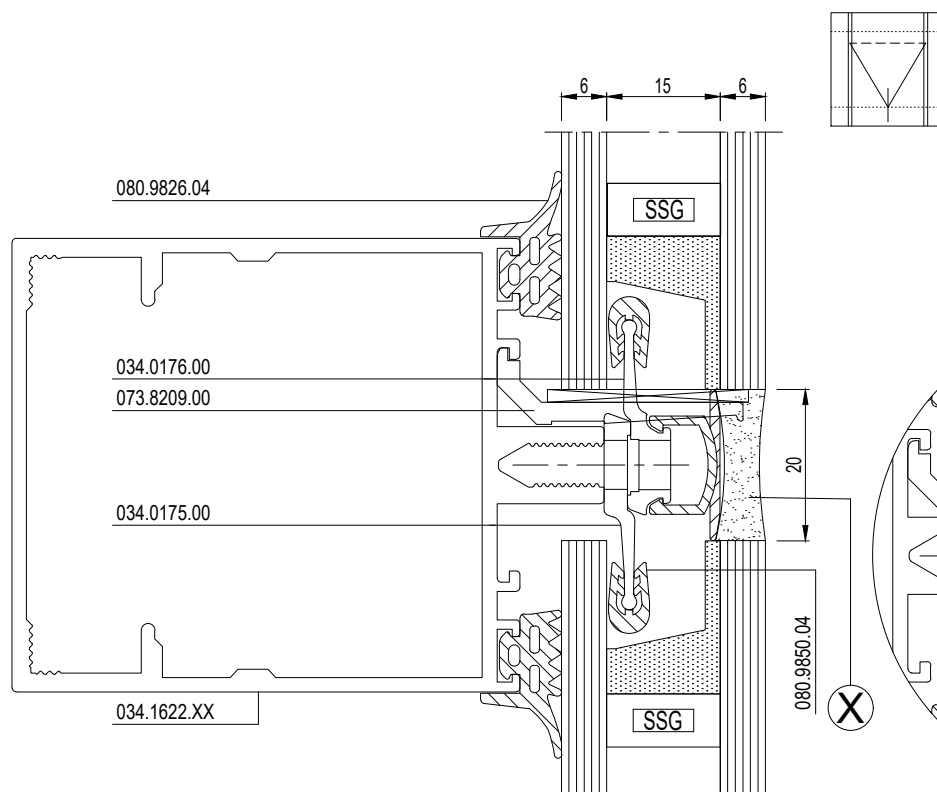


VARIANT
VARIANTE

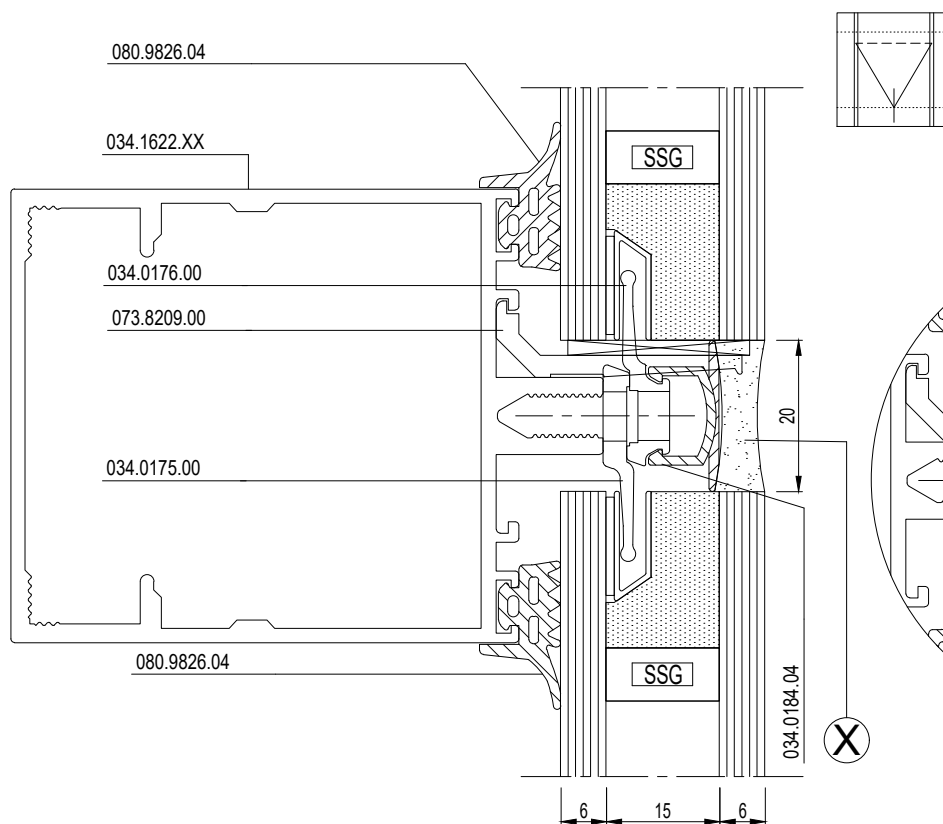


VARIANT
VARIANTE

- X** Silicone met lage modulus. DC791 / WS605 / PROGLAZE LMA
Silicone avec module bas. DC791 / WS605 / PROGLAZE LMA
Silicone with low modulus. DC791 / WS605 / PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791 / WS605 / PROGLAZE LMA

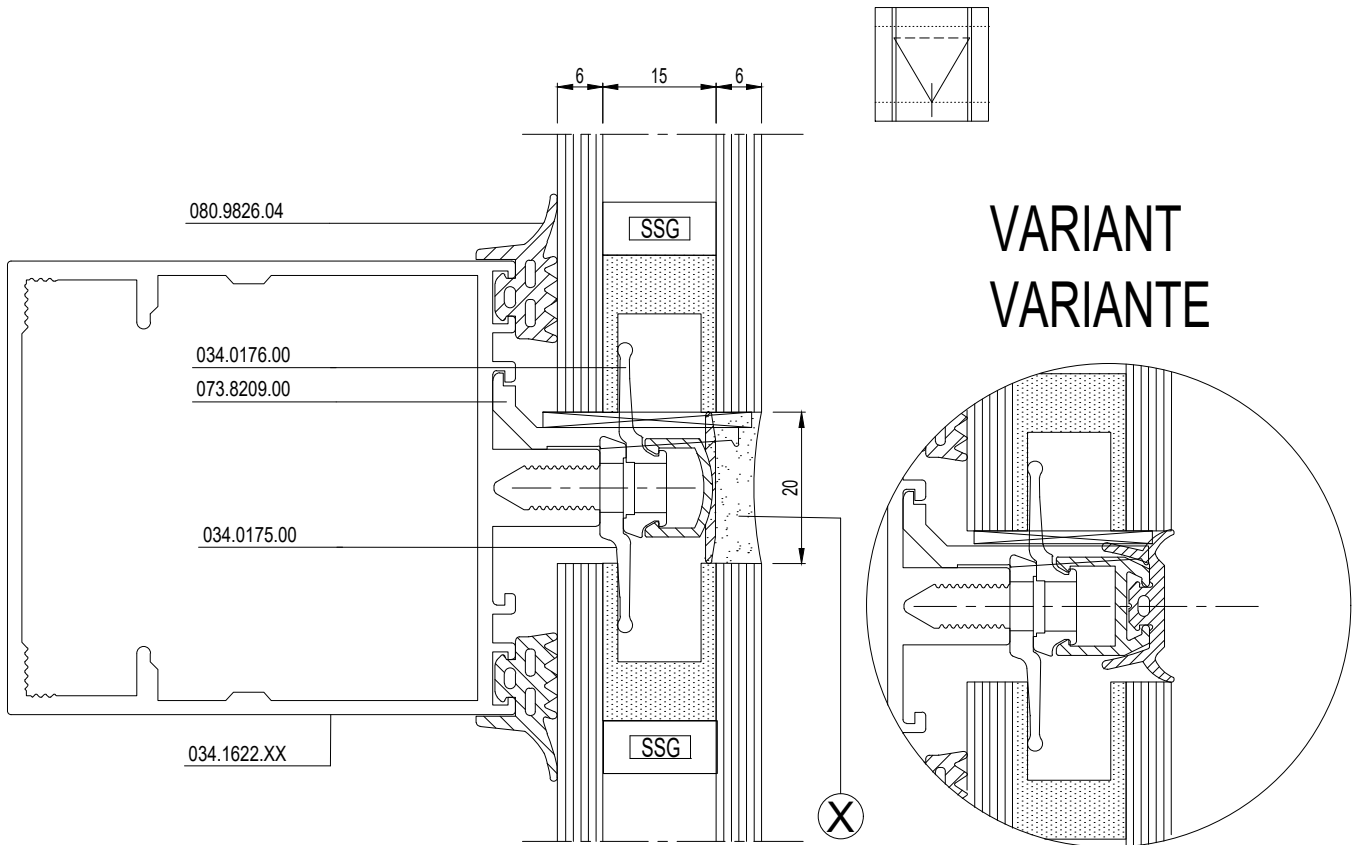


VARIANT
VARIANTE



VARIANT
VARIANTE

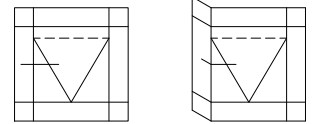
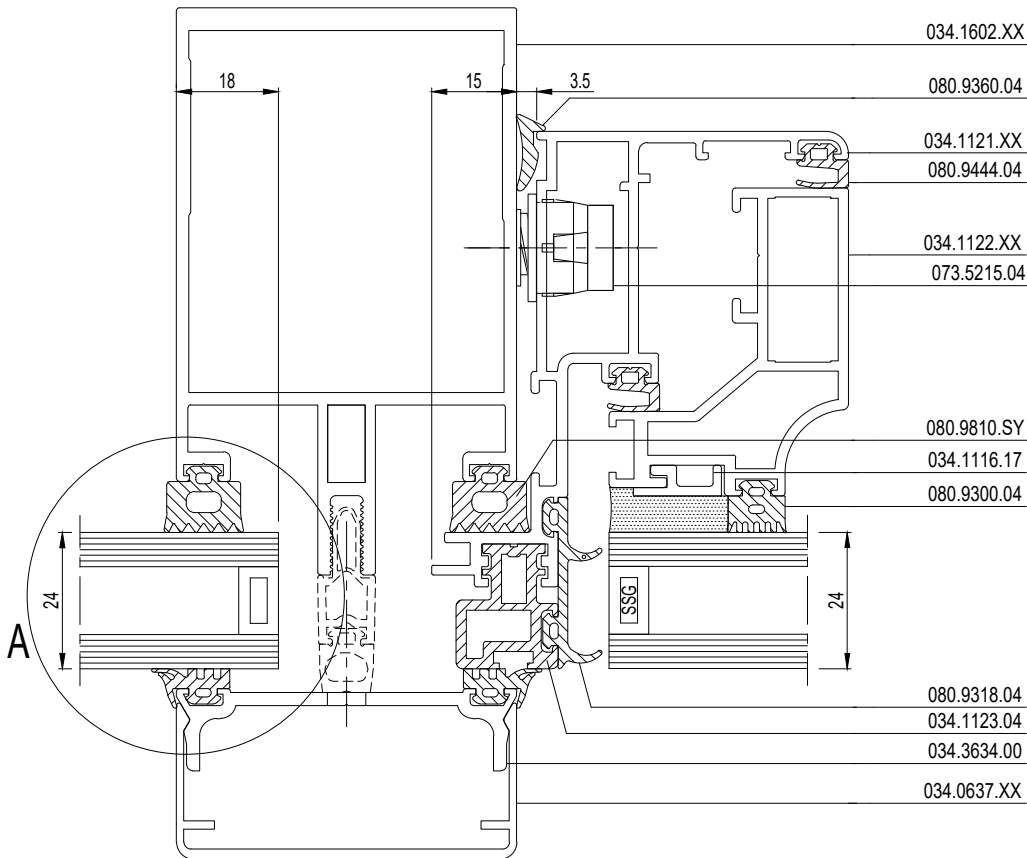
- X** Silicone met lage modulus. DC791 / WS605 / PROGLAZE LMA
Silicone avec module bas. DC791 / WS605 / PROGLAZE LMA
Silicone with low modulus. DC791 / WS605 / PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791 / WS605 / PROGLAZE LMA



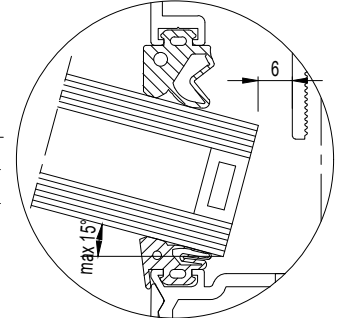
- X** Silicone met lage modulus. DC791 / WS605 / PROGLAZE LMA
 Silicone avec module bas. DC791 / WS605 / PROGLAZE LMA
 Silicone with low modulus. DC791 / WS605 / PROGLAZE LMA
 Silikon mit niedrigem Modulus. DC791 / WS605 / PROGLAZE LMA

ETAG
002

D0091736

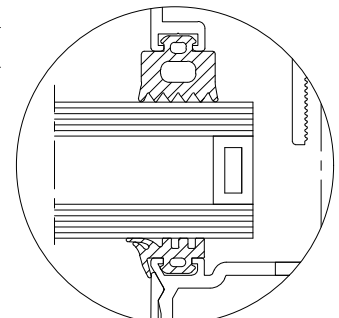


DETAIL A
 150°-180°
 080.9514.SY



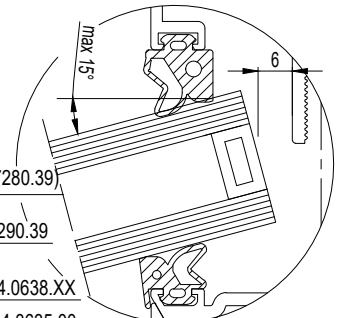
080.9509.SY

180°
 080.9810.04



080.9740.SY

180°-210°
 080.9514.SY



(073.7280.39)

073.7290.39

034.0638.XX

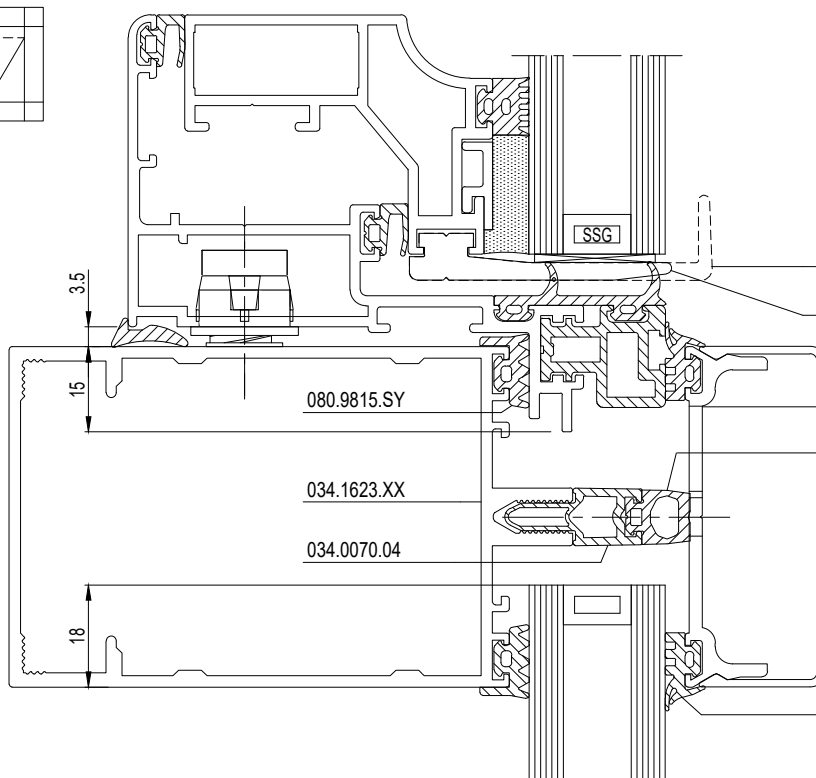
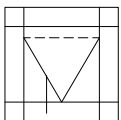
034.3635.00

080.9523.04

080.9509.SY

080.9740.SY

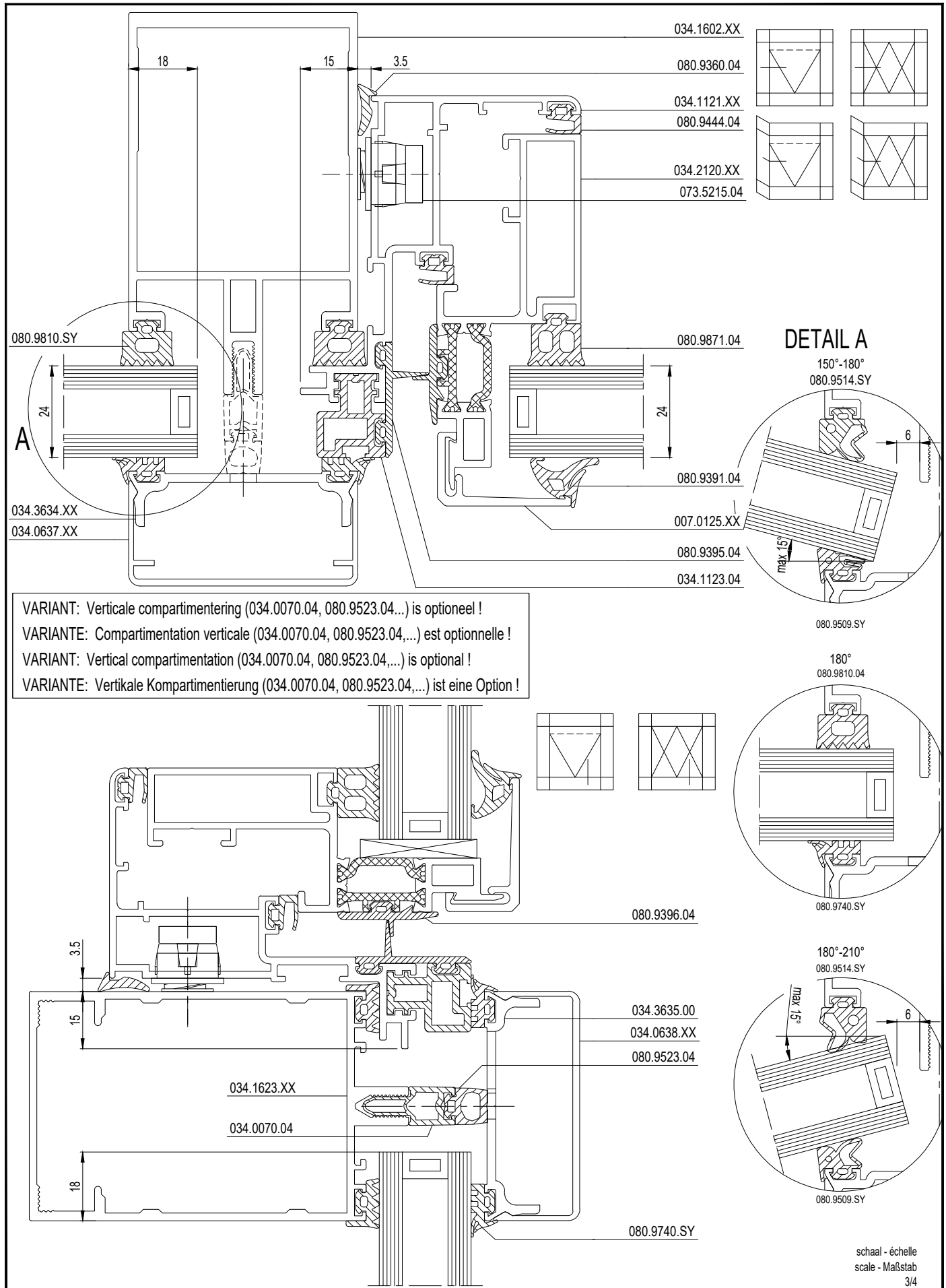
VARIANT: Verticale compartimentering (034.0070.04, 080.9523.04...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionnelle !
 VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
 VARIANTE: Vertikale Kompartimentierung (034.0070.04, 080.9523.04,...) ist eine Option !

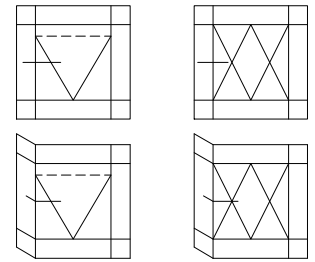
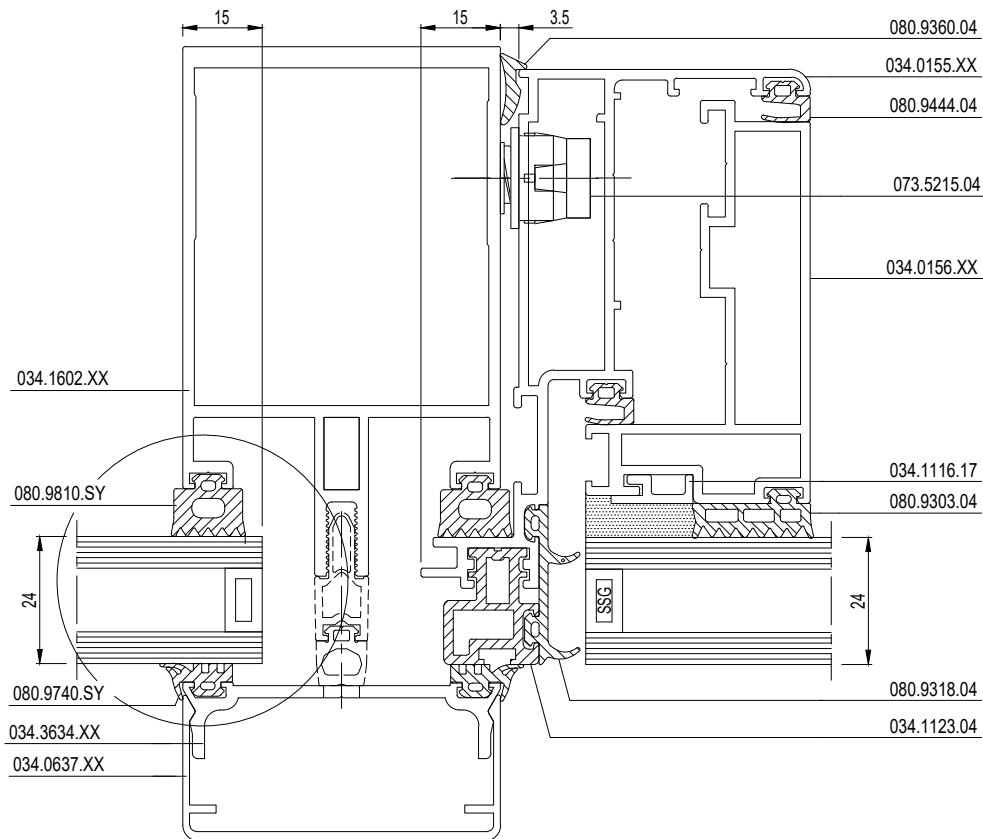


schaal - échelle
 scale - Maßstab
 3/4

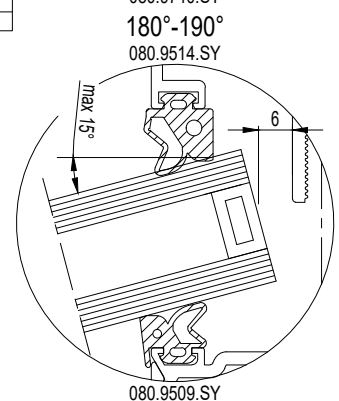
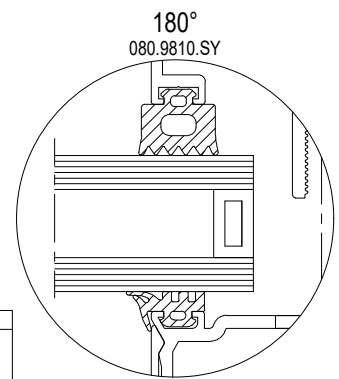
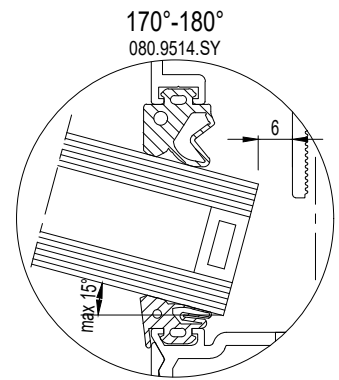
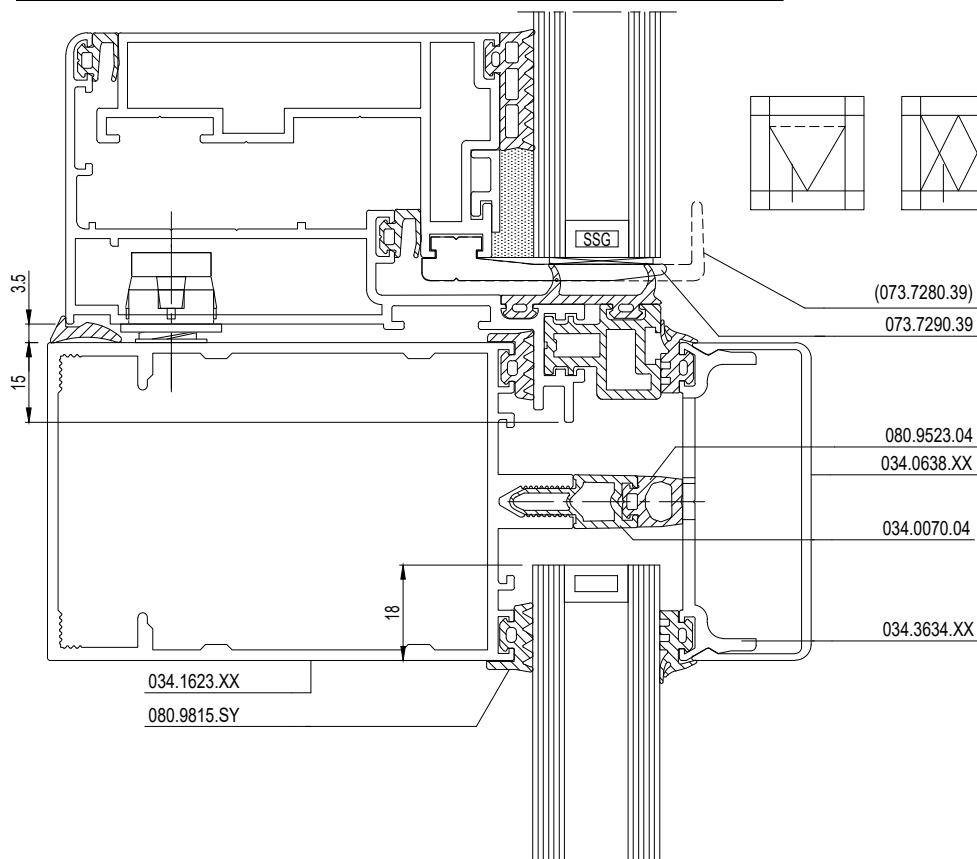
ETAG
 002

D0053656





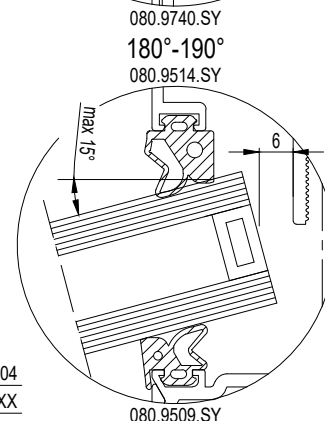
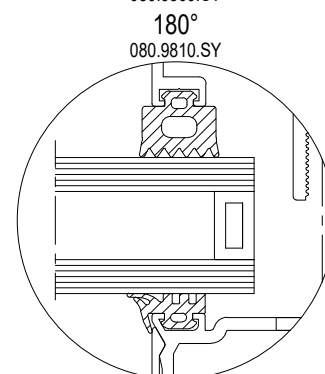
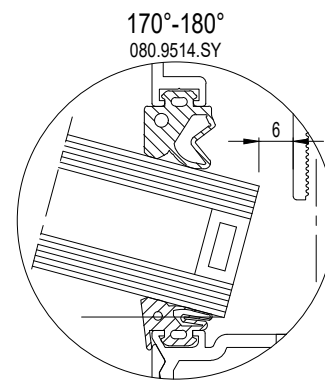
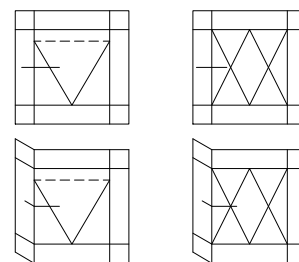
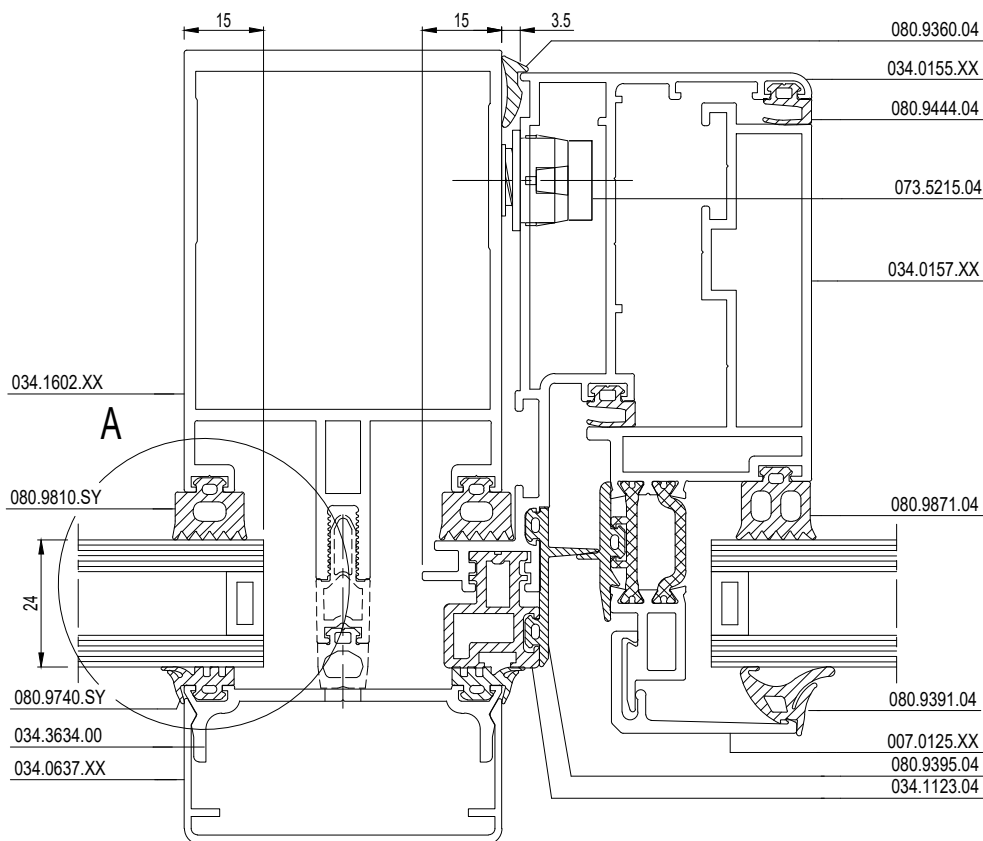
VARIANT: Vertikale compartimentering (034.0070.04, 080.9523.04...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionelle !
 VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
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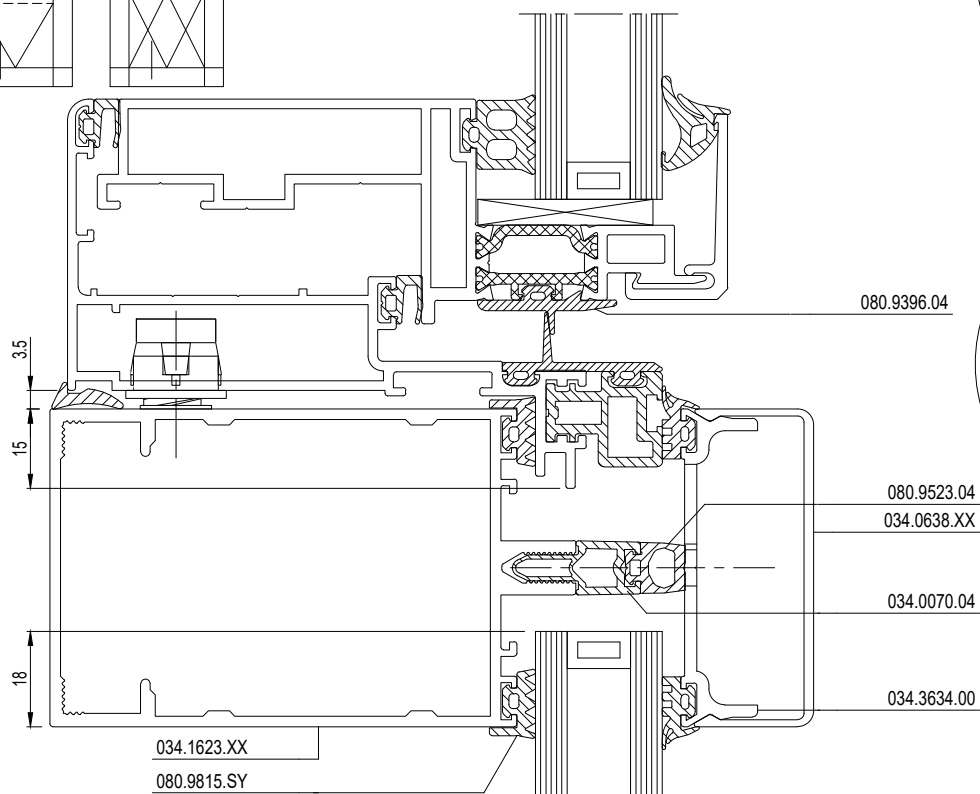
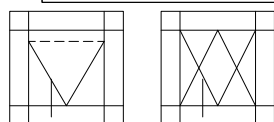
schaal - échelle
 scale - Maßstab
 3/4

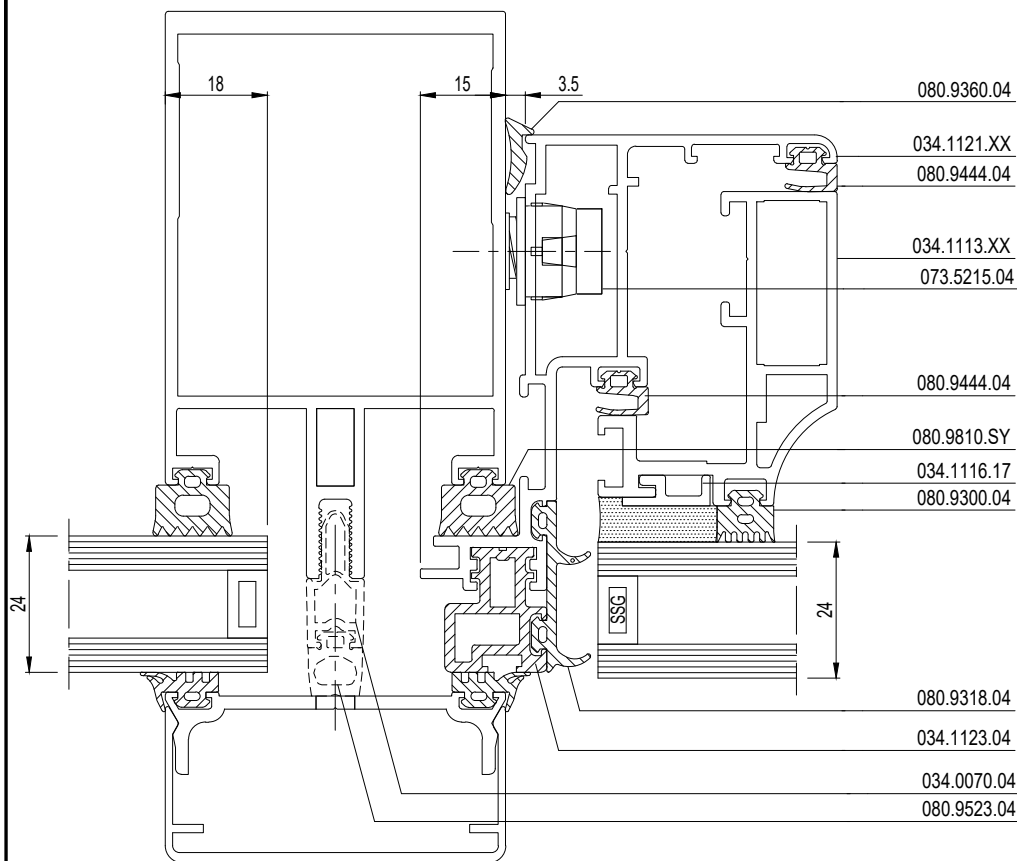
ETAG
 002

D0071982

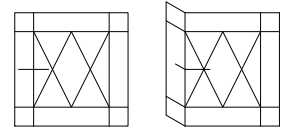
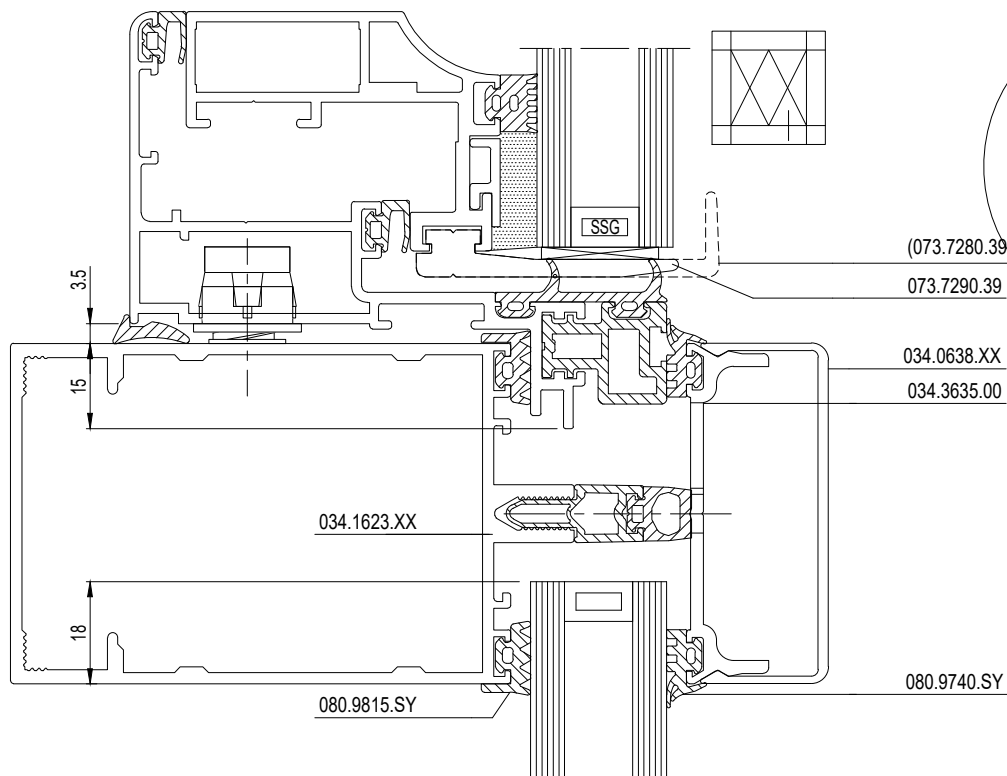


VARIANT: Vertikale compartimentering (034.0070.04, 080.9523.04,...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionnelle !
 VARIANT: Vertical compartmentation (034.0070.04, 080.9523.04,...) is optional !
 VARIANTE: Vertikale Kompartimentierung (034.0070.04, 080.9523.04,...) ist eine Option !

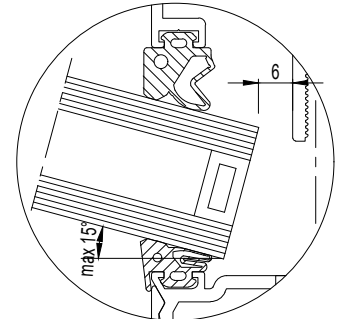




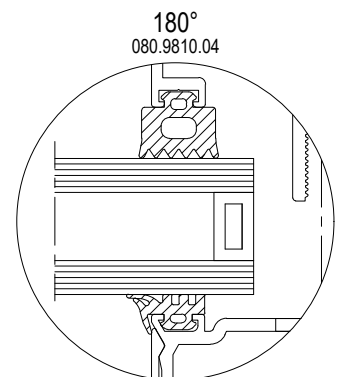
VARIANT: Verticale compartimentering (034.0070.04, 080.9523.04,...) is optioneel !
 VARIANTE: Compartimentation verticale (034.0070.04, 080.9523.04,...) est optionnelle !
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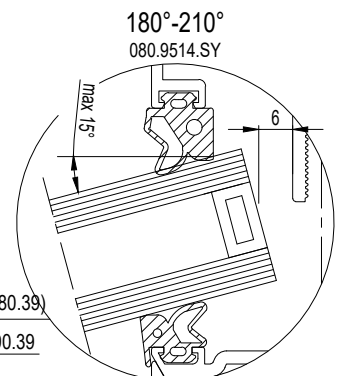
DETAIL A
 150°-180°
 080.9514.SY



080.9509.SY



080.9740.SY

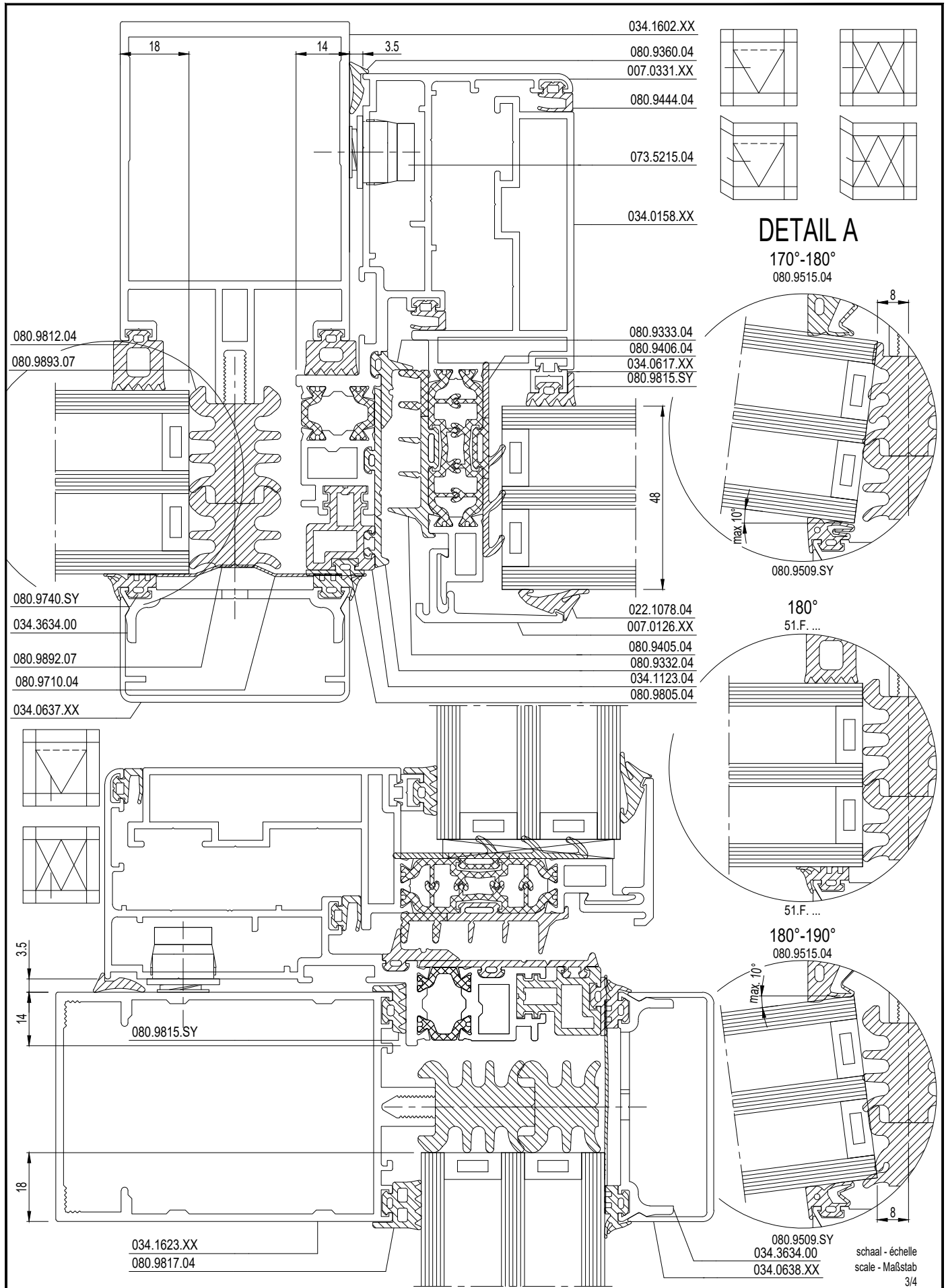


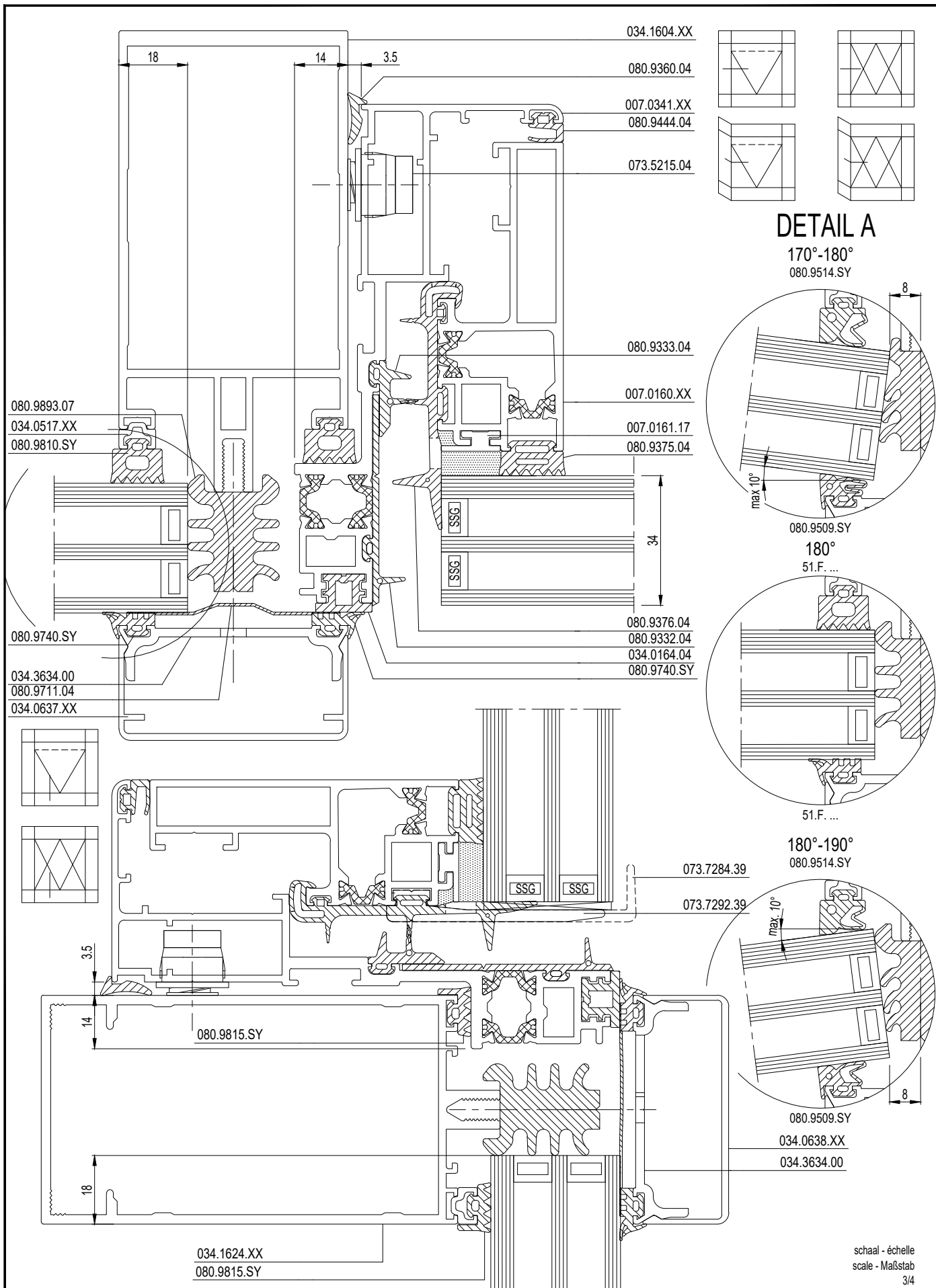
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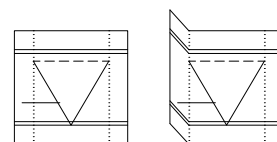
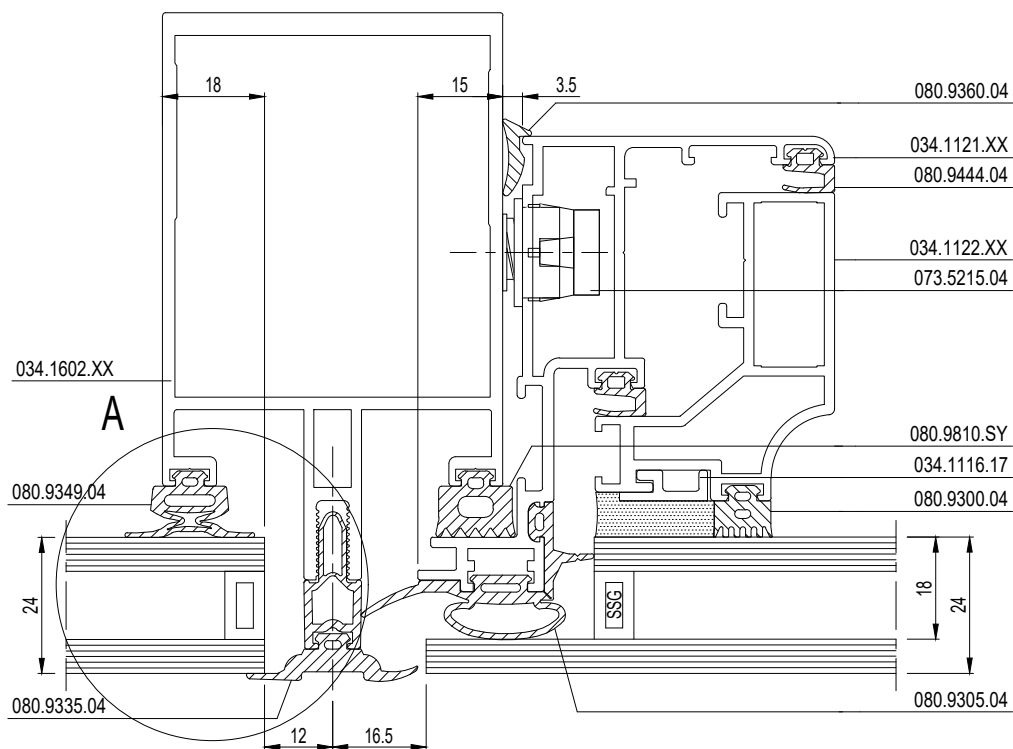
schaal - échelle
 scale - Maßstab
 3/4

ETAG
 002

D0053658

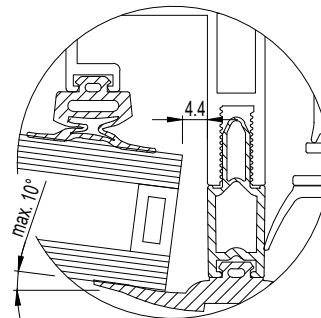




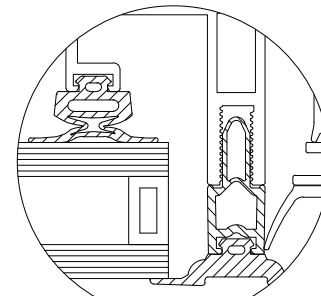


DETAIL A

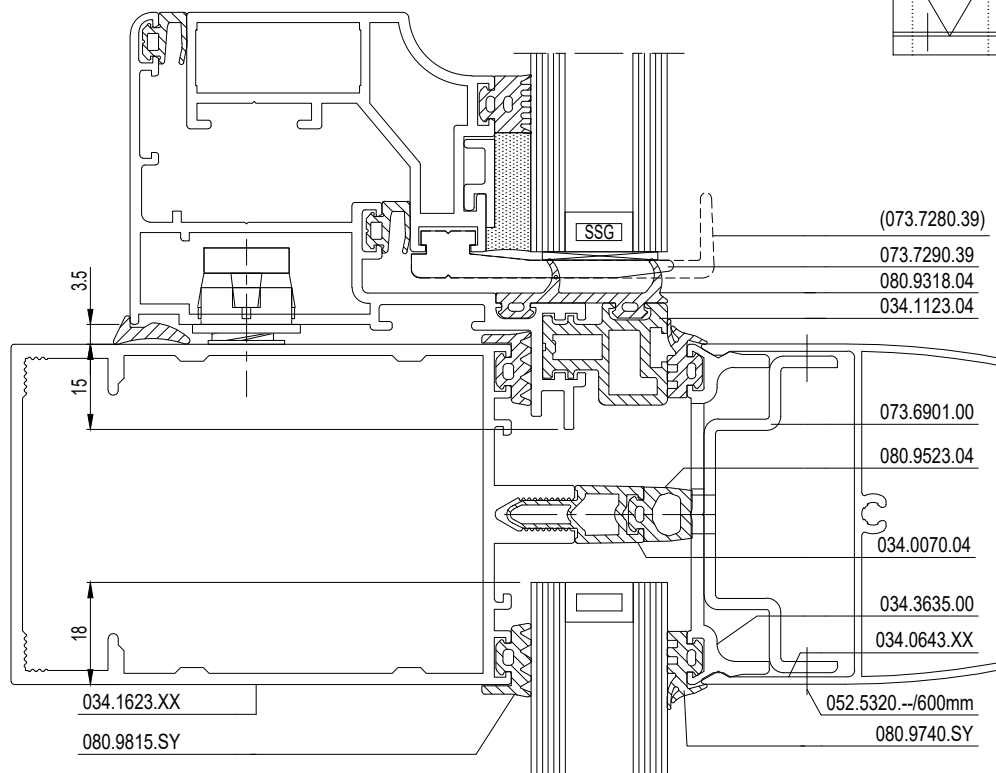
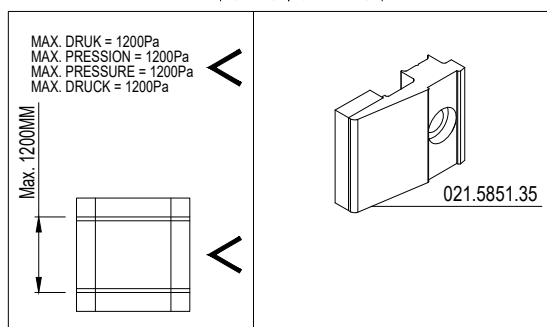
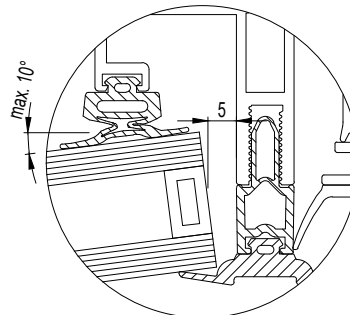
170°-180°
 080.9349.04



180°
 080.9349.04



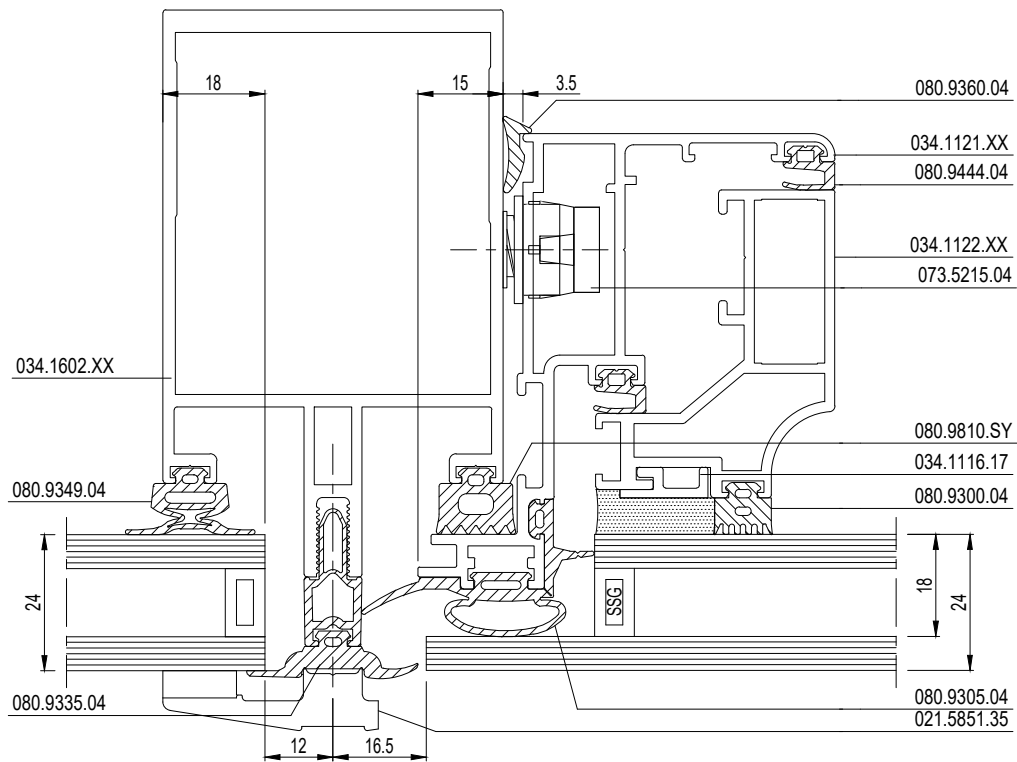
180°-190°
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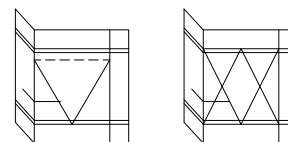
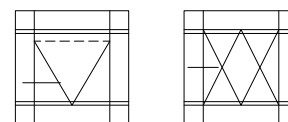
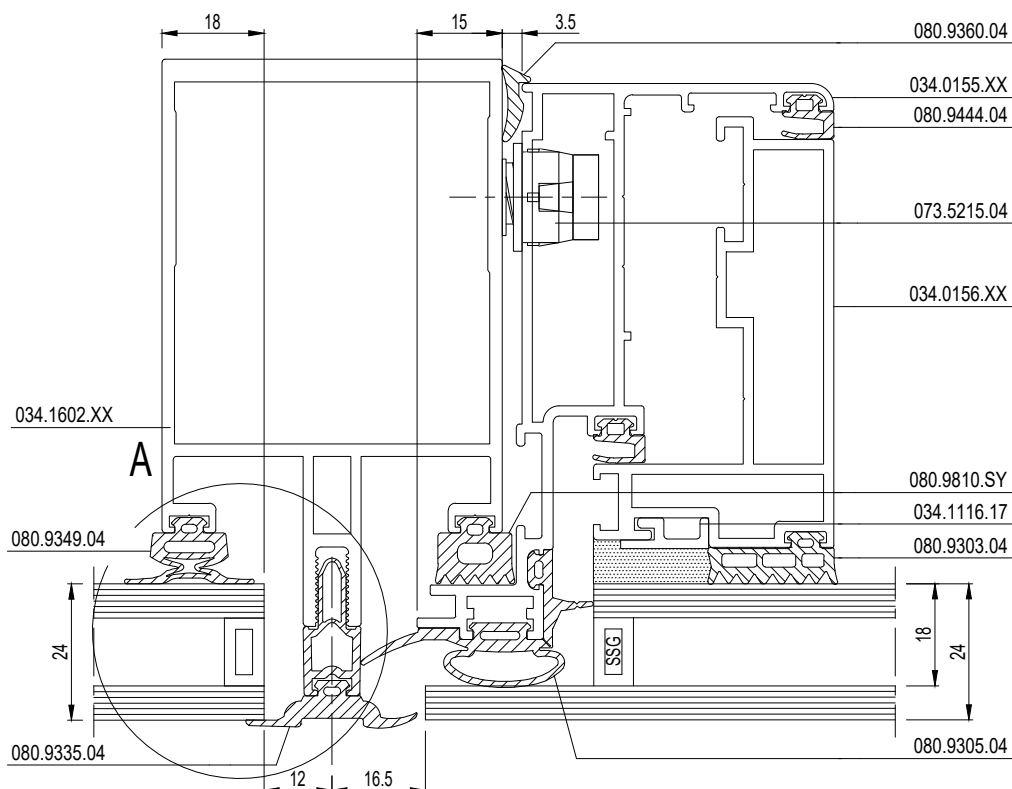


schaal - échelle
 scale - Maßstab
 3/4

ETAG
 002

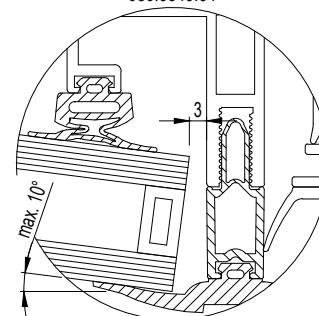
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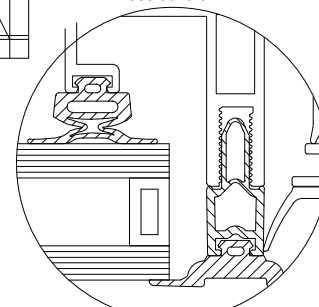


DETAIL A

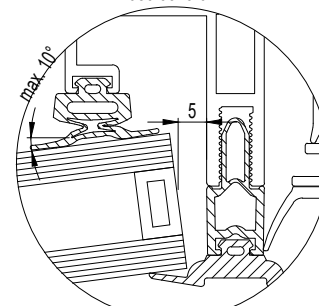
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080.9336.04
 180°
 080.9349.04



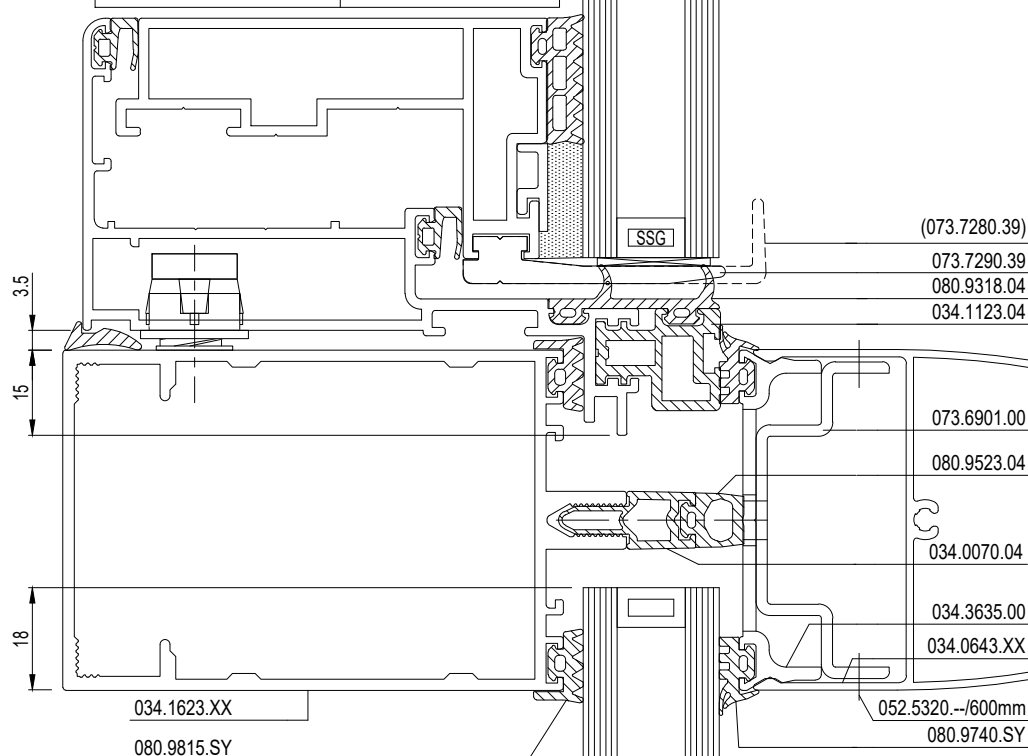
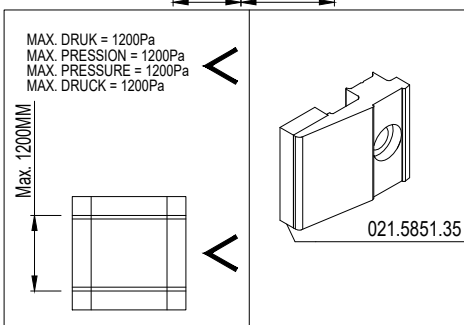
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 180°-190°
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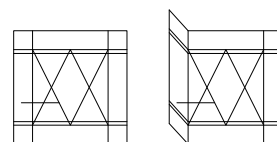
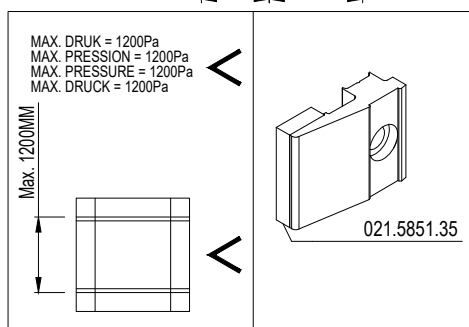
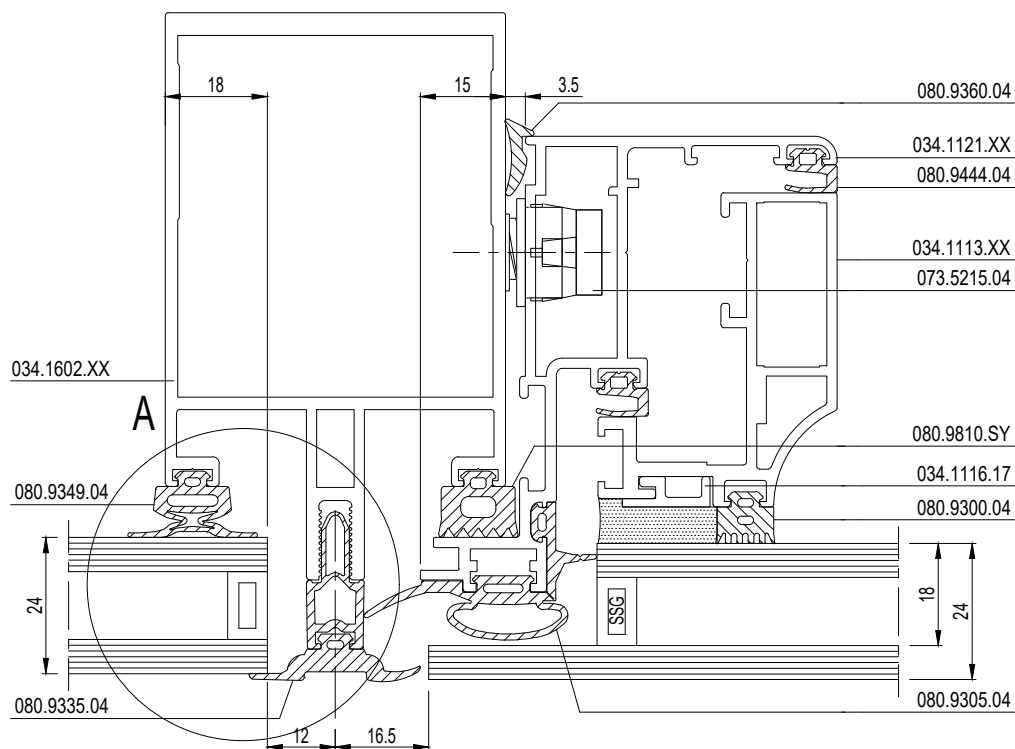


080.9335.04

schaal - échelle
 scale - Maßstab
 3/4

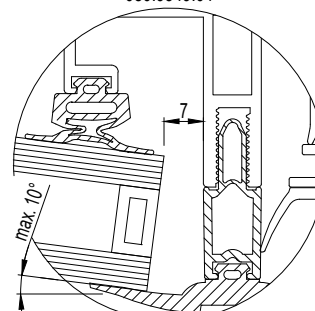
ETAG
 002



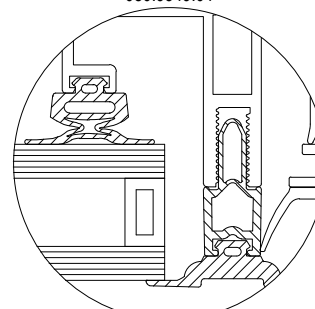


DETAIL A

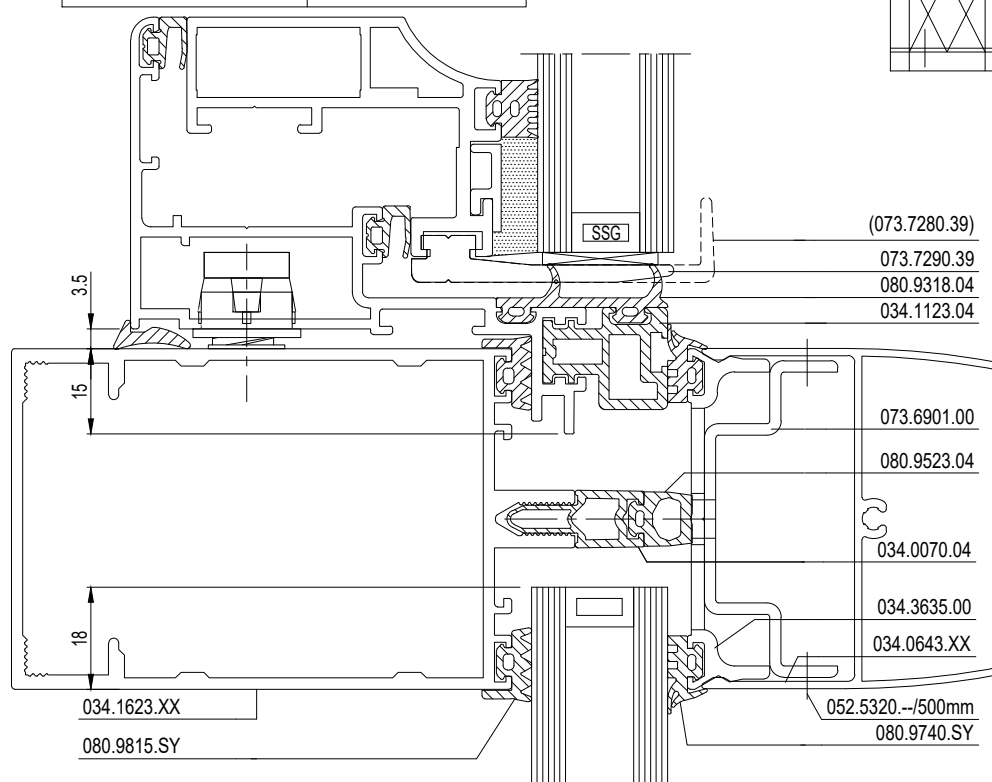
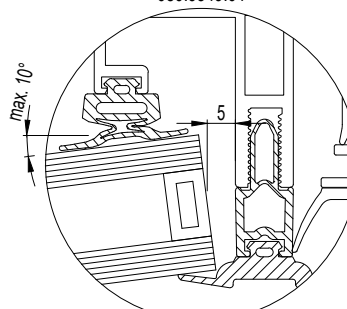
170°-180°
 080.9349.04



180°
 080.9349.04



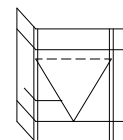
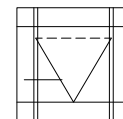
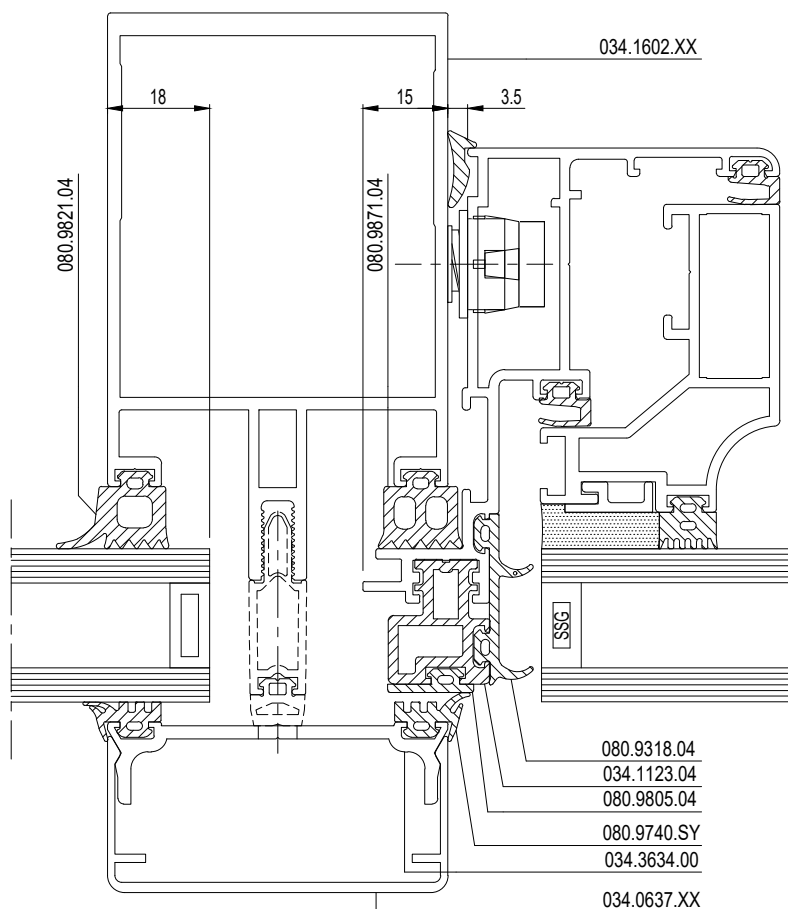
180°-190°
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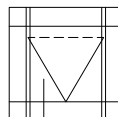
schaal - échelle
 scale - Maßstab
 3/4

ETAG
 002

D0077139



080.9318.04
 034.1123.04
 080.9805.04
 080.9740.SY
 034.3634.00
 034.0637.XX



VARIANT
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080.9444.04

034.1122.XX

034.1121.XX

034.1116.XX

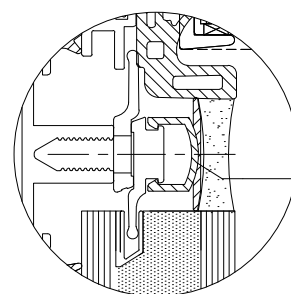
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034.0138.00

034.1623.XX



034.0184.04

SSG

(073.7194.39)
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 080.9937.04

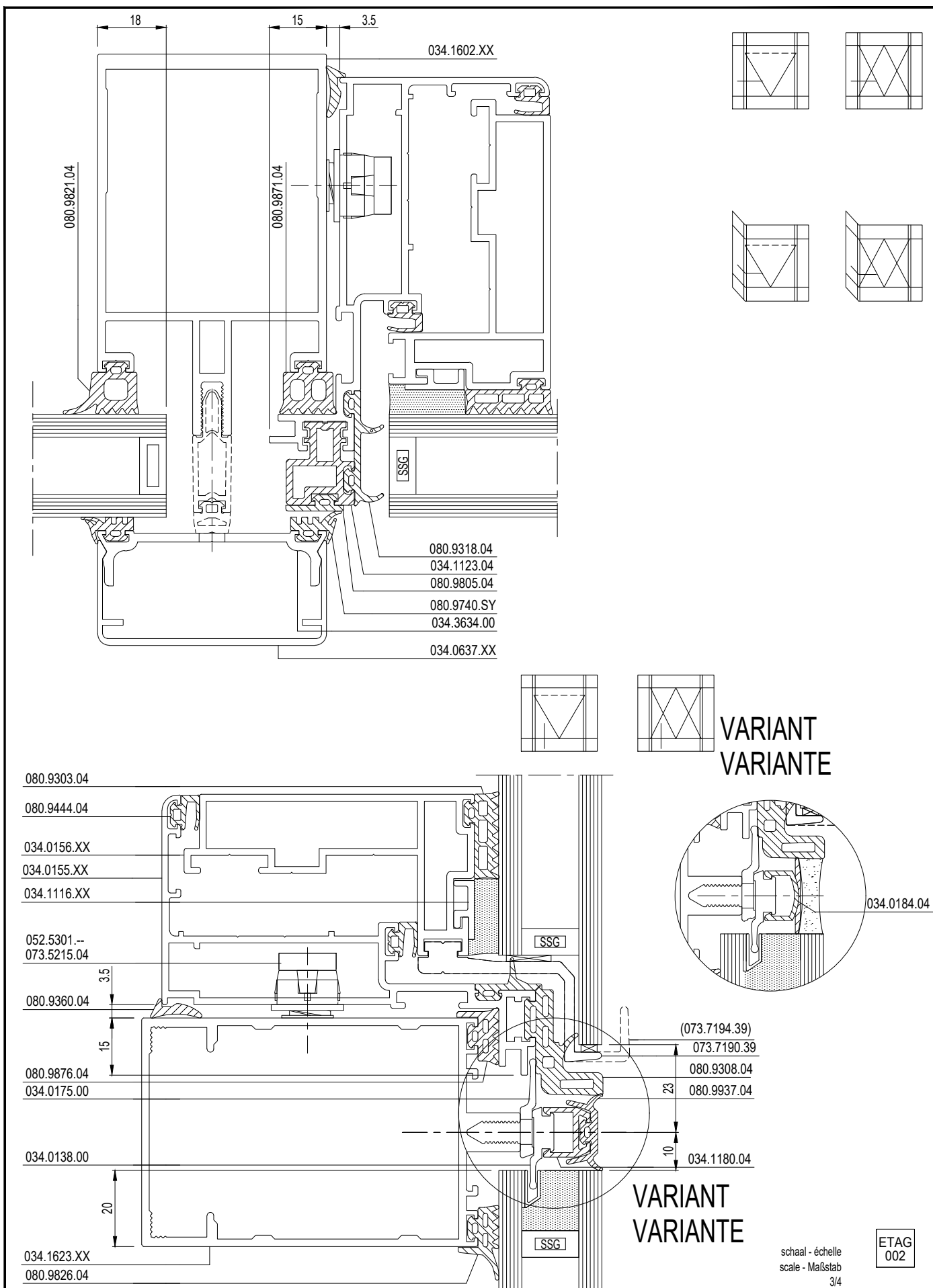
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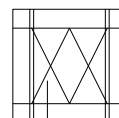
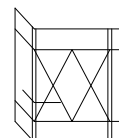
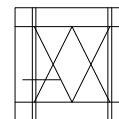
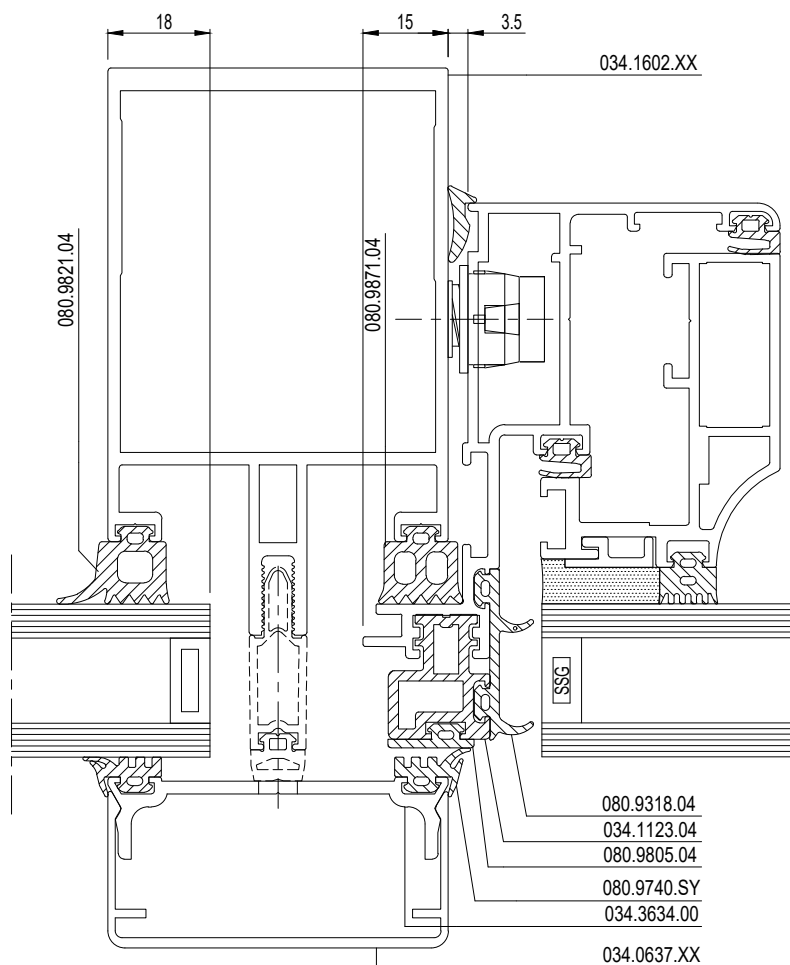
VARIANT
 VARIANTE

schaal - échelle
 scale - Maßstab
 3/4

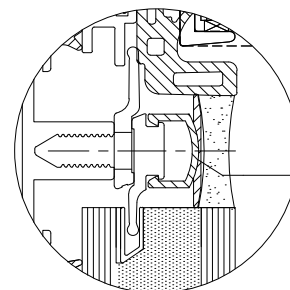
ETAG
 002

D0091641





VARIANT
 VARIANTE



034.0184.04

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080.9444.04

034.1113.XX

034.1121.XX

034.1116.XX

052.5301.--

073.5215.04

080.9360.04

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(073.7194.39)

073.7190.39

080.9308.04

080.9937.04

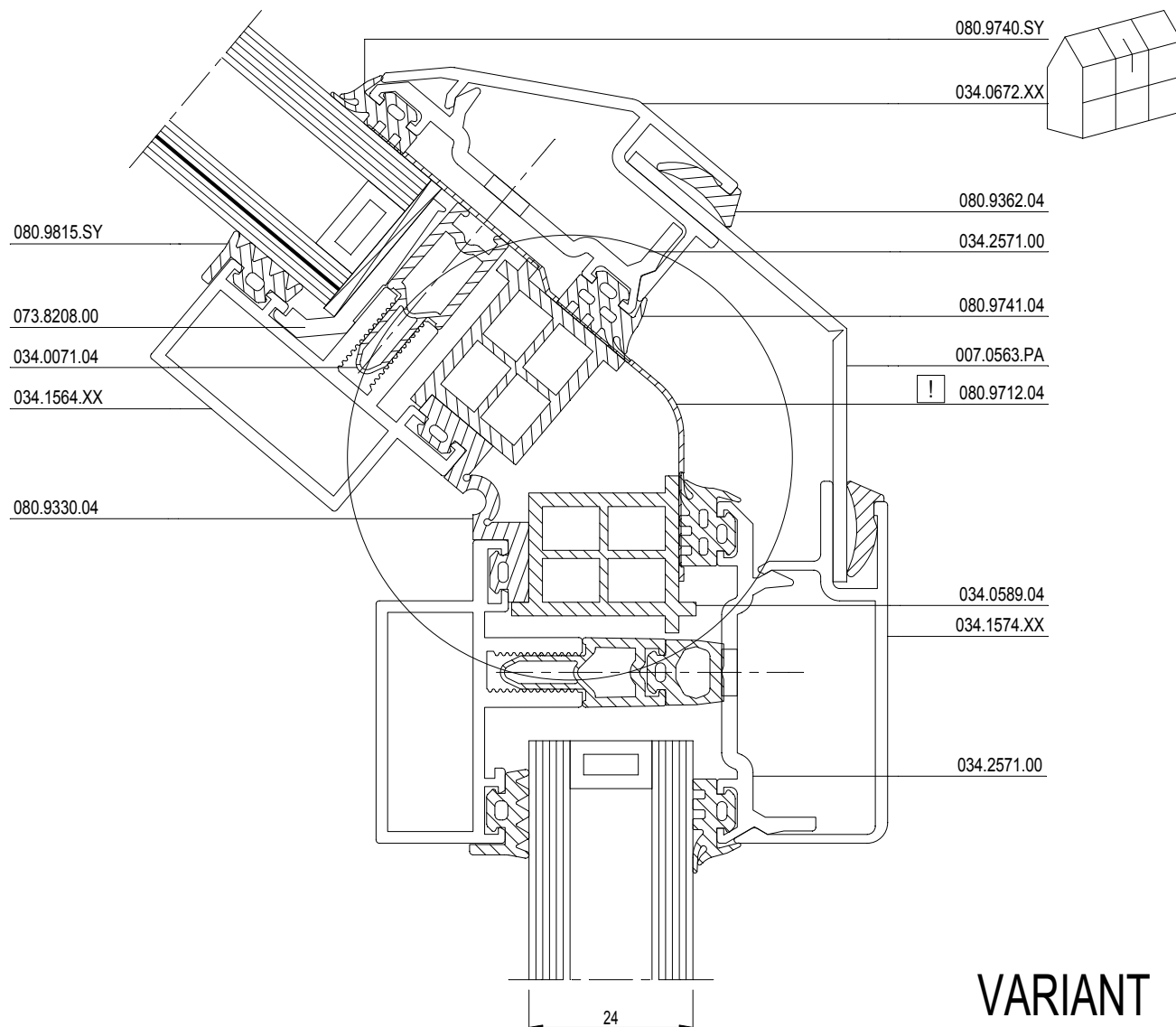
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VARIANT
 VARIANTE

schaal - échelle
 scale - Maßstab
 3/4

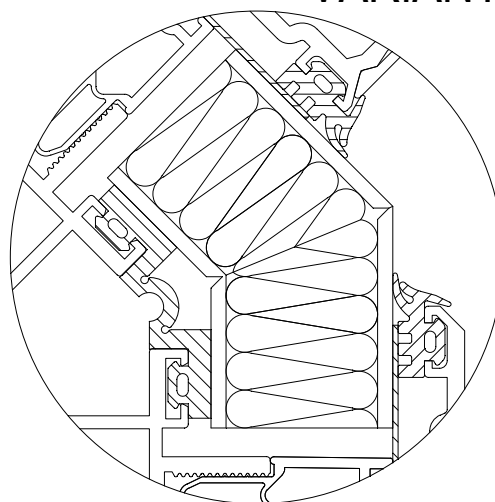
ETAG
 002

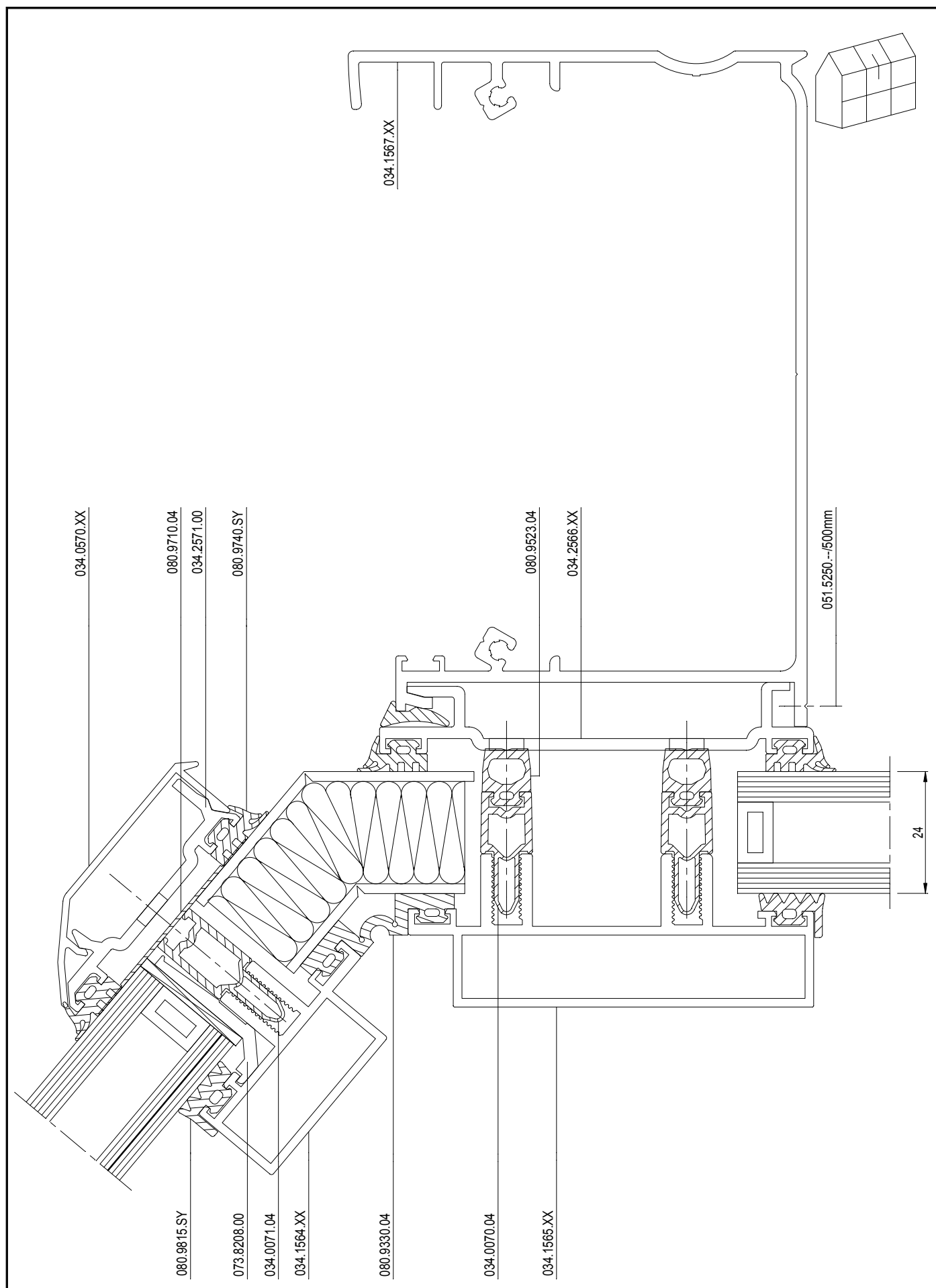
D0091646

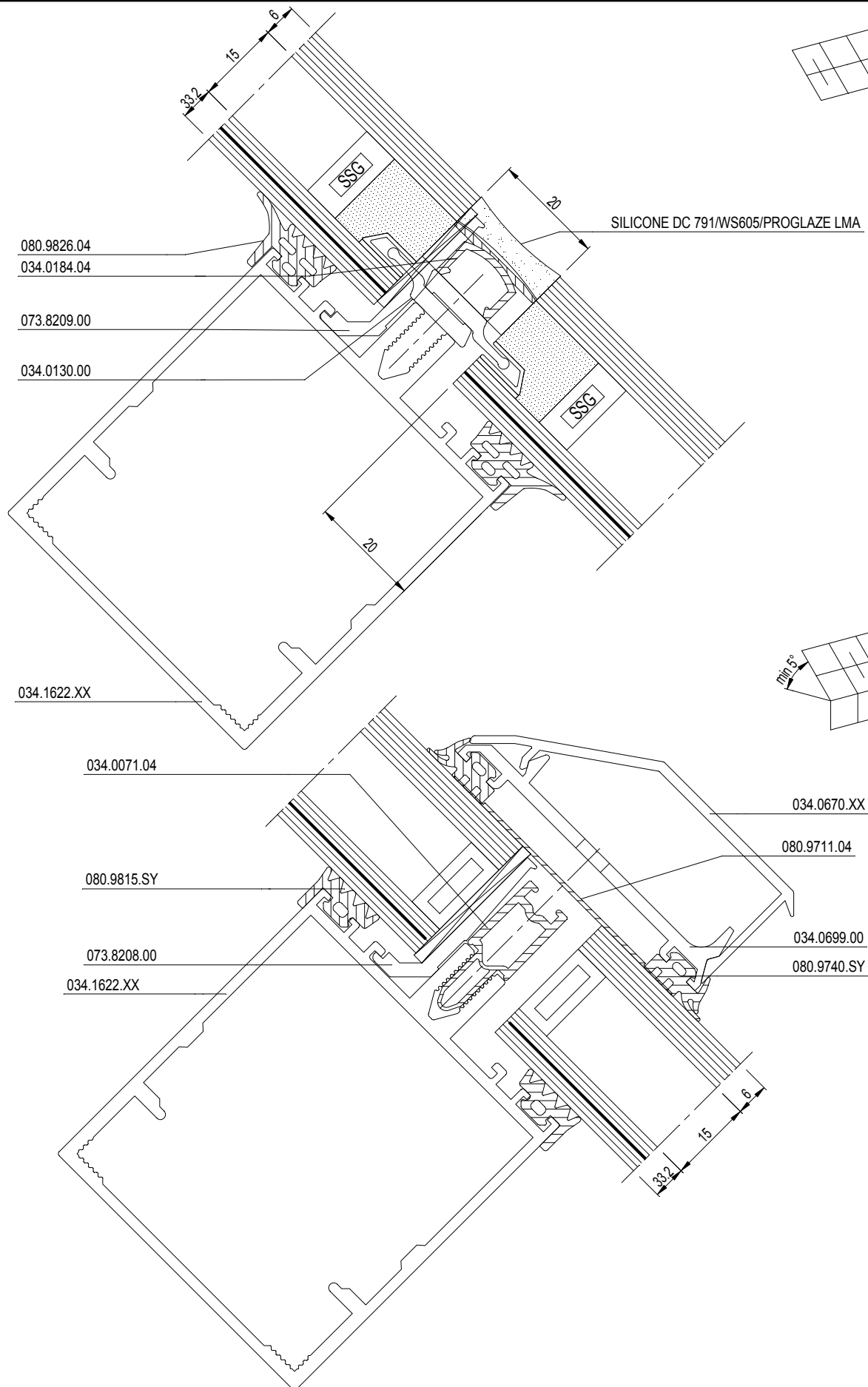


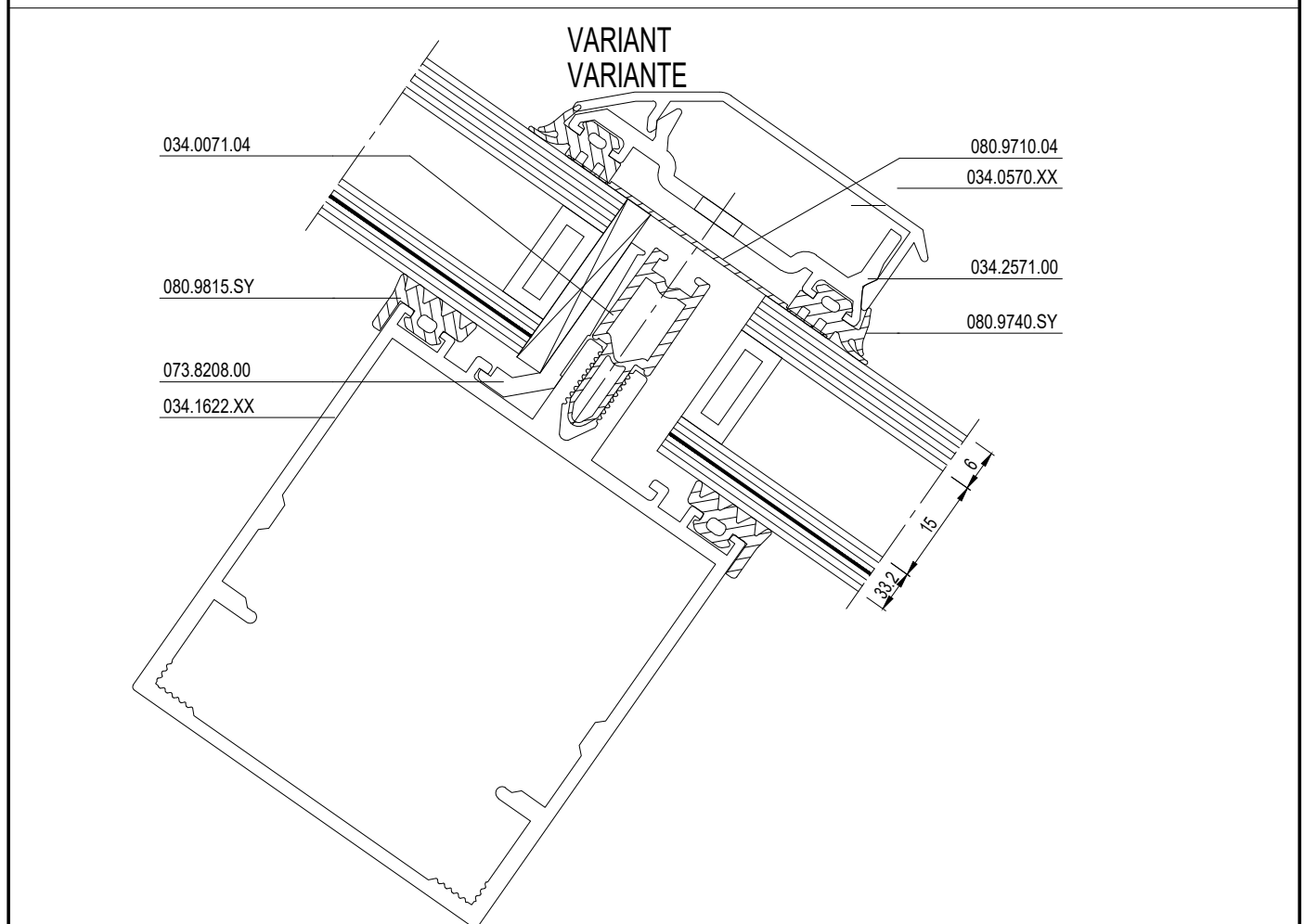
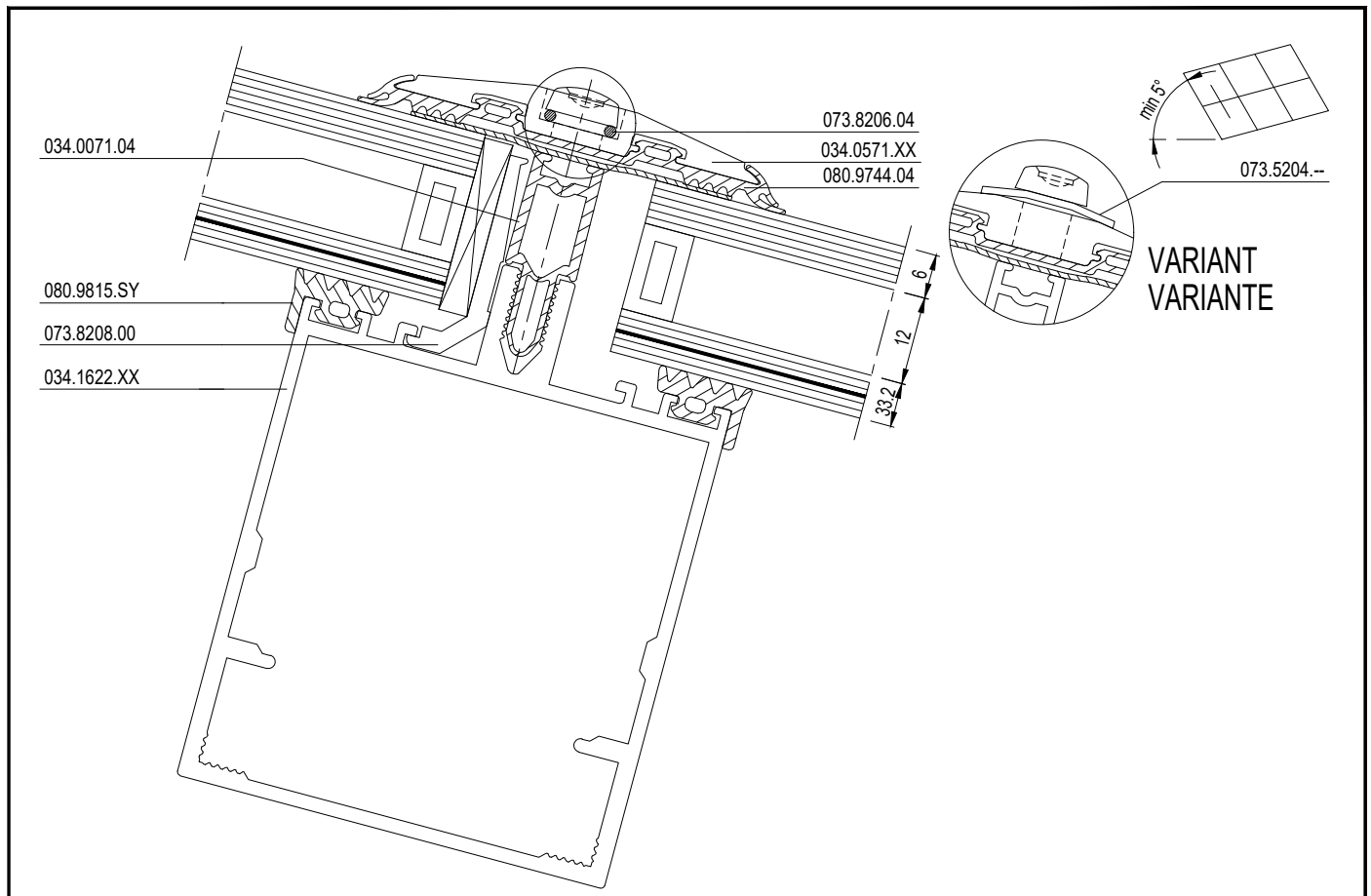
VARIANT
VARIANTE

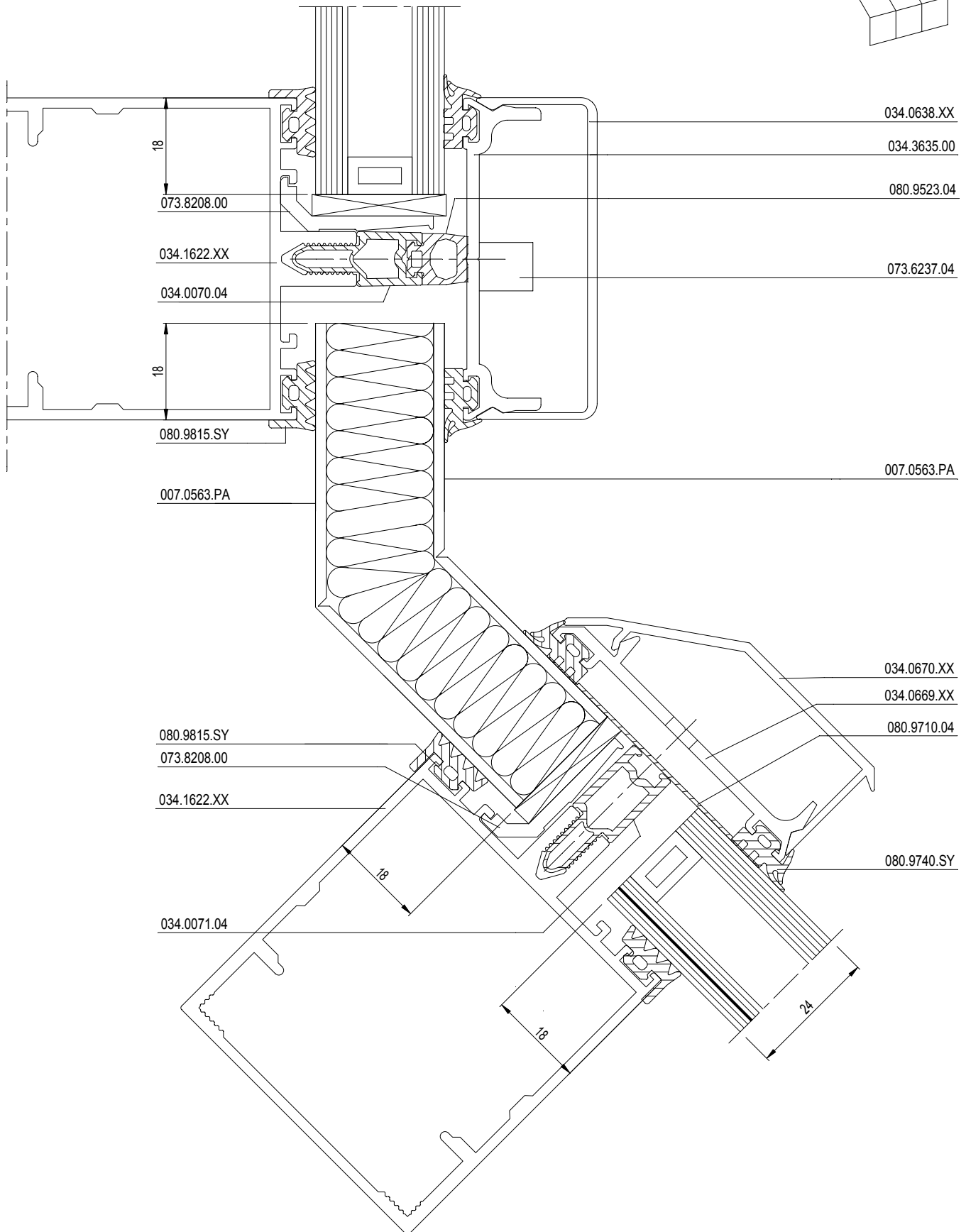
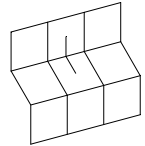
Horizontale compartentering is verplicht !
Compartimentation horizontale est obligatoire !
Horizontal compartmentation is obligatory !
Horizontale Kompartimentierung ist verpflichtet !

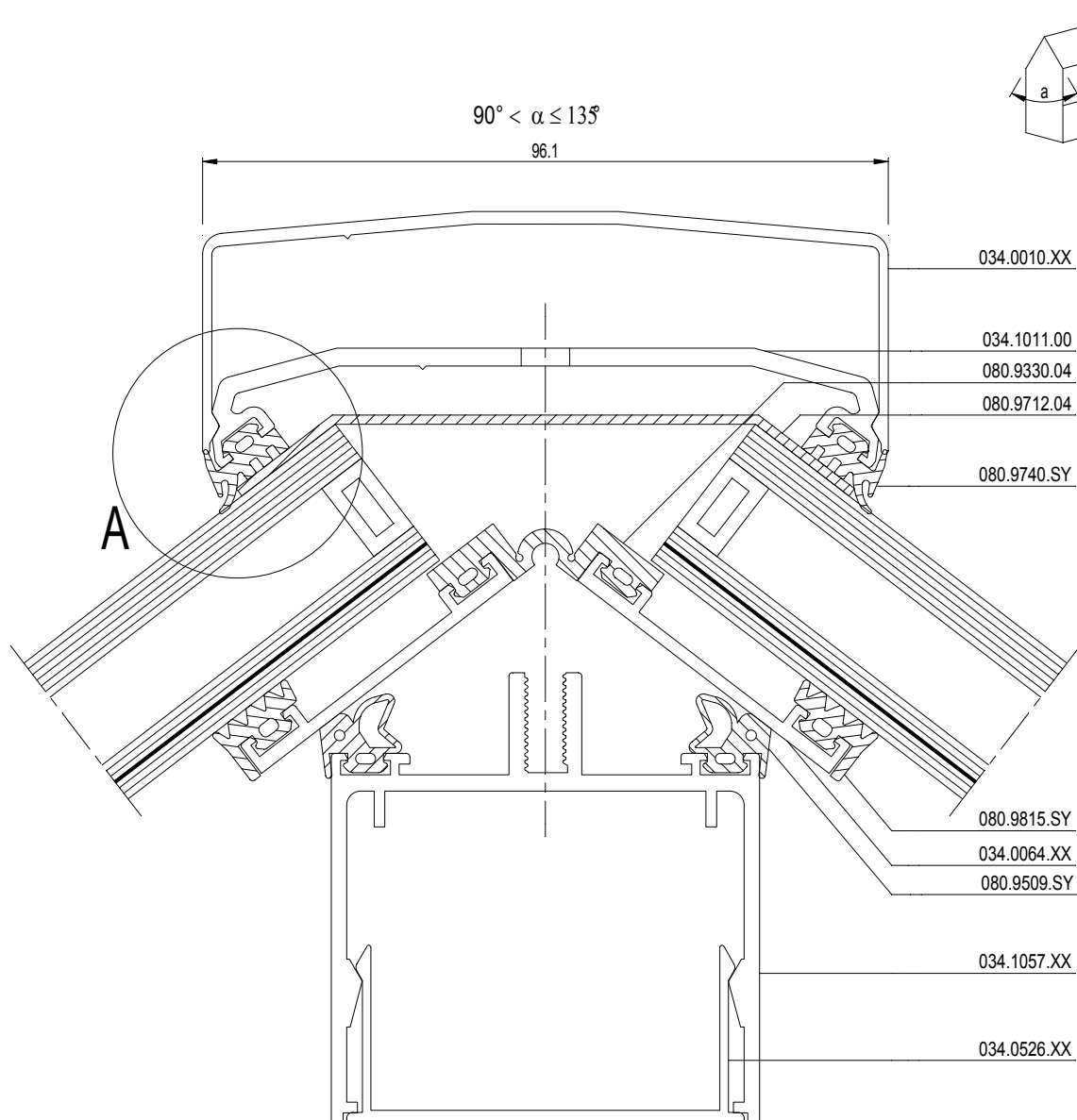




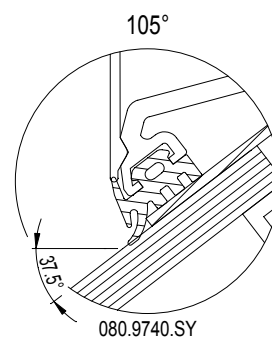
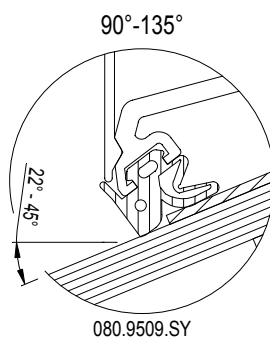






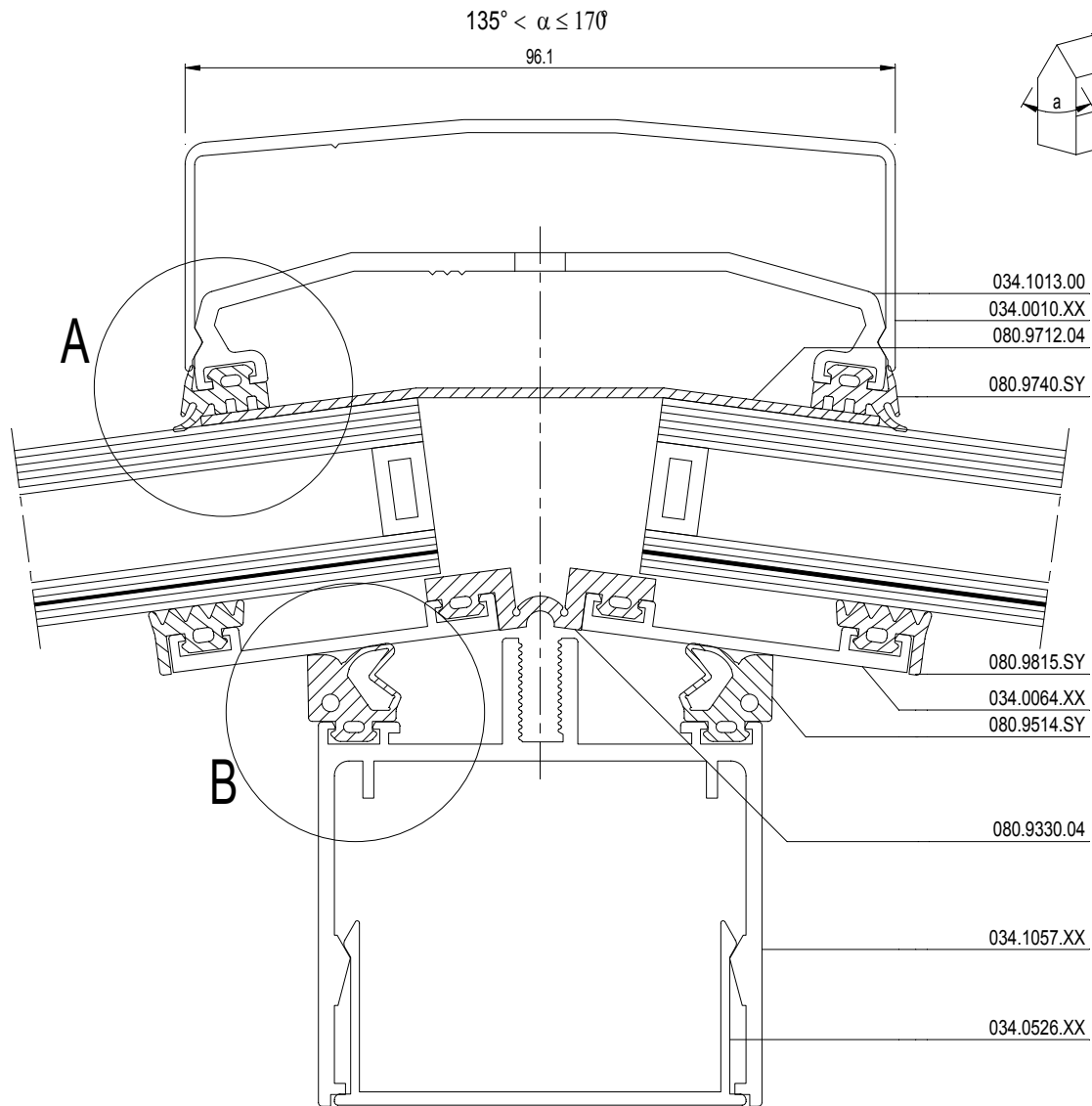


DETAIL A

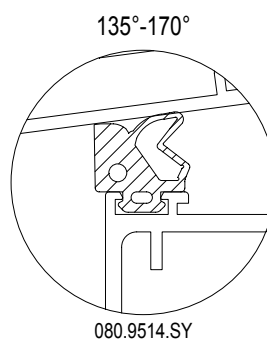
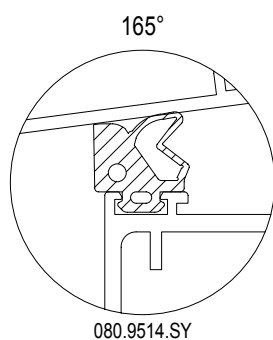
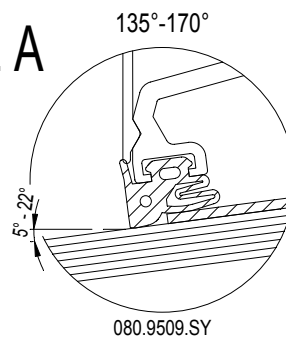
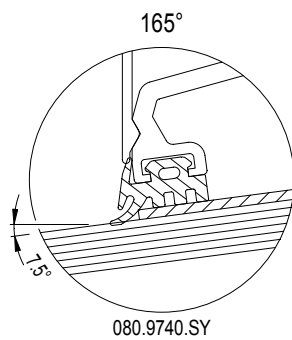


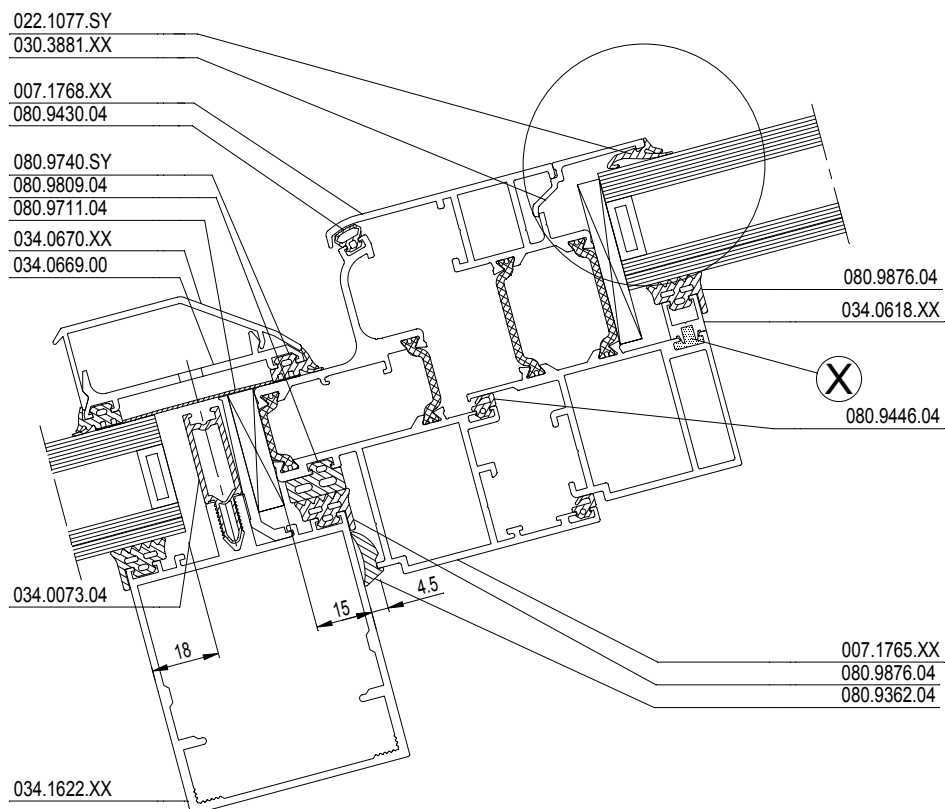
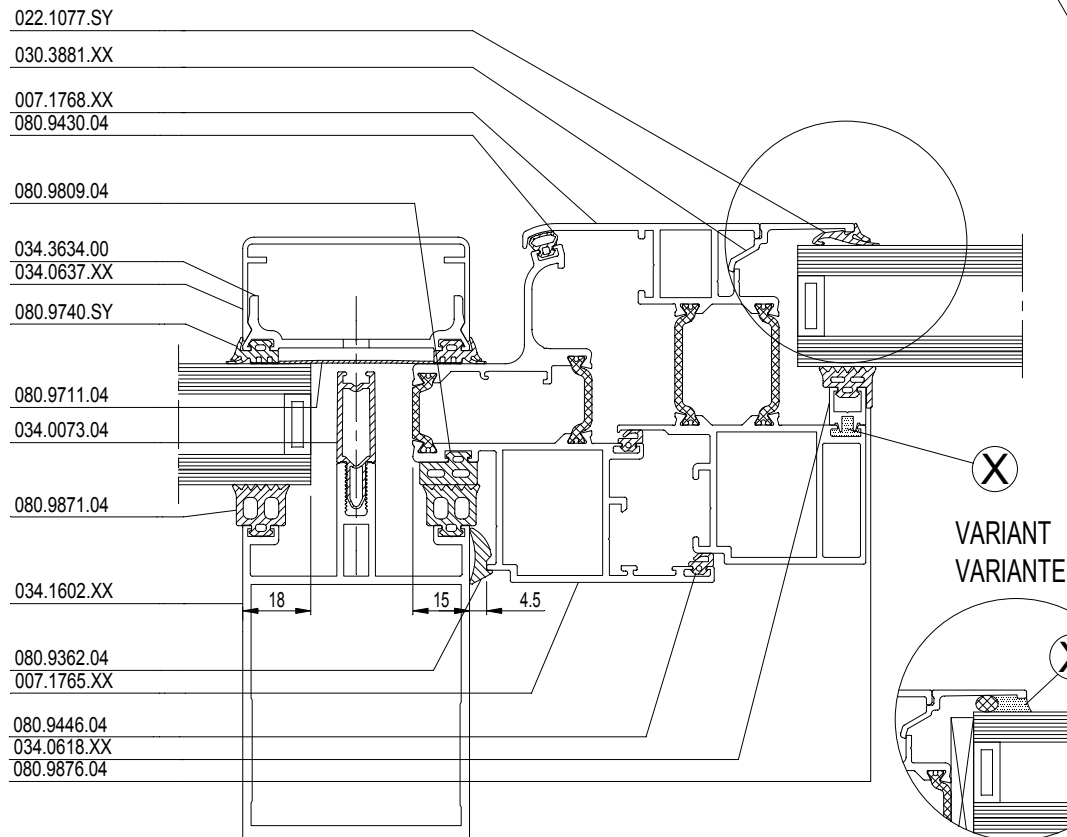
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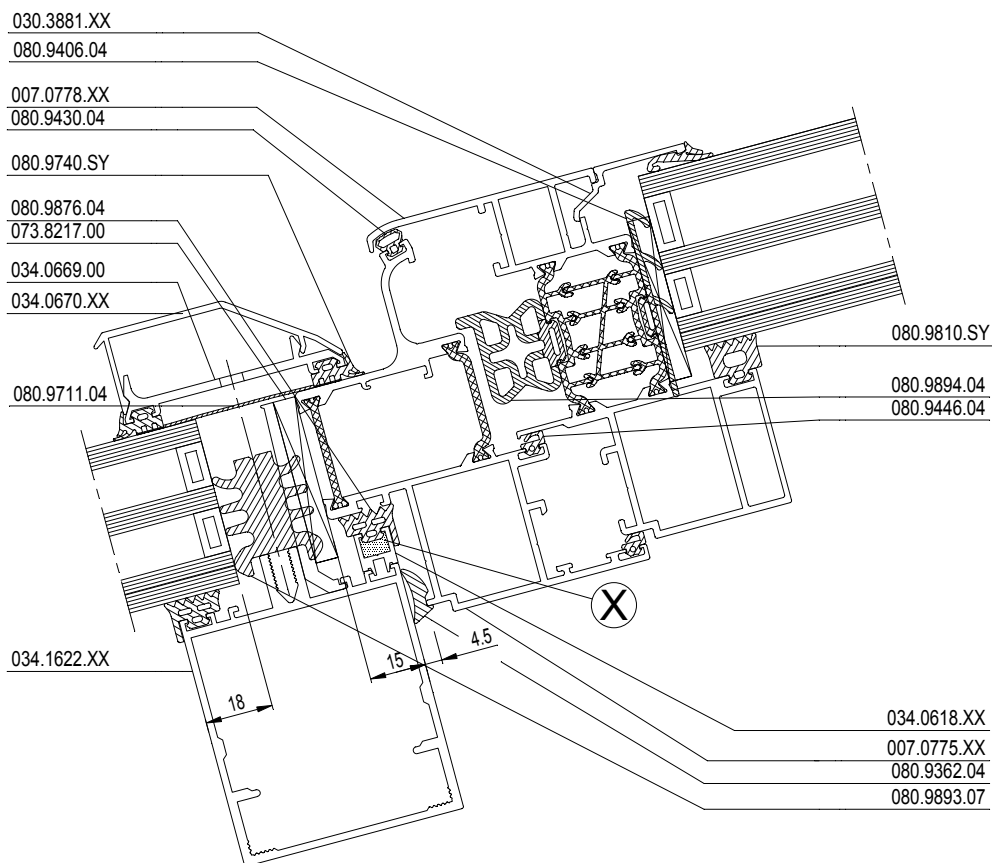
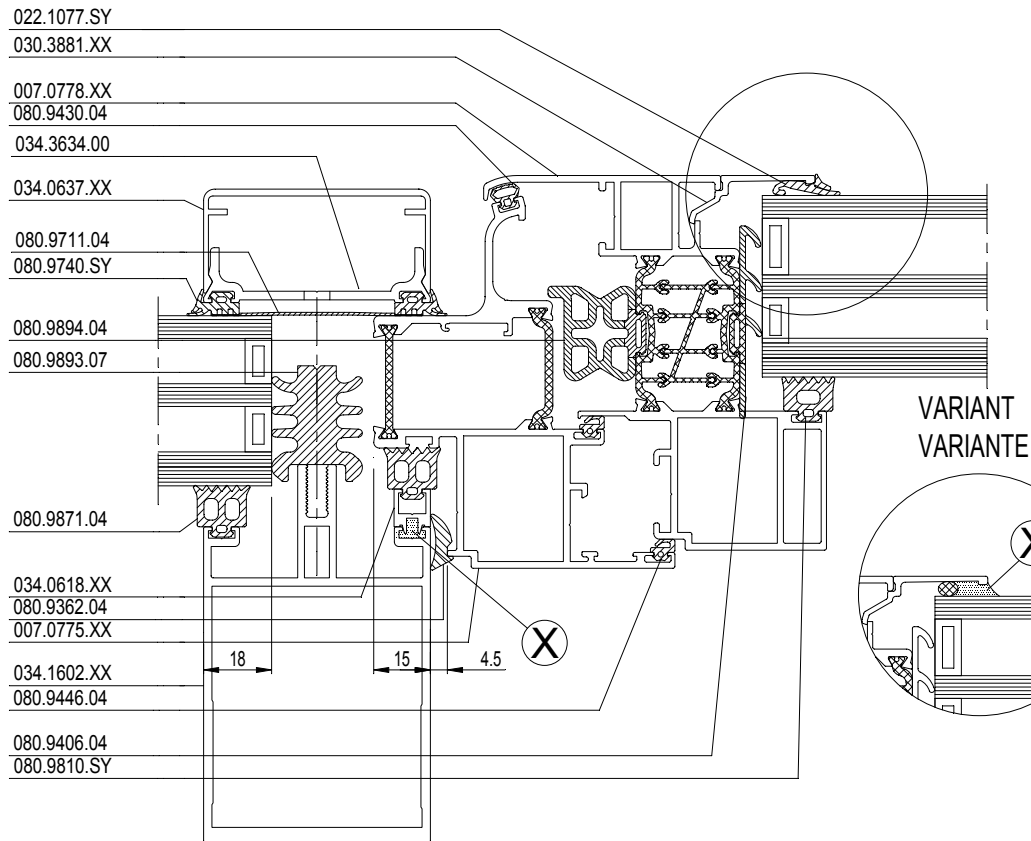
D0055683

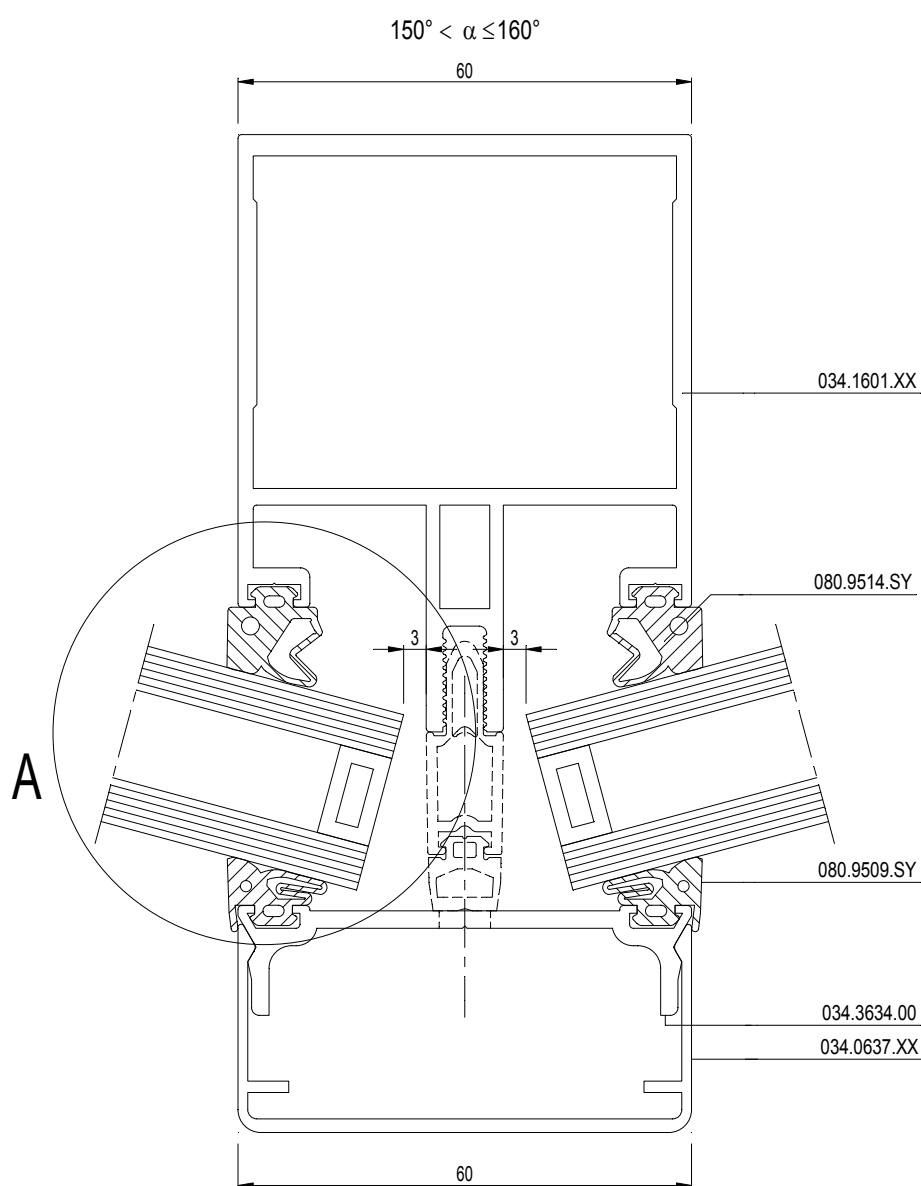


DETAIL A

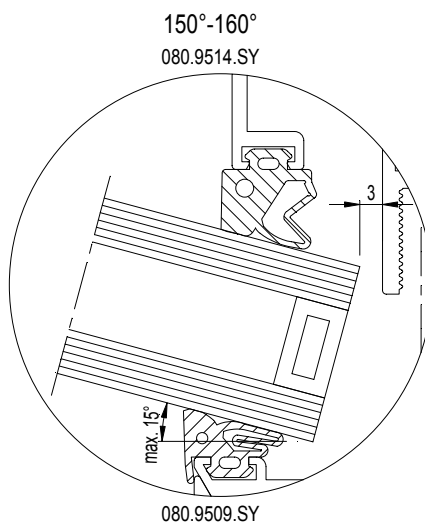


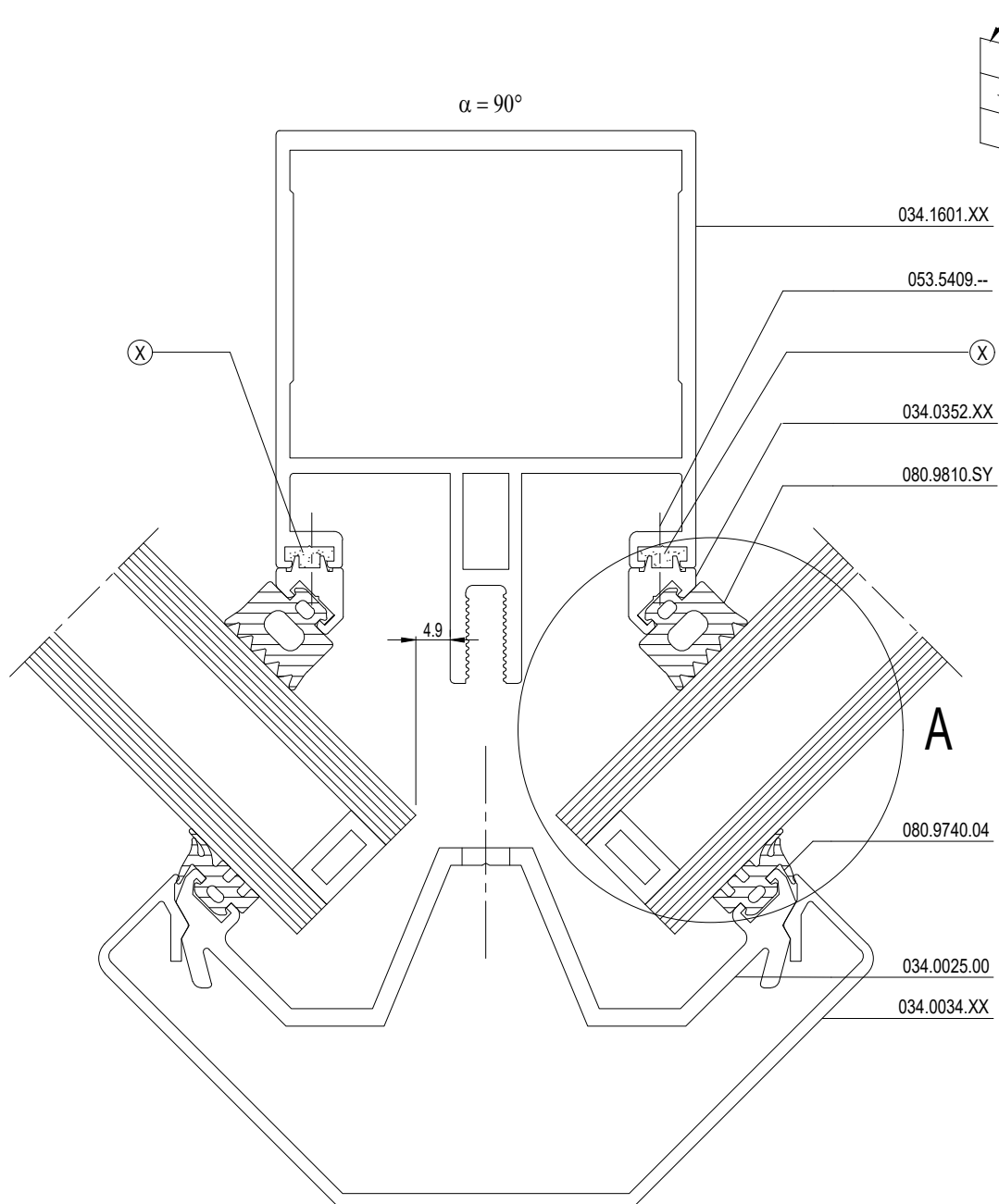






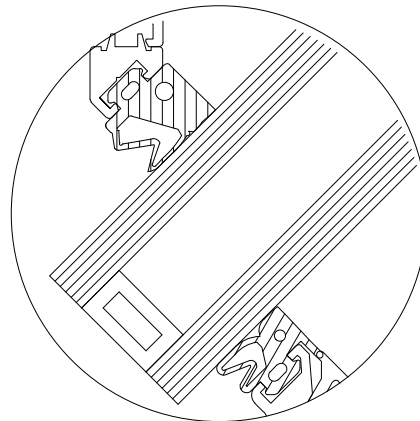
DETAIL A



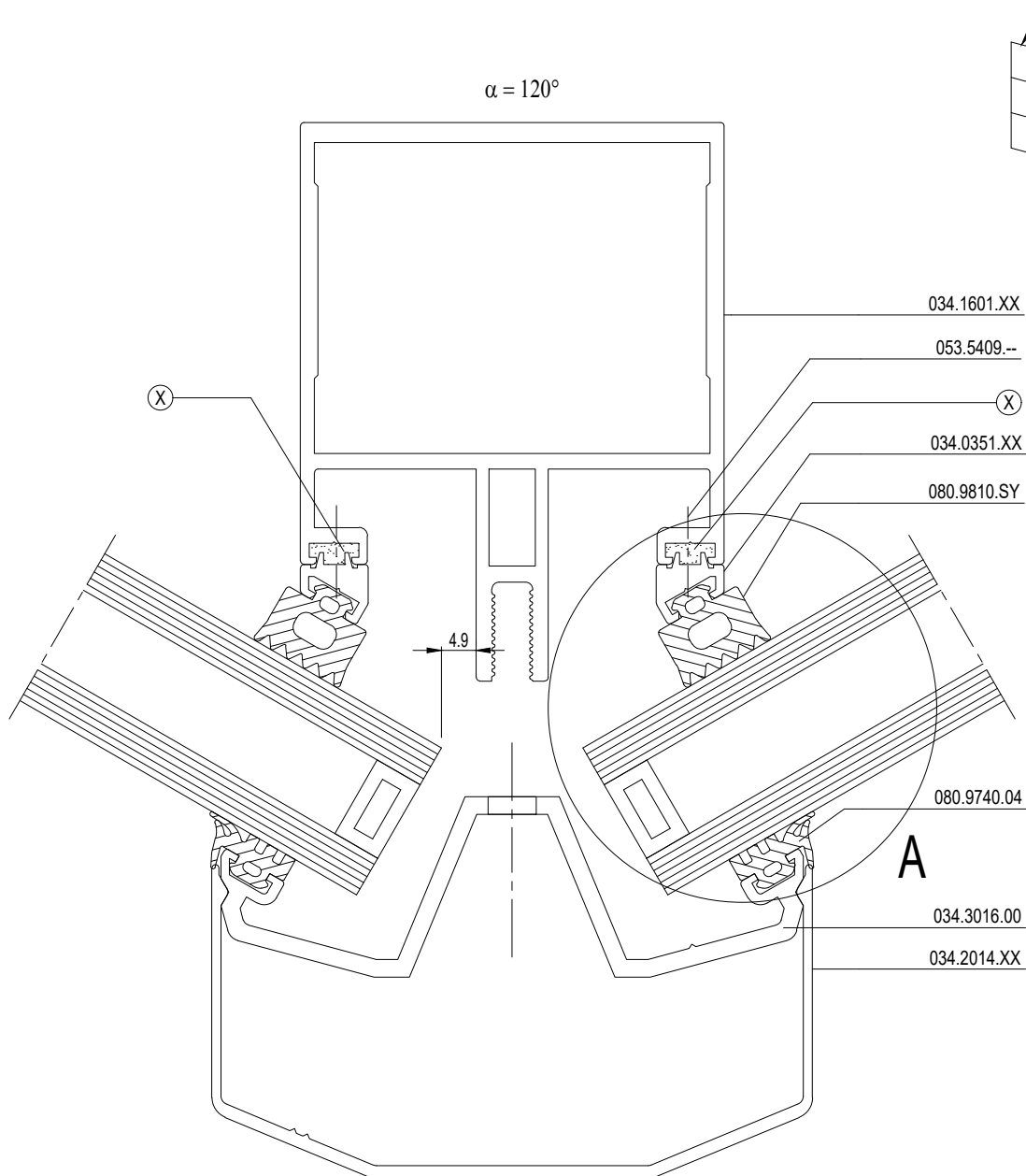


DETAIL A

75°-105°
 080.9514.SY

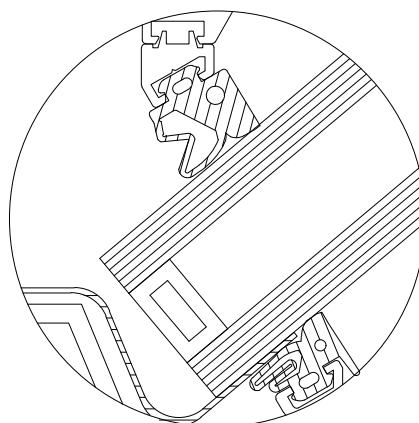


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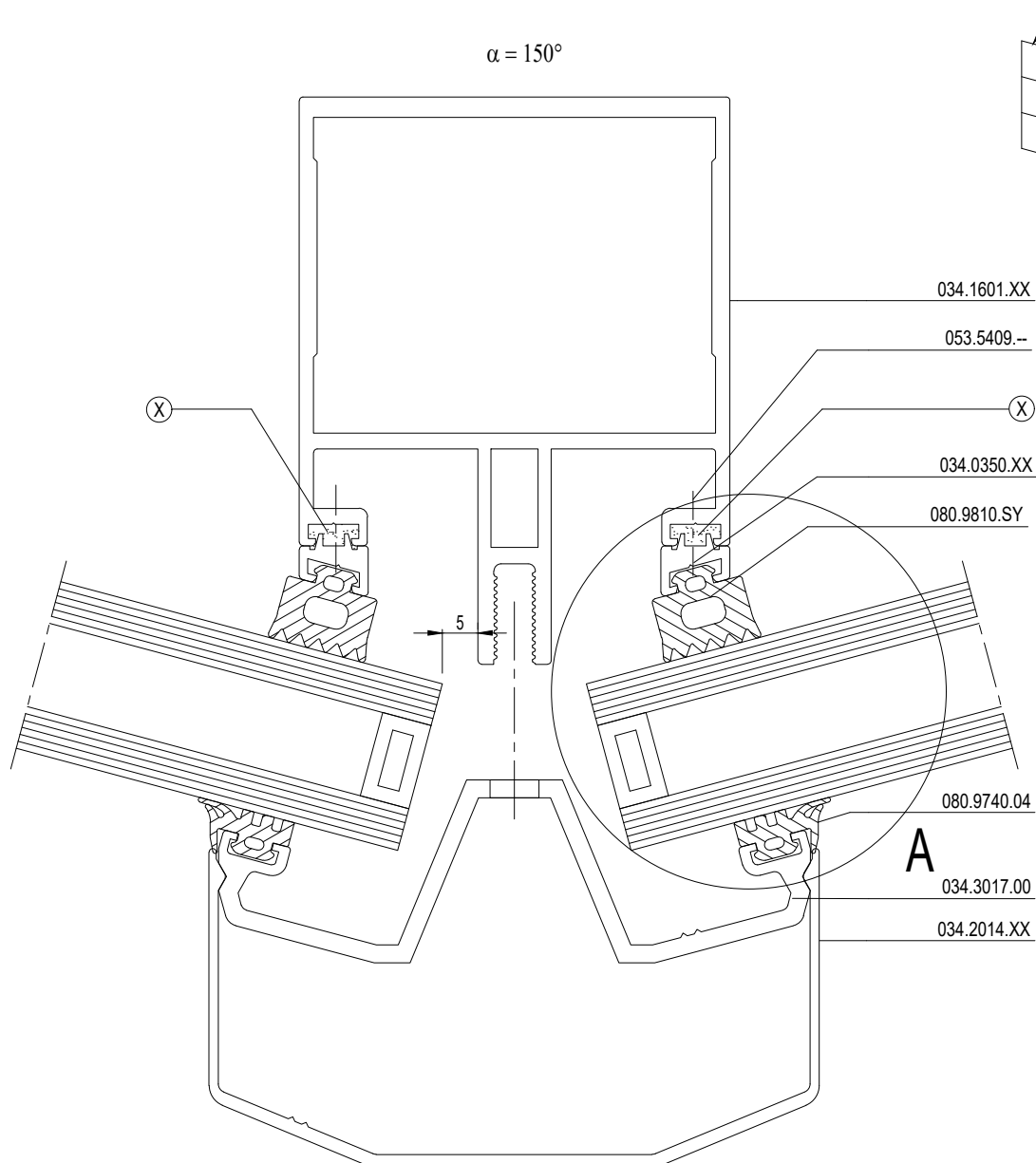


DETAIL A

105° - 135°
 080.9514.SY

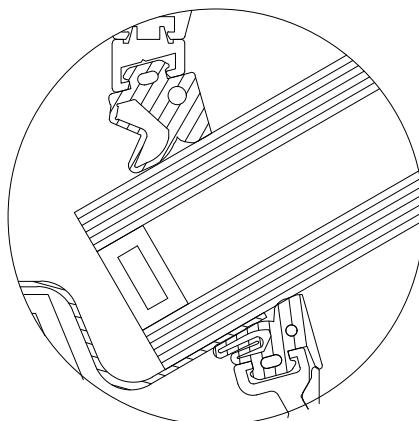


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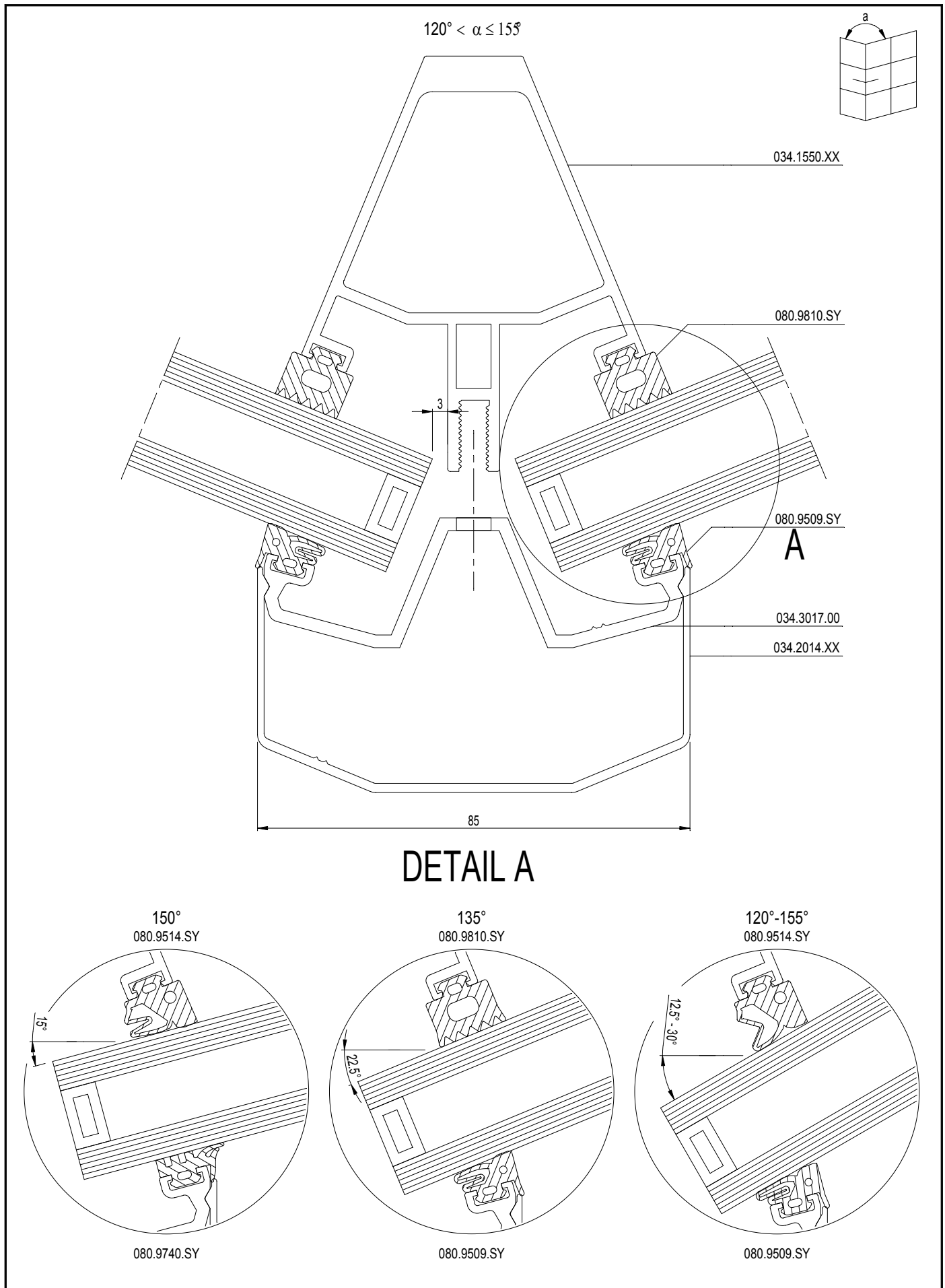


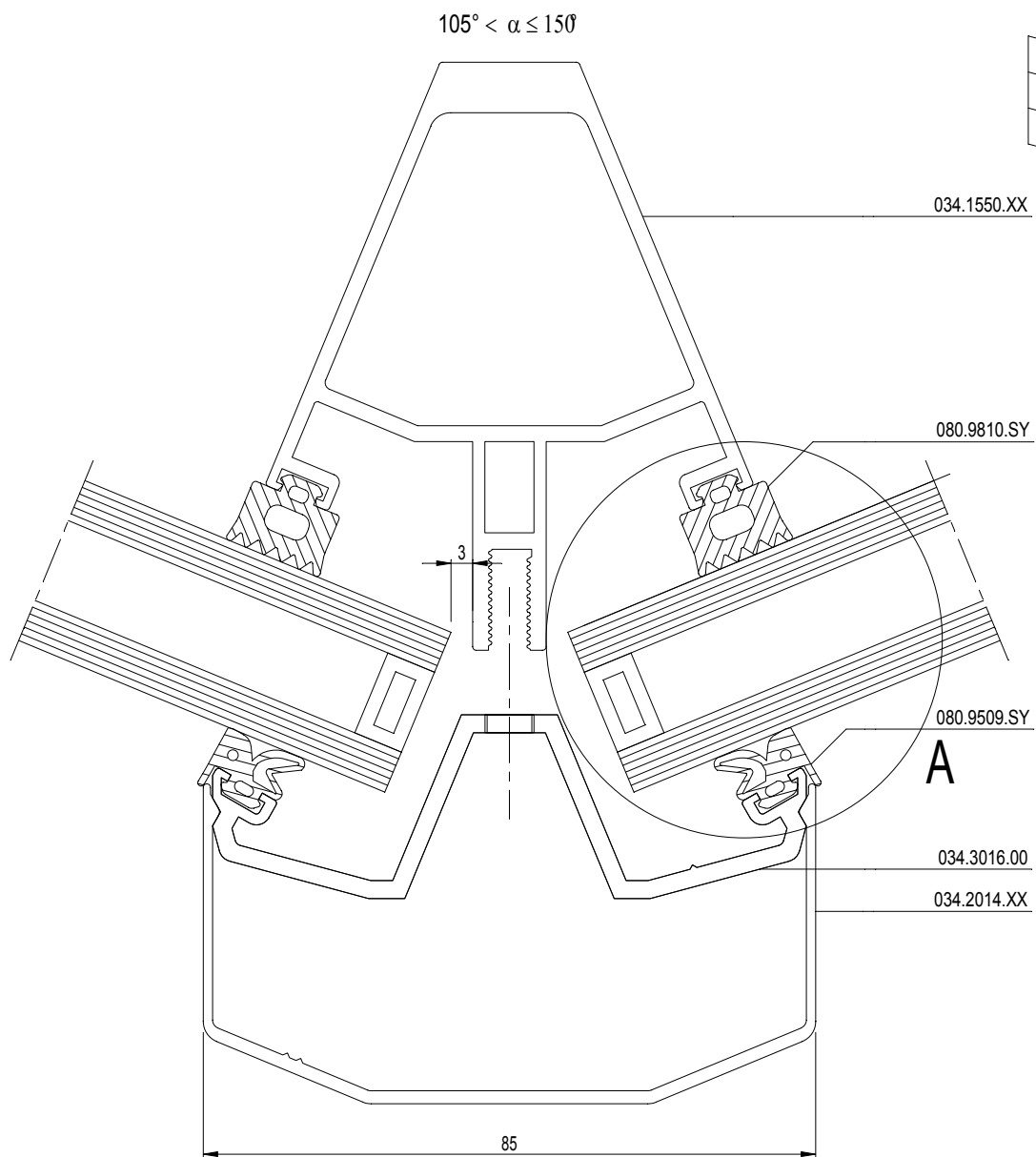
DETAIL A

135°-165°
 080.9514.SY

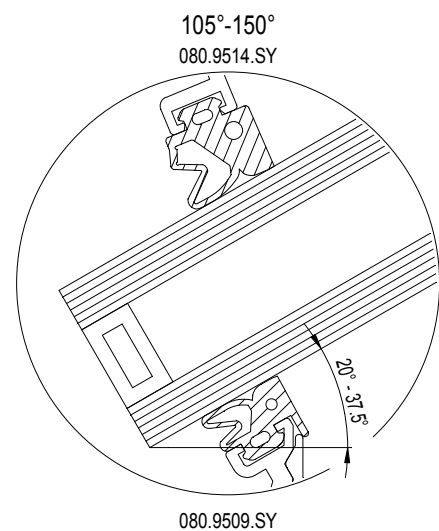
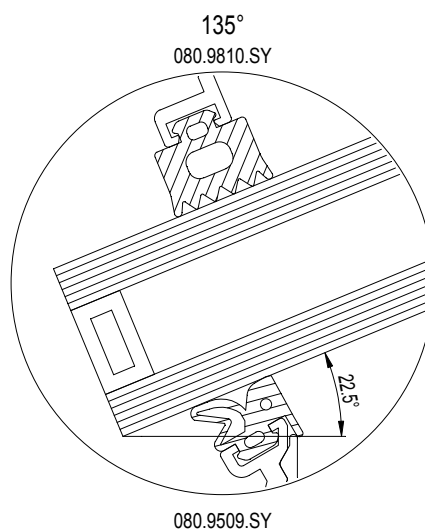
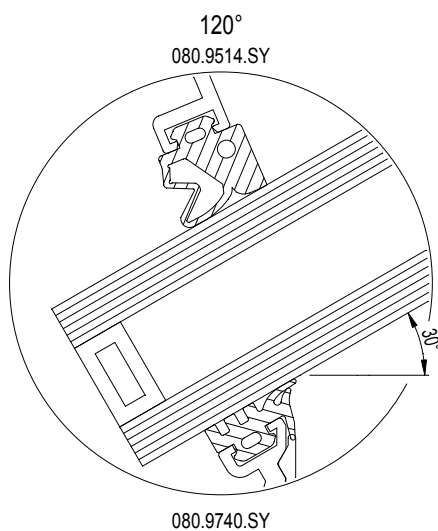


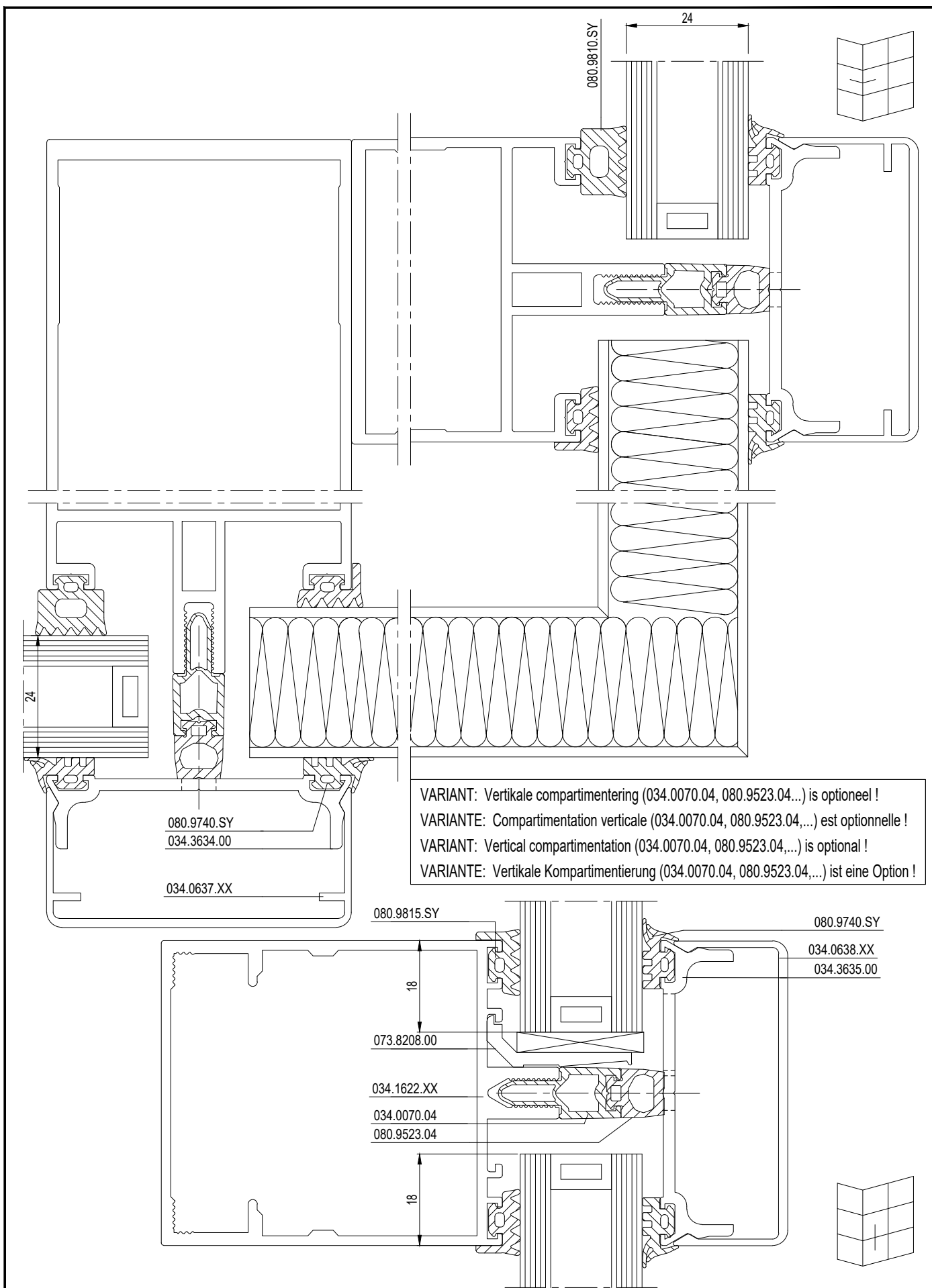
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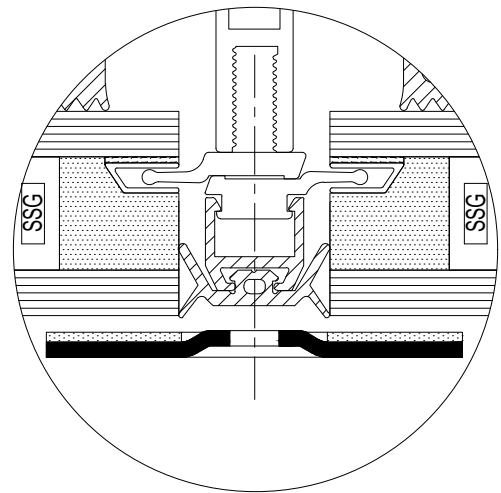
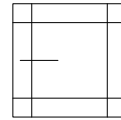
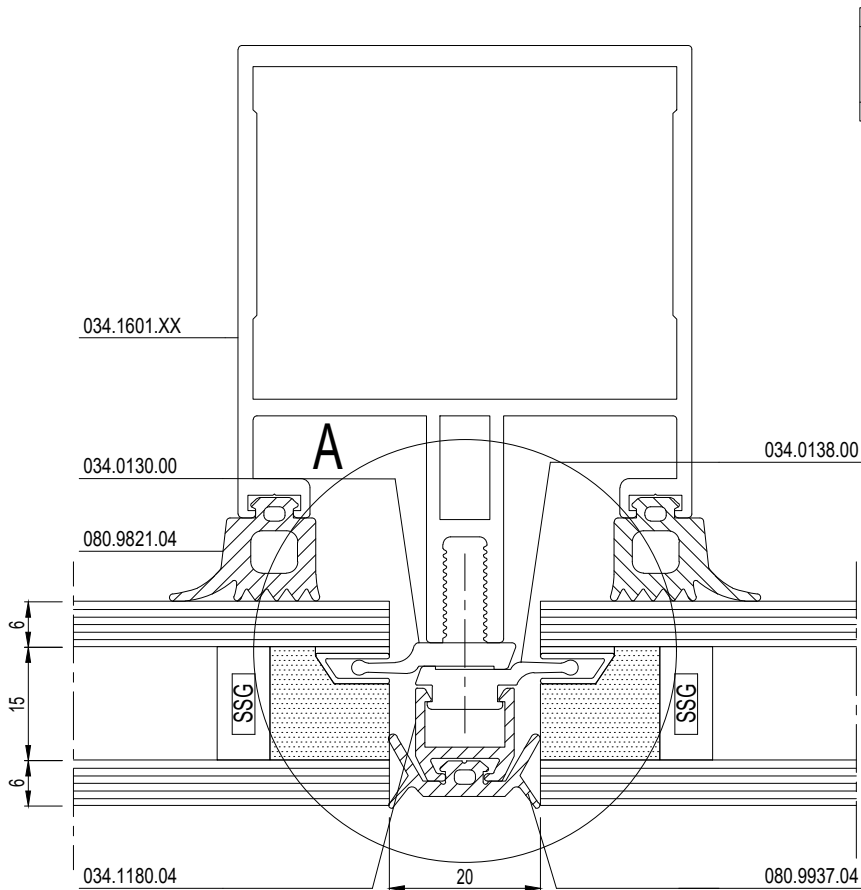




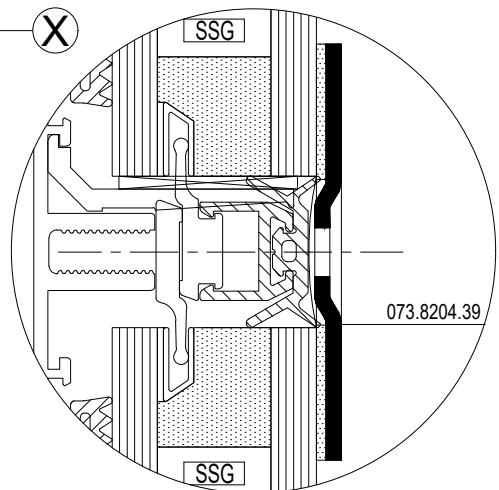
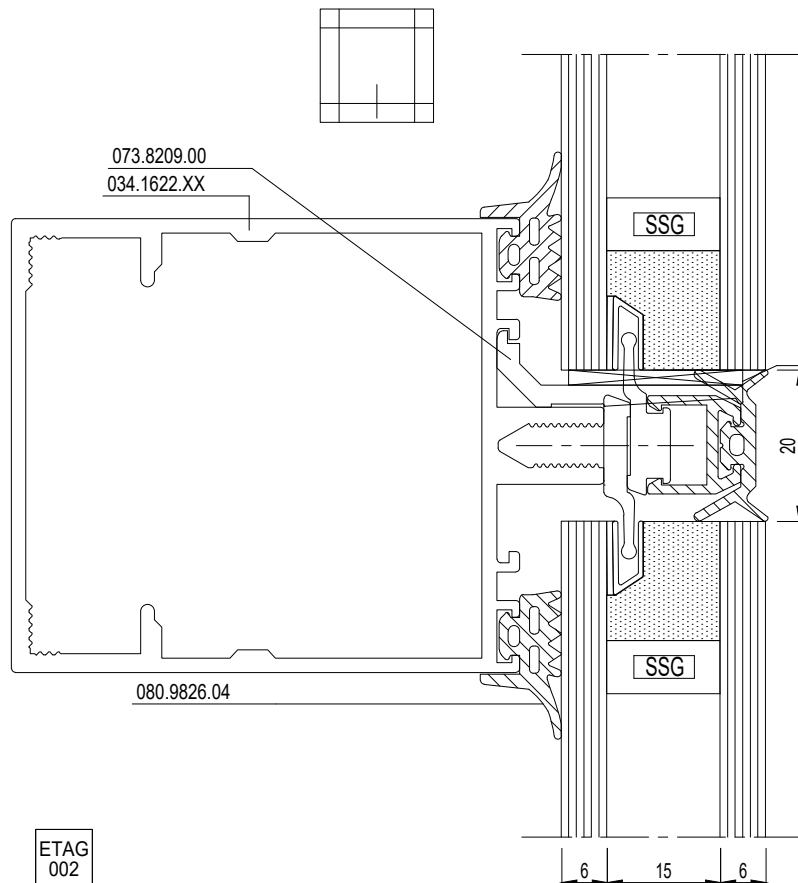
DETAIL A





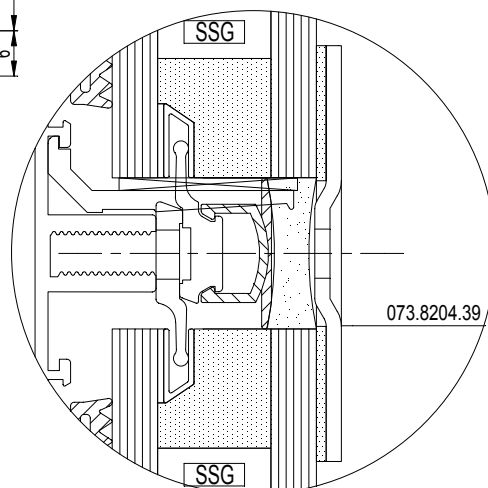
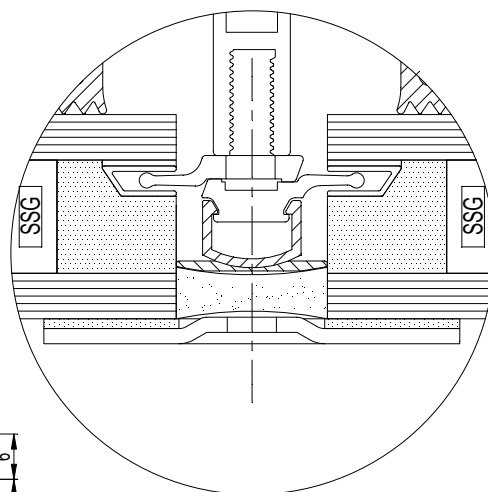
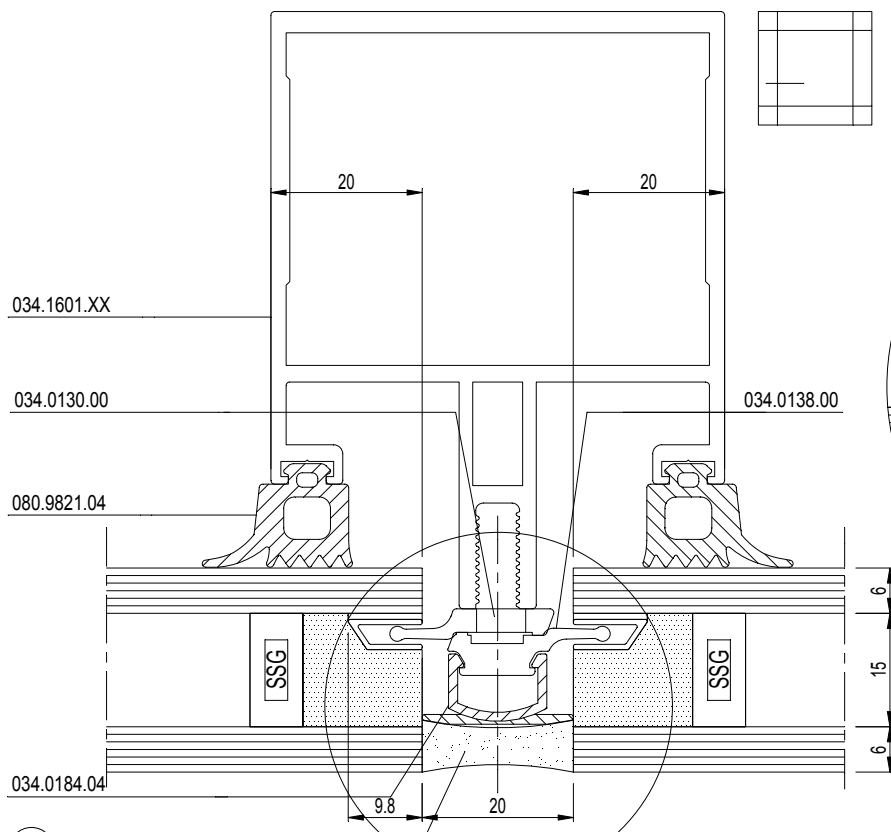


VARIANT
VARIANTE

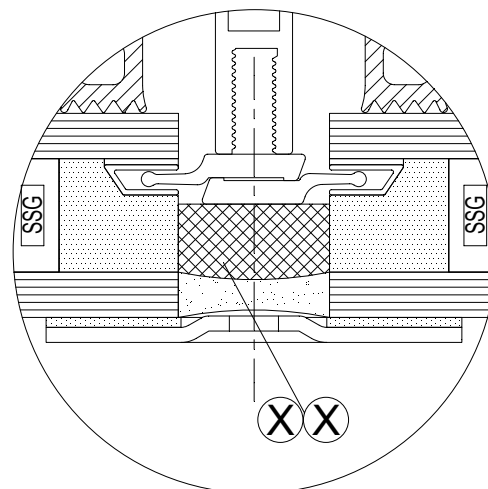
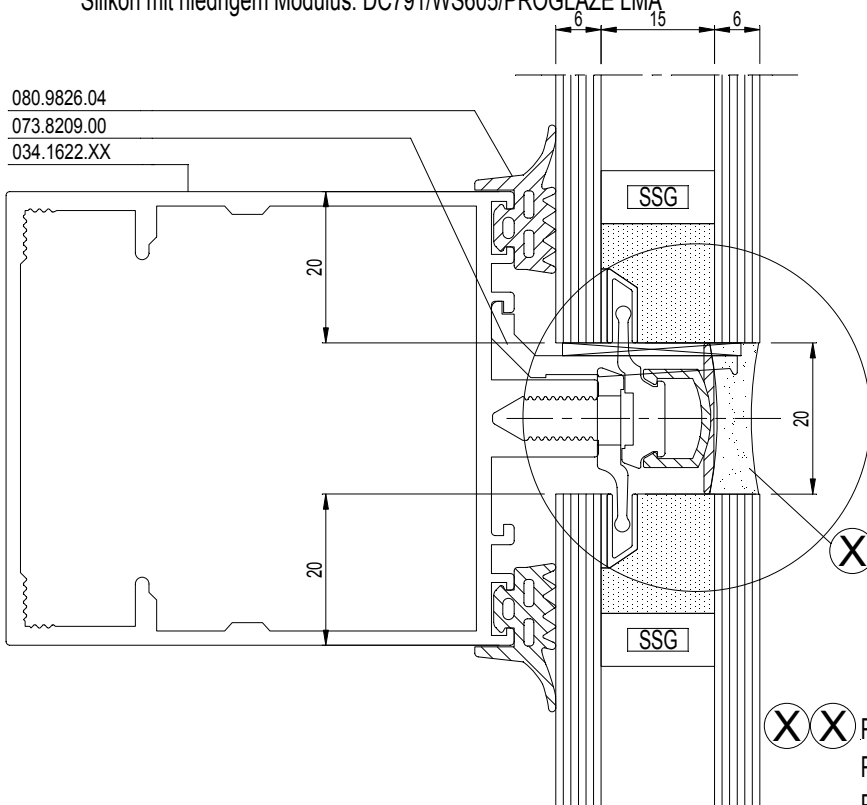


ETAG
002

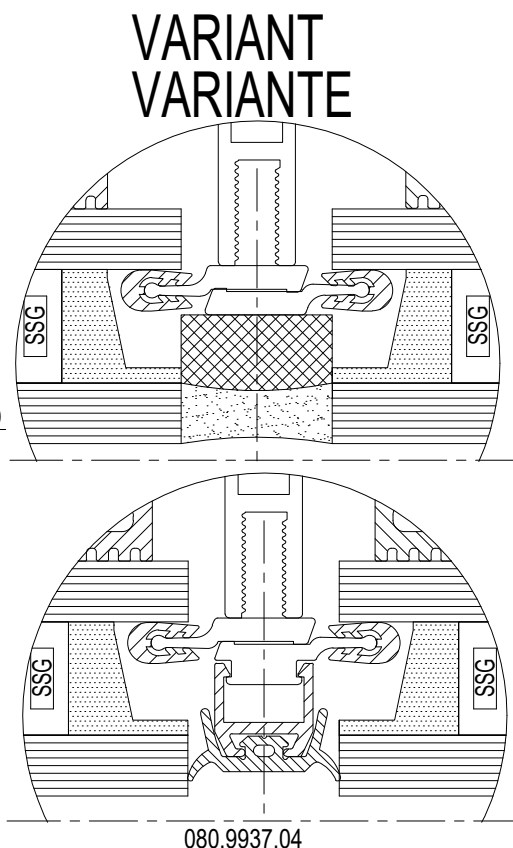
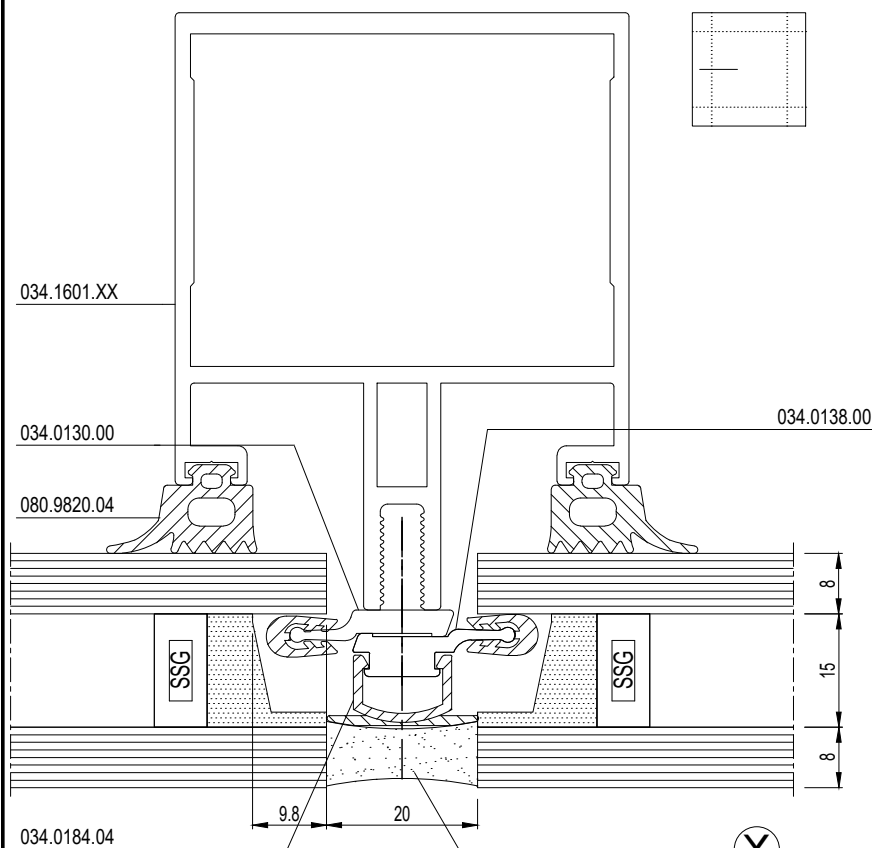
VARIANT VARIANTE



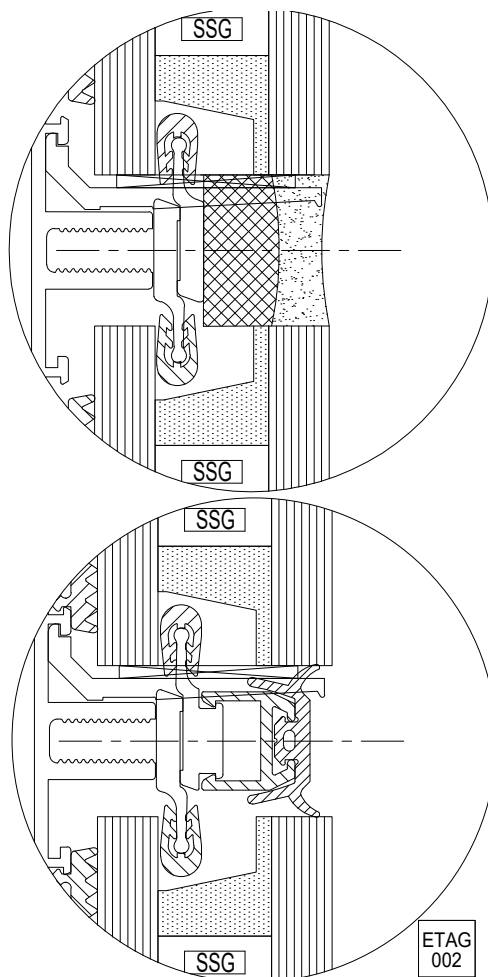
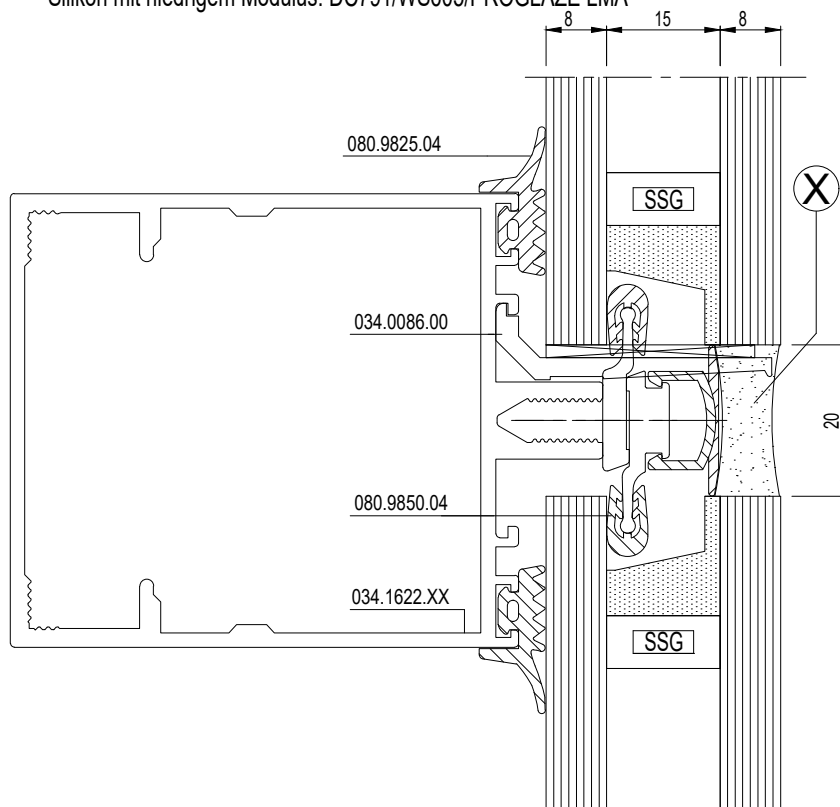
- ⊗
⊗ Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
Silicone avec module bas. DC791/WS605/PROGLAZE LMA
Silicone with low modulus. DC791/WS605/PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA



- ⊗ ⊗ Polyethyleenschuim met gesloten cellen
Polyéthylène-mousse à cellules
Polyethylene closed-cell foam
Polyethylen geschlossenzelligem Schaumstoff

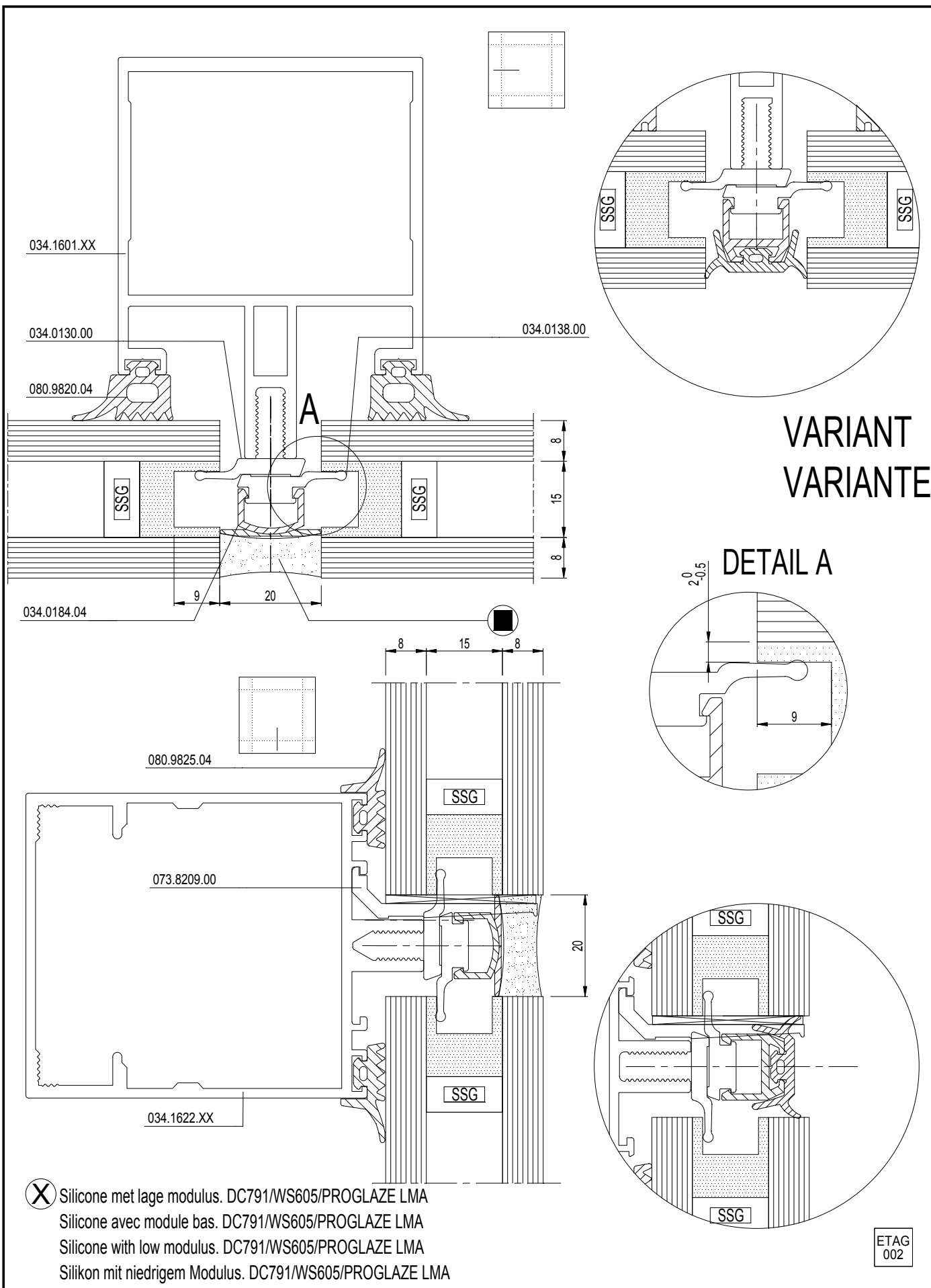


- X** Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
Silicone avec module bas. DC791/WS605/PROGLAZE LMA
Silicone with low modulus. DC791/WS605/PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA



ETAG
002

D0055699



VARIANT VARIANTE

034.1601.XX

034.0176.00

034.0175.00

034.0184.04

080.9821.04



080.9826.04

073.8209.00

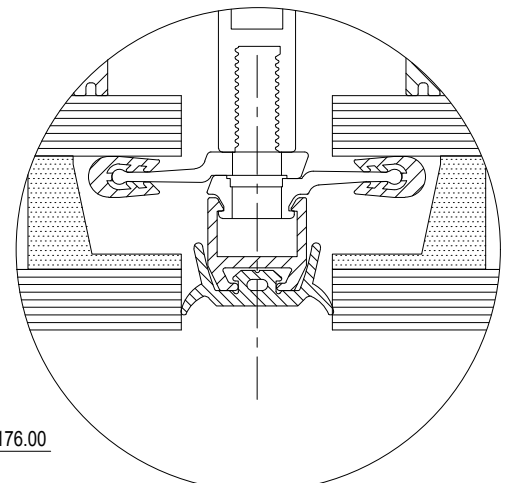
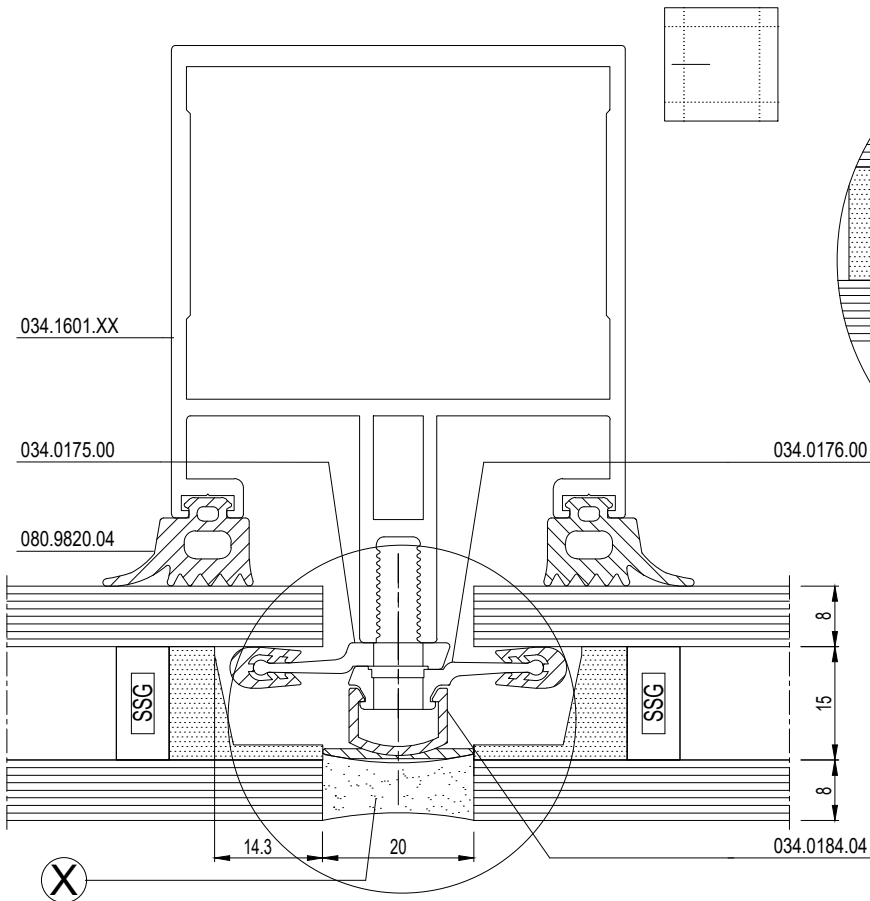
034.1622.XX



Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
Silicone avec module bas. DC791/WS605/PROGLAZE LMA
Silicone with low modulus. DC791/WS605/PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA

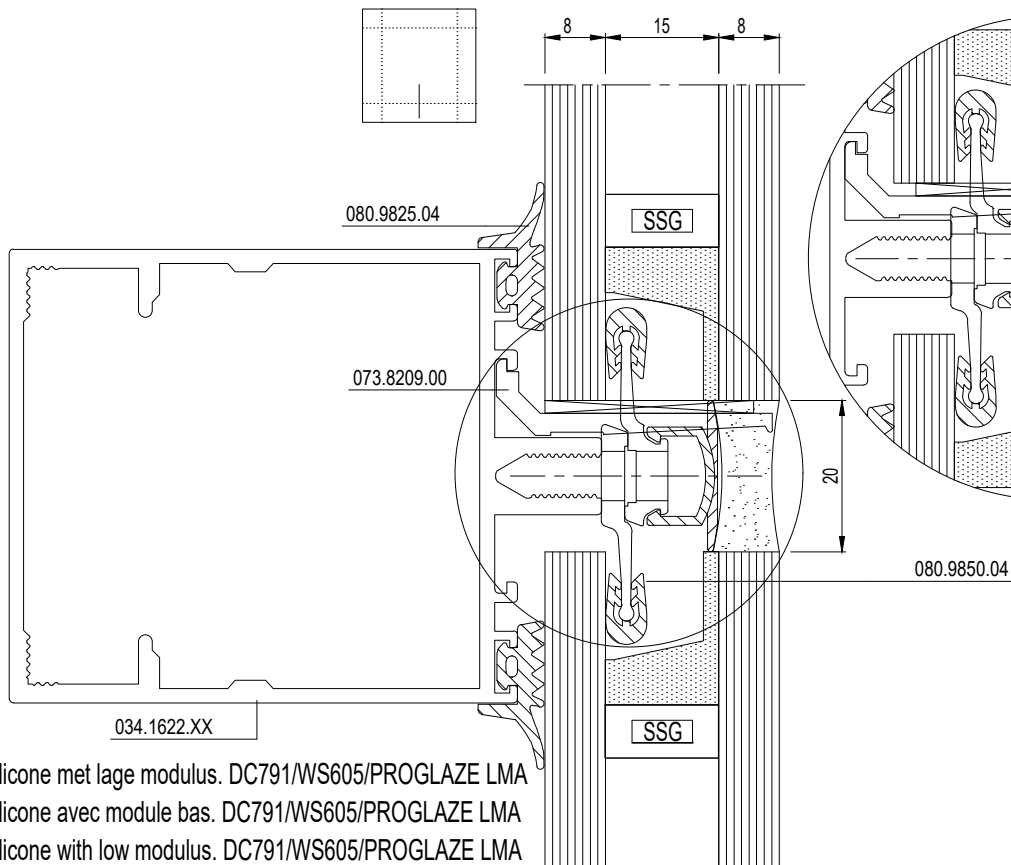
ETAG
002

D007148



080.9937.04

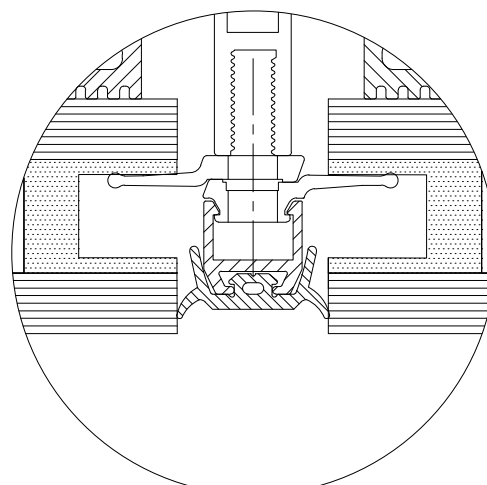
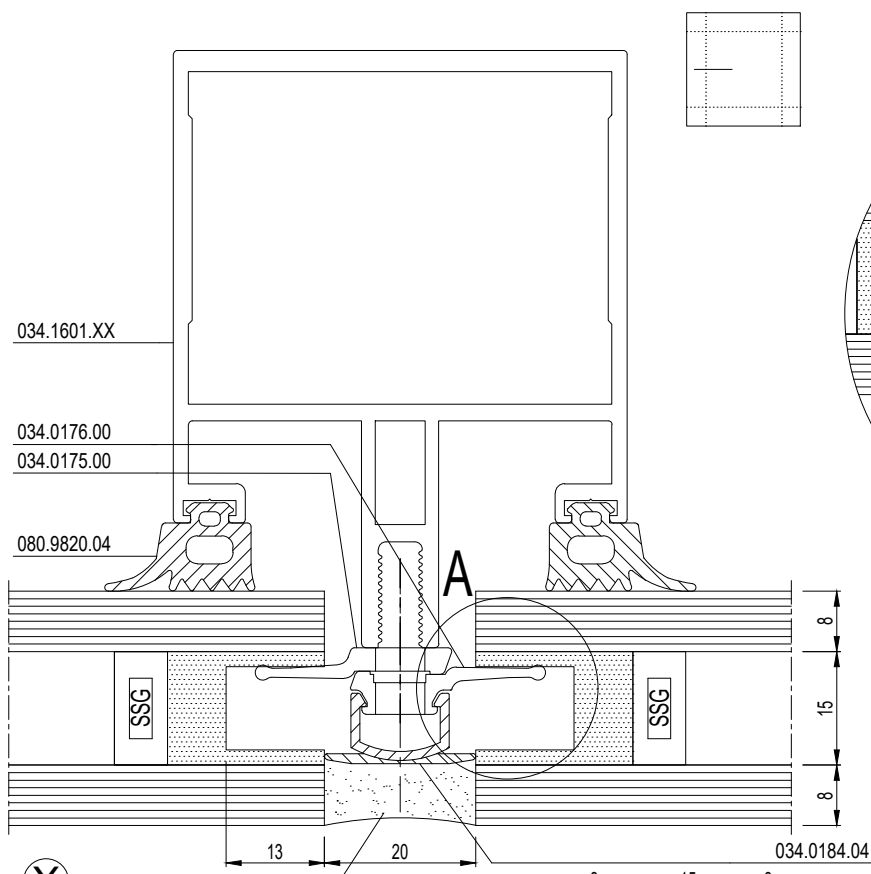
**VARIANT
VARIANTE**



- X** Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
Silicone avec module bas. DC791/WS605/PROGLAZE LMA
Silicone with low modulus. DC791/WS605/PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA

ETAG
002

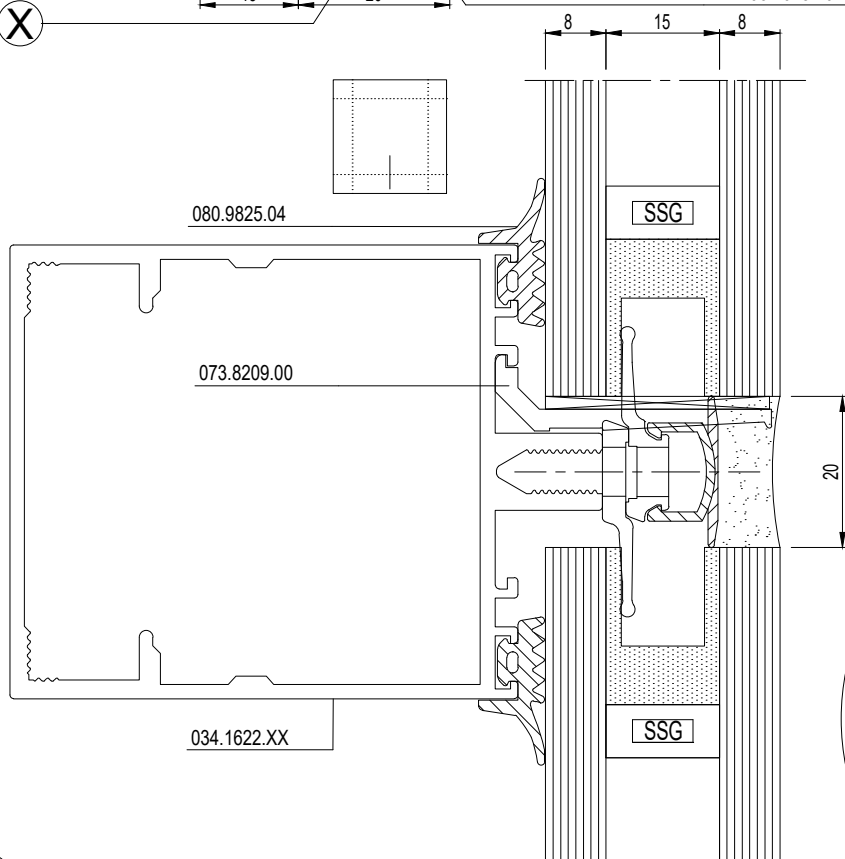
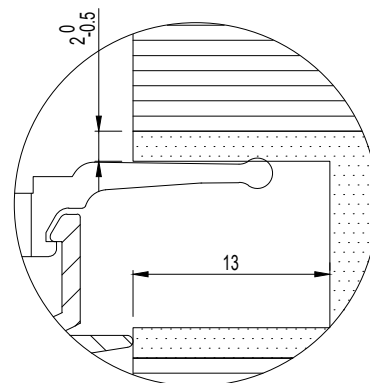
D0077149



080.9937.04

VARIANT
VARIANTE

DETAIL A



- X Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
Silicone avec module bas. DC791/WS605/PROGLAZE LMA
Silicone with low modulus. DC791/WS605/PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA

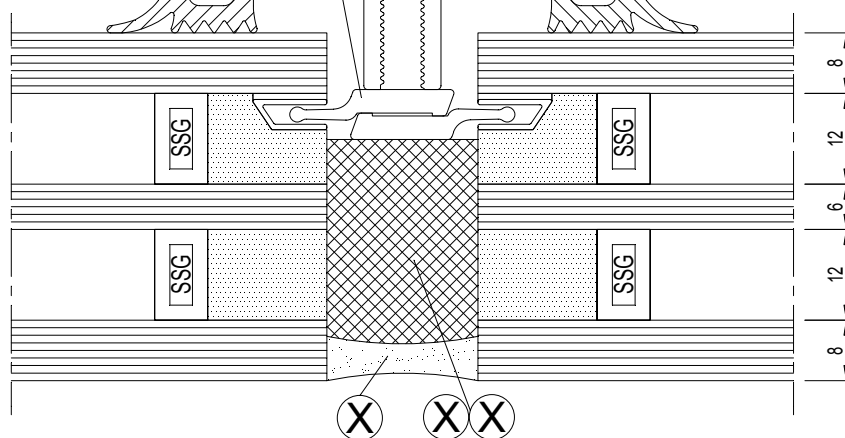
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D0077150

034.1601.XX

034.0130.00

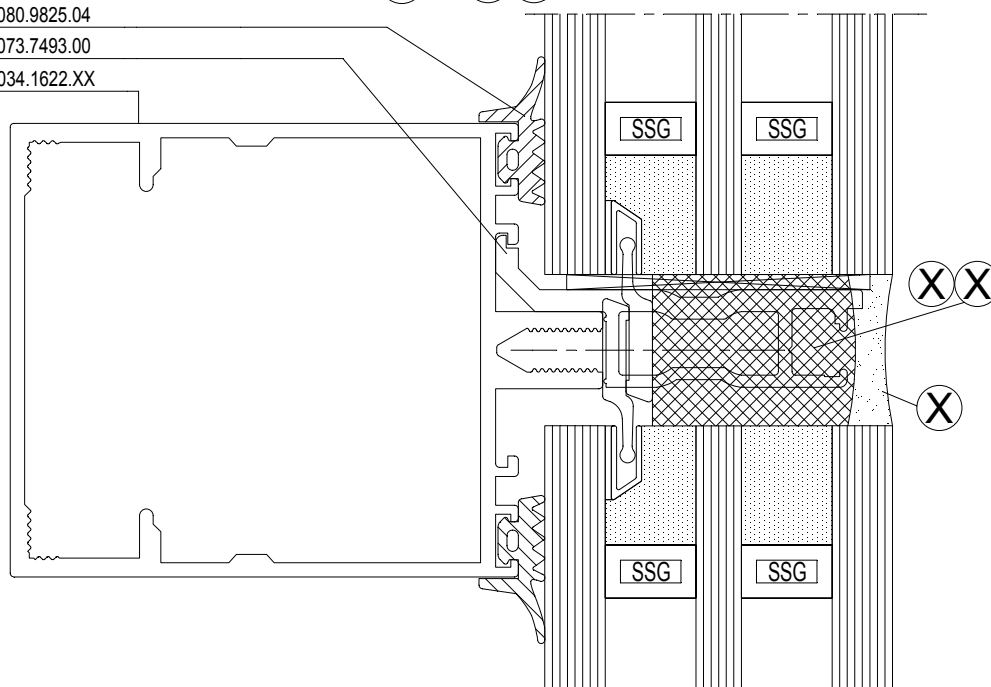
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080.9825.04

073.7493.00

034.1622.XX

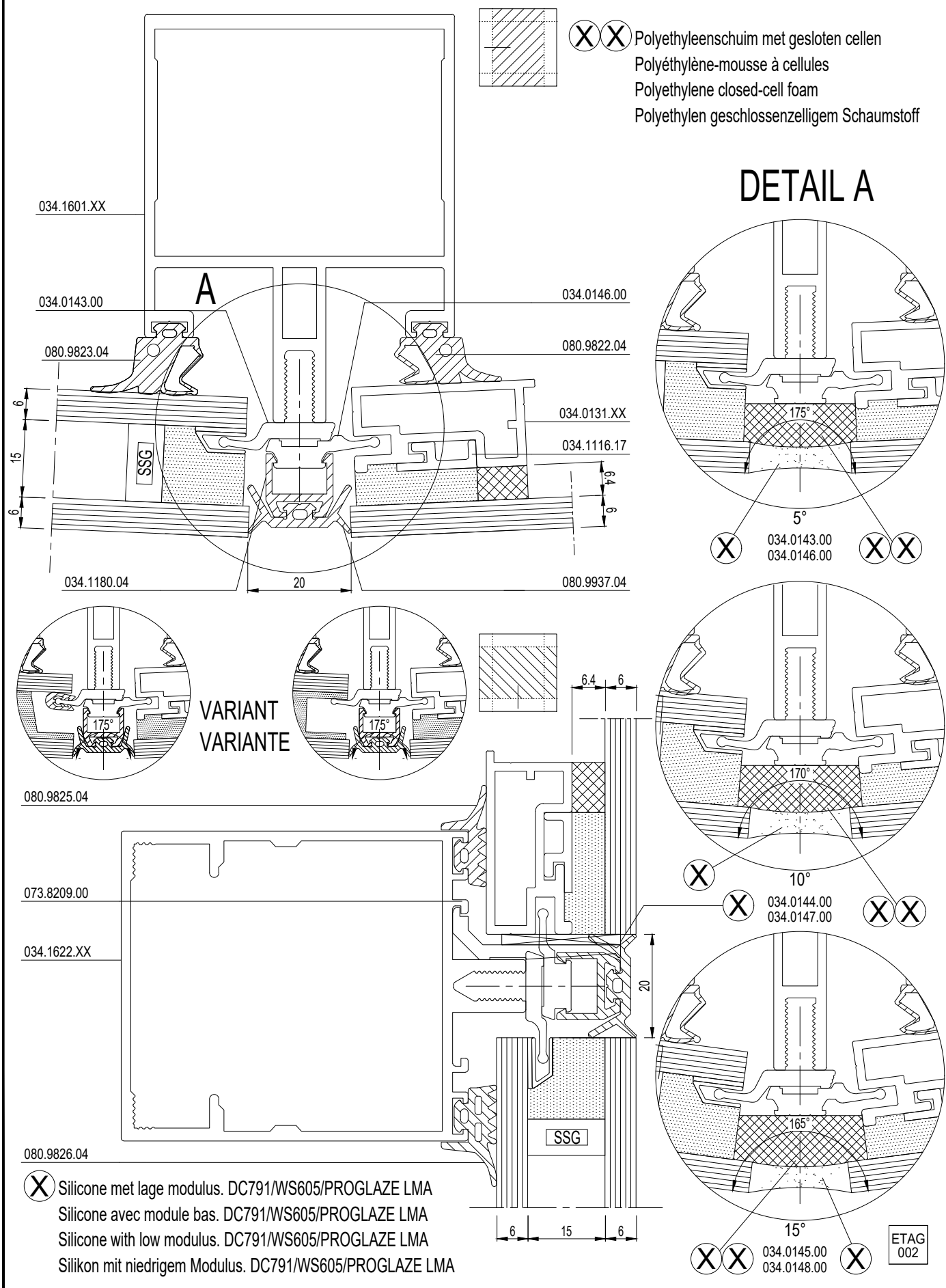


⊗ Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
 Silicone avec module bas. DC791/WS605/PROGLAZE LMA
 Silicone with low modulus. DC791/WS605/PROGLAZE LMA
 Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA

⊗⊗ Polyethyleenschuim met gesloten cellen
 Polyéthylène-mousse à cellules
 Polyethylene closed-cell foam
 Polyethylen geschlossenzelligem Schaumstoff

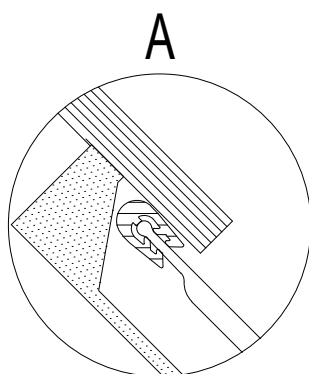
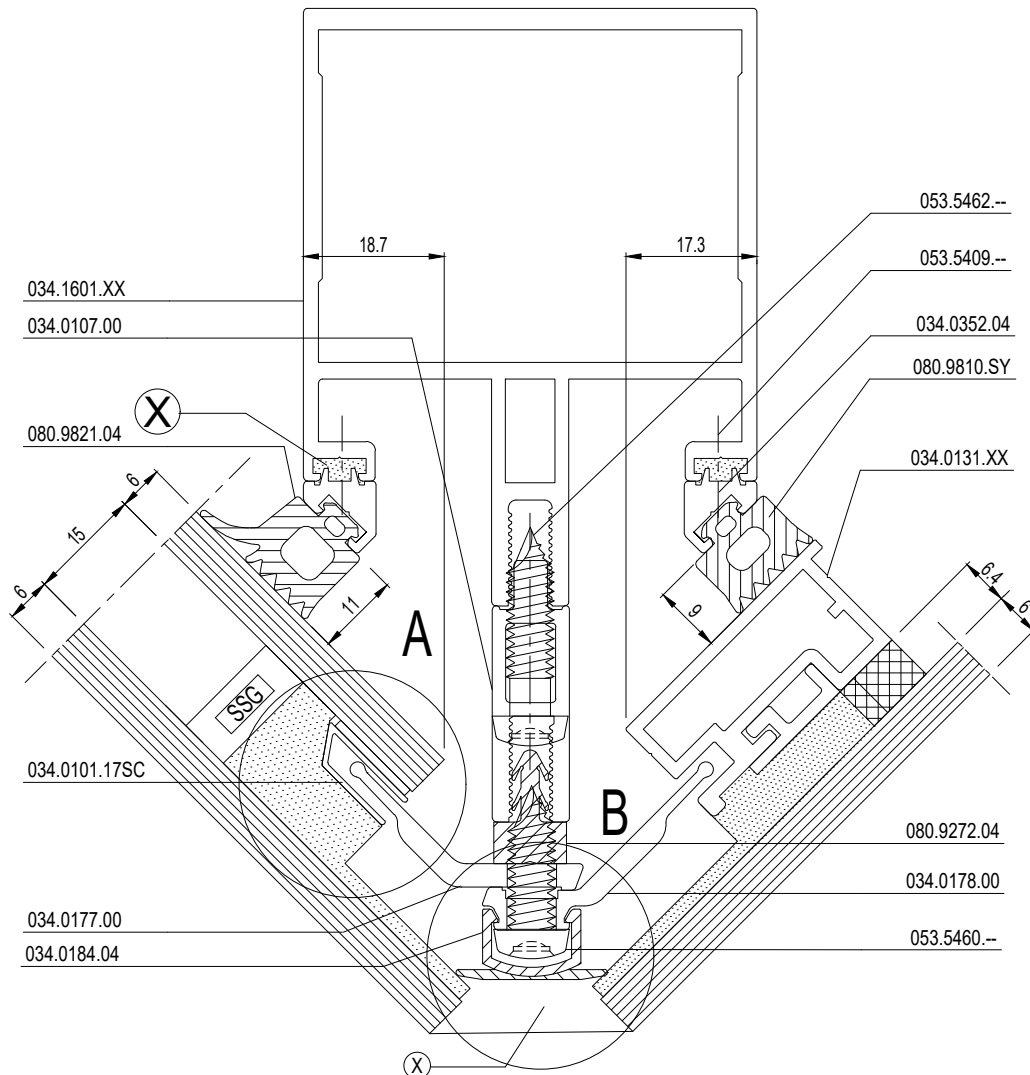
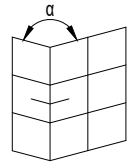
ETAG
 002

D0083076

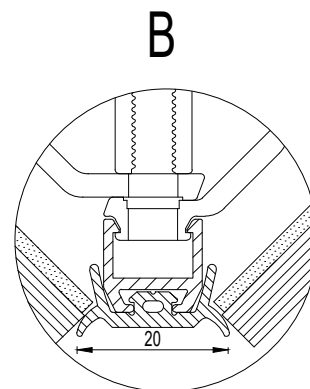
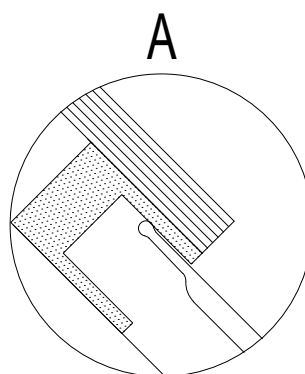


GLAS TE CONTROLEREN DOOR GLASFABRIKANT.
 VITRAGE À CONTRÔLER PAR LE FABRICANT DE VERRE.
 GLASS SHOULD BE CHECKED BY THE GLASS FABRICATOR.
 GLAS IST VOM GLASFABRIKANTEN ZU UEBERPRUEFEN.

$\alpha = 90^\circ$



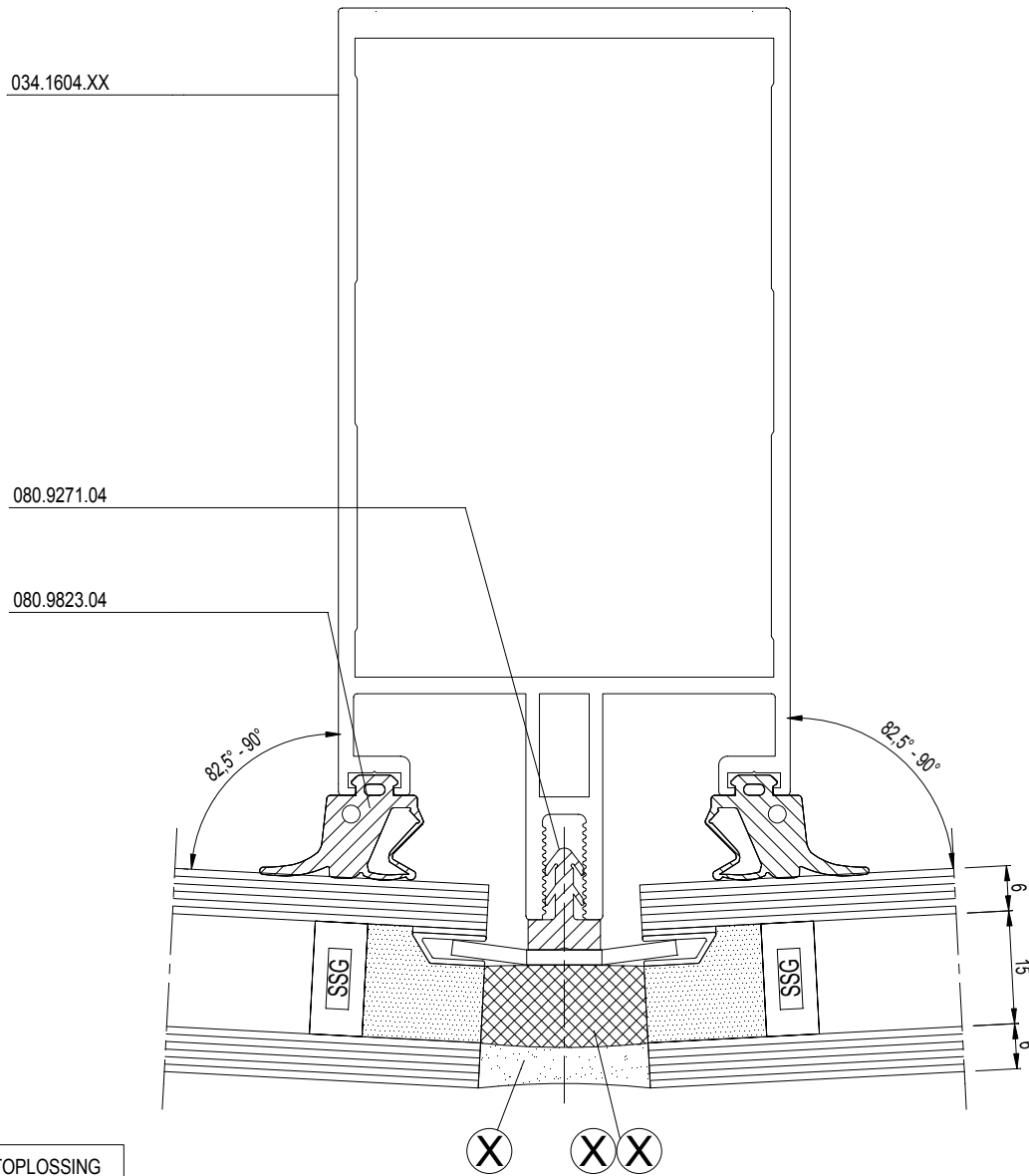
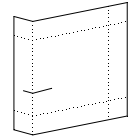
080.9850.04



034.1180.04
 080.9937.04

**VARIANT
 VARIANTE**

X Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
 Silicone avec module bas. DC791/WS605/PROGLAZE LMA
 Silicone with low modulus. DC791/WS605/PROGLAZE LMA
 Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA



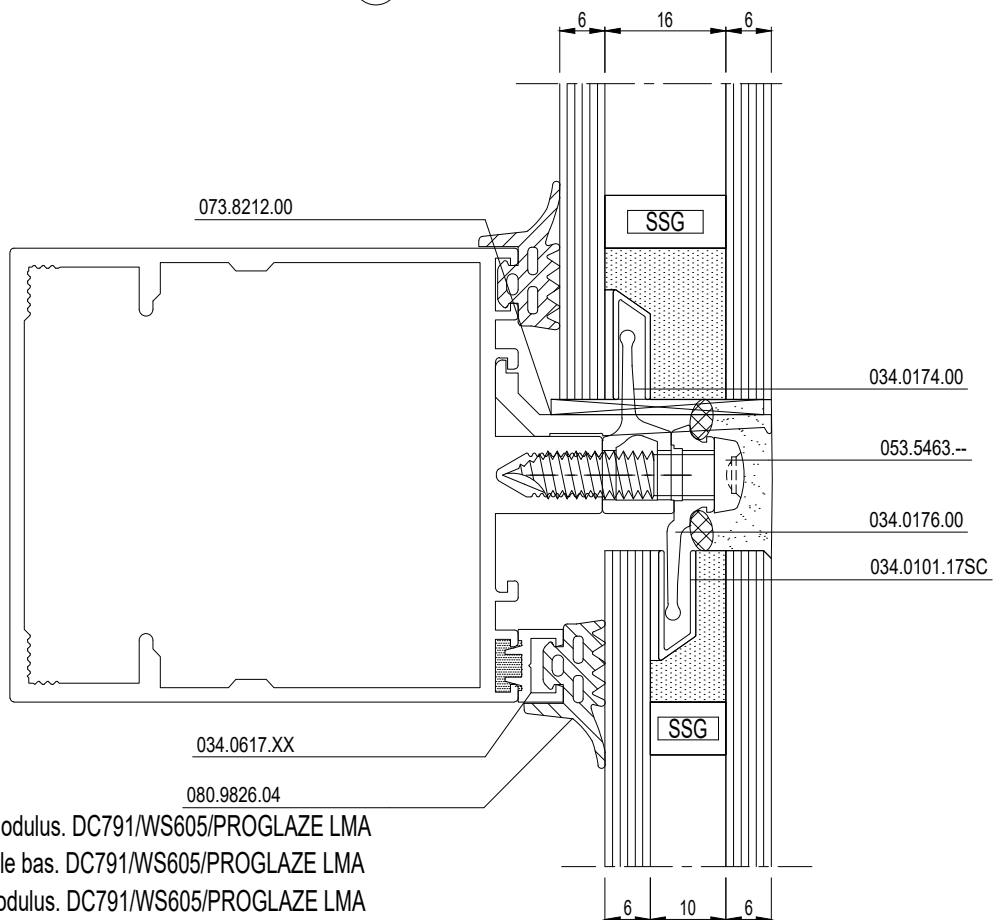
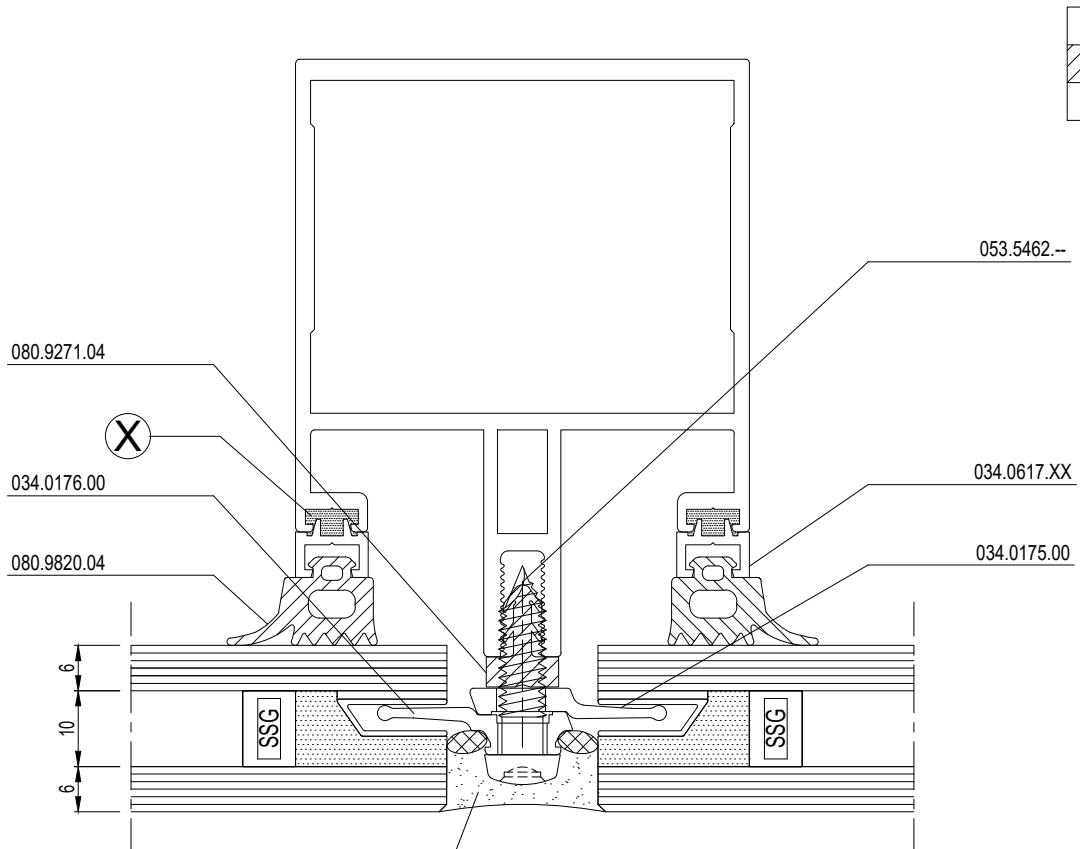
PROJECTOPLOSSING
 PROJECT SOLOUTION
 PROJECT SOLOUTION
 PROJEKTLÖSUNG

⊗ Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
 Silicone avec module bas. DC791/WS605/PROGLAZE LMA
 Silicone with low modulus. DC791/WS605/PROGLAZE LMA
 Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA

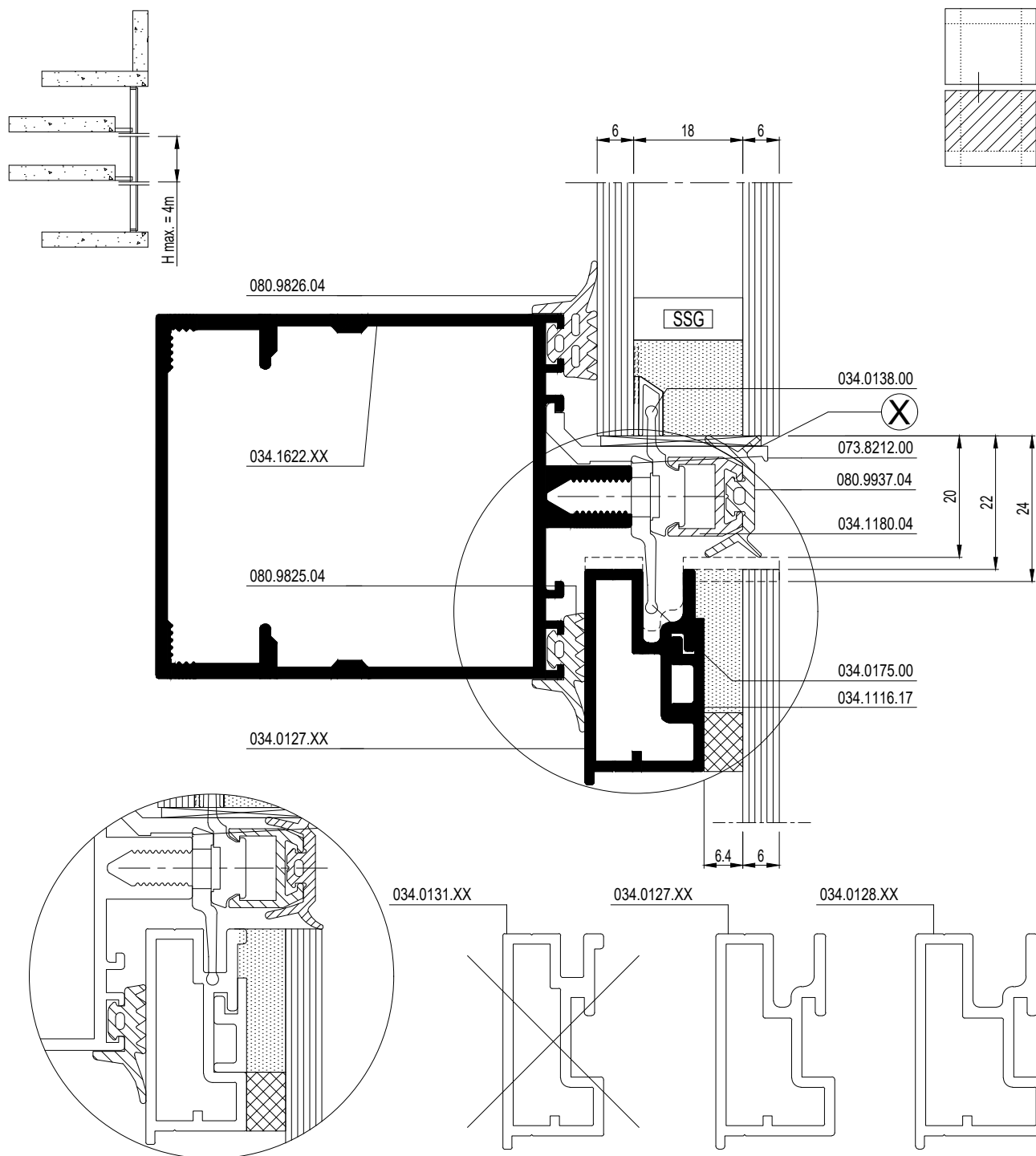
⊗ Polyethyleenschuim met gesloten cellen
 Polyéthylène-mousse à cellules
 Polyethylene closed-cell foam
 Polyethylen geschlossenzelligem Schaumstoff

ETAG
 002

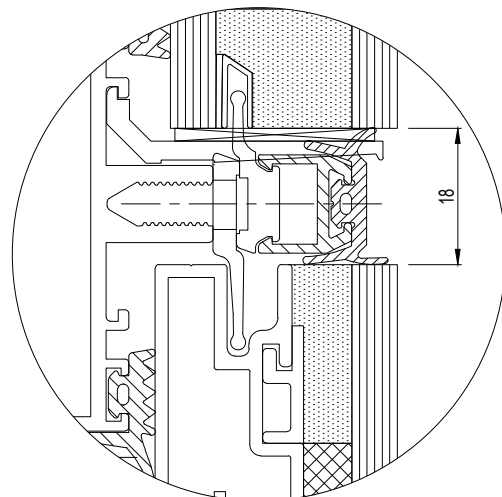
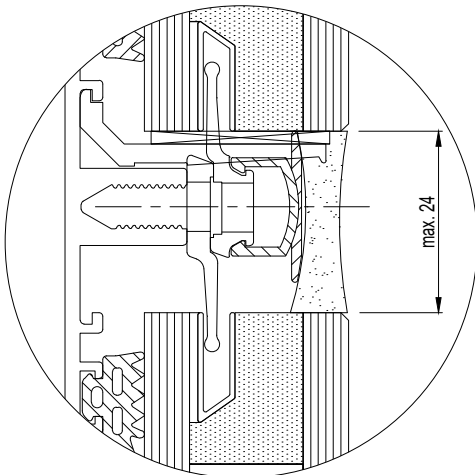
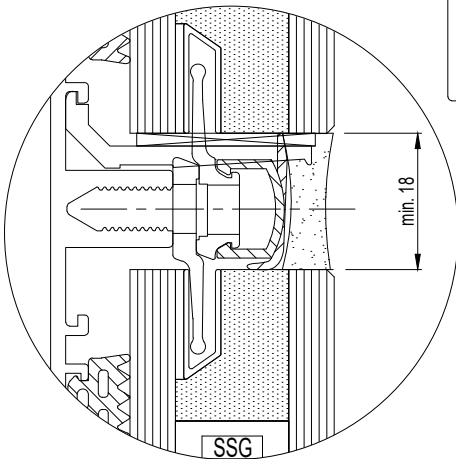
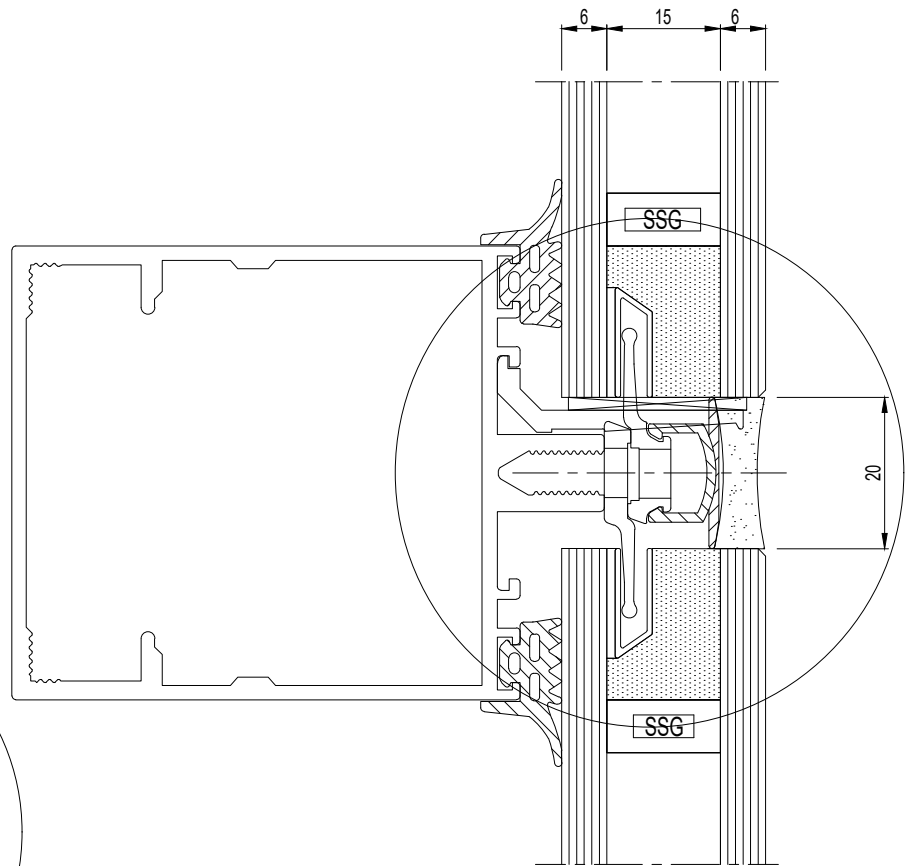
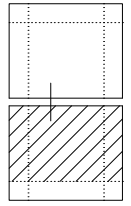
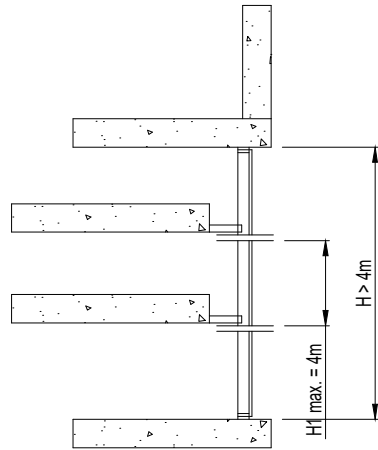
D007152



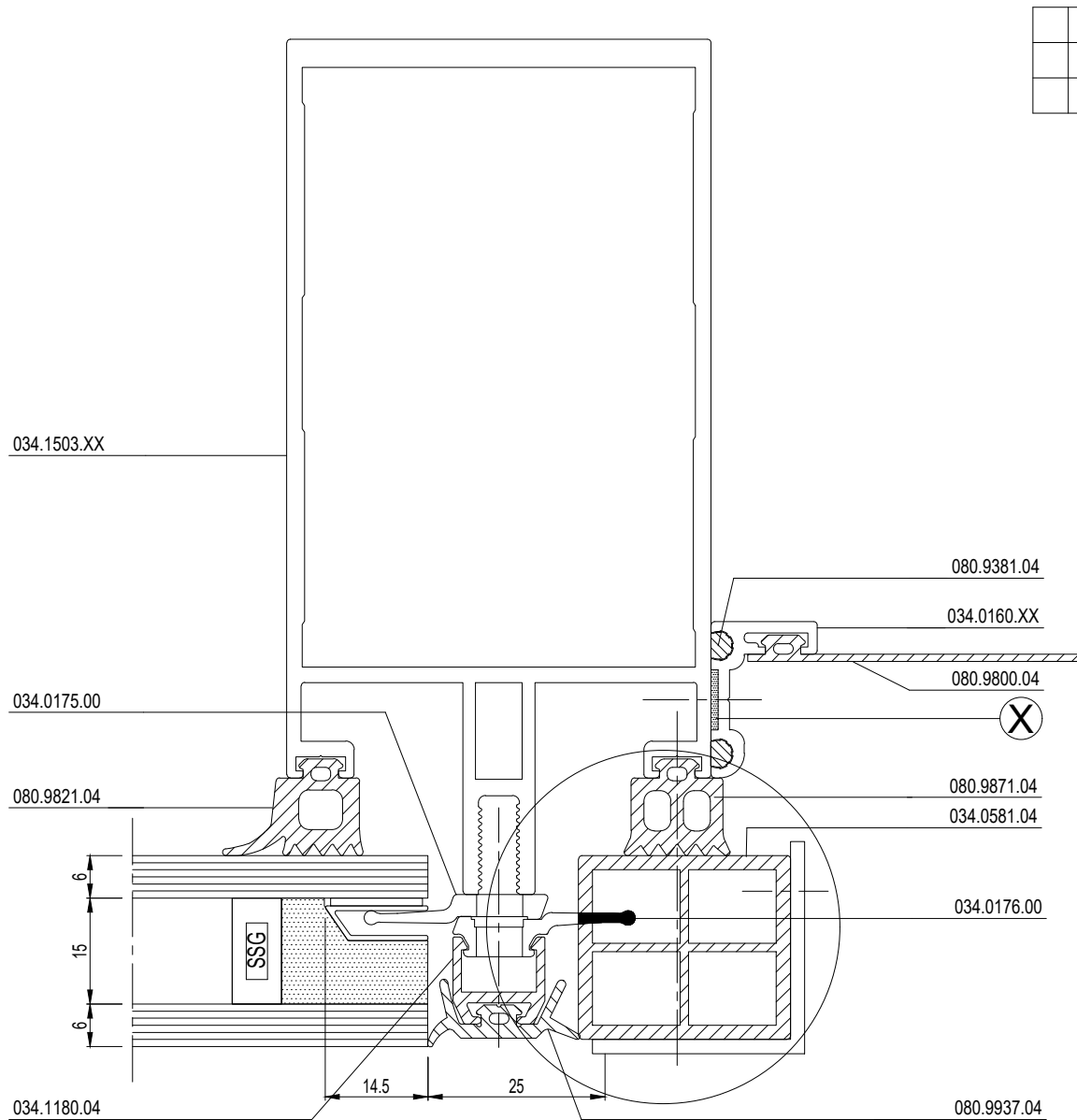
- X** Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
 Silicone avec module bas. DC791/WS605/PROGLAZE LMA
 Silicone with low modulus. DC791/WS605/PROGLAZE LMA
 Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA

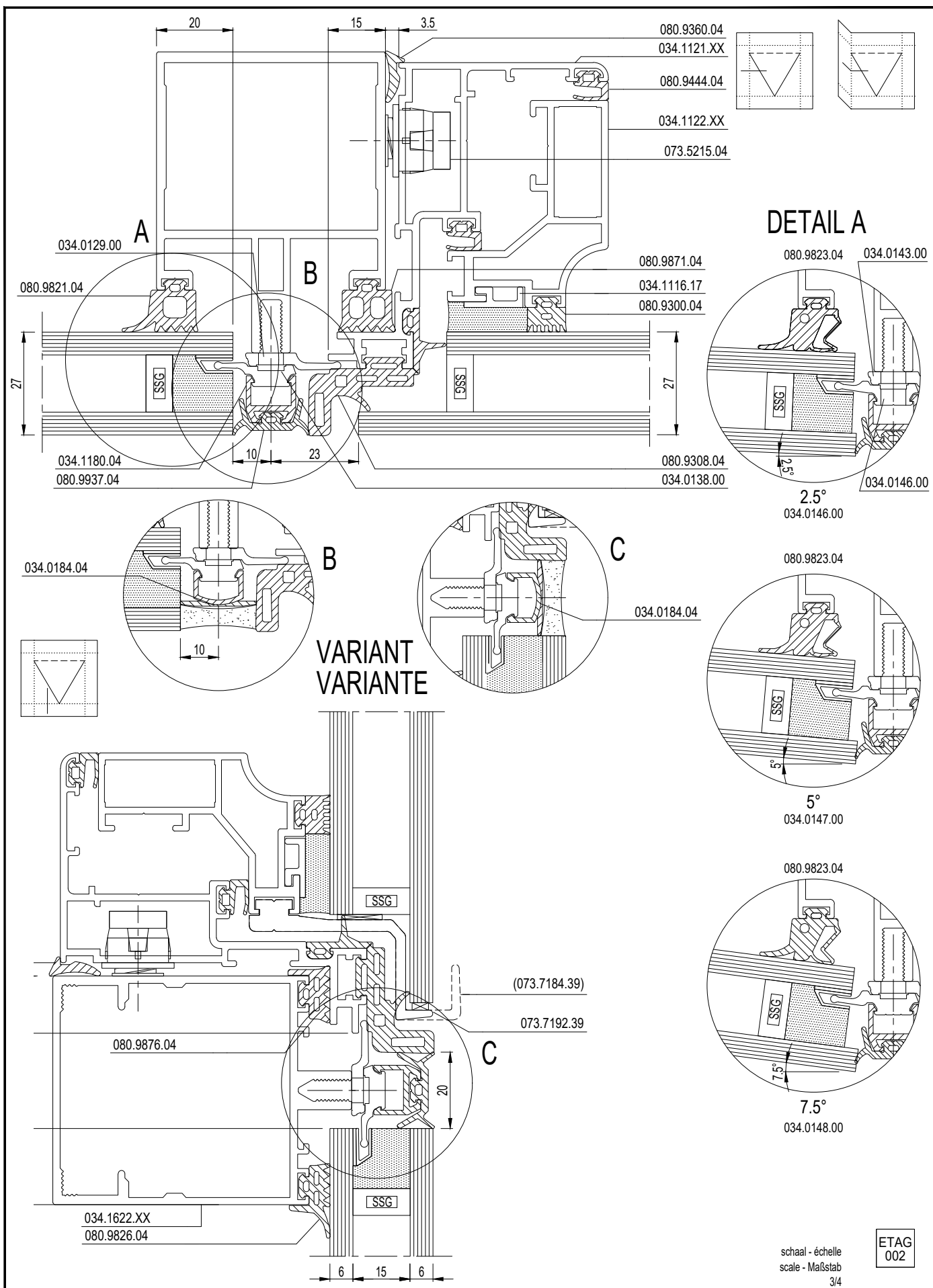


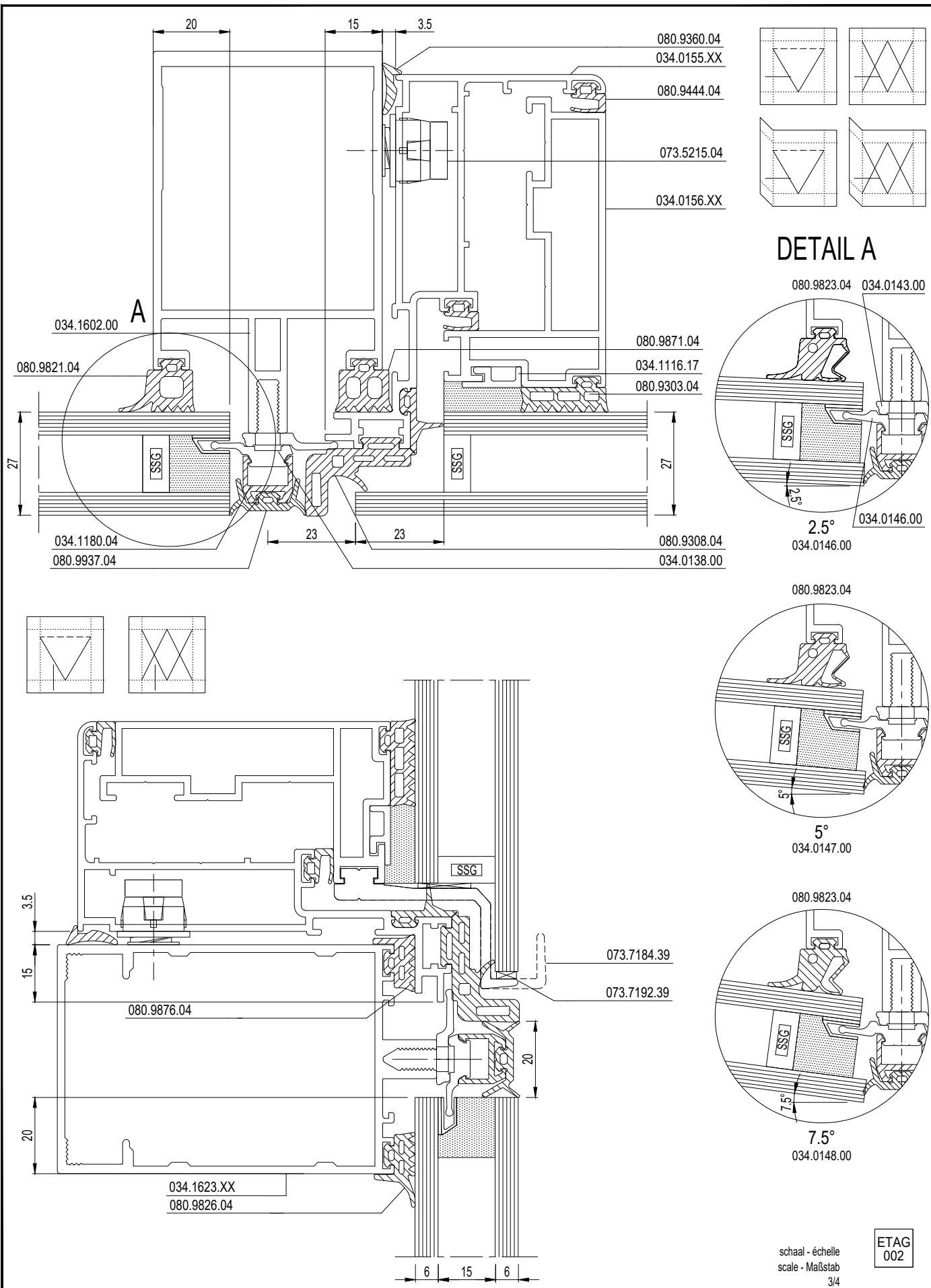
- ⊗ Silicone met lage modulus. DC791 / WS605 / PROGLAZE LMA
Silicone avec module bas. DC791 / WS605 / PROGLAZE LMA
Silicone with low modulus. DC791 / WS605 / PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791 / WS605 / PROGLAZE LMA

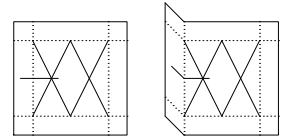


VARIANT
 VARIANTE



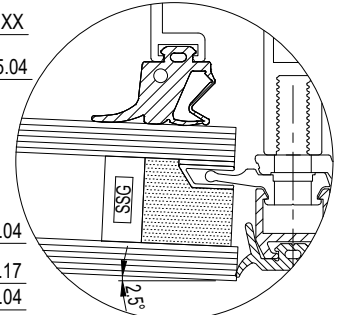






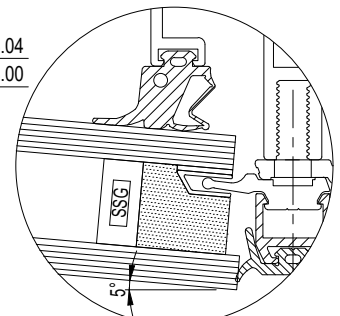
DETAIL A

080.9823.04



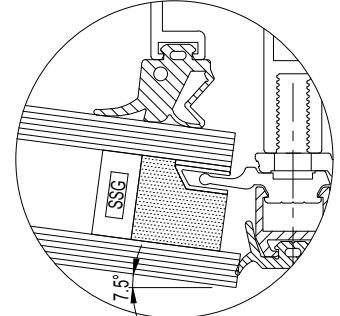
2.5°
 034.0146.00

080.9823.04



5°
 034.0147.00

080.9823.04

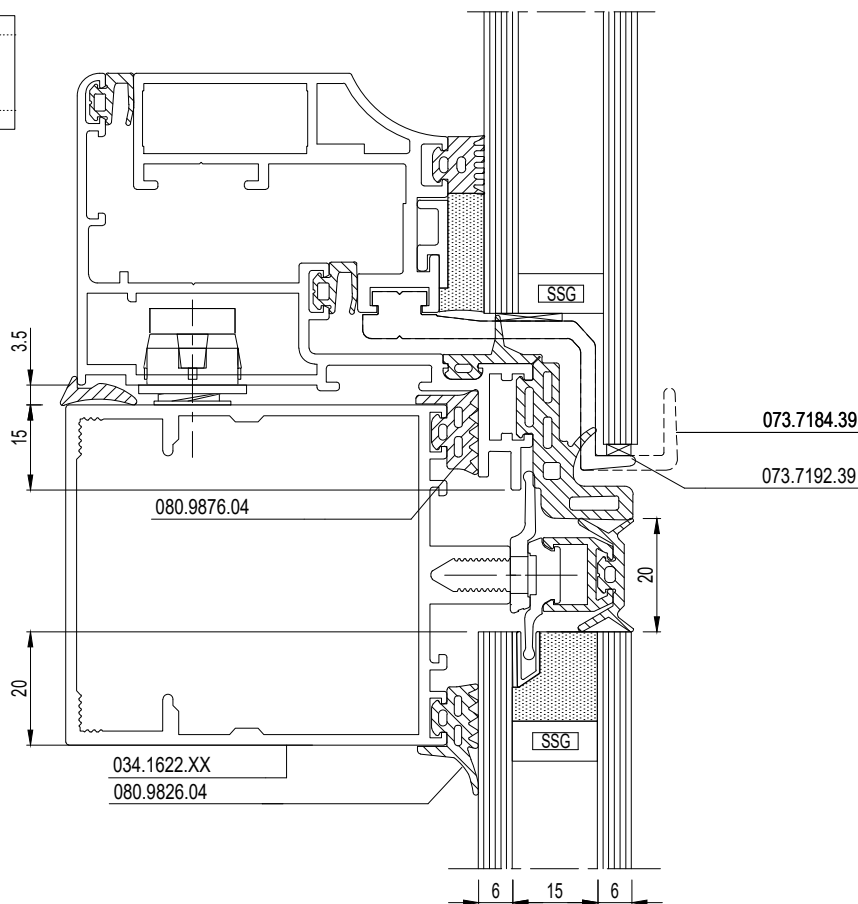
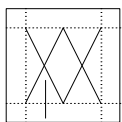
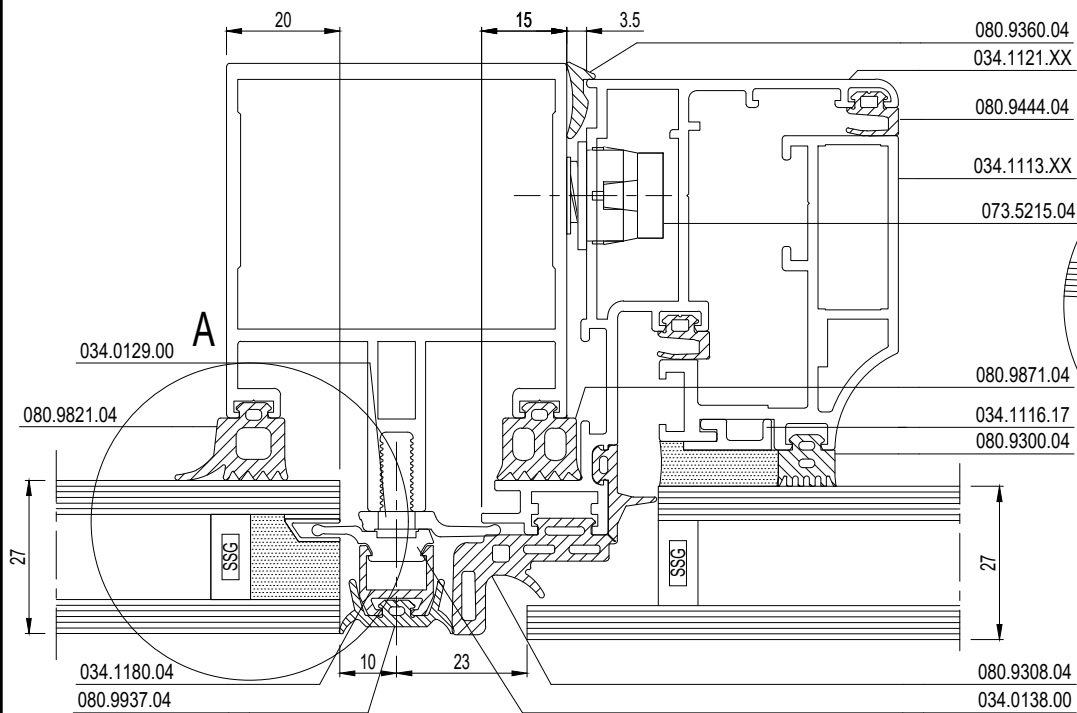


7.5°
 034.0148.00

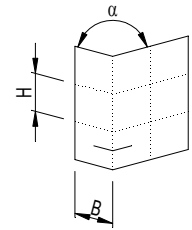
schaal - échelle
 scale - Maßstab
 3/4

ETAG
 002

D0072004



GLASMATEN DIMENSIONS DES VITRES GLASS SIZES GLASMAËßE		Gehard glas Verre trempé Toughened glass Hartglas	$\frac{B}{H} \geq \frac{1}{10}$
			$\frac{B}{H} \geq \frac{1}{6}$



- *** GLASDIKTE TE CONTROLEREN DOOR GLASFABRIKANT.
VERLIJMING GLASPLATEN ONDERLING TE CONTROLEREN DOOR VERLIJMINGSATELIER.

EPAISSEUR DU VITRAGE À CONTRÔLER PAR LE FABRICANT DE VERRE.
LE COLLAGE DU VERRE EST À CONTRÔLER AVEC LA SOCIÉTÉ DE COLLAGE.

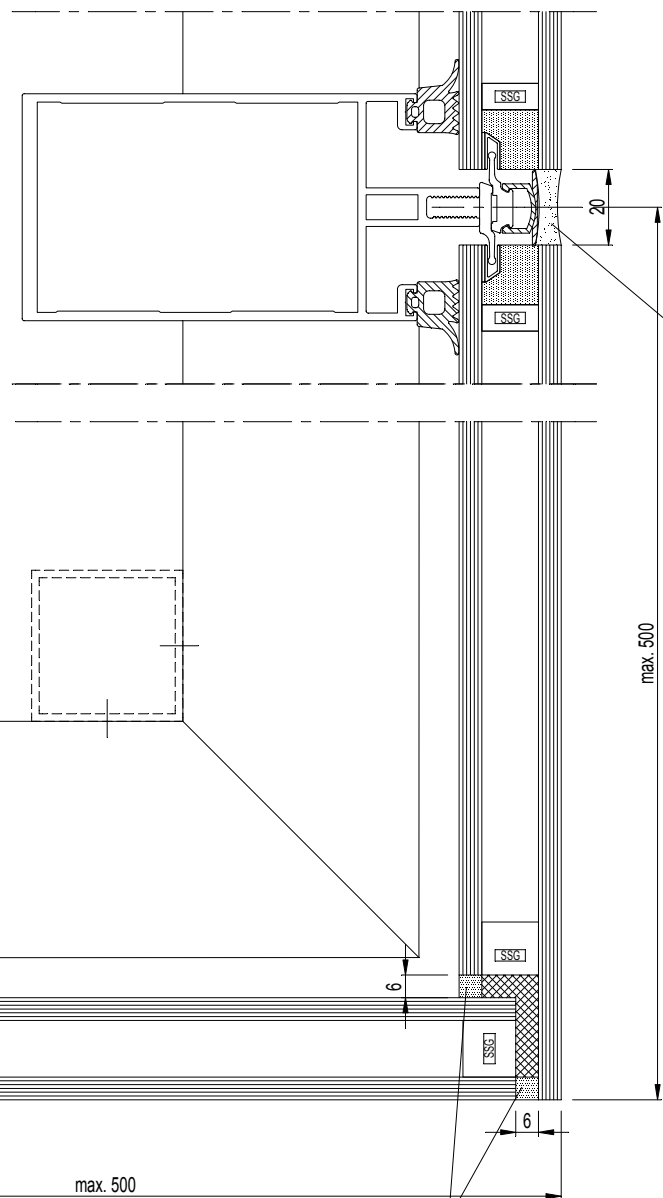
THE GLASS THICKNESS SHOULD BE CHECKED BY THE GLASS FABRICATOR.
GLUEING OF THE GLASS SHEETS SHOULD BE CHECKED WITH THE GLUEING COMPANY.

DIE GLASDICKE IST VOM GLASFABRIKANTEN ZU UEBERPRUEFEN.
DIE VERLEIMUNG DER GLASPLATTEN SOLL MIT DER VERLEIMUNGSFIRMA UEBERPRUEFT
WERDEN.

- X** Silicone met lage modulus. DC791/WS605/PROGLAZE LMA
Silicone avec module bas. DC791/WS605/PROGLAZE LMA
Silicone with low modulus. DC791/WS605/PROGLAZE LMA
Silikon mit niedrigem Modulus. DC791/WS605/PROGLAZE LMA

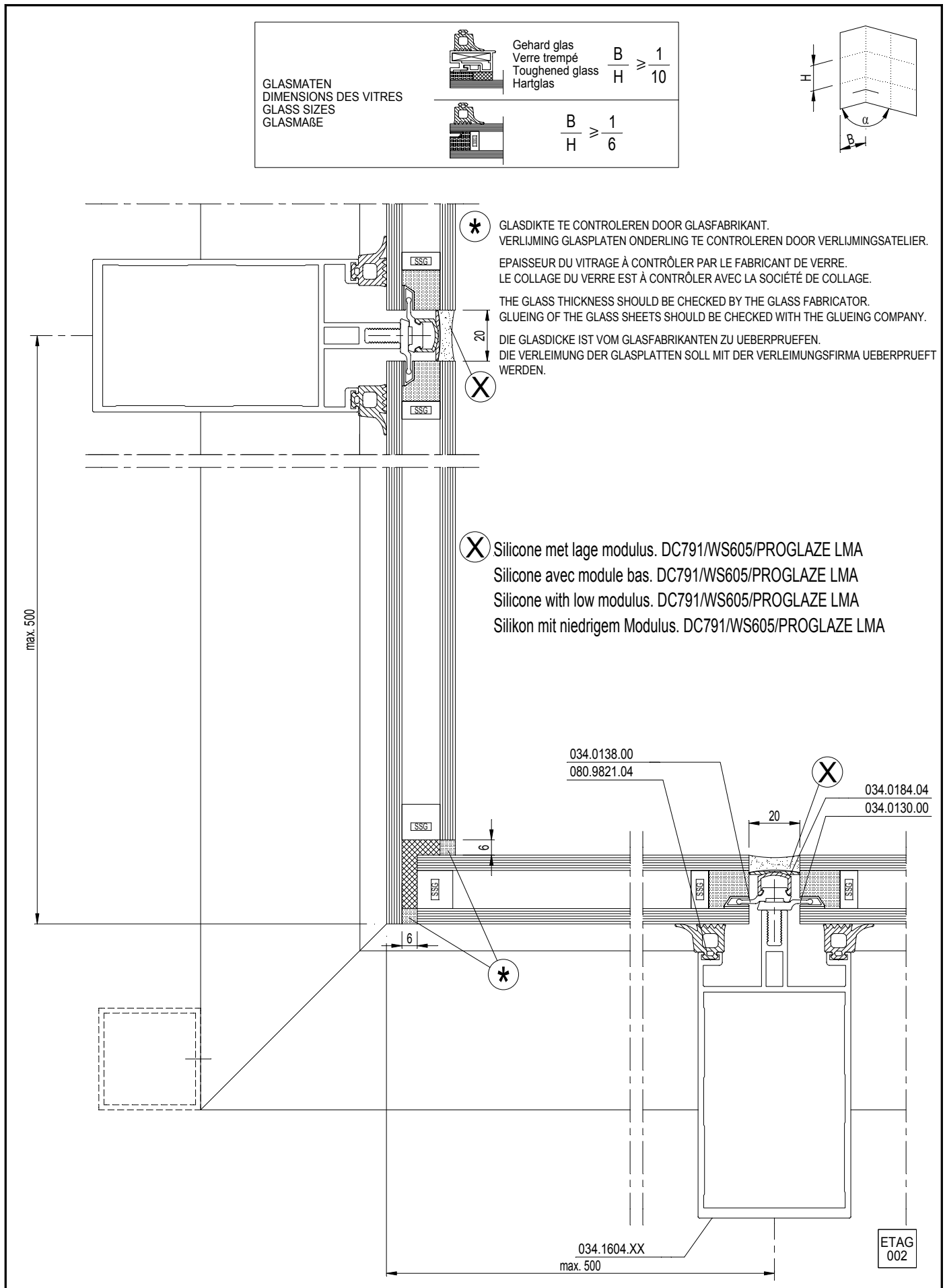
034.1604.XX
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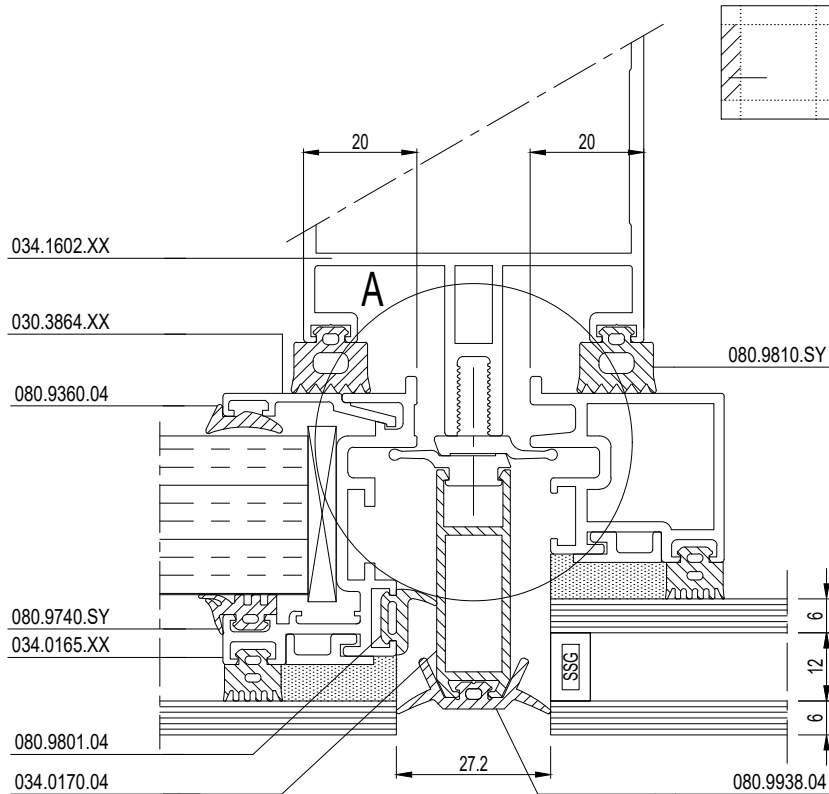
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034.0130.00
034.0138.00



ETAG
002

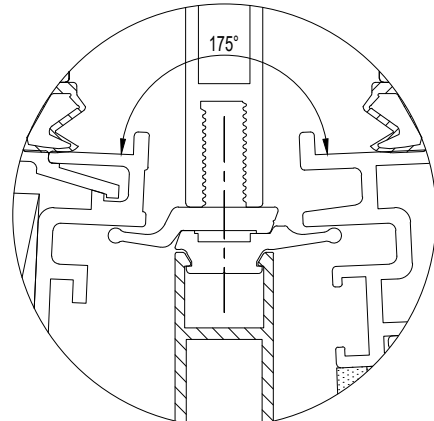
D0055723





DETAIL A

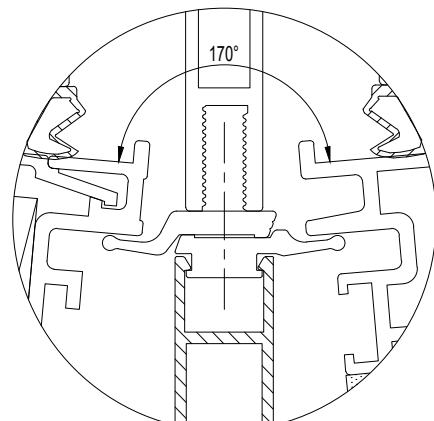
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5°

034.0143.00
034.0146.00

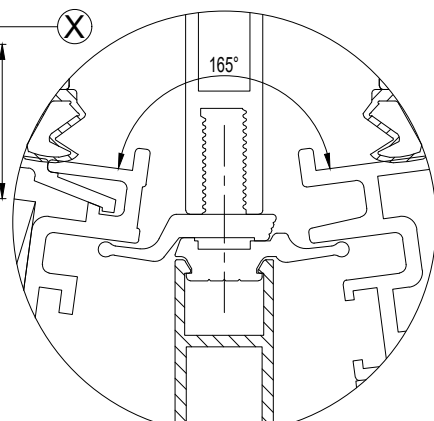
080.9514.SY



10°

034.0144.00
034.0147.00

080.9514.SY



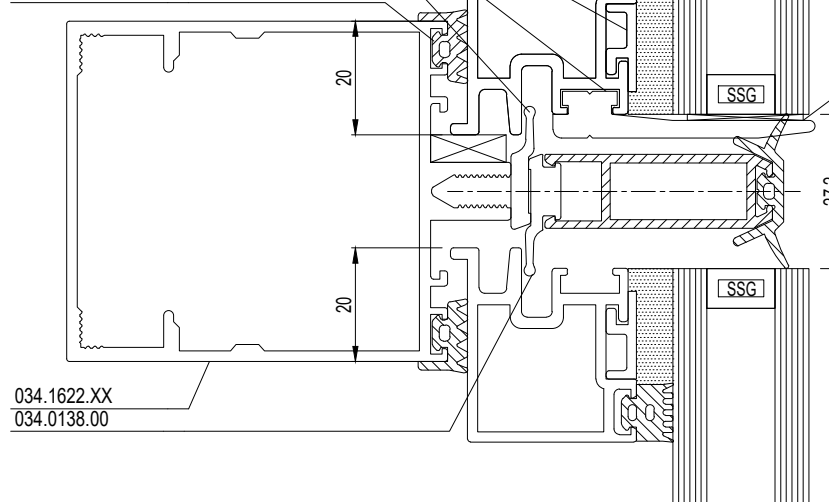
15°

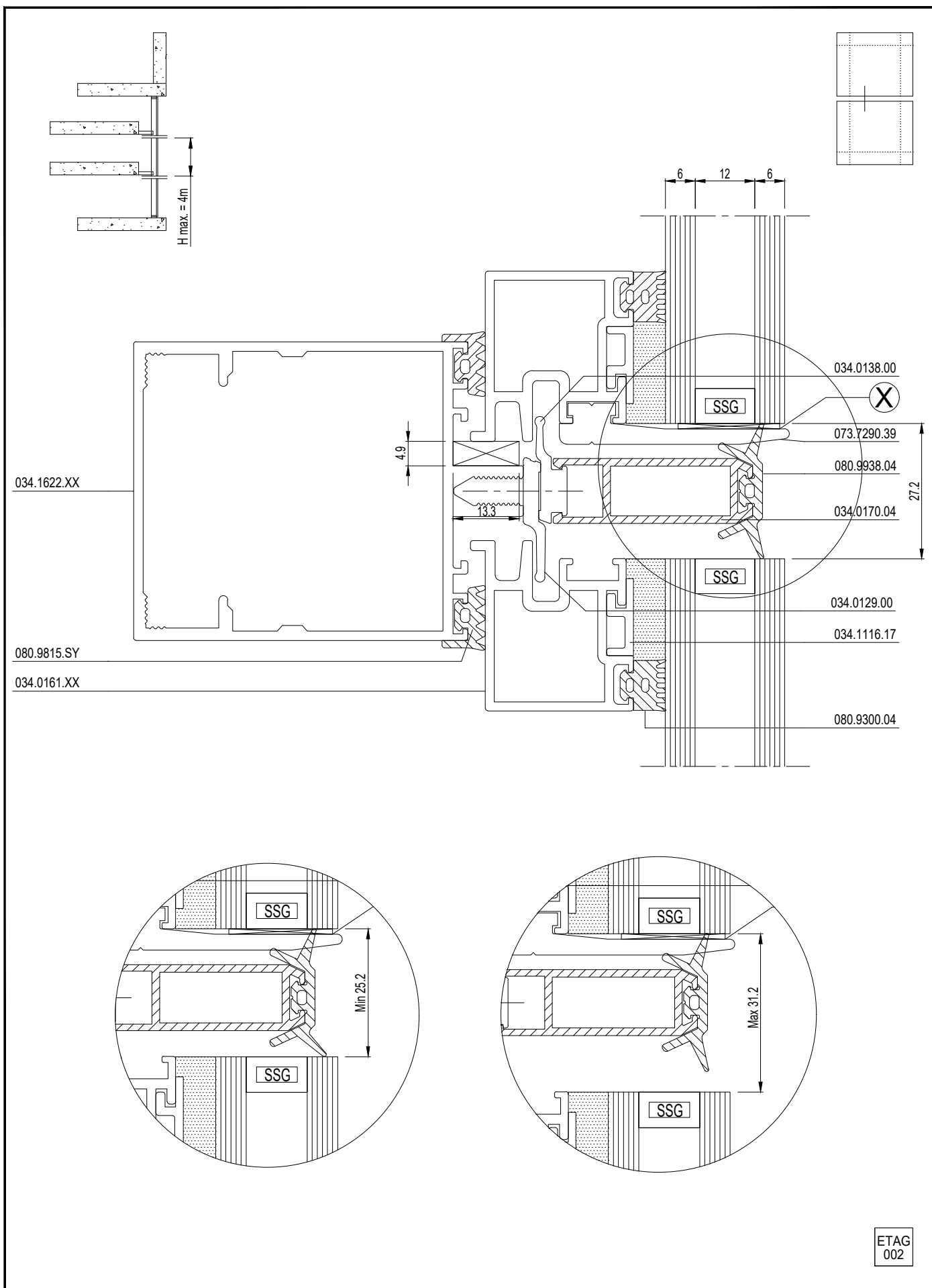
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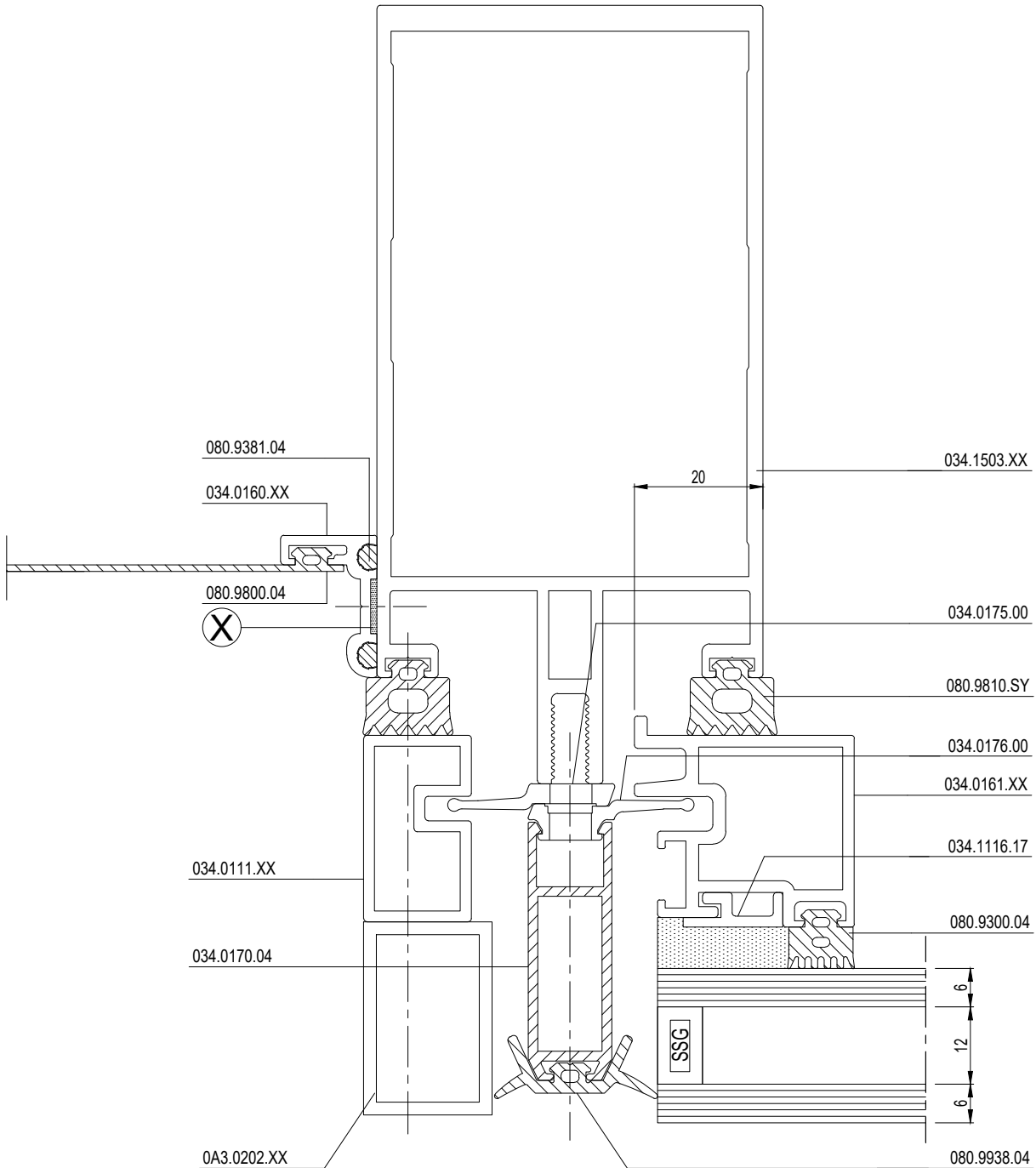
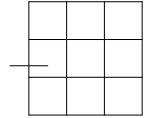
schaal - échelle
scale - Maßstab
3/4

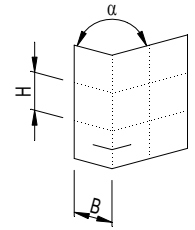
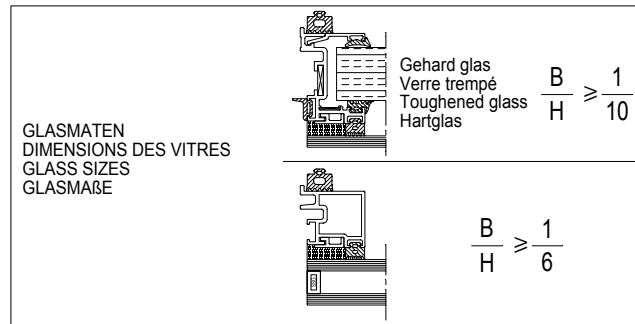
ETAG
002

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034.0161.XX
034.1116.17
073.7290.39
034.0130.00
080.9815.SY







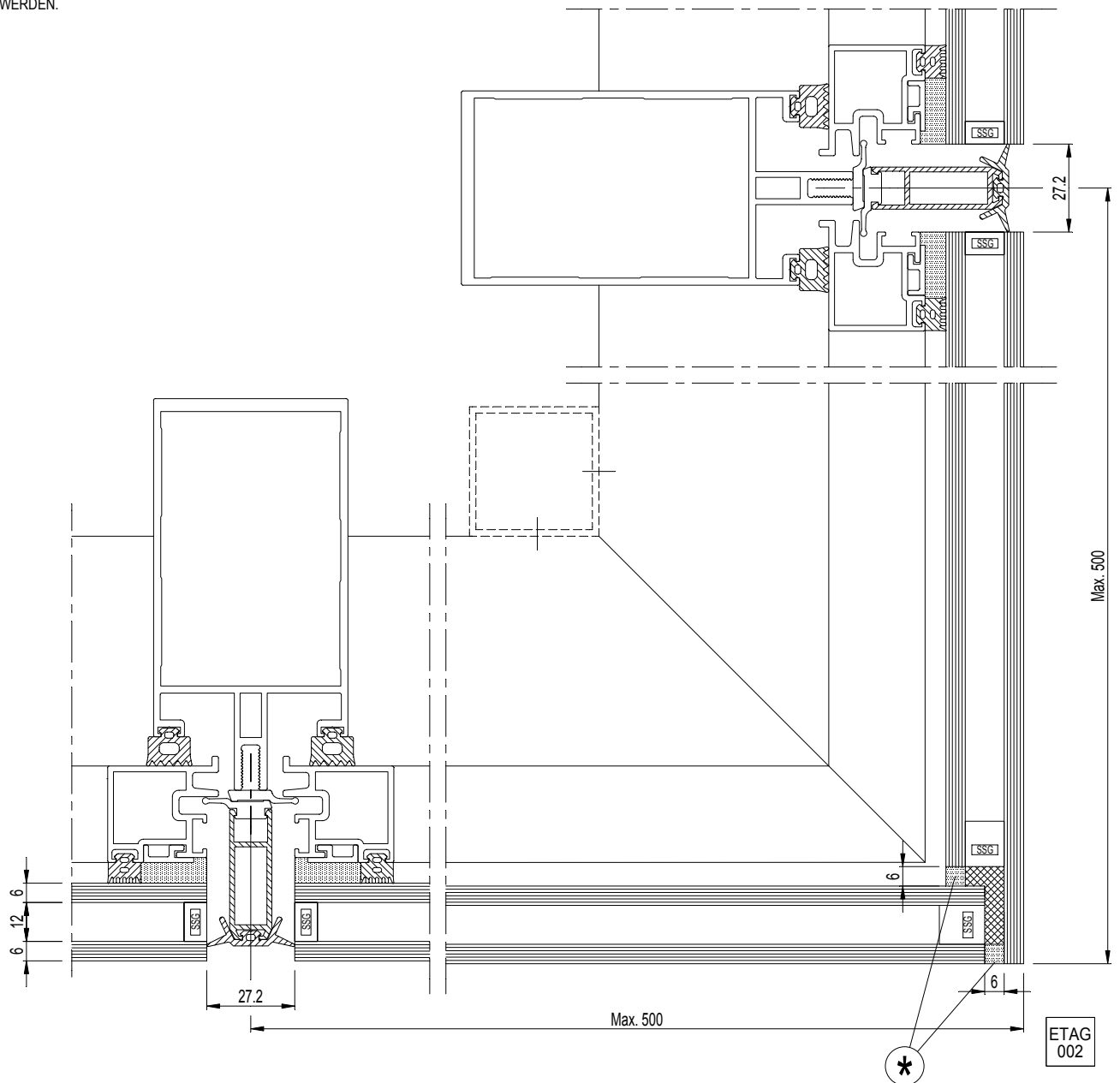


GLASDIKTE TE CONTROLEREN DOOR GLASFABRIKANT.
VERLIJMING GLASPLATEN ONDERLING TE CONTROLEREN DOOR VERLIJMINGSATELIER.

EPAISSEUR DU VITRAGE À CONTRÔLER PAR LE FABRICANT DE VERRE.
LE COLLAGE DU VERRE EST À CONTRÔLER AVEC LA SOCIÉTÉ DE COLLAGE.

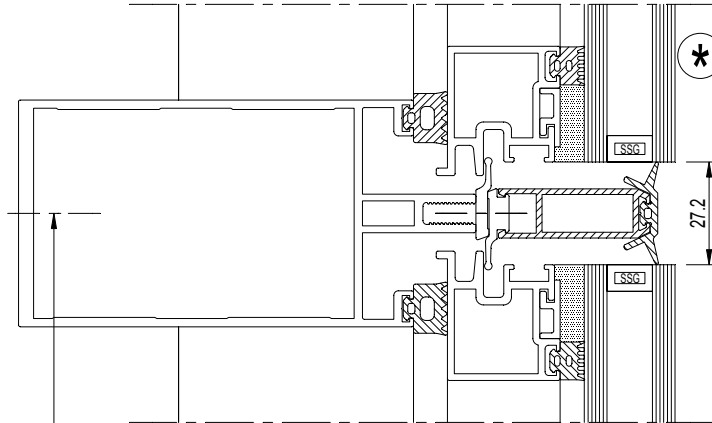
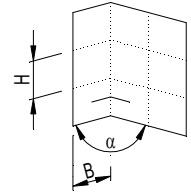
THE GLASS THICKNESS SHOULD BE CHECKED BY THE GLASS FABRICATOR.
GLUEING OF THE GLASS SHEETS SHOULD BE CHECKED WITH THE GLUEING COMPANY.

DIE GLASDICKE IST VOM GLASFABRIKANTEN ZU UEBERPRUEFEN.
DIE VERLEIMUNG DER GLASPLATTEN SOLL MIT DER VERLEIMUNGSFIRMA UEBERPRUEFT
WERDEN.



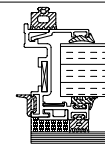
D

00055808



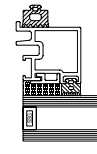
GLASDIKTE TE CONTROLEREN DOOR GLASFABRIKANT.
VERLIJMING GLASPLATEN ONDERLING TE CONTROLEREN DOOR VERLIJMINGSATELIER.
EPAISSEUR DU VITRAGE À CONTRÔLER PAR LE FABRICANT DE VERRE.
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DIE GLASDICKE IST VOM GLASFABRIKANTEN ZU UEBERPRUEFEN.
DIE VERLEIMUNG DER GLASPLATTEN SOLL MIT DER VERLEIMUNGSFIRMA UEBERPRUEFT
WERDEN.

GLASMATEN
DIMENSIONS DES VITRES
GLASS SIZES
GLASMAÛE



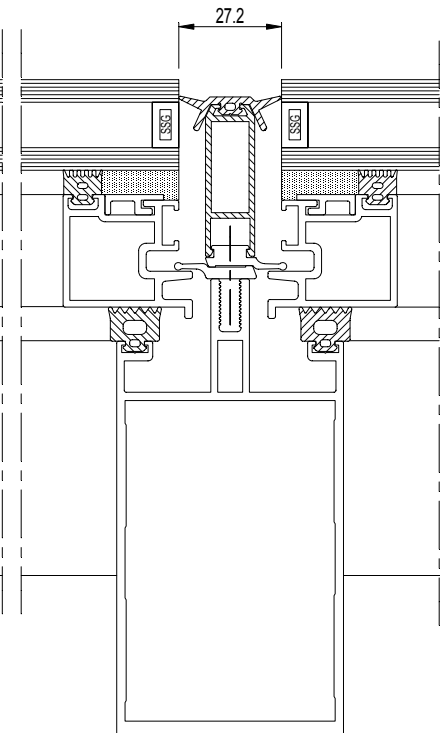
Gehard glas
Verre trempé
Toughened glass
Hartglas

$$\frac{B}{H} \geq \frac{1}{10}$$



$$\frac{B}{H} \geq \frac{1}{6}$$

Max. 500



Max. 500

ETAG
002

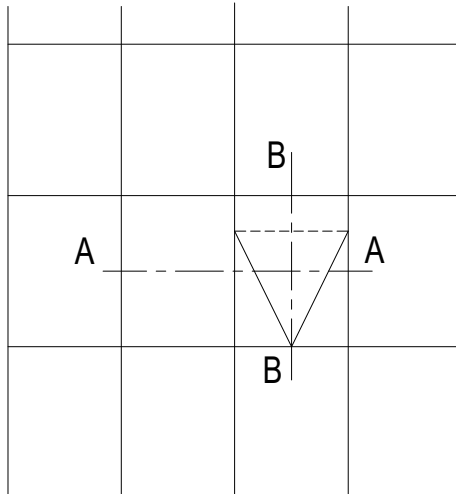
D0055809

E



Reynaers
Aluminium

Werktekeningen
Coupes et débits
Work drawings
Werkzeichnungen



b = B - 93
h = H - 93

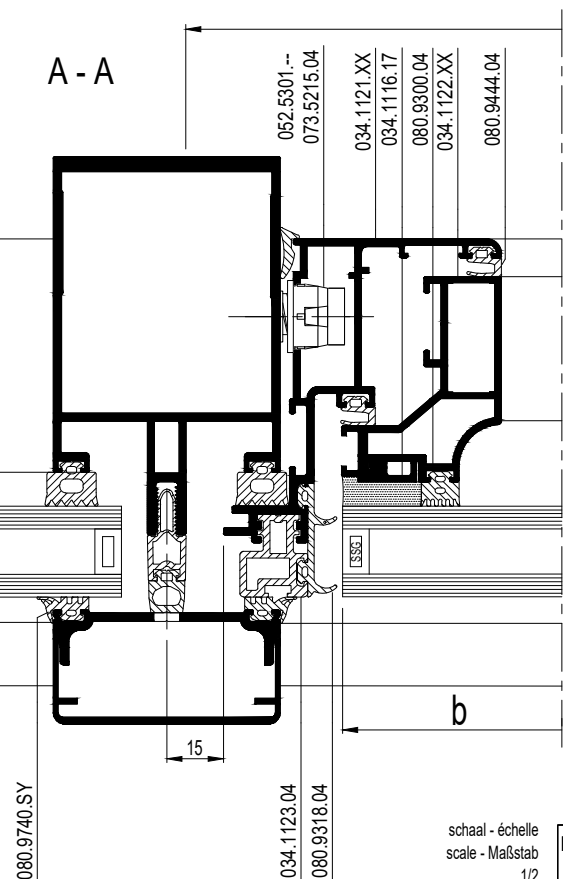
			#	Lm	
034.1121.XX			2	B - 30	52.C. ...
034.1122.XX			2	H - 30	52.C. ...
034.1116.17			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
034.1123.04			2	B - 38.5	52.C. ...
034.1123.04			2	H - 38.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
069.7073.01		52.F. ...	52.G. ...
052.5312.--		2x069.7073.01	52.G. ...
073.7290.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
080.9318.04		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...

034.1602.XX

080.9810.SY

A - A



schaal - échelle
scale - Maßstab
1/2

ETAG
002

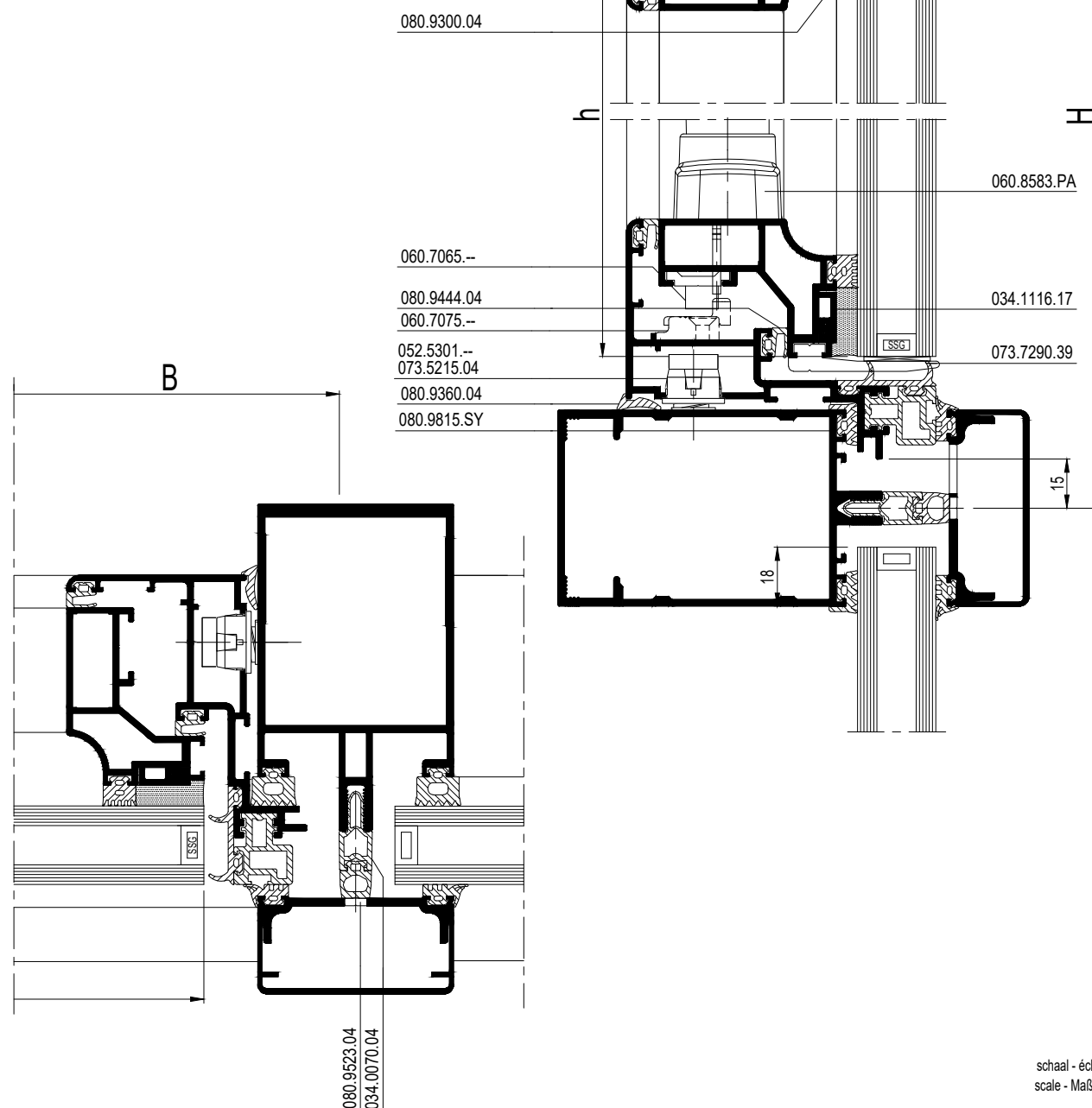
D0055810

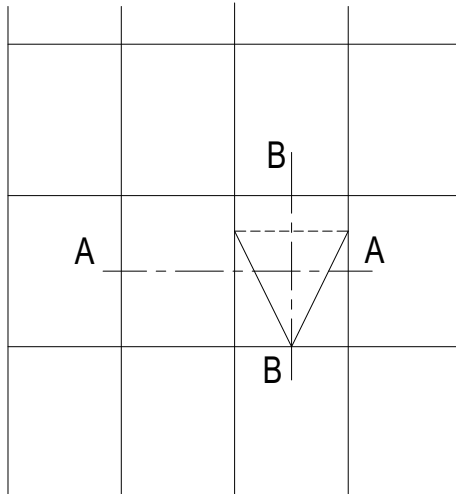
(*) of/ou/or/oder

021.5650.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--	☒	2	52.G. ...

(*) of/ou/or/oder

021.5660.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

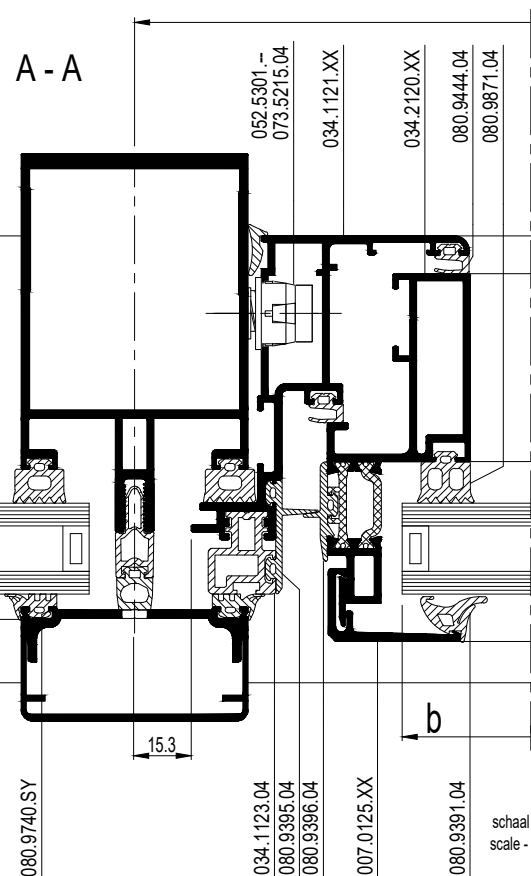
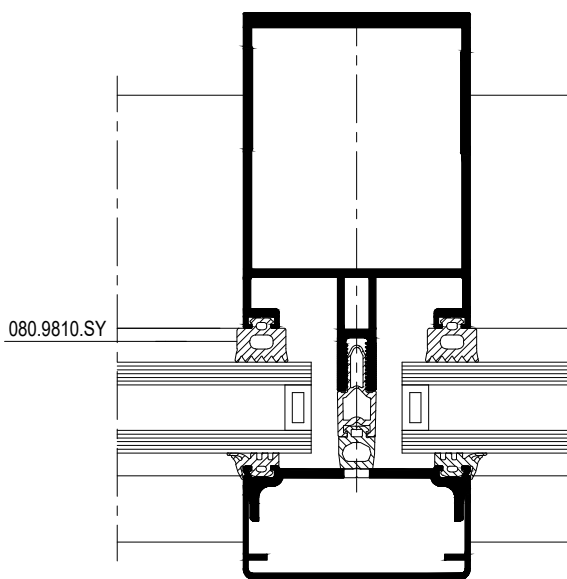




b = B - 141
h = H - 141

			#	$\rightarrow L_m \leftarrow$	
034.1121.XX			2	B - 30	52.C. ...
			2	H - 30	
034.2120.XX			2	B - 102	52.C. ...
			2	H - 102	
034.1123.04			2	B - 38.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...
007.0125.XX			2	B - 102	52.C. ...
			2	H - 102	

		#	
068.7302.00		4	52.G. ...
068.7851.00		4	52.G. ...
068.5938.--		8	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F.	52.G. ...
060.7065.--		52.F.	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F.	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
069.7073.01		52.F.	52.G. ...
052.5312.--		2x069.7073.01	52.G. ...
073.5215.04		52.F.	52.G. ...
052.5301.--		52.F.	52.G. ...



schaal - échelle
scale - Maßstab
1/2

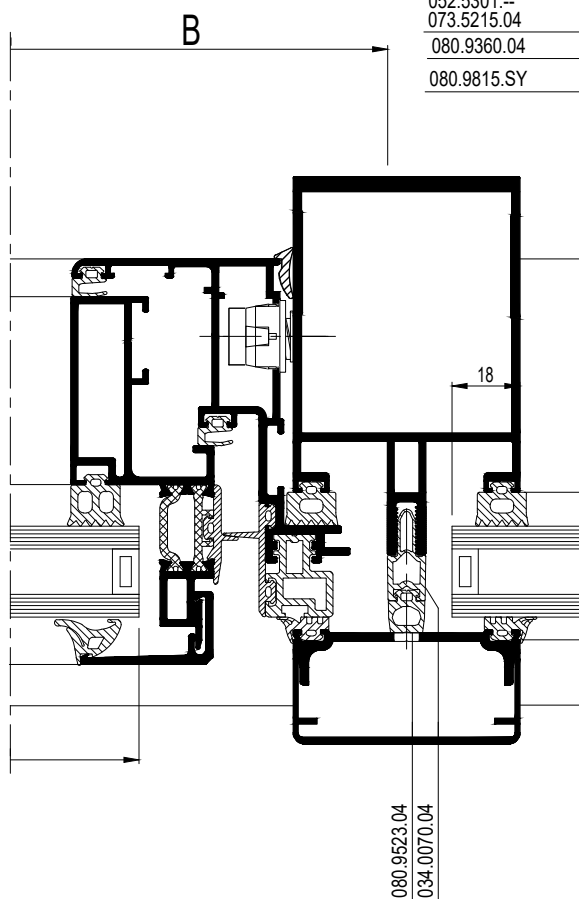
D0055828

		#	
080.9395.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9871.04		(2xH)+(2xB)-500	52.G. ...
080.9391.04		(2xH)+(2xB)-500	52.G. ...

(*) of/ou/or/oder

021.5650.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

B MAX=1500
H MAX=1500

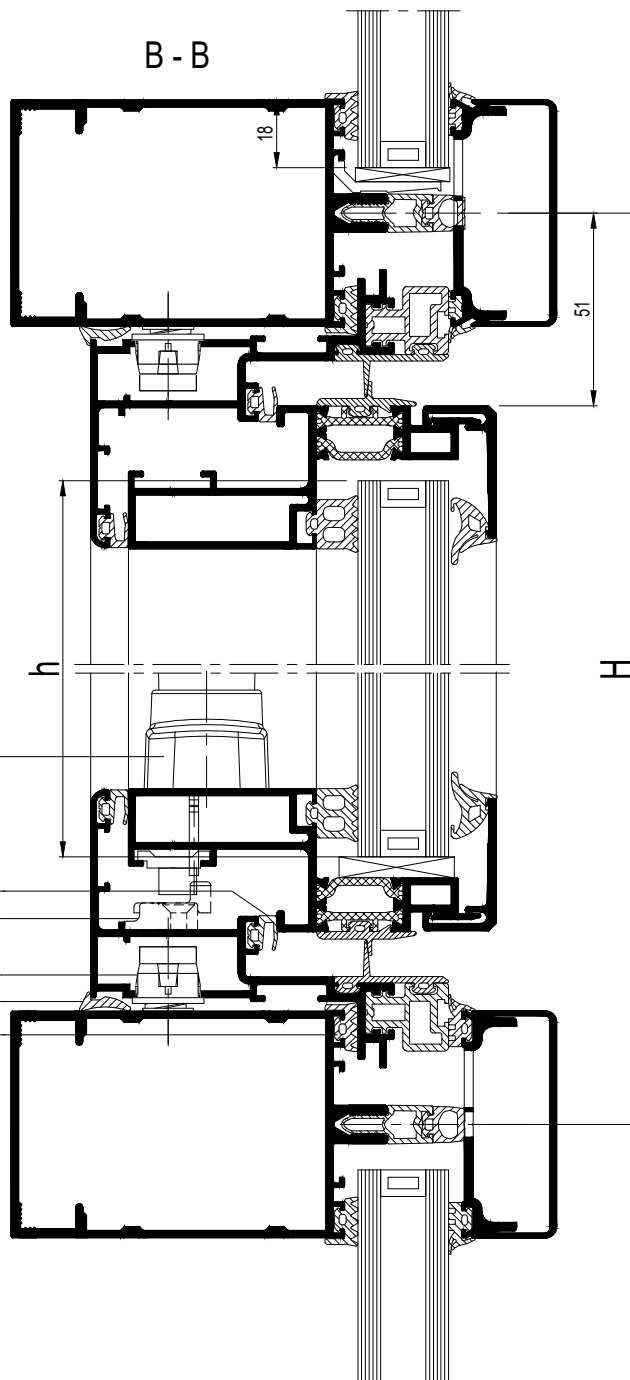


060.8583.PA

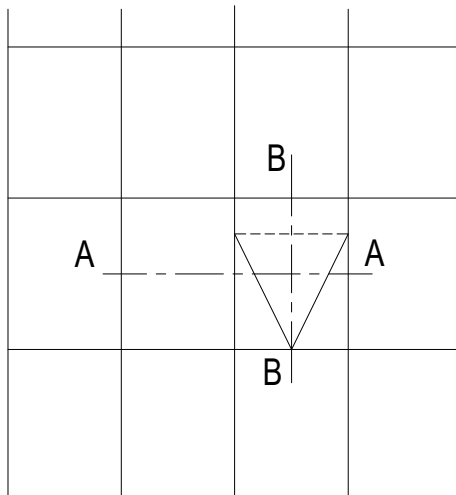
080.9444.04
060.7075.--

052.5301.--
073.5215.04
080.9360.04

080.9815.SY



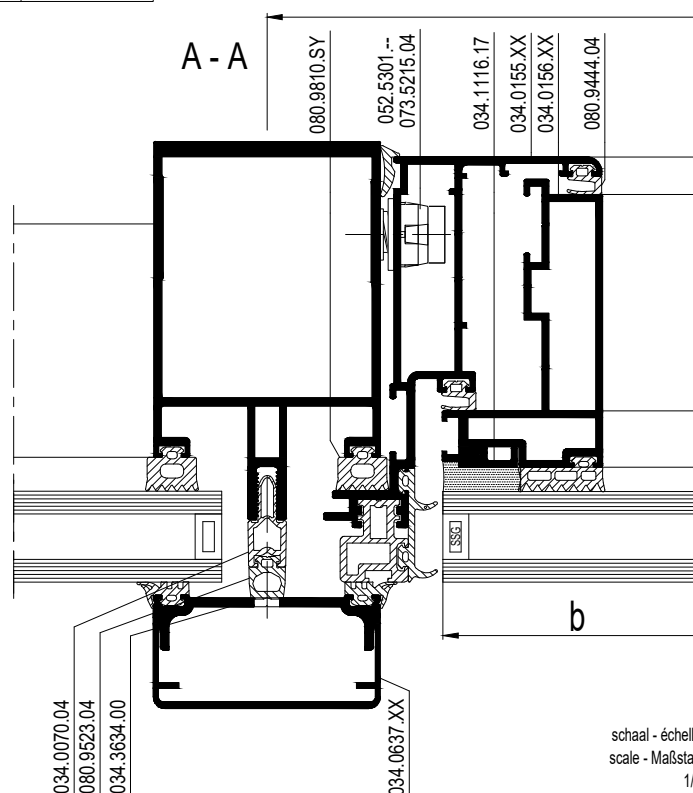
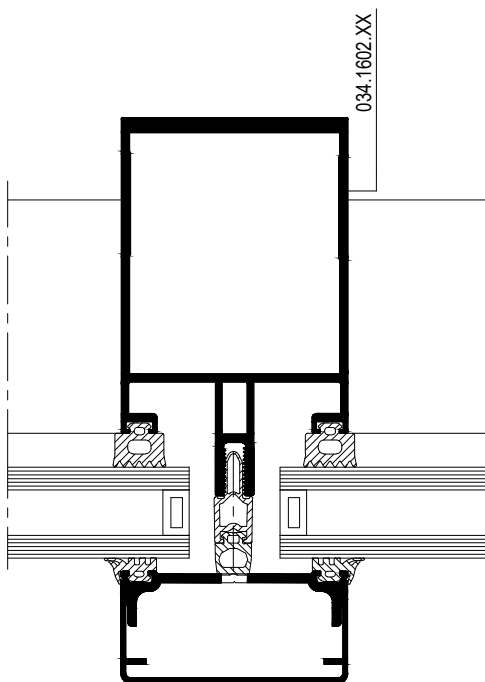
schaal - échelle
scale - Maßstab
1/2



b = B - 93
h = H - 93

			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
034.1123.04			2	B - 38.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
073.7290.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9303.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0077155

		#	
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(*) of/ou/or/oder

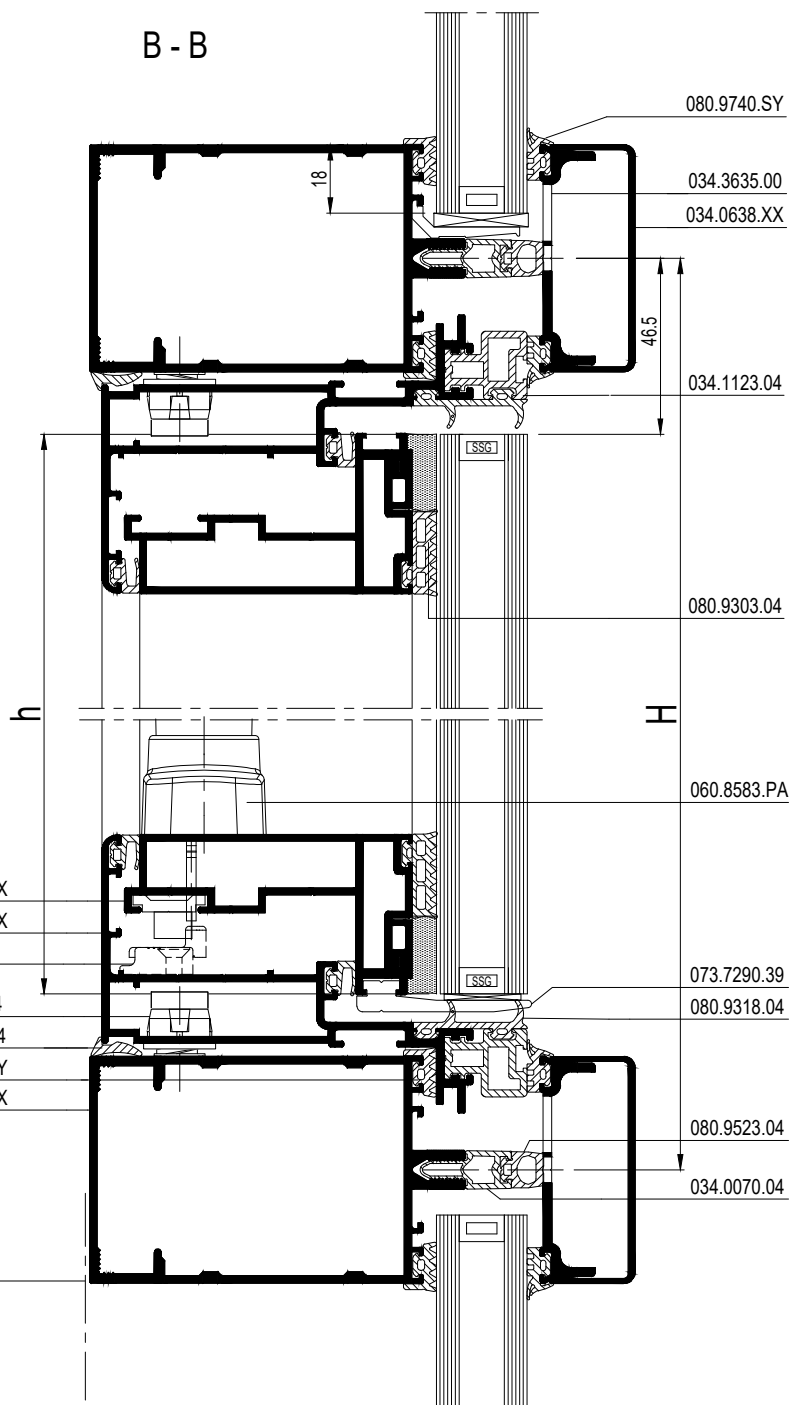
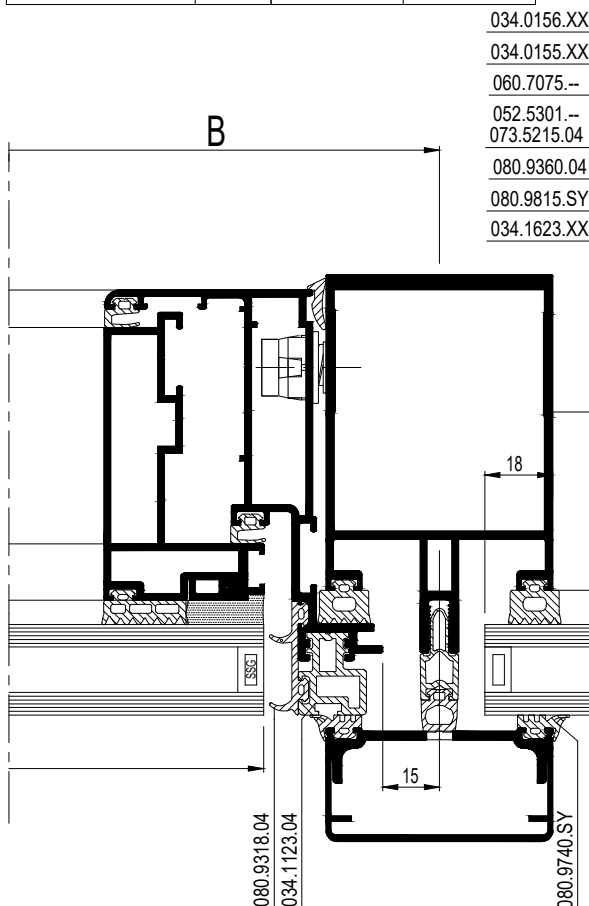
021.5650.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

021.5660.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

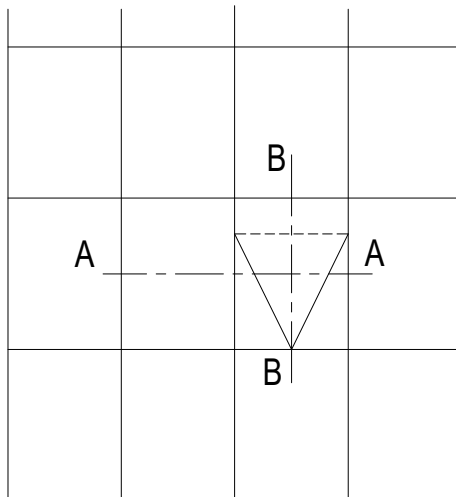
(*) of/ou/or/oder

060.8370.--		1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...
060.7169.--		1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...



schaal - échelle
scale - Maßstab
1/2

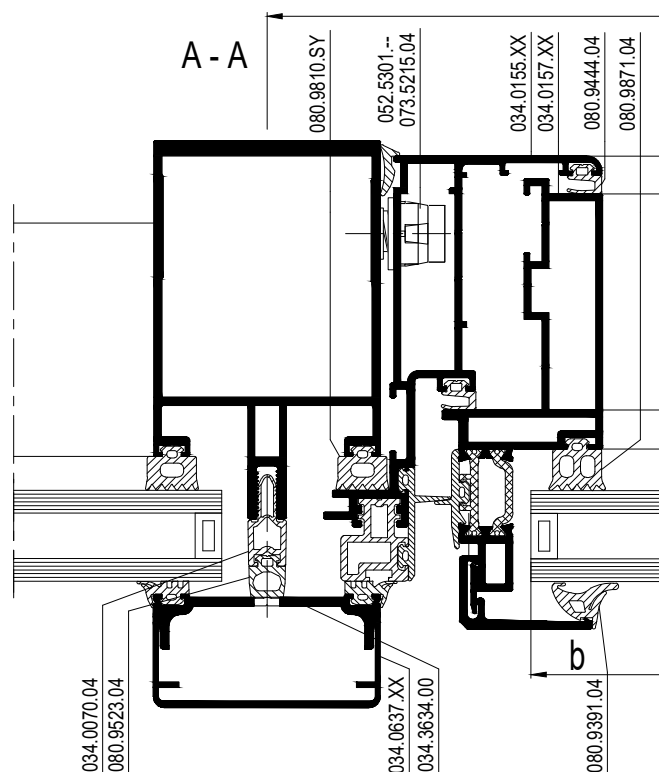
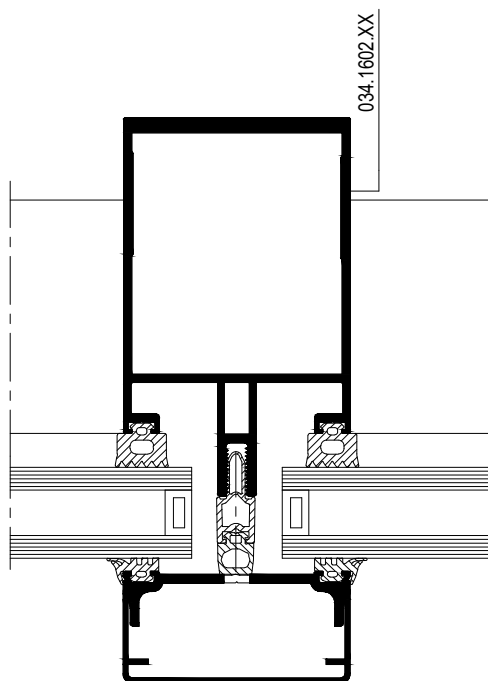
ETAG
002




b = B - 141
h = H - 141

			#	$\leftarrow L_m \rightarrow$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0157.XX			2	B - 92.5	52.C. ...
			2	H - 92.5	52.C. ...
034.1123.04			2	B - 38.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...
007.0125.XX			-	52.F. ...	52.C. ...

		#	
068.7560.00		4	52.G. ...
068.7561.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9871.04		(2xH)+(2xB)-240	52.G. ...
080.9395.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9391.04		(2xH)+(2xB)-500	52.G. ...
080.9396.04		2x(B+H)-280	52.G. ...


 schaal - échelle
 scale - Maßstab
 1/2

D0077157

		#	
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(*) of/ou/or/oder

021.5650.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

021.5660.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

060.8370.--		1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...
060.7169.--		1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...

060.7065.--

060.7075.--

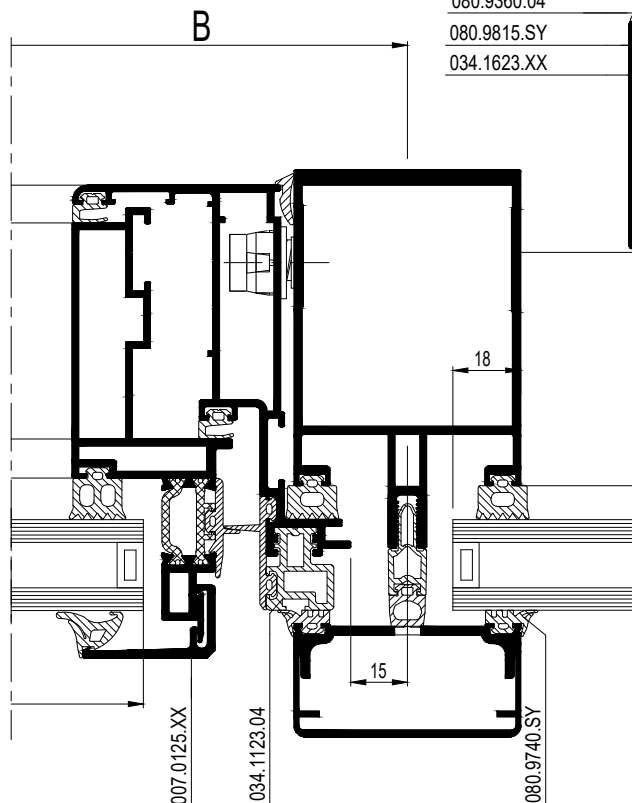
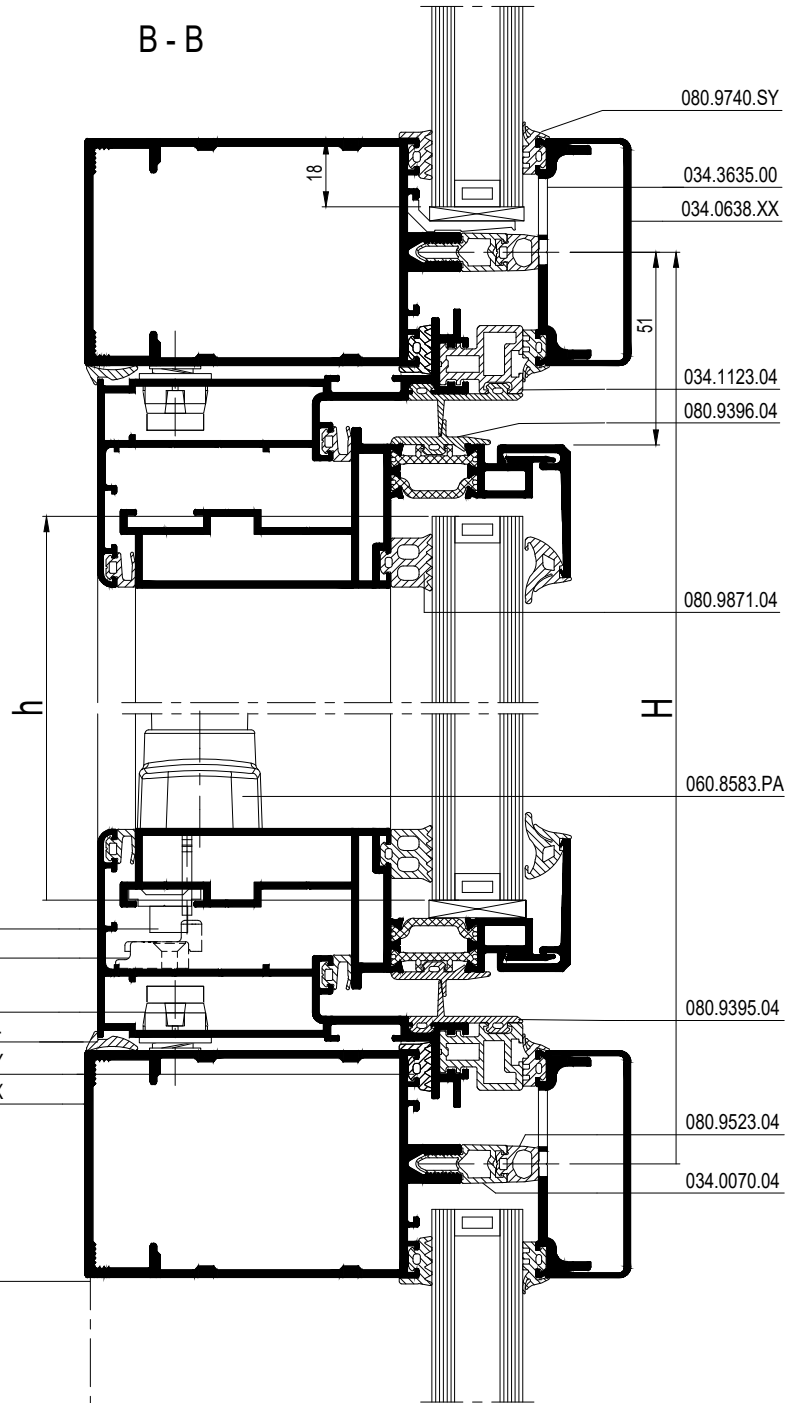
052.5301.--

073.5215.04

080.9360.04

080.9815.SY

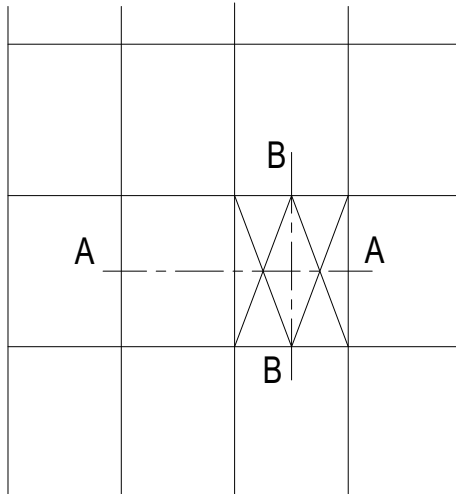
034.1623.XX



schaal - échelle
scale - Maßstab
1/2

E

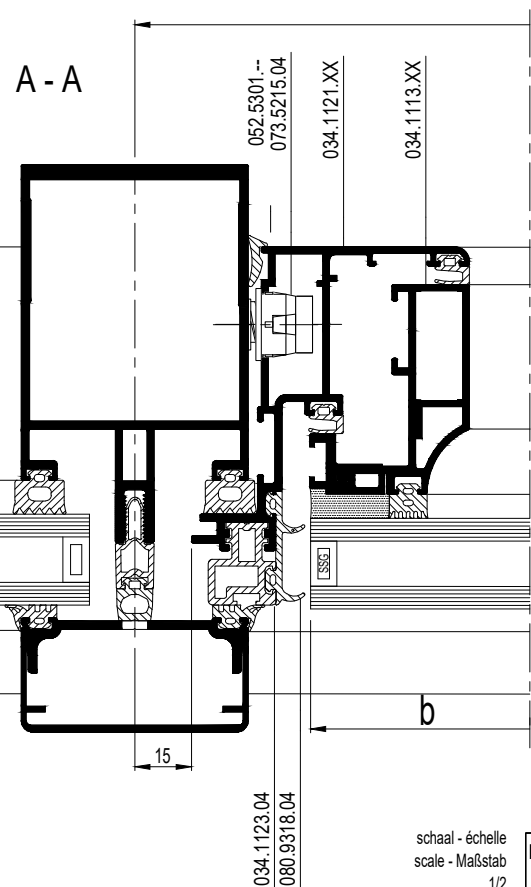
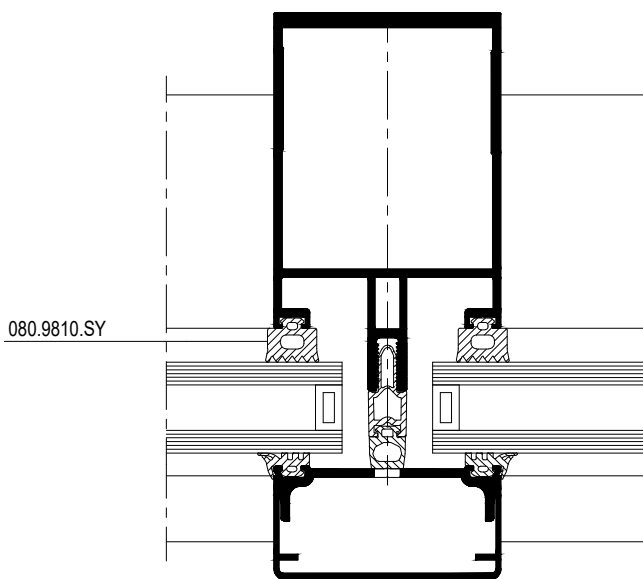
D0077157



$b = B - 93$
$h = H - 93$

			#	L_m	
034.1121.XX			2	B - 30	52.C. ...
			2	H - 30	
034.1113.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
034.1123.04			2	B - 38.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...

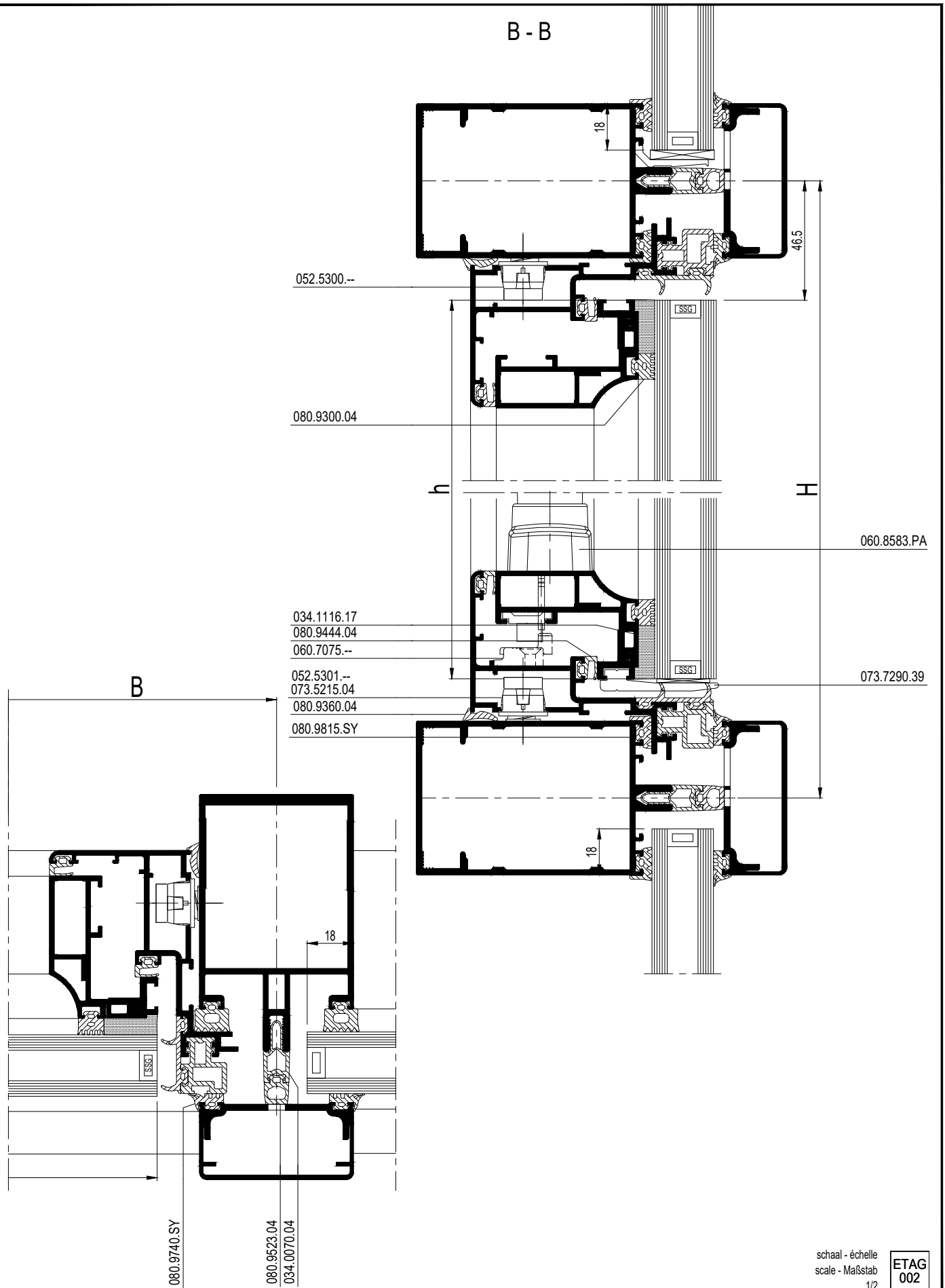
		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		1	52.G. ...
060.8361.--		2	52.G. ...
060.8366.--		2	52.G. ...
050.5119.--		9	52.G. ...
057.5711.--		9	52.G. ...
073.7305.39		2	52.G. ...
073.5213.--		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		$(2xH)+(2xB)-400$	52.G. ...
080.9318.04		$2x(B-50)$	52.G. ...
		$2x(H-50)$	
080.9444.04		$(4xH)+(4xB)-450$	52.G. ...
080.9360.04		$(2xH)+(2xB)-100$	52.G. ...

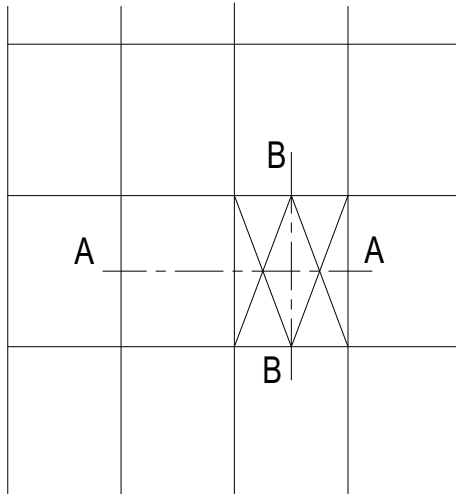


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0055678

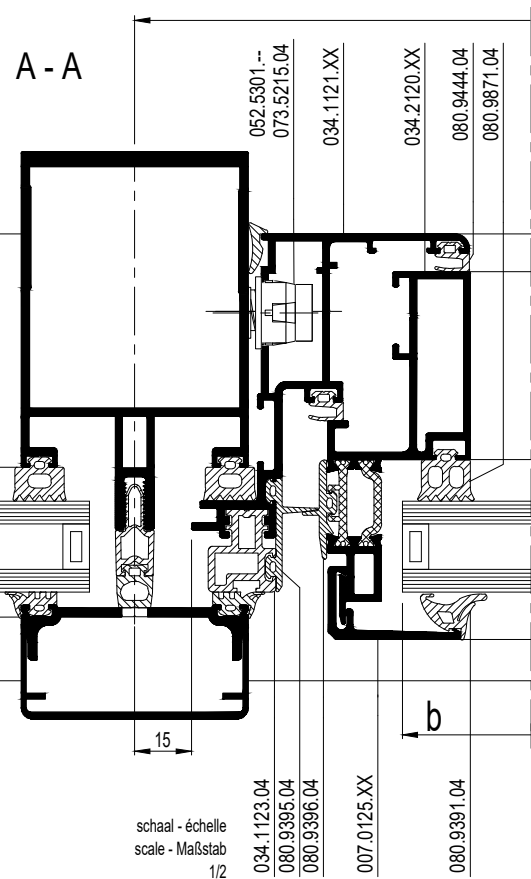
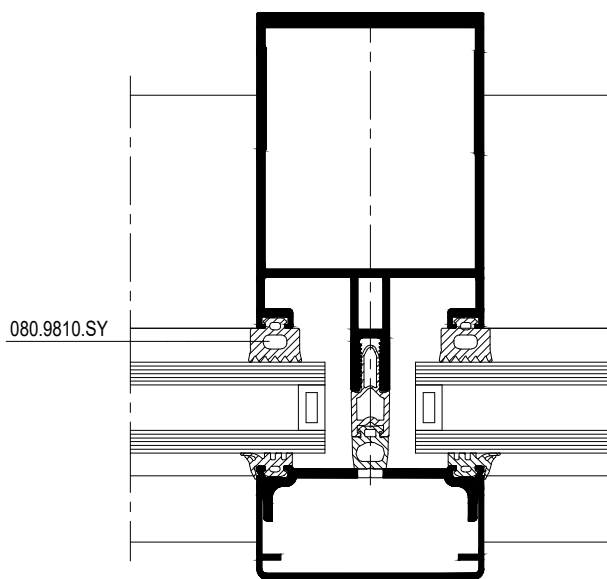


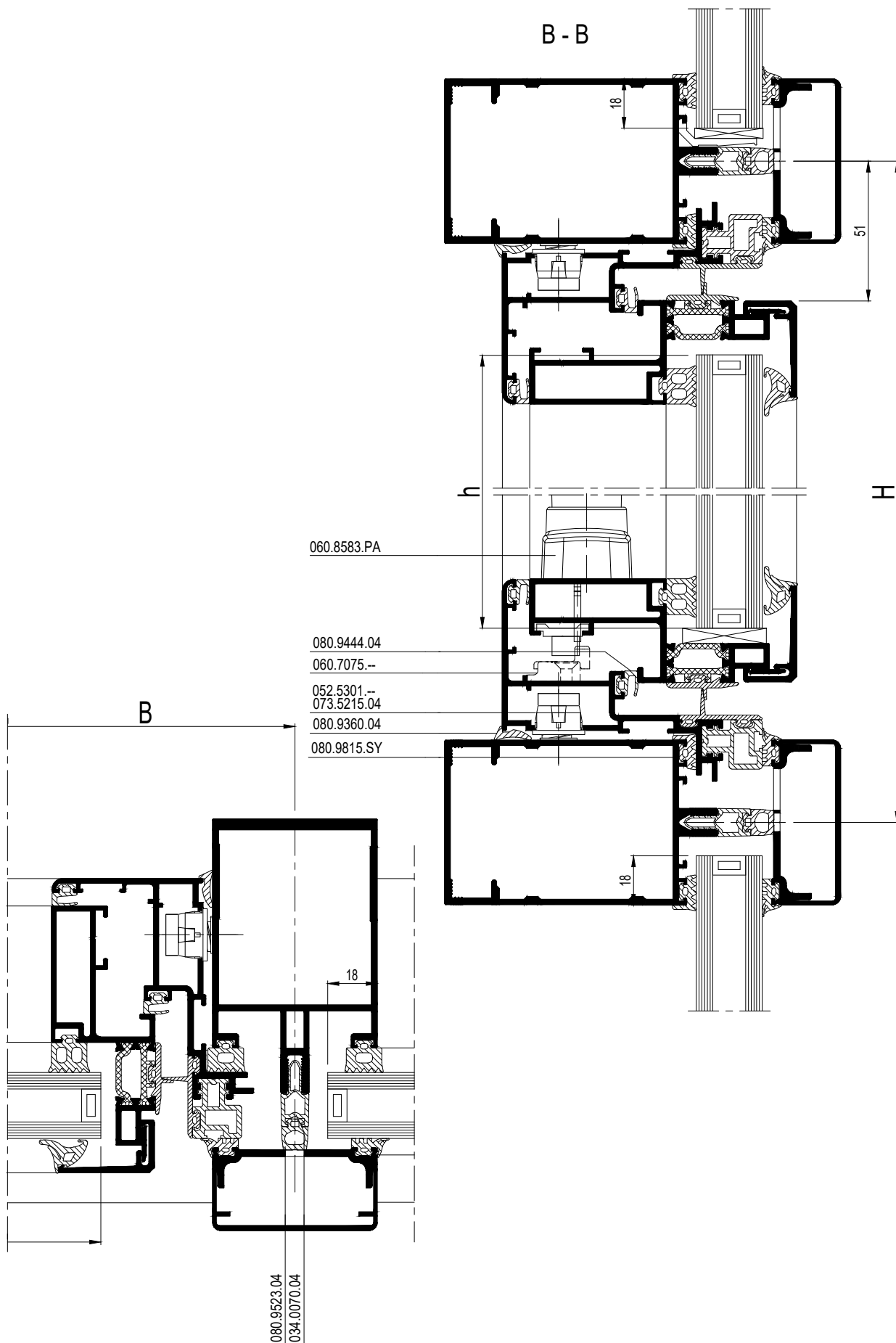


b = B - 141
h = H - 141

			#	L_m	
034.1121.XX			2	B - 30	52.C. ...
			2	H - 30	
034.2120.XX			2	B - 102	52.C. ...
			2	H - 102	
034.1123.04			2	B - 29.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...
007.0125.XX			2	B - 102	52.C. ...
			2	H - 102	

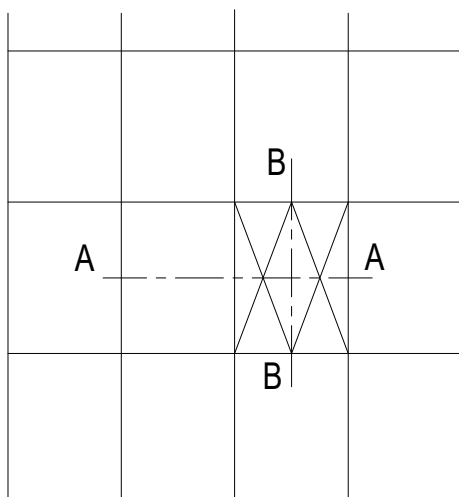
		#	
068.7302.00		4	52.G. ...
068.7851.00		4	52.G. ...
068.5938.--		8	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9395.04		2x(B+H)-200	52.G. ...
080.9396.04		2x(B+H)-280	52.G. ...
080.9444.04		(4xH)+(4xB)-800	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9871.04		(2xH)+(2xB)-500	52.G. ...
080.9391.04		(2xH)+(2xB)-500	52.G. ...





schaal - échelle
scale - Maßstab
1/2

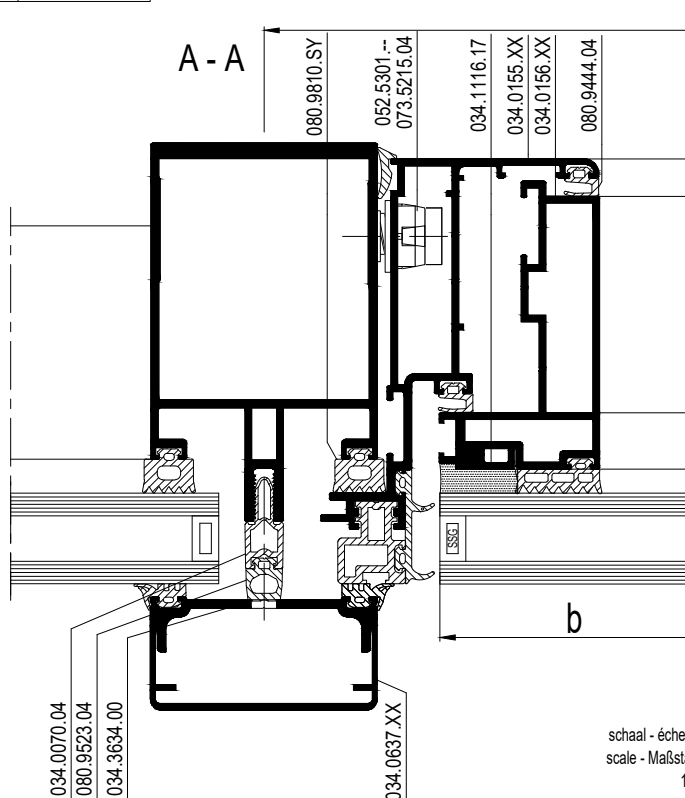
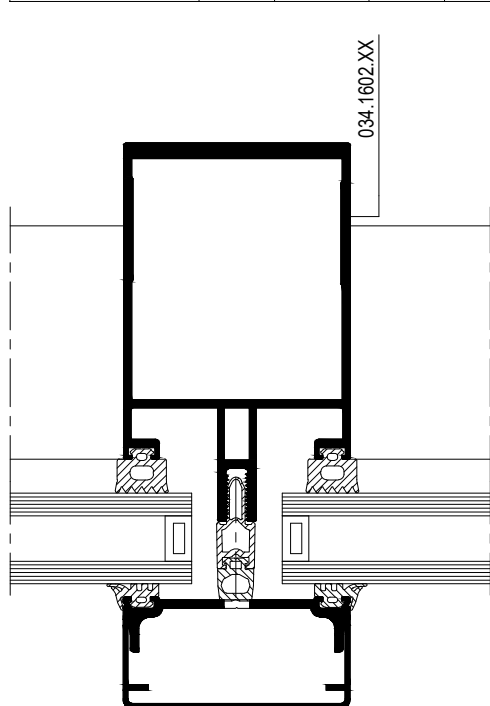
D0056853



b = B - 93
h = H - 93

			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
034.1123.04			2	B - 38.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...

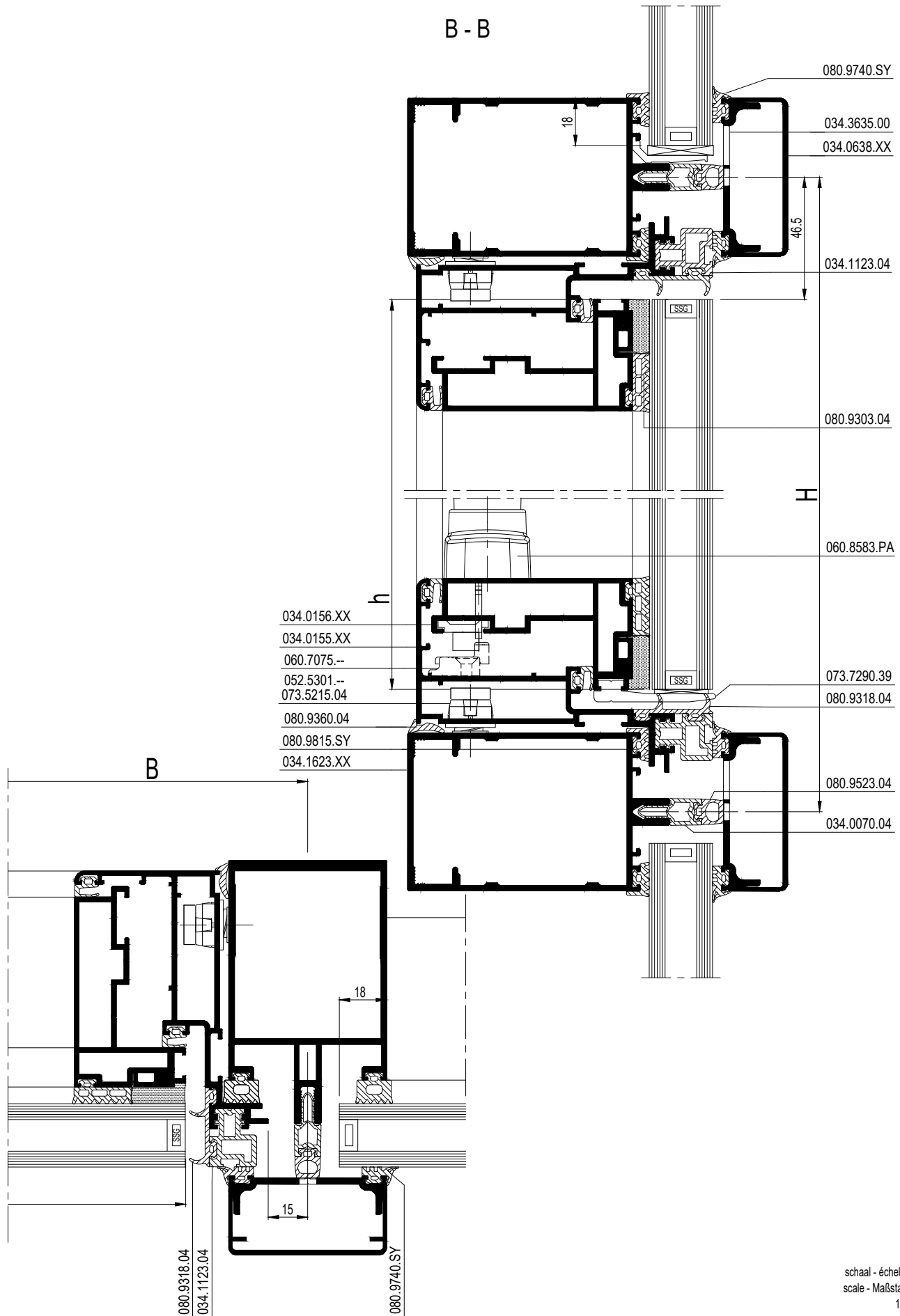
		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.7290.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9303.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

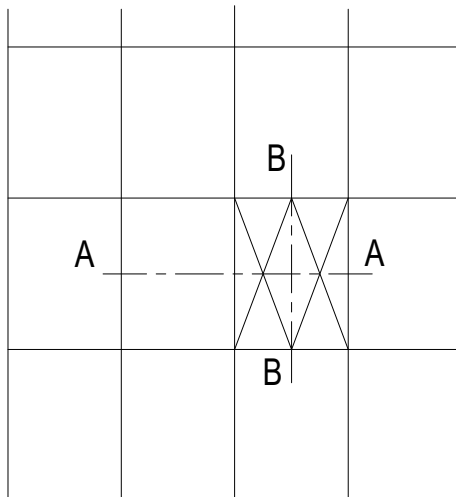
D0077156



schaal - échelle
scale - Maßstab
1/2

ETAG
002

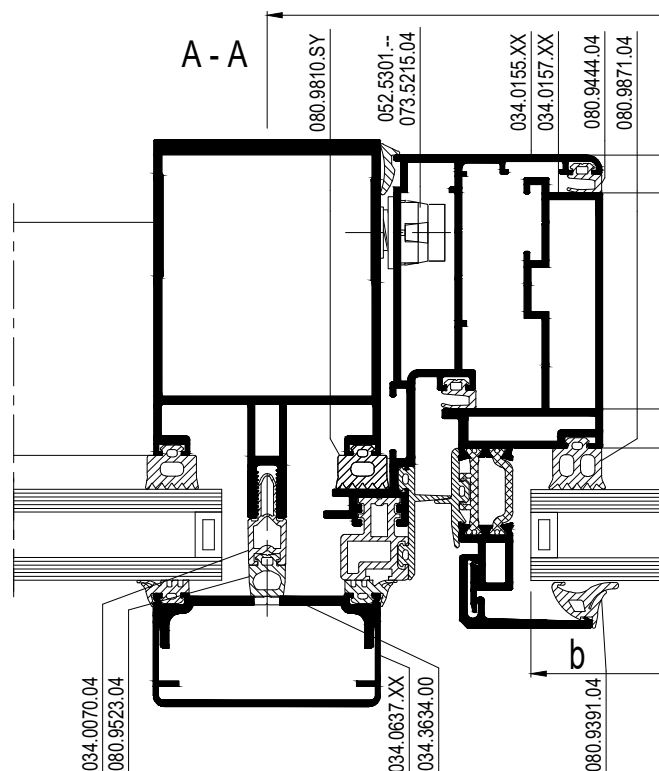
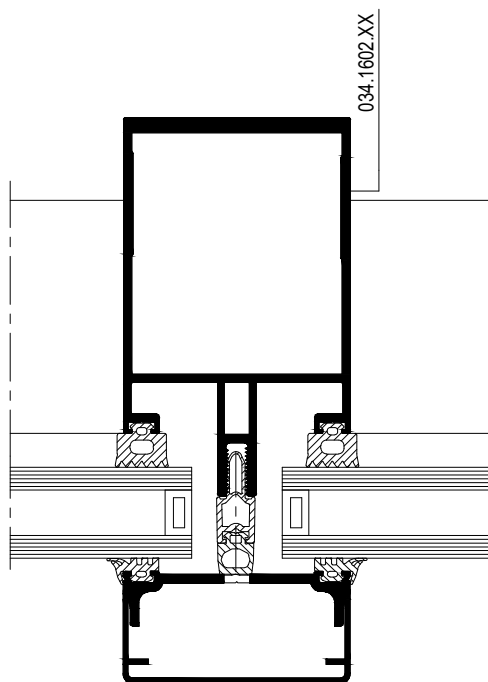
D0077156



b = B - 141
h = H - 141

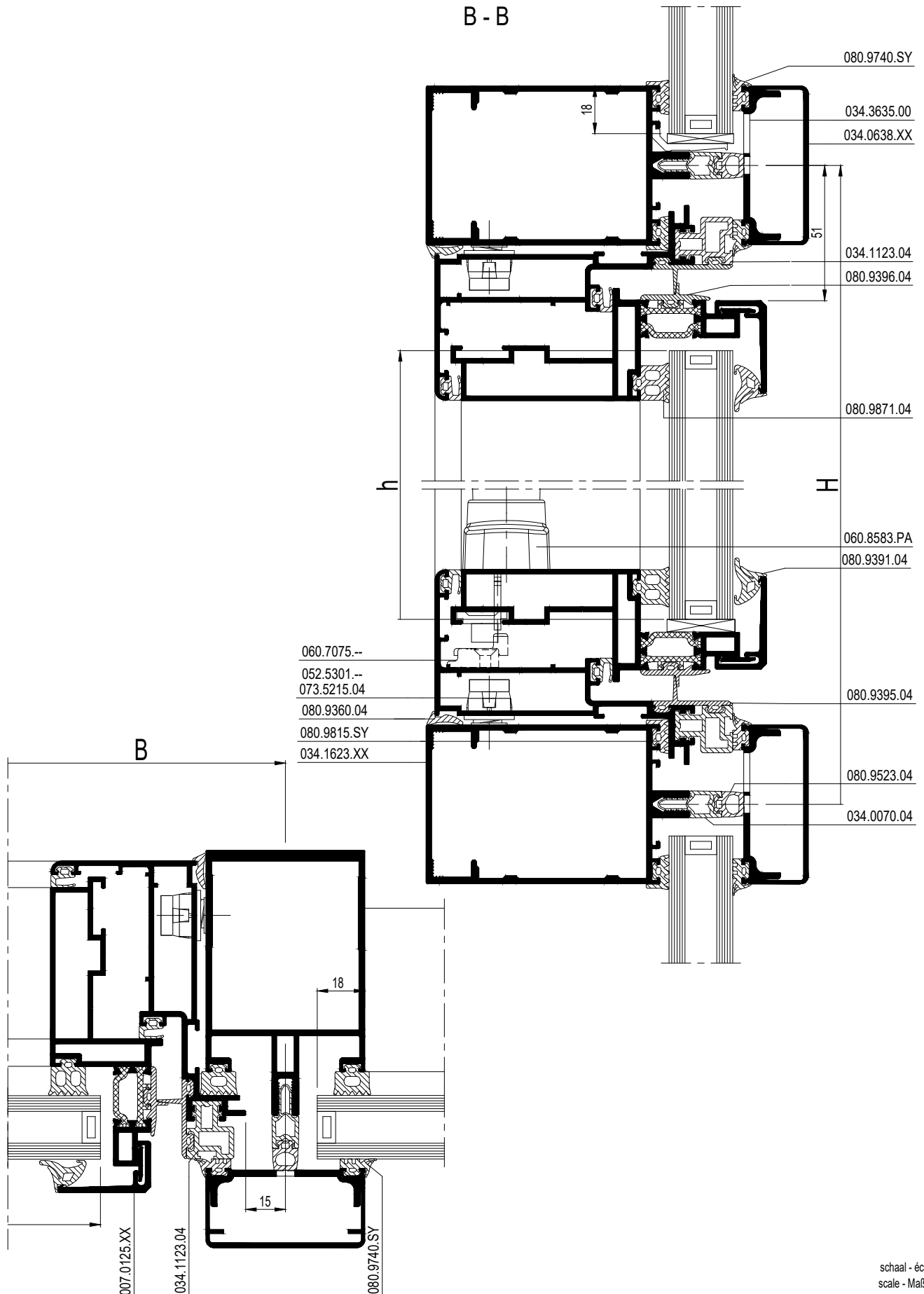
			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0157.XX			2	B - 92.5	52.C. ...
			2	H - 92.5	
034.1123.04			2	B - 38.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...
007.0125.XX			-	52.F. ...	52.C. ...

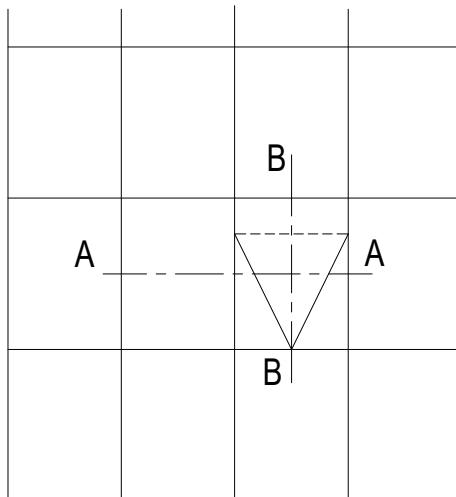
		#	
068.7560.00		4	52.G. ...
068.7561.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9871.04		(2xH)+(2xB)-240	52.G. ...
080.9395.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9110.04		(2xH)+(2xB)-500	52.G. ...
080.9391.04		(2xH)+(2xB)-500	52.G. ...



schaal - échelle
scale - Maßstab
1/2

D0077158

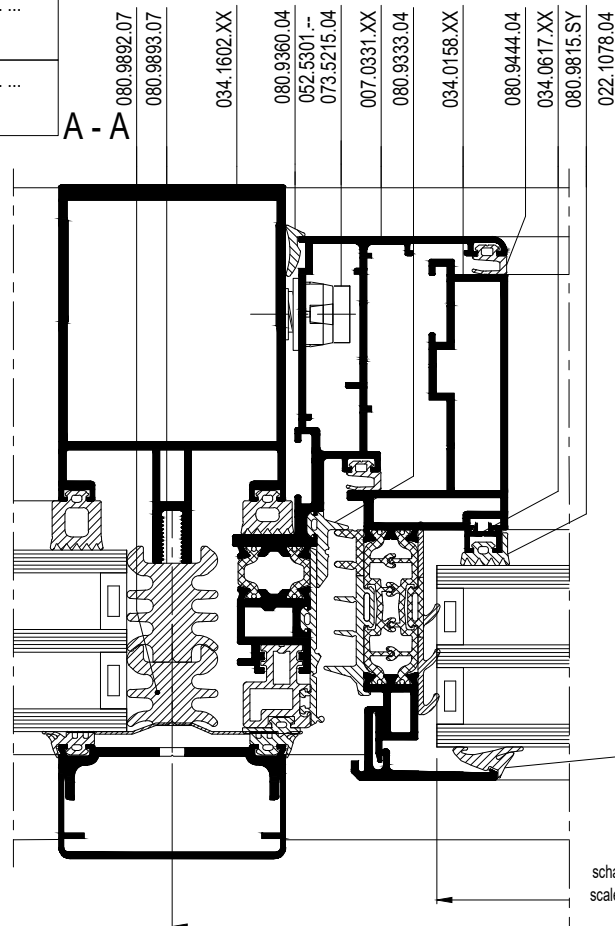
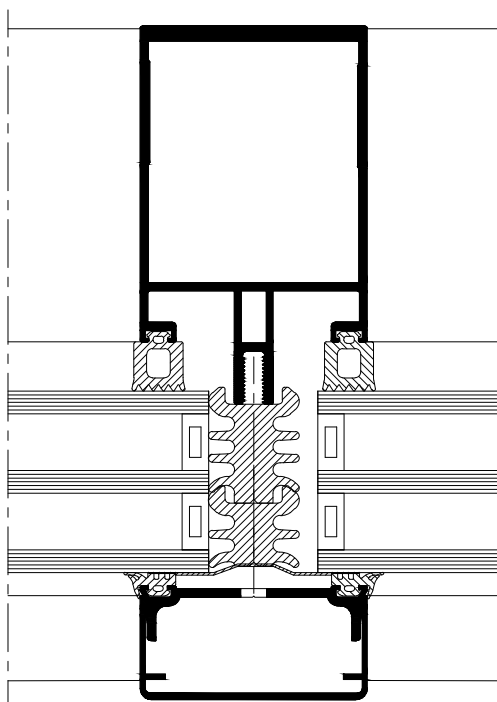




b = B - 140
h = H - 140

			#	Lm	
007.0331.XX			2	B-22	52.C. ...
			2	H-22	
034.0158.XX			2	B-82.5	52.C. ...
			2	H-82.5	52.C. ...
034.1123.04			2	B-27.5	52.C. ...
			2	H-27.5	
001.0075.17			-	52.F. ...	52.C. ...
007.0126.XX			2	B-85	52.C. ...
			2	H-85	
034.0617.XX			2	B-145	52.C. ...
			2	H-164	

		#	
068.7562.00		4	52.G. ...
068.8159.00		4	52.G. ...
068.7561.00		4	52.G. ...
060.7722.--		4	52.G. ...
068.6505.--		4	52.G. ...
068.7563.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
060.8583.PA		1	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9490.04		4	52.G. ...
080.9885.04		4	52.G. ...
073.7000.00		4	52.G. ...



schaal - échelle
scale - Maßstab
1/2

D0091539

		#	
---	---	---	---

(*) of/ou/or/oder

021.5650.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

021.5660.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

060.8370.--		1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...
060.7179.--		1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...

080.9815.SY

034.1623.XX

034.1123.04

034.0638.XX

034.0638.00

007.0126.XX

080.9405.04

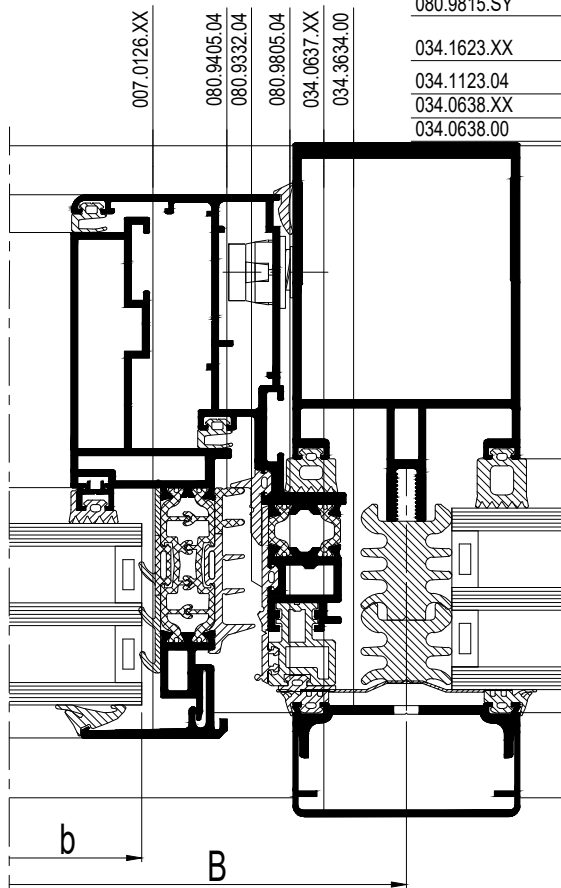
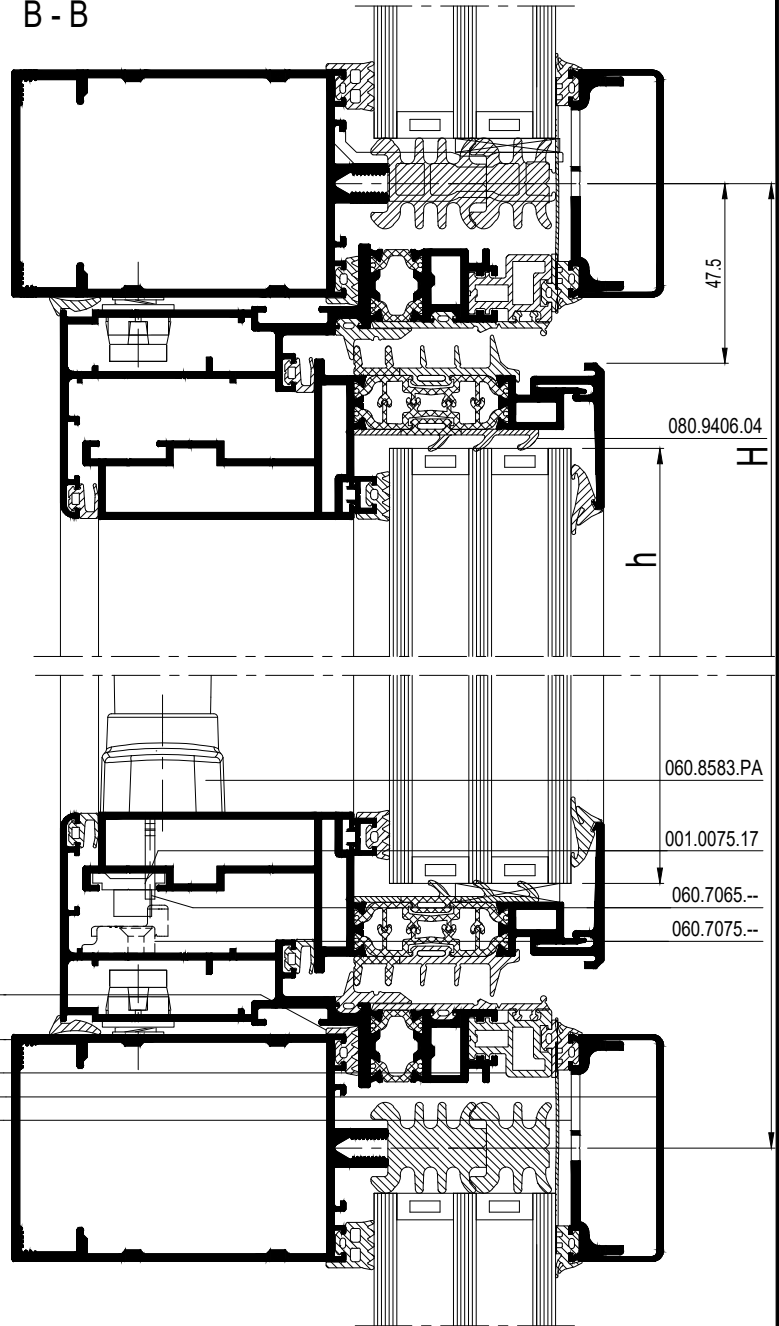
080.9332.04

080.9805.04

034.0637.XX

034.3634.00

B - B

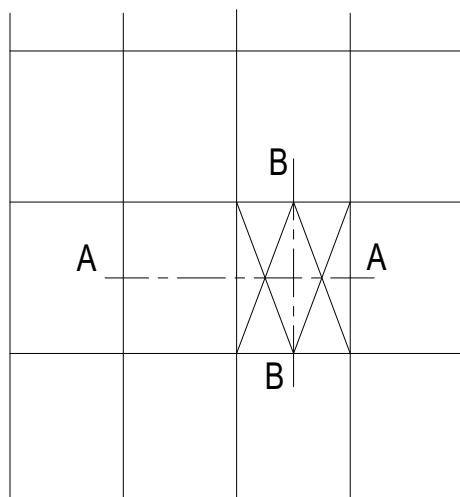


		#	
080.9815.SY		(2xH)+(2xB)-580	52.G. ...
080.9333.04		(2xH)+(2xB)-200	52.G. ...
080.9332.04		(2xH)+(2xB)-200	52.G. ...
080.9405.04		(2xH)+(2xB)-300	52.G. ...
022.1078.04		(2xH)+(2xB)-540	52.G. ...
080.9444.04		(4xH)+(4xB)-920	52.G. ...
080.9360.04		(2xH)+(2xB)-200	52.G. ...
080.9805.04		(2xH)+(2xB)-100	52.G. ...
080.9406.04		(2xH)+(2xB)-450	52.G. ...

schaal - échelle
scale - Maßstab
1/2

E

D0091539

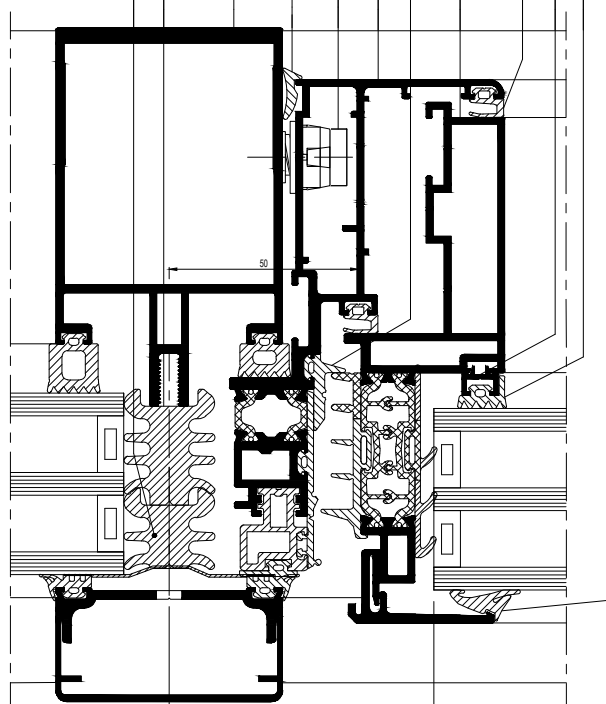
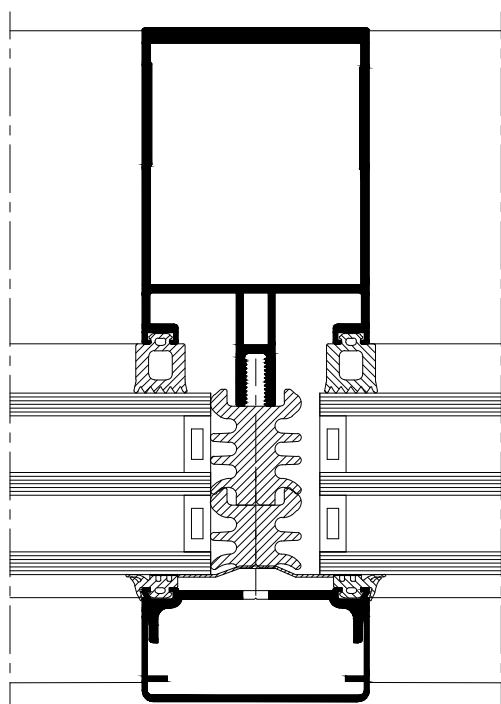


b = B - 140
h = H - 140

			#	Lm	
007.0331.XX			2	B-32	52.C. ...
			2	H-32	
034.0158.XX			2	B-92.5	52.C. ...
			2	H-92.5	52.C. ...
034.1123.04			2	B-37.5	52.C. ...
			2	H-37.5	
001.0075.17			-	52.F. ...	52.C. ...
007.0126.XX			2	B-95	52.C. ...
			2	H-95	
034.0617.XX			2	B-155	52.C. ...
			2	H-174	

		#	
068.7562.00		4	52.G. ...
068.8159.00		4	52.G. ...
068.7561.00		4	52.G. ...
060.7722.--		4	52.G. ...
068.6505.--		4	52.G. ...
068.7563.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9490.04		4	52.G. ...
080.9885.04		4	52.G. ...
073.7000.00		4	52.G. ...

A - A

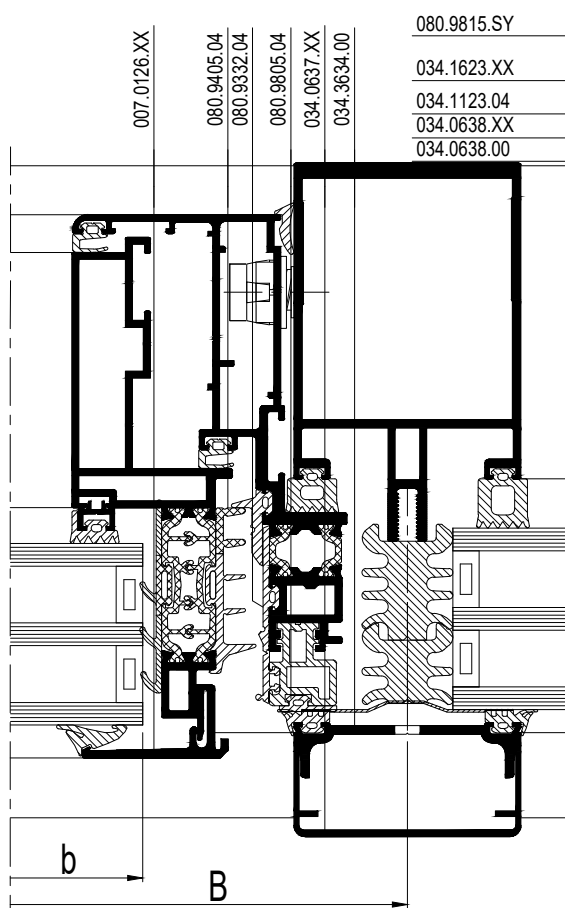
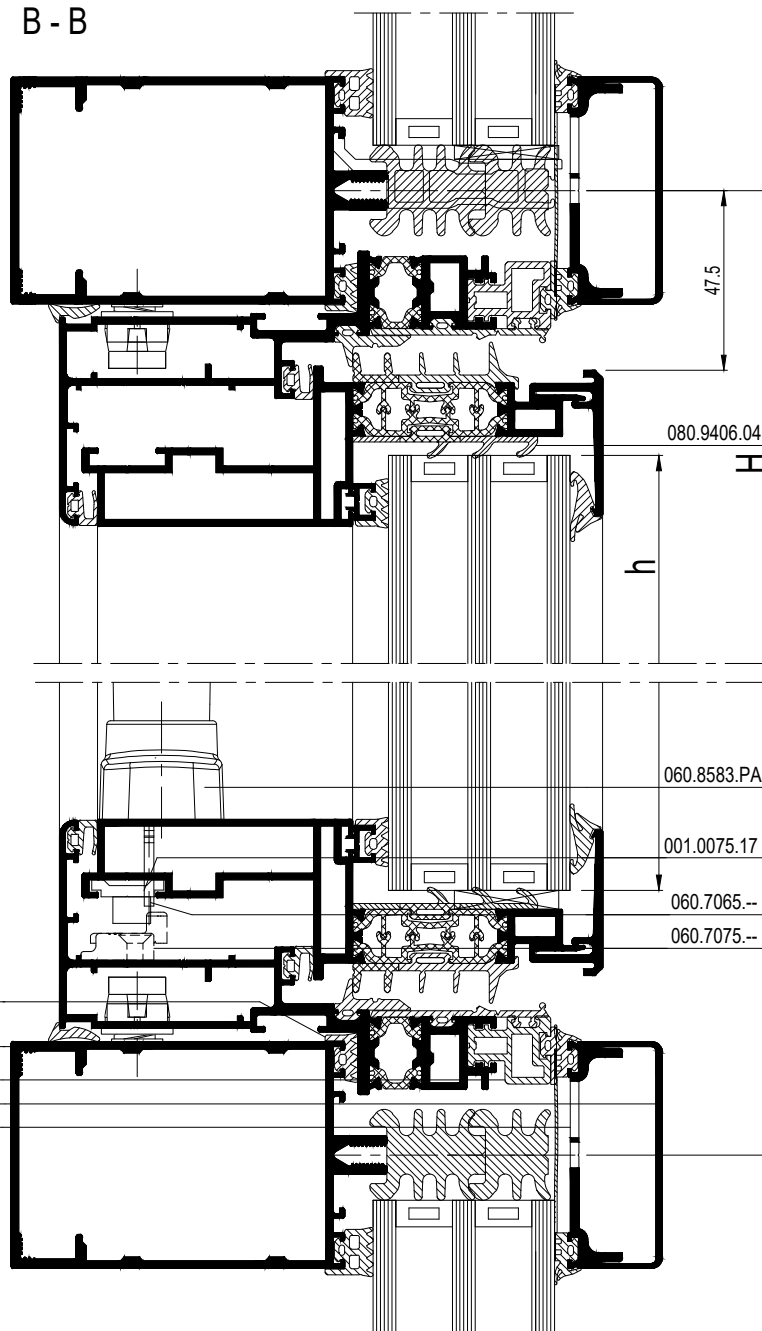


schaal - échelle
scale - Maßstab
1/2

D0091540

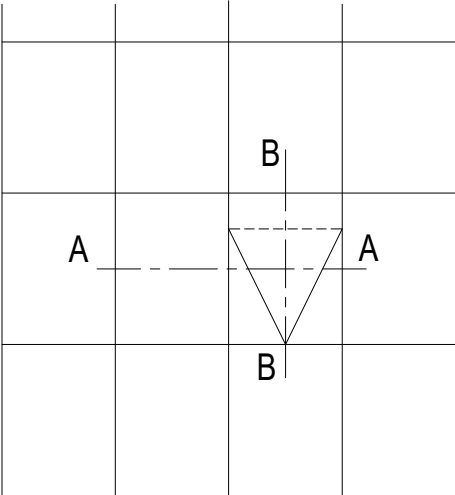
		#	
080.9815.SY		(2xH)+(2xB)-580	52.G. ...
080.9333.04		(2xH)+(2xB)-200	52.G. ...
080.9332.04		(2xH)+(2xB)-200	52.G. ...
080.9405.04		(2xH)+(2xB)-300	52.G. ...
022.1078.04		(2xH)+(2xB)-540	52.G. ...
080.9444.04		(4xH)+(4xB)-920	52.G. ...
080.9360.04		(2xH)+(2xB)-200	52.G. ...
080.9805.04		(2xH)+(2xB)-100	52.G. ...
080.9406.04		(2xH)+(2xB)-450	52.G. ...

B - B



schaal - échelle
scale - Maßstab
1/2

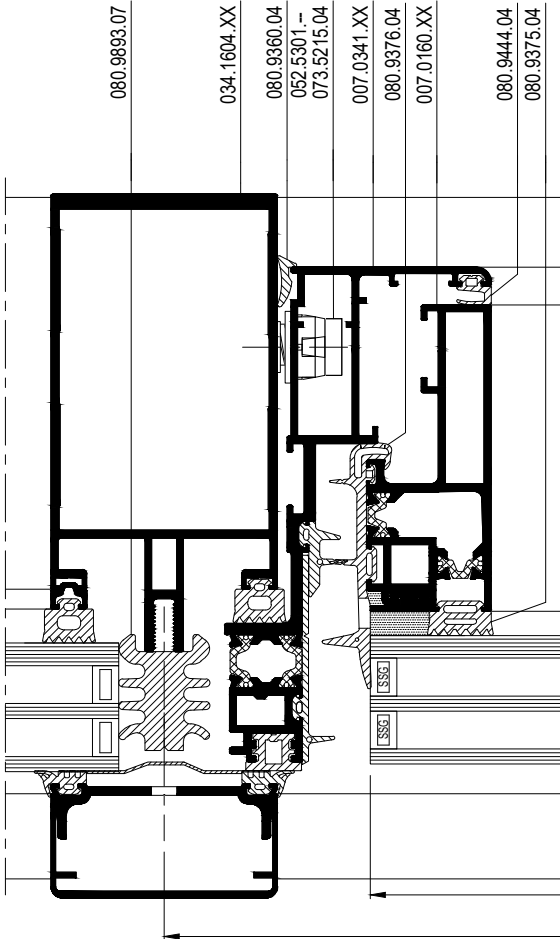
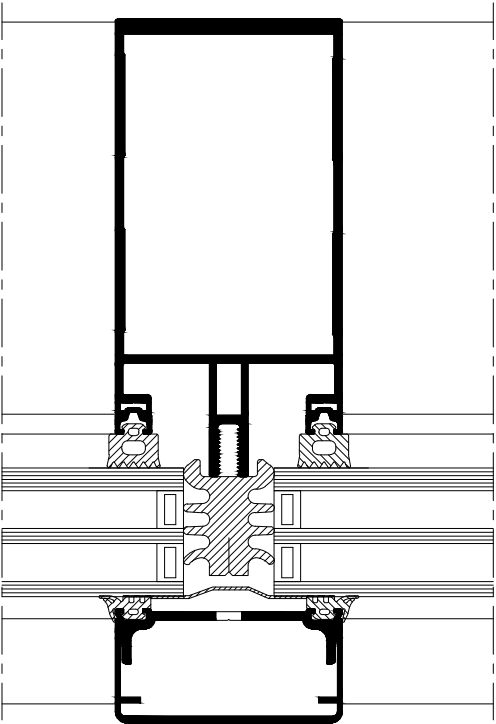
D0091540



b = B - 109
h = H - 109

			#	Lm	
007.0341.XX			2	B-32	52.C. ...
			2	H-32	
007.0160.XX 007.0161.17			2	B-107	52.C. ...
			2	H-107	52.C. ...
034.0164.04			2	B-43	52.C. ...
			2	H-43	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7562.00		4	52.G. ...
068.8159.00		4	52.G. ...
068.6405.00		4	52.G. ...
068.6414.00		4	52.G. ...
060.7722.--		4	52.G. ...
073.7282.39		2	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
060.8583.PA		1	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9490.04		4	52.G. ...
080.9885.04		4	52.G. ...
073.7000.00		4	52.G. ...



schaal - échelle
scale - Maßstab
1/2

D0091543

		#	
---	---	---	---

(*) of/ou/or/oder

021.5650.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

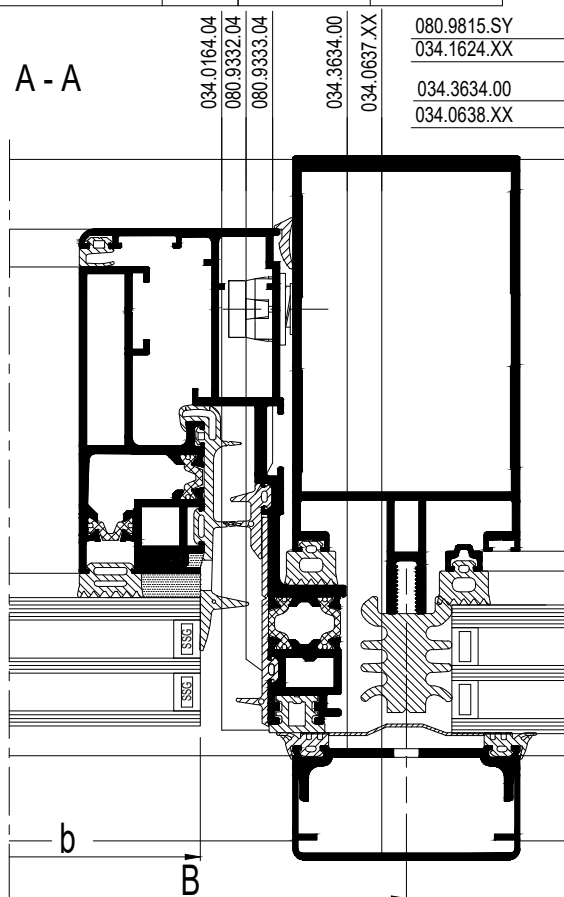
(*) of/ou/or/oder

021.5660.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

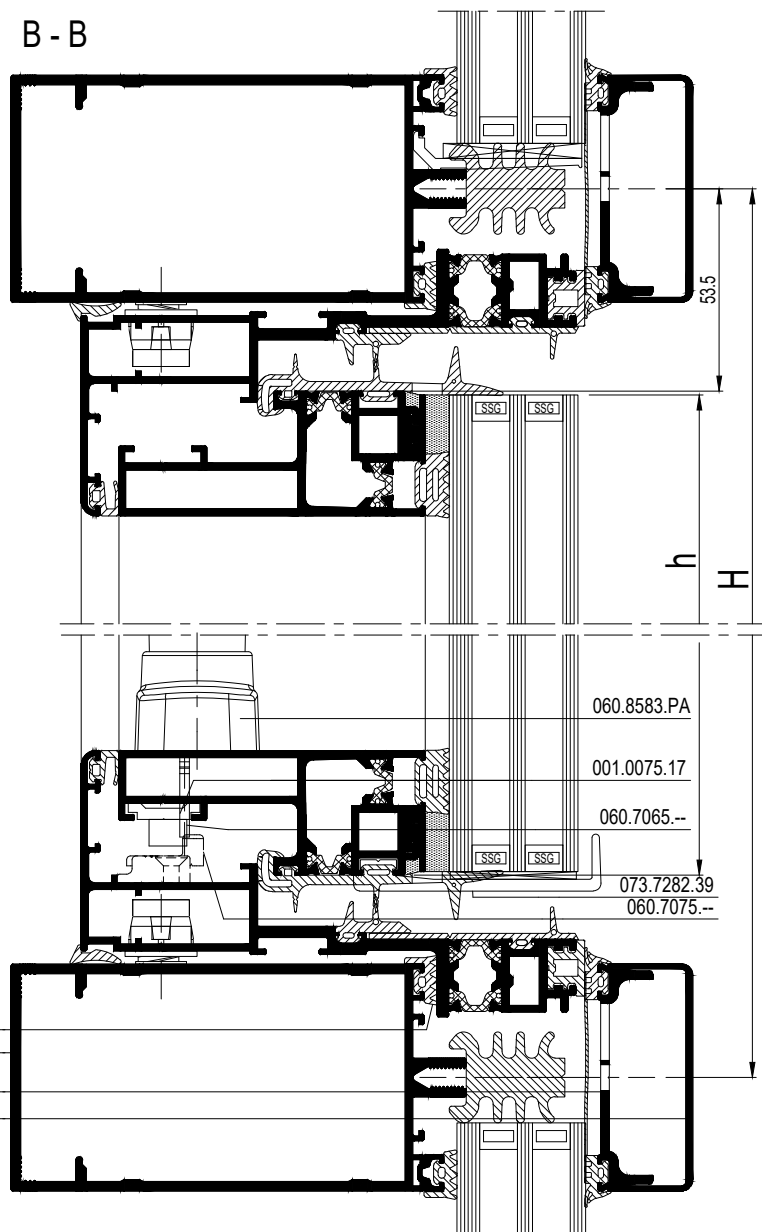
(*) of/ou/or/oder

060.8370.--		1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...
060.7179.--		1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...

A - A

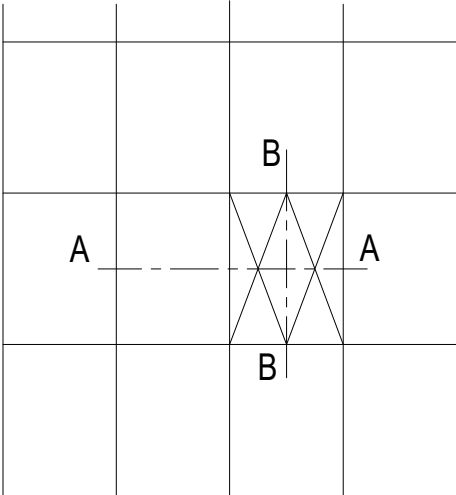


B - B



		#	
080.9333.04		(2xH)+(2xB)-230	52.G. ...
080.9332.04		(2xH)+(2xB)-230	52.G. ...
080.9376.04		(2xH)+(2xB)-280	52.G. ...
080.9444.04		(2xH)+(2xB)-560	52.G. ...
080.9360.04		(2xH)+(2xB)-180	52.G. ...
080.9375.04		(2xH)+(2xB)-500	52.G. ...

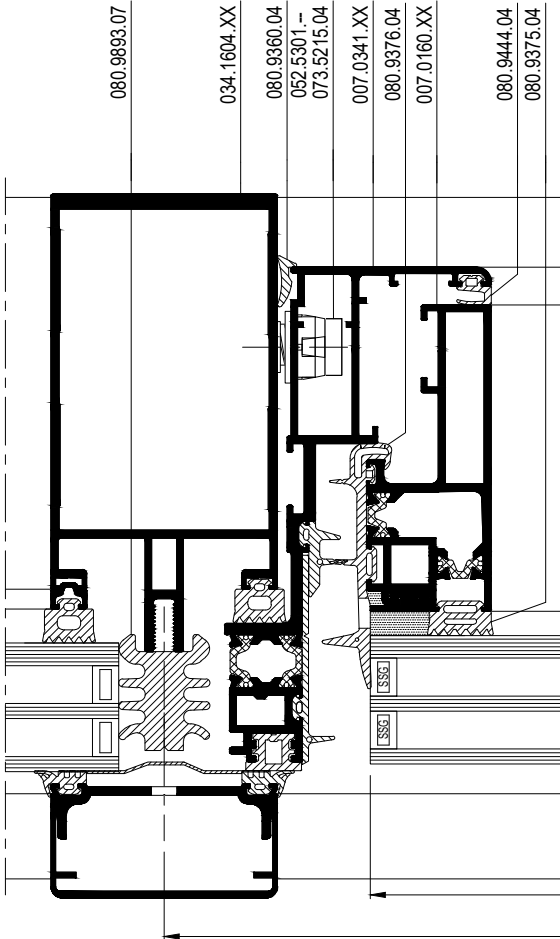
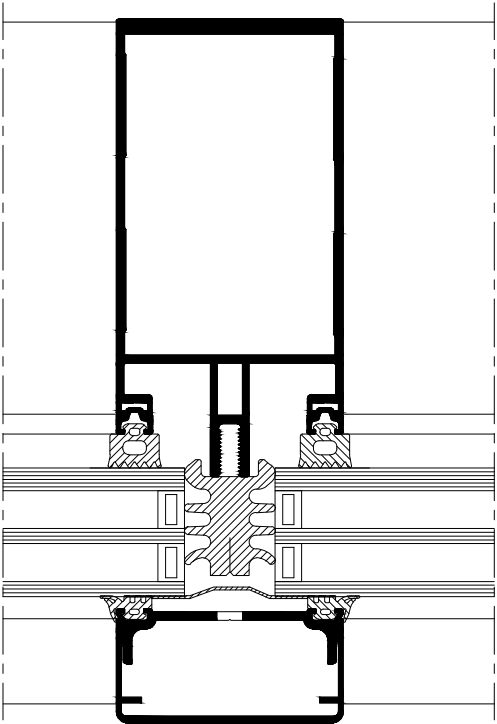
schaal - échelle
scale - Maßstab
1/2



b = B - 109
h = H - 109

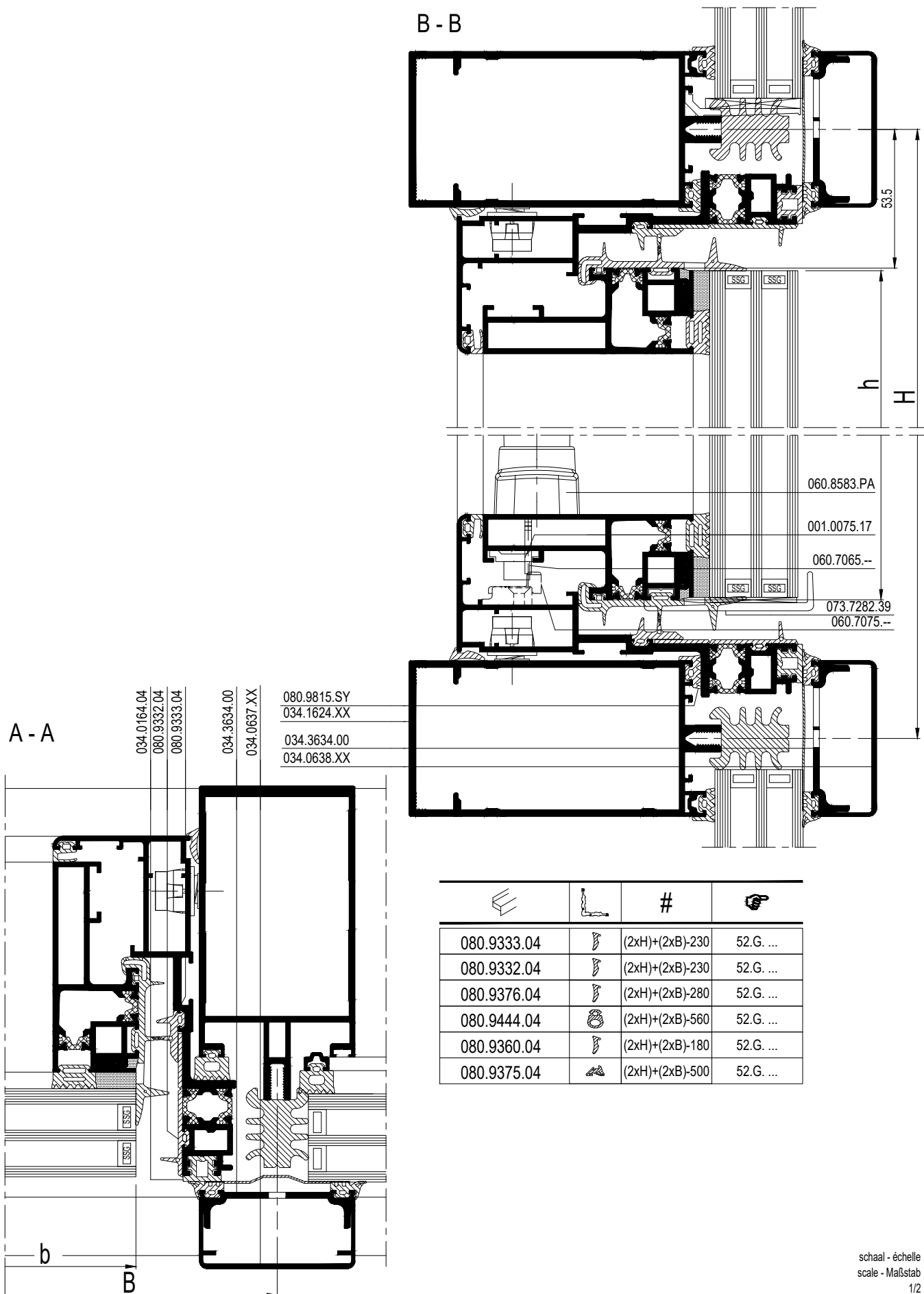
			#	Lm	
007.0341.XX			2	B-32	52.C. ...
			2	H-32	
007.0160.XX			2	B-107	52.C. ...
007.0161.17			2	H-107	52.C. ...
034.0164.04			2	B-43	52.C. ...
			2	H-43	
001.0075.17			-	52.F. ...	52.C. ...

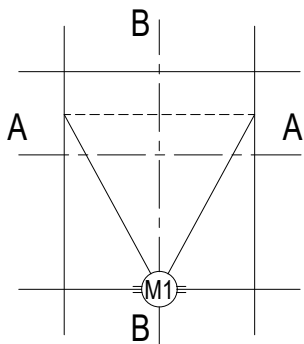
		#	
068.7562.00		4	52.G. ...
068.8159.00		4	52.G. ...
068.6405.00		4	52.G. ...
068.6414.00		4	52.G. ...
060.7722.--		4	52.G. ...
073.7282.39		2	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9490.04		4	52.G. ...
080.9885.04		4	52.G. ...
073.7000.00		4	52.G. ...



schaal - échelle
scale - Maßstab
1/2

D0091544





CW 50
034.1122.XX
034.2120.XX
034.1121.XX

b = B - 93
h = H - 93

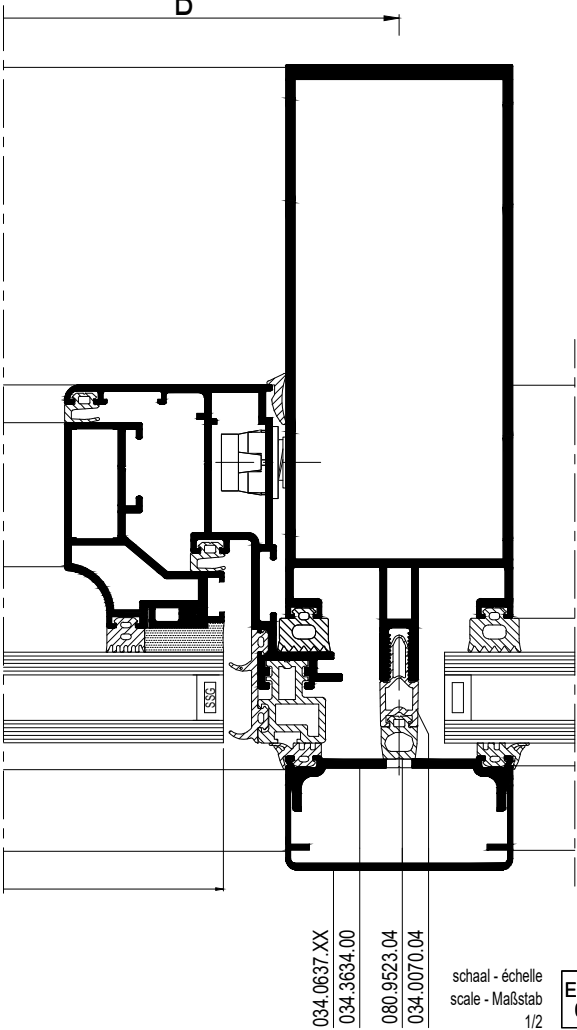
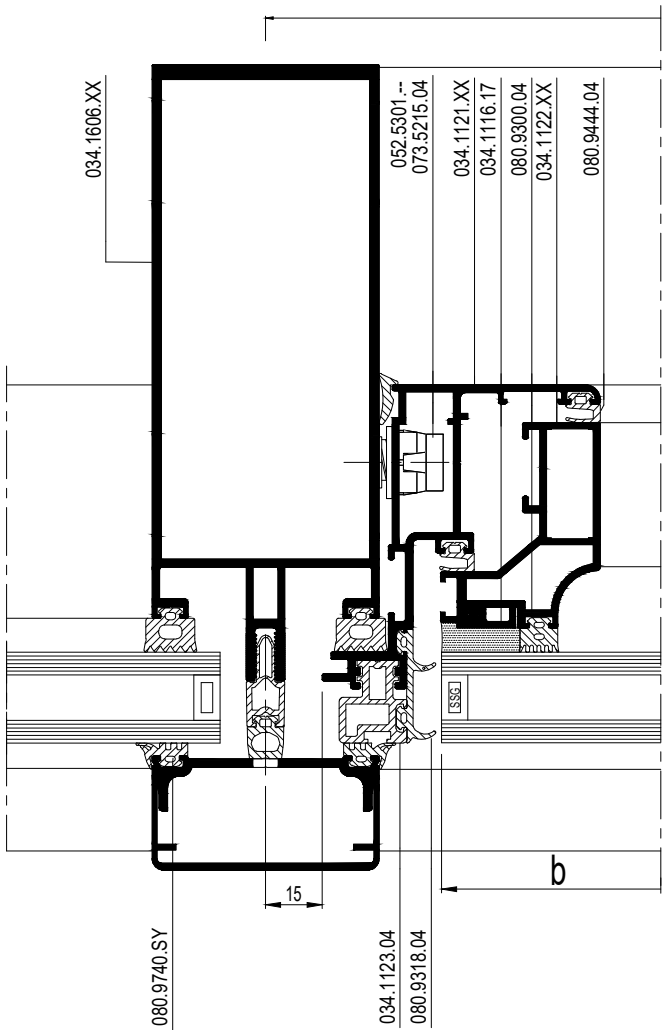
		#	
060.6799.17		1	51.G. ...
060.6798.--		1	51.G. ...
073.8930.--		51.F. ...	51.G. ...
052.5330.--		51.F. ...	51.G. ...
080.9381.04		B-50	51.G. ...

			#		
034.0159.XX			1	B-60	51.C. ...

	MOTOR MOTEUR MOTOR ANTRIEB
--	-------------------------------------

A - A

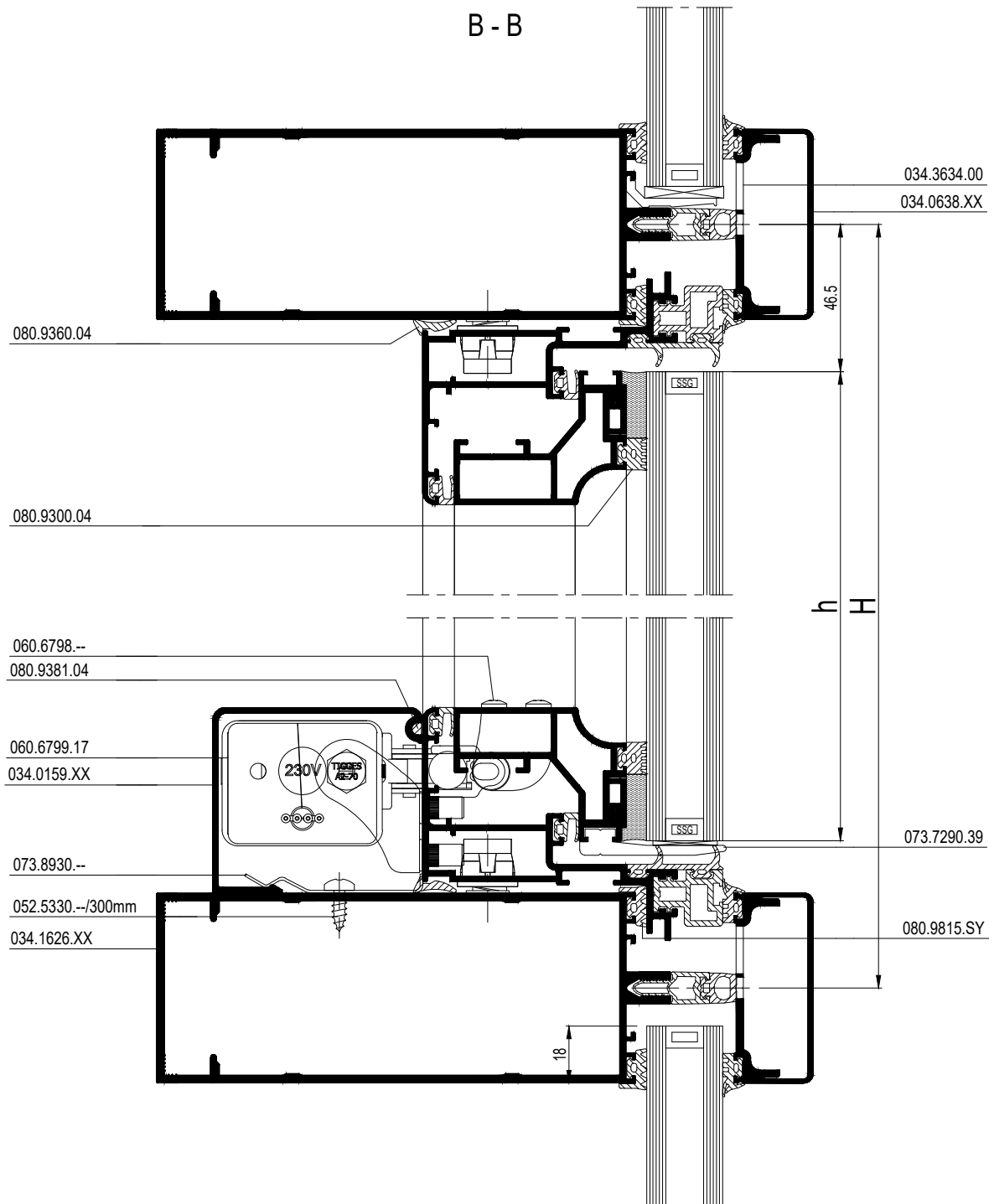
B

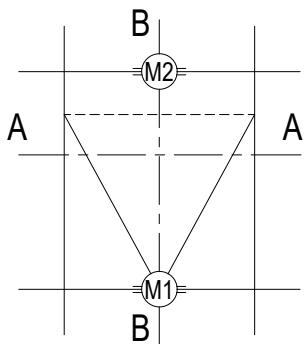


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0083030





CW 50
034.0156.XX
034.0157.XX
034.0155.XX

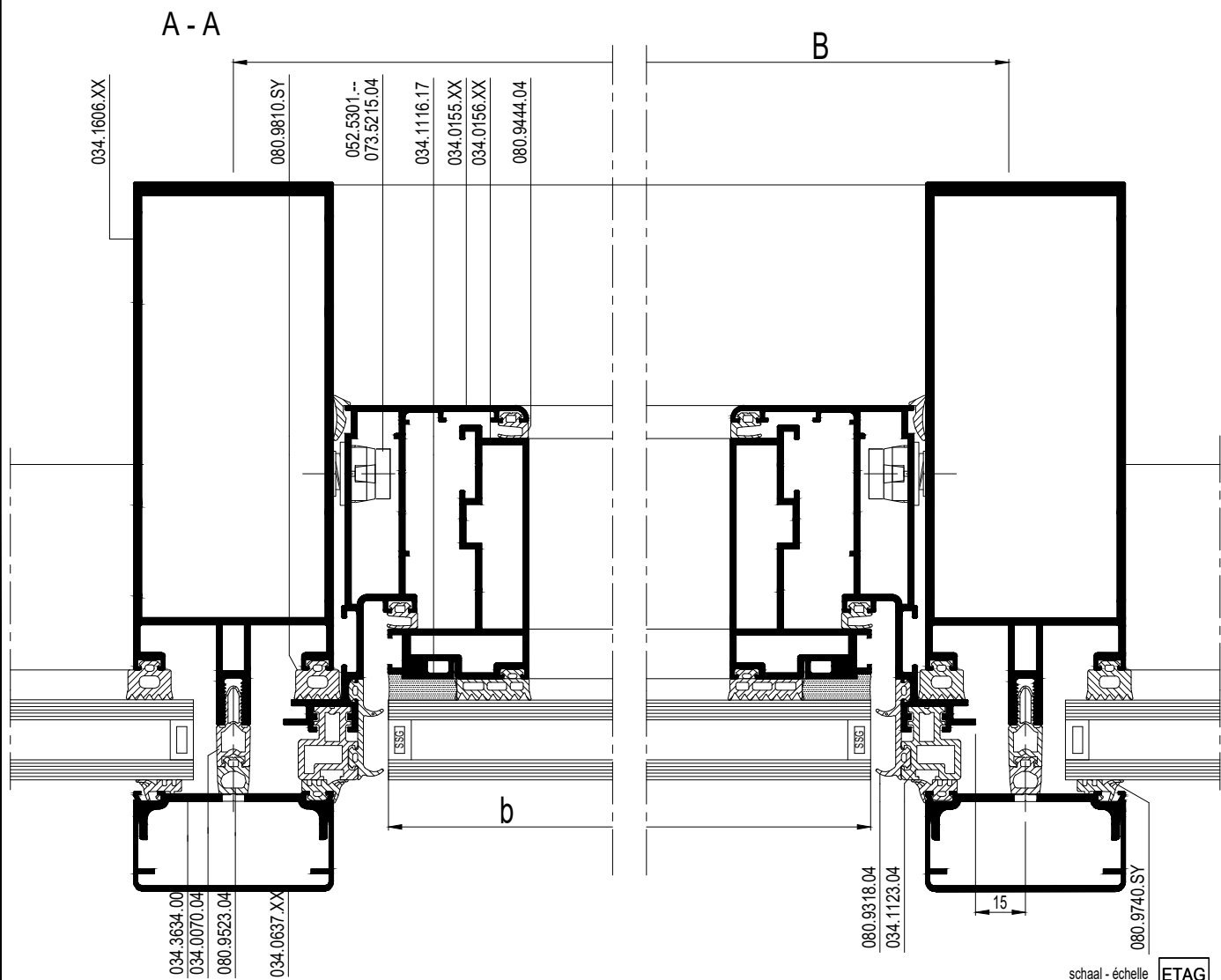
b = B - 93
h = H - 93

		#	
060.6899.--		1	51.G. ...
060.6830.14		1	51.G. ...
060.6827.--		1	51.G. ...
073.8930.--		51.F. ...	51.G. ...
052.5330.--		51.F. ...	51.G. ...
060.7065.--		1	51.G. ...
080.9381.04		2x(B-50)	51.G. ...

			#		
034.0159.XX			2	B-50	51.C. ...
001.0075.17			-	51.F. ...	51.C. ...

M1
MOTOR
MOTEUR
MOTOR
ANTRIEB

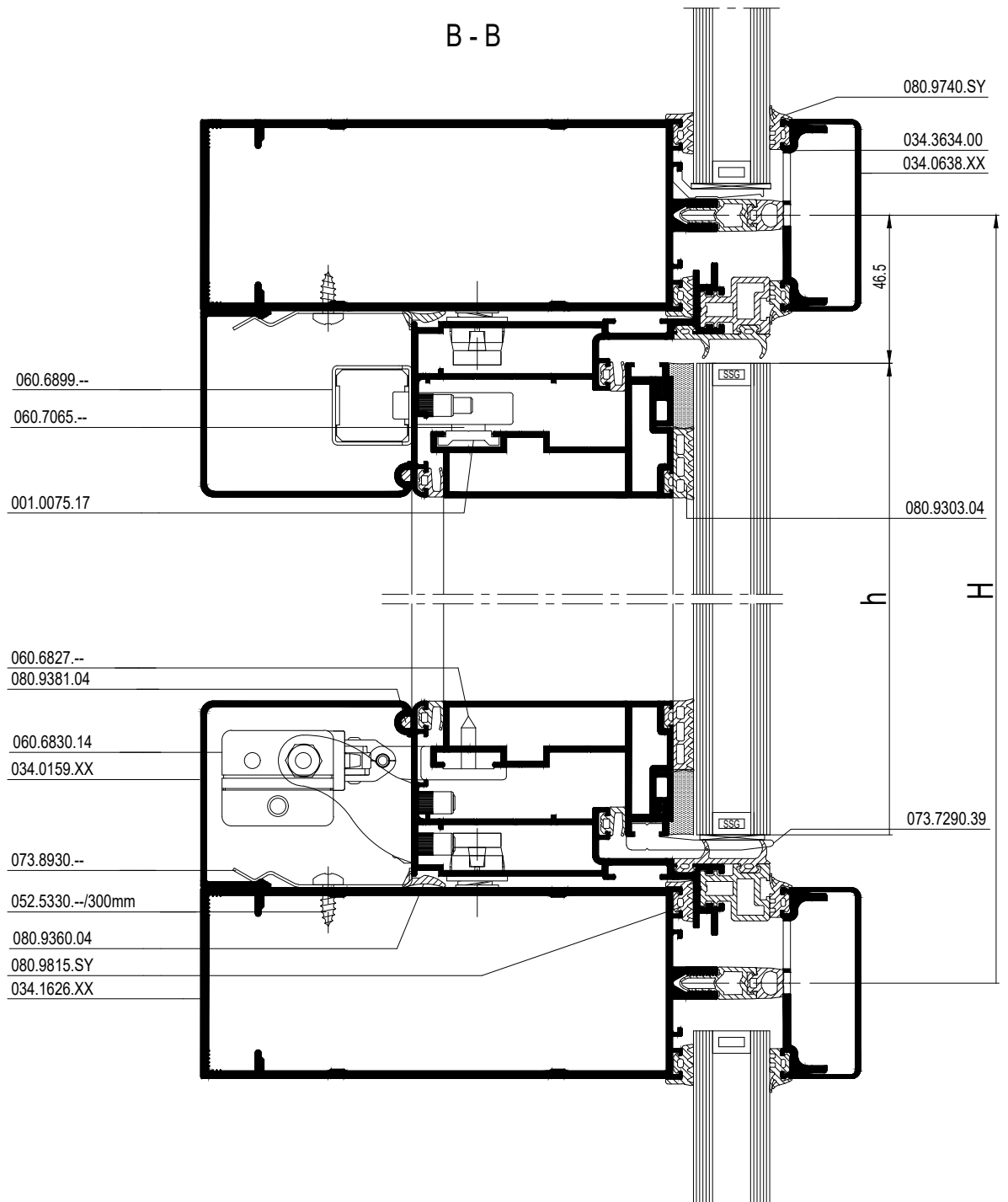
M2
SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB

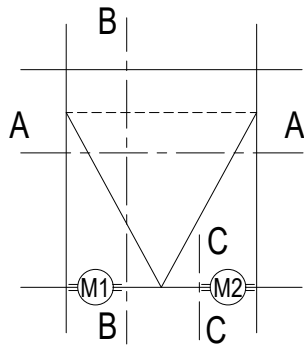


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0083037





CW 50
034.0156.XX
034.0157.XX
034.0155.XX

b = B - 93
h = H - 93

		#	
060.6899.--		1	51.G. ...
060.6830.14		1	51.G. ...
060.6827.--		1	51.G. ...
073.8930.--		51.F. ...	51.G. ...
052.5330.--		51.F. ...	51.G. ...
060.7065.--		1	51.G. ...
080.9381.04		B-50	51.G. ...

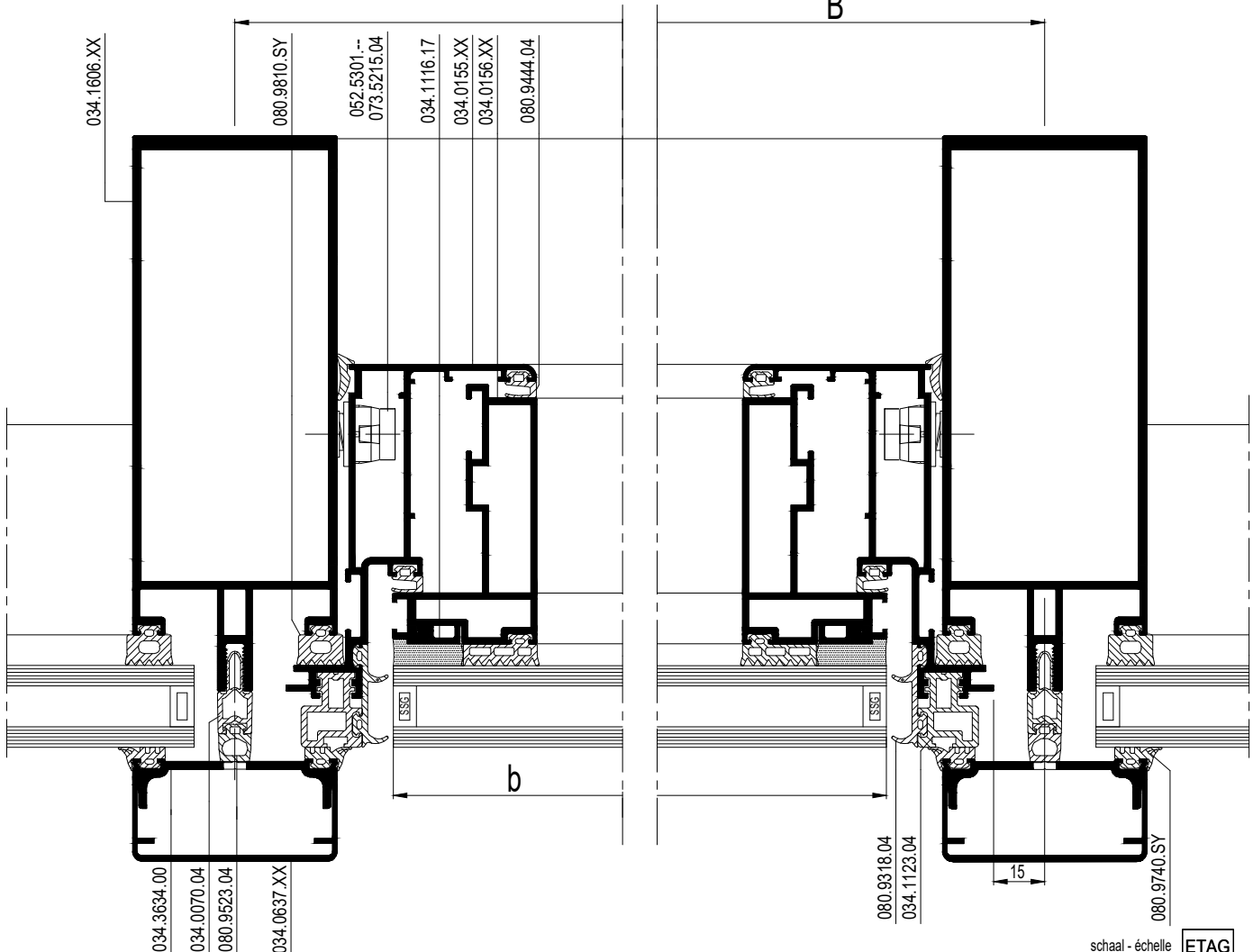
			#		
034.0159.XX			1	B-60	51.C. ...
001.0075.17			-	51.F. ...	51.C. ...

(M1) MOTOR
MOTEUR
MOTOR
ANTRIEB

(M2) SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB

A - A

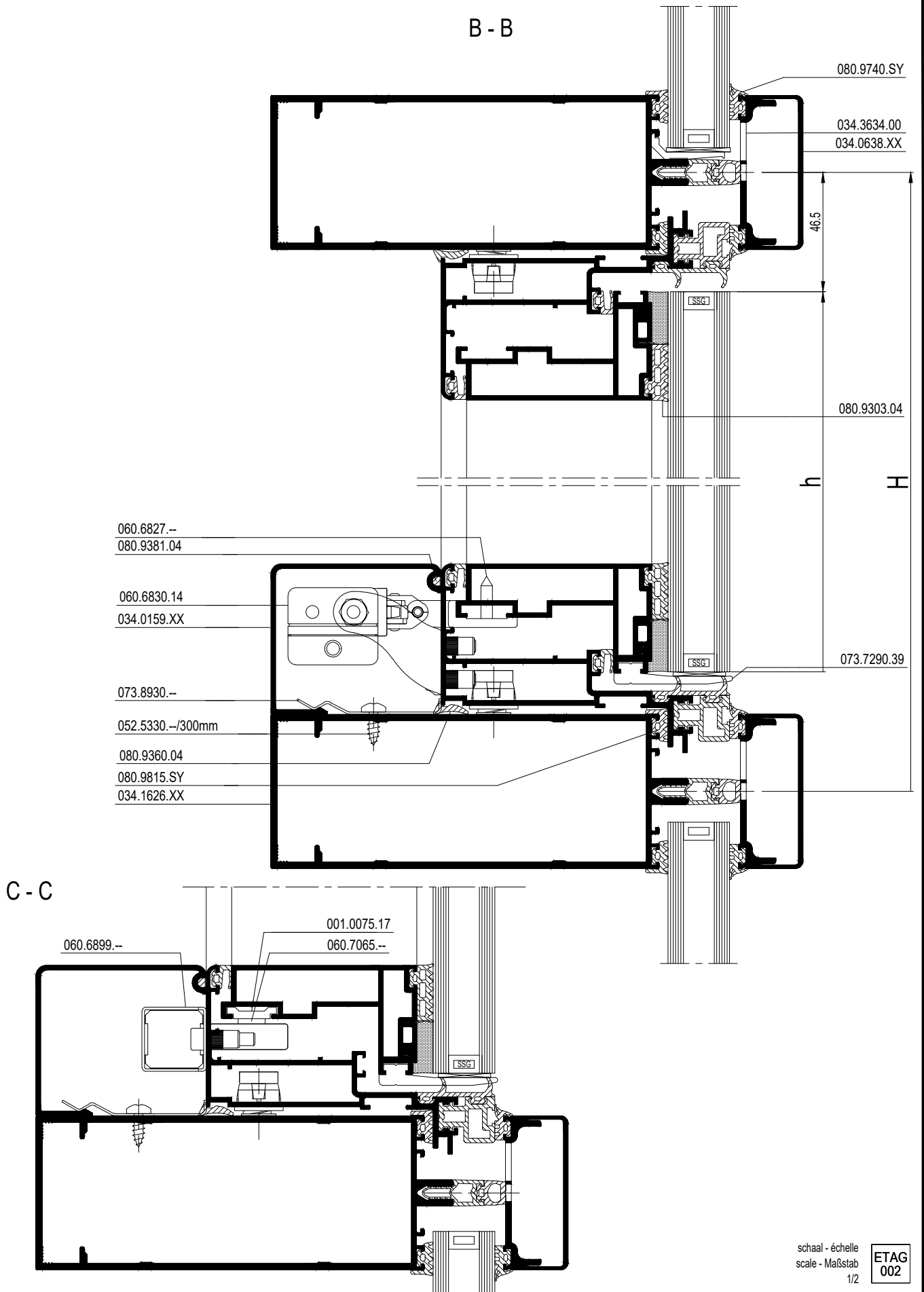
B

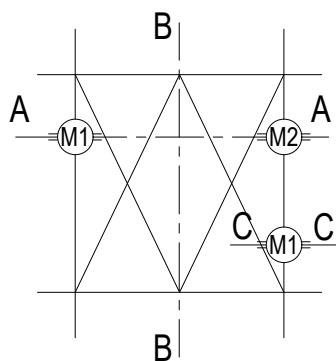


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0063039





CW 50
034.0156.XX
034.0157.XX
034.0155.XX

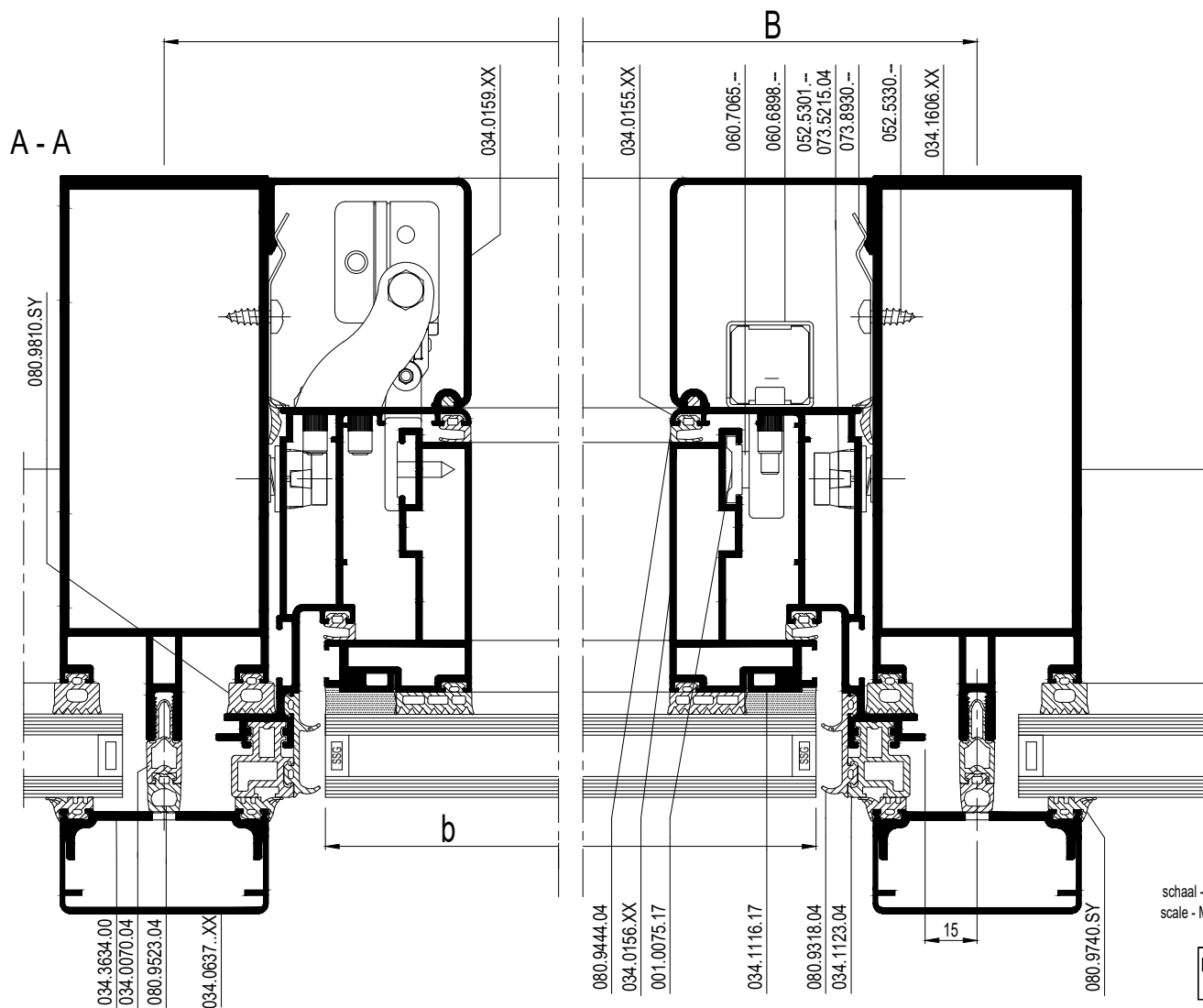
b = B - 93
h = H - 93

		#	
060.6834.14		1	51.G. ...
060.6827.--		2	51.G. ...
060.6898.--		1	51.G. ...
060.6840.--		1	51.G. ...
073.8930.--		51.F. ...	51.G. ...
052.5330.--		51.F. ...	51.G. ...
060.7065.--		1	51.G. ...
080.9381.04		2x(H-50)	51.G. ...

			#		
034.0159.XX			2	H-60	51.C. ...
001.0075.17			-	51.F. ...	51.C. ...

(M1) MOTOR
MOTEUR
MOTOR
ANTRIEB

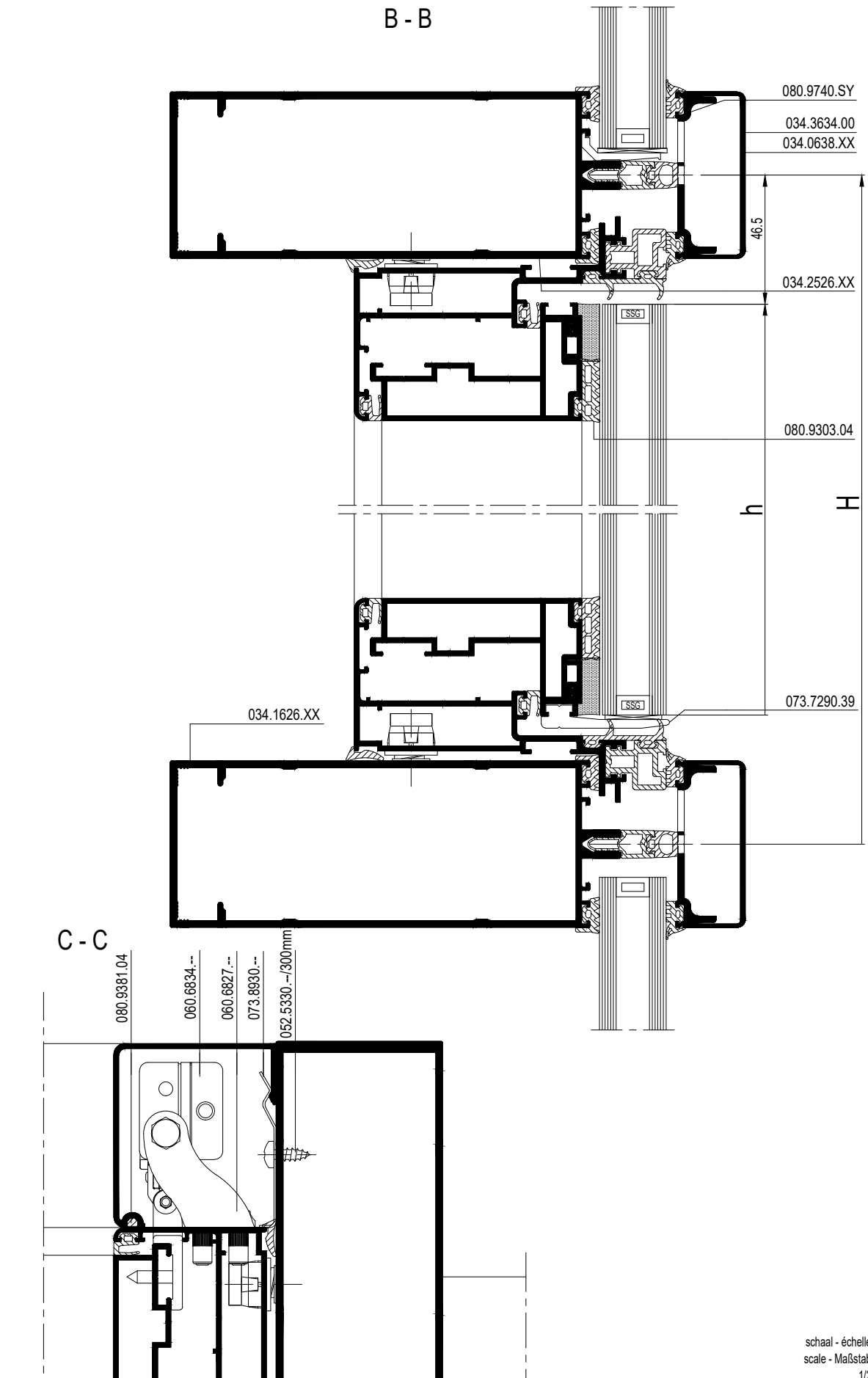
(M2) SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB

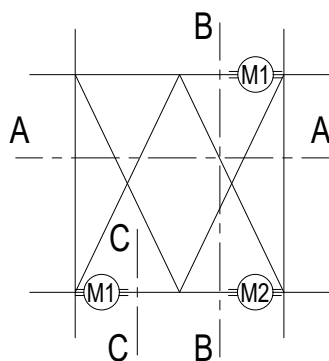


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0083040





CW 50
034.0156.XX
034.0157.XX
034.0155.XX

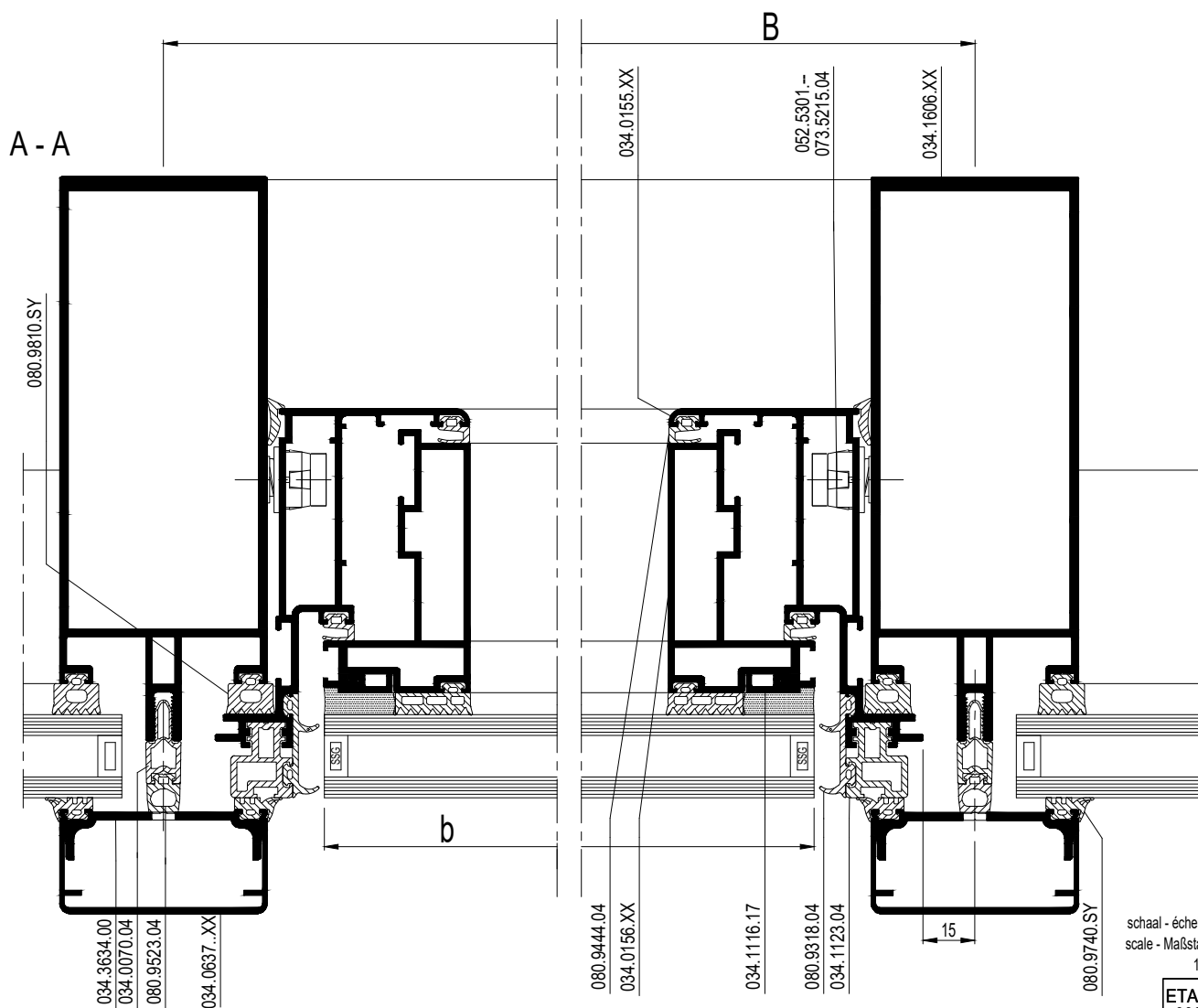
b = B - 93
h = H - 93

		#	
060.6835.14		1	51.G. ...
060.6827.--		2	51.G. ...
060.6898.--		1	51.G. ...
060.6840.--		1	51.G. ...
073.8930.--		51.F. ...	51.G. ...
052.5330.--		51.F. ...	51.G. ...
060.7065.--		1	51.G. ...
080.9381.04		2x(B-50)	51.G. ...

			#	L_m	
034.0159.XX			2	B-60	51.C. ...
001.0075.17			-	51.F. ...	51.C. ...

(M1) MOTOR
MOTEUR
MOTOR
ANTRIEB

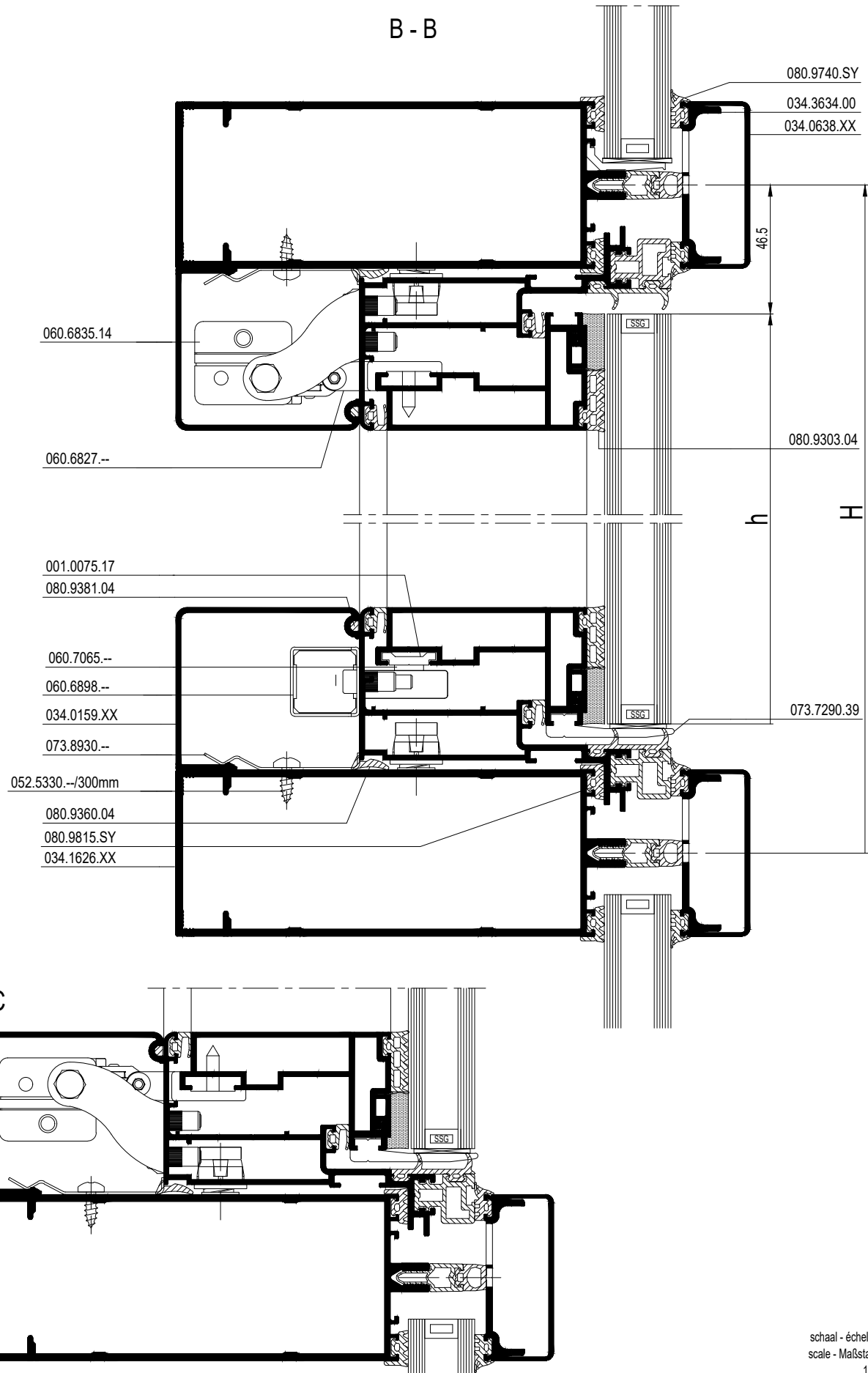
(M2) SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB



schaal - échelle
scale - Maßstab
1/2

ETAG
002

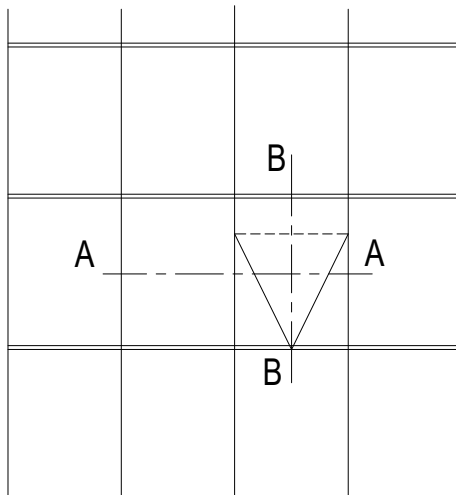
D0083045



schaal - échelle
scale - Maßstab
1/2

ETAG
002

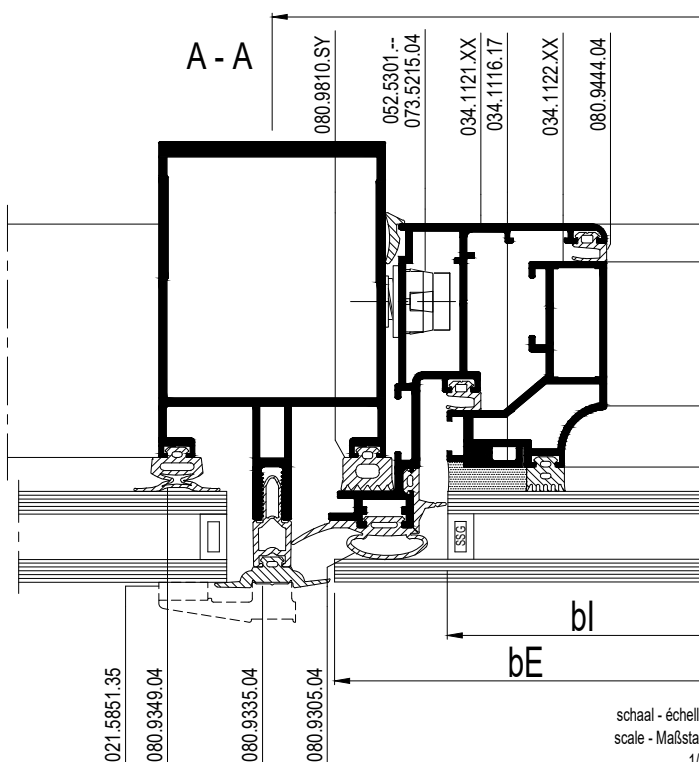
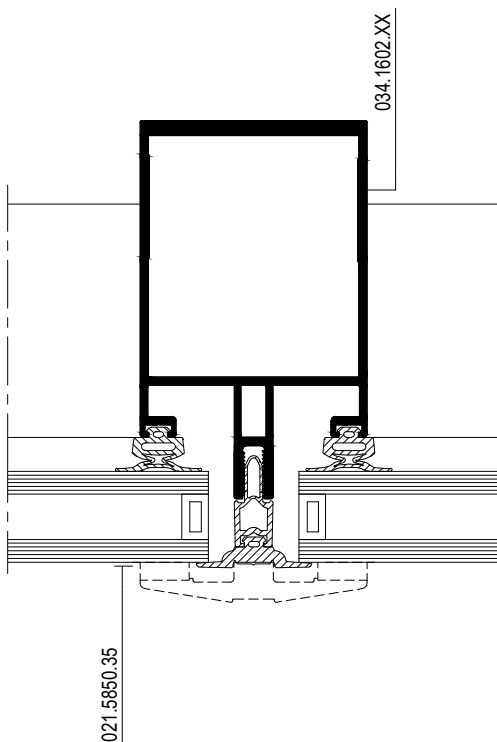
D0083045



bl = B - 93
bE = B - 33
h = H - 93

			#	L_m	
034.1121.XX			2	B - 30	52.C. ...
034.1122.XX			2	H - 30	52.C. ...
034.1116.17			2	B - 92.5	52.C. ...
034.1123.04			2	H - 92.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

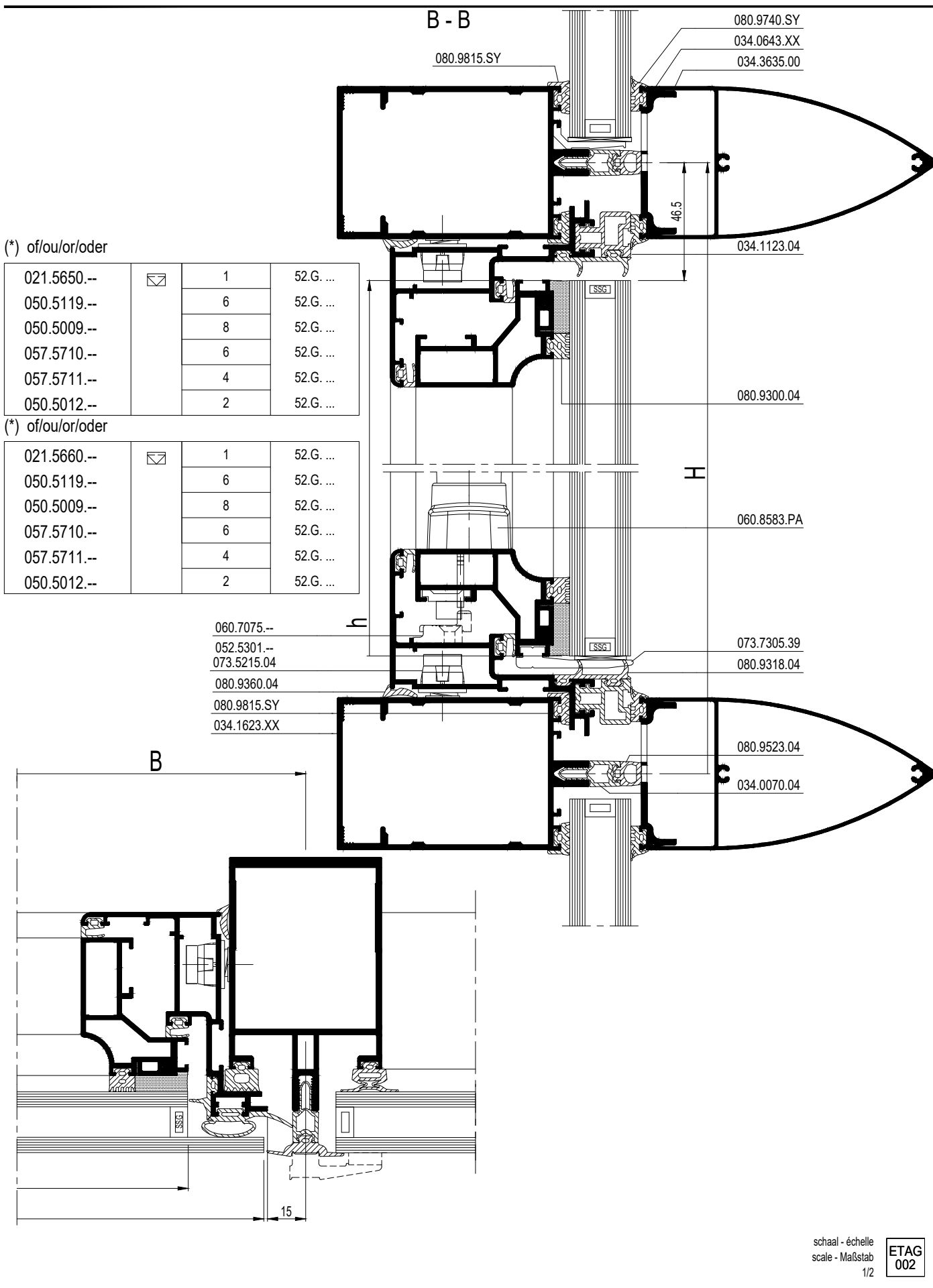
		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
069.7073.01		52.F. ...	52.G. ...
052.5312.--		2x069.7073.01	52.G. ...
073.7290.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9305.04		2 x (H - 10)	52.G. ...
021.5850.35		52.F. ...	52.G. ...
021.5851.35		52.F. ...	52.G. ...

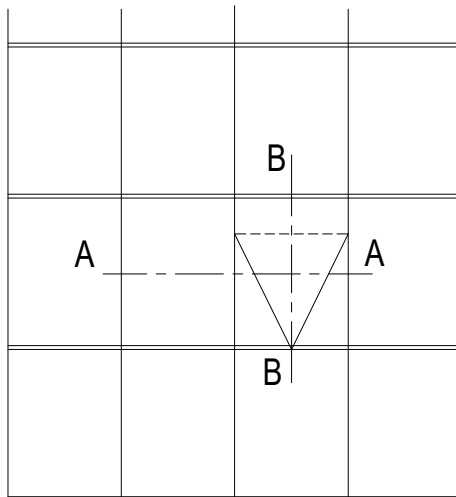


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0077159

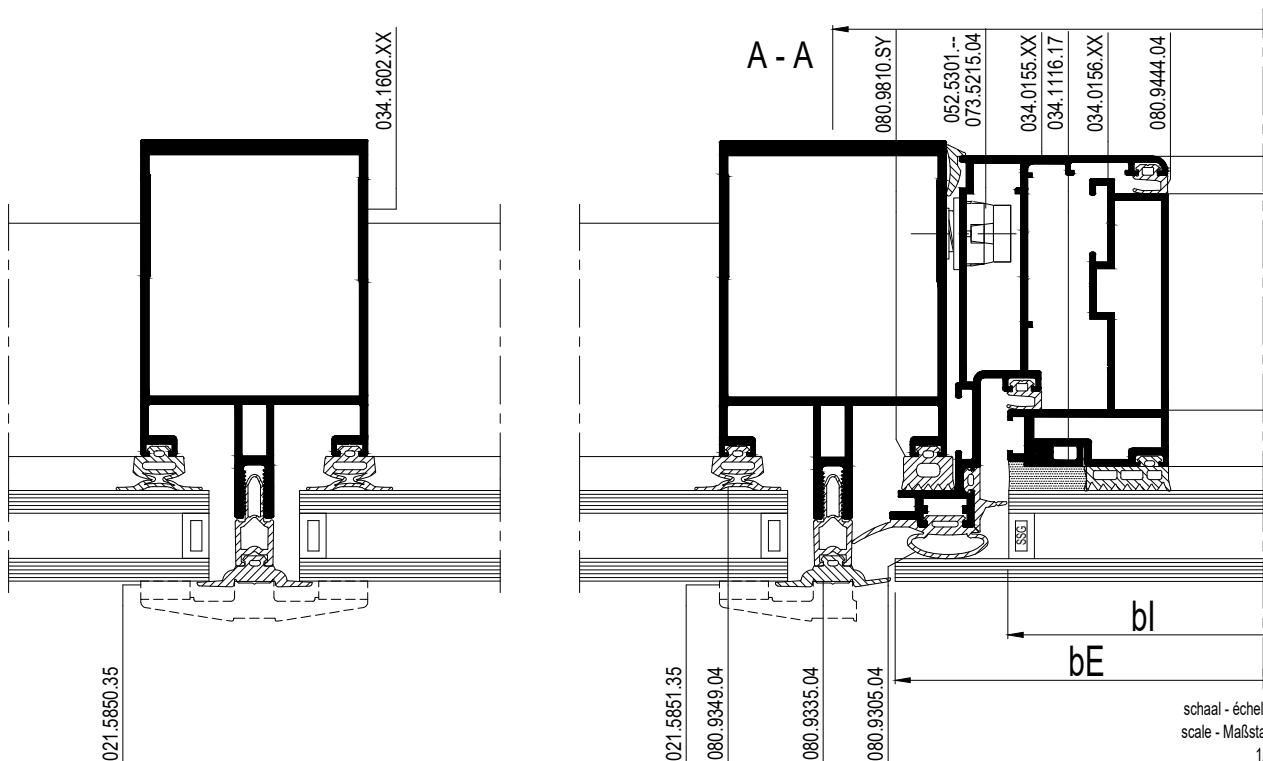





bl = B - 93
bE = B - 33
h = H - 93

			#		
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX 034.1116.17			2	B - 92.5	52.C. ...
			2	H - 92.5	52.C. ...
034.1123.04			2	B - 38.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
073.7290.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9305.04		2 x (H - 10)	52.G. ...
021.5850.35		52.F. ...	52.G. ...
021.5851.35		52.F. ...	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

00077161

		#	
---	---	---	---

(*) of/ou/or/oder

021.5650.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

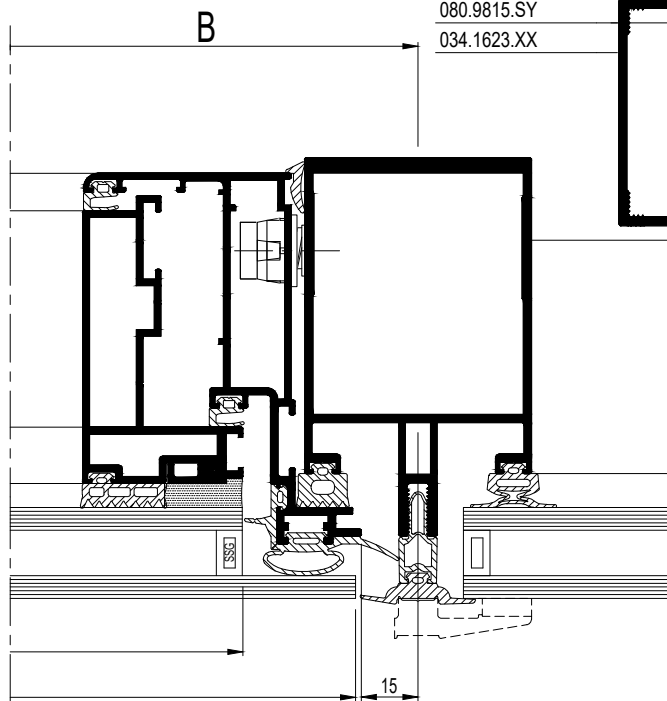
(*) of/ou/or/oder

021.5660.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

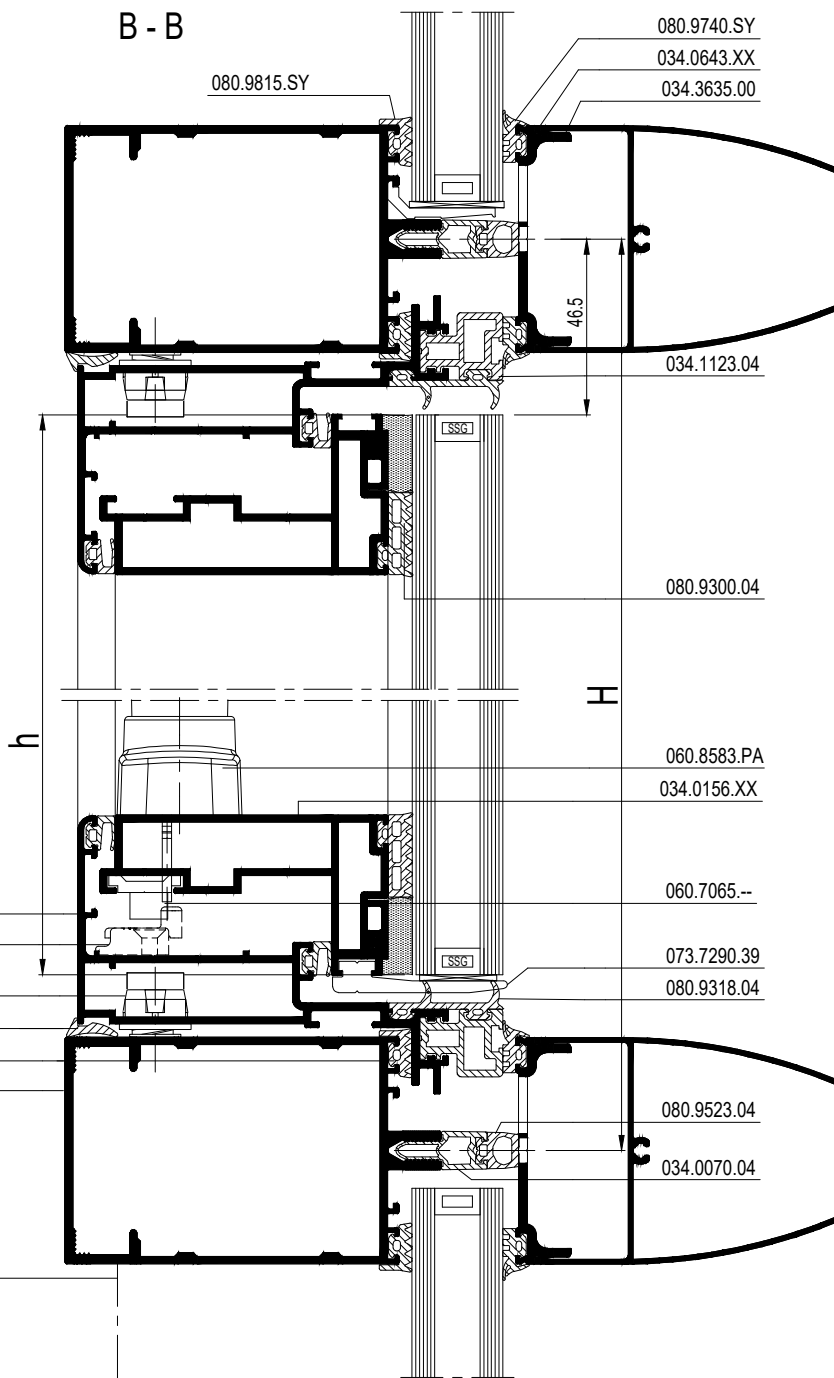
(*) of/ou/or/oder

060.8370.--		1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...
060.7169.--		1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...

034.0155.XX
060.7075.--
052.5301.--
073.5215.04
080.9360.04
080.9815.SY
034.1623.XX



B - B



080.9740.SY
034.0643.XX
034.3635.00

034.1123.04

080.9300.04

060.8583.PA
034.0156.XX

060.7065.--

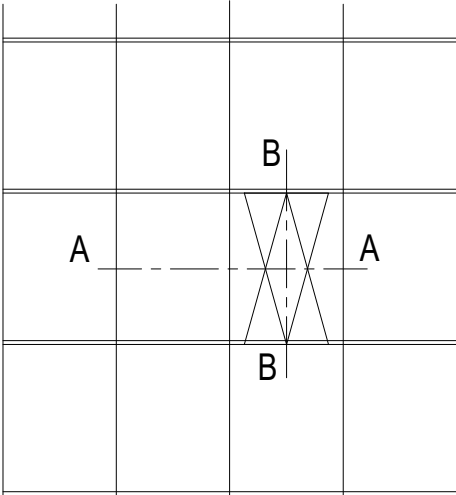
073.7290.39
080.9318.04

080.9523.04
034.0070.04

schaal - échelle
scale - Maßstab
1/2

ETAG
002

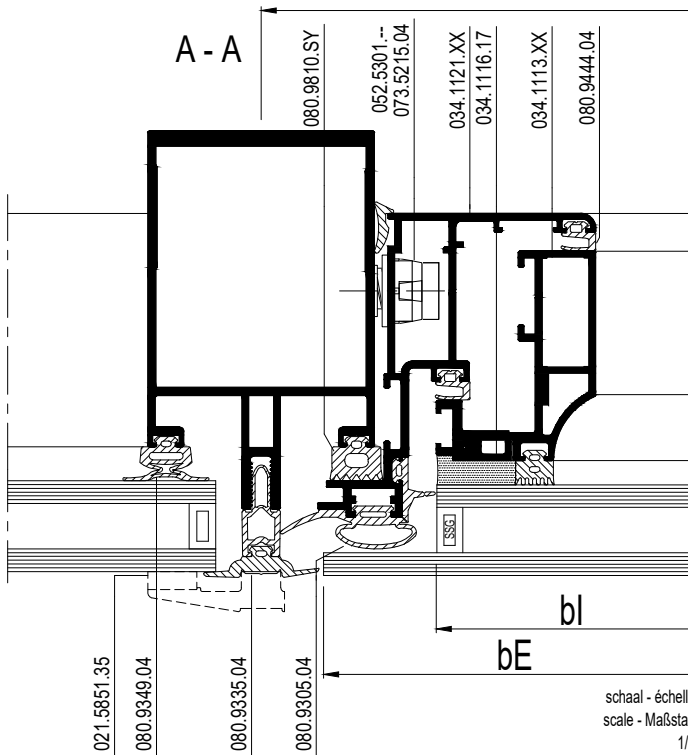
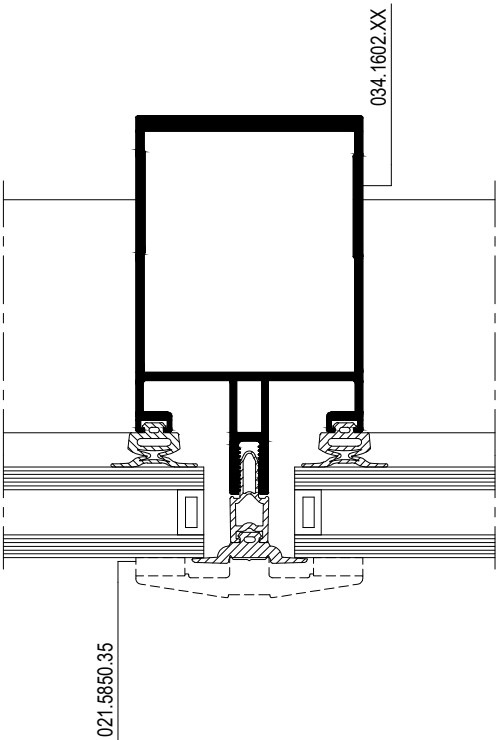
D0077161



bl = B - 93
bE = B - 33
h = H - 93

			#	$\leftarrow L_m \rightarrow$	
034.1121.XX			2	B - 30	52.C. ...
			2	H - 30	
034.1113.XX 034.1116.17			2	B - 92.5	52.C. ...
			2	H - 92.5	52.C. ...
034.1123.04			2	B-38.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

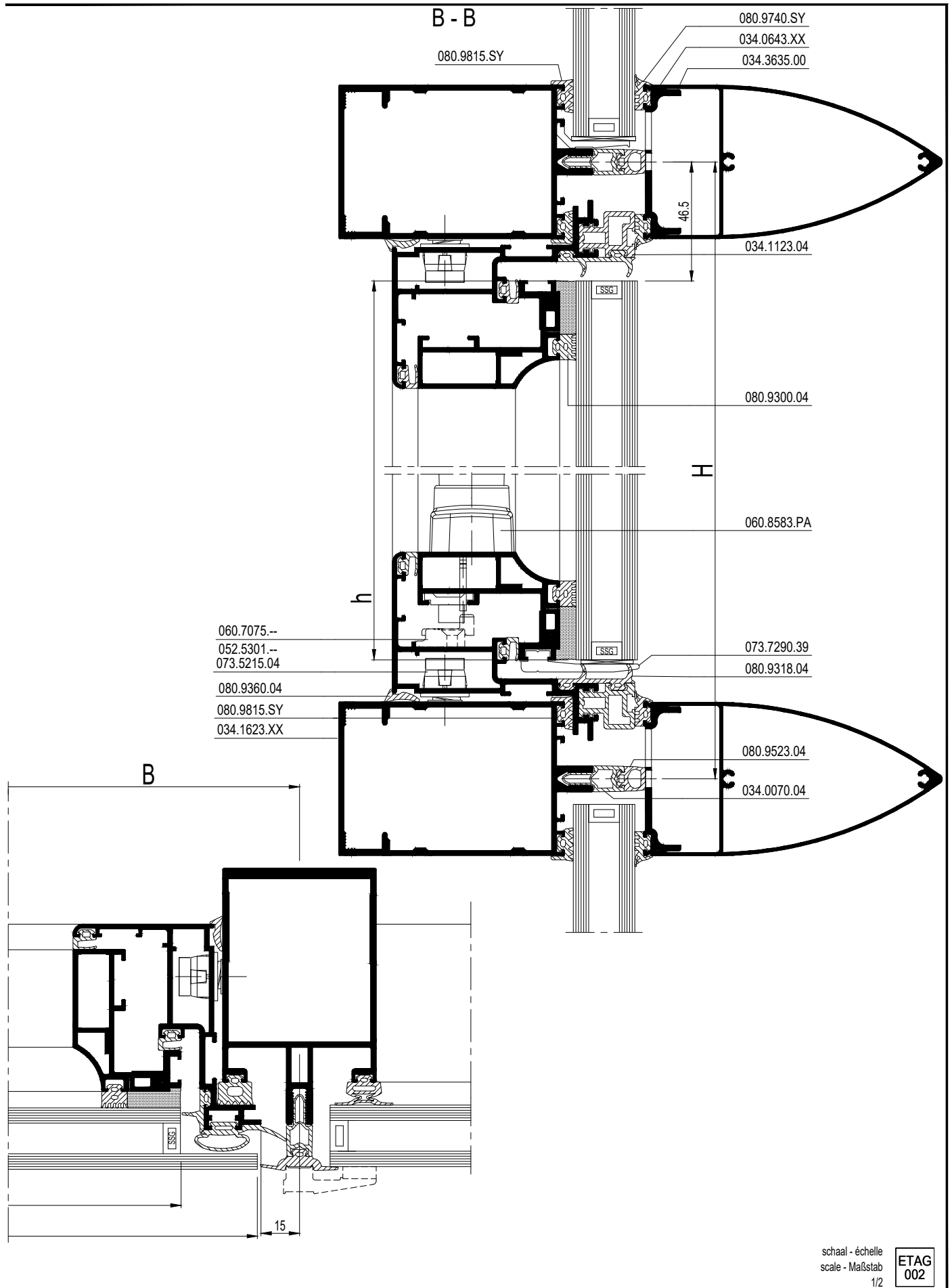
		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.7290.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9305.04		2 x (H - 10)	52.G. ...
021.5850.35		52.F. ...	52.G. ...
021.5851.35		52.F. ...	52.G. ...

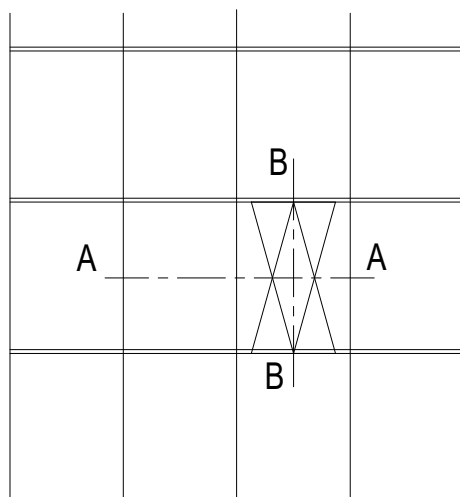


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0077160

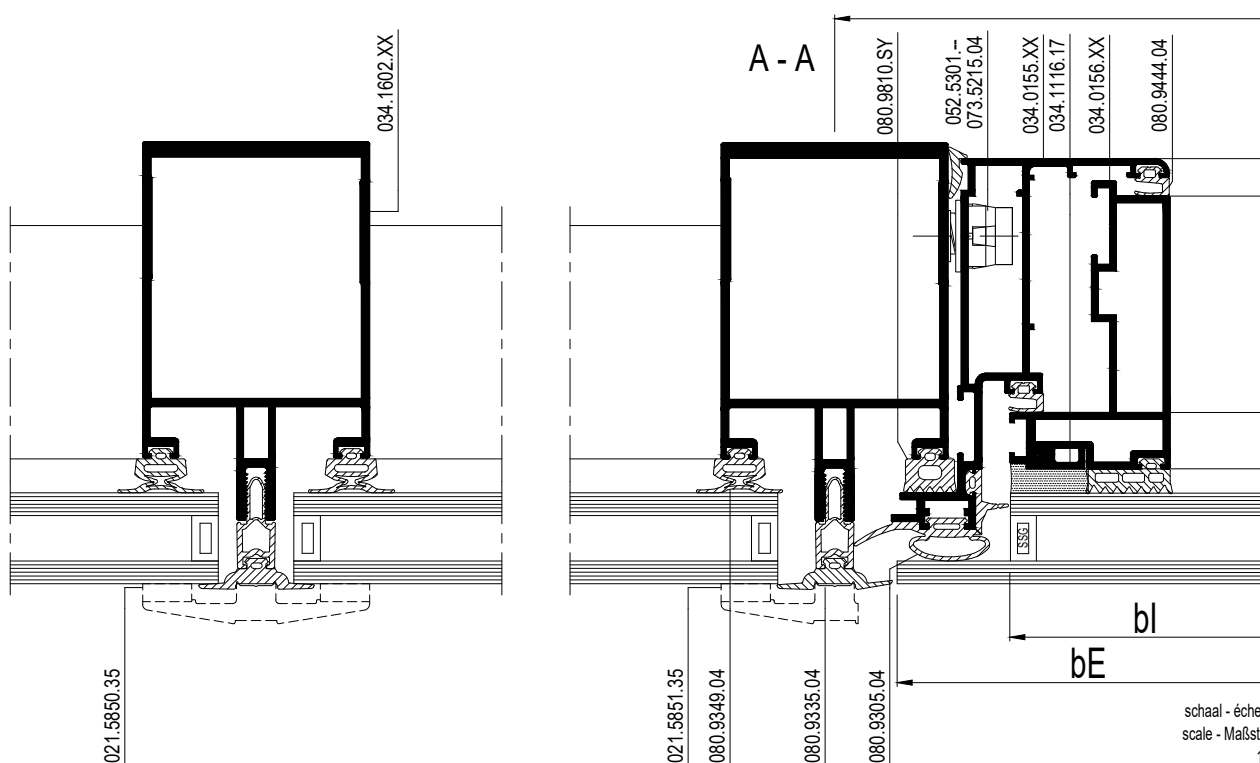




bl = B - 93
bE = B - 33
h = H - 93

			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
034.1123.04			2	B-38.5	51.C. ...
001.0075.17			-	52.F. ...	52.C. ...

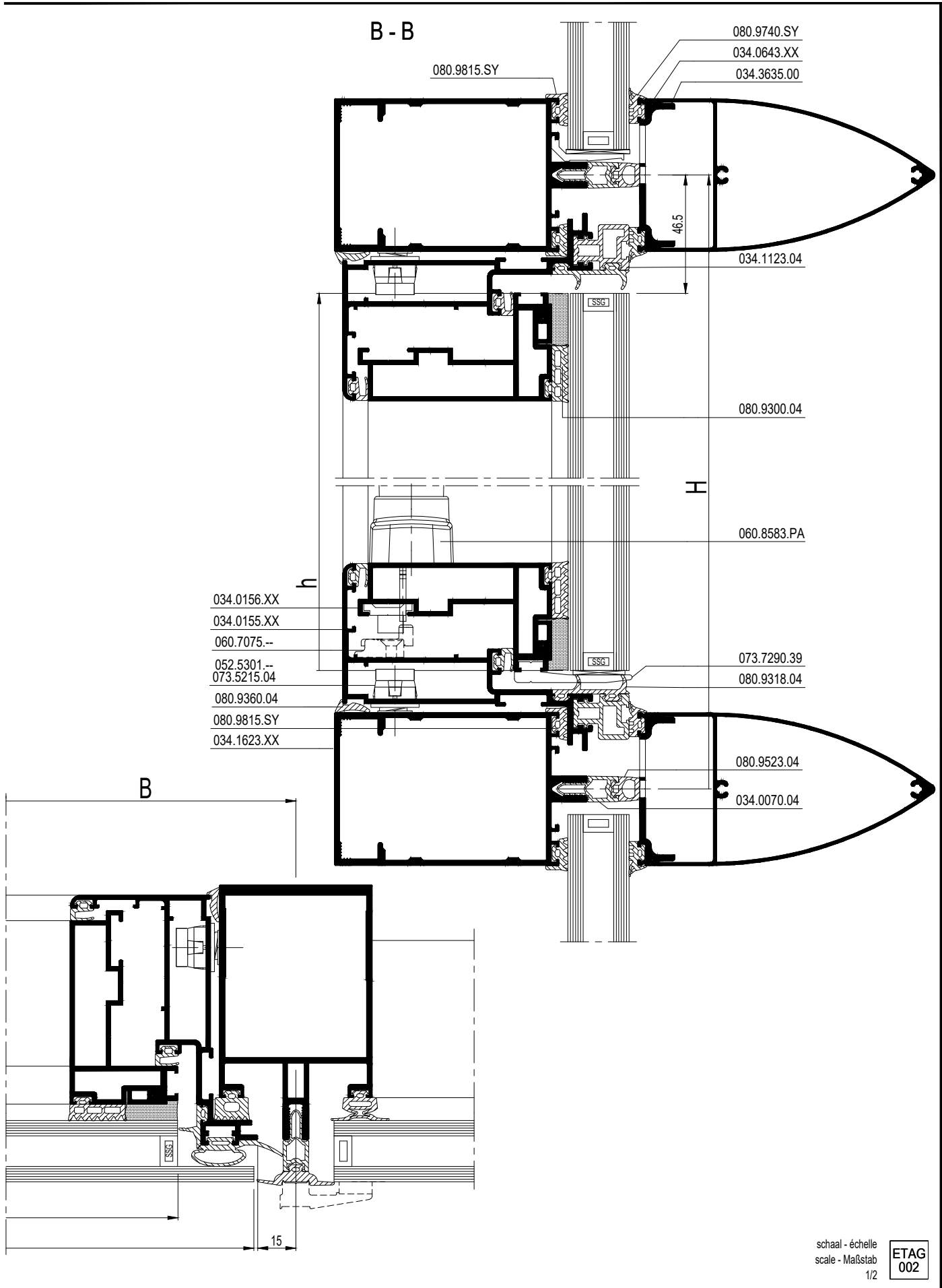
		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.7290.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9305.04		2 x (H - 10)	52.G. ...
021.5850.35		52.F. ...	52.G. ...
021.5851.35		52.F. ...	52.G. ...

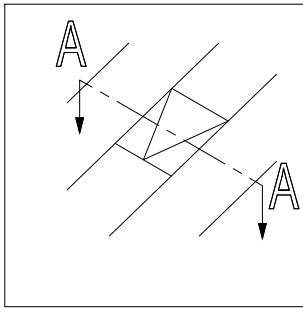


schaal - échelle
scale - Maßstab
1/2

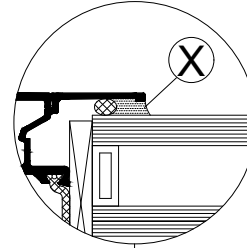
ETAG
002

D0077162





VARIANT
VARIANTE



A - A

022.1079.SY
030.3881.XX
068.7850.00
007.1768.XX
069.6823.04
050.5161.--
080.9430.04
060.8740.--
080.9740.SY
080.9809.04

080.9711.04

034.0073.04

080.9871.04
080.9362.04
007.1765.XX
068.8770.00
060.8721.00
080.9446.04
068.8770.00
034.0618.XX
080.9815.SY

15

b

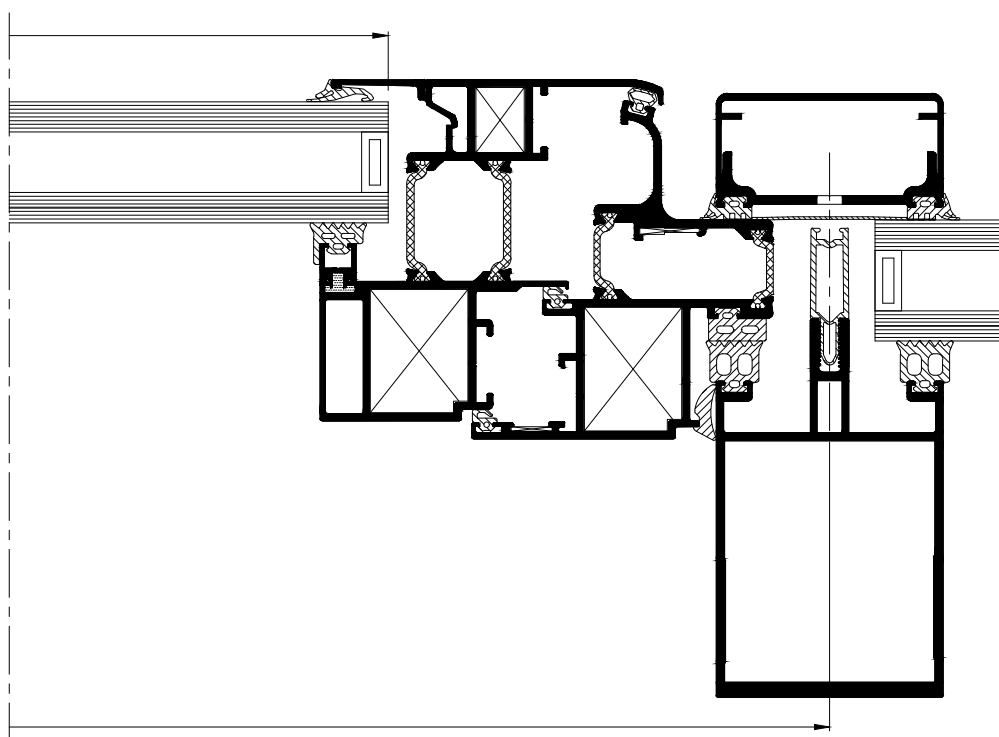
B

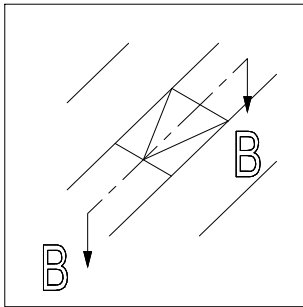


DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

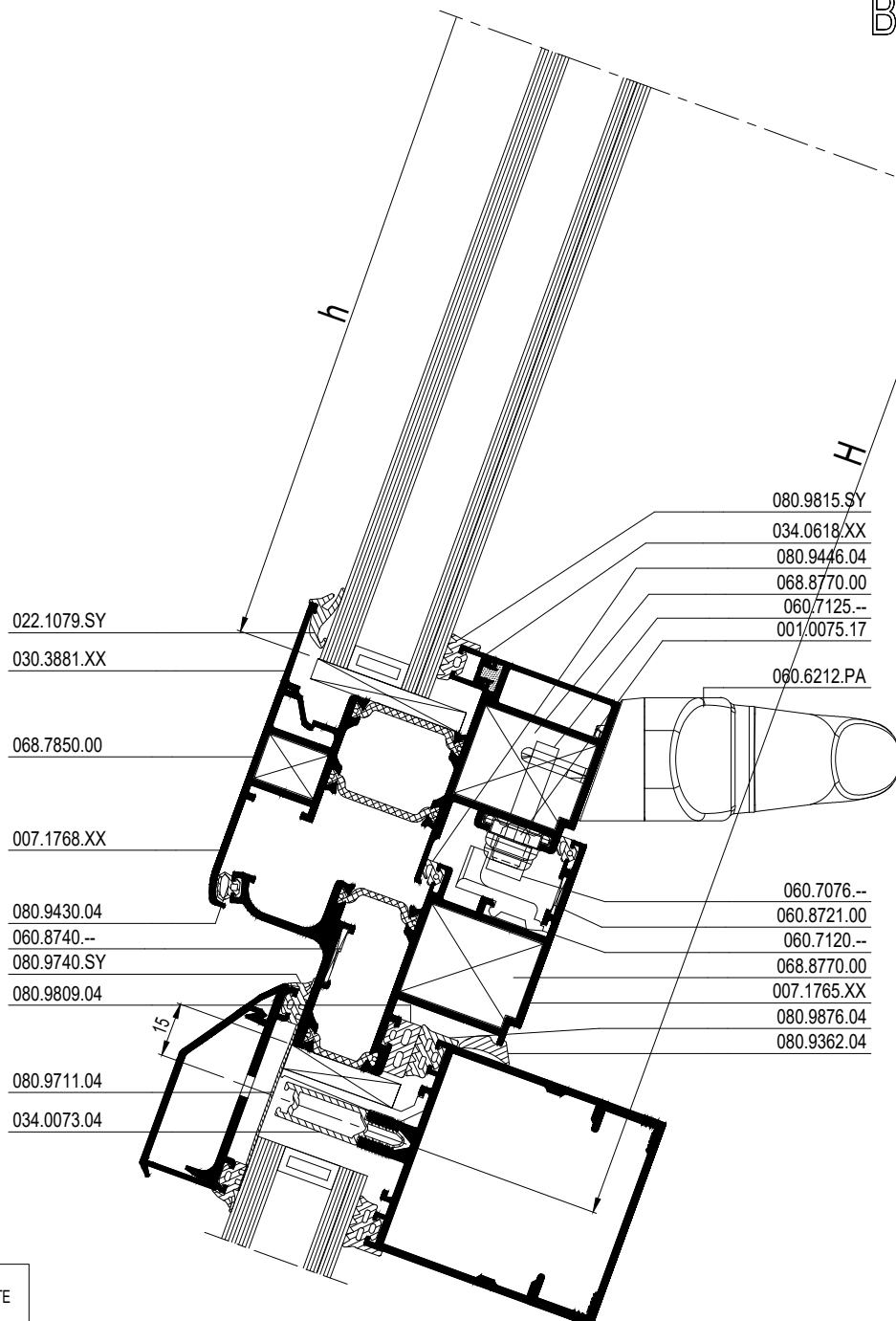
schaal - échelle
scale - Maßstab
1/2

D0081657





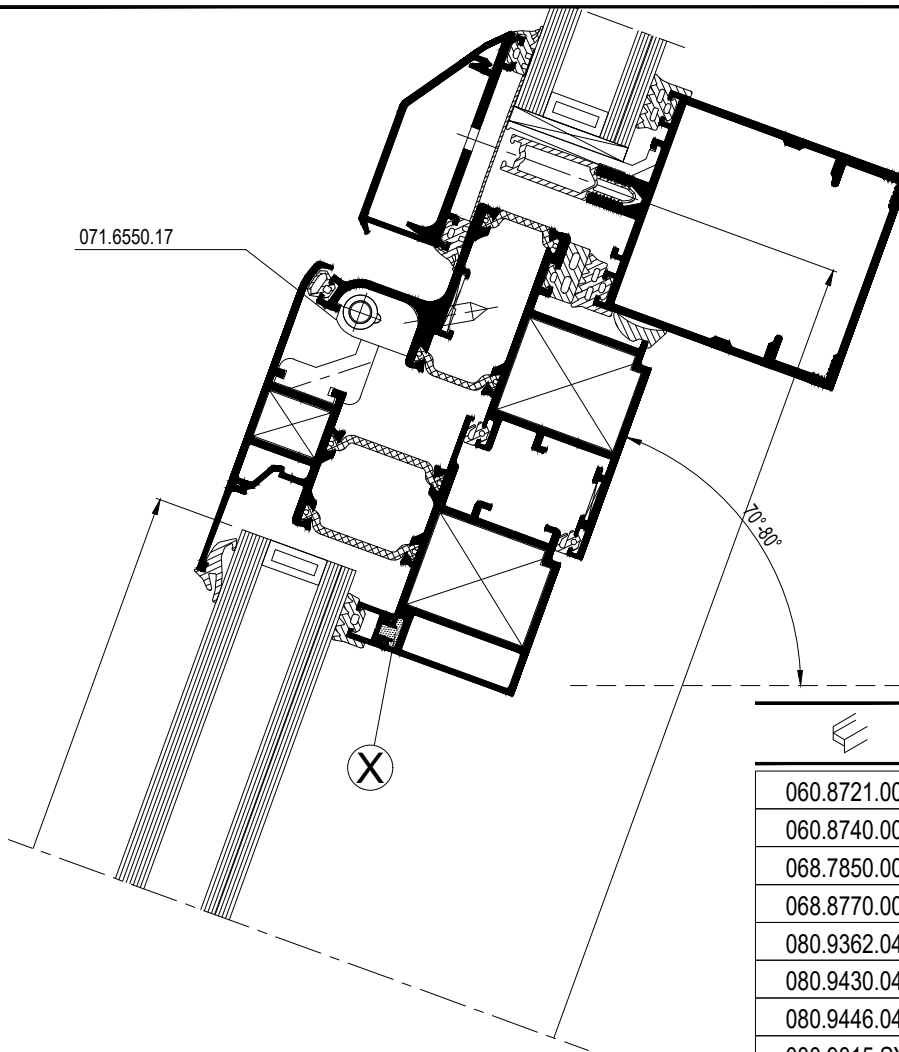
B - B



DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

schaal - échelle
scale - Maßstab
1/2

D0081664



			#	$\leftarrow L_m \rightarrow$	
007.1765.XX			2	B - 30	52.C. ...
			2	H - 30	
007.1768.XX			2	B - 88.2	52.C. ...
			2	H - 88.2	
030.3881.XX			2	B - 213.6	52.C. ...
			2	H - 263.6	
034.0618.XX			2	B - 250.2	52.C. ...
			2	H - 250.2	
001.0075.17			-	52.F. ...	52.C. ...



b = B - 234

h = H - 234

		#	
060.8721.00		4	52.G. ...
060.8740.00		4	52.G. ...
068.7850.00*		4	52.G. ...
068.8770.00*		8	52.G. ...
080.9362.04		(2xB)+(2xH)-170	52.G. ...
080.9430.04		(2xB)+(2xH)-190	52.G. ...
080.9446.04		2x((2xB)+(2xH))-1010	52.G. ...
080.9815.SY		(2xB)+(2xH)-890	52.G. ...
022.1079.SY		(2xB)+(2xH)-890	52.G. ...
080.9809.04		(2xH)+(2xB)-110	52.G. ...
073.8213.00		2	52.G. ...
071.6550.17		52.F. ...	52.G. ...
071.6551.--		2	52.G. ...
060.6212.PA		1	52.G. ...
060.7120.--		52.F. ...	52.G. ...
060.7076.--		52.F. ...	52.G. ...
060.7125.--		1	52.G. ...

(*) of/ou/or/oder

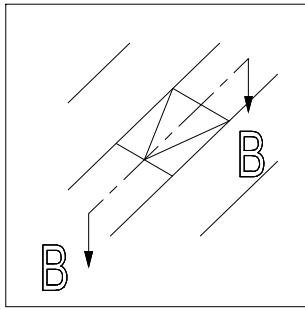
068.7850.00		4	52.G. ...
050.5153.--		8	52.G. ...
068.8770.00		8	52.G. ...
050.5153.--		16	52.G. ...

(*) of/ou/or/oder

068.7850.00		4	52.G. ...
068.5920.--		8	52.G. ...
068.8770.00		8	52.G. ...
068.5920.--		16	52.G. ...

schaal - échelle
scale - Maßstab
1/2

D0081664



B - B

022.1079.SY
030.3881.XX
068.7850.00
007.1768.XX
080.9430.04
060.8740.--
080.9740.SY
080.9809.04

15
034.0073.04

080.9446.04
068.8770.00

071.8445.17

H

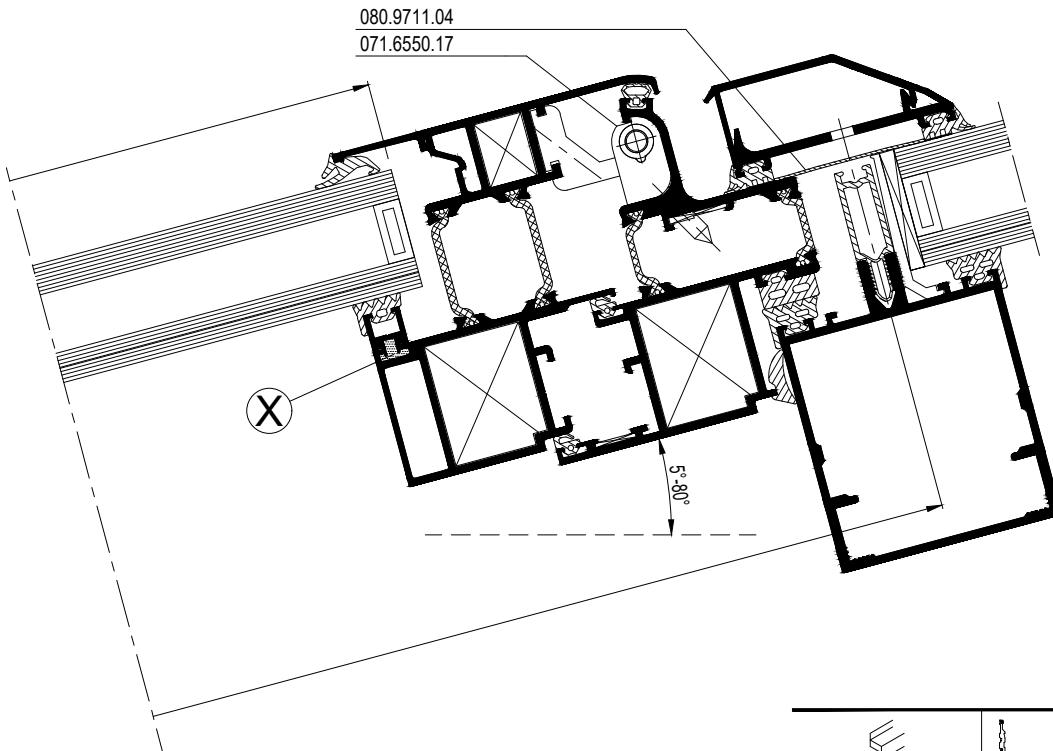
060.8721.00
068.8770.00
007.1765.XX
080.9876.04
080.9362.04
060.6826.PA
073.8213.00



DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

schaal - échelle
scale - Maßstab
1/2

D0081671



			#	Lm	
007.1765.XX			2	B - 30	52.C. ...
			2	H - 30	
007.1768.XX			2	B - 88.2	52.C. ...
			2	H - 88.2	
030.3881.XX			2	B - 213.6	52.C. ...
			2	H - 263.6	
034.0618.XX			2	B - 250.2	52.C. ...
			2	H - 250.2	



b = B - 234

h = H - 234

		#	
060.8721.00		4	52.G. ...
060.8740.00		4	52.G. ...
068.7850.00*		4	52.G. ...
068.8770.00*		8	52.G. ...
080.9362.04		(2xB)+(2xH)-170	52.G. ...
080.9430.04		(2xB)+(2xH)-190	52.G. ...
080.9446.04		2x((2xB)+(2xH))-1010	52.G. ...
080.9815.SY		(2xB)+(2xH)-890	52.G. ...
022.1079.SY		(2xB)+(2xH)-890	52.G. ...
080.9809.04		(2xH)+(2xB)-110	52.G. ...
073.8213.00		2	52.G. ...
071.6550.17		52.F. ...	52.G. ...
071.8445.17		1	52.G. ...
060.6826.PA		1	52.G. ...
050.5161.--		5	52.G. ...
057.5711.--		5	52.G. ...

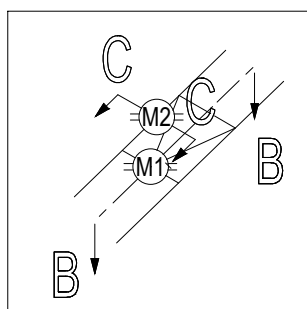
(*) of/ou/or/oder

068.7850.00		4	52.G. ...
050.5153.--		8	52.G. ...
068.8770.00		8	52.G. ...
050.5153.--		16	52.G. ...

(*) of/ou/or/oder

068.7850.00		4	52.G. ...
068.5920.--		8	52.G. ...
068.8770.00		8	52.G. ...
068.5920.--		16	52.G. ...

schaal - échelle
scale - Maßstab
1/2



(M1) MOTOR
MOTEUR
MOTOR
ANTRIEB

(M2) SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB

B - B

022.1079.SY
030.3881.XX
068.7850.00
007.1768.XX
080.9430.04
060.8740.--
080.9740.SY
080.9809.04

15

034.0073.04

080.9815.SY

034.0618.XX

080.9446.04

068.8770.00

001.0075.17

060.7076.--

060.7120.--

060.6830.14

(M1)

060.8721.00

060.6829.--

068.8770.00

007.1765.XX

080.9876.04

080.9362.04

073.8213.00

C - C

060.6899.17

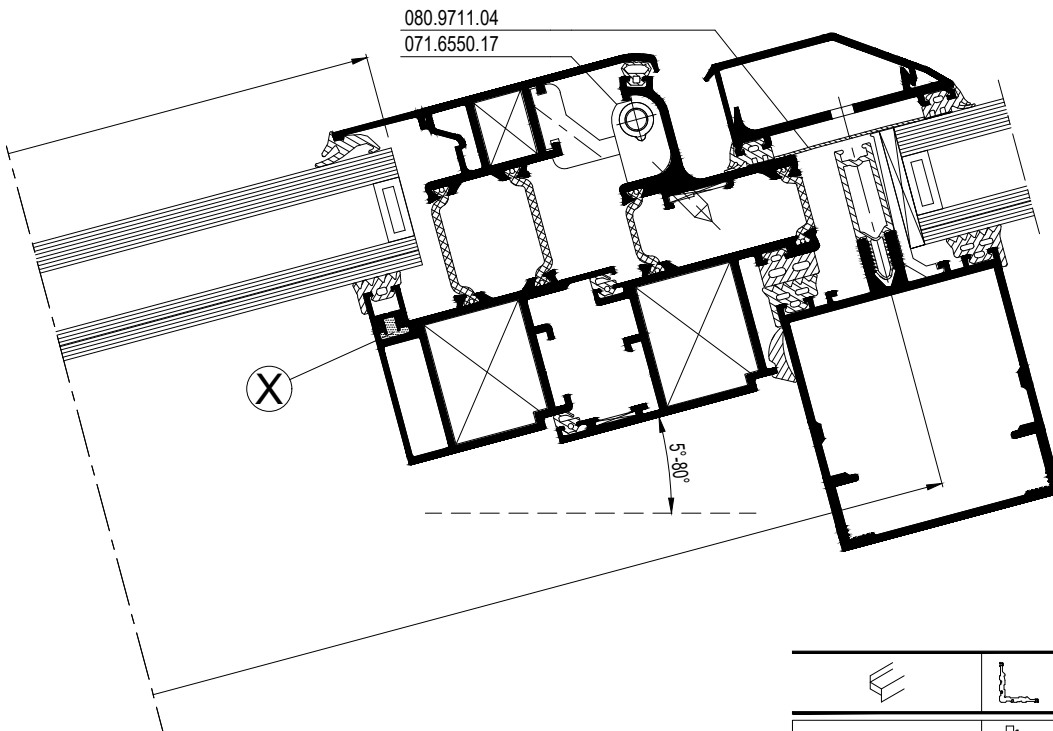
(M2)

(X)

DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

schaal - échelle
scale - Maßstab
1/2

D0081677



			#	Lm	
007.1765.XX			2	B - 30	52.C. ...
			2	H - 30	
007.1768.XX			2	B - 88.2	52.C. ...
			2	H - 88.2	
030.3881.XX			2	B - 213.6	52.C...
			2	H - 263.6	
034.0618.XX			2	B - 250.2	52.C. ...
			2	H - 250.2	
001.0075.17			-	52.F. ...	52.C. ...

b = B - 234
h = H - 234

		#	
060.8721.00		4	52.G. ...
060.8740.00		4	52.G. ...
068.7850.00*		4	52.G. ...
068.8770.00*		8	52.G. ...
080.9362.04		(2xB)+(2xH)-170	52.G. ...
080.9430.04		(2xB)+(2xH)-190	52.G. ...
080.9446.04		2x((2xb)+(2xh))-1010	52.G. ...
022.1079.SY		(2xB)+(2xH)-890	52.G. ...
080.9815.SY		(2xB)+(2xH)-890	52.G. ...
080.9809.04		(2xH)+(2xB)-110	52.G. ...
073.8213.00		2	52.G. ...
071.6550.17		52.F. ...	52.G. ...
060.6830.14		1	52.G. ...
060.6829.--		1	52.G. ...
060.7120.--		52.F. ...	52.G. ...
060.7076.--		52.F. ...	52.G. ...
060.6899.17		52.F. ...	52.G. ...
060.7872.--		52.F. ...	52.G. ...

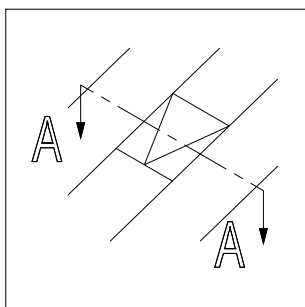
(*) of/ou/or/oder

068.7850.00		4	52.G. ...
050.5153.--		8	52.G. ...
068.8770.00		8	52.G. ...
050.5153.--		16	52.G. ...

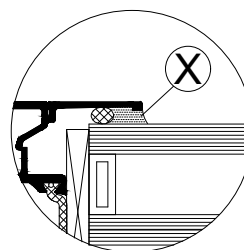
(*) of/ou/or/oder

068.7850.00		4	52.G. ...
068.5920.--		8	52.G. ...
068.8770.00		8	52.G. ...
068.5920.--		16	52.G. ...

schaal - échelle
scale - Maßstab
1/2



VARIANT
VARIANTE



A - A

022.1079.SY
030.3881.XX
068.7850.00
069.6823.04
050.5161.--
007.0778.XX
080.9430.04
060.8740.--

080.9711.04
080.9740.SY

080.9894.04
080.9893.07

080.9871.04

080.9805.04
034.0514.XX
080.9362.04
007.0775.XX
068.8770.00
060.8721.00
080.9446.04
068.8770.00
080.9406.04
080.9817.04

15

b

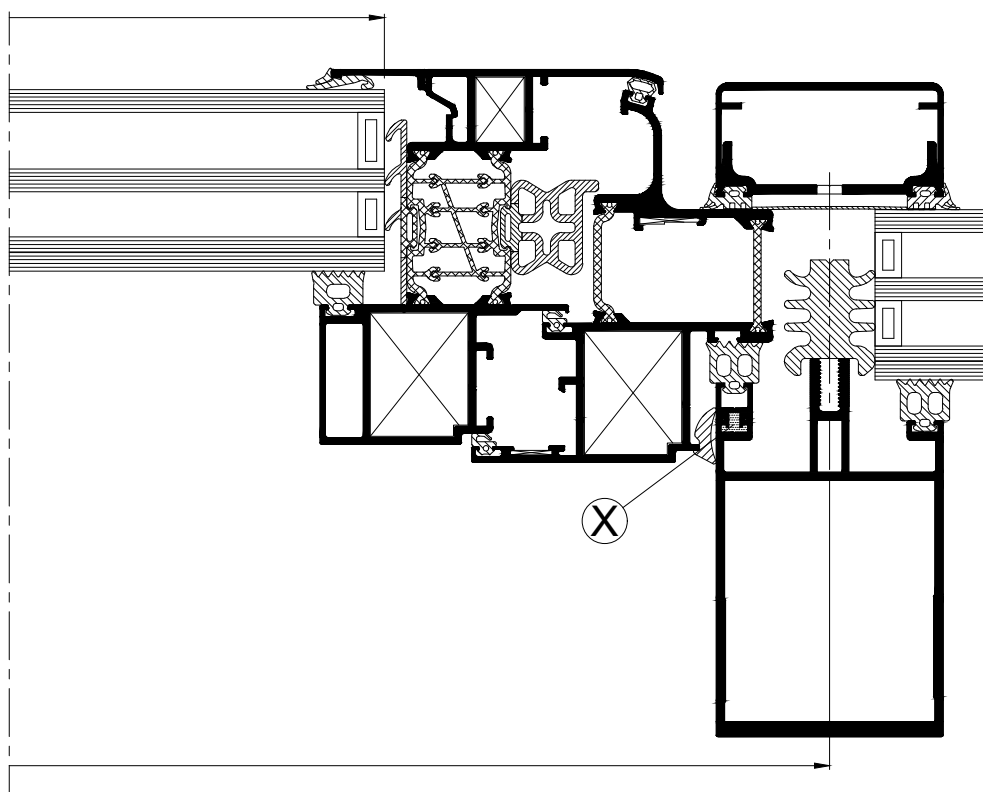
B

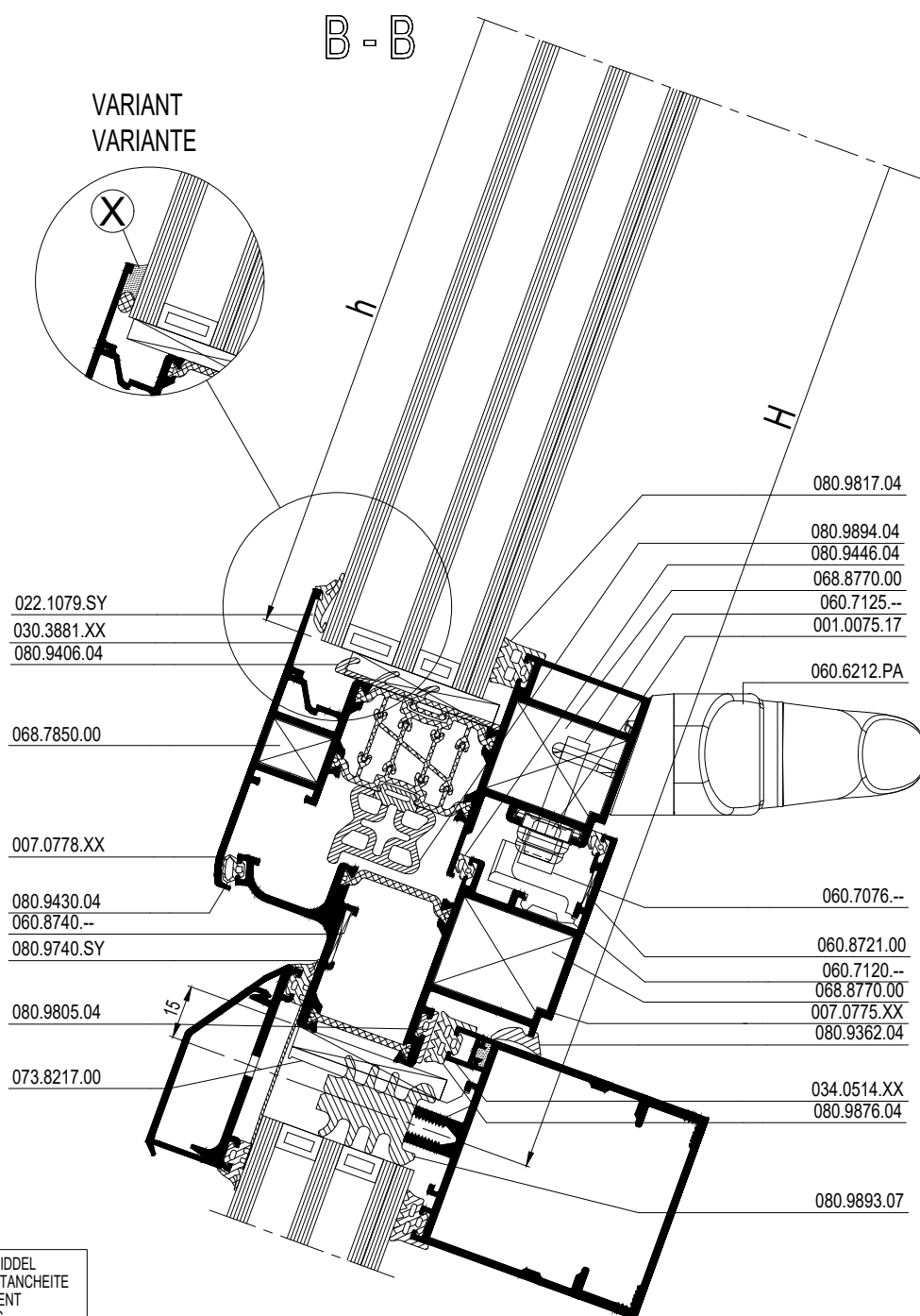
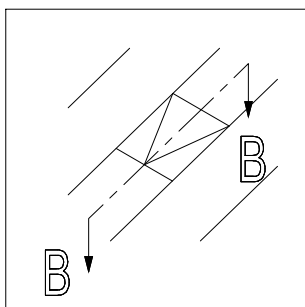


DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

schaal - échelle
scale - Maßstab
1/2

D0081695

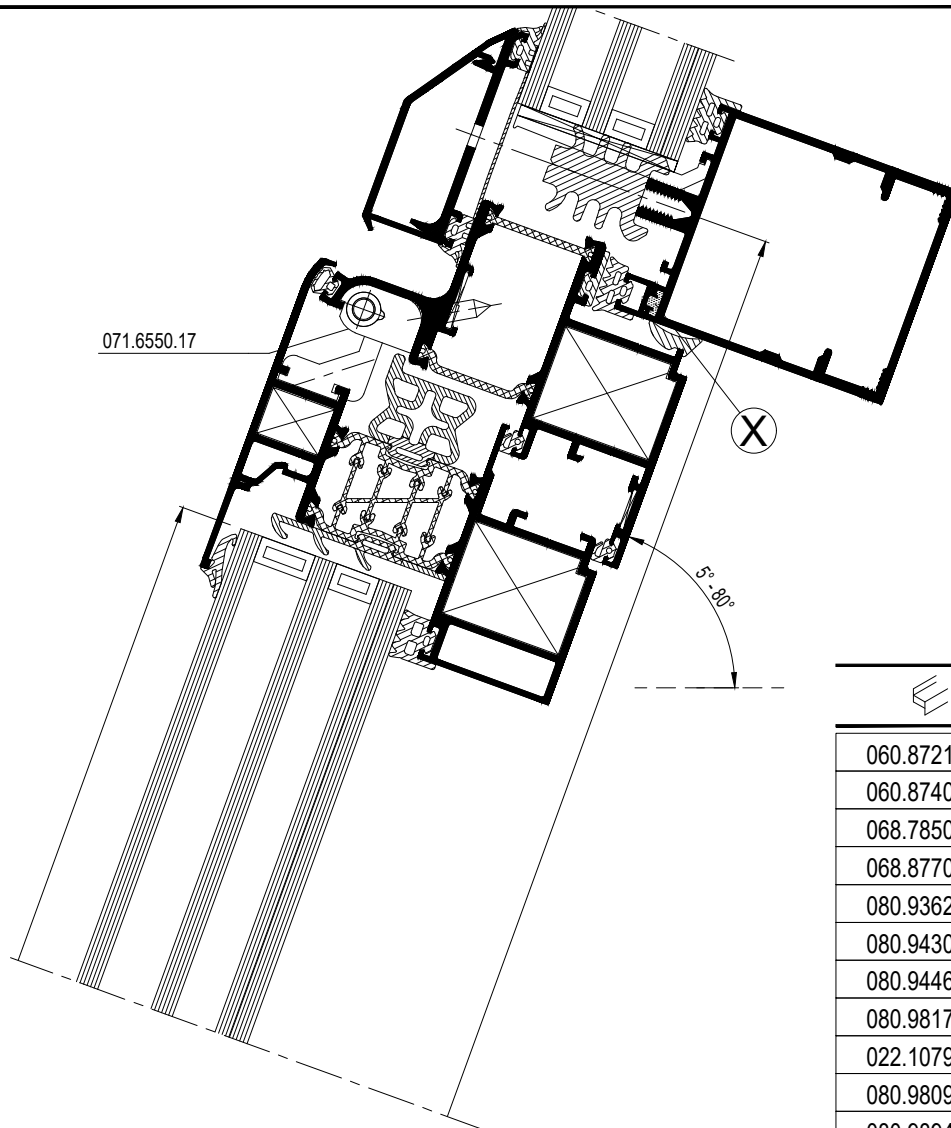




DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

schaal - échelle
scale - Maßstab
1/2

D0081696



			#	Lm	
007.0775.XX			2	B - 30	52.C. ...
			2	H - 30	
007.0778.XX			2	B - 88.2	52.C. ...
			2	H - 88.2	
030.3881.XX			2	B - 213.6	52.C. ...
			2	H - 263.6	
034.0618.XX			2	B - 40.8	52.C. ...
			2	H - 40.8	
001.0075.17			-	52.F. ...	52.C. ...



b = B - 236

h = H - 236

schaal - échelle
scale - Maßstab
1/2

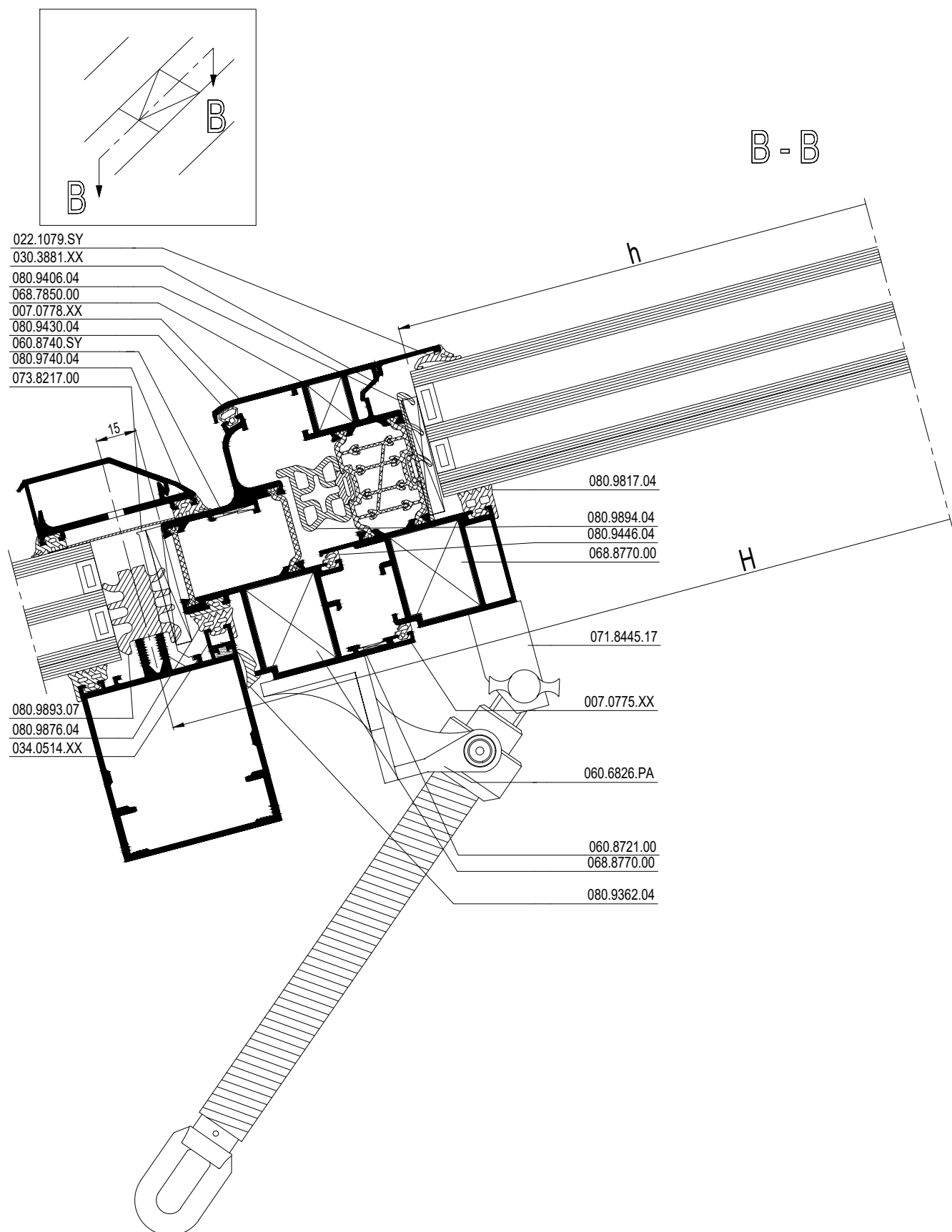
		#	
060.8721.00		4	52.G. ...
060.8740.00		4	52.G. ...
068.7850.00*		4	52.G. ...
068.8770.00*		8	52.G. ...
080.9362.04		(2xB)+(2xH)-170	52.G. ...
080.9430.04		(2xB)+(2xH)-190	52.G. ...
080.9446.04		2x((2xB)+(2xH))-1010	52.G. ...
080.9817.04		(2xB)+(2xH)-890	52.G. ...
022.1079.SY		(2xB)+(2xH)-890	52.G. ...
080.9809.04		(2xB)+(2xH)-110	52.G. ...
080.9894.04		(2xB)+(2xH)-235	52.G. ...
080.9406.04		(2xB)+(2xH)-440	52.G. ...
080.9805.04		(2xB)+(2xH)-110	52.G. ...
073.8217.00		2	52.G. ...
071.6550.17		52.F. ...	52.G. ...
071.6551.--		2	52.G. ...
060.6212.PA		1	52.G. ...
060.7120.--		52.F. ...	52.G. ...
060.7076.--		52.F. ...	52.G. ...
060.7125.--		1	52.G. ...

(*) of/ou/or/oder

068.7850.00		4	52.G. ...
050.5153.--		8	52.G. ...
068.8770.00		8	52.G. ...
050.5153.--		16	52.G. ...

(*) of/ou/or/oder

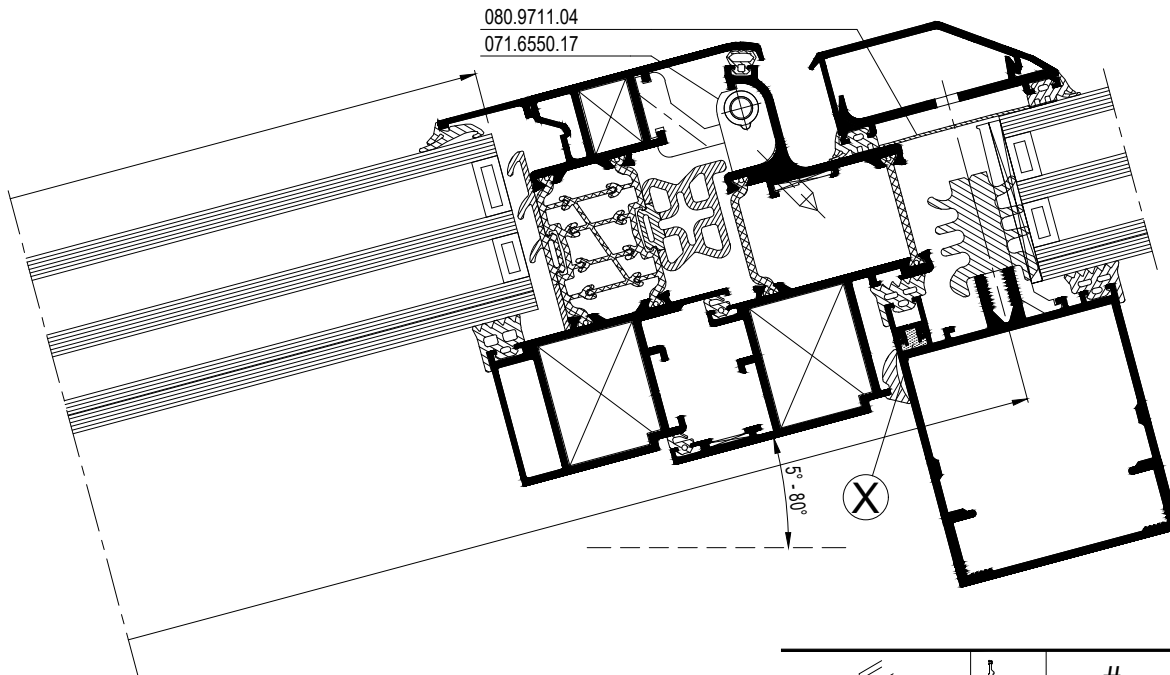
068.7850.00		4	52.G. ...
068.5920.--		8	52.G. ...
068.8770.00		8	52.G. ...
068.5920.--		16	52.G. ...



(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

schaal - échelle
scale - Maßstab
1/2

D0081698



			#	Lm	
007.0775.XX			2	B - 30	52.C...
			2	H - 30	
007.0778.XX			2	B - 88.2	52.C...
			2	H - 88.2	
030.3881.XX			2	B - 213.6	52.C...
			2	H - 263.6	
034.0514.XX			2	B - 40.8	52.C...
			2	H - 40.8	

b = B - 236
h = H - 236

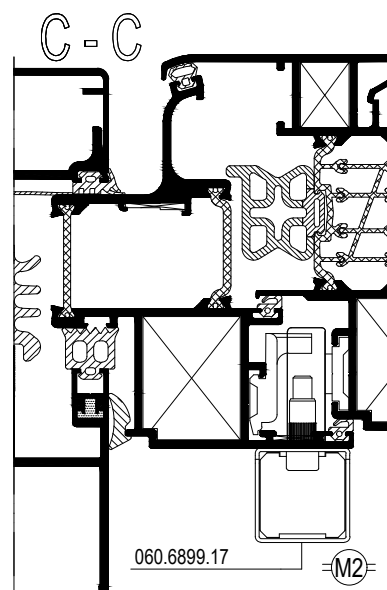
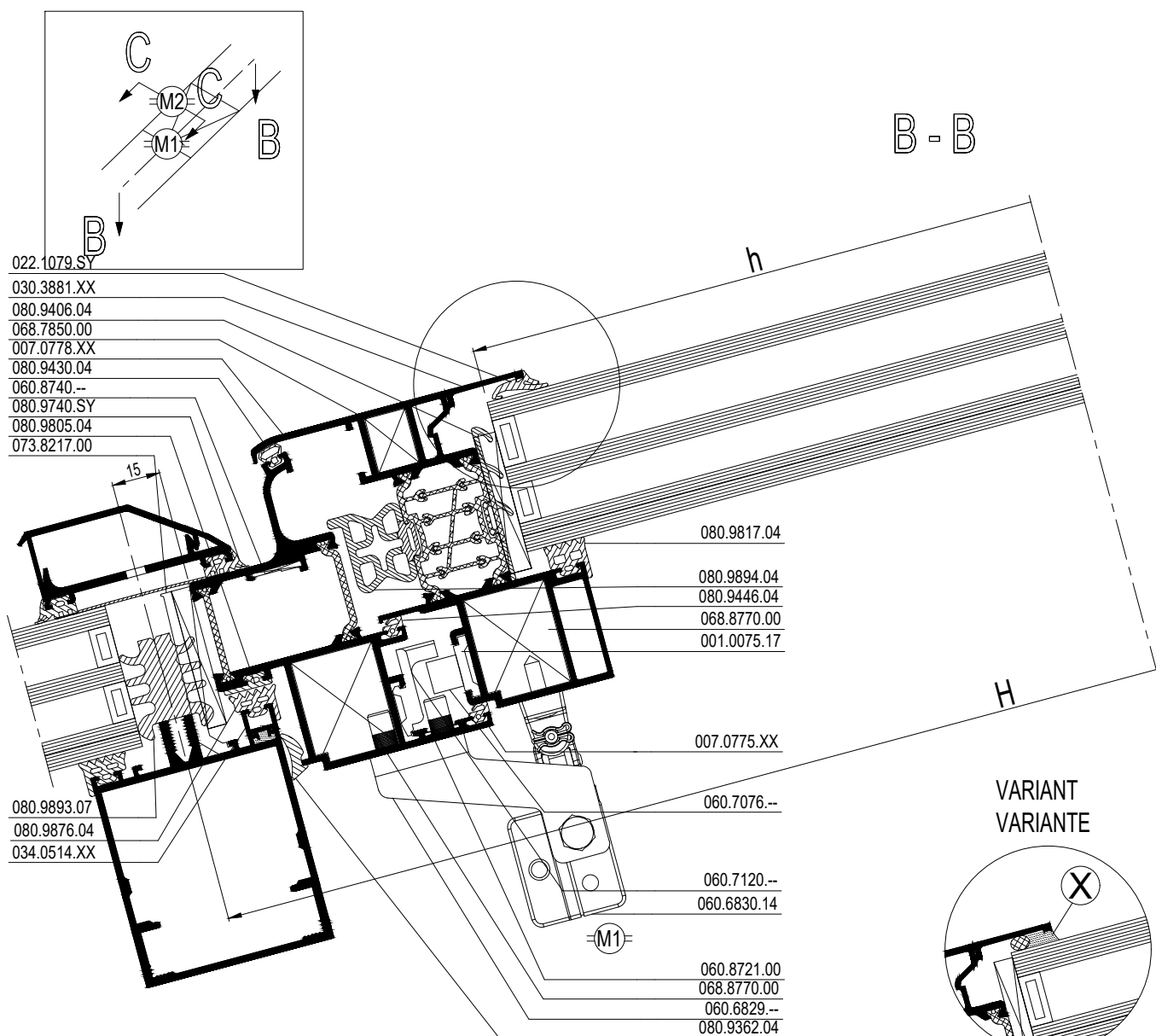
(*) of/ou/or/oder

068.7850.00		4	52.G. ...
050.5153.--		8	52.G. ...
068.8770.00		8	52.G. ...
050.5153.--		16	52.G. ...

(*) of/ou/or/oder

068.7850.00		4	52.G. ...
068.5920.--		8	52.G. ...
068.8770.00		8	52.G. ...
068.5920.--		16	52.G. ...

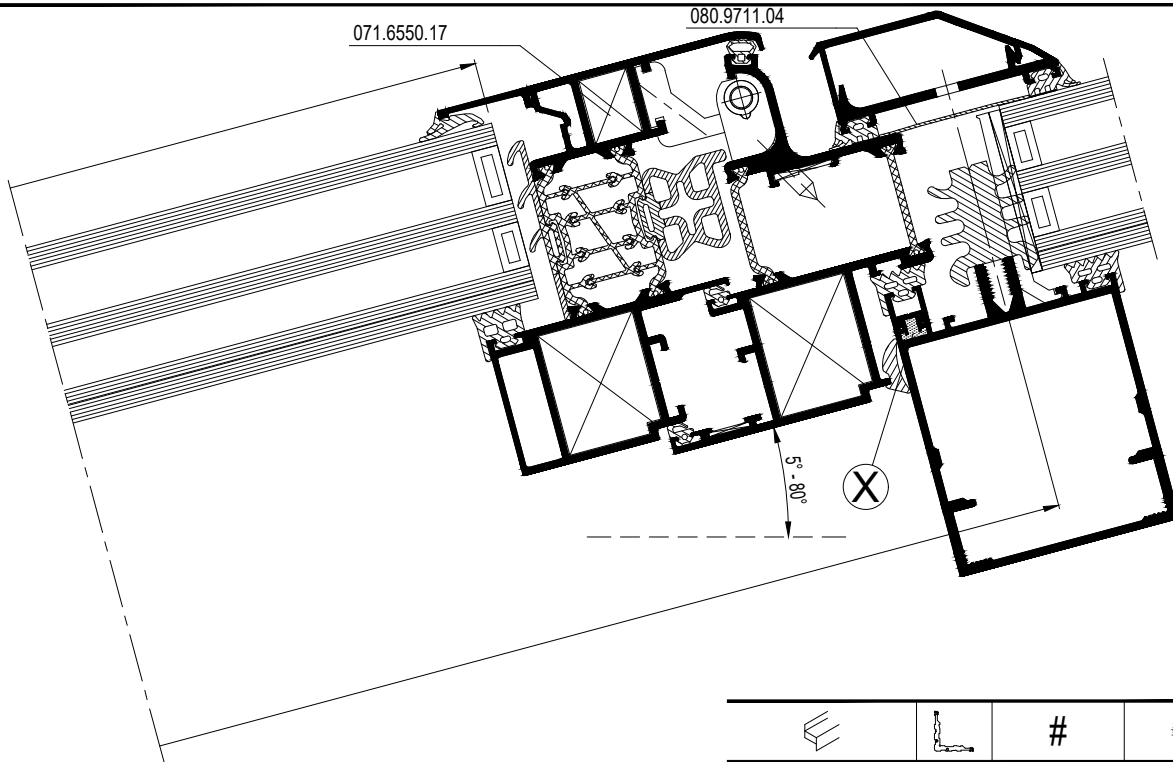
		#	
060.8721.00		4	52.G. ...
060.8740.00		4	52.G. ...
068.7850.00*		4	52.G. ...
068.8770.00*		8	52.G. ...
080.9362.04		(2xB)+(2xH)-170	52.G. ...
080.9805.04		(2xB)+(2xH)-110	52.G. ...
080.9430.04		(2xB)+(2xH)-190	52.G. ...
080.9446.04		2x((2xB)+(2xH))-1010	52.G. ...
080.9817.SY		(2xB)+(2xH)-890	52.G. ...
022.1079.SY		(2xB)+(2xH)-890	52.G. ...
080.9809.04		(2xB)+(2xH)-110	52.G. ...
080.9894.04		(2xB)+(2xH)-235	52.G. ...
080.9406.04		(2xB)+(2xH)-440	52.G. ...
073.8217.00		2	52.G. ...
071.6550.17		52.F. ...	52.G. ...
071.8445.17		1	52.G. ...
060.6826.PA		1	52.G. ...
069.6823.04		2	52.G. ...
050.5161.--		2	52.G. ...
050.5161.--		5	52.G. ...
057.5711.--		5	52.G. ...



X
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

schaal - échelle
scale - Maßstab
1/2

D0081700



			#	L_m	
007.0775.XX			2	B - 30	52.C. ...
007.0778.XX			2	H - 30	52.C. ...
007.0778.XX			2	B - 88.2	52.C. ...
007.0778.XX			2	H - 88.2	52.C. ...
030.3881.XX			2	B - 213.6	52.C. ...
030.3881.XX			2	H - 263.6	52.C. ...
034.0514.XX			2	B - 40.8	52.C. ...
034.0514.XX			2	H - 40.8	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...


b = B - 236
h = H - 236

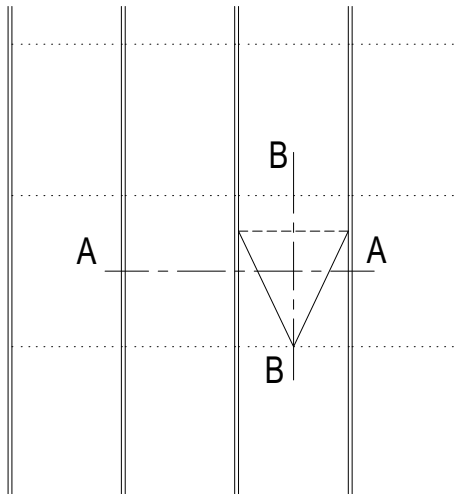
(*) of/ou/or/oder

068.7850.00		4	52.G. ...
050.5153.--		8	52.G. ...
068.8770.00		8	52.G. ...
050.5153.--		16	52.G. ...

(*) of/ou/or/oder

068.7850.00		4	52.G. ...
068.5920.--		8	52.G. ...
068.8770.00		8	52.G. ...
068.5920.--		16	52.G. ...

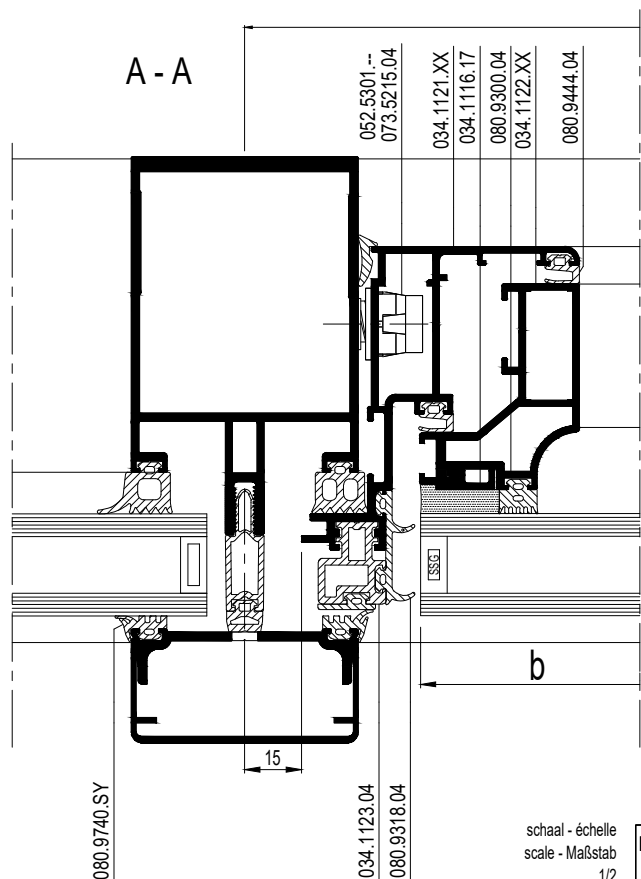
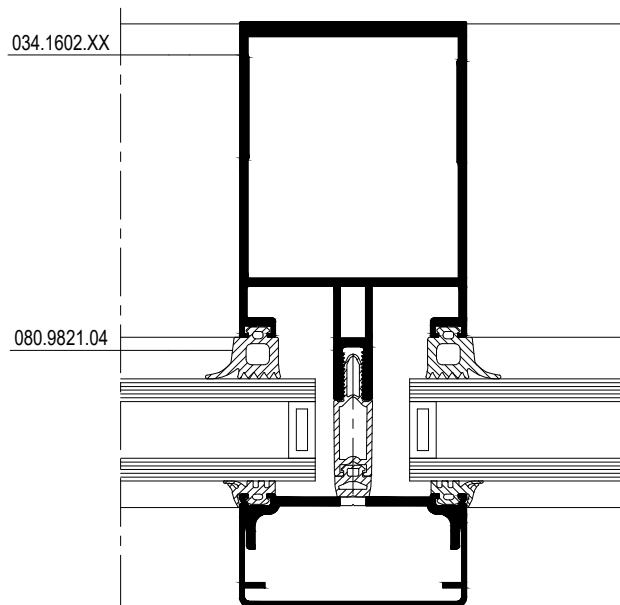
		#	
060.8721.00		4	52.G. ...
060.8740.00		4	52.G. ...
068.7850.00*		4	52.G. ...
068.8770.00*		8	52.G. ...
060.7872.--		2	52.G. ...
080.9362.04		(2xB)+(2xH)-170	52.G. ...
080.9430.04		(2xB)+(2xH)-190	52.G. ...
080.9446.04		2x((2xB)+(2xH))-1010	52.G. ...
080.9817.SY		(2xB)+(2xH)-890	52.G. ...
022.1079.SY		(2xB)+(2xH)-890	52.G. ...
080.9805.04		(2xH)+(2xB)-110	52.G. ...
073.8217.00		2	52.G. ...
071.6550.17		52.F. ...	52.G. ...
060.6830.14		1	52.G. ...
060.6829.--		2	52.G. ...
060.7120.--		52.F. ...	52.G. ...
060.7076.--		52.F. ...	52.G. ...
060.6899.17		52.F. ...	52.G. ...
060.7872.--		52.F. ...	52.G. ...
080.9894.04		(2xB)+(2xH)-235	52.G. ...
080.9406.04		(2xB)+(2xH)-440	52.G. ...
069.6823.04		2	52.G. ...
050.5161.--		2	52.G. ...



b = B - 93
hl = H - 93
hE = H - 56

			#	L_m	
034.1121.XX			2	B - 30	52.C. ...
034.1122.XX			2	H - 30	52.C. ...
034.1116.17			2	B - 92.5	52.C. ...
034.1123.04			2	H - 92.5	52.C. ...
001.0075.17			-	H - 38.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

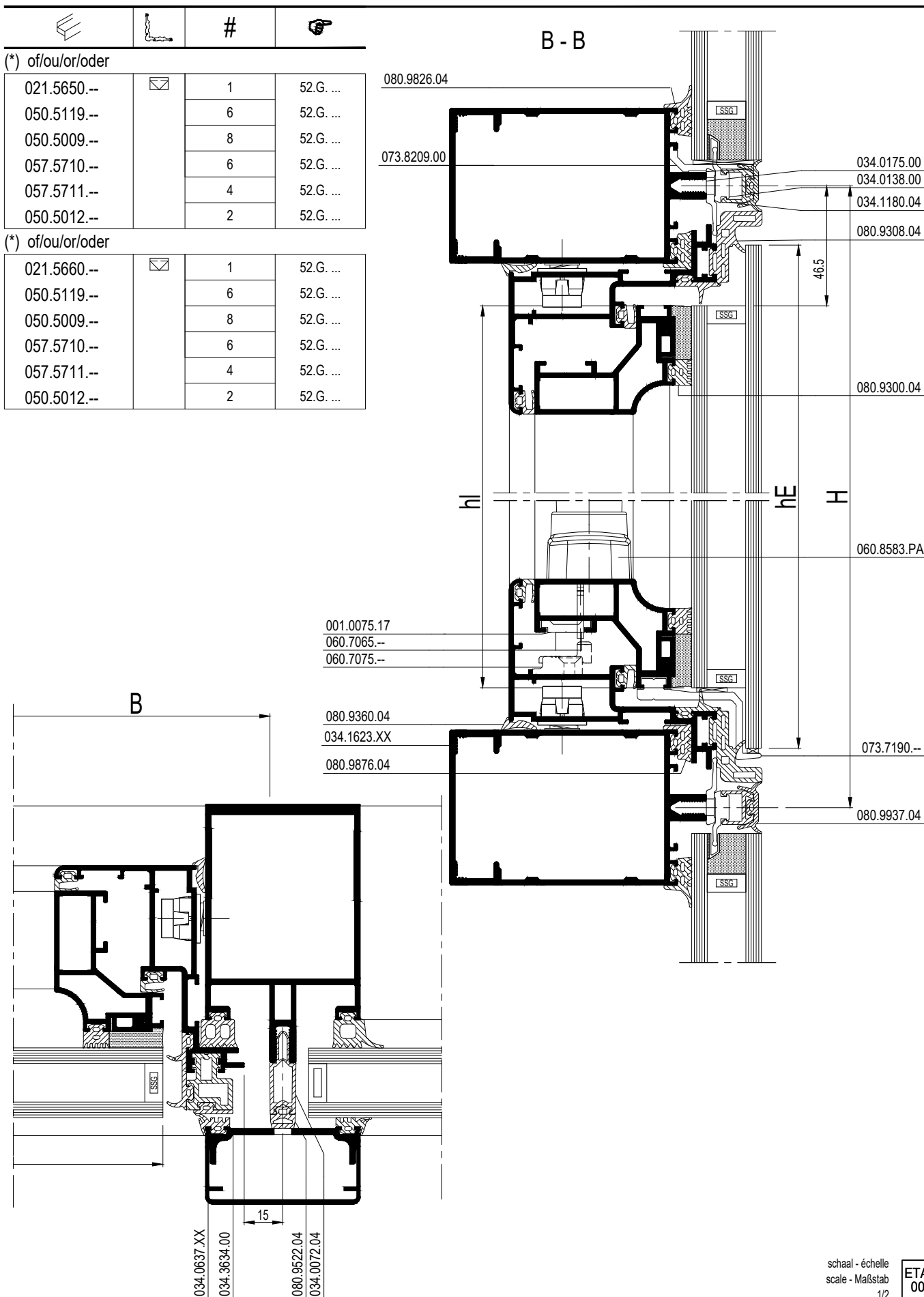
		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
069.7073.01		52.F. ...	52.G. ...
052.5312.--		2x069.7073.01	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9308.04		2x(B-10)	52.G. ...

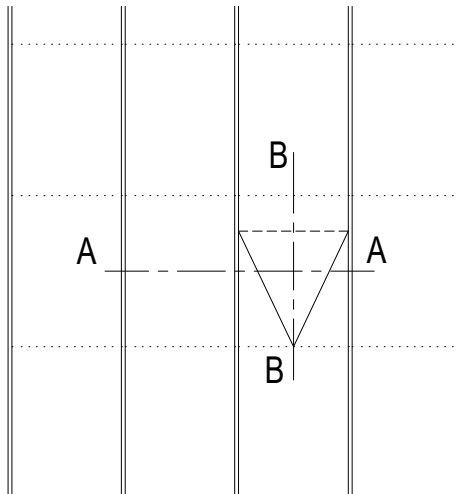


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0091647

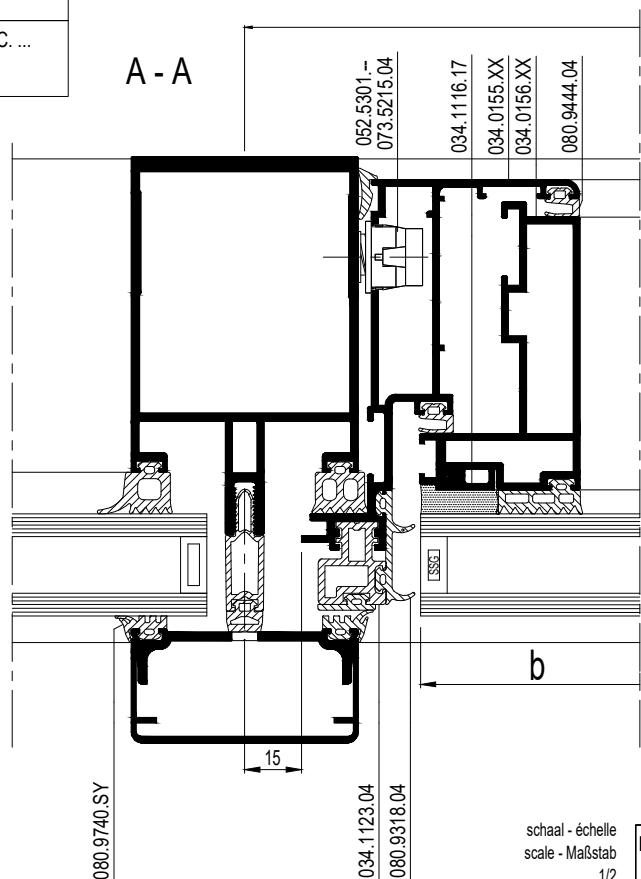
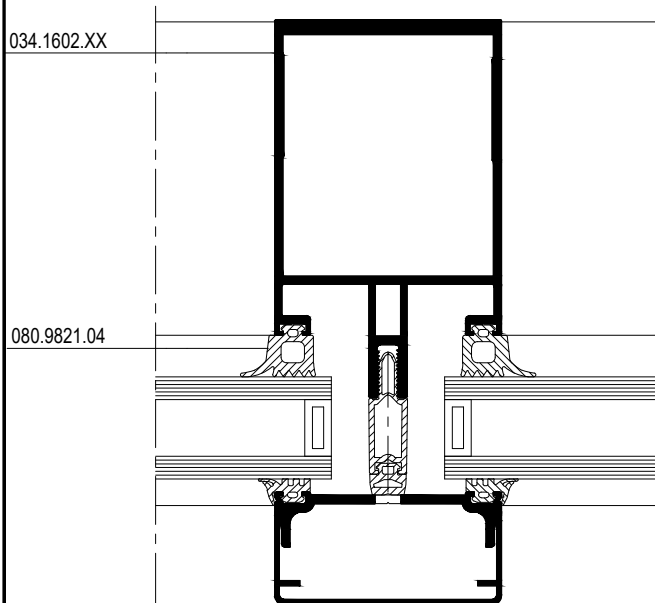




b = B - 93
hl = H - 93
hE = H - 56

			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
034.1123.04			2	H - 38.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F.	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F.	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F.	52.G. ...
052.5301.--		52.F.	52.G. ...
080.9303.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9308.04		2x(B-10)	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0091649

		#	
---	---	---	---

(*) of/ou/or/oder

021.5650.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

021.5660.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

060.8370.--	☒	1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...
060.7169.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...

080.9826.04

073.8209.00

080.9876.04

034.0130.00

034.0175.00

080.9308.04

080.9303.04

060.8583.PA

001.0075.17

060.7065.--

060.7075.--

073.7190.39

034.1180.04

080.9937.04

B

080.9360.04

034.0637.XX

034.3634.00

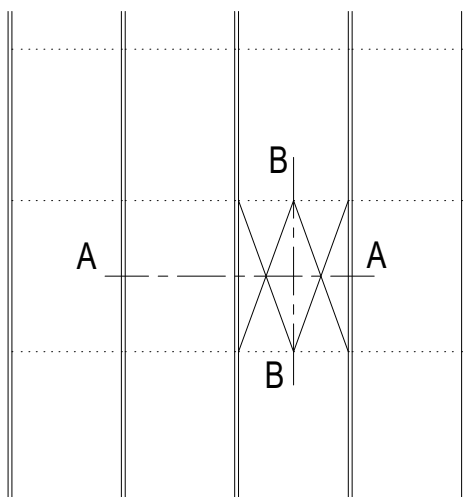
080.9622.04

034.0072.04

15

schaal - échelle
scale - Maßstab
1/2

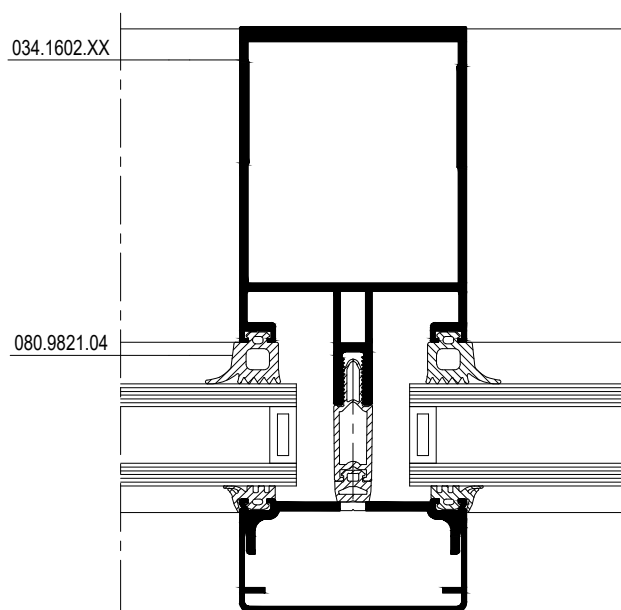
ETAG
002



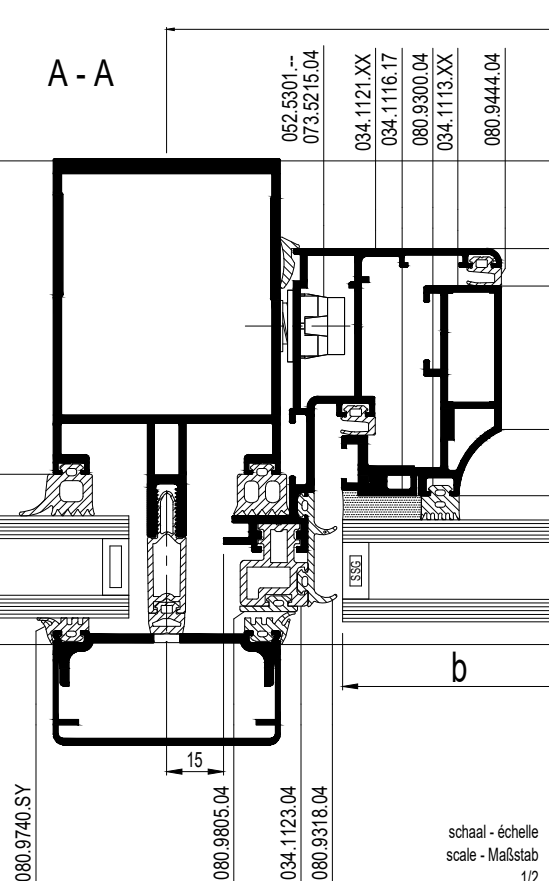
b = B - 93
hl = H - 93
hE = H - 56

			#	Lm	
034.1121.XX			2	B - 30	52.C. ...
034.1113.XX			2	H - 30	52.C. ...
034.1116.17			2	B - 92.5	52.C. ...
034.1123.04			2	H - 92.5	52.C. ...
034.1123.04			2	H - 38.5	52.C. ...
001.0075.17			-	52.F....	52.C. ...

		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G... ..
060.7722.--		4	52.G. ...
060.7075.--		52.F.	52.G. ...
060.7065.--		52.F....	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F....	52.G. ...
060.8360.--		52.F....	52.G. ...
060.8361.--		52.F....	52.G. ...
060.8366.--		2	52.G. ...
050.5119.--		52.F....	52.G. ...
057.5711.--		52.F....	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F....	52.G. ...
052.5301.--		52.F....	52.G. ...
080.9300.04		(2xH)+(2xB)-400	52.G. ...
080.9318.04		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-450	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9308.04		2x(B-10)	52.G. ...



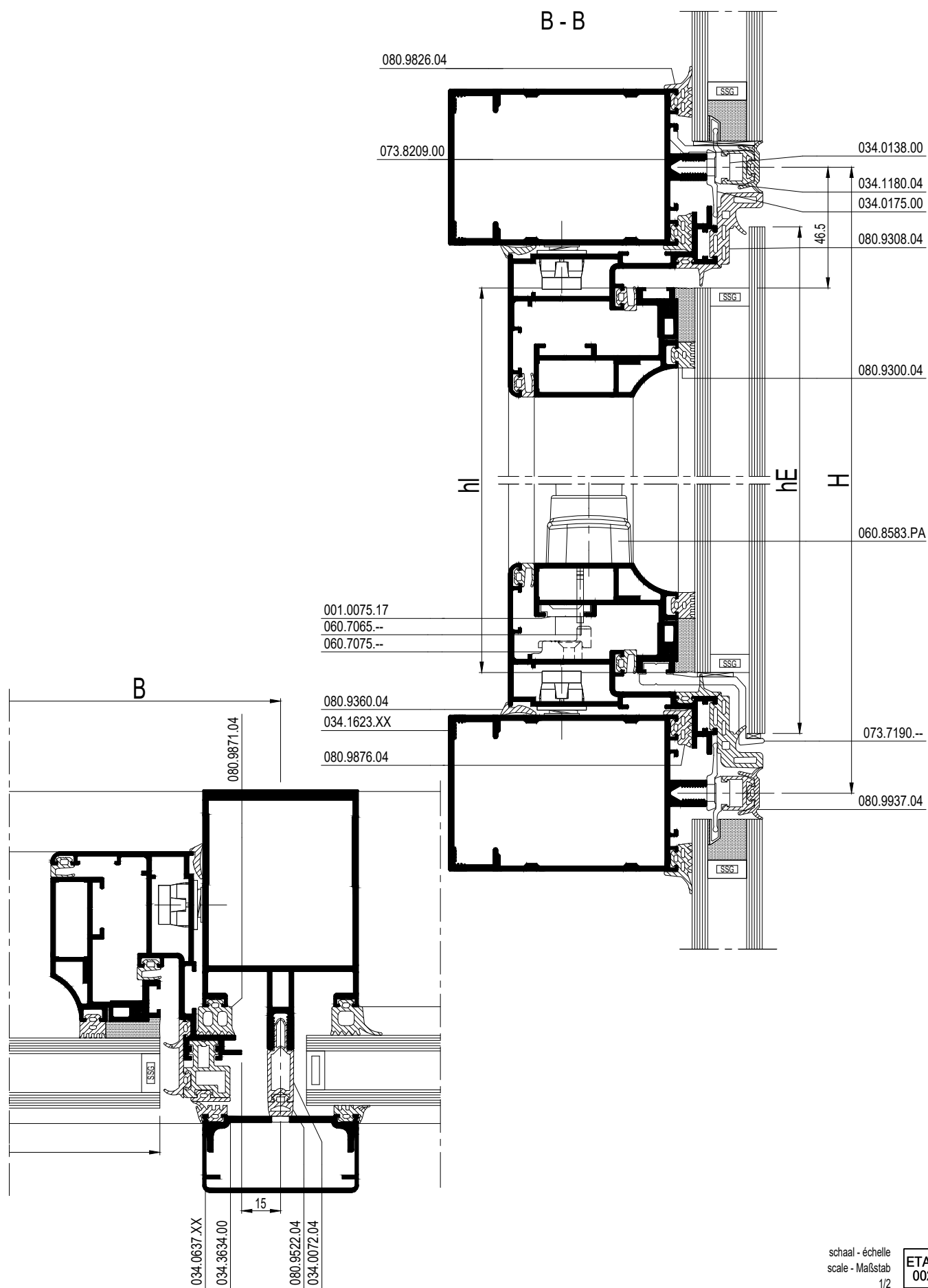
A - A

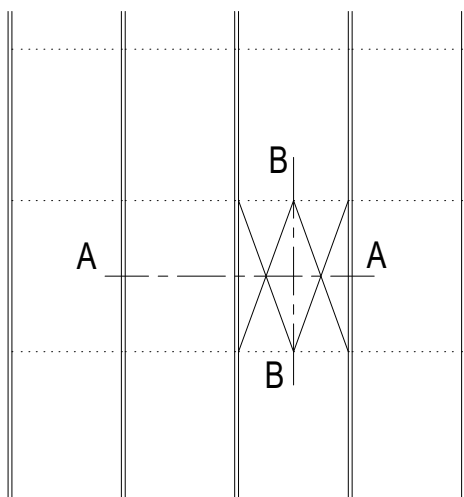


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0091651

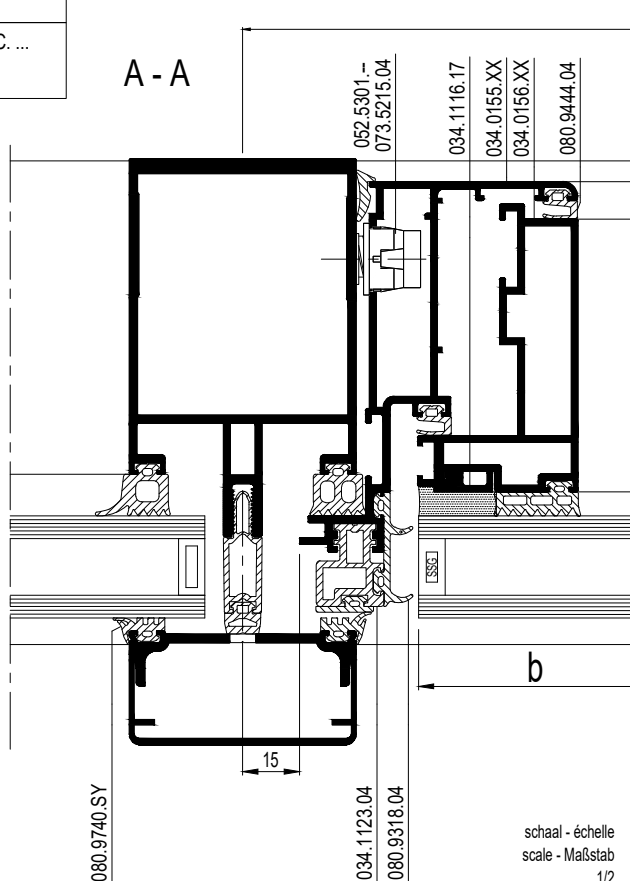
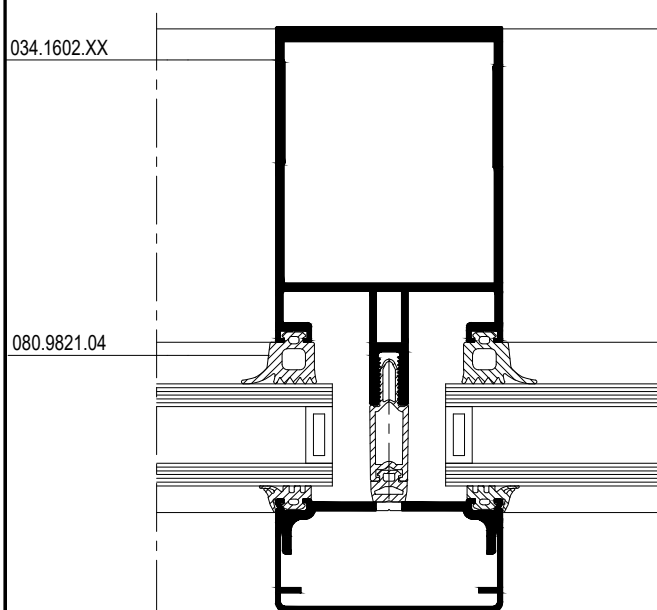




b = B - 93
hl = H - 93
hE = H - 56

			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
034.1123.04			2	H - 38.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.7129.XX		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9303.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9308.04		2x(B-10)	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0091652

		#	
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(*) of/ou/or/oder

021.5650.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

021.5660.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

060.8370.--		1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...
060.7169.--		1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...

080.9826.04

073.8209.00

080.9876.04

034.0130.00

034.0175.00

080.9308.04

080.9303.04

060.8583.PA

001.0075.17

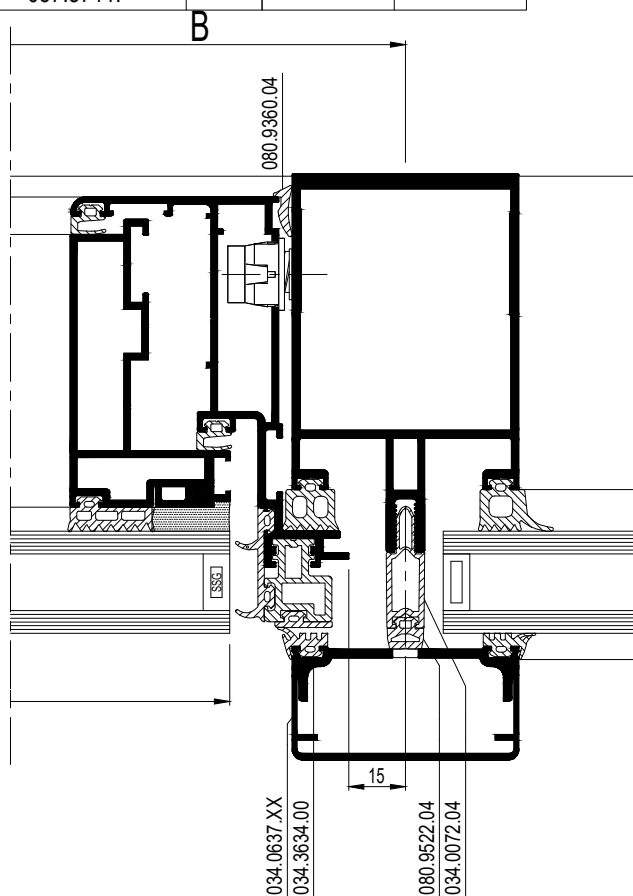
060.7065.--

060.7075.--

073.7190.39

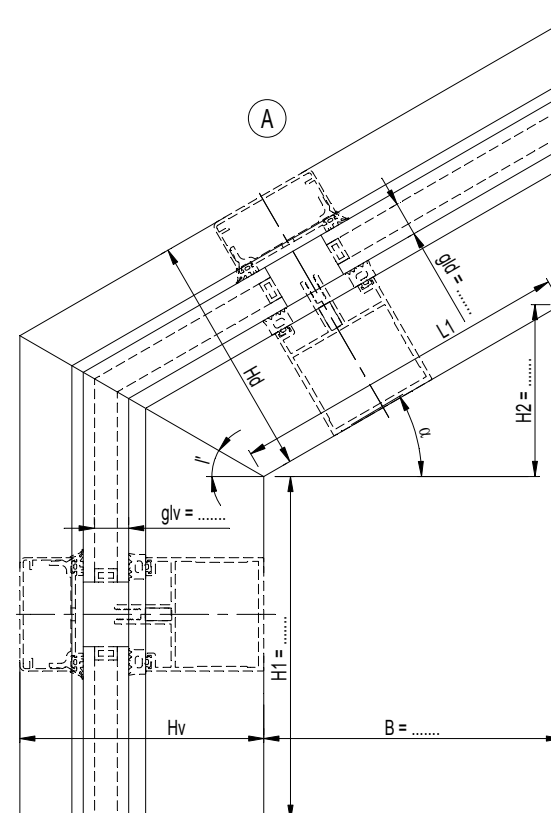
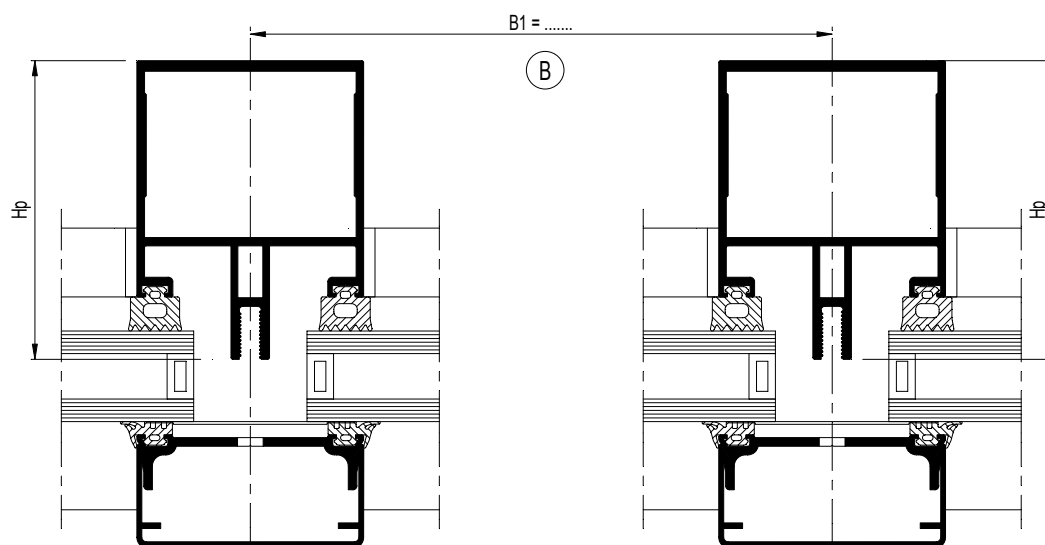
034.1180.04

080.9937.04



schaal - échelle
scale - Maßstab
1/2

ETAG
002



PARAMETERS/PARAMETRES/PARAMETERS/PARAMETER

H1 = mm
H2 = mm (>0 !)
B = mm
glv = mm
gld = mm
B1 = mm

keuze-choix/choice/Wahl A (034.160X.XX) :

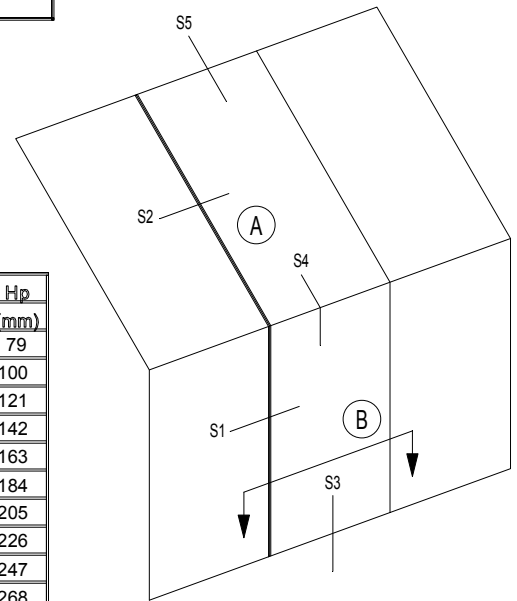
UIT TABELLEN/DES TABELLES/FROM TABLES/AUS TABELLEN

Hp = mm

TE BEREKENEN/A CALCULER/TO CALCULATE/ZU BERECHNEN

Hv = Hp - 16.5 + 9 + glv + 3.5 + 2.5 + 27.5 = mmHd = Hp - 16.5 + 9 + gld + 3.5 + 2.5 + 27.5 = mm $\alpha = \text{Bgtg}(H2/B) =$ ° $l' = 45^\circ - (\alpha/2) =$ °L1 = $B/\cos\alpha =$ mm

	Hp (mm)
034.1601.XX	79
034.1602.XX	100
034.1604.XX	121
034.1605.XX	142
034.1606.XX	163
034.1607.XX	184
034.1608.XX	205
034.1609.XX	226
034.1610.XX	247
034.1611.XX	268



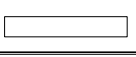
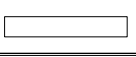
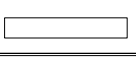
FORMULES VOOR SECTIE S1
FORMULES POUR SECTION S1
FORMULAS FOR SECTION S1
FORMELN FÜR SCHNITT S1

034.160X.XX	H1 + (Hp*tg(l')) = mm	tu= 0 ti= 0	tu= l' = ° ti= 0	
034.3634.XX	H1 + ((Hv-30)*tg(l')) = mm	tu= 0 ti= 0	tu= 0 ti= 0	
034.0637.XX	H1 + (Hv*tg(l')) = mm	tu= 0 ti= 0	tu= l' = ° ti= 0	

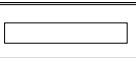
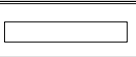
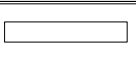
FORMULES VOOR SECTIE S2
FORMULES POUR SECTION S2
FORMULAS FOR SECTION S2
FORMELN FÜR SCHNITT S2

034.160X.XX	L1 + (Hp*tg(l'))+(Hp*tg(α)) = mm	tu= l' = ° ti= 0	tu= α = ° ti= 0	
034.3634.XX	L1 + ((Hd-30)*tg(l'))+((Hd-30)*tg(α)) = mm	tu= 0 ti= 0	tu= 0 ti= 0	
034.0637.XX	L1 + (Hd*tg(l'))+(Hd*tg(α)) = mm	tu= l' = ° ti= 0	tu= α = ° ti= 0	

FORMULES VOOR SECTIE S3
FORMULES POUR SECTION S3
FORMULAS FOR SECTION S3
FORMELN FÜR SCHNITT S3

034.1622.XX	B1 - 20 = mm	
034.3635.XX	B1 - 64 = mm	
034.0638.XX	B1 - 62 = mm	

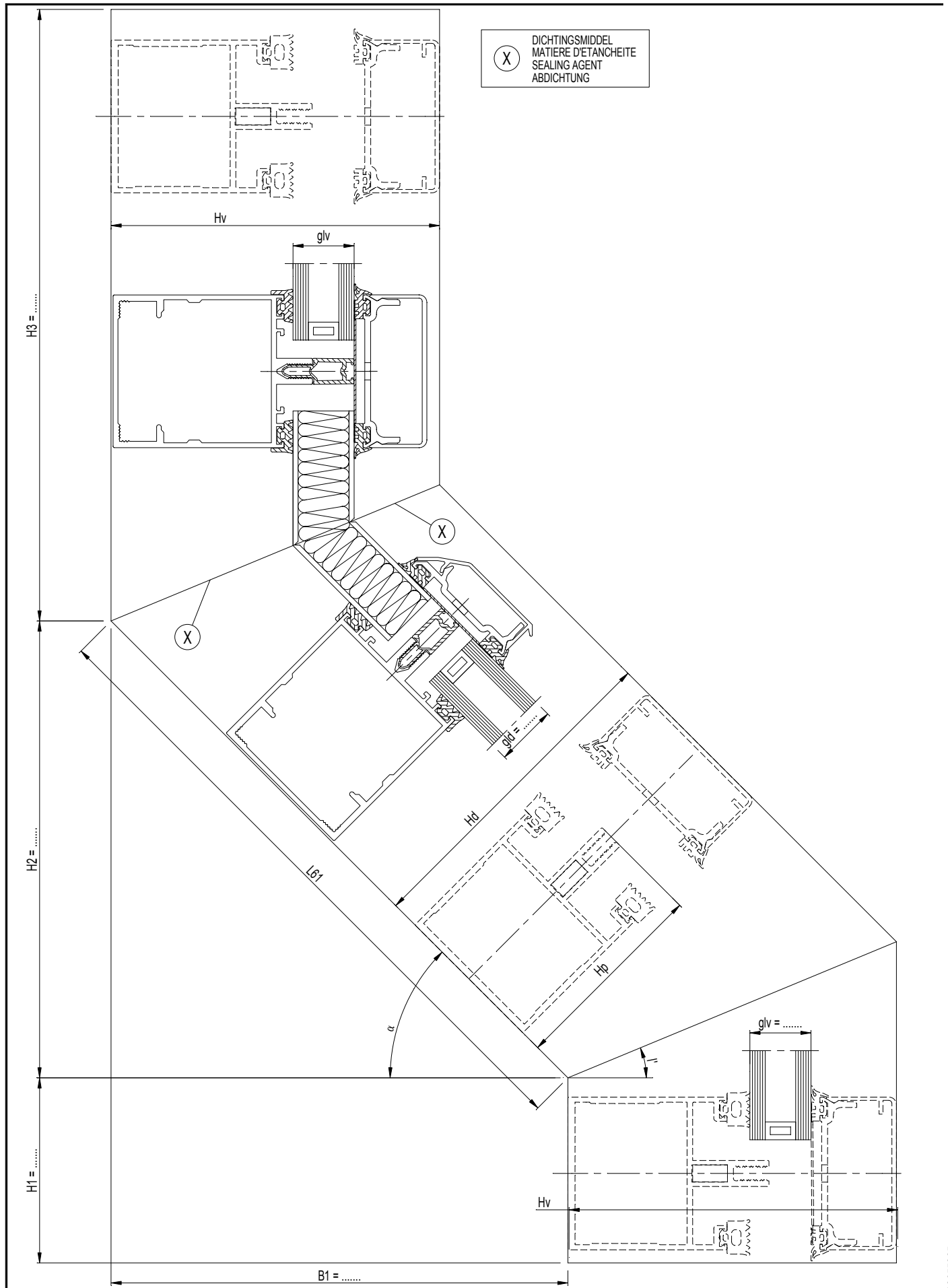
FORMULES VOOR SECTIE S5
FORMULES POUR SECTION S5
FORMULAS FOR SECTION S5
FORMELN FÜR SCHNITT S5

034.1622.XX	B1 - 20 = mm	
034.3635.XX	B1 - 64 = mm	
034.0637.XX	B1 - 62 = mm	

FORMULES VOOR SECTIE S4
FORMULES POUR SECTION S4
FORMULAS FOR SECTION S4
FORMELN FÜR SCHNITT S4

034.1564.XX	B1 - 20 = mm	
034.2571.00	B1 - 90 = mm	
034.0672.XX	B1 - 90 = mm	
034.1564.XX	B1 - 20 = mm	
034.2571.00	B1 - 64 = mm	
034.1574.XX	B1 - 62 = mm	

* voor α < 45°
pour
for
für



PARAMETERS/PARAMETRES/PARAMETERS/PARAMETER

H1 = mmH2 = mm (>0 !)B = mmglv = mmgld = mmB1 = mmkeuze-choix/choice/Wahl A (034.160X.XX): B2 = mm

	Hp (mm)
034.1601.XX	79
034.1602.XX	100
034.1604.XX	121
034.1605.XX	142
034.1606.XX	163
034.1607.XX	184
034.1608.XX	205
034.1609.XX	226
034.1610.XX	247
034.1611.XX	268

UIT TABELLEN/DES TABELLES/FROM TABLES/AUS TABELLEN

Hp = 79mm

TE BEREKENEN/A CALCULER/TO CALCULATE/ZU BERECHNEN

Hv = Hp - 16.5 + 9 + glv + 3.5 + 2.5 + 27.5 = mmHd = Hp - 16.5 + 9 + gld + 3.5 + 2.5 + 27.5 = mm $\alpha = \text{Bgtg}(H2/B) =$ ° $l' = 45^\circ - (\alpha/2) =$ °L61 = B/cos(α) = mm

FORMULES VOOR SECTIE S60

FORMULES POUR SECTION S60

FORMULAS FOR SECTION S60

FORMELN FÜR SCHNITT S60

034.16**XX	H1 + (Hp*tg(l')) = mm	tu= 0 ti= 0	tu= l' = ° ti= 0	
034.3634.00	H1 + ((Hv-30)*tg(l')) = mm	tu= 0 ti= 0	tu= 0 ti= 0	
034.0637.XX	H1 + (Hv*tg(l')) = mm	tu= 0 ti= 0	tu= l' = ° ti= 0	

FORMULES VOOR SECTIE S61

FORMULES POUR SECTION S61

FORMULAS FOR SECTION S61

FORMELN FÜR SCHNITT S61

034.16**XX	L61 + (Hp*tg(l')) = mm	tu= l' = ° ti= 0	tu= l' = ° ti= 0	
034.3634.00	L61 = mm	tu= 0 ti= 0	tu= 0 ti= 0	
034.0637.XX	L61 + (27.5*tg(l')) = mm	tu= l' = ° ti= 0	tu= l' = ° ti= 0	

FORMULES VOOR SECTIE S62

FORMULES POUR SECTION S62

FORMULAS FOR SECTION S62

FORMELN FÜR SCHNITT S62

034.16**XX	H3 = mm	tu= l' = ° ti= 0	tu= 0 ti= 0	
034.3634.00	H3 - ((Hv-30)*tg(l')) = mm	tu= 0 ti= 0	tu= 0 ti= 0	
034.0637.XX	H3 - (Hv*tg(l')) = mm	tu= l' = ° ti= 0	tu= 0 ti= 0	

FORMULES VOOR SECTIE S63

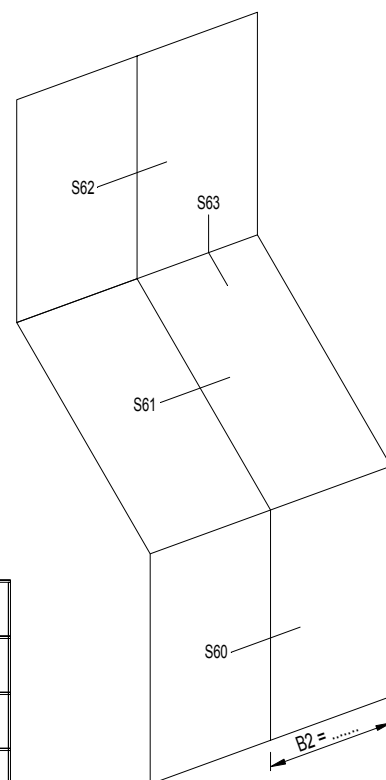
FORMULES POUR SECTION S63

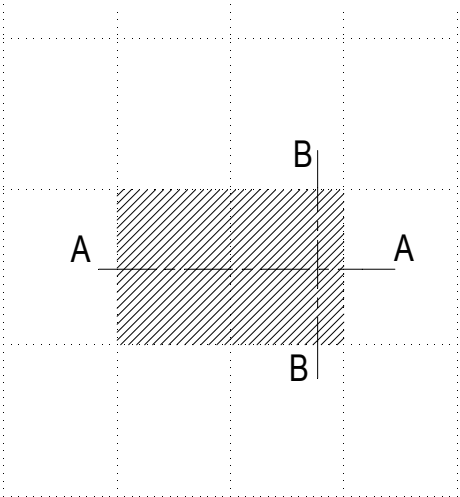
FORMULAS FOR SECTION S63

FORMELN FÜR SCHNITT S63

034.1622.XX	B2 - 20 mm	
034.3635.XX	B2 - 64 mm	
034.0638.XX	B2 - 62 mm	
034.1622.XX	B2 - 20 mm	
034.2571.00	B2 - 90 mm	
034.0570.XX	B2 - 90 mm	

* voor $\alpha < 45^\circ$
pour
for
für





			#		
034.0131.XX (*) 034.1116.17			2	B - 20	52.C---
			2	H - 20	52.C---

		#	
068.8051.00		4	52.G---

(*) of/ou/or/oder

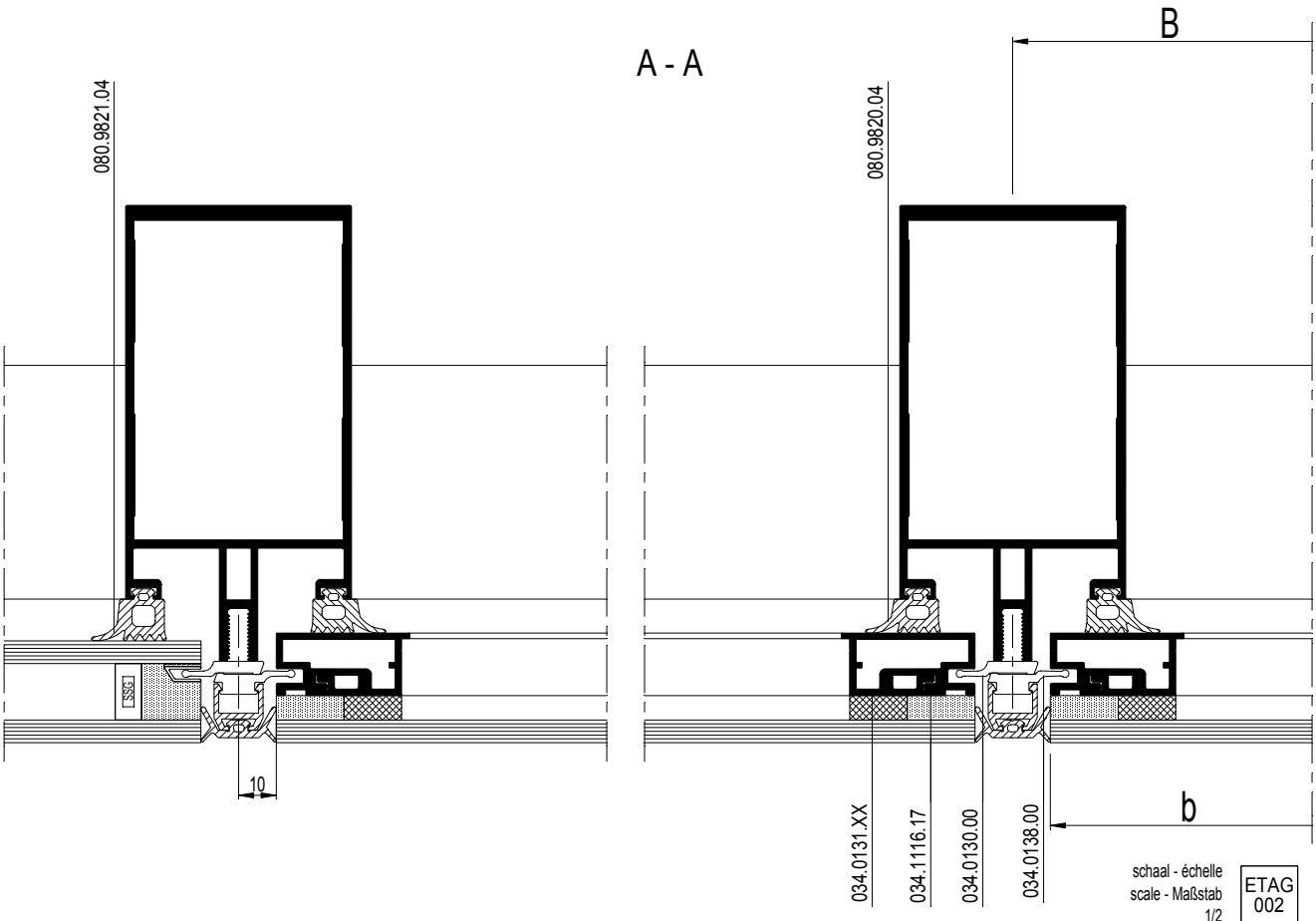
			#		
034.0127.XX 034.1116.17			2	B - 20	52.C---
			2	H - 20	52.C---
034.0128.XX 034.1116.17			2	B - 20	52.C---
			2	H - 20	52.C---



b = B - 20

h = H - 20

A - A

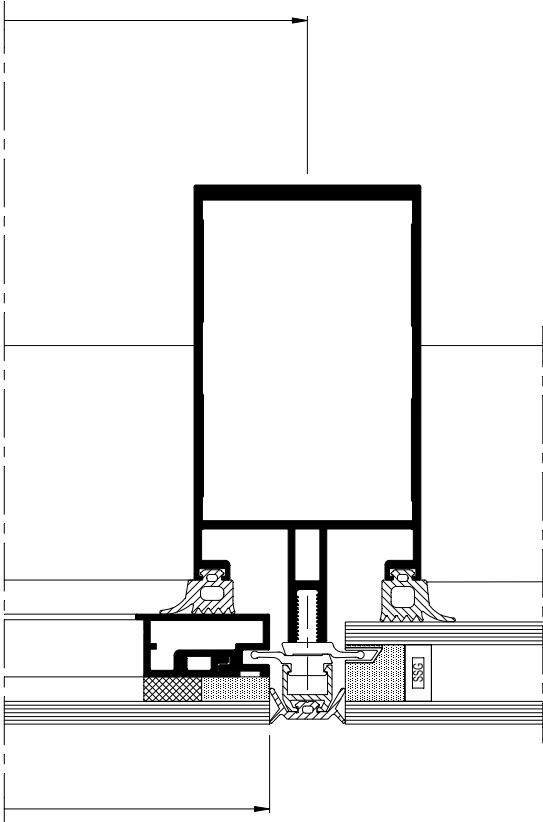
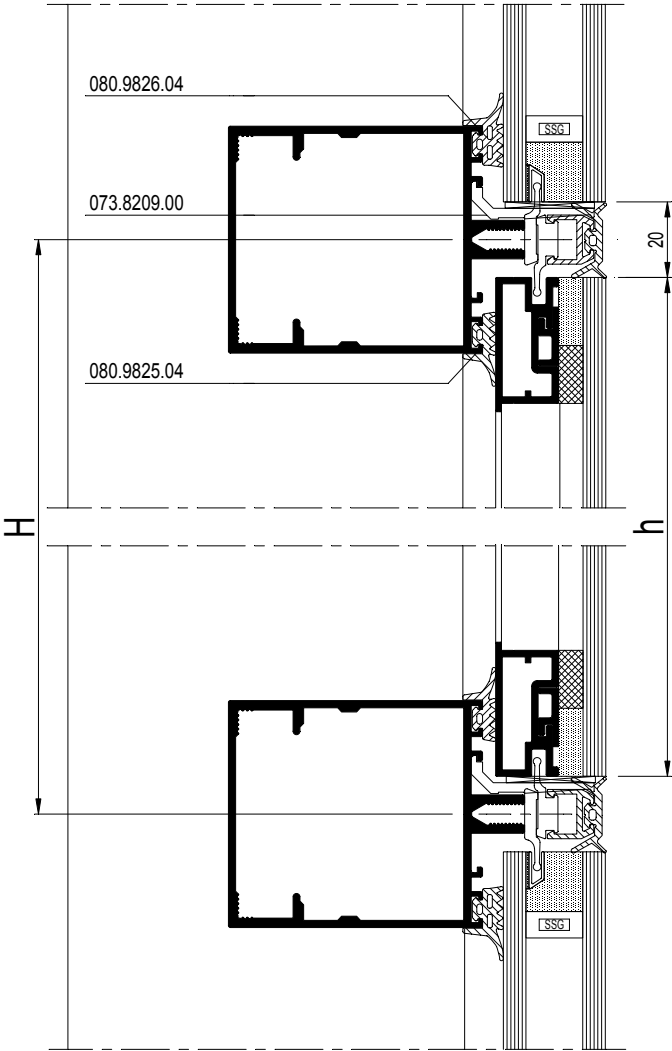


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0055887

B - B

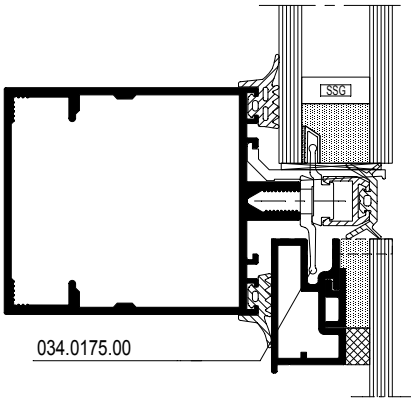


schaal - échelle
scale - Maßstab
1/2

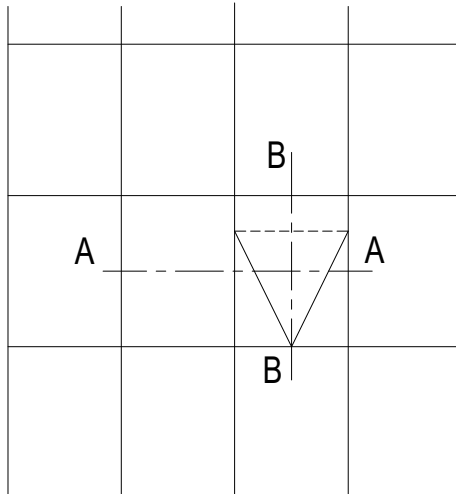
ETAG
002

DILATATIE
DILATATION
EXPANSION
AUSDEHNUNG

b = B - 20
h = H - 22



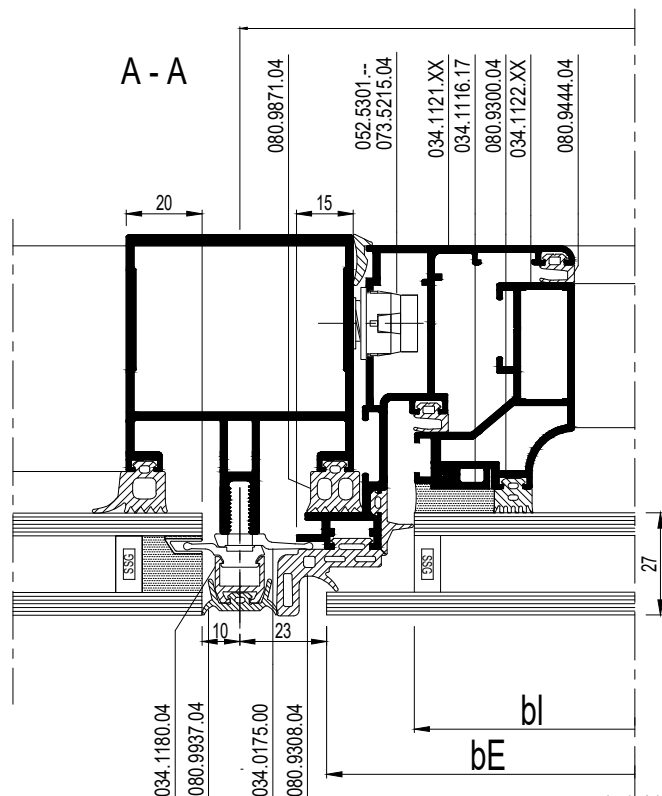
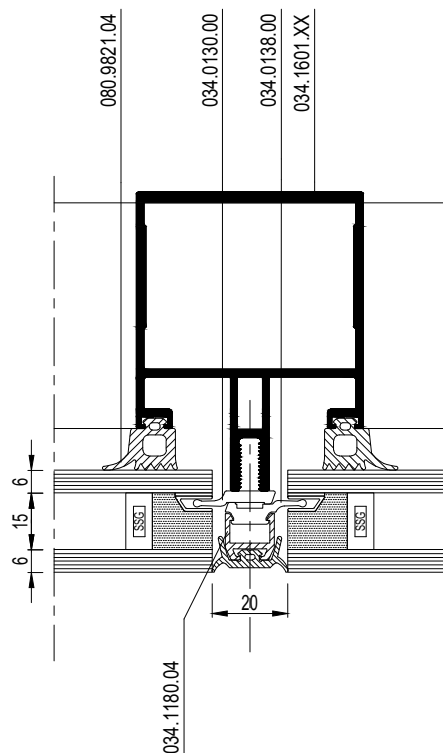
			#	Lm	
034.0127.XX			2	B - 20	51.G.049
034.1116.17			2	H - 24	51.G.026
(*) of/ou/or/oder					
034.0128.XX			2	B - 20	51.C.049
034.1116.17			2	H - 20	51.C.026



bl = B - 93
bE = B - 46
hl = H - 93
hE = H - 46

			#	$\leftarrow L_m \rightarrow$	
034.1121.XX			2	B - 30	52.C. ...
034.1122.XX			2	H - 30	52.C. ...
034.1116.17			2	B - 92.5	52.C. ...
001.0075.17			2	H - 92.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.--		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
069.7073.01		52.F. ...	52.G. ...
052.5312.--		2x069.7073.01	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-240	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

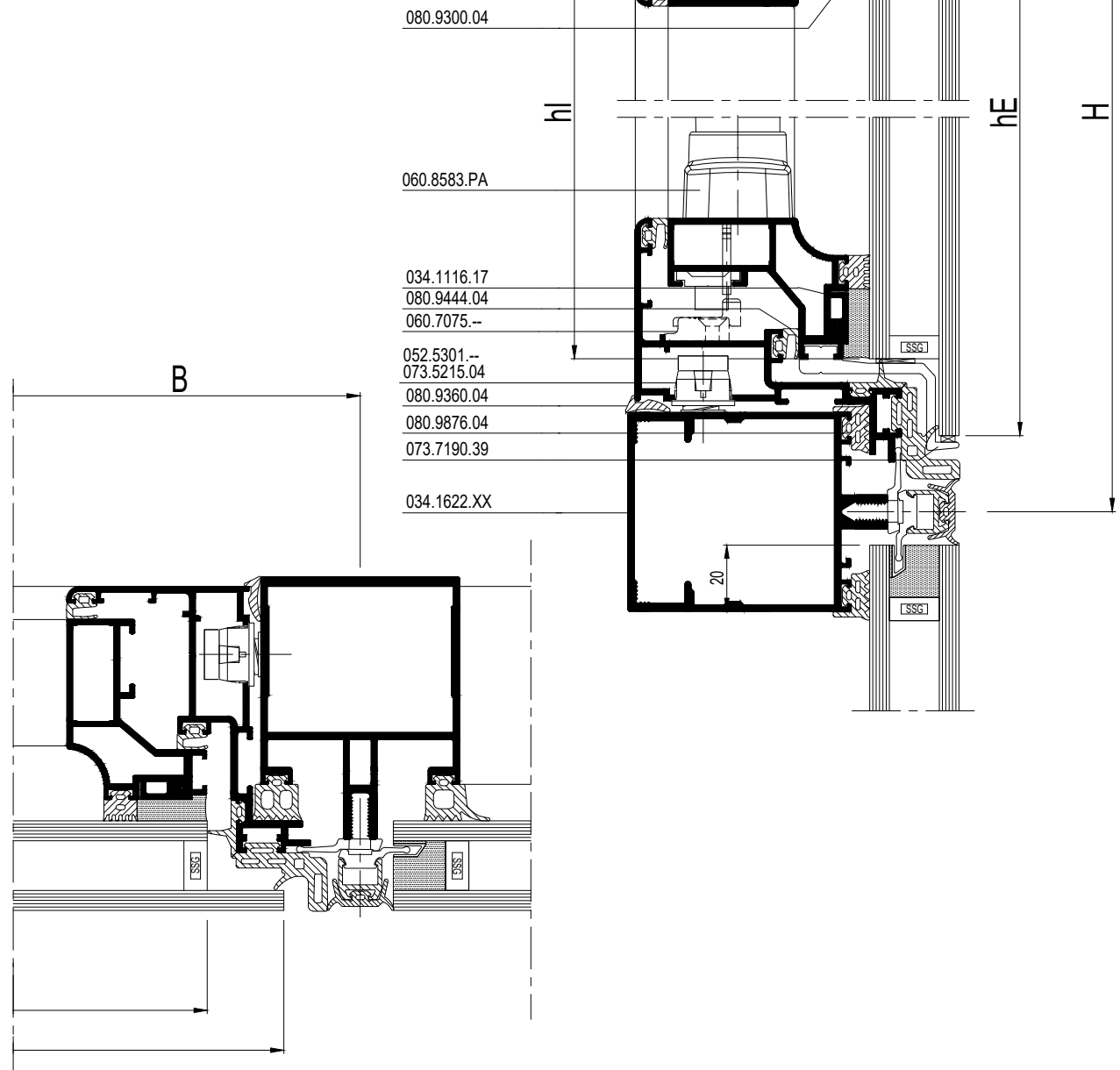
D0072058

(*) of/ou/or/oder

021.5650.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

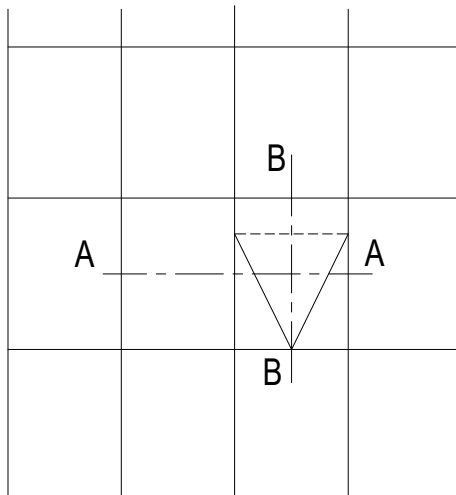
021.5660.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

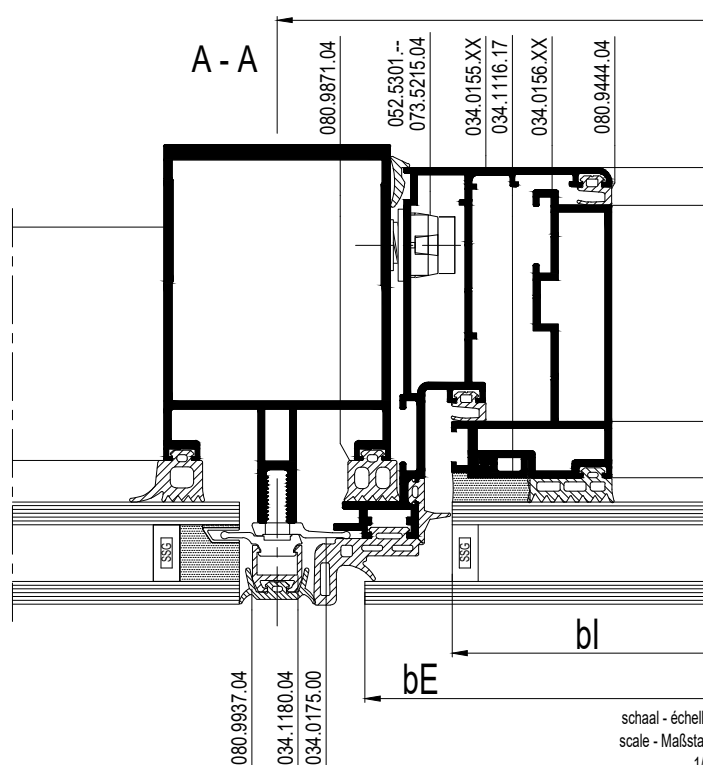
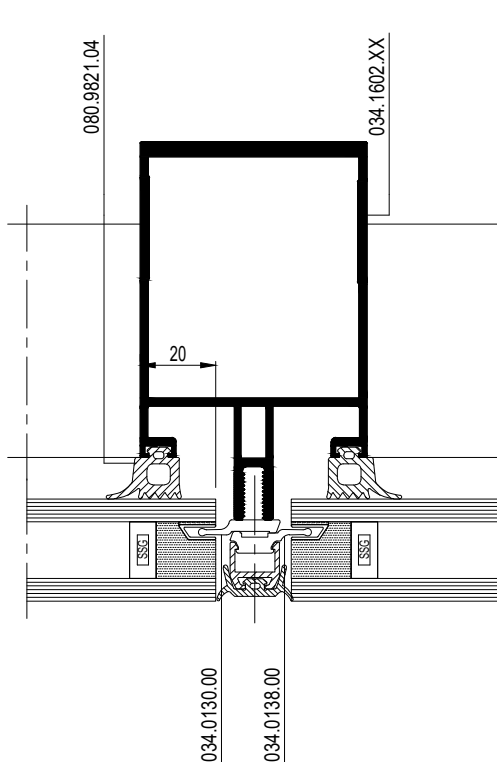
D0072068



bl = B - 93
bE = B - 46
hl = H - 93
hE = H - 46

			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
021.5640.-- (*)		1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		6	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9303.04		(2xH)+(2xB)-240	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9308.04		2x(H-10)+ 2x(B)	52.G. ...



schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0077163

		#	
---	---	---	---

(*) of/ou/or/oder

021.5650.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

021.5660.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
050.5009.--		8	52.G. ...
057.5710.--		6	52.G. ...
057.5711.--		4	52.G. ...
050.5012.--		2	52.G. ...

(*) of/ou/or/oder

060.8370.--	☒	1	52.G. ...
050.5119.--		12	52.G. ...
057.5711.--		12	52.G. ...
050.5009.--		4	52.G. ...
052.5344.--		4	52.G. ...

060.7169.--	☒	1	52.G. ...
050.5119.--		6	52.G. ...
052.5330.--		8	52.G. ...
057.5711.--		6	52.G. ...

B - B

080.9826.04

080.9876.04

080.9303.04

060.8583.PA

060.7075.--

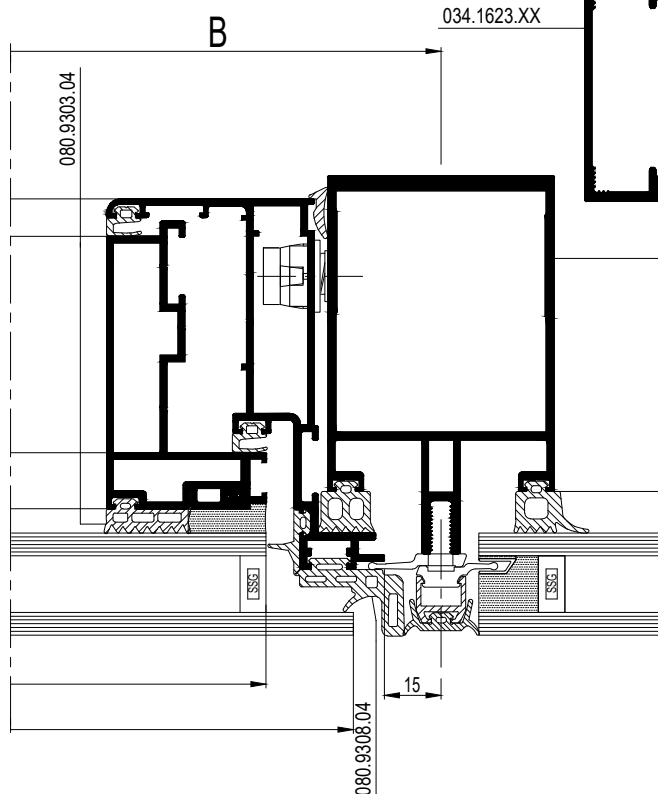
052.5301.--

073.5215.04

080.9360.04

034.1623.XX

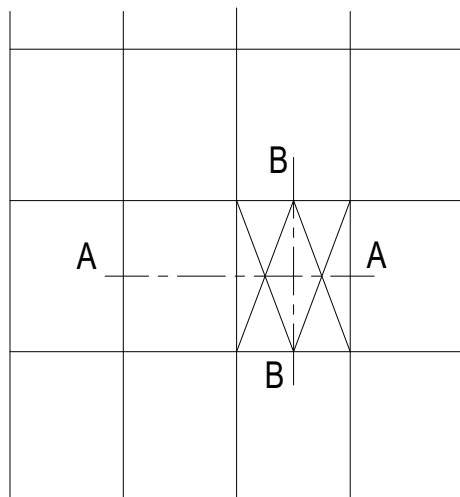
080.9937.04



schaal - échelle
scale - Maßstab
1/2

ETAG
002

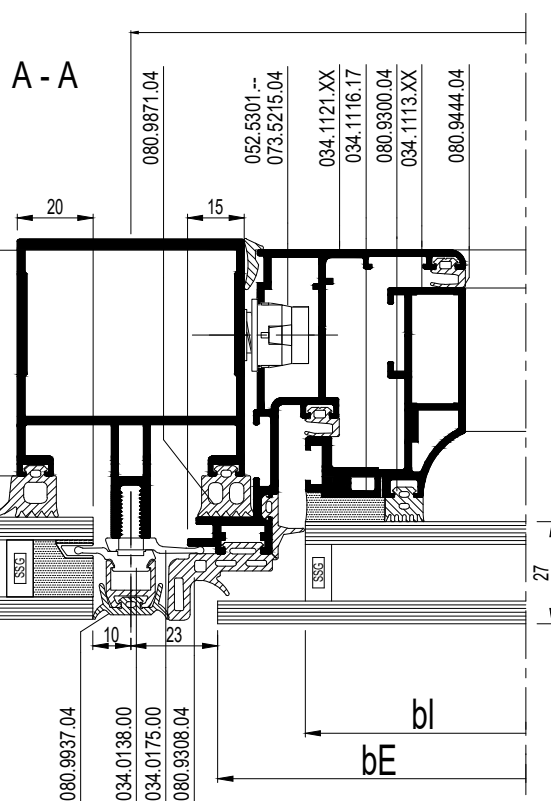
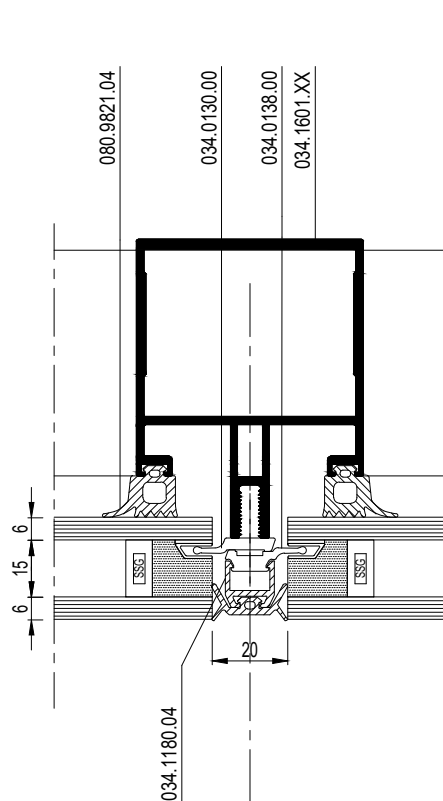
D0077163



bl = B - 93
bE = B - 46
hl = H - 93
hE = H - 46

			#	Lm	
034.1121.XX			2	B - 30	52.C. ...
034.1113.XX			2	H - 30	52.C. ...
034.1116.17			2	B - 92.5	52.C. ...
001.0075.17			-	H - 92.5	52.C. ...
001.0075.17			-	52.F. ...	52.C. ...

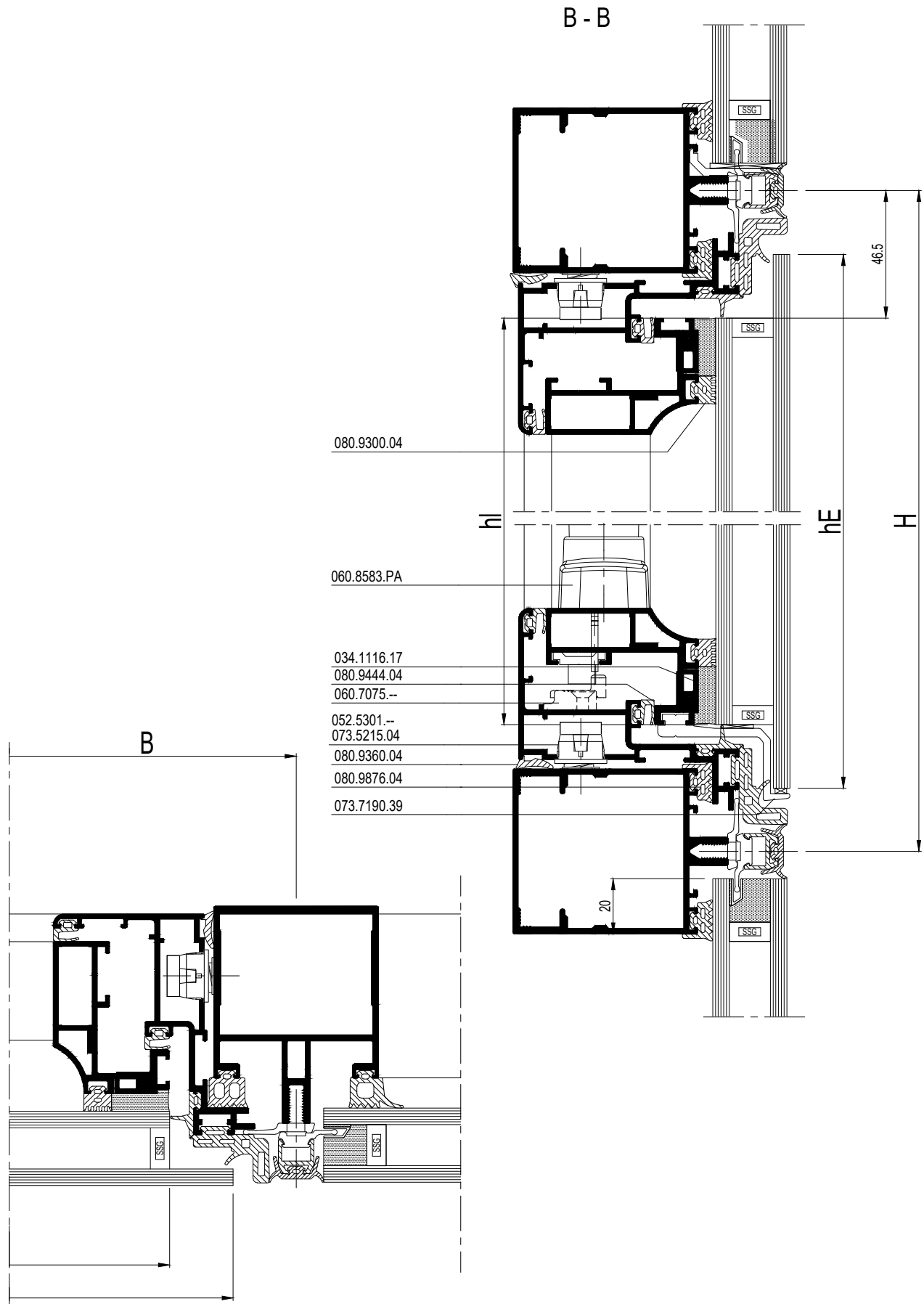
		#	
068.7571.00		4	52.G. ...
068.7562.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9300.04		(2xH)+(2xB)-400	52.G. ...
080.9318.04		2x(B-50)	52.G. ...
		2x(H-50)	52.G. ...
080.9444.04		(4xH)+(4xB)-450	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...

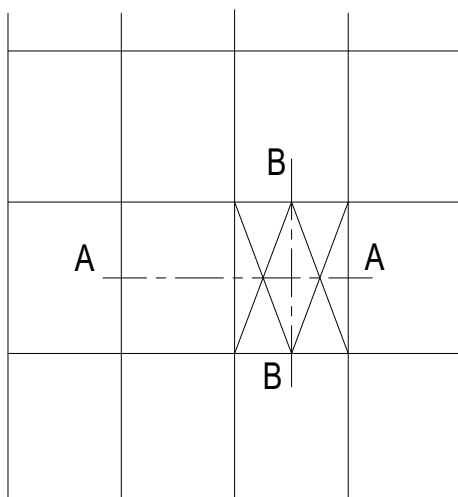


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0072074

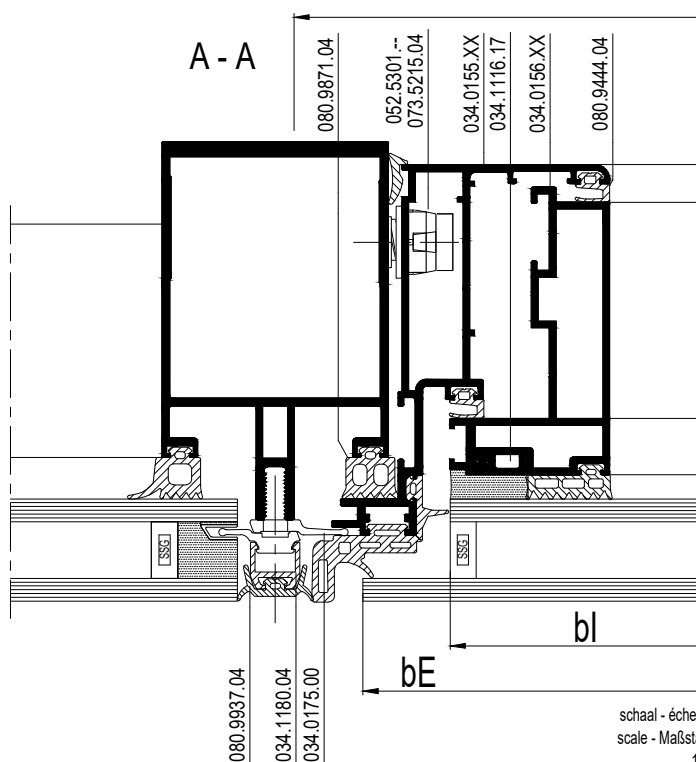
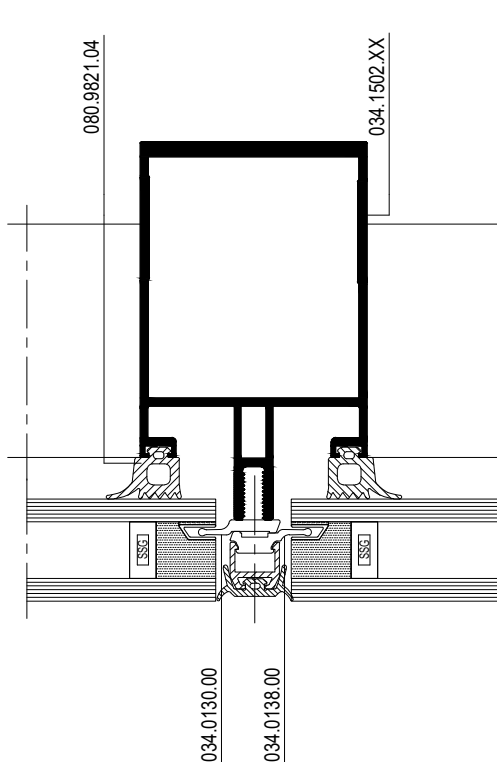




bl = B - 93
bE = B - 46
hl = H - 93
hE = h - 46

			#	$\overleftrightarrow{L_m}$	
034.0155.XX			2	B - 30	52.C. ...
			2	H - 30	
034.0156.XX			2	B - 92.5	52.C. ...
034.1116.17			2	H - 92.5	52.C. ...
080.9308.04			2	B - 38.5	52.C. ...
			2	H - 38.5	
001.0075.17			-	52.F. ...	52.C. ...

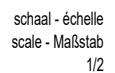
		#	
068.7561.00		4	52.G. ...
068.7560.00		4	52.G. ...
068.7563.00		4	52.G. ...
060.7722.--		4	52.G. ...
060.7075.--		52.F. ...	52.G. ...
060.7065.--		52.F. ...	52.G. ...
060.8583.PA		1	52.G. ...
060.7872.--		52.F. ...	52.G. ...
060.8360.--		52.F. ...	52.G. ...
060.8361.--		52.F. ...	52.G. ...
060.8366.--		52.F. ...	52.G. ...
050.5119.--		52.F. ...	52.G. ...
057.5711.--		52.F. ...	52.G. ...
073.7190.39		2	52.G. ...
073.5215.04		52.F. ...	52.G. ...
052.5301.--		52.F. ...	52.G. ...
080.9303.04		(2xH)+(2xB)-240	52.G. ...
080.9444.04		(4xH)+(4xB)-880	52.G. ...
080.9360.04		(2xH)+(2xB)-100	52.G. ...
080.9308.04		2x(H-10)+ 2x(B)	52.G. ...

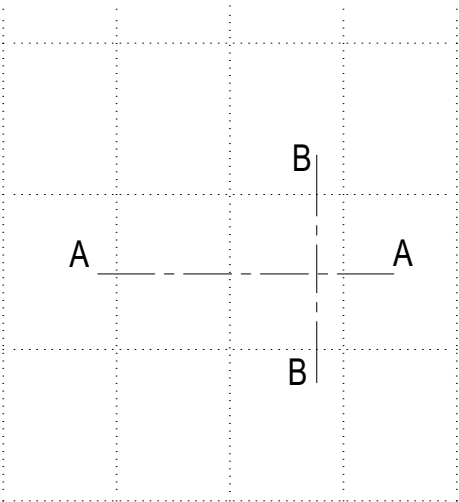


schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0077164



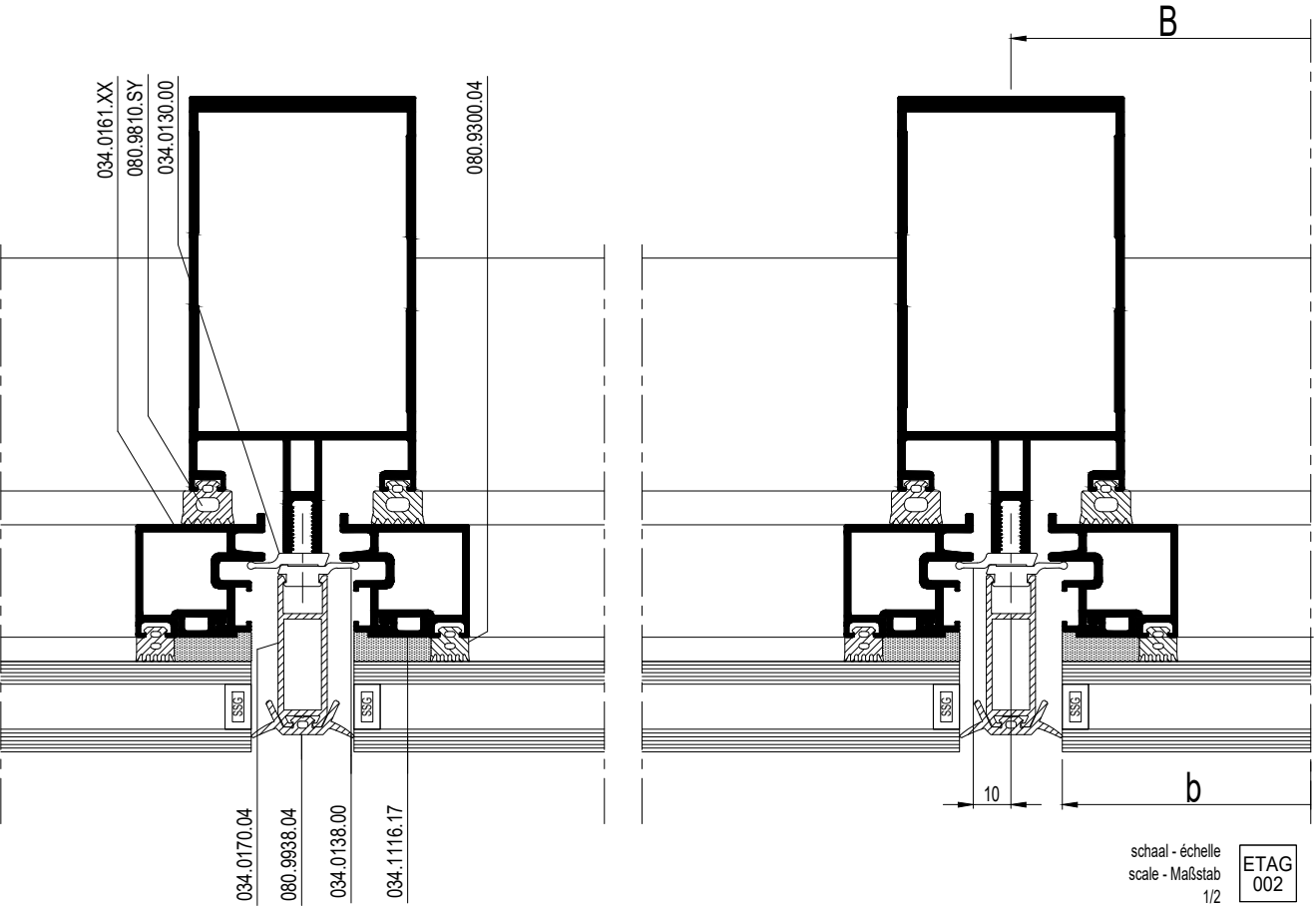


b = B - 27
h = H - 27

		#	
068.7320.00		8	52.G. ...
073.7290.39		2	52.G. ...
080.9300.04		(2xB)+(2xH)-78	52.G. ...

			#		
034.0161.XX 034.1116.17			2	B - 20	52.C. ...
			2	H - 20	52.C. ...

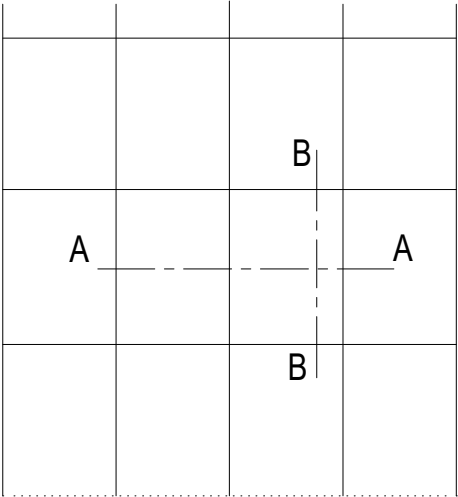
A - A



schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0055695



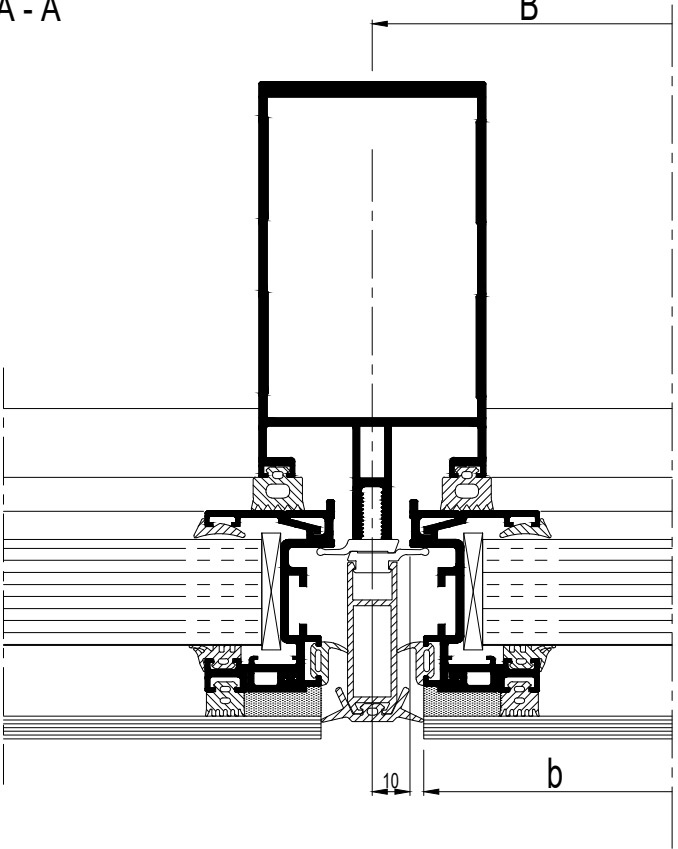
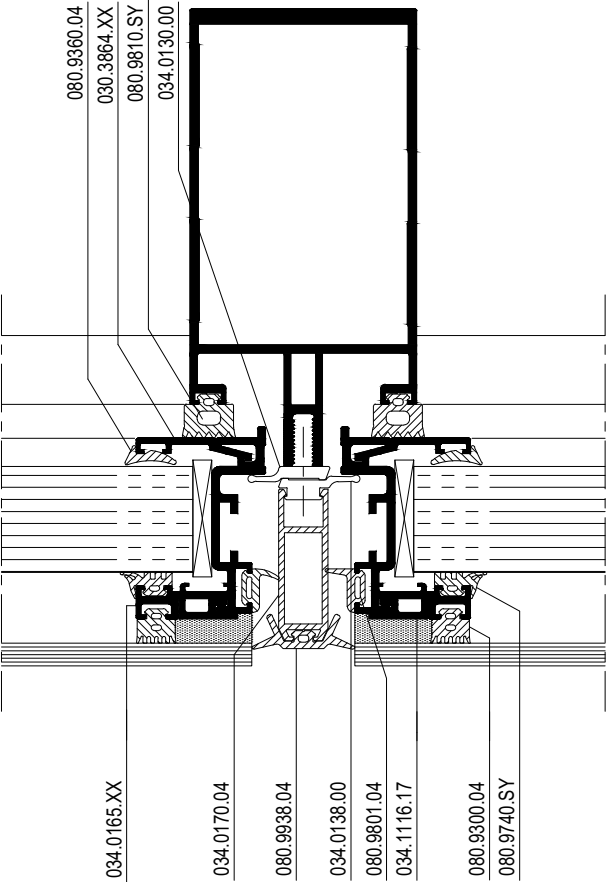
$b = B - 27$
$h = H - 27$

		#	
PROJECT SOL.		4	---
060.8721.00		4	51.G...
080.9801.04		$(2 \times B) + (2 \times H) - 40$	51.G...
080.9300.04		$(2 \times B) + (2 \times H) - 155$	51.G...
080.9360.04		$(2 \times B) + (2 \times H) - 160$	51.G...

			#	L_m	
034.0165.XX			2	B - 20	52.C. ...
034.1116.17			2	H - 20	52.C. ...
030.3864.XX			2	B - 27.4	52.C. ...
			2	H - 27.4	52.C. ...

A - A

B

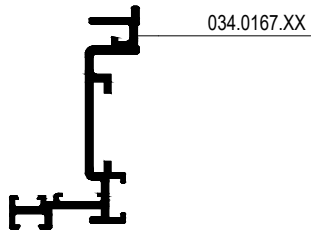


schaal - échelle
scale - Maßstab
1/2

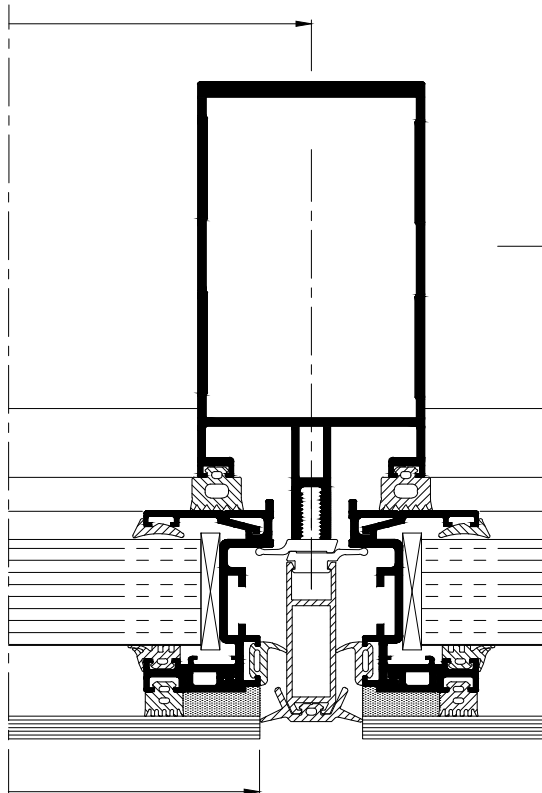
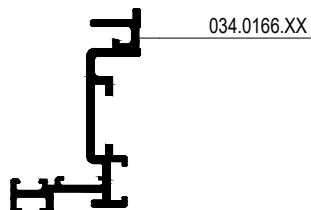
ETAG
002

D0055909

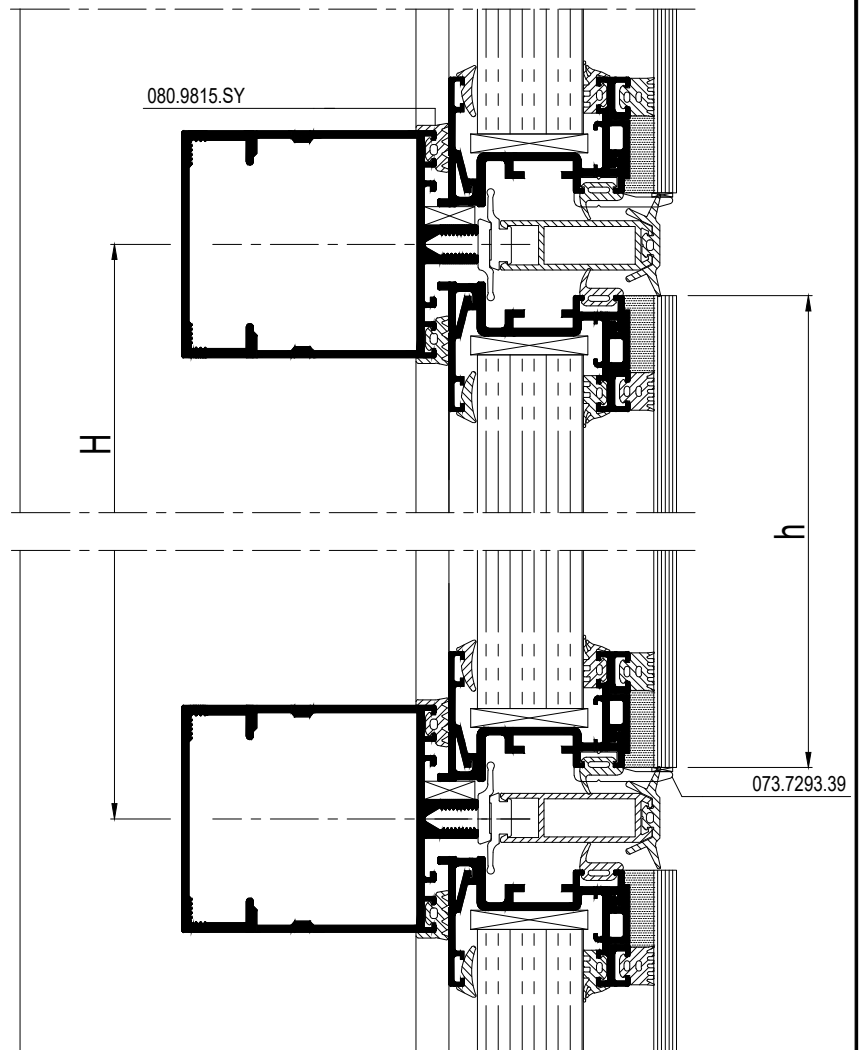
		#	
068.6094.00		4	52.G. ...
051.5240.--		16	52.G. ...



		#	
068.6109.00		4	52.G. ...
051.5240.--		16	52.G. ...



B - B



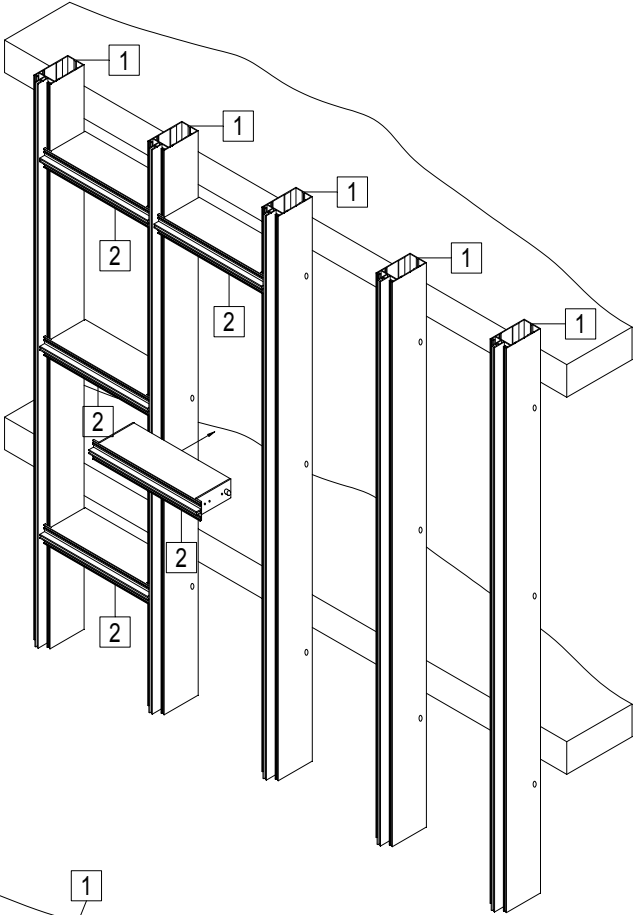
schaal - échelle
scale - Maßstab
1/2

ETAG
002

D0055909

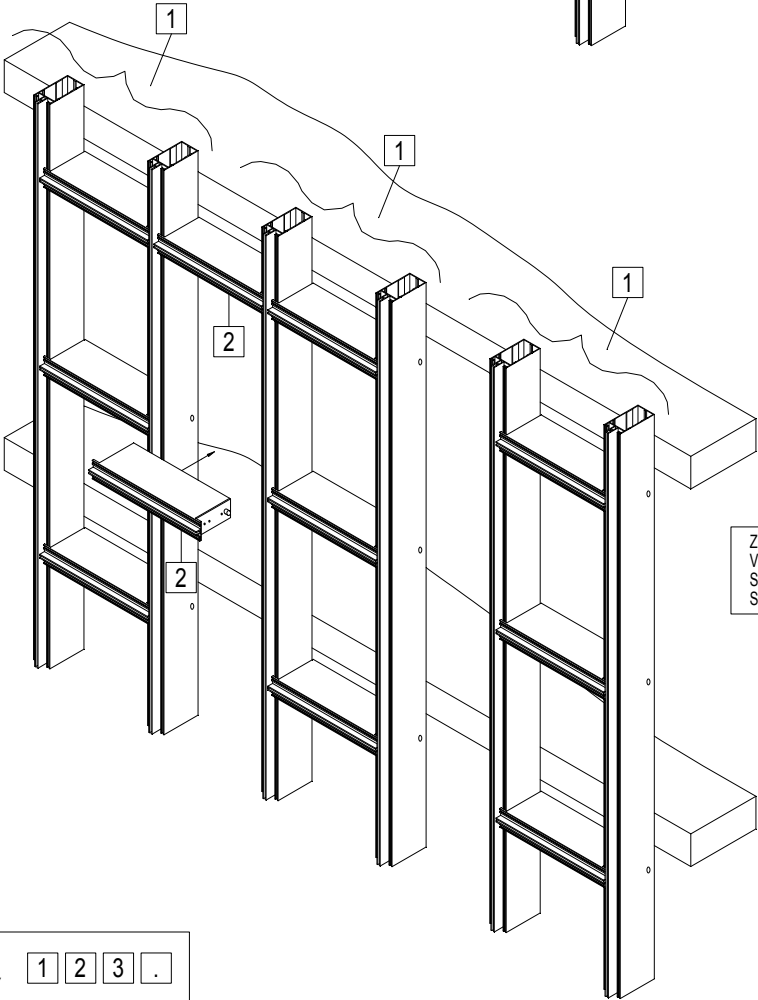
F

Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen



ZIE OOK BLZ.
VOIR AUSSI PAGE
SEE ALSO PAGE
SIEHE AUCH SEITE

51.F.012-019

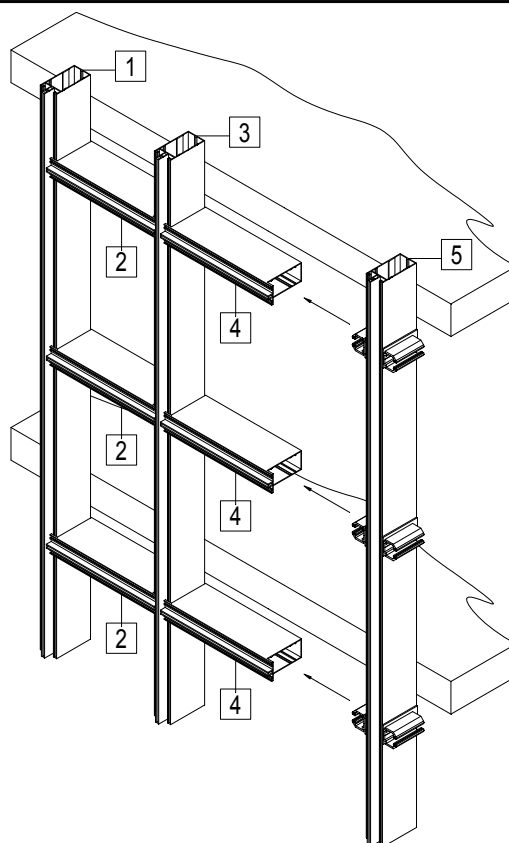


ZIE OOK BLZ.
VOIR AUSSI PAGE
SEE ALSO PAGE
SIEHE AUCH SEITE

51.F.012-019 + 51.F.024

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .



ZIE OOK BLZ.
VOIR AUSSI PAGE
SEE ALSO PAGE
SIEHE AUCH SEITE

51.F.020

A				
	095.C500.00		095.C600.00	
			097.R300.00	
	095.C700.00		097.R300.00	

B				
	095.C500.00		095.C600.00	
			097.S200.00	
	095.C700.00		097.S200.00	

C	
	097.0677.00

D	
	095.D440.00

E			
	095.C500.00		095.C600.00
			097.R600.00
	095.C700.00		097.R600.00
	097.0720.00		

F			
	095.C500.00		095.C600.00
			097.S100.00
	095.C700.00		097.S100.00

G			
	095.C500.00		095.C600.00
			097.R400.00

H			
	095.C500.00		095.C600.00
			097.R500.00

I			
	095.C500.00		095.C600.00
			097.L800.00
	095.C700.00		097.L800.00

J	
	097.0734.00

K	
	097.0721.00

M	
	097.0063.00

N			
	095.C500.00		095.C600.00
			097.Q500.00
	095.C700.00		097.Q500.00
	090.0113.00		

N1			
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			097.Q500.00
	095.C700.00		097.Q500.00

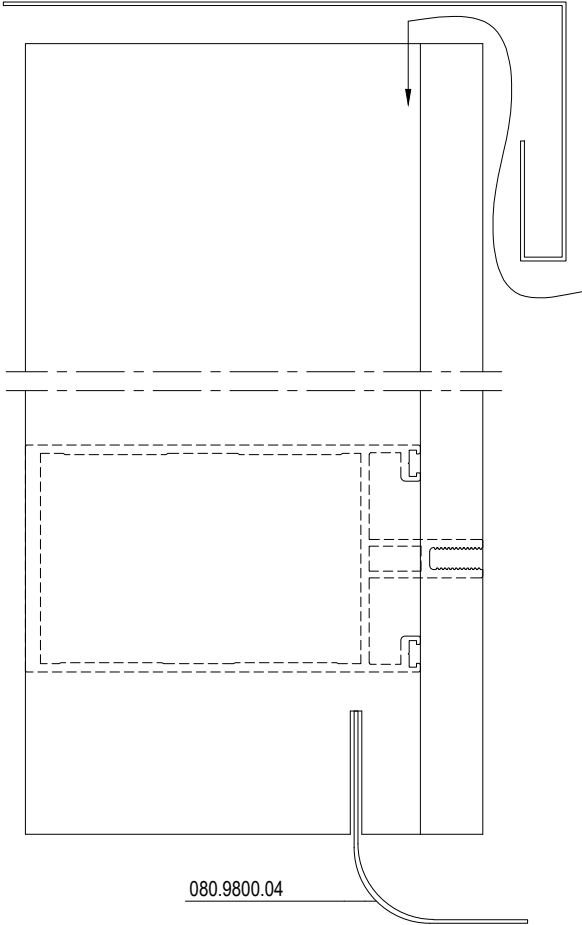
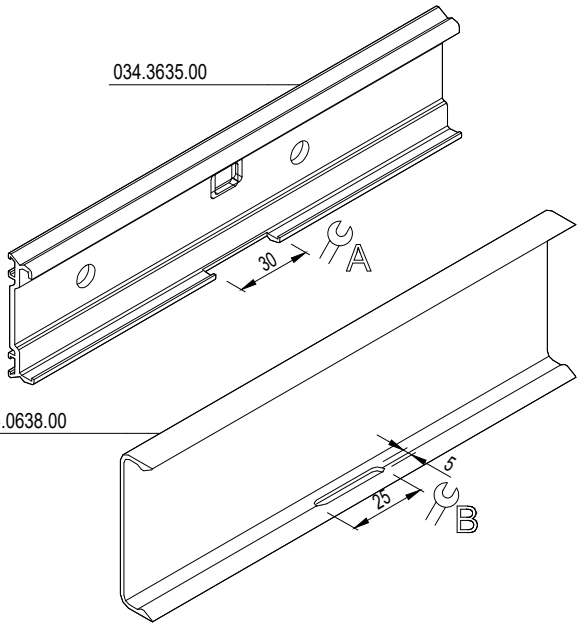
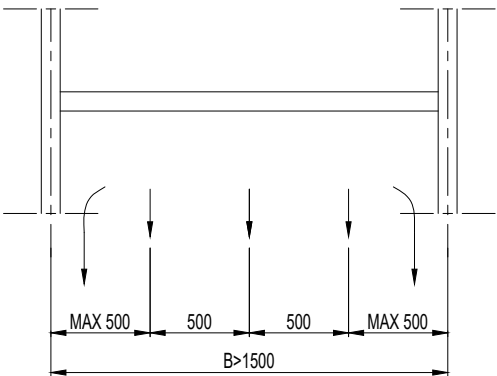
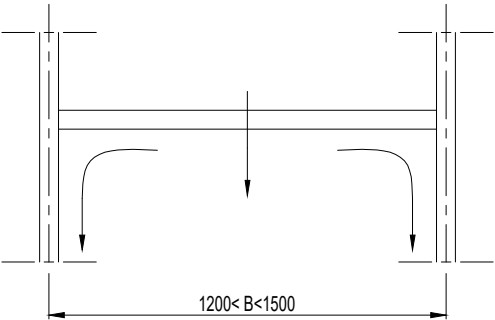
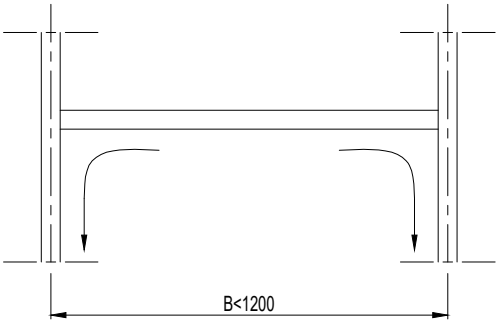
O	
	097.0070.00

P	
	097.0071.00

 R			
	095.C500.00		095.C600.00
			097.L800.00

 S	
	097.0001.00

 S1	
	097.0002.00

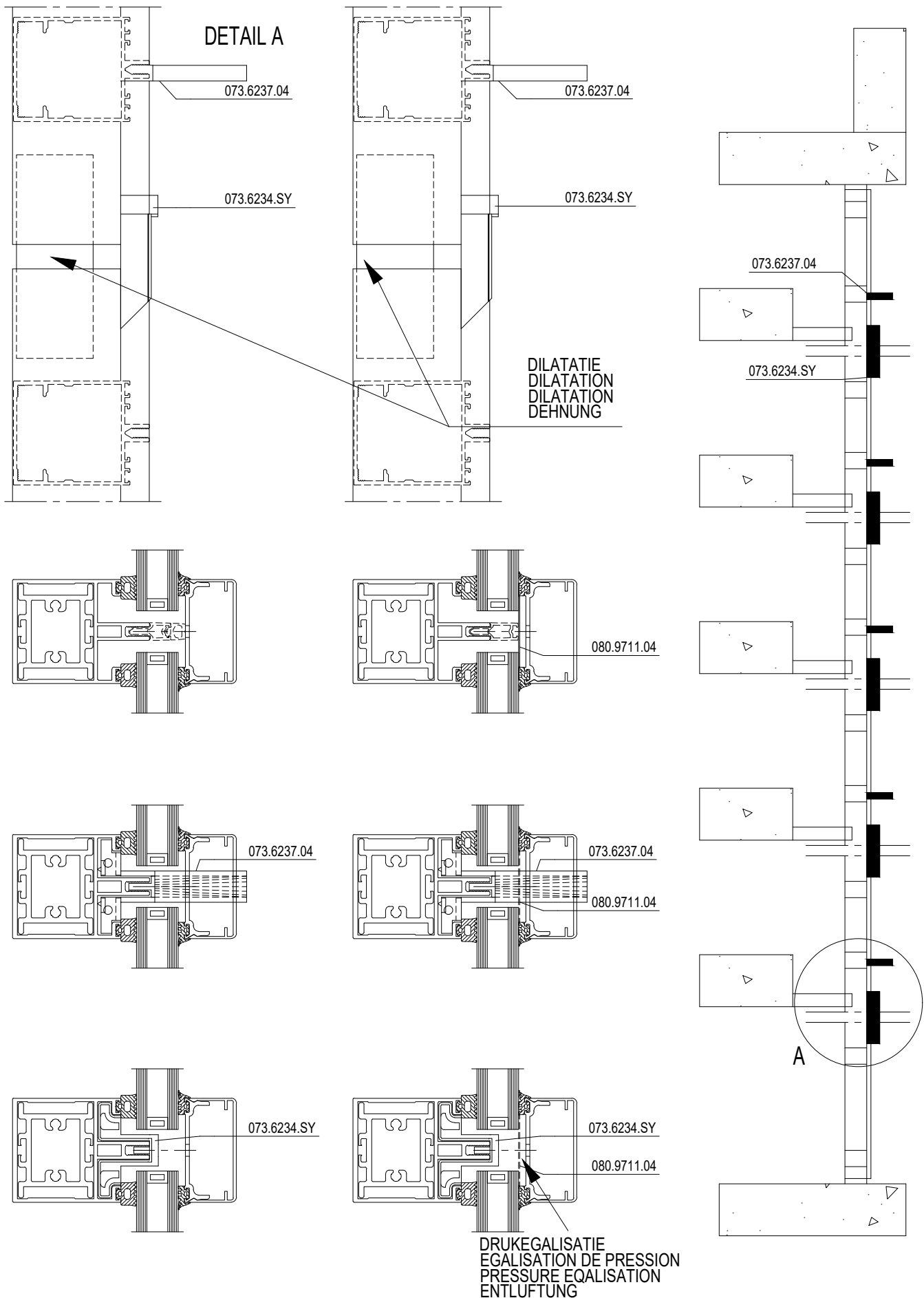


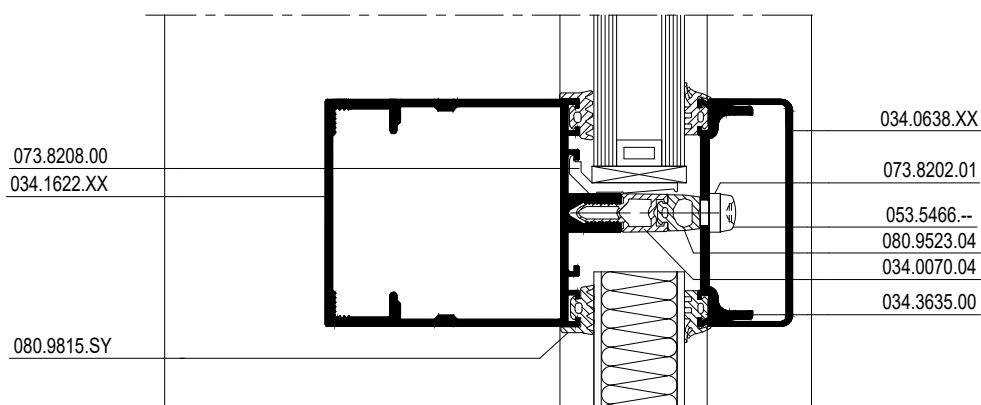
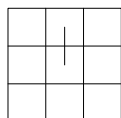
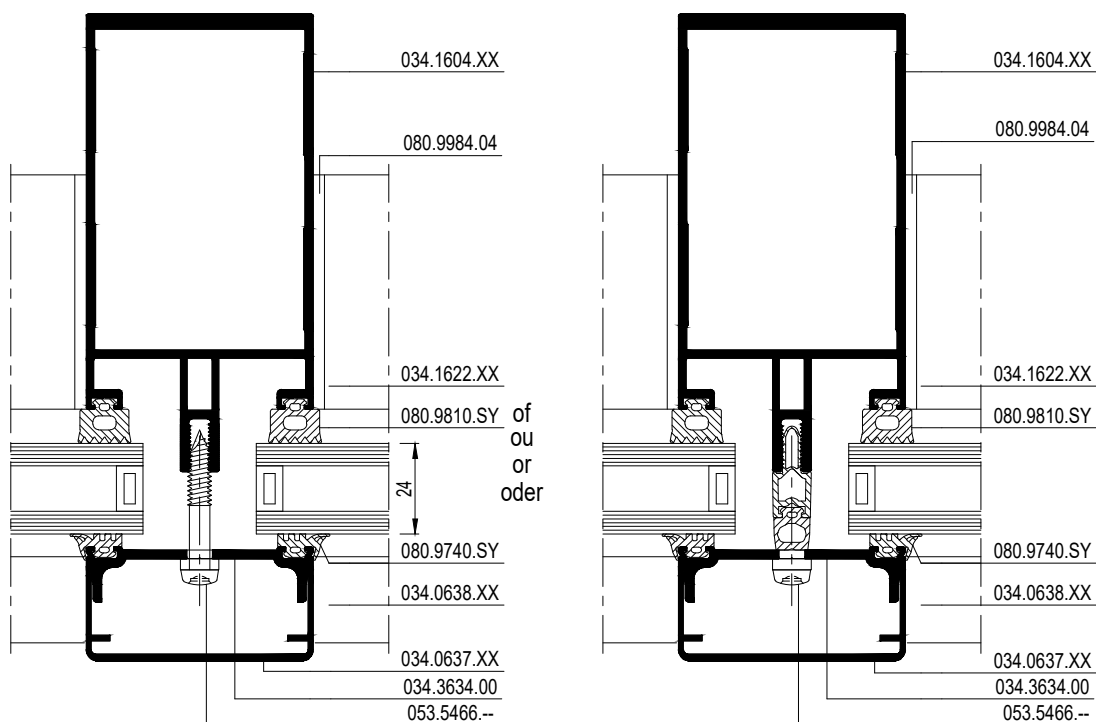
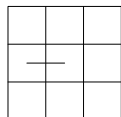
DRUKEGALISATIE
EGALISATION DE PRESSION
ENTLUFTUNG
PRESSURE EQUALISATION

ONTWATERING
DRAINAGE
ENTWAESSERUNG
DRAINAGE

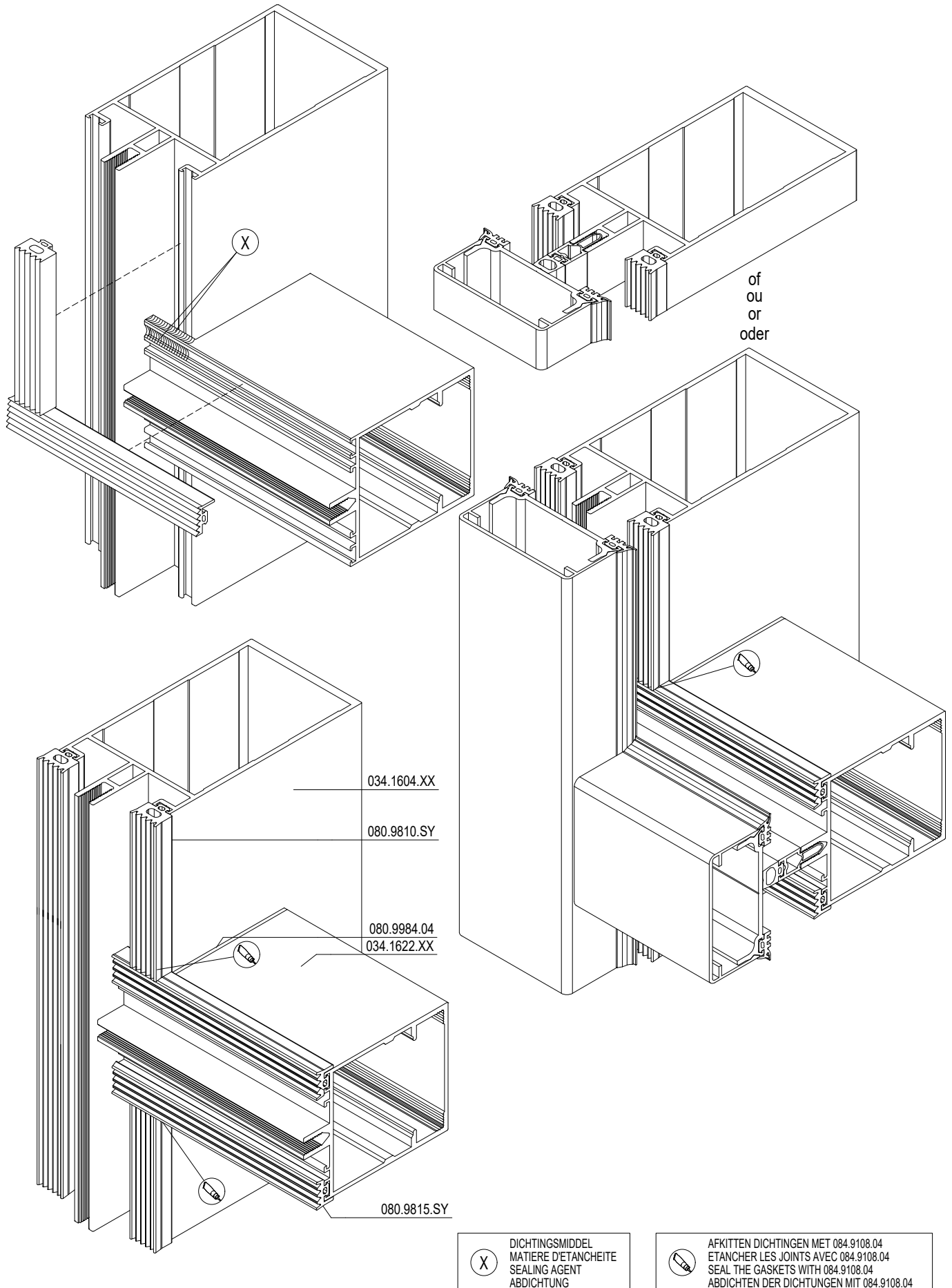
ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL

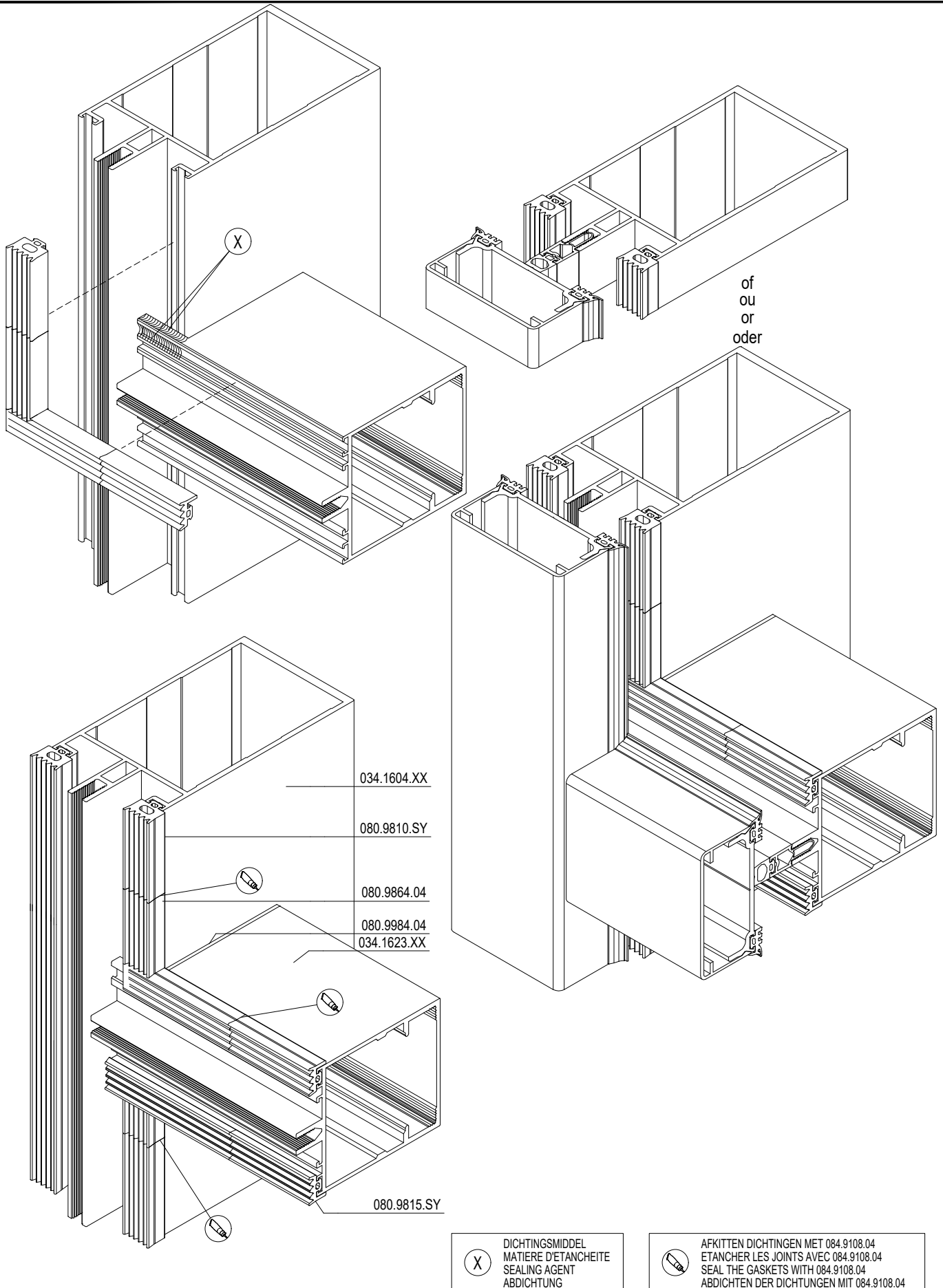






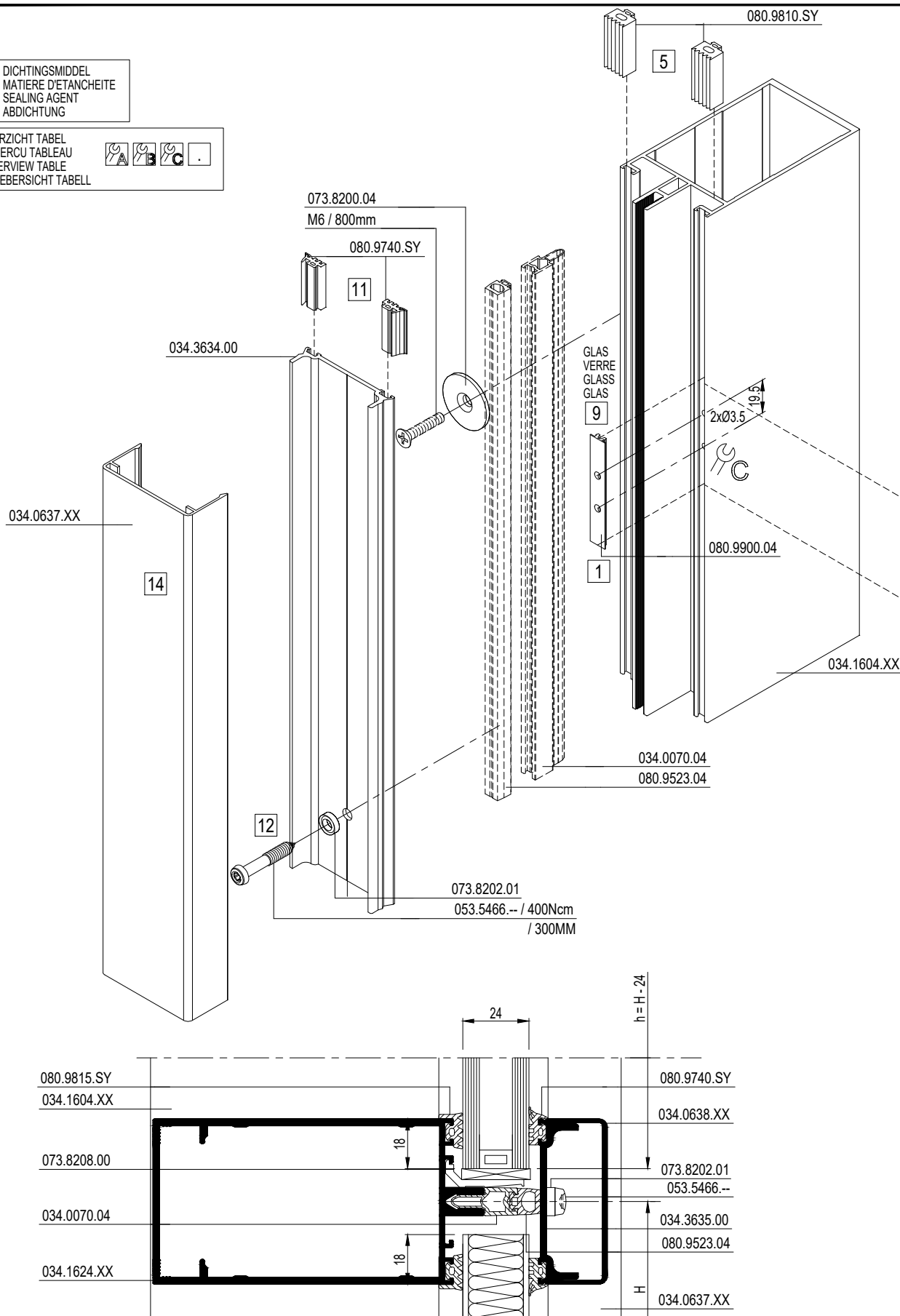
Horizontale compartentering (034.0070.04, 080.9523.04,...) is verplicht !
 Compartimentation horizontale (034.0070.04, 080.9523.04,...) est obligatoire !
 Horizontal compartmentation (034.0070.04, 080.9523.04,...) is obligatory !
 Horizontale Kompartimentierung (034.0070.04, 080.9523.04,...) ist verpflichtet !

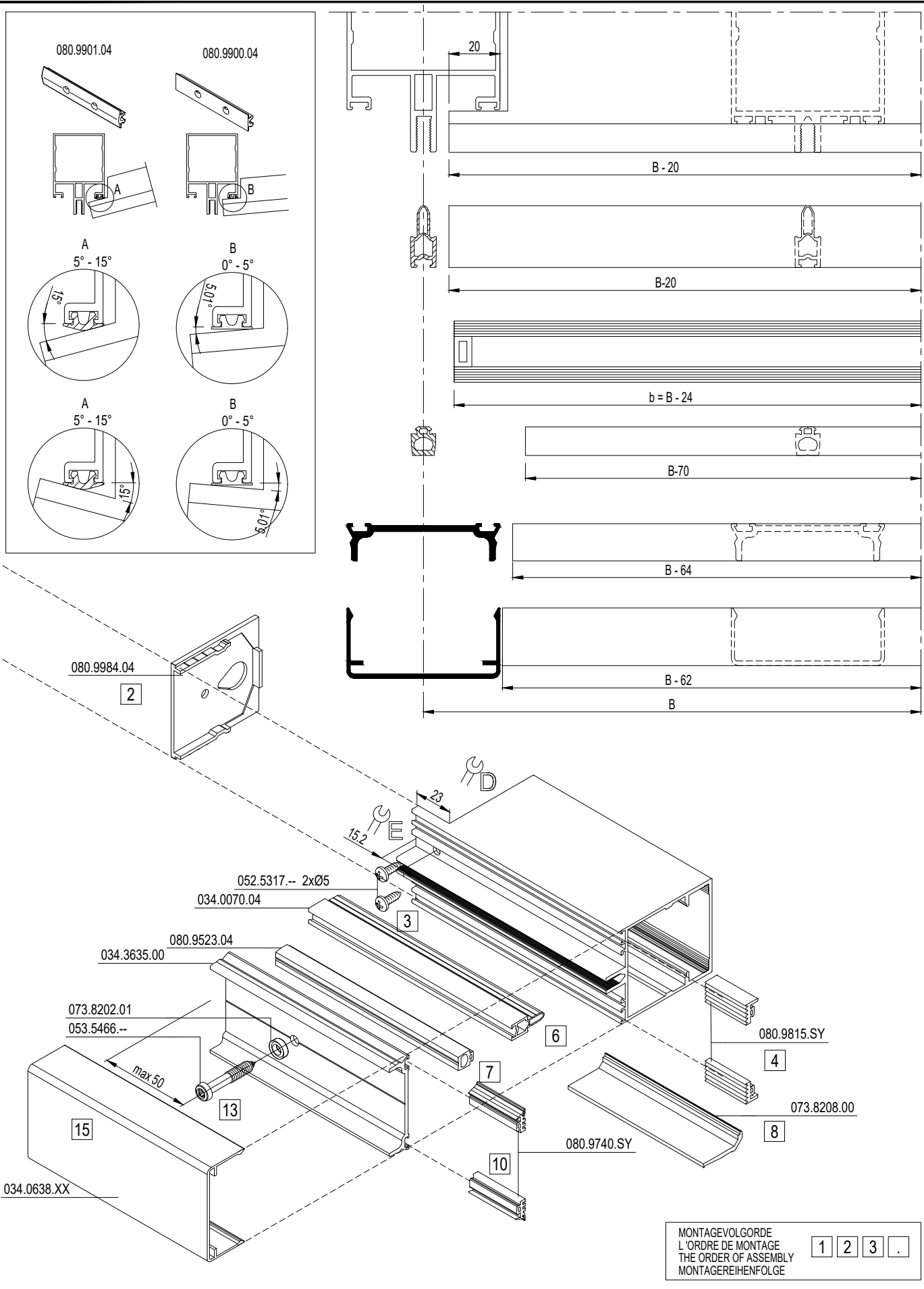


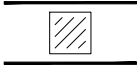
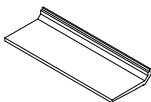
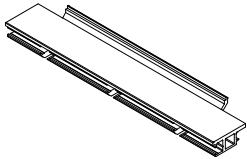
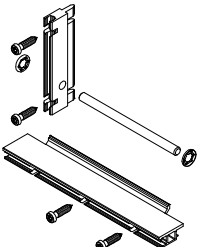
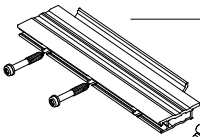
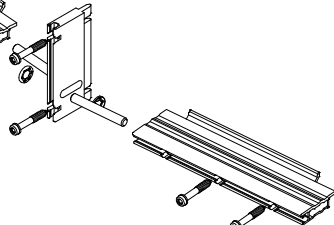
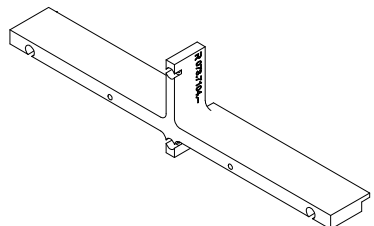


(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL





MAX. 		ARTIKELNUMMER NUMERO DE L'ARTICLE ARTICLE NUMBER ARTIKEL NUMBER
150 KG.(*) PER GLASPANEEL PAR VITRAGE PER GLASS PANEL PRO FÜLLUNG		073.8207.00 073.8208.00 073.8209.00 073.8212.00 073.8213.00 073.8214.00 073.8215.00
		073.7482.00 073.7483.00 073.7484.00 073.7485.00 073.7486.00 073.7488.00 073.7490.00
450 KG.(*) PER GLASPANEEL - RECHTE GEVEL PAR VITRAGE - FACADE DROITE PER GLASS PANEL - STRAIGHT FACADE PRO FÜLLUNG - GERADE FASSADE	 	073.7482.00 073.7483.00 073.7484.00 073.7485.00 073.7486.00 073.7488.00 073.7490.00 073.7220.00 073.7471.00 073.7472.00
350 KG.(*) PER GLASPANEEL - GEBOGEN GEVEL PAR VITRAGE - FACADE OBLIQUE PER GLASS PANEL - SLOPED FACADE PRO FÜLLUNG - GEBOGENEN FASSADE	 	073.7483.00 073.7484.00 073.7485.00 073.7486.00 073.7472.00 073.7473.00 073.7474.00
450 KG.(*) PER GLASPANEEL PAR VITRAGE PER GLASS PANEL PRO FÜLLUNG		073.7102.-- 073.7112.-- 073.7122.-- 073.7104.-- 073.7114.-- 073.7124.--

* VOOR EXACTE GEGEVENS VAN HET GLASGEWICHT IN COMBINATIE MET DRUK : ZIE BEREKENINGEN MAX. GLASGEWICHTEN P. : 52.B.---

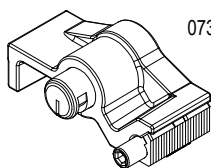
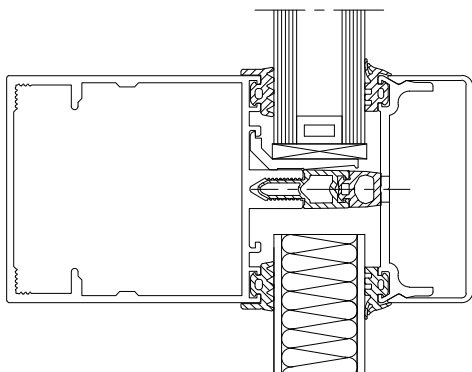
* POUR LES DONNÉES EXACTES DU POIDS DE VITRAGE EN COMBINAISON AVEC LA PRESSION : VOIR CALCULS POIDS DE VITRAGE MAX. P. : 52.B.---

* FOR EXACT DATA ON THE GLASS WEIGHT IN COMBINATION WITH PRESSURE : SEE CALCULATIONS ON MAX. GLASS WEIGHTS P. : 52.B.---

* FUER DIE GENAUEN DATEN DES GLASGEWICHTS IN KOMBINATION MIT DRUCK : SIEHE BERECHNUNGEN MAXIMALGLASGEWICHTE P. : 52.B.---

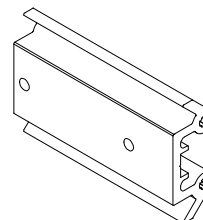
DOORSNEDEN
 COUPES
 SECTIONS
 SCHNITTE

T-VERBINDERS
 JONCTIONS-T
 T-BRACKETS
 T-VERBINDER

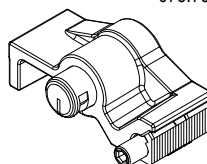
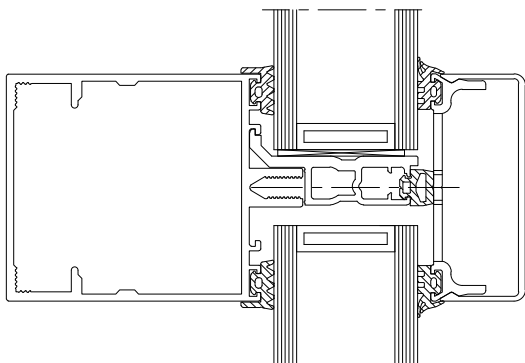


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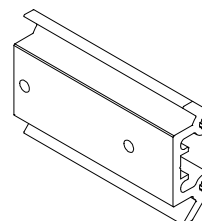
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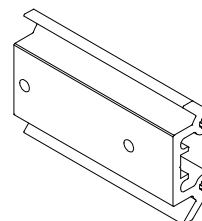
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 073.7513.00
 073.7514.00
 073.7515.00
 073.7516.00



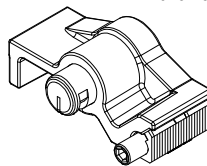
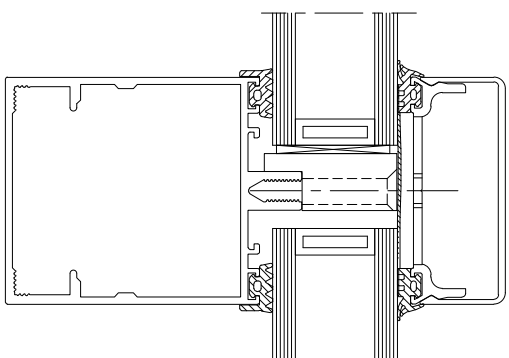
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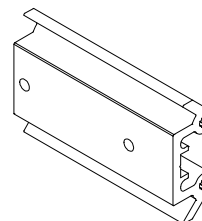
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 073.7511.00
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034.1645.00

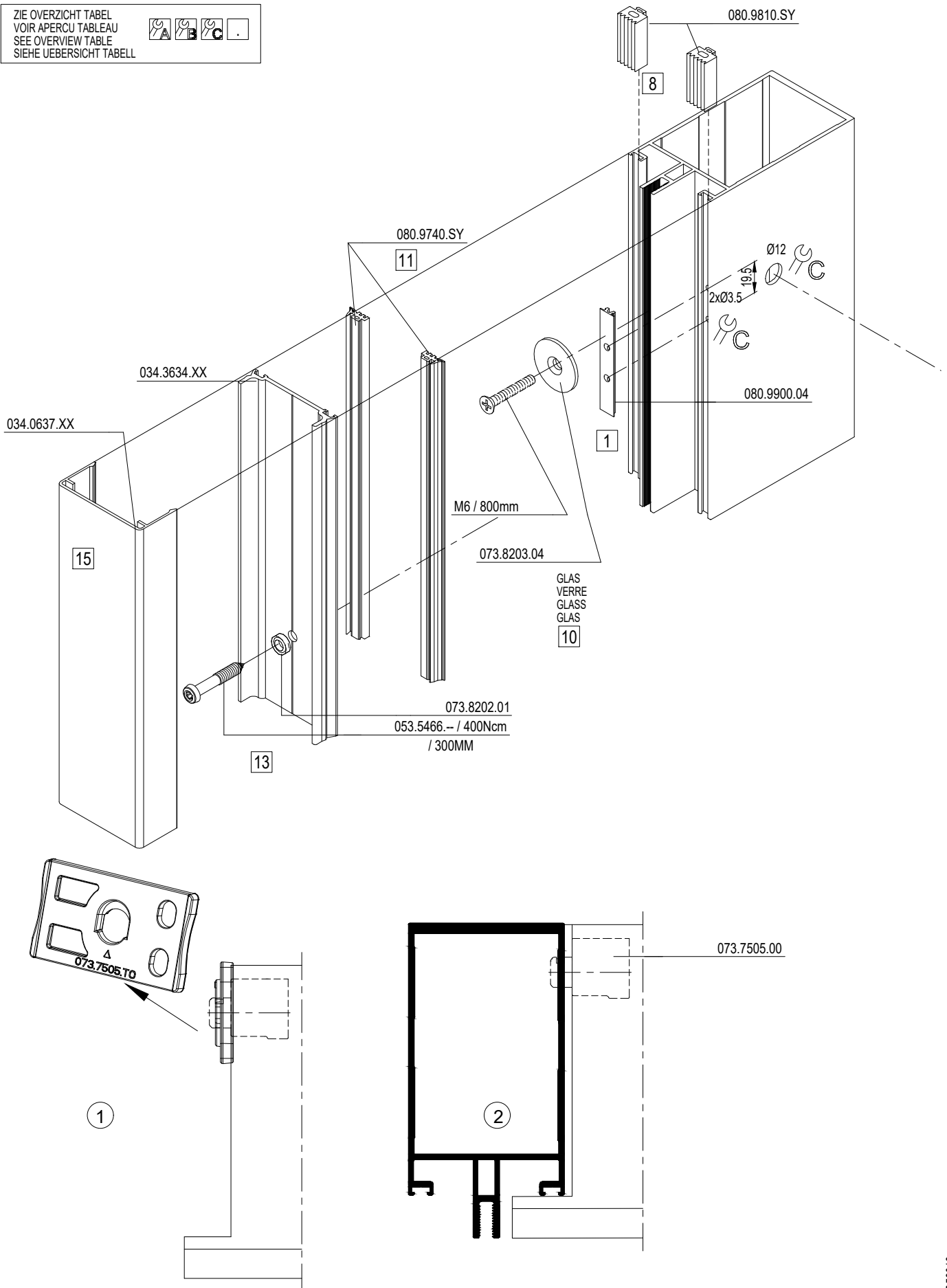


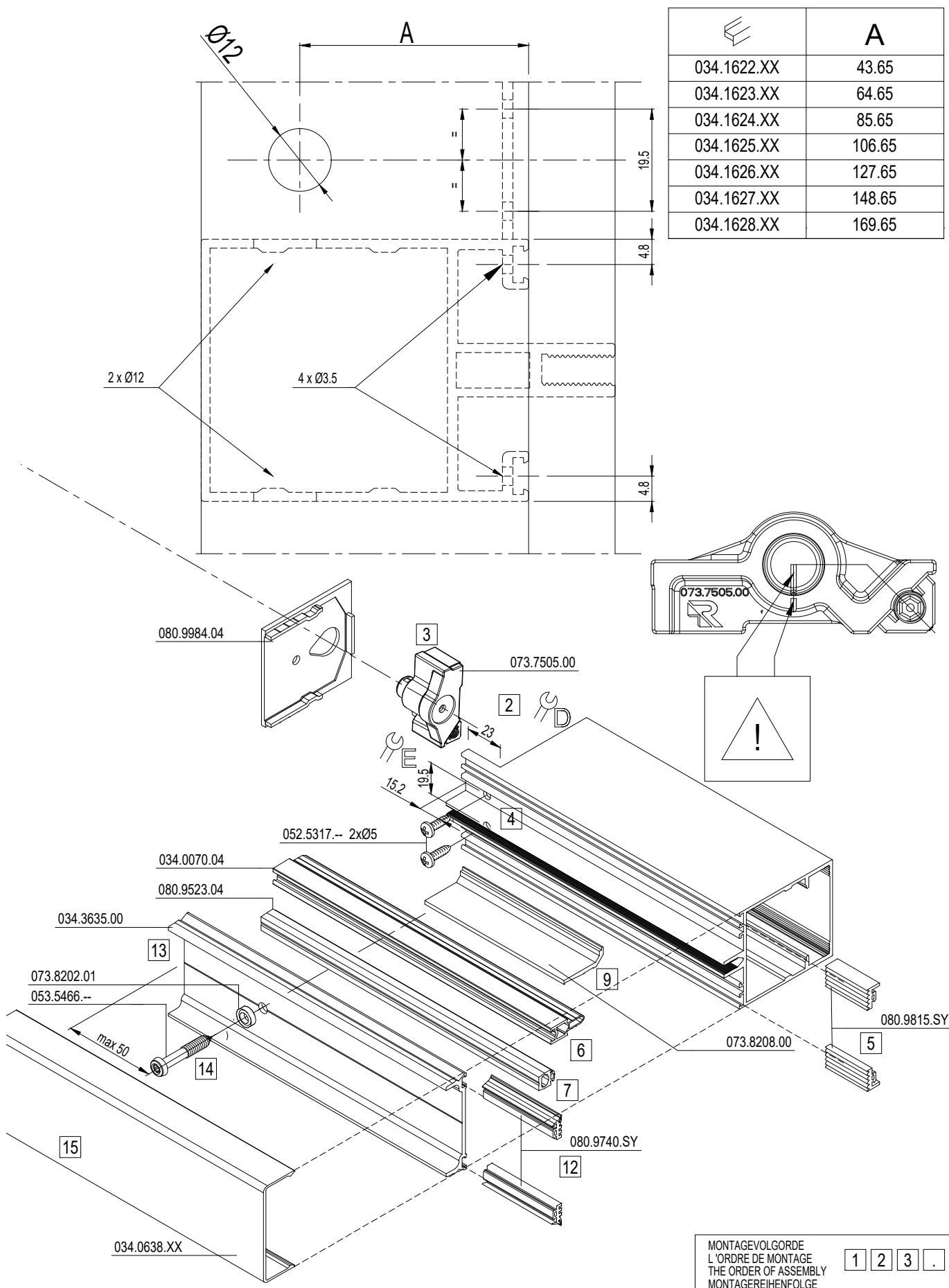
073.7505.00

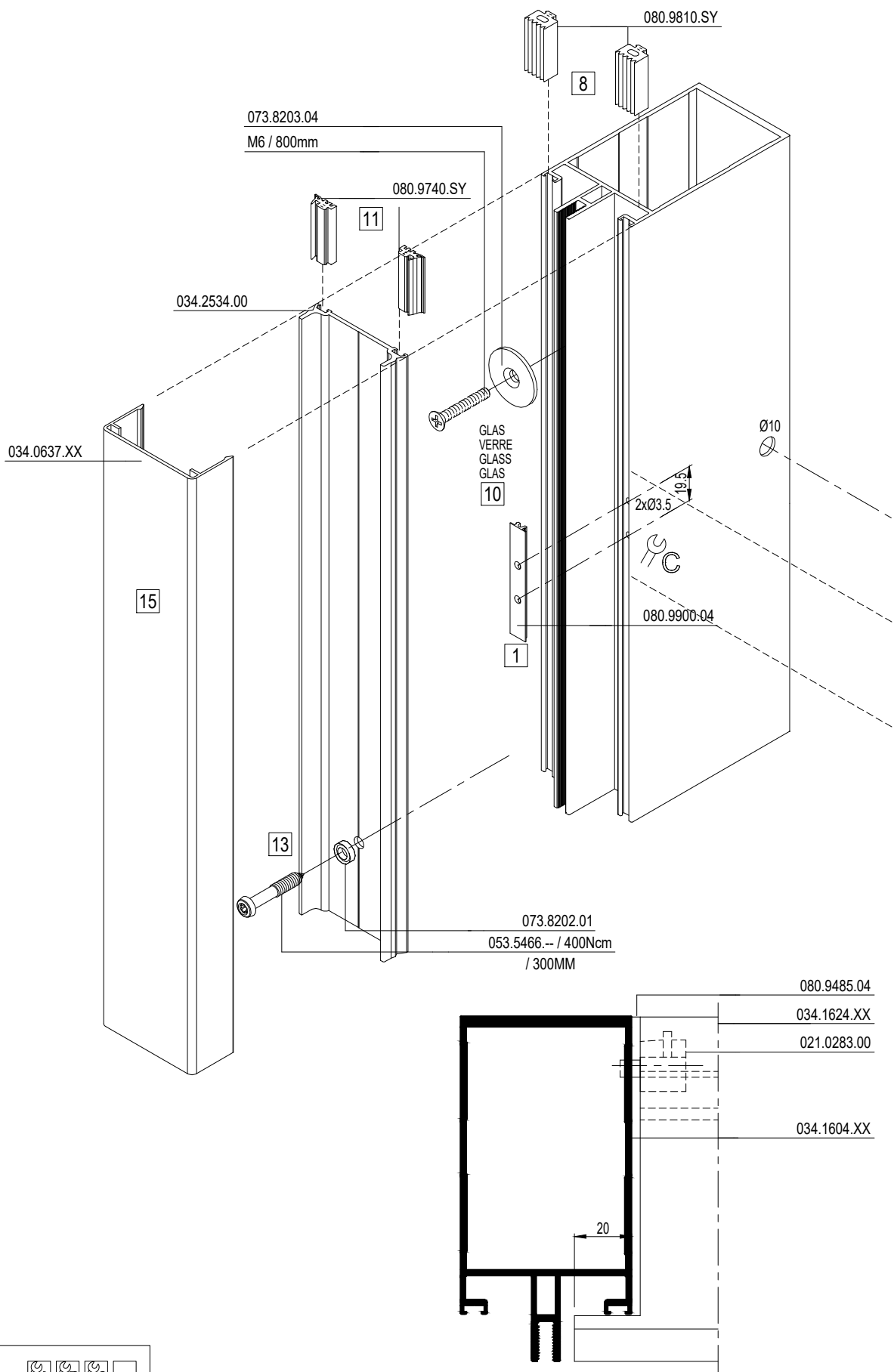


073.7510.00
 073.7511.00
 073.7512.00
 073.7513.00
 073.7514.00
 073.7515.00
 073.7516.00

ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL



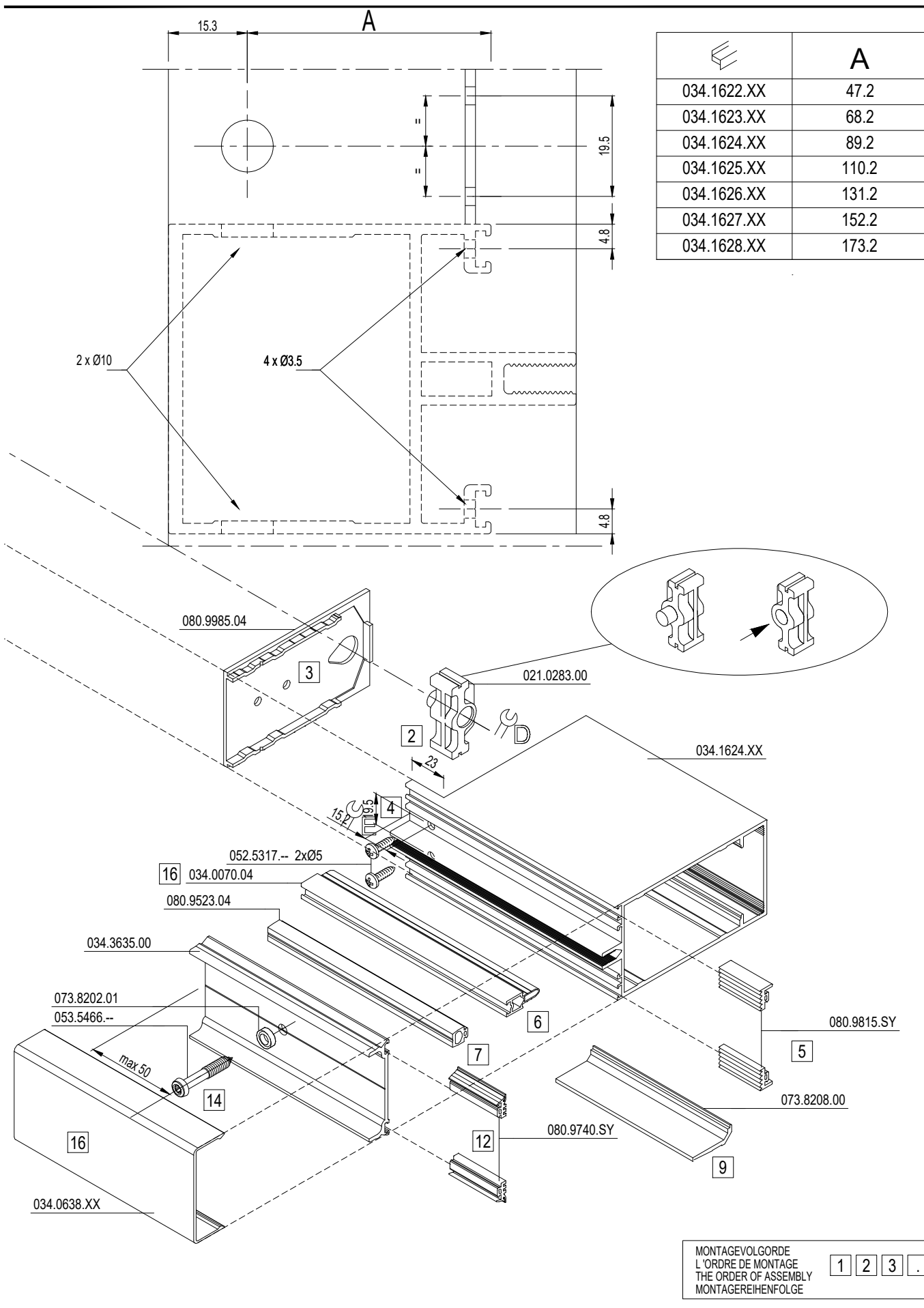




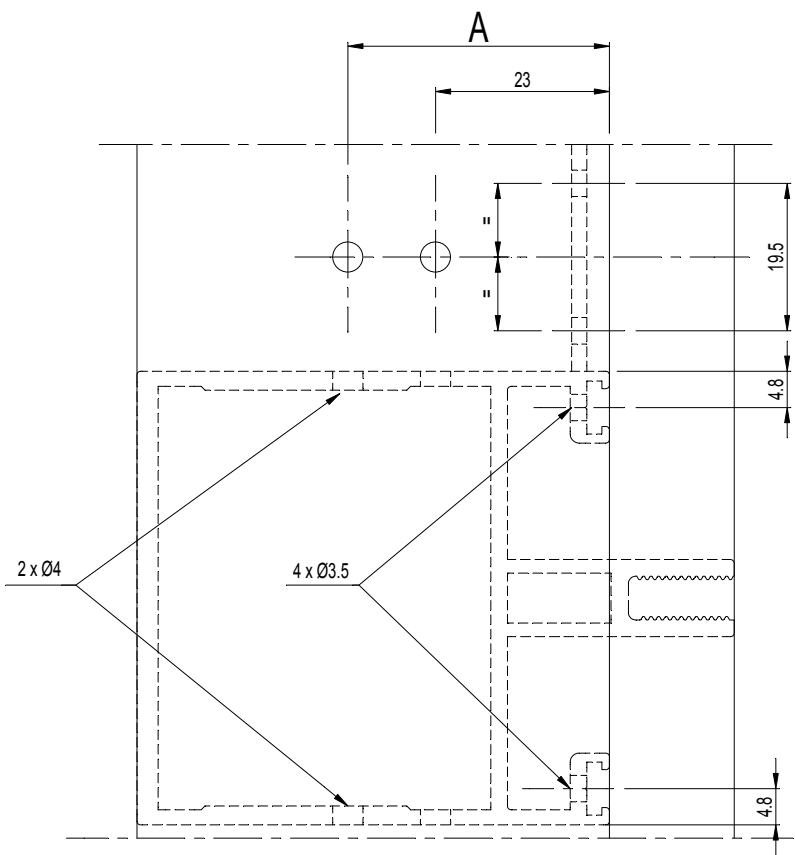
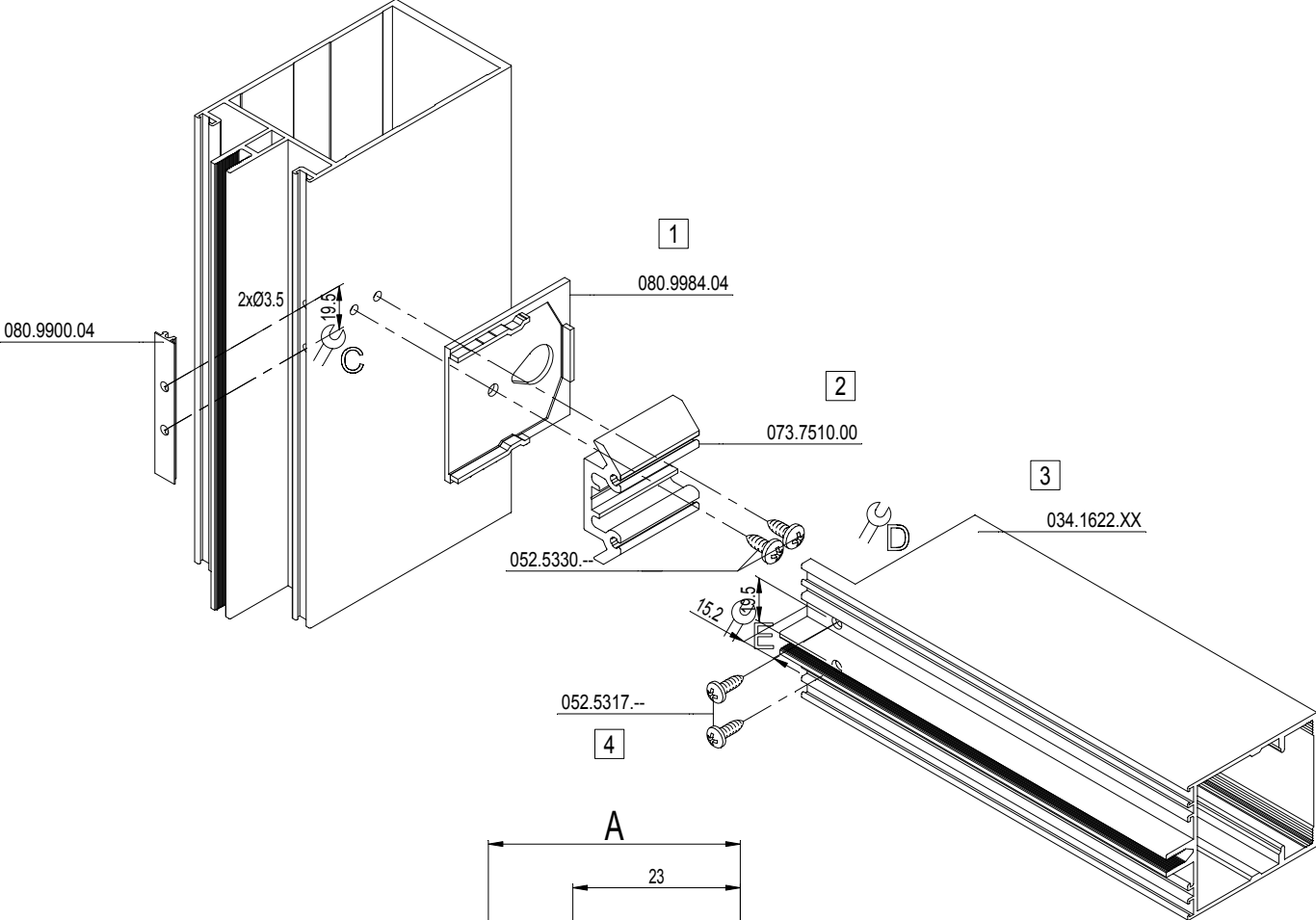
ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL



D0056254

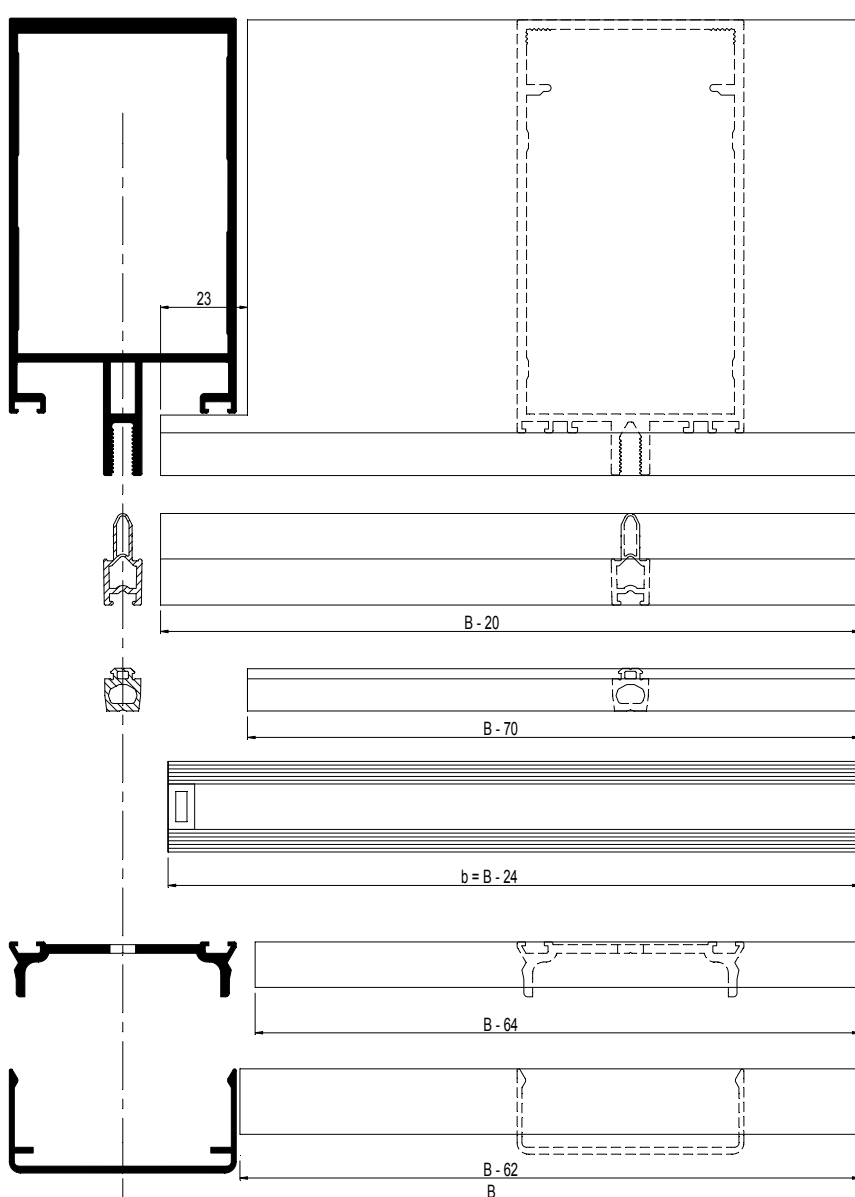
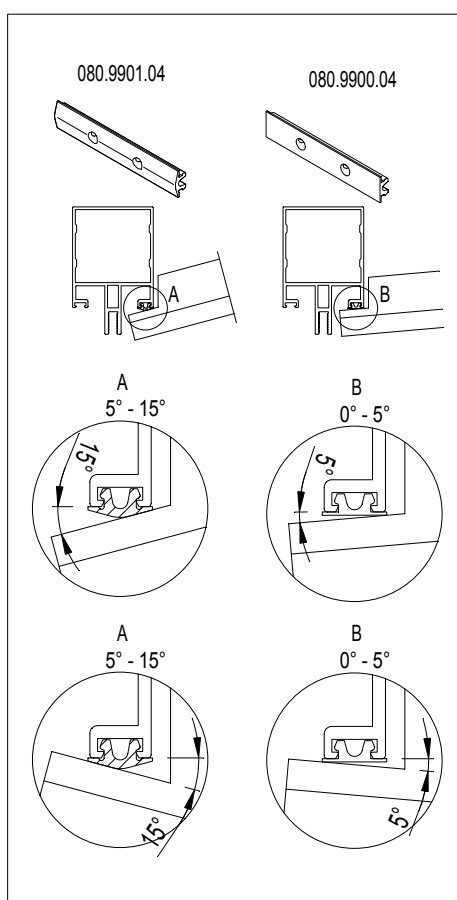
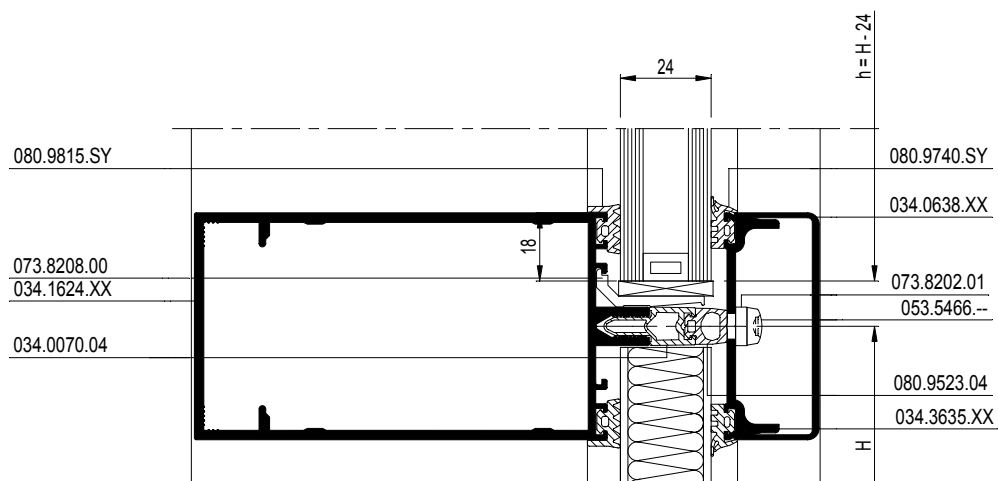


ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL



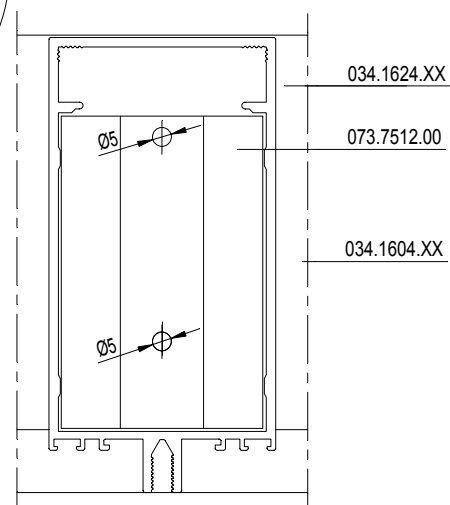
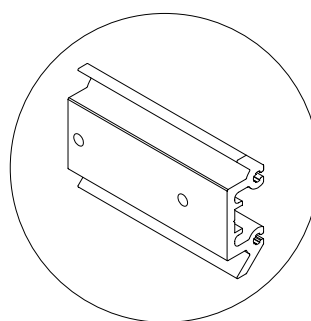
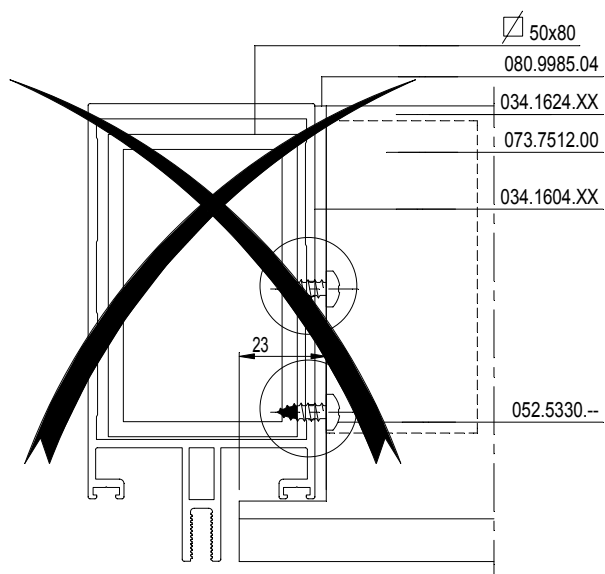
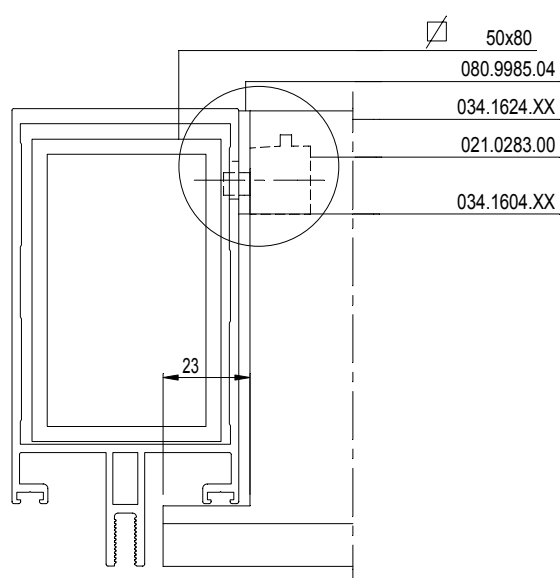
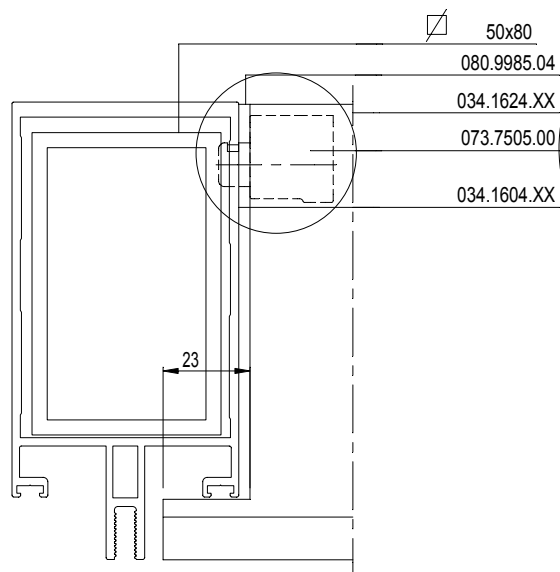
	A
034.1622.XX	34.6
034.1623.XX	55.6
034.1624.XX	76.6
034.1625.XX	97.6
034.1626.XX	118.6
034.1627.XX	139.6
034.1628.XX	160.6

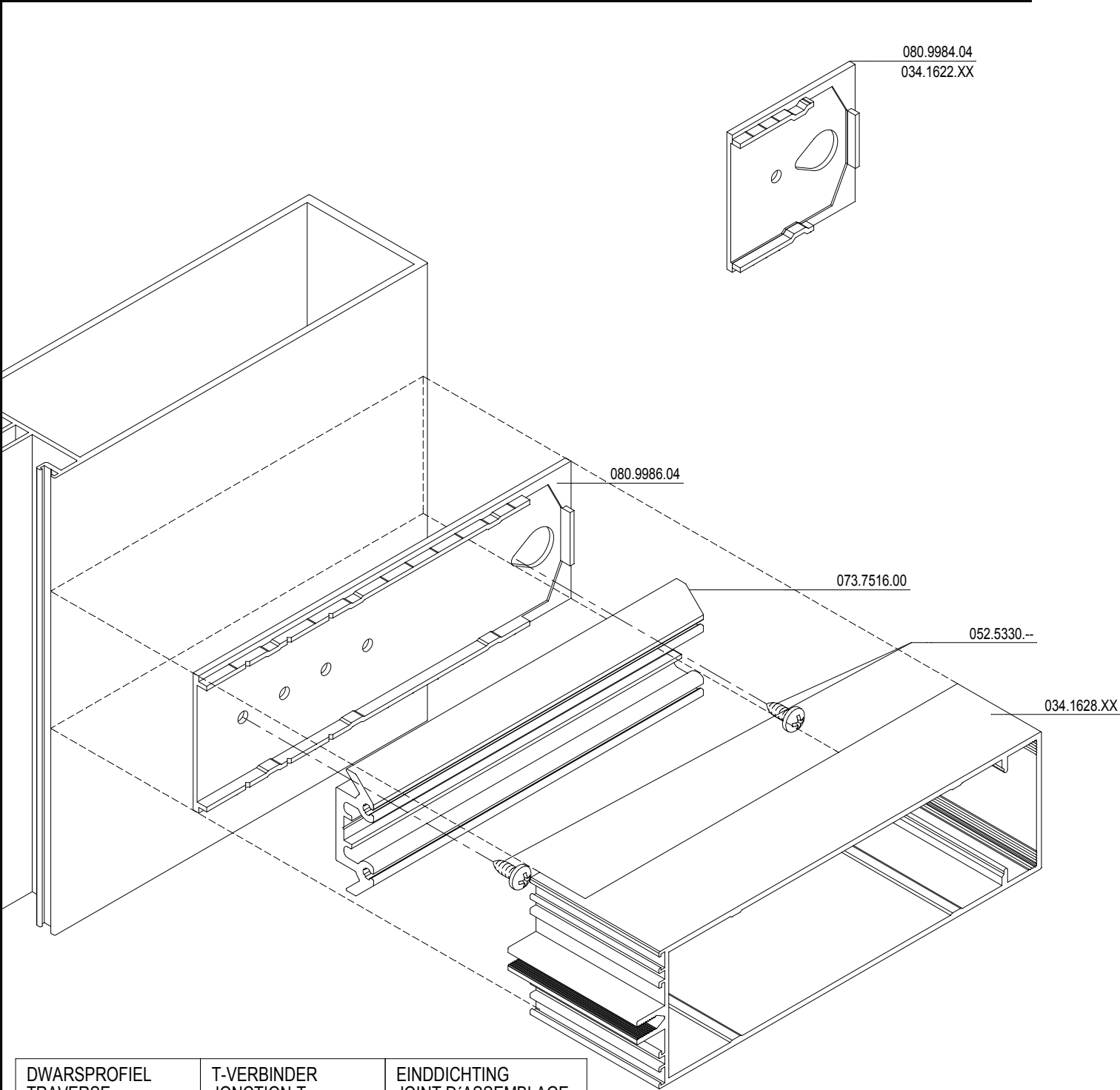
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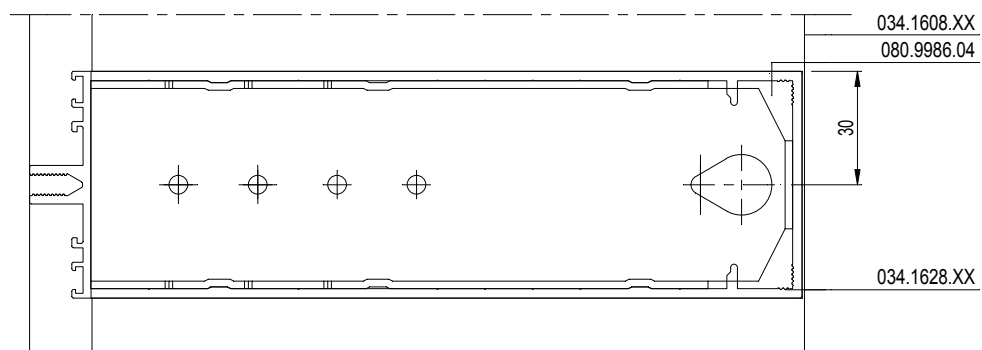
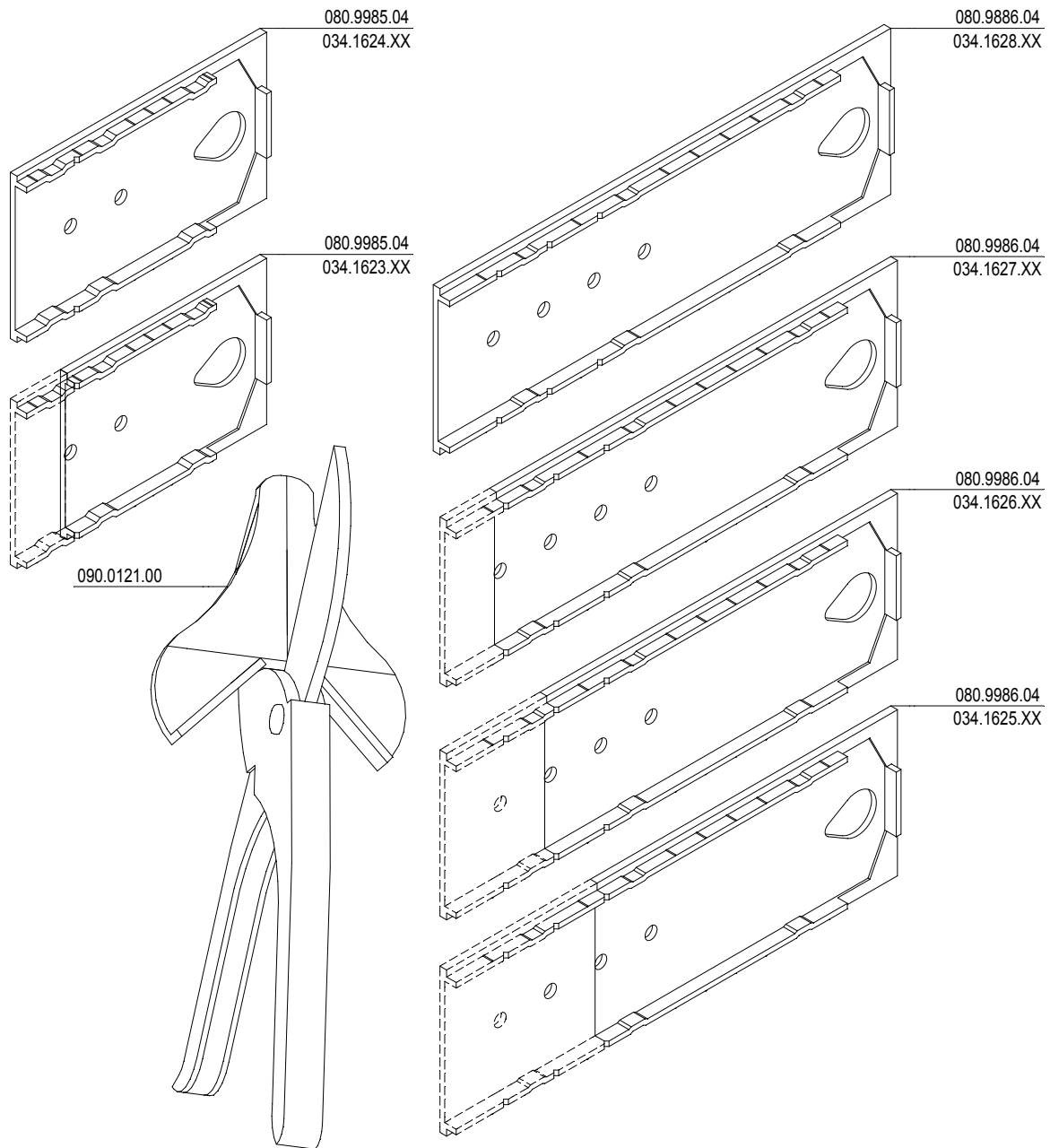
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

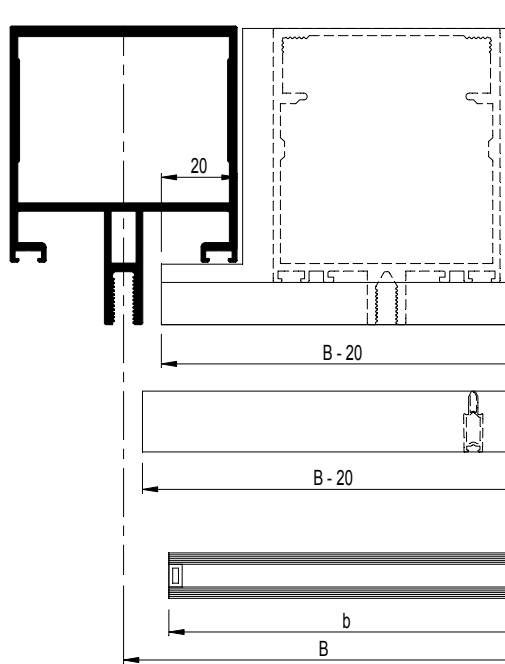
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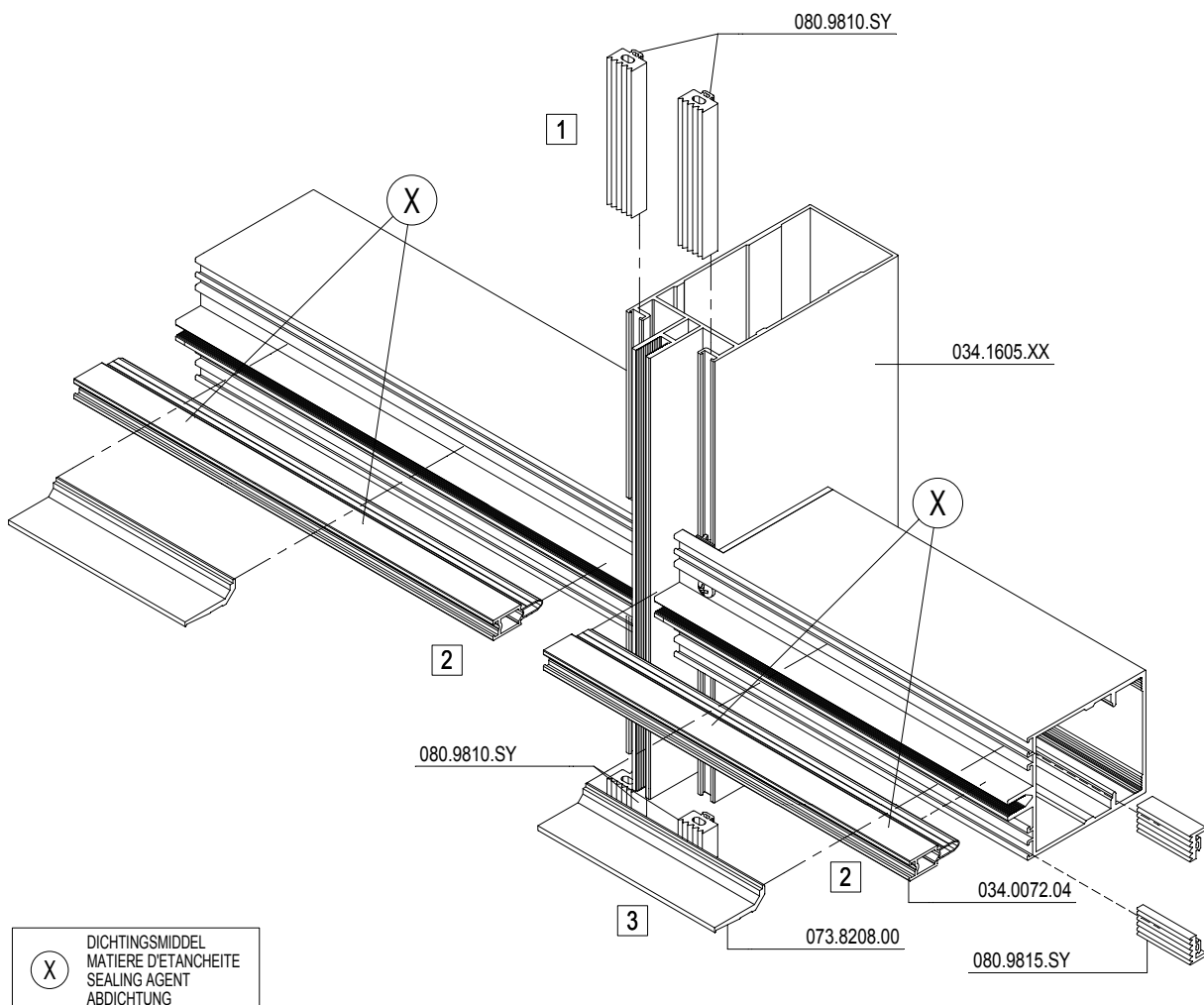
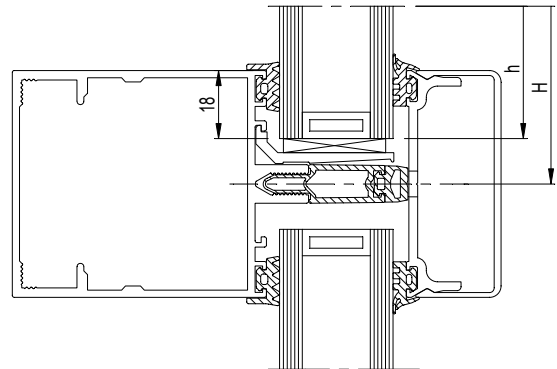


DWARSPROFIEL TRAVERSE TRANSOM RIEGELPROFIL	T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	EINDDICHTING JOINT D'ASSEMBLAGE END GASKET ENDDICHTUNG
034.1622.XX	073.7510.00	080.9984.04
034.1623.XX	073.7511.00	080.9985.04
034.1624.XX	073.7512.00	080.9985.04
034.1625.XX	073.7513.00	080.9986.04
034.1626.XX	073.7514.00	080.9986.04
034.1627.XX	073.7515.00	080.9986.04
034.1628.XX	073.7516.00	080.9986.04





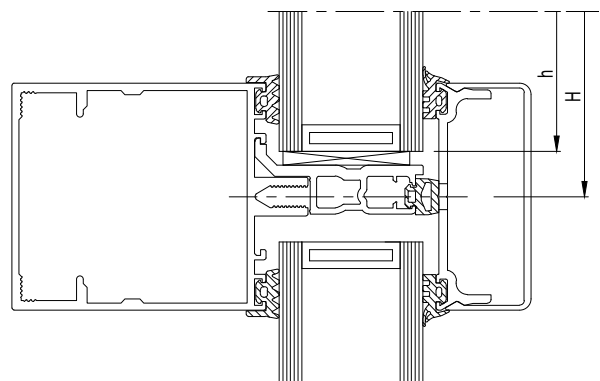
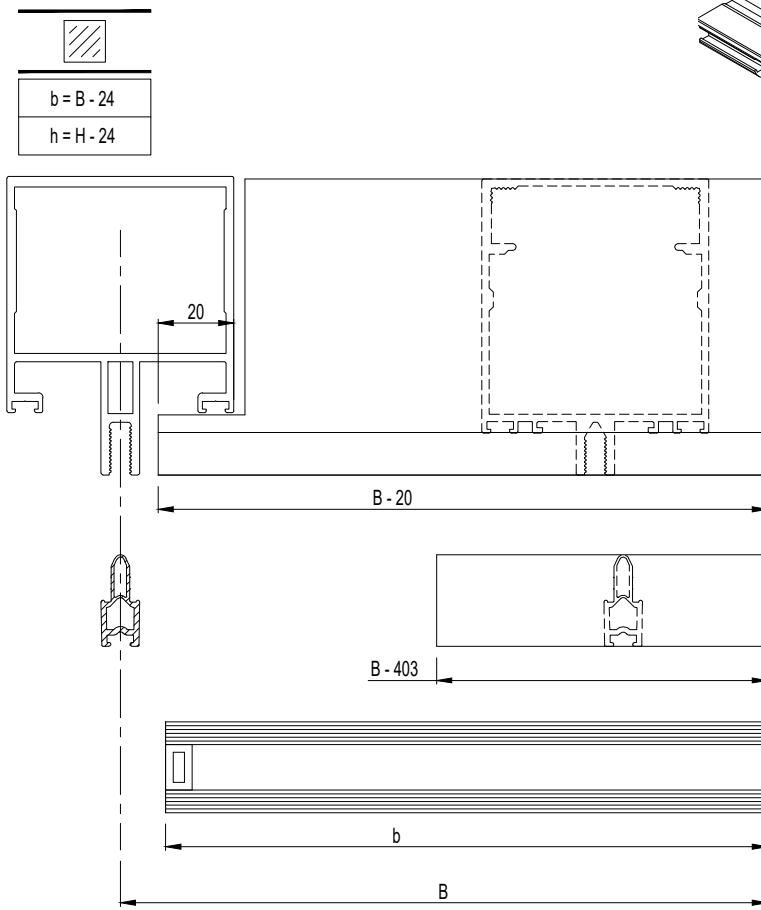
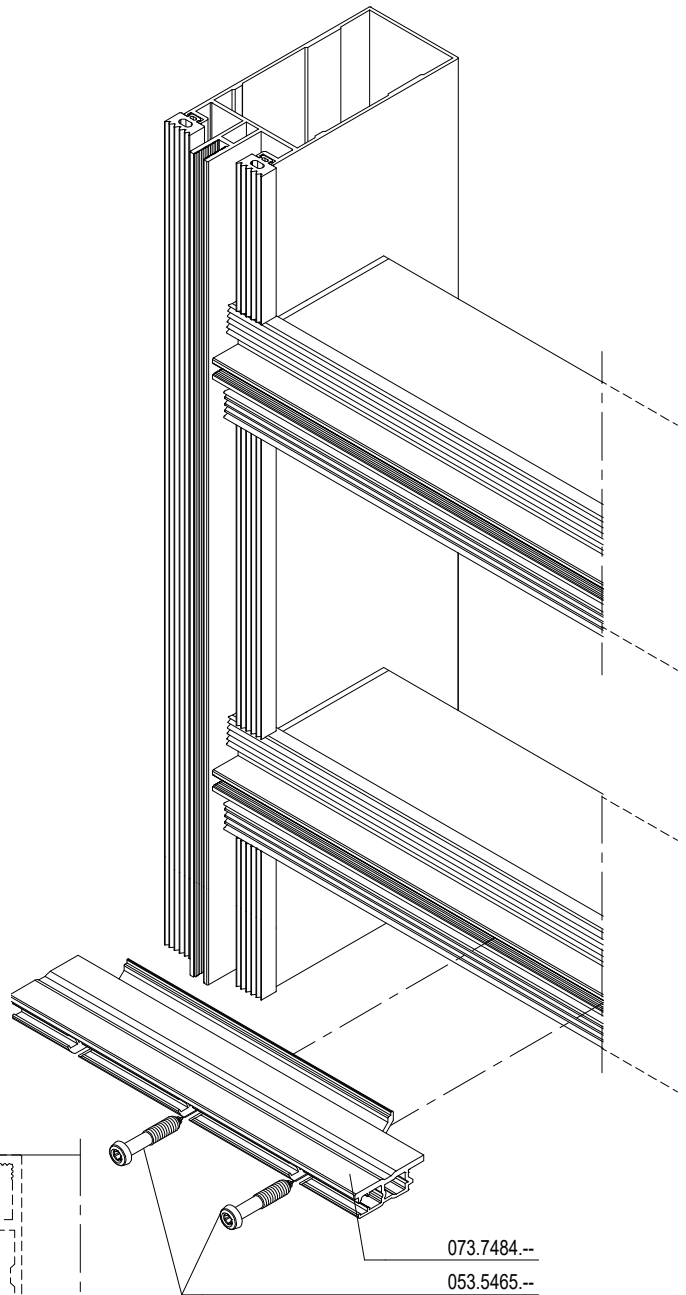
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$h = H - 24$

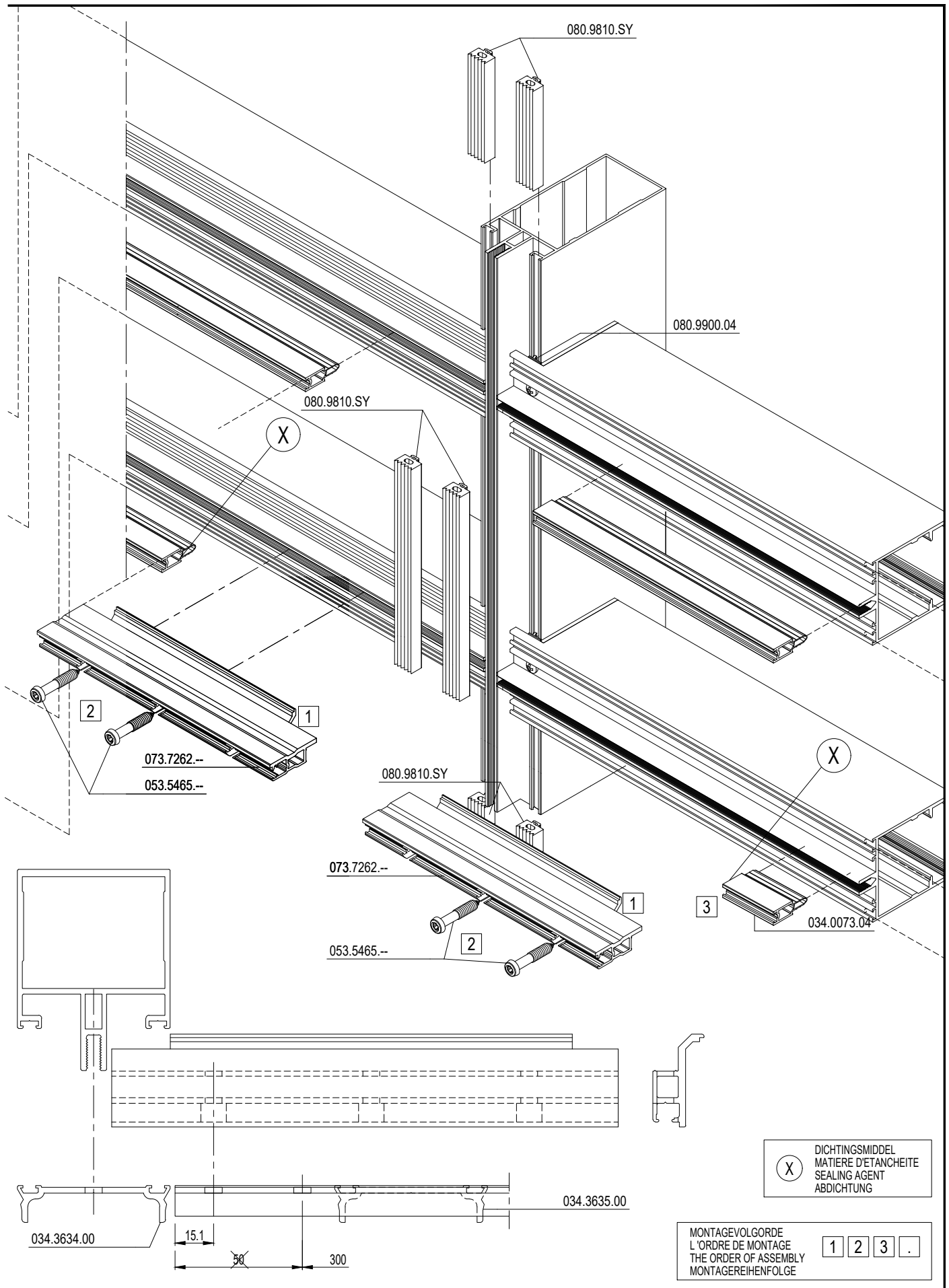


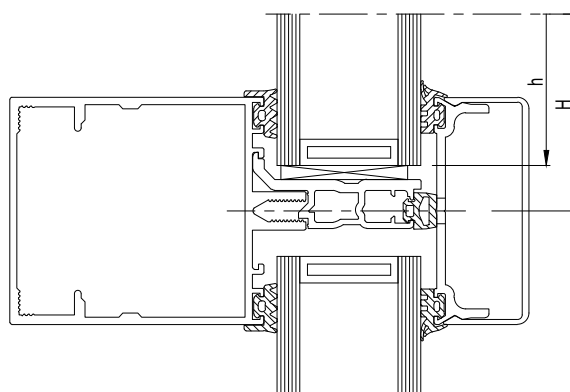
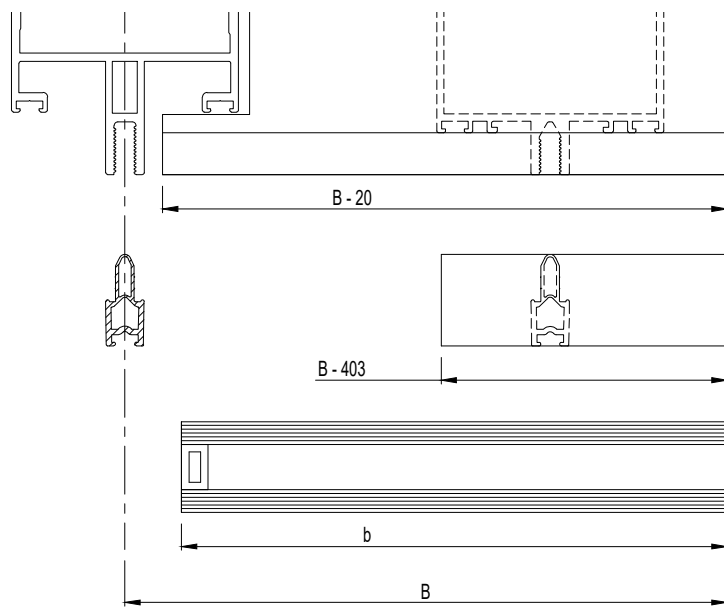
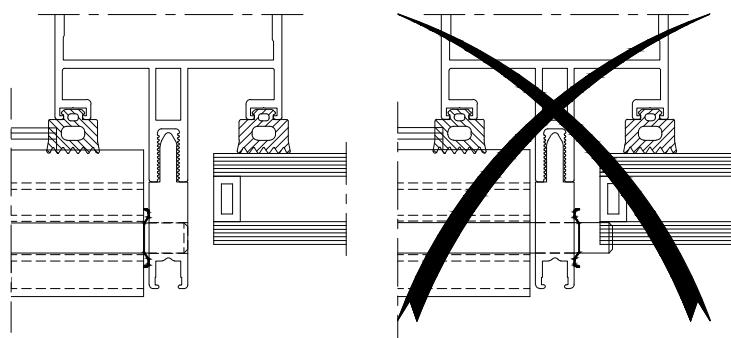
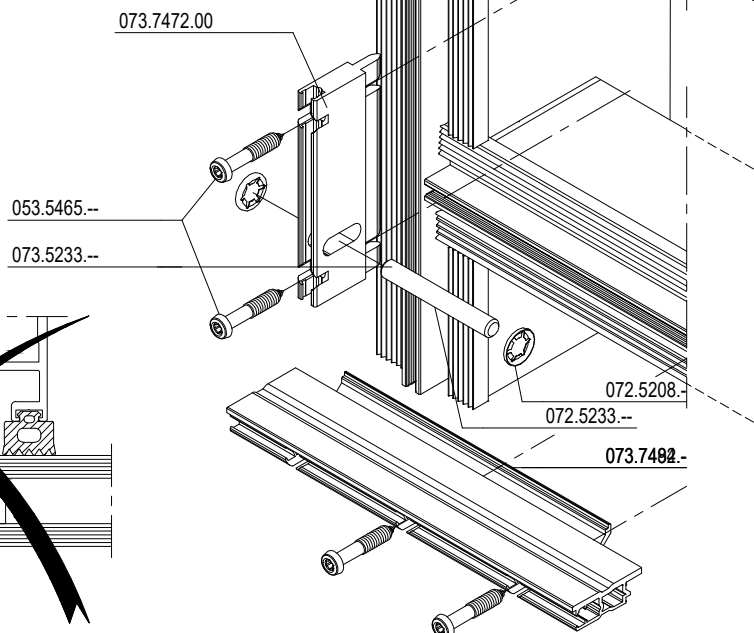
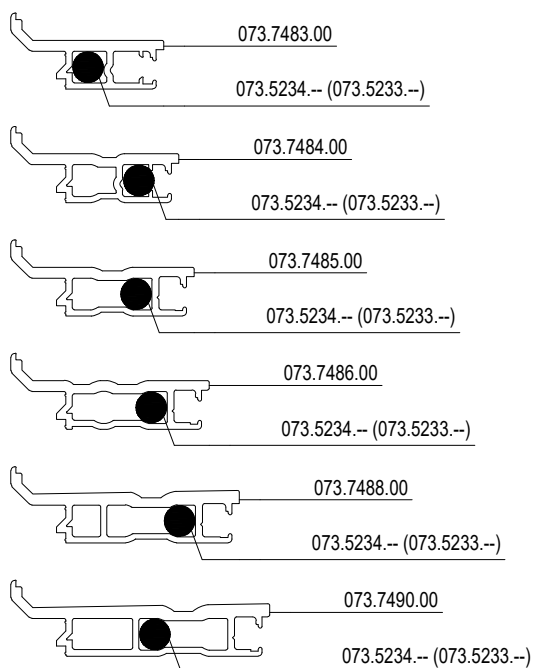
(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .

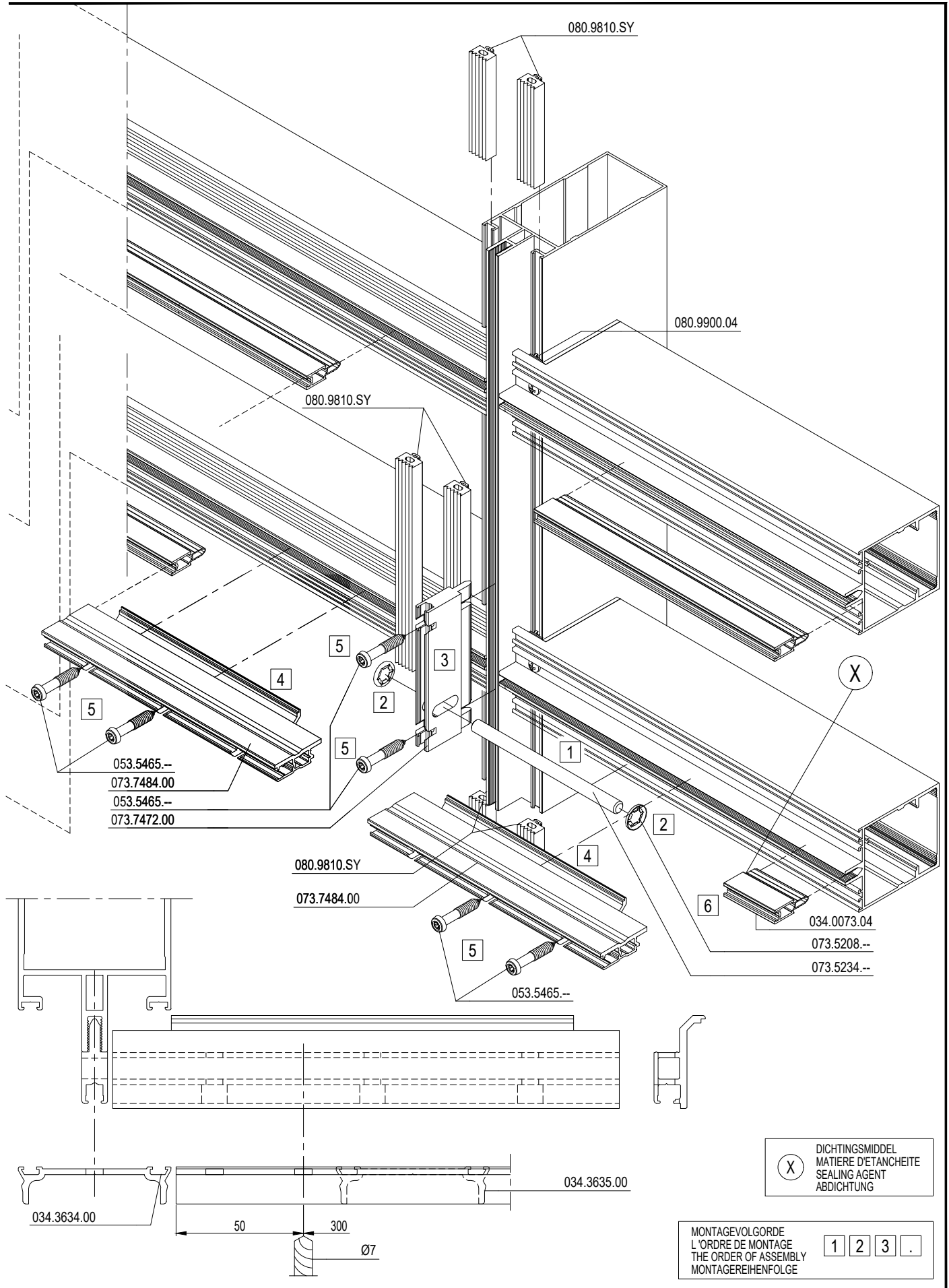


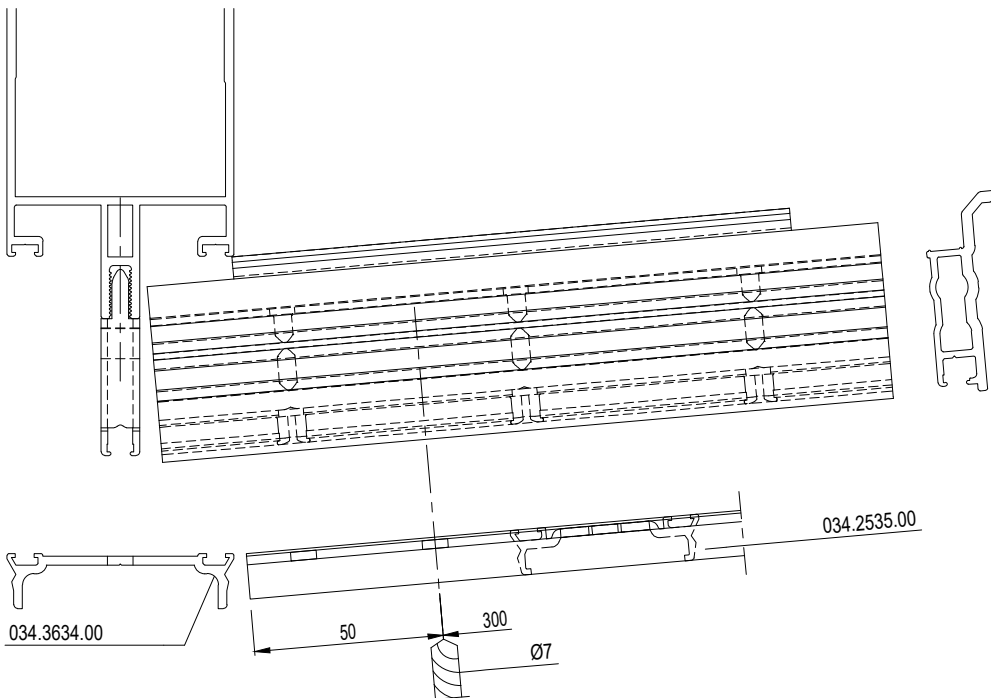
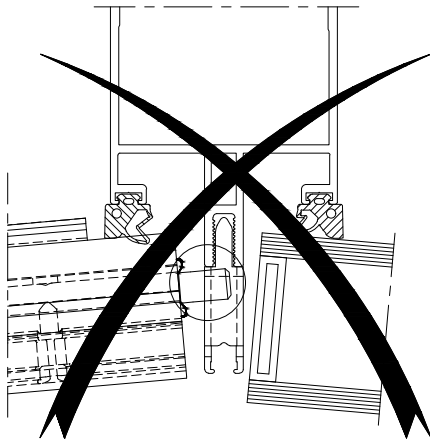
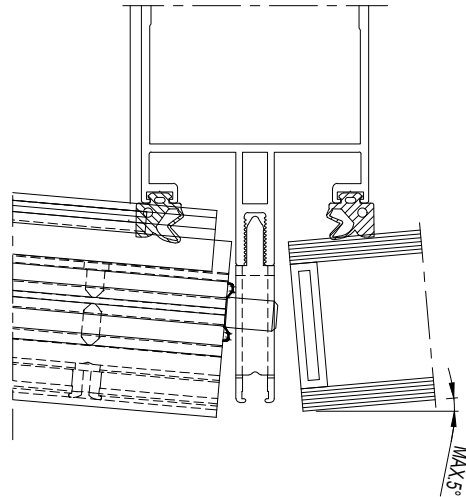
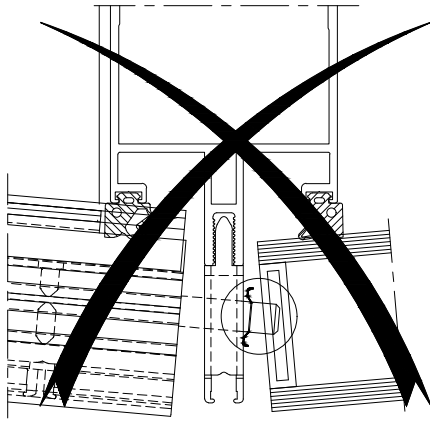


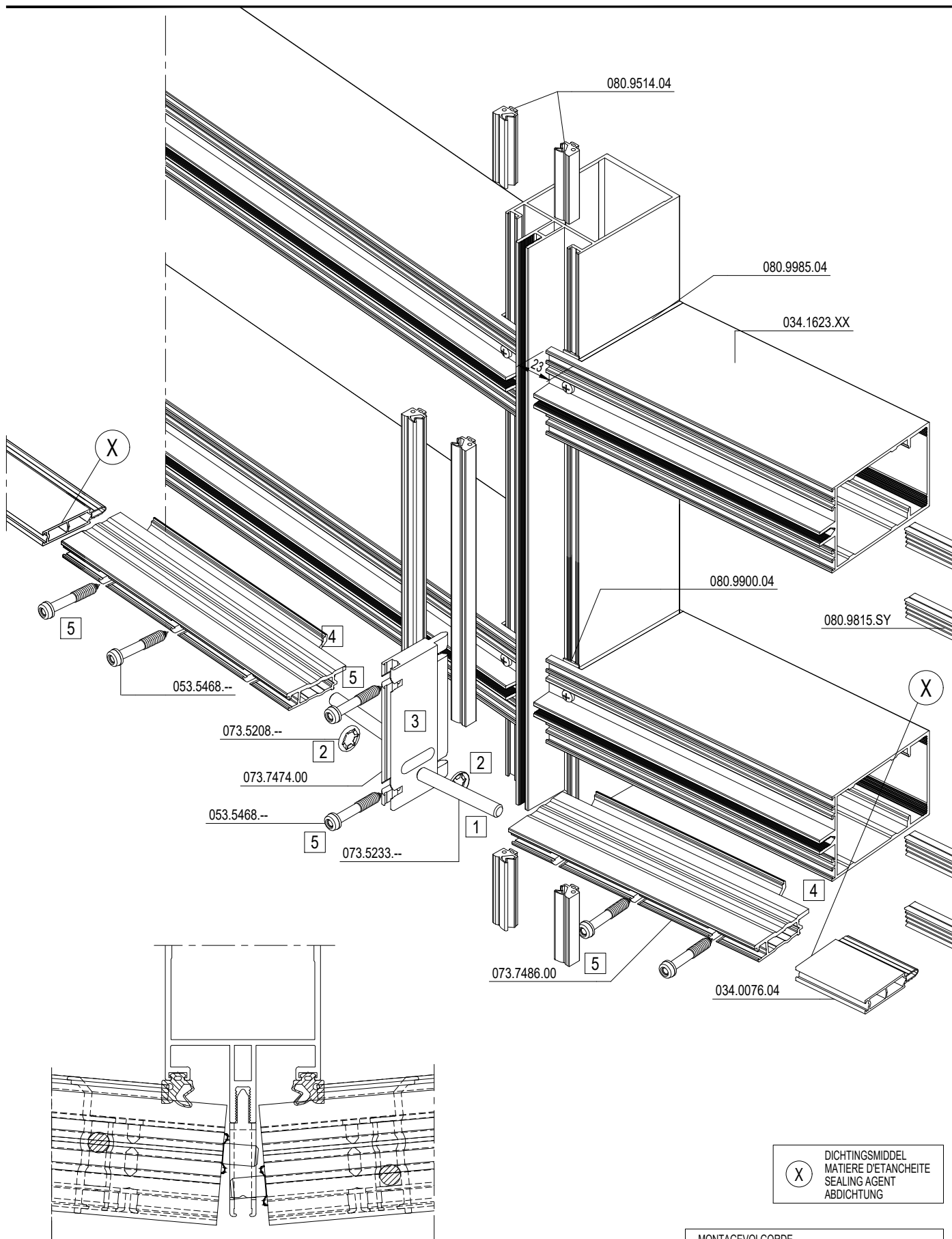


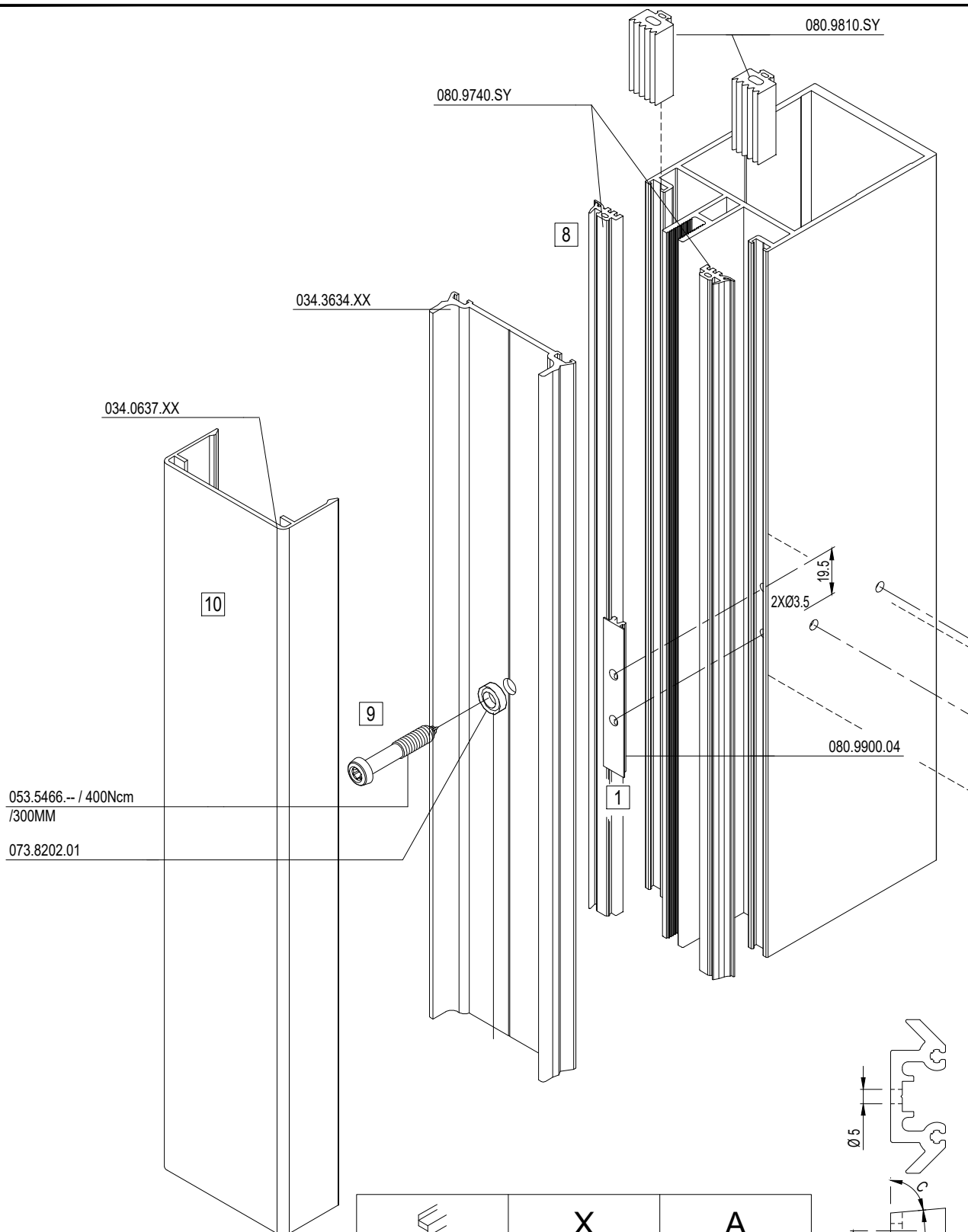
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h = H - 24

D0056052

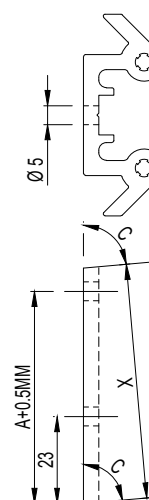


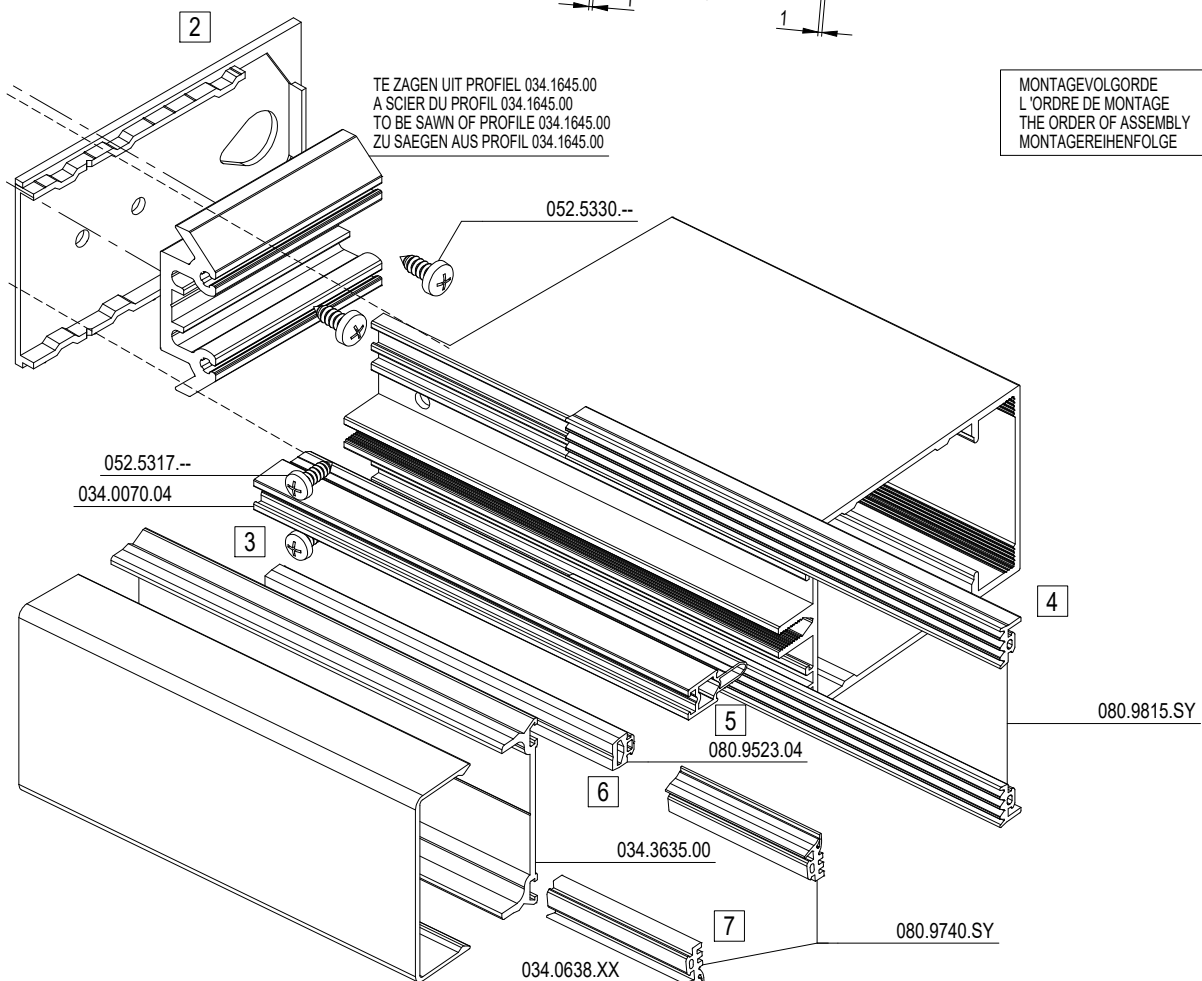
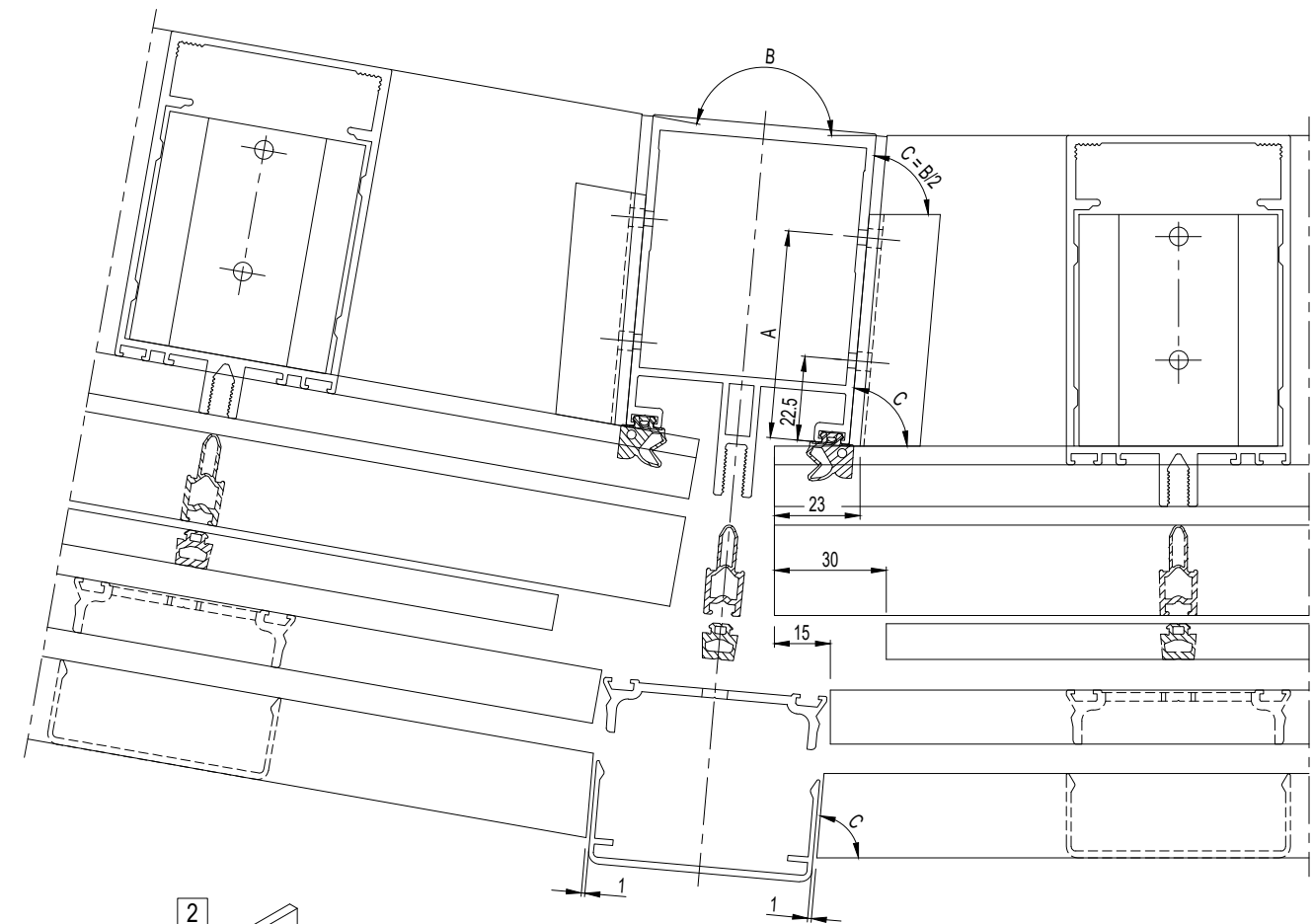






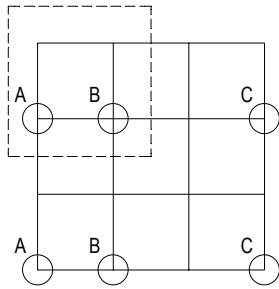
	X	A
034.1622.XX	41	34.6
034.1623.XX	62	55.6
034.1624.XX	83	76.6
034.1625.XX	104	97.6
034.1626.XX	125	118.6
034.1627.XX	146	139.6
034.1628.XX	167	160.6



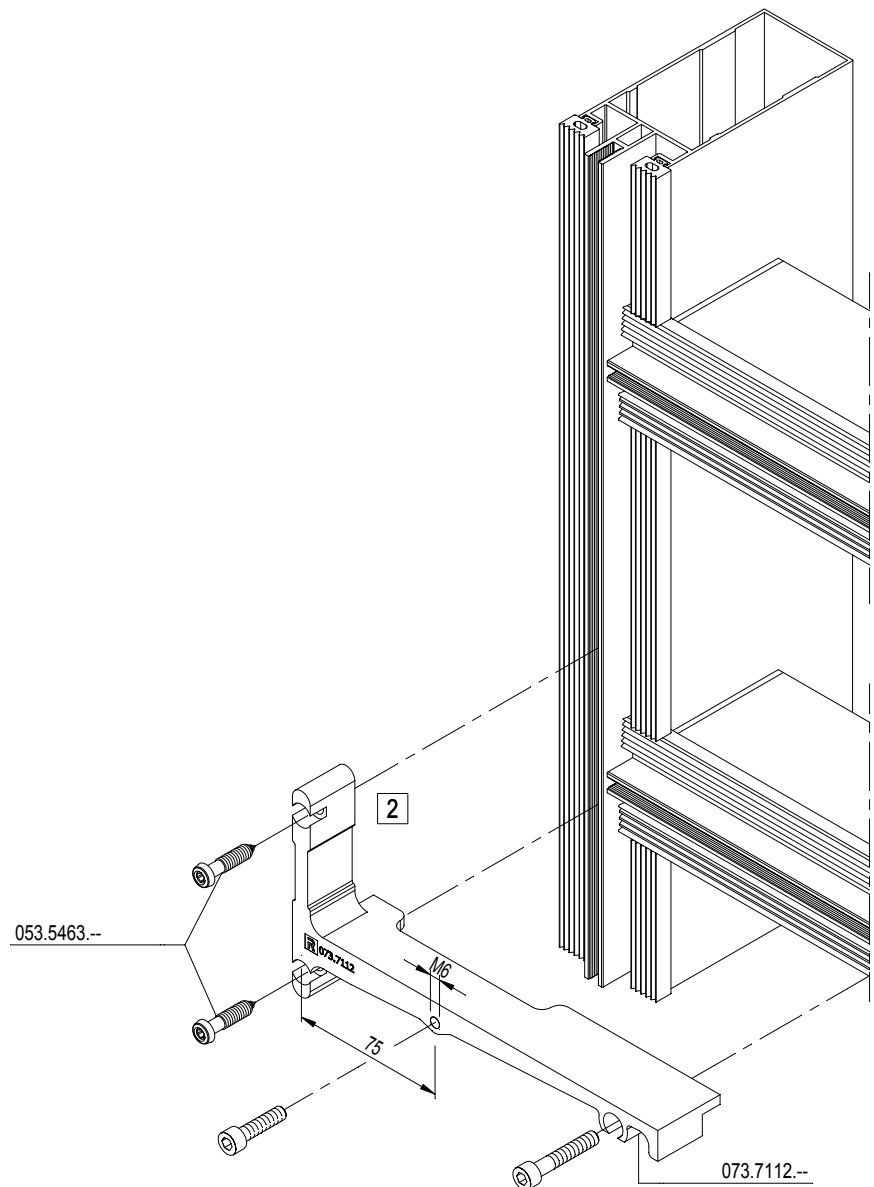


MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

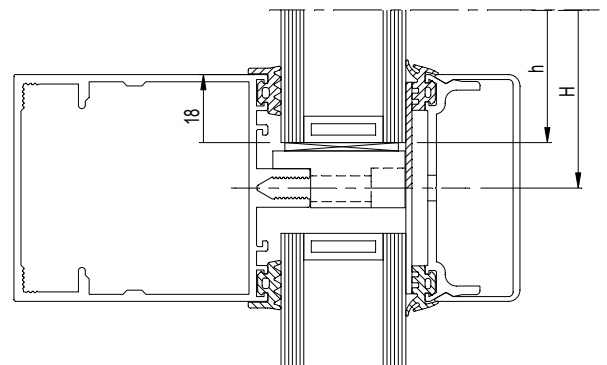
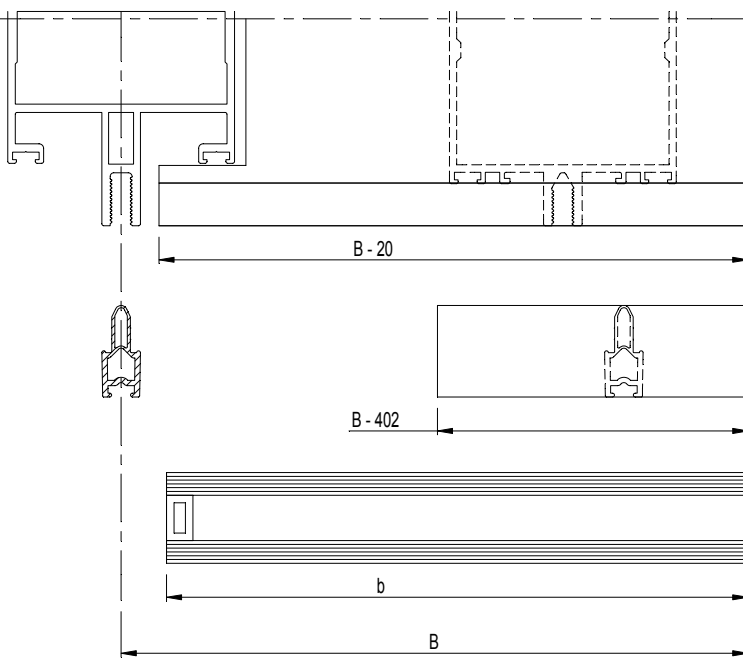
1 2 3 .



A	073.7112.--
B	073.7102.--
C	073.7122.--

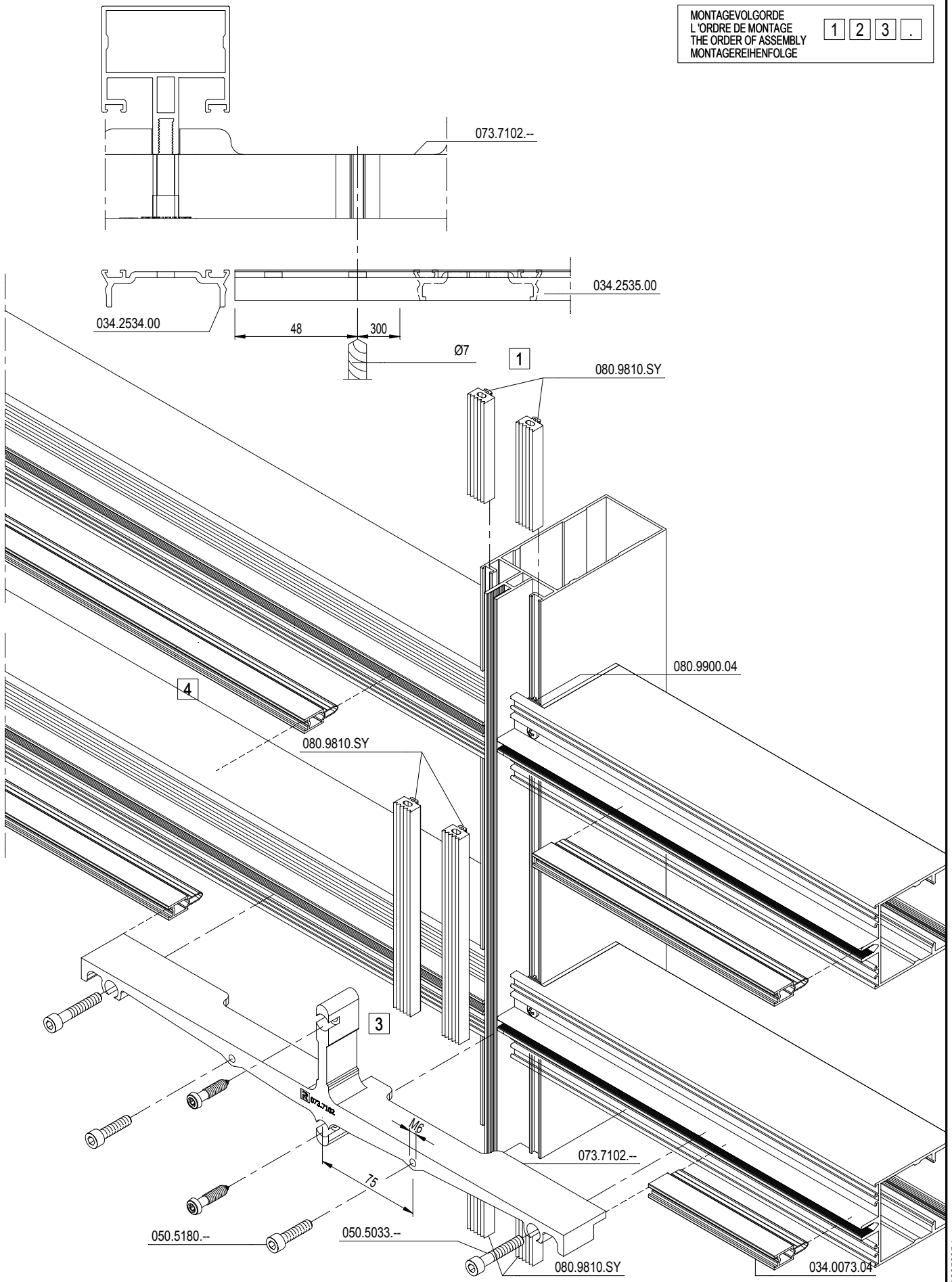


b = B - 24
h = H - 24

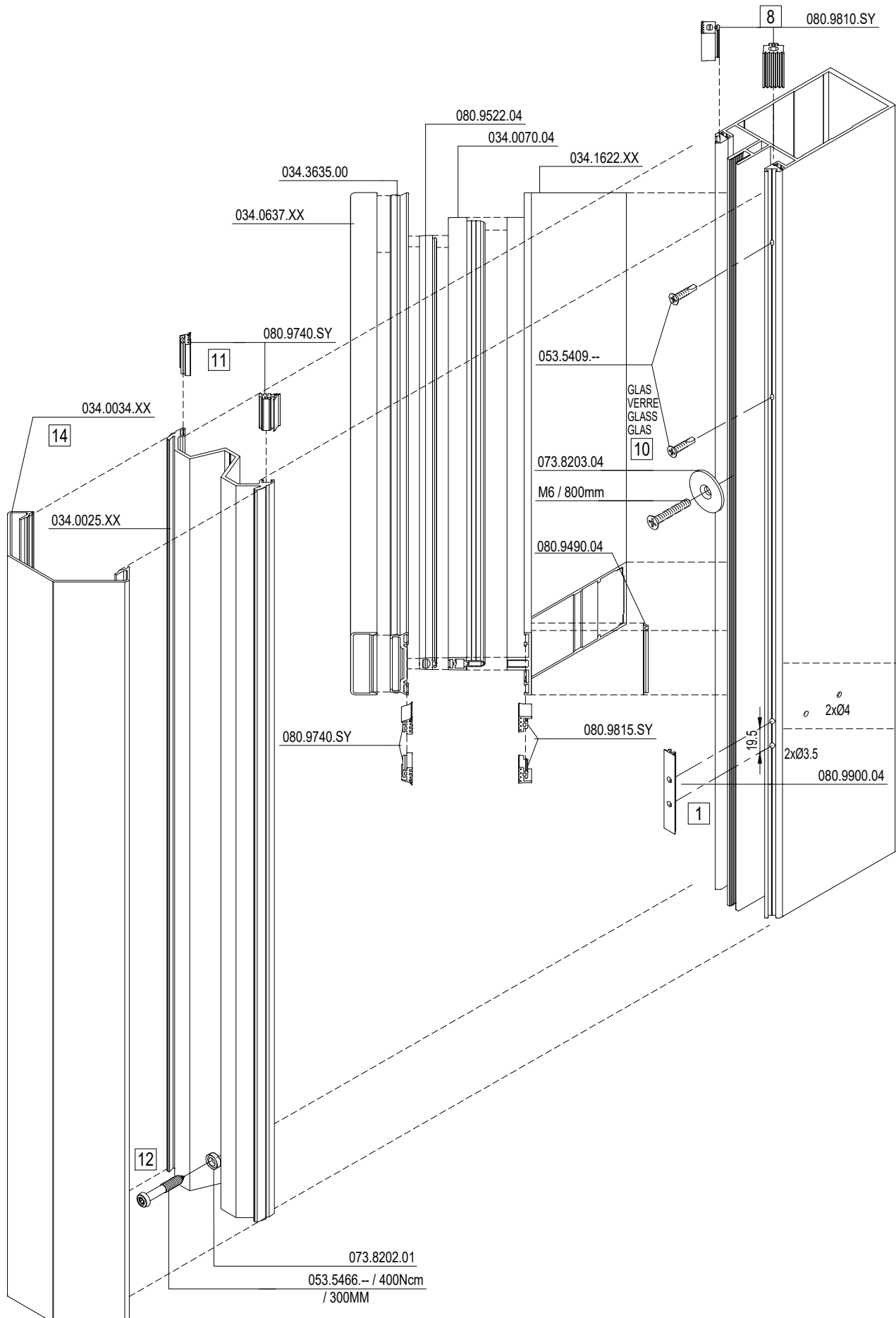


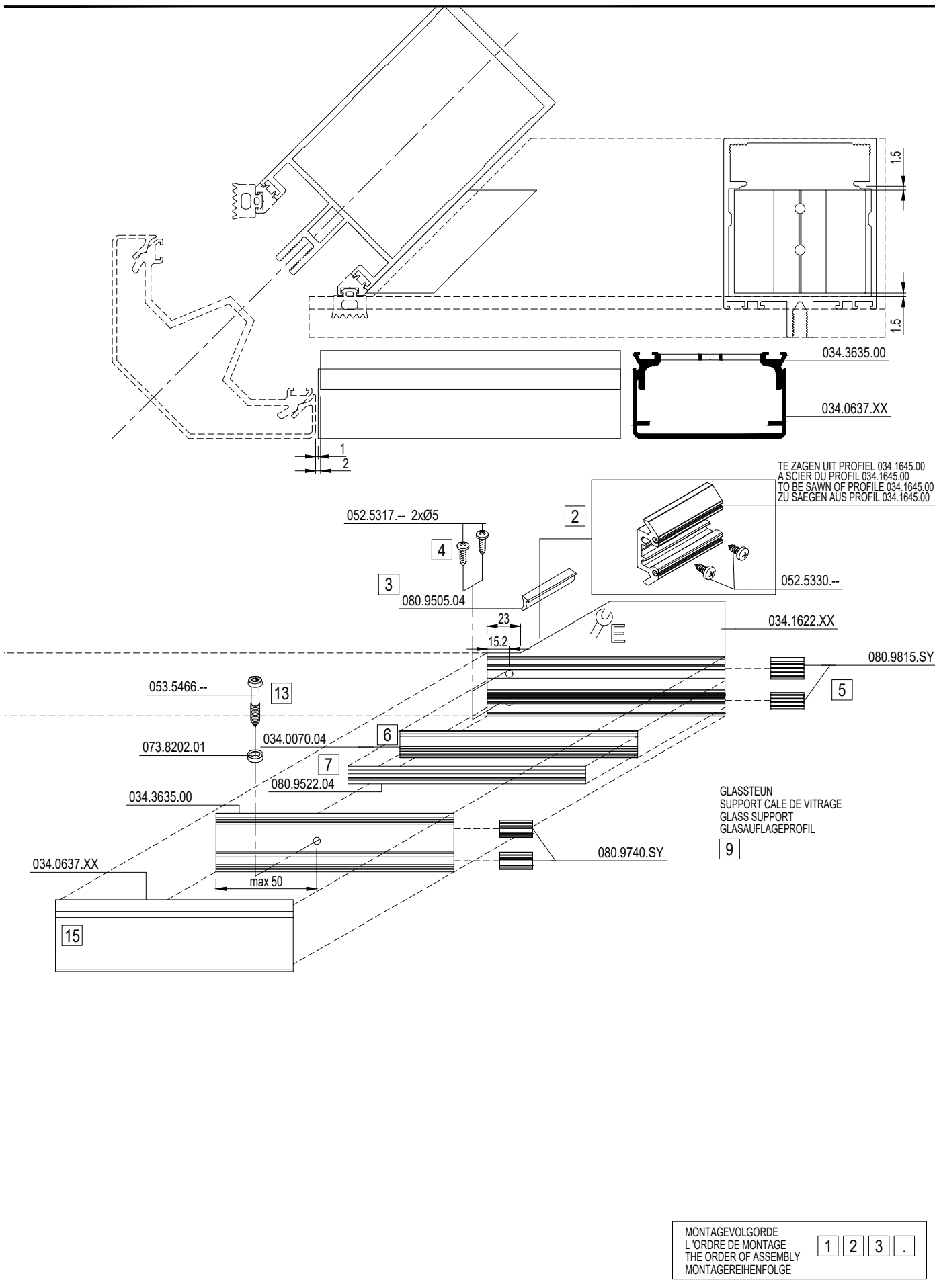
MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .

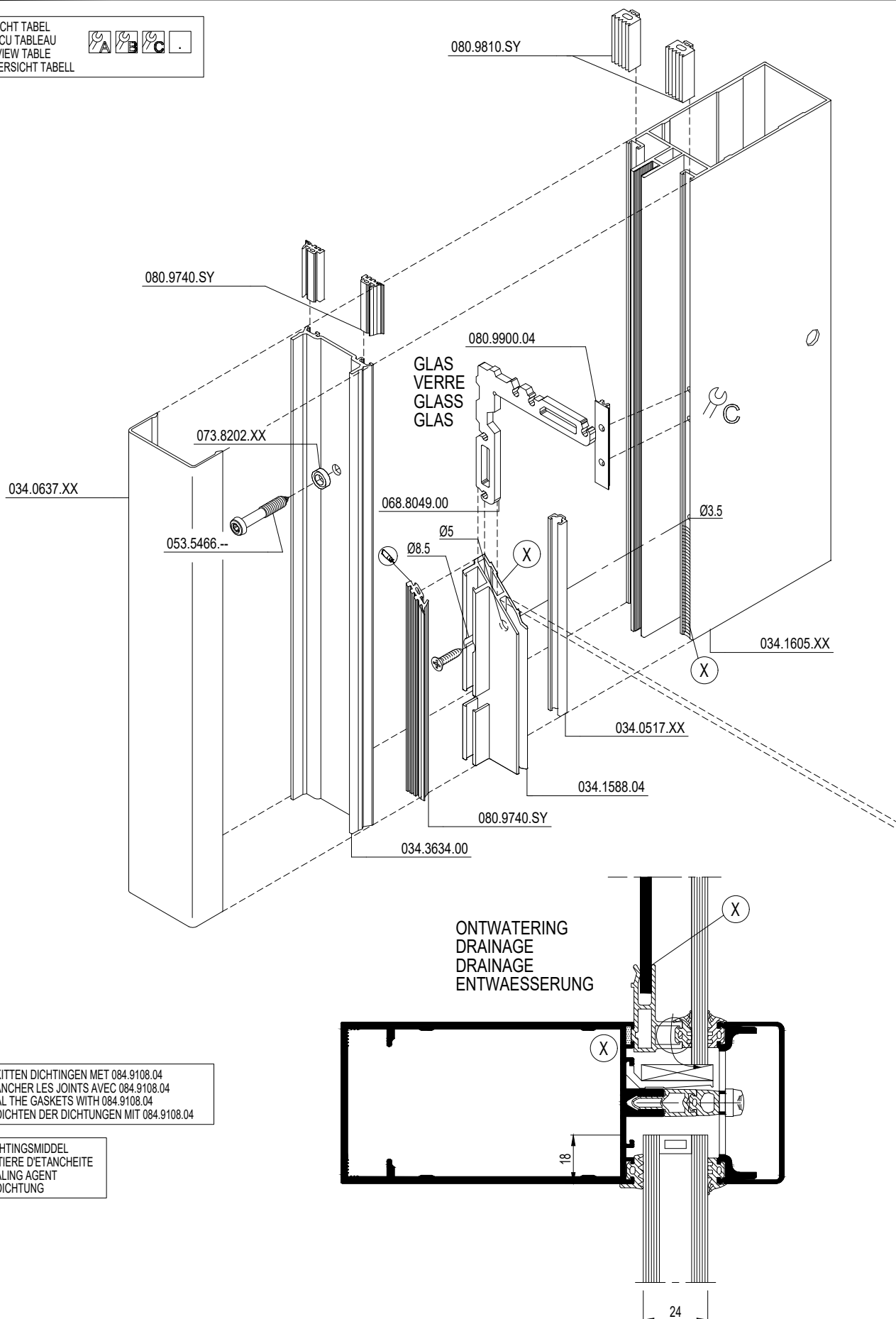


D0056054





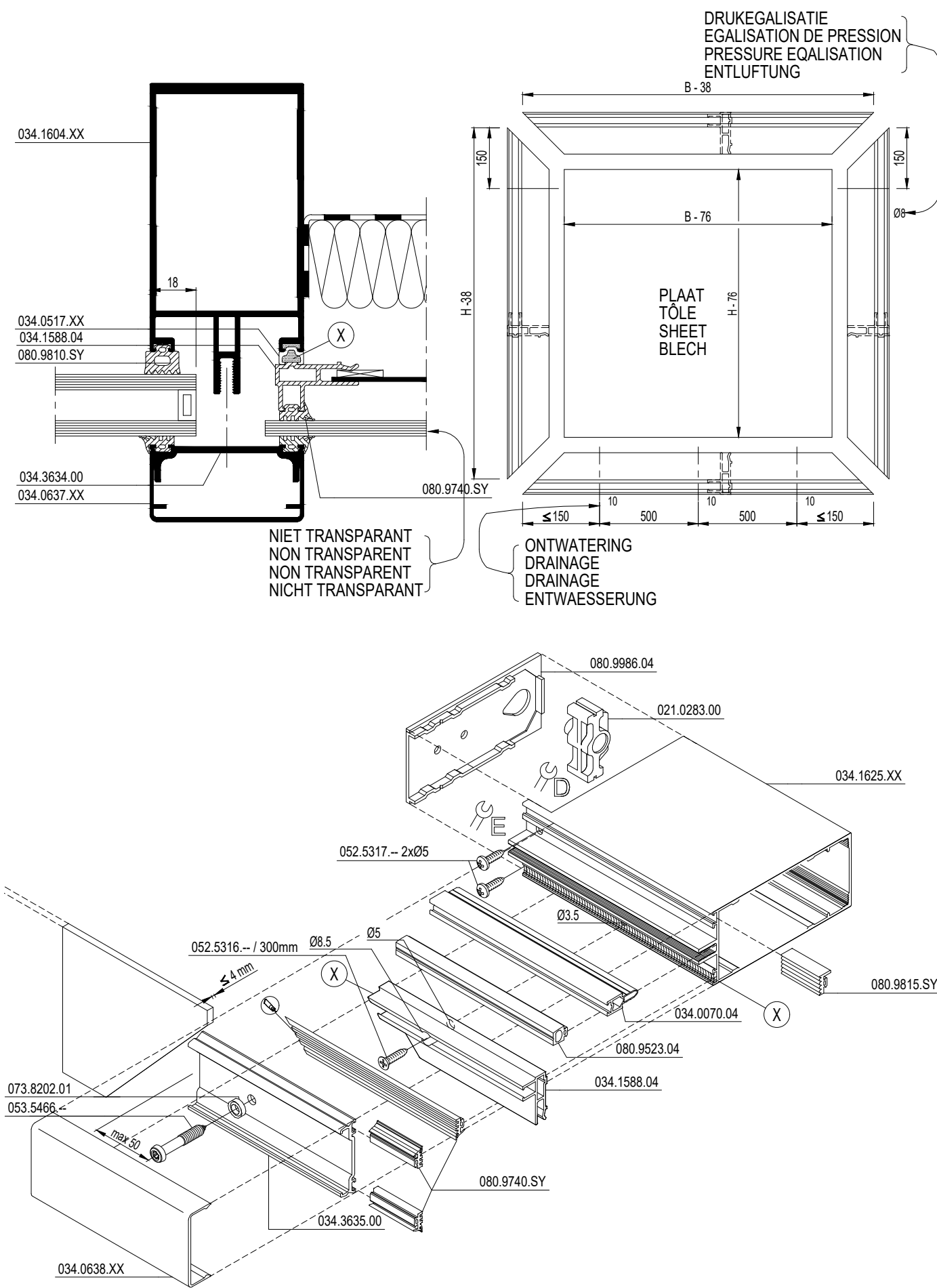
ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL

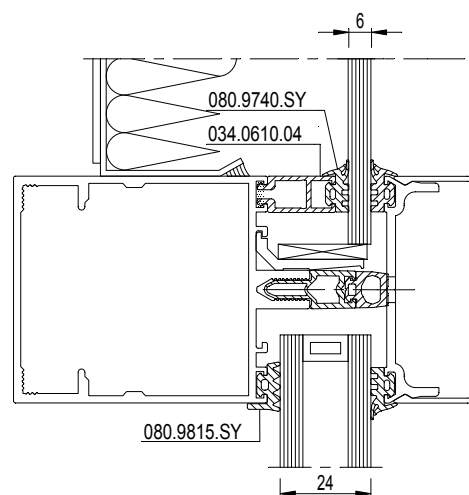
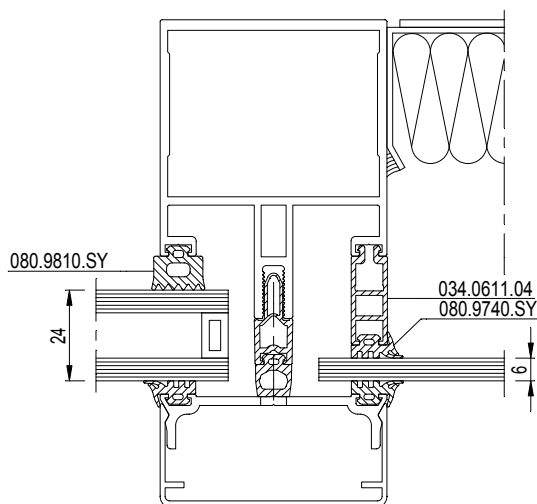


AFKITTEN DICHINGEN MET 084.9108.04
 ETANCHER LES JOINTS AVEC 084.9108.04
 SEAL THE GASKETS WITH 084.9108.04
 ABDICHTEN DER DICHINGEN MIT 084.9108.04

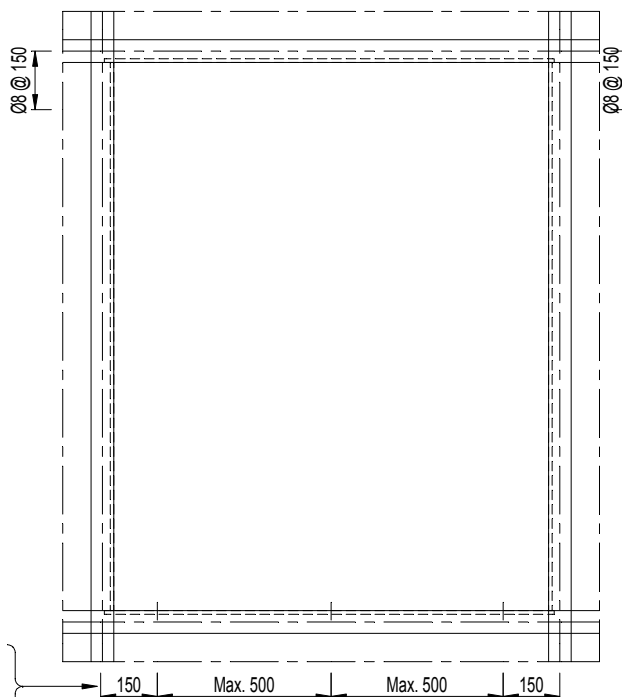


DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

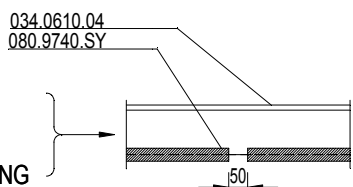




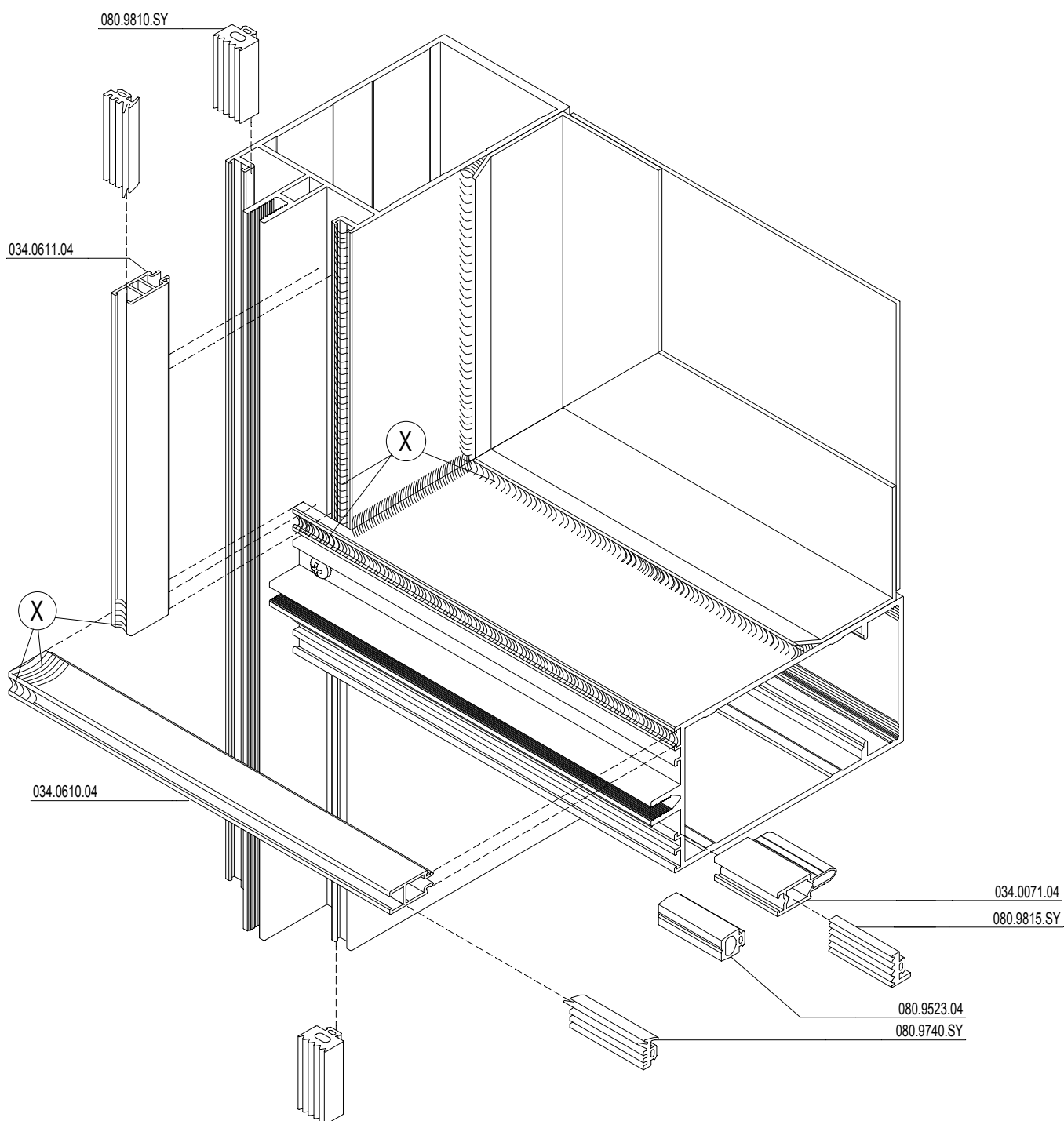
DRUKEGALISATIE
 EGALISATION DE PRESSION
 PRESSURE EQUALISATION
 ENTLUFTUNG



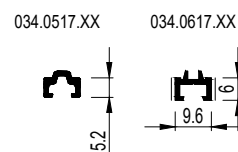
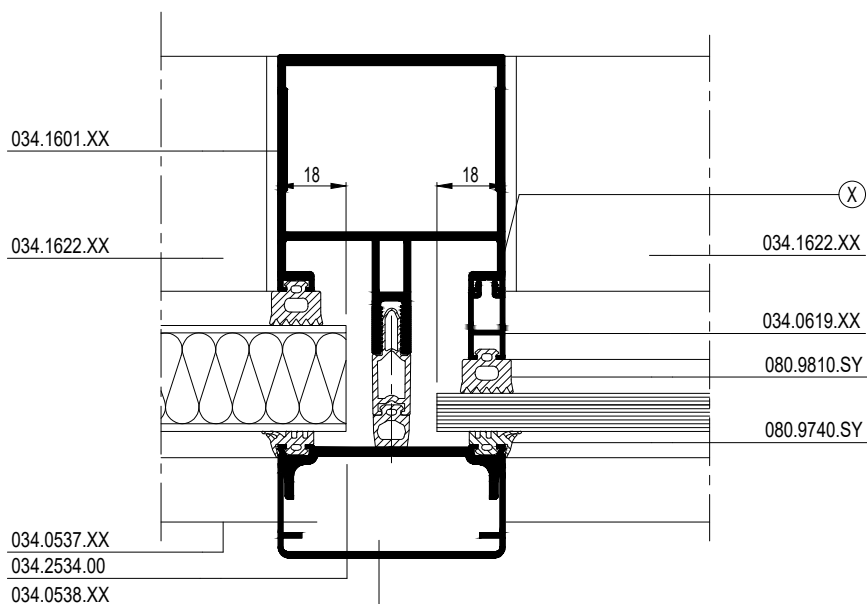
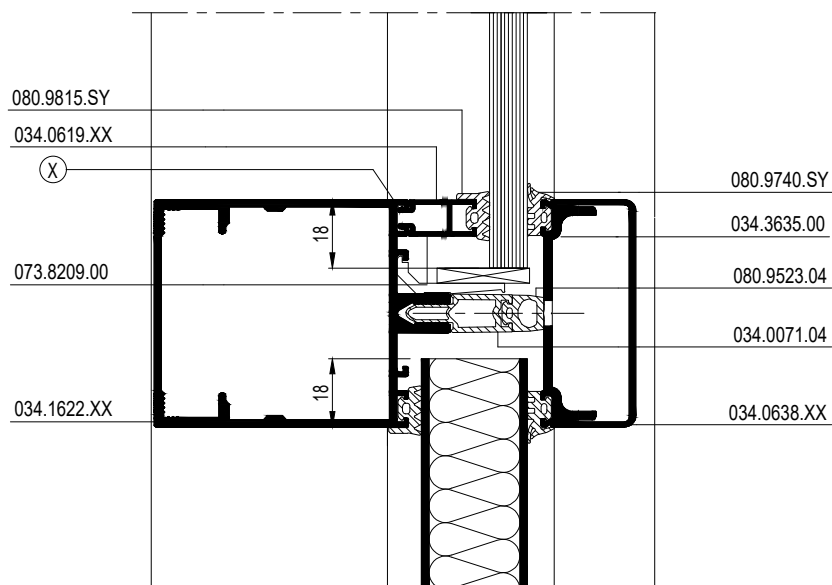
ONTWATERING
 DRAINAGE
 DRAINAGE
 ENTWAESSERUNG



VERLUCHTING VOLGENS LOKALE RICHTLIJNEN
 AERATION SELON LES DIRECTIVES LOCALES
 VENTILATION ACCORDING TO THE LOCAL INSTRUCTIONS
 BELÜFTUNG GEMAESS DEN LOKALEN RICHTLINIEN



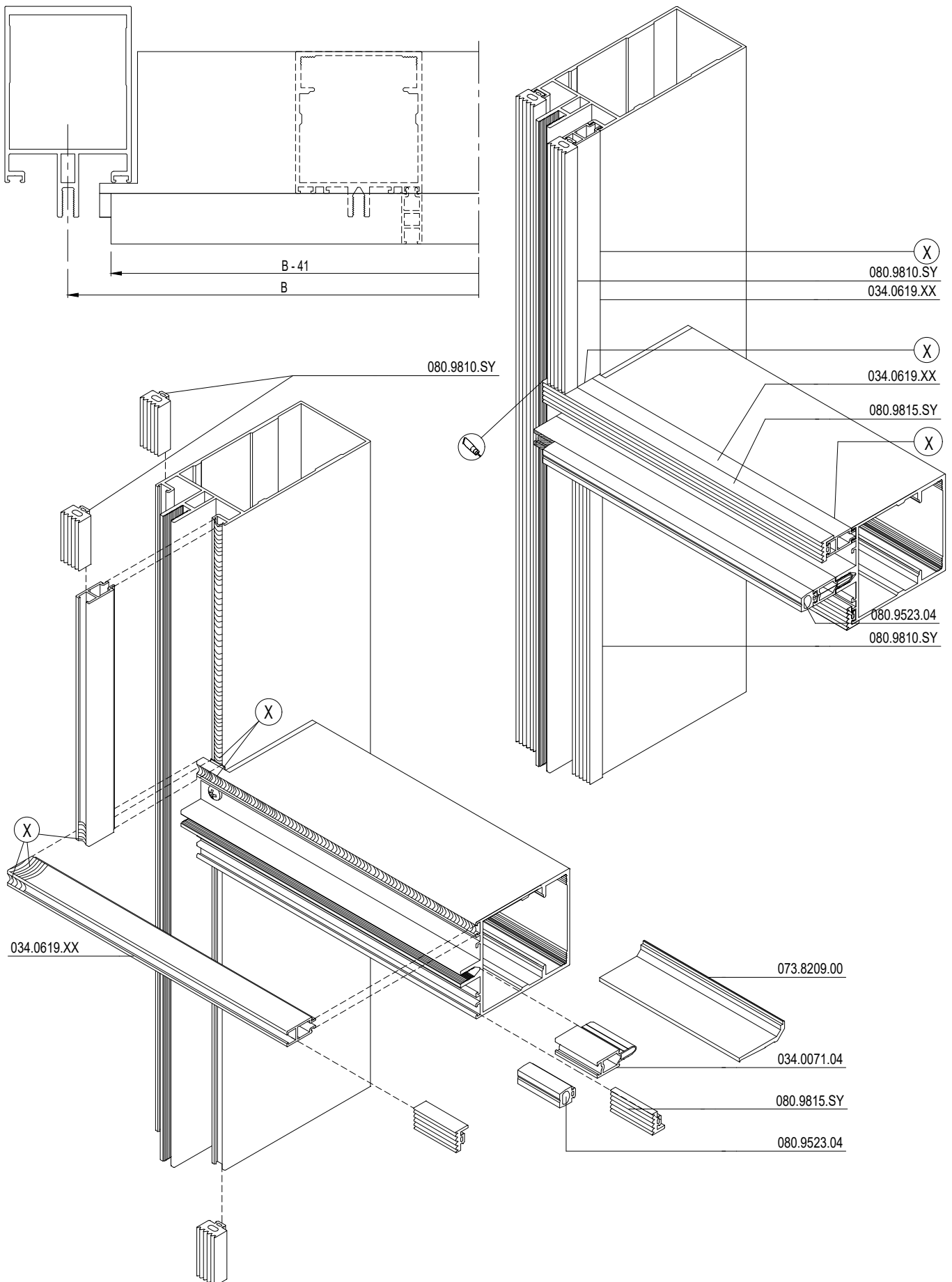
(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG



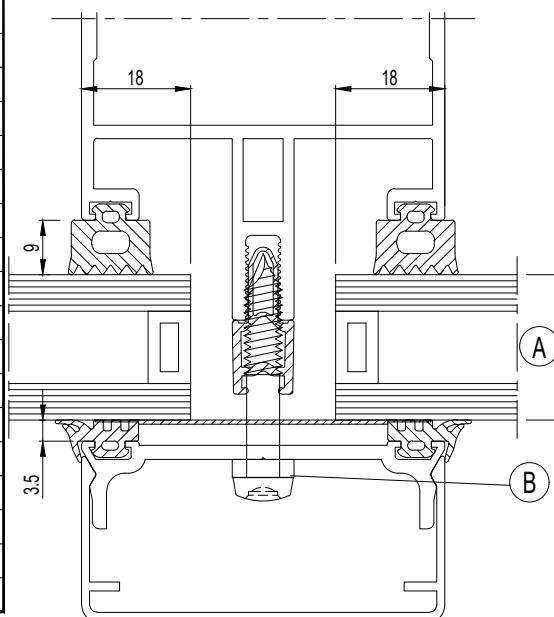
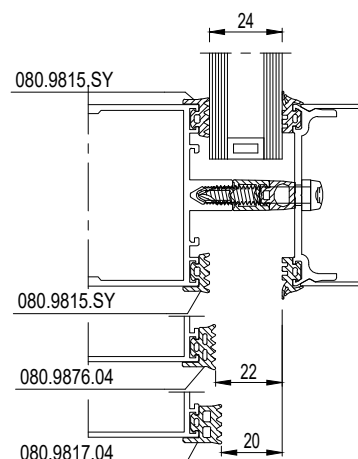
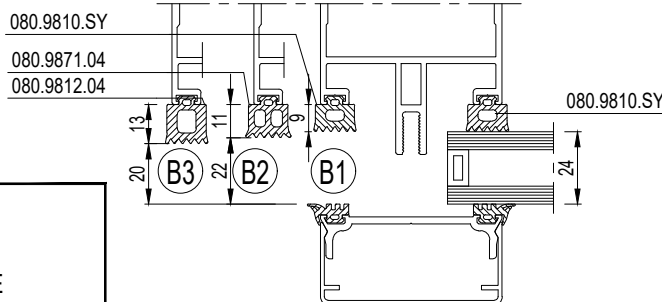
DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

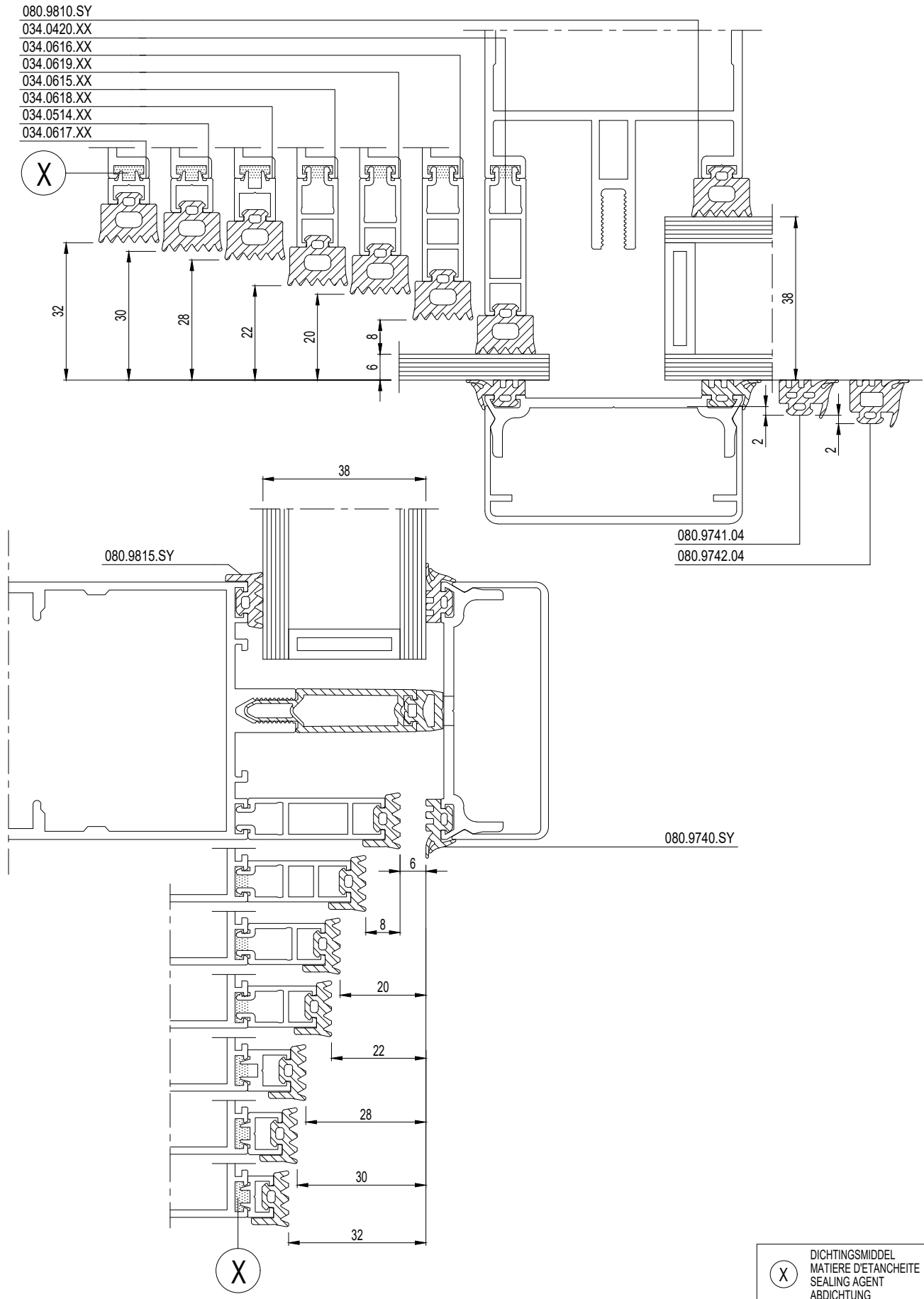


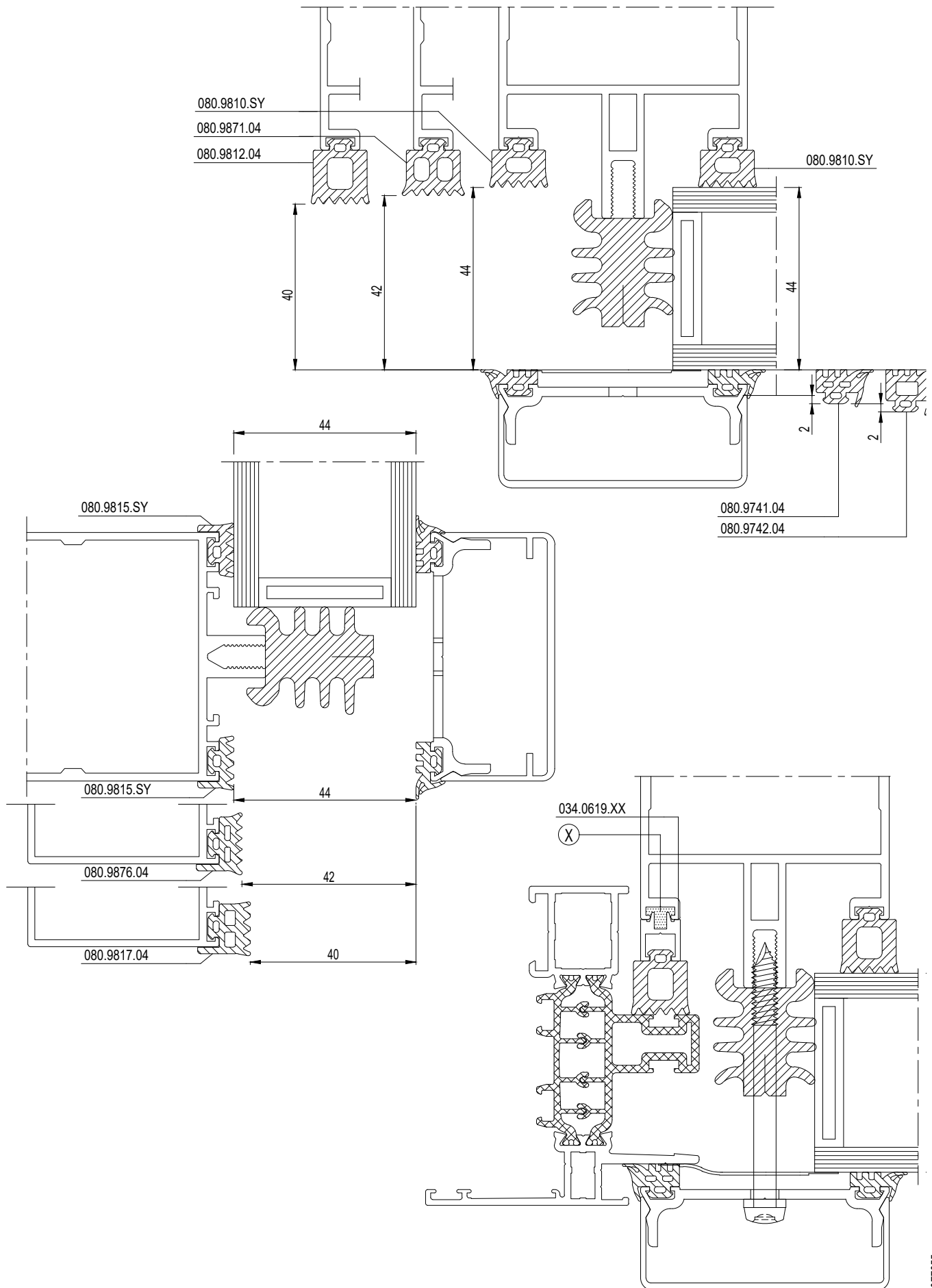
AFKITTEN DICHTINGEN MET 084.9108.04
 ETANCHER LES JOINTS AVEC 084.9108.04
 SEAL THE GASKETS WITH 084.9108.04
 ABDICHTEN DER DICHTUNGEN MIT 084.9108.04

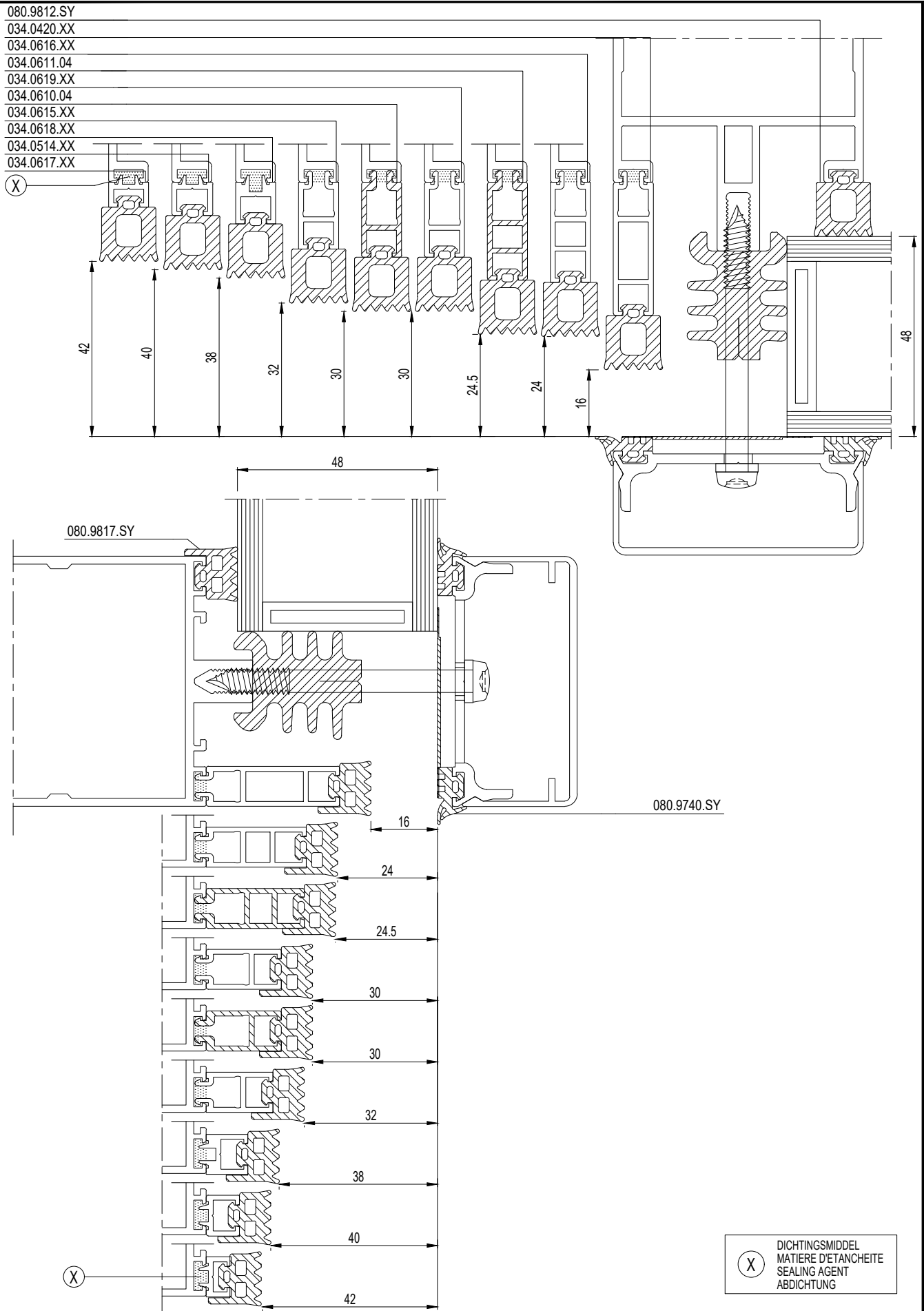


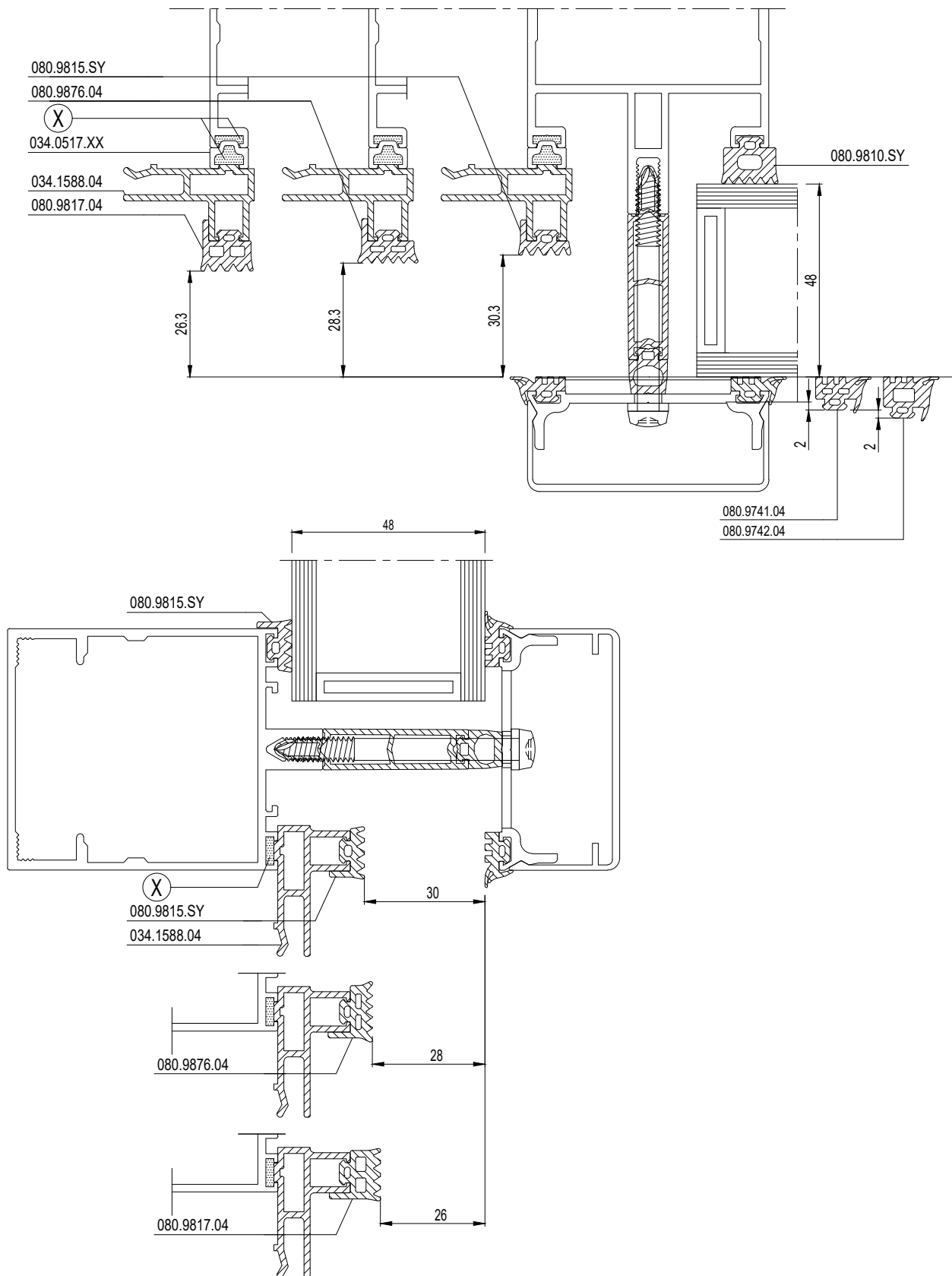
A		B1		B2		B3	
GLAS VERRE GLASS GLAS	SCHROEF VIS SCREW SCHRAUBE						
6 mm	6.3x22	053.5461.--		6.3x22	053.5461.--	6.3x25	053.5462.--
7 mm	6.3x22	053.5461.--		6.3x22	053.5461.--	6.3x25	053.5462.--
8 mm	6.3x22	053.5461.--		6.3x25	053.5462.--	6.3x25	053.5462.--
9 mm	6.3x22	053.5461.--		6.3x25	053.5462.--	6.3x28	053.5463.--
10 mm	6.3x25	053.5462.--		6.3x25	053.5462.--	6.3x28	053.5463.--
11 mm	6.3x25	053.5462.--		6.3x28	053.5463.--	6.3x28	053.5463.--
12 mm	6.3x25	053.5462.--		6.3x28	053.5463.--	6.3x31	053.5464.--
13 mm	6.3x28	053.5463.--		6.3x28	053.5463.--	6.3x31	053.5464.--
14 mm	6.3x28	053.5463.--		6.3x31	053.5464.--	6.3x31	053.5464.--
15 mm	6.3x28	053.5463.--		6.3x31	053.5464.--	6.3x34	053.5465.--
16 mm	6.3x31	053.5464.--		6.3x31	053.5464.--	6.3x34	053.5465.--
17 mm	6.3x31	053.5464.--		6.3x34	053.5465.--	6.3x34	053.5465.--
18 mm	6.3x31	053.5464.--		6.3x34	053.5465.--	6.3x37	053.5466.--
19 mm	6.3x34	053.5465.--		6.3x34	053.5465.--	6.3x37	053.5466.--
20 mm	6.3x34	053.5465.--		6.3x37	053.5466.--	6.3x37	053.5466.--
21 mm	6.3x34	053.5465.--		6.3x37	053.5466.--	6.3x40	053.5467.--
22 mm	6.3x37	053.5466.--		6.3x37	053.5466.--	6.3x40	053.5467.--
23 mm	6.3x37	053.5466.--		6.3x40	053.5467.--	6.3x40	053.5467.--
24 mm	6.3x37	053.5466.--		6.3x40	053.5467.--	6.3x43	053.5468.--
25 mm	6.3x40	053.5467.--		6.3x40	053.5467.--	6.3x43	053.5468.--
26 mm	6.3x40	053.5467.--		6.3x43	053.5468.--	6.3x43	053.5468.--
27 mm	6.3x40	053.5467.--		6.3x43	053.5468.--	6.3x46	053.5469.--
28 mm	6.3x43	053.5468.--		6.3x43	053.5468.--	6.3x46	053.5469.--
29 mm	6.3x43	053.5468.--		6.3x46	053.5469.--	6.3x46	053.5469.--
30 mm	6.3x43	053.5468.--		6.3x46	053.5469.--	6.3x49	053.5470.--
31 mm	6.3x46	053.5469.--		6.3x46	053.5469.--	6.3x49	053.5470.--
32 mm	6.3x46	053.5469.--		6.3x49	053.5470.--	6.3x49	053.5470.--
33 mm	6.3x46	053.5469.--		6.3x49	053.5470.--	6.3x52	053.5471.--
34 mm	6.3x49	053.5470.--		6.3x49	053.5470.--	6.3x52	053.5471.--
35 mm	6.3x49	053.5470.--		6.3x52	053.5471.--	6.3x52	053.5471.--
36 mm	6.3x49	053.5470.--		6.3x52	053.5471.--	6.3x55	053.5472.--
37 mm	6.3x52	053.5471.--		6.3x52	053.5471.--	6.3x55	053.5472.--
38 mm	6.3x52	053.5471.--		6.3x55	053.5472.--	6.3x55	053.5472.--
39 mm	6.3x52	053.5471.--		6.3x55	053.5472.--	6.3x58	053.5473.--
40 mm	6.3x55	053.5472.--		6.3x55	053.5472.--	6.3x58	053.5473.--
41 mm	6.3x55	053.5472.--		6.3x58	053.5473.--	6.3x58	053.5473.--
42 mm	6.3x55	053.5472.--		6.3x58	053.5473.--	6.3x61	053.5474.--
43 mm	6.3x58	053.5473.--		6.3x58	053.5473.--	6.3x61	053.5474.--
44mm	6.3x58	053.5473.--		6.3x61	053.5474.--	6.3x61	053.5474.--
45mm	6.3x58	053.5473.--		6.3x61	053.5474.--	6.3x64	053.5475.--
46mm	6.3x61	053.5474.--		6.3x61	053.5474.--	6.3x64	053.5475.--
47mm	6.3x61	053.5474.--		6.3x64	053.5475.--	6.3x64	053.5475.--
48mm	6.3x61	053.5474.--		6.3x64	053.5475.--	6.3x67	053.5476.--
49mm	6.3x64	053.5475.--		6.3x64	053.5475.--	6.3x67	053.5476.--
50mm	6.3x64	053.5475.--		6.3x67	053.5476.--	6.3x67	053.5476.--

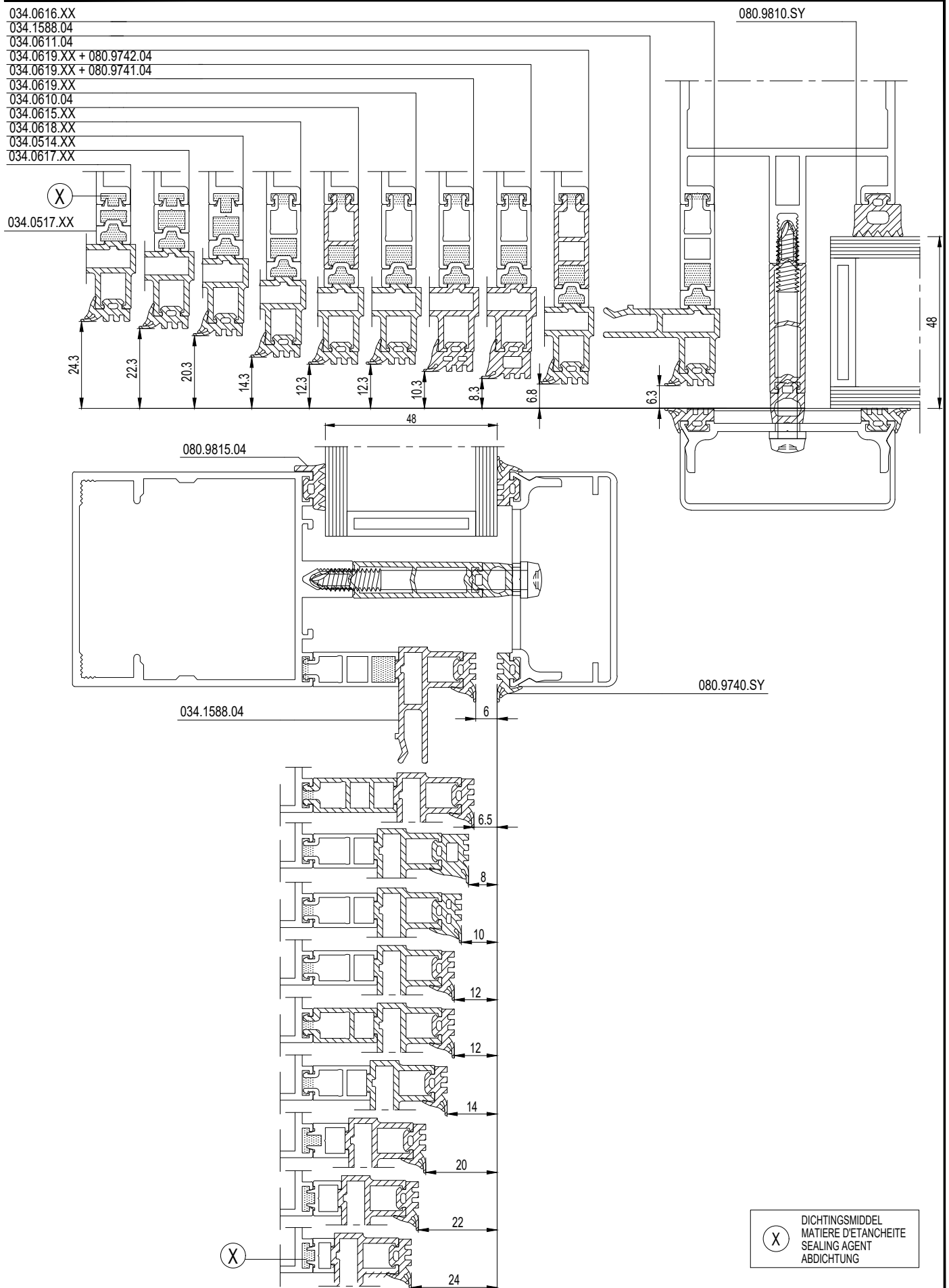








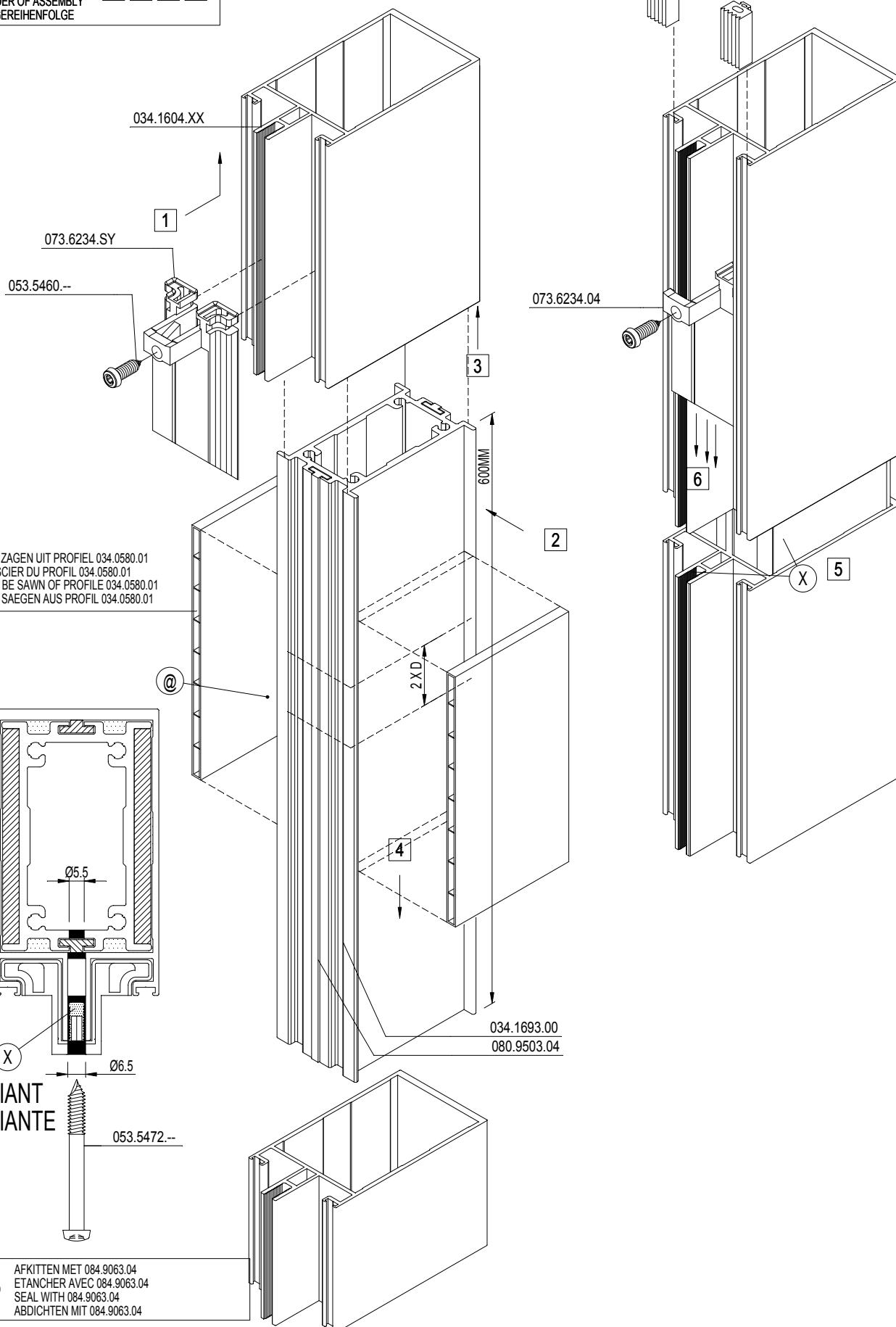




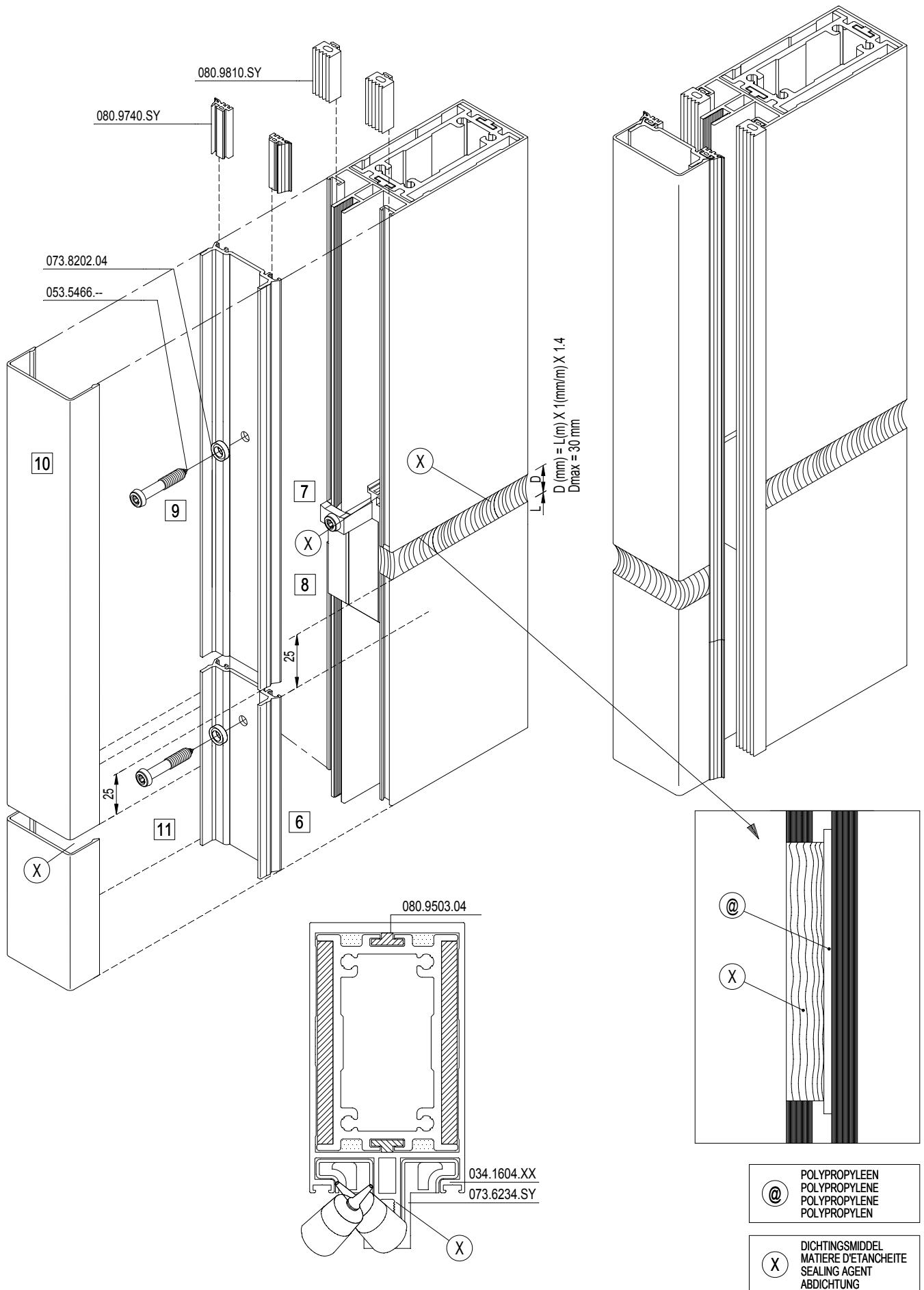
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

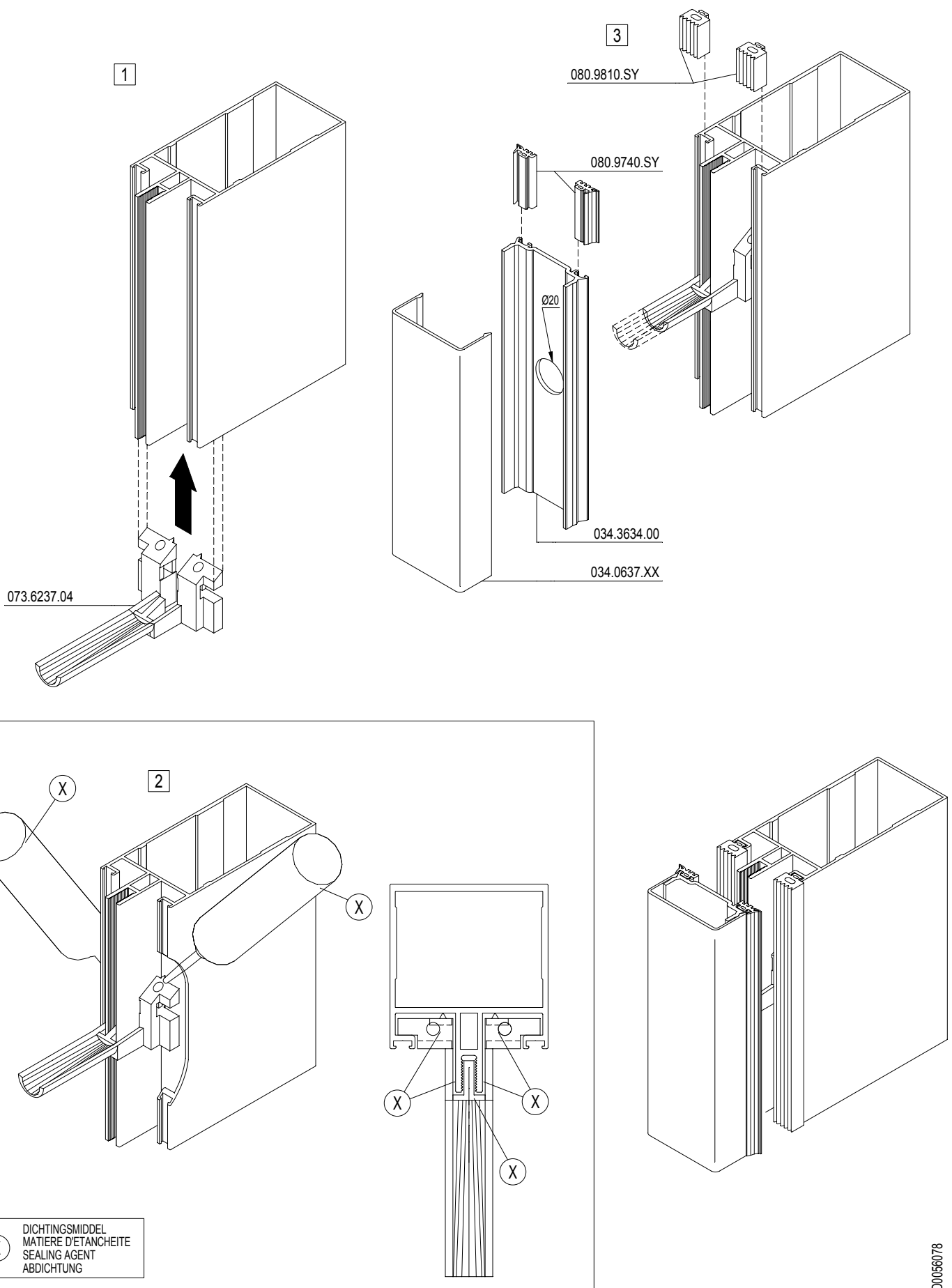
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080.9810.SY

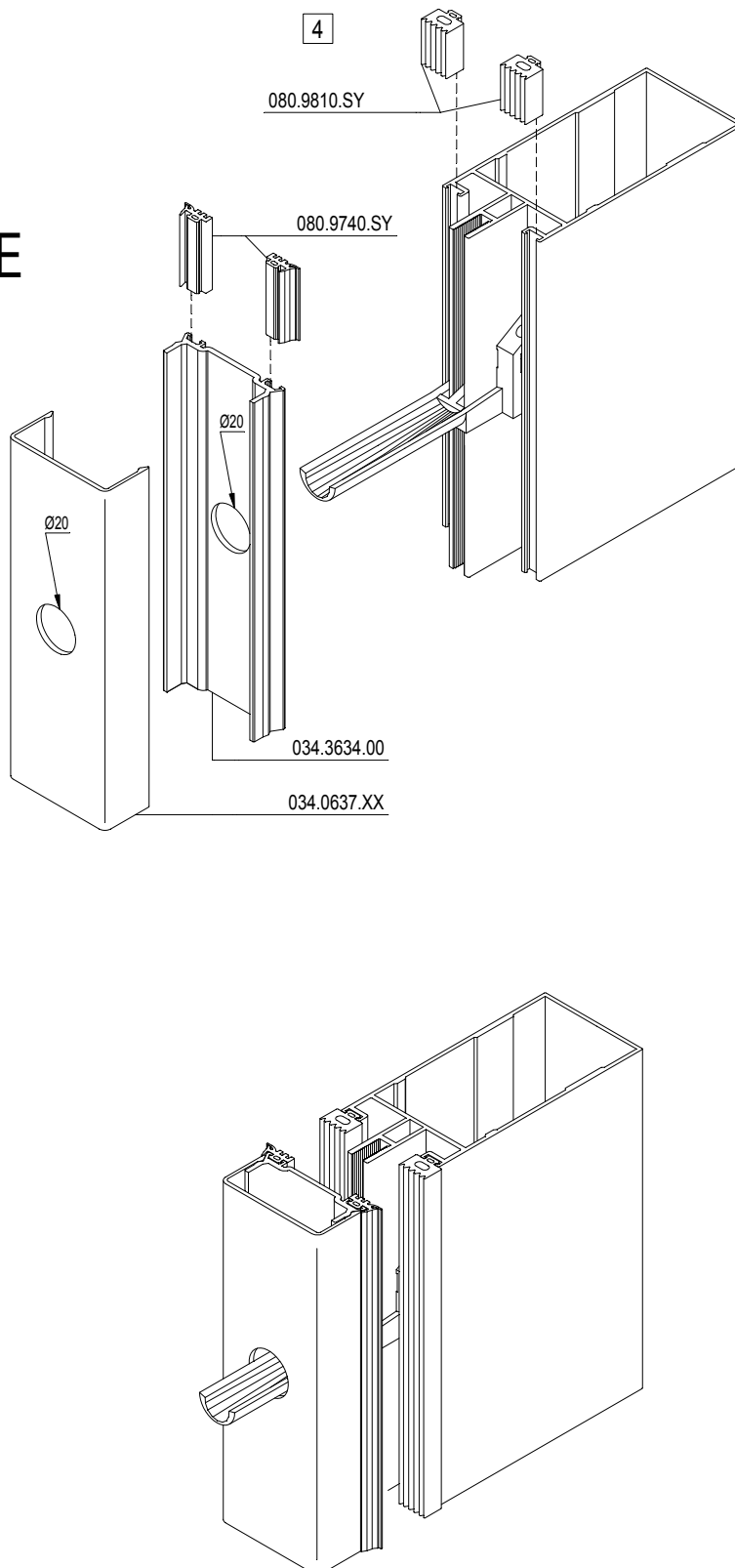


D0056065





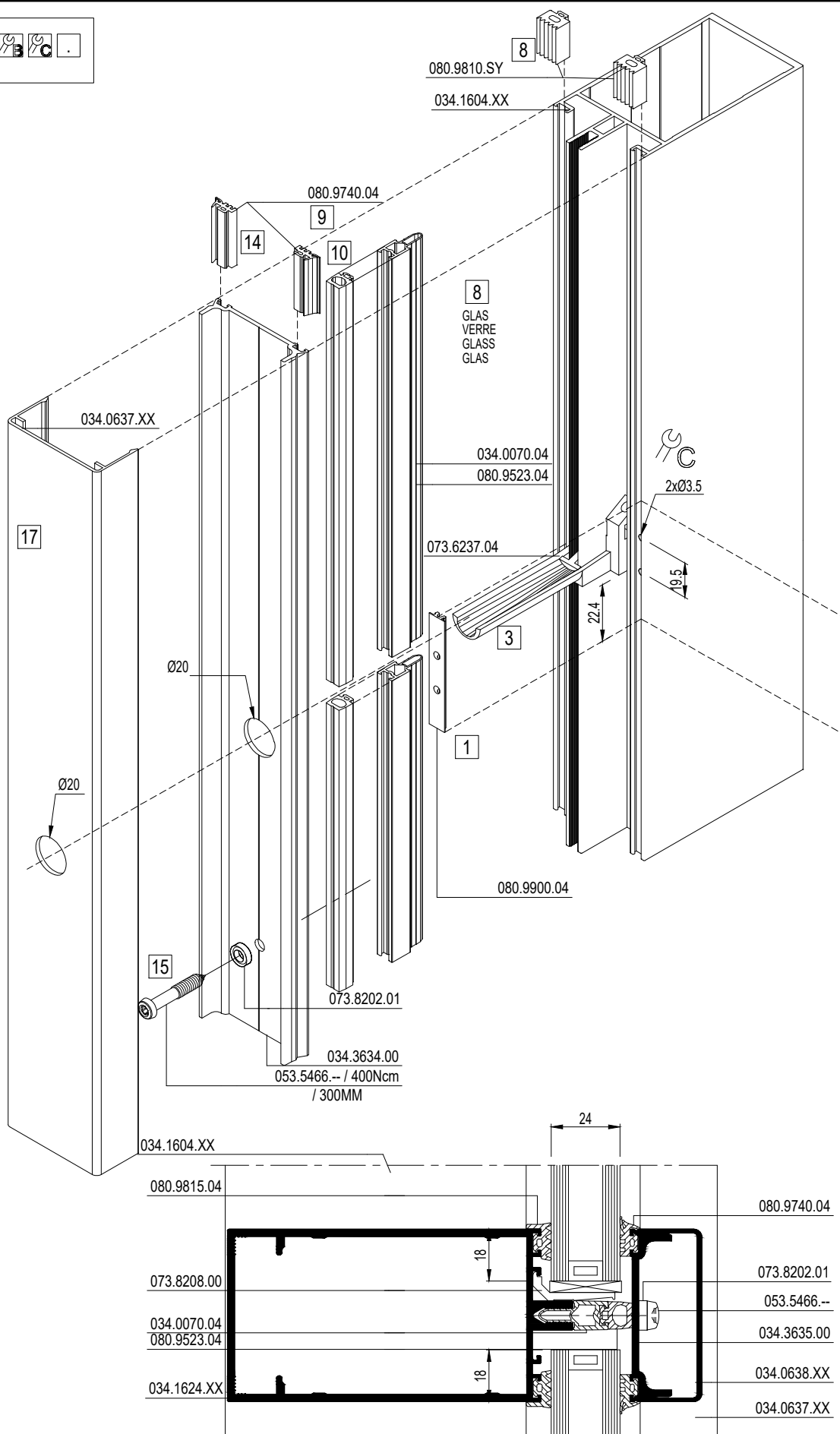
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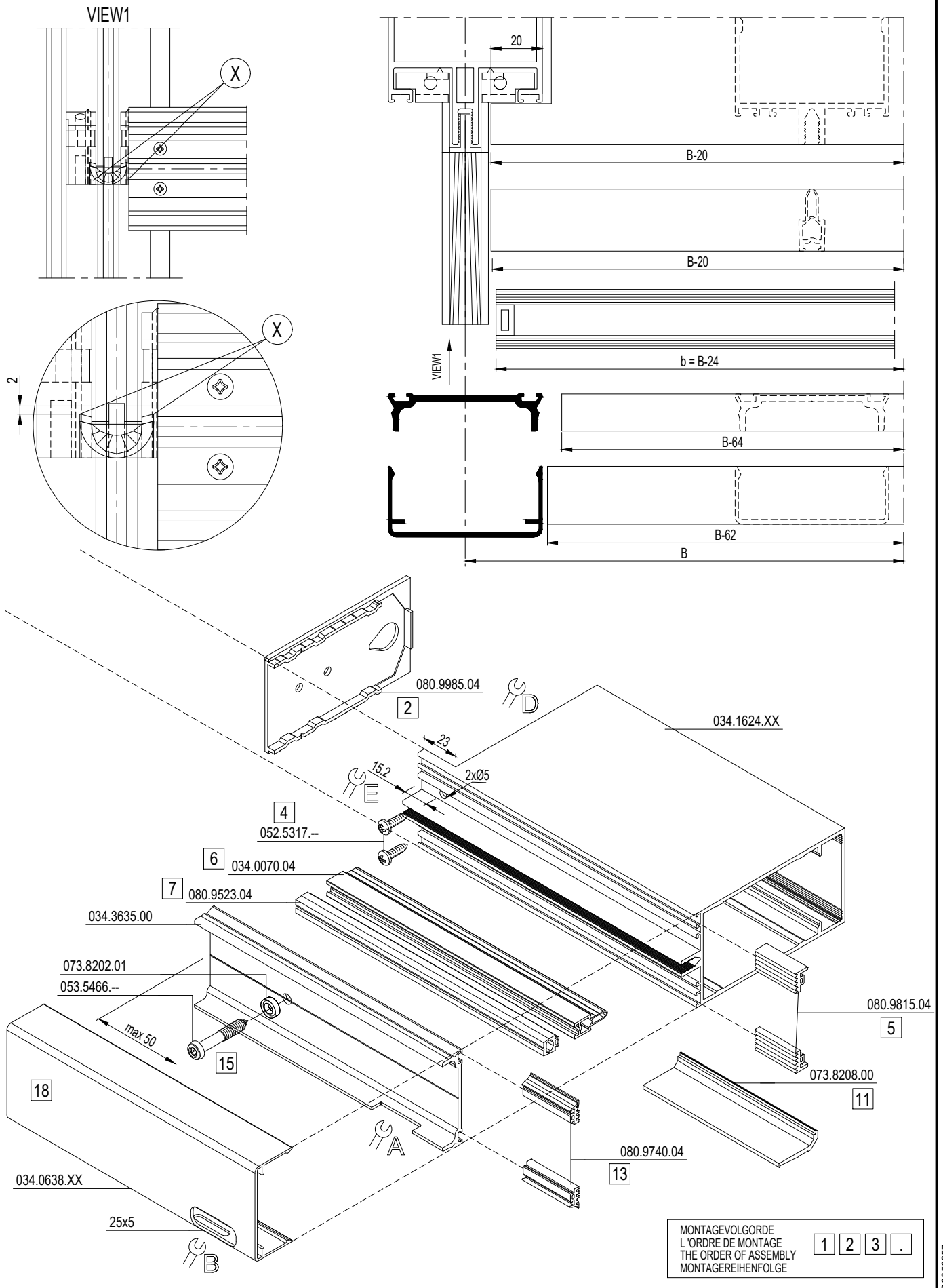
MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

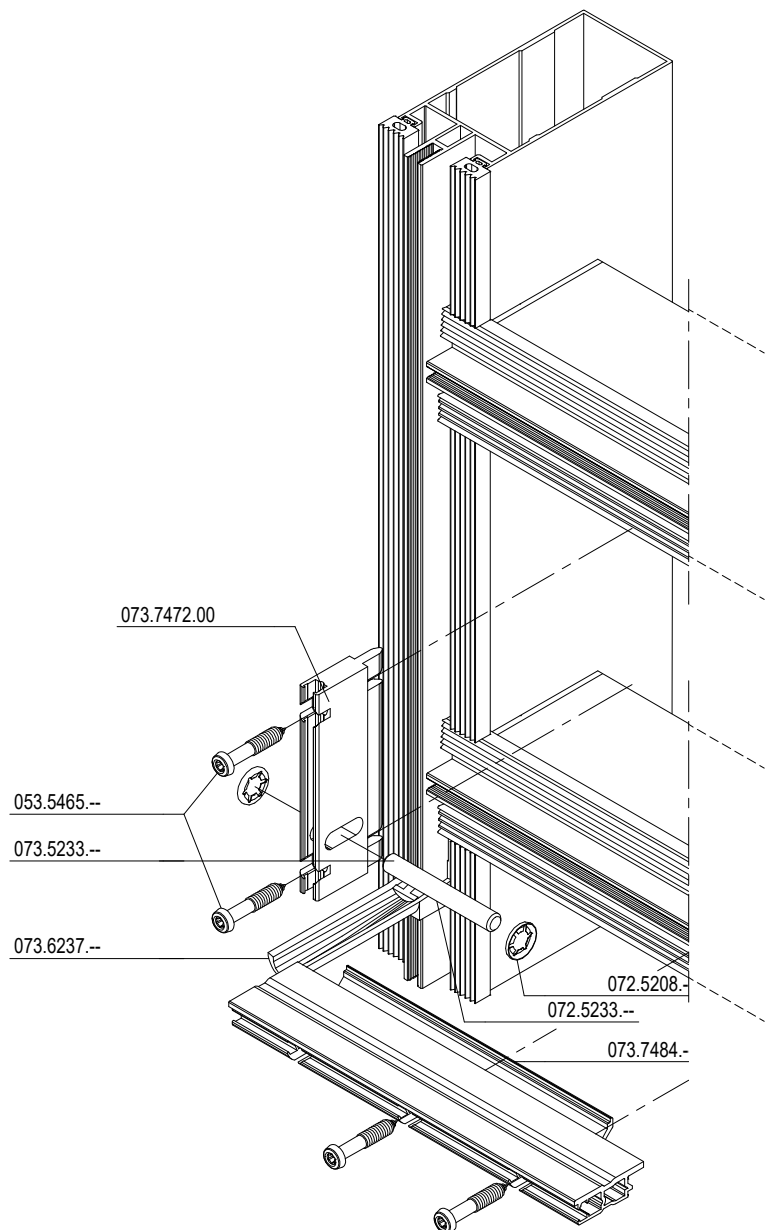
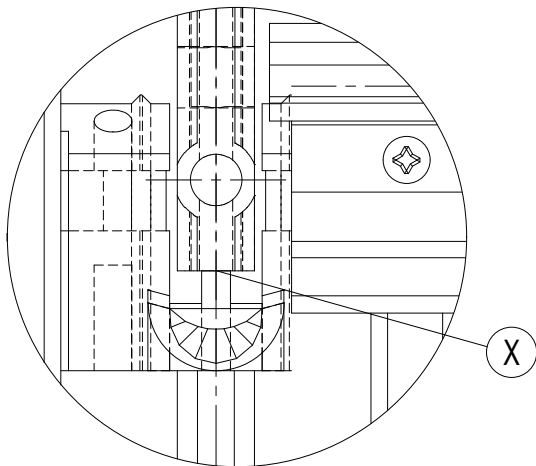
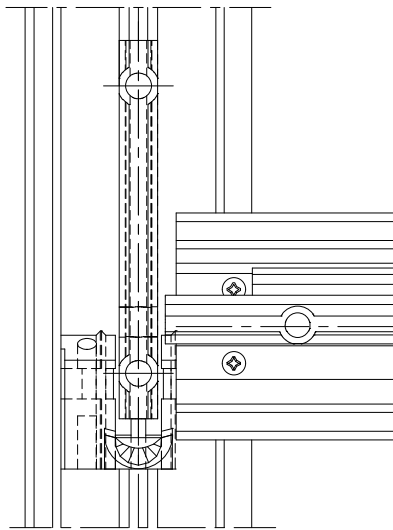
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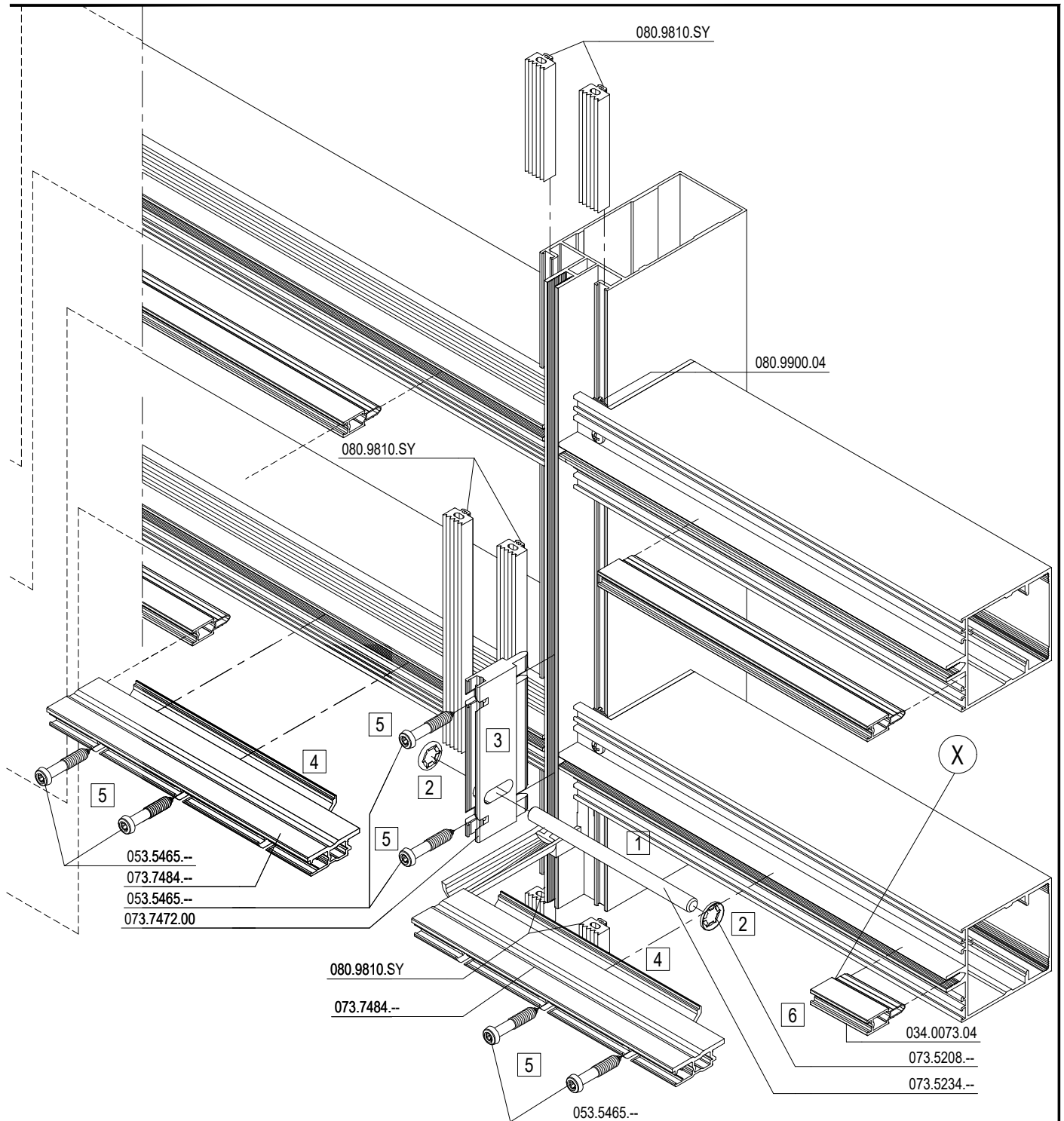
ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL



D0056257



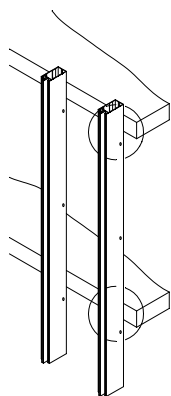




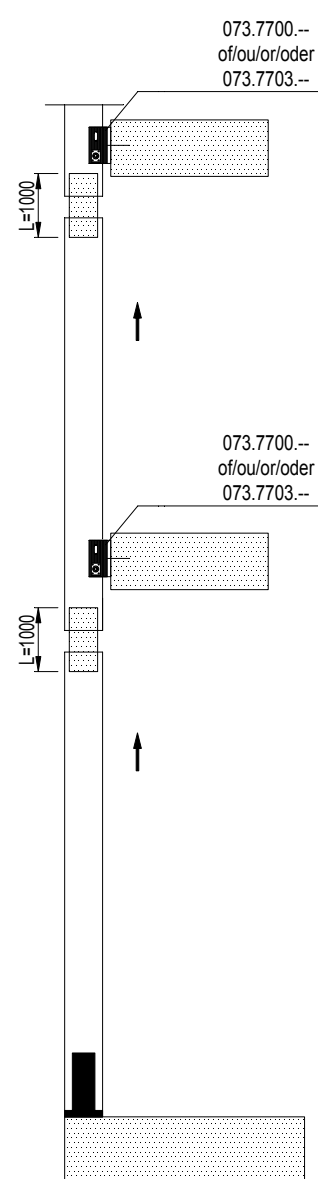
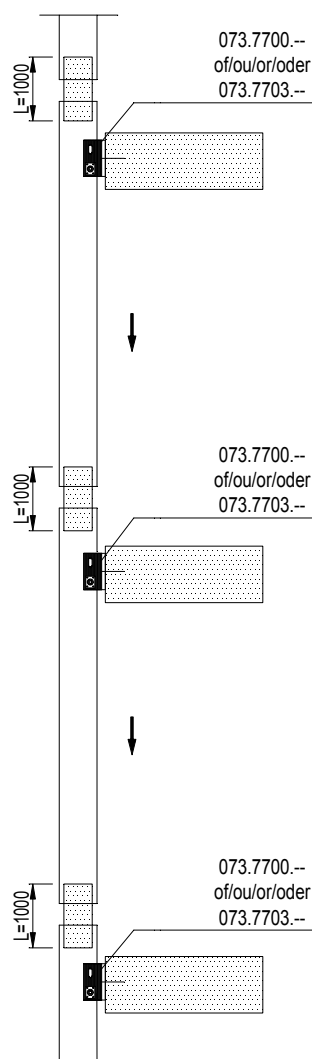
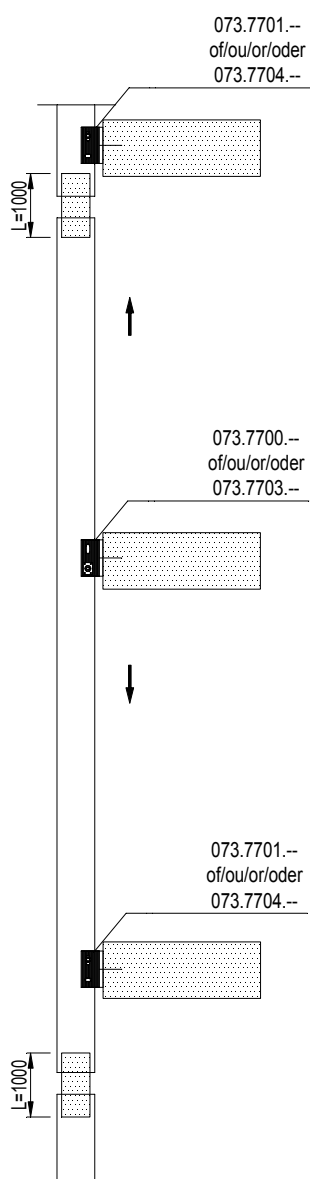
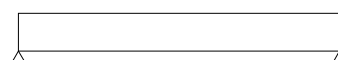
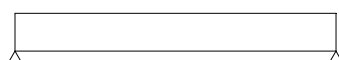
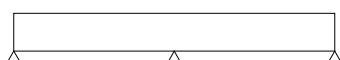
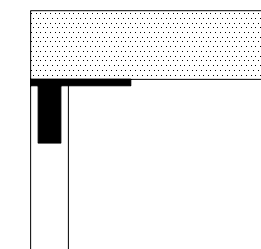
(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

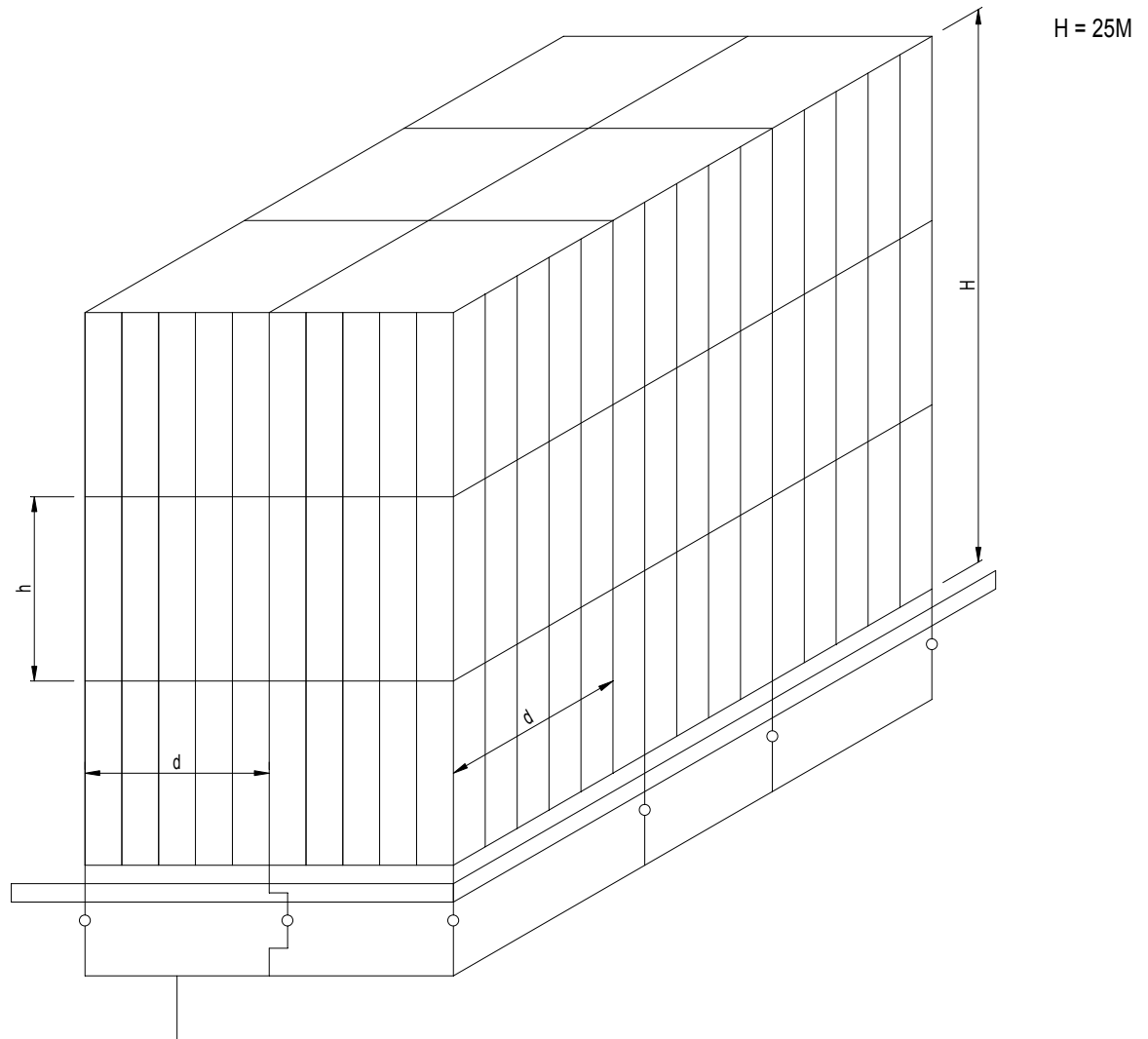
1	2	3	.
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PLAFONDANKER
 ANCRAGE AU PLAFOND
 CEILING ANCHOR
 DECKENANKER

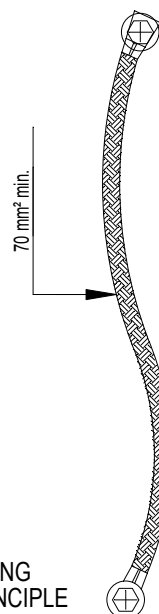
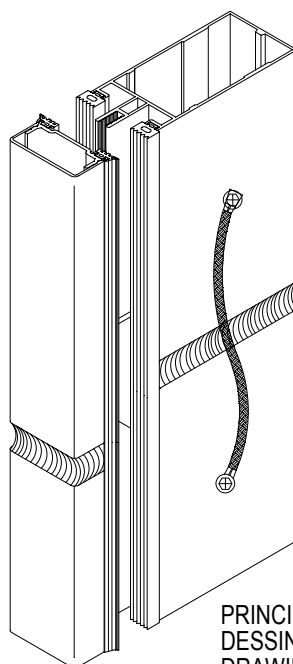


BODEMANKER
 ANCRAGE AU SOL
 BOTTOM ANCHOR
 BODENANKER



DE AARDING VAN DE GEVELS IS PROJECT EN LAND AFHANKELIJK.
 LA MISE À LA TERRE DU MUR-RIDEAU DÉPEND DU PROJET ET DU PAYS
 THE EARTHING OF THE CURTAIN WALL IS PROJECT AND COUNTRY DEPENDENT
 DIE ERDUNG DER FASSADE IS PROJEKT- UND LANDABHÄNGIG

EN 13830

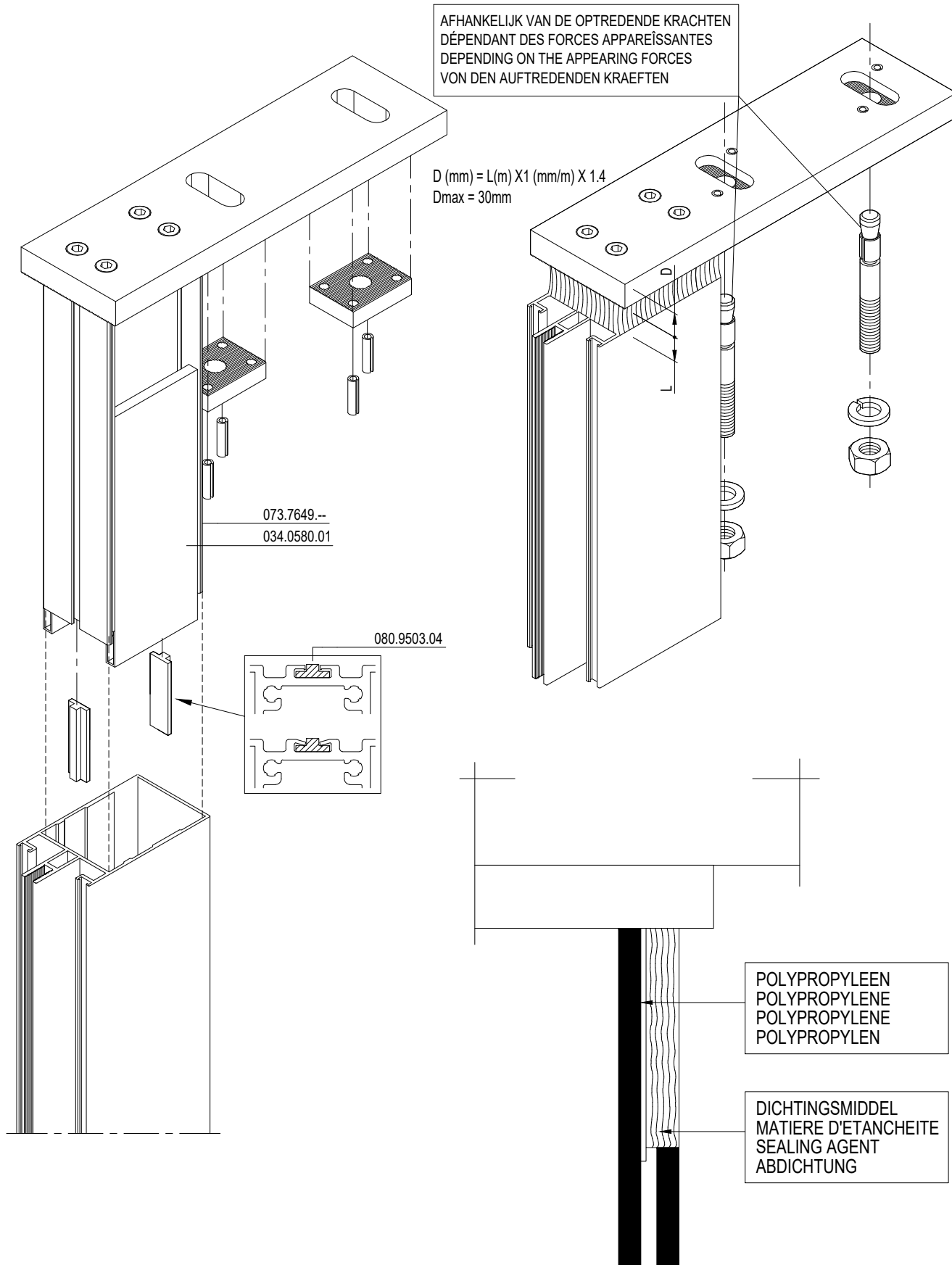


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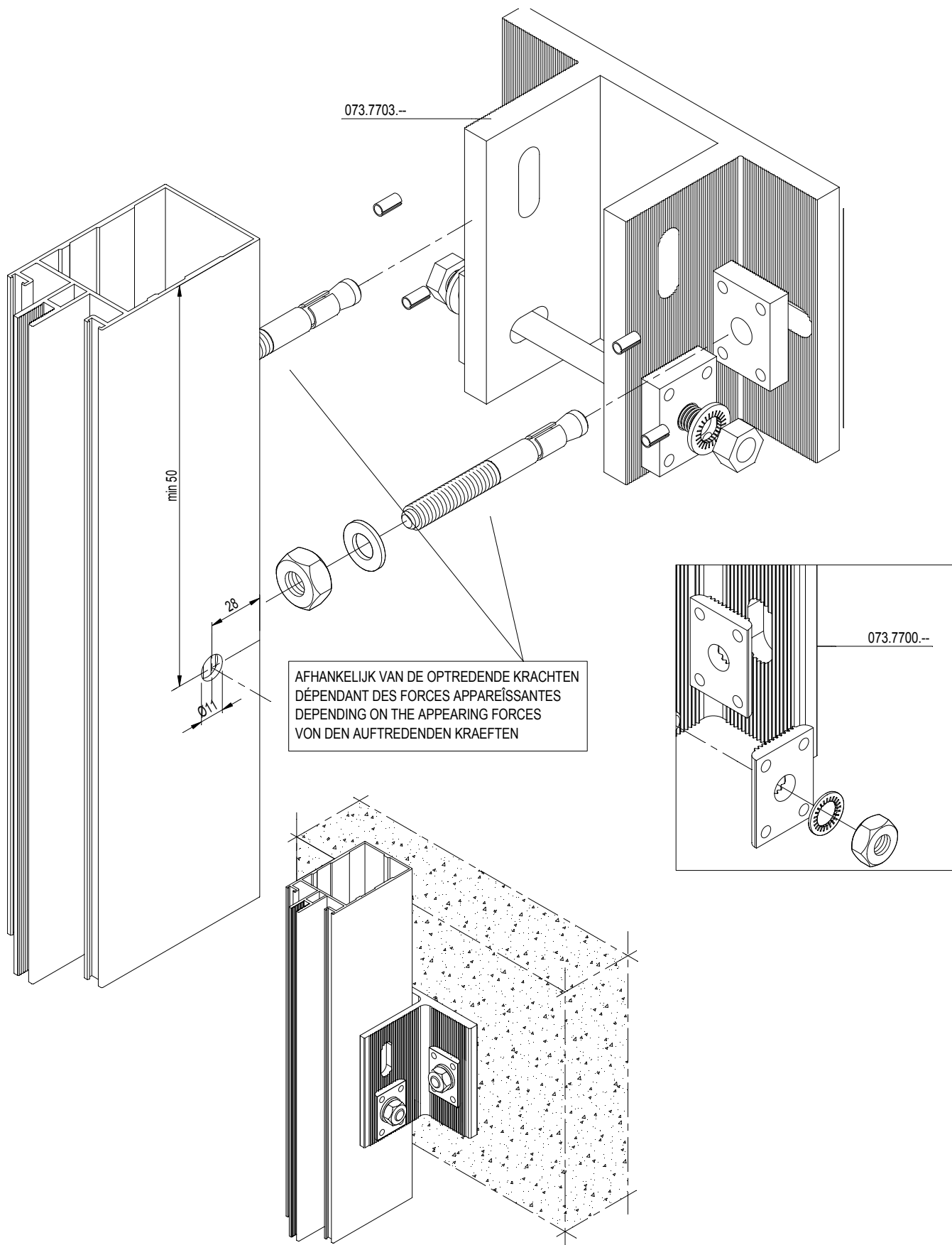
PRINCIPETEKENING
 DESSINS DE PRINCIPLE
 DRAWINGS IN PRINCIPLE
 PRINZIPZEICHNUNGEN



PRINCIPETEKENING: ANKER + BEVESTIGING BEREKENEN P. 52.B.---
 DESSINS DE PRINCIPLE: ANCRAGE + FIXATION CALCULER P. 52.B.---
 DRAWINGS IN PRINCIPLE: ANCHOR + FIXINGS CALCULATE P. 52.B.---
 PRINZIPZEICHNUNGEN: ANKER + BEFESTIGUNG BERECHNEN P. 52.B.---

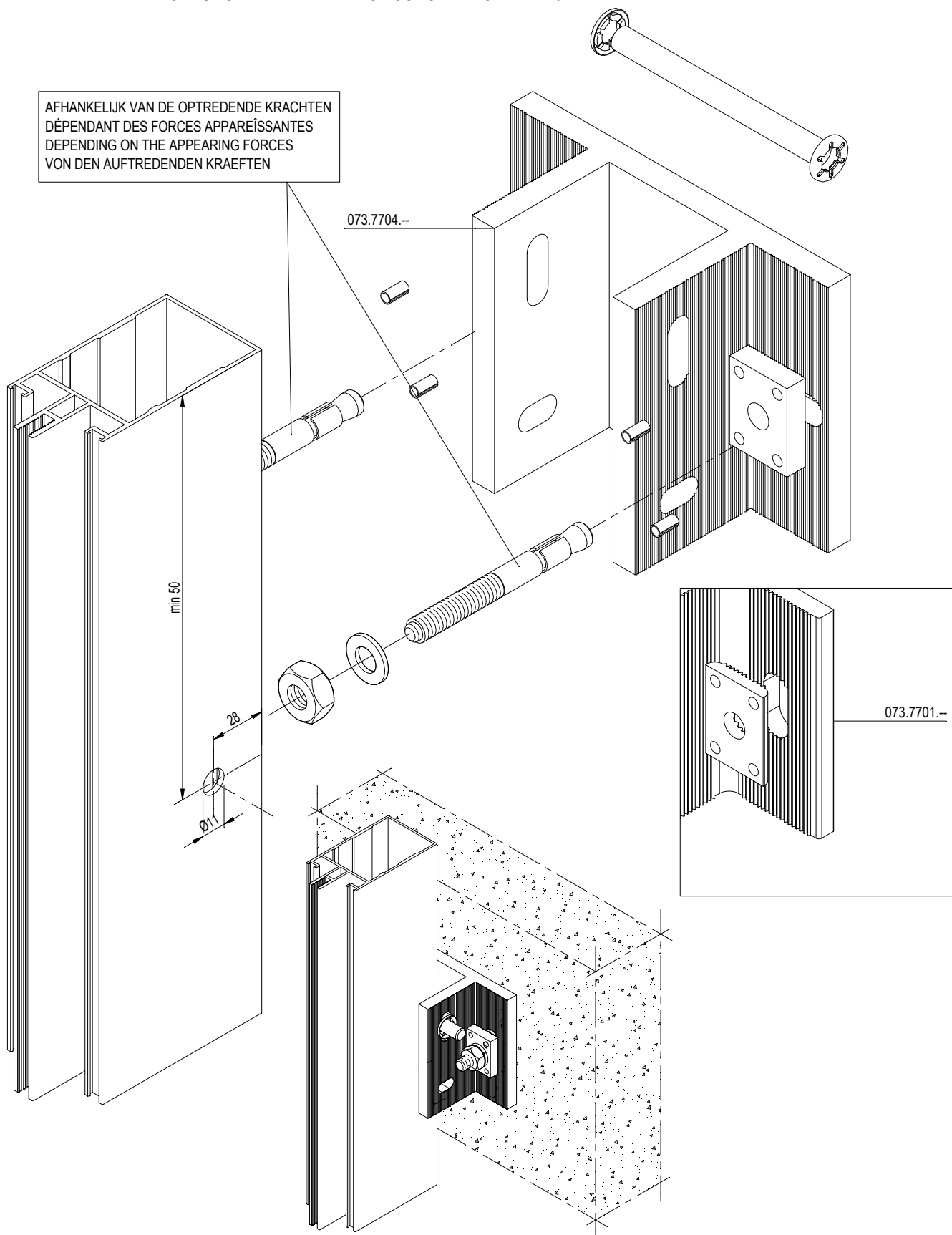


PRINCIPETEKENING:ANKER + BEVESTIGING BEREKENEN P. 52.B.---
 DESSINS DE PRINCIPLE:ANCRAGE + FIXATION CALCULER P. 52.B.---
 DRAWINGS IN PRINCIPLE:ANCHOR + FIXINGS CALCULATE P. 52.B.---
 PRINZIPZEICHNUNGEN:ANKER + BEFESTIGUNG BERECHNEN P.52.B.---

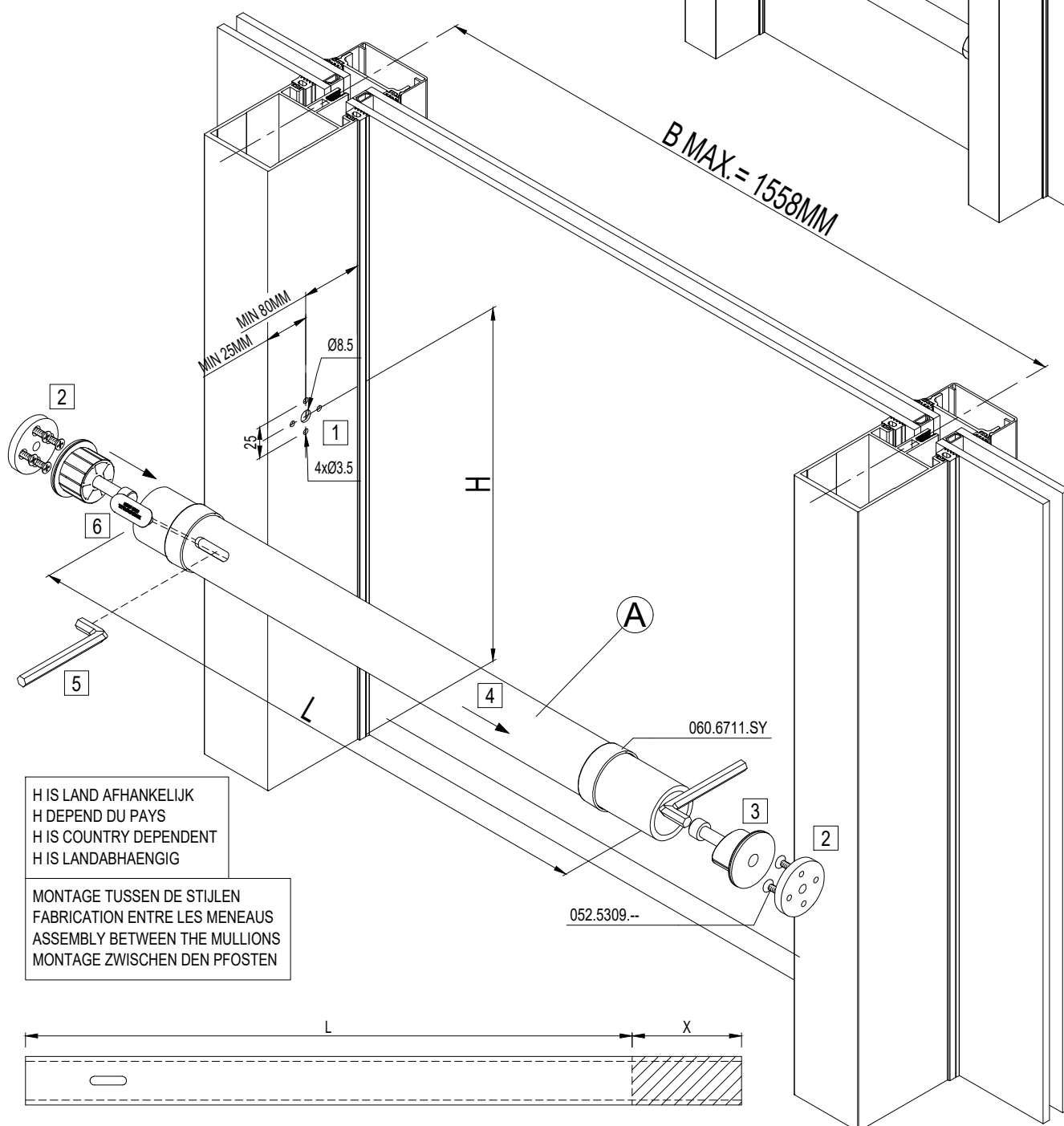
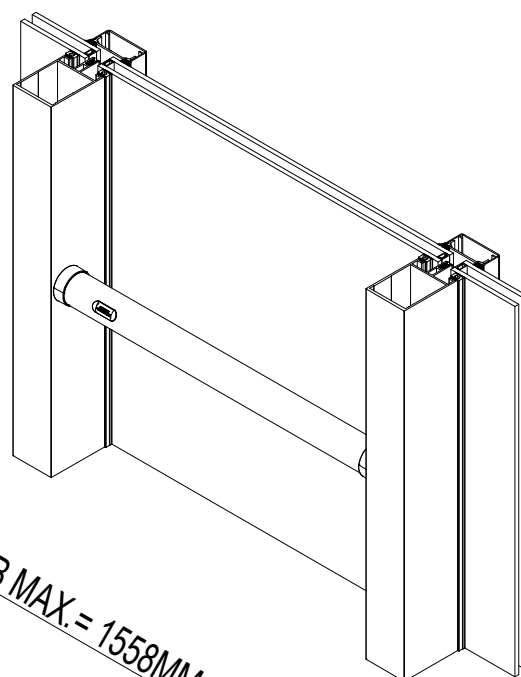


PRINCIPETEKENING:ANKER + BEVESTIGING BEREKENEN P. 52.B.---
 DESSINS DE PRINCIPLE:ANCRAGE + FIXATION CALCULER P. 52.B.---
 DRAWINGS IN PRINCIPLE:ANCHOR + FIXINGS CALCULATE P. 52.B.---
 PRINZIPZEICHNUNGEN:ANKER + BEFESTIGUNG BERECHNEN P.52.B.---

AFHANKELIJK VAN DE OPTREDENDE KRACHTEN
 DÉPENDANT DES FORCES APPAREÏSSANTES
 DEPENDING ON THE APPEARING FORCES
 VON DEN AUFTREDENDEN KRAEFTEN

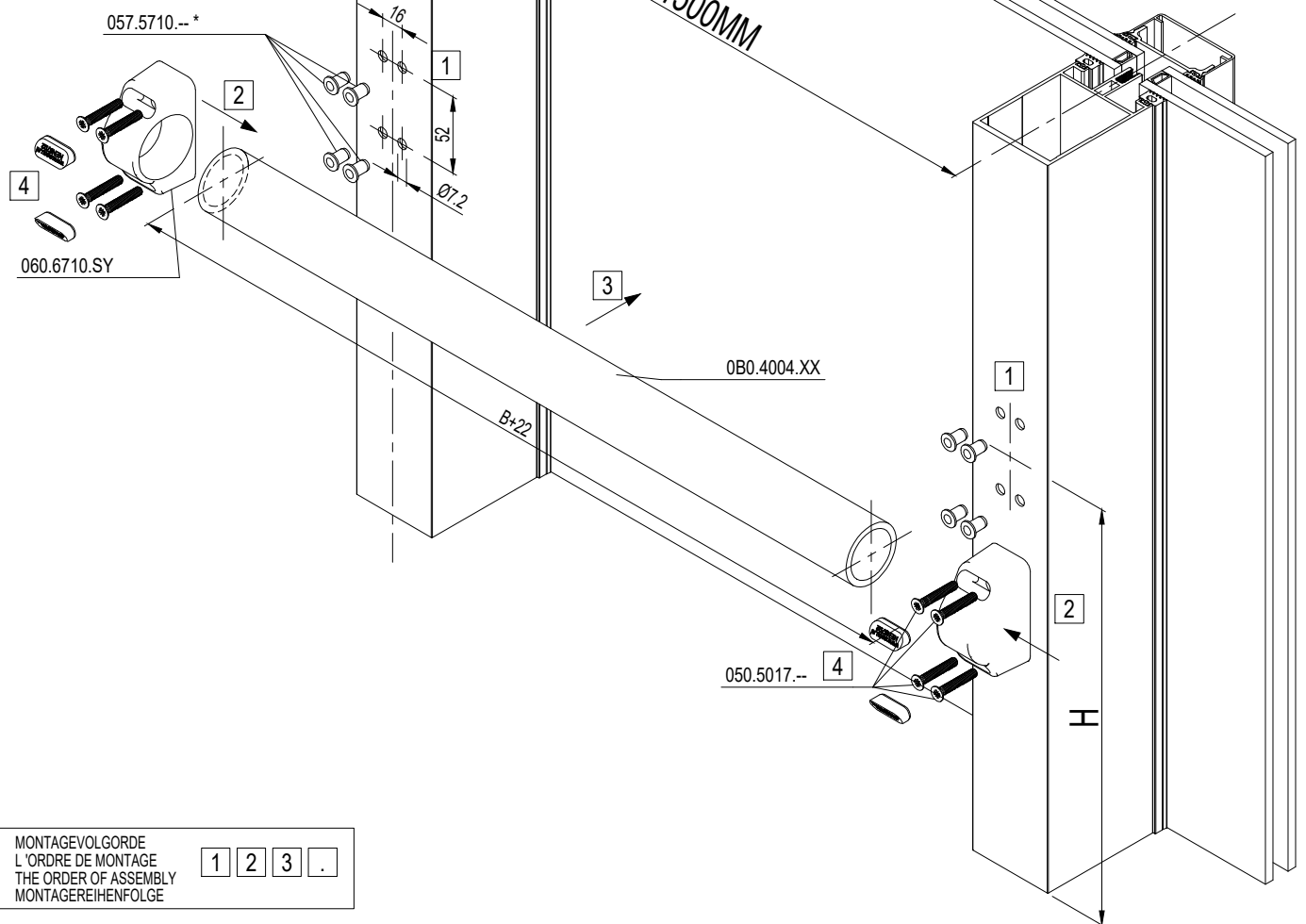


B	A	ZAAGLENGTE LONGUEUR DE SCIE SAW LENGTH SAEGELAENGE	BUISLENGTE LONGUEUR DE TUBE TUBE LENGTH RUNDROHR LAENGE
250 - 658 MM	060.6712.XX	X=590-(B-78)	L=590-X
638 - 718 MM	060.6713.XX	X=650-(B-78)	L=650-X
698 - 798 MM	060.6714.XX	X=730-(B-78)	L=730-X
778 - 908 MM	060.6715.XX	X=840-(B-78)	L=840-X
888 - 1058 MM	060.6716.XX	X=990-(B-78)	L=990-X
1038 - 1258 MM	060.6717.XX	X=1190-(B-78)	L=1190-X
1238 - 1558 MM	060.6718.XX	X=1490-(B-78)	L=1490-X
1538 - 2058 MM	PROJECT SOLUTION	X=1990-(B-78)	L=1990-X



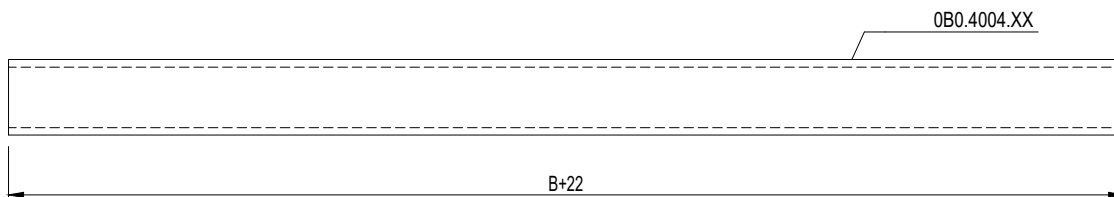
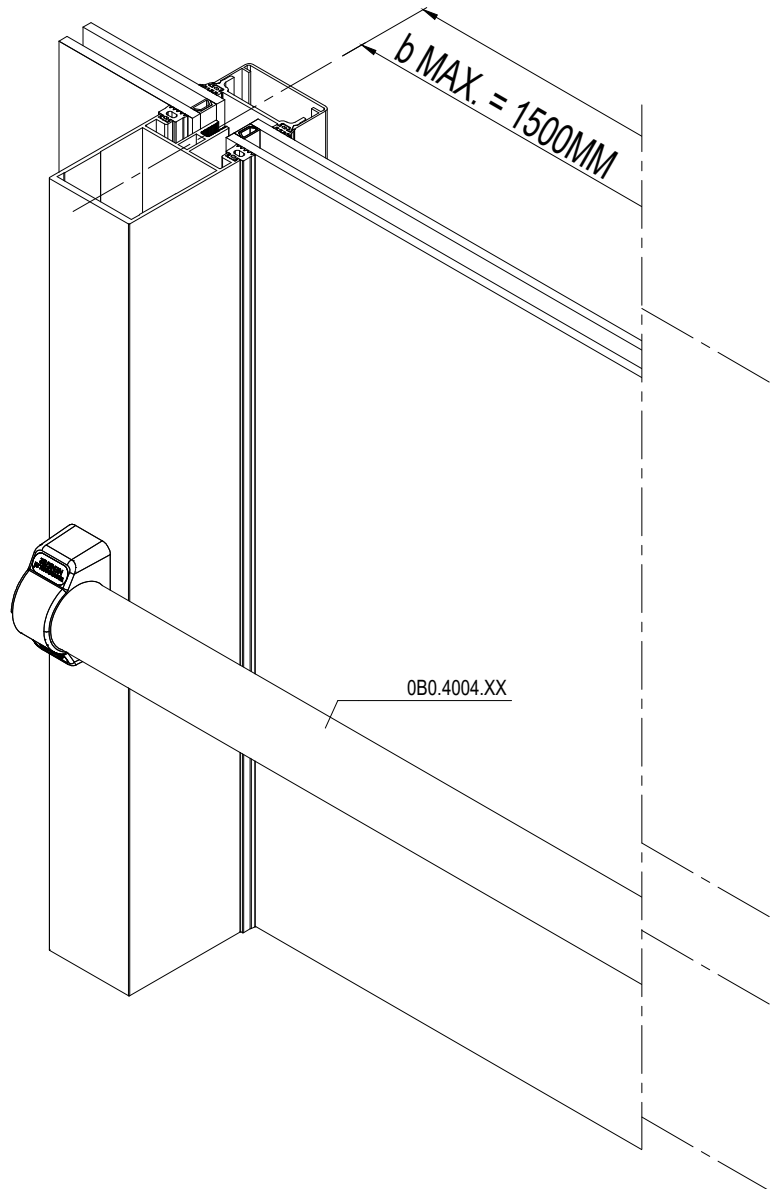
MONTAGE OP DE STIJLEN
 FABRICATION SUR LES MENEAUS
 ASSEMBLY ON THE MULLIONS
 MONTAGE AUF DEN PFOSTEN

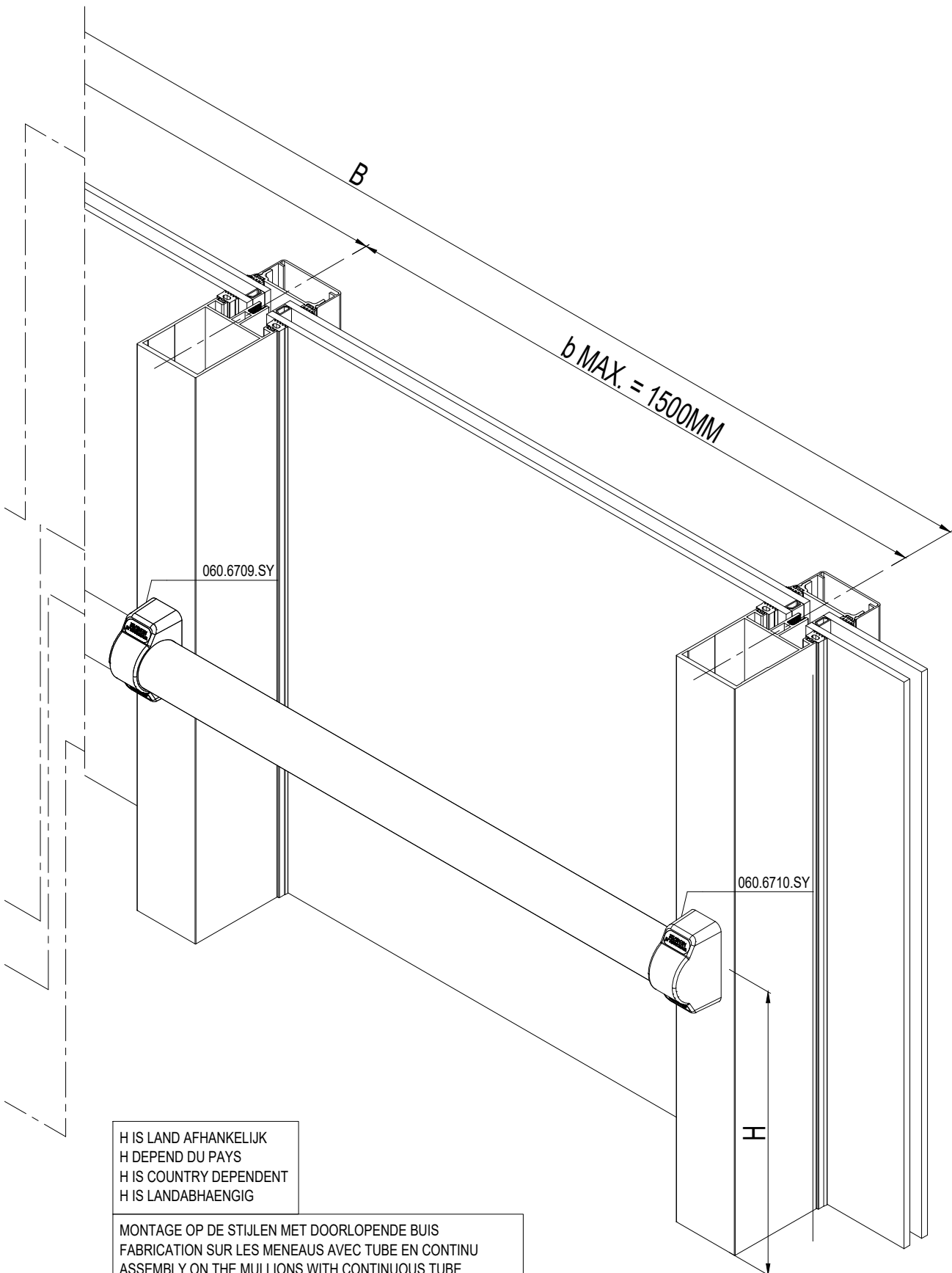
* OPTIONEEL
 *OPTIONELL
 * OPTIONAL
 * EINE OPTION



MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .

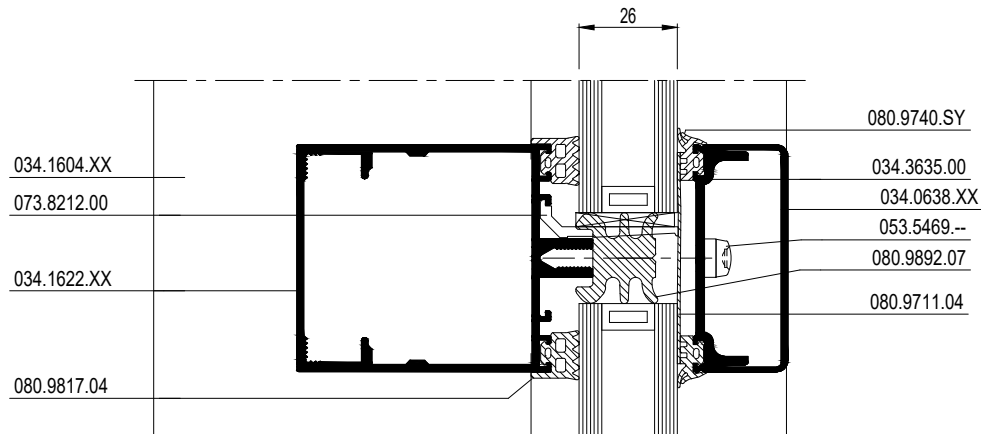
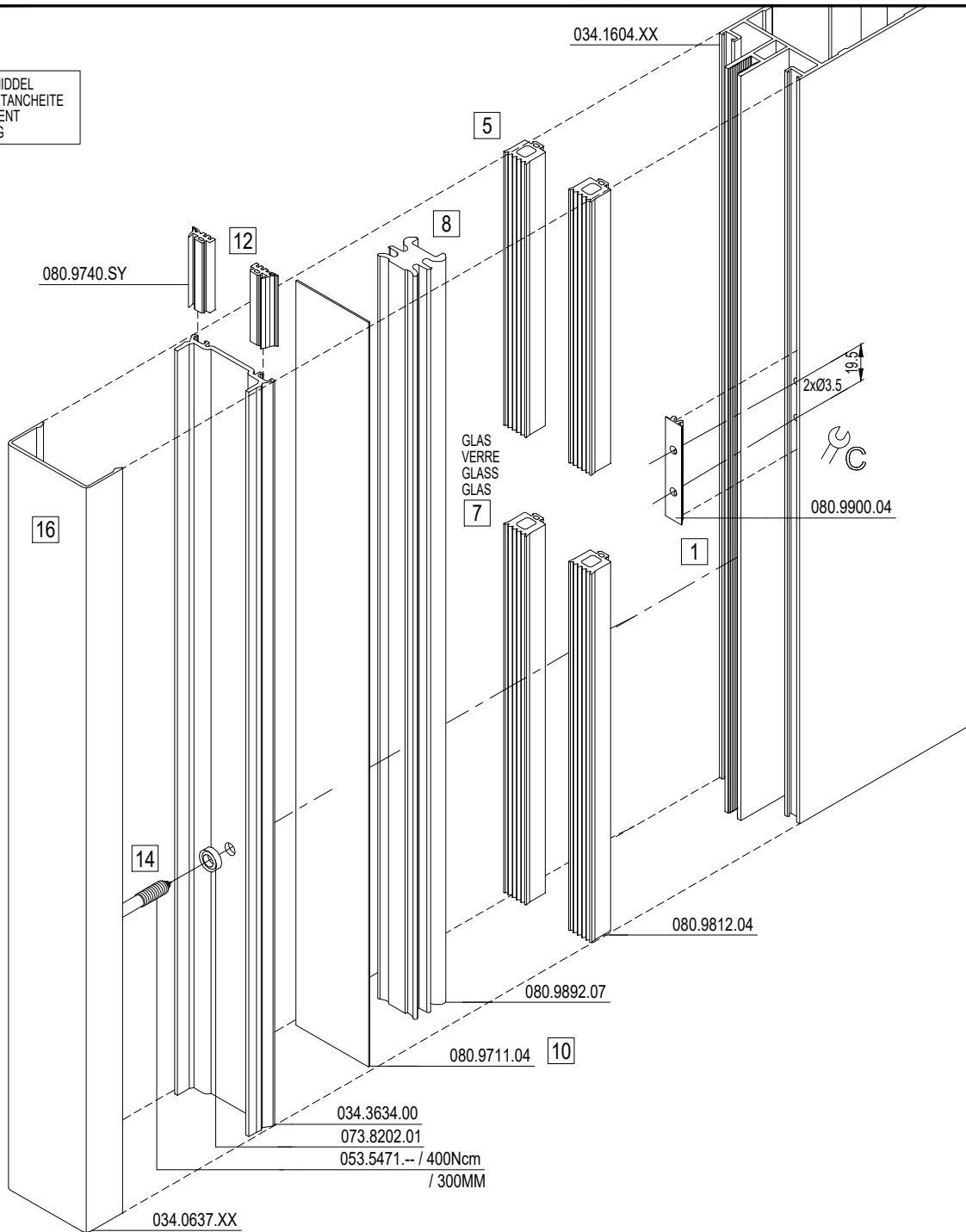




H IS LAND AFHANKELIJK
 H DEPEND DU PAYS
 H IS COUNTRY DEPENDENT
 H IS LANDBAHAENGIG

MONTAGE OP DE STIJLEN MET DOORLOPENDE BUIS
 FABRICATION SUR LES MENEAUS AVEC TUBE EN CONTINU
 ASSEMBLY ON THE MULLIONS WITH CONTINUOUS TUBE
 MONTAGE AUF DEN PFOSTEN MIT DURCHLAUFENDE RUNDROHR

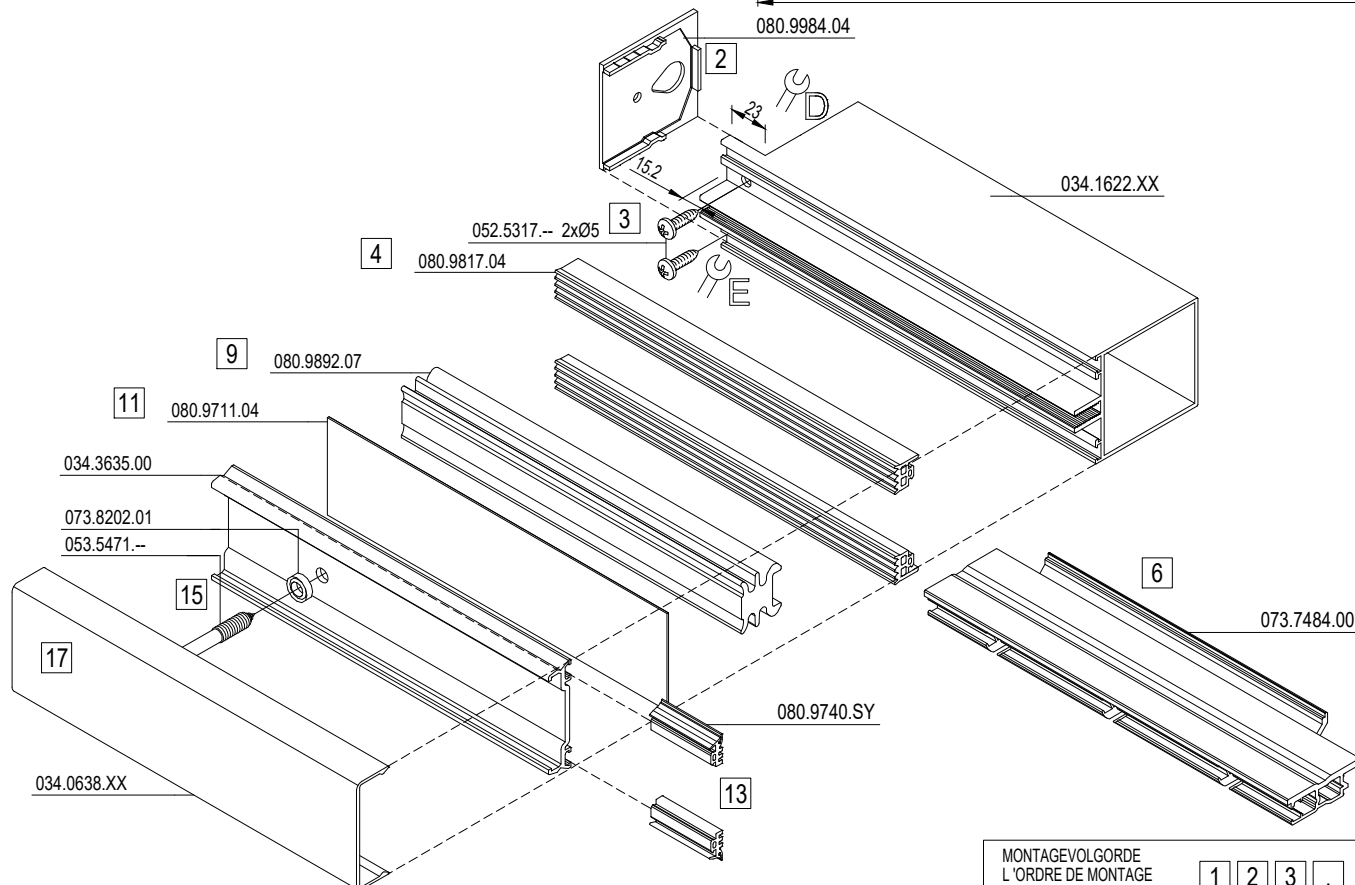
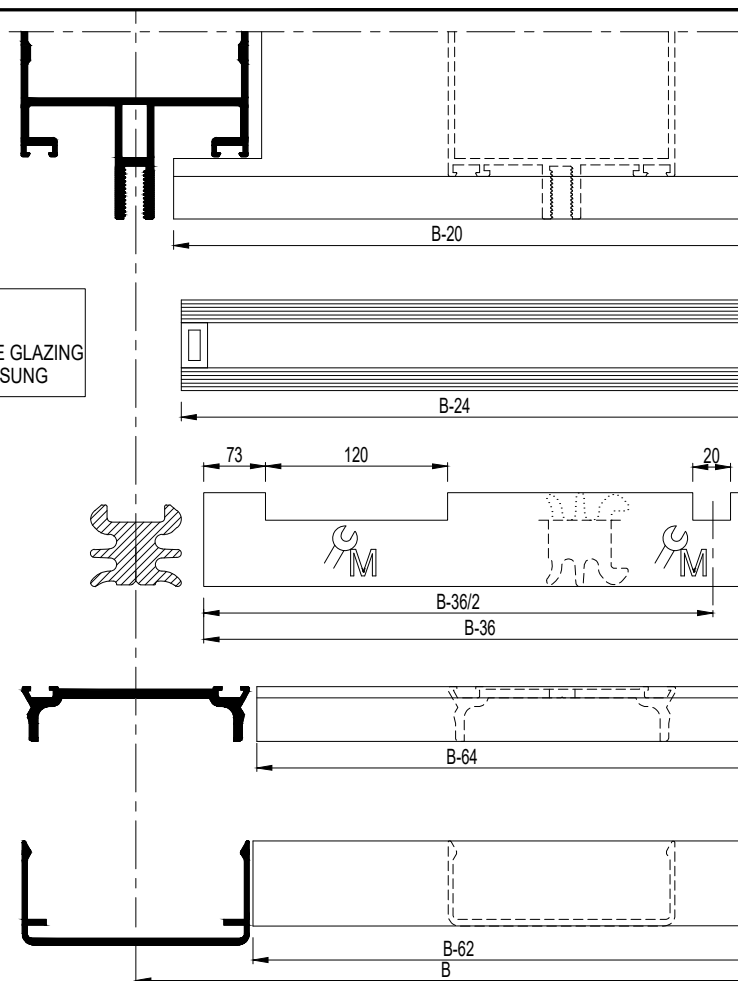
(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG



ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL



080.9804.04 TE MONTEREN NA PLAATSING GLASPANELEN
080.9804.04 A MONTER APRES INSTALLATION DU VITRAGE
080.980404 TO BE ASSEMBLED AFTER INSTALLATION OF THE GLAZING
080.9804.04 ZU MONTIEREN NACH ANBRINGEN DER VERGLASUNG



MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

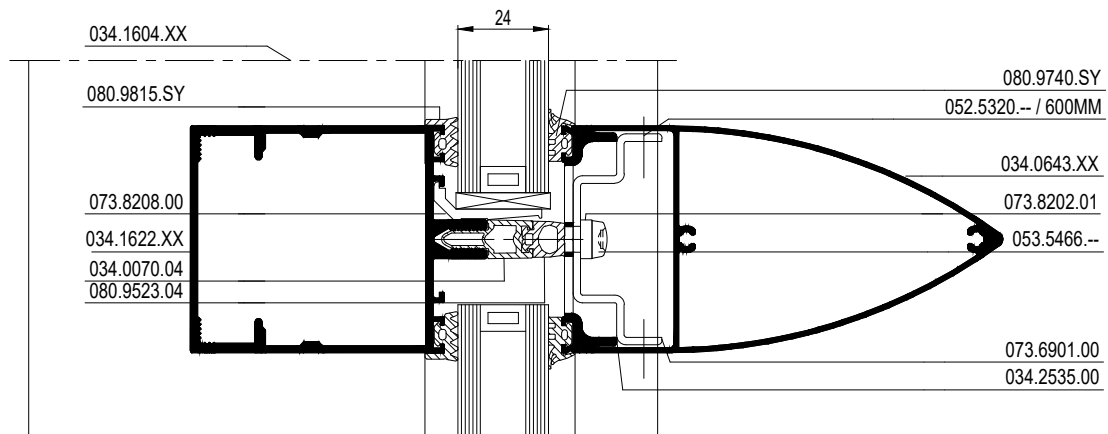
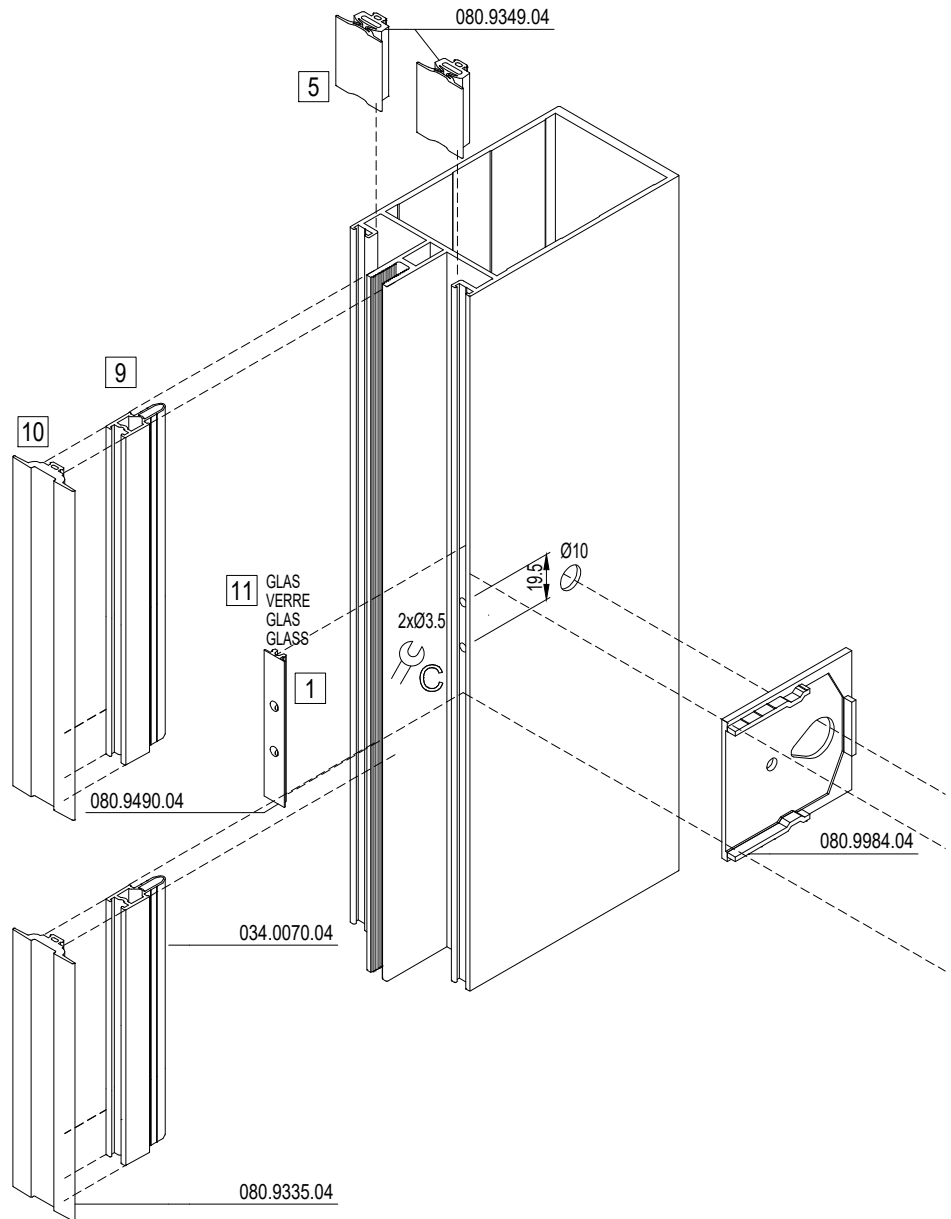
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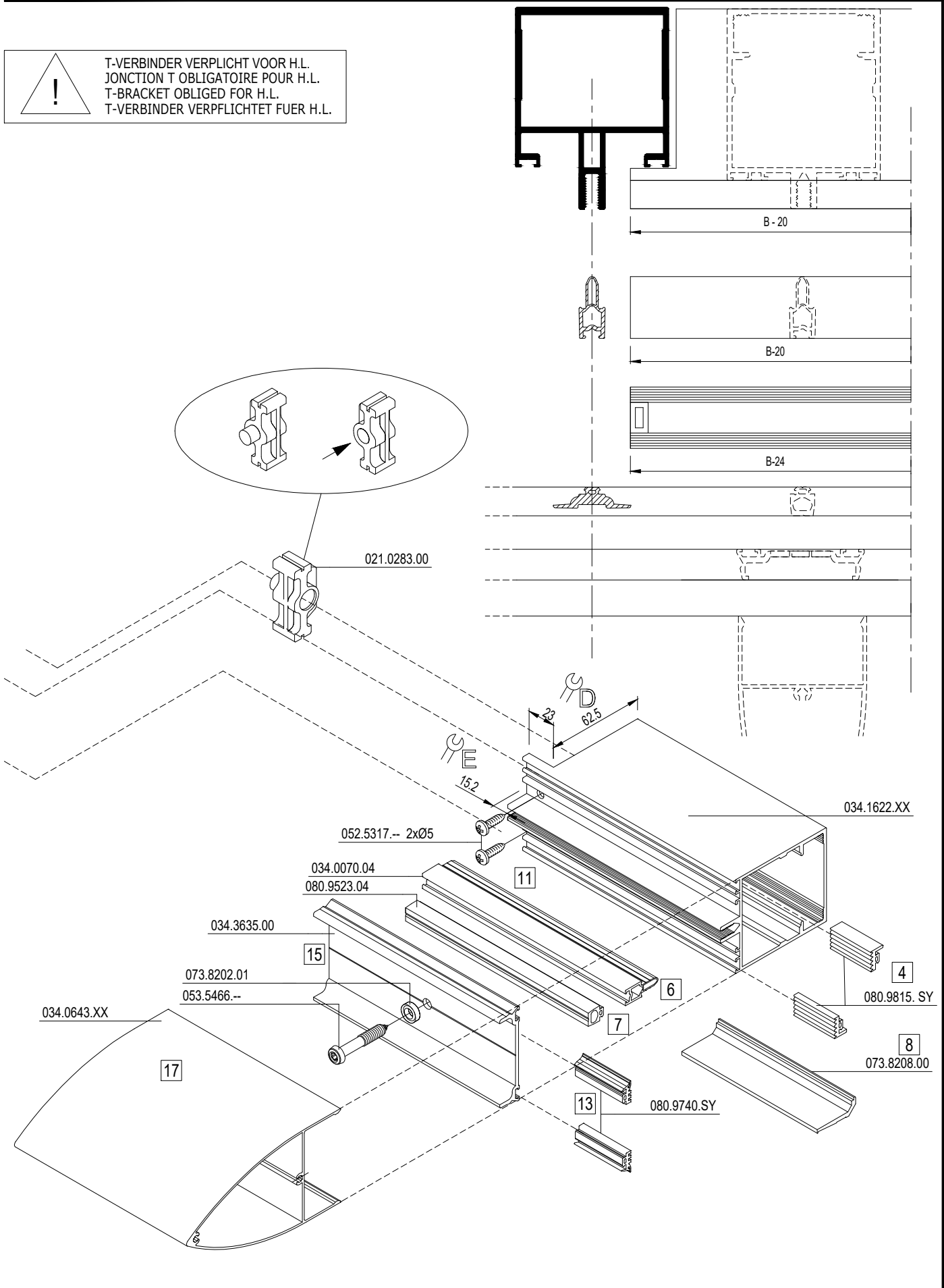
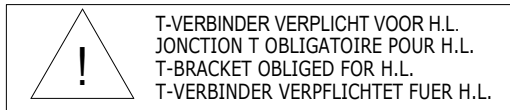
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

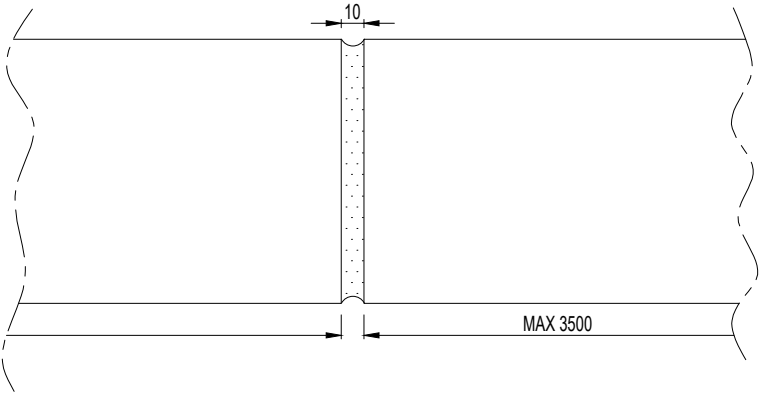
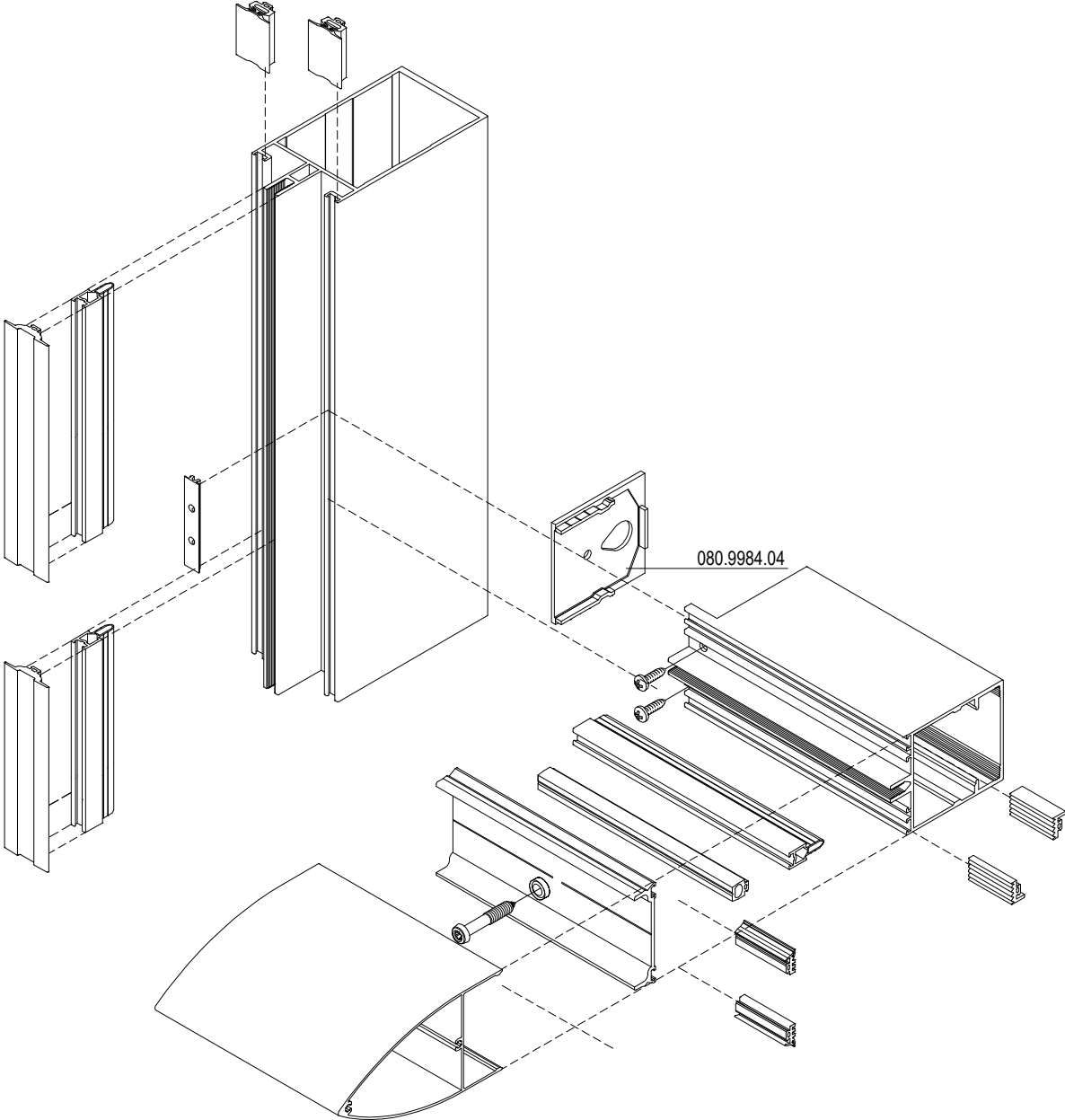
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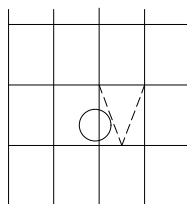
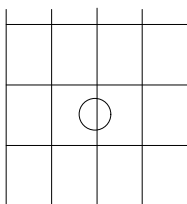
ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL

A B C .

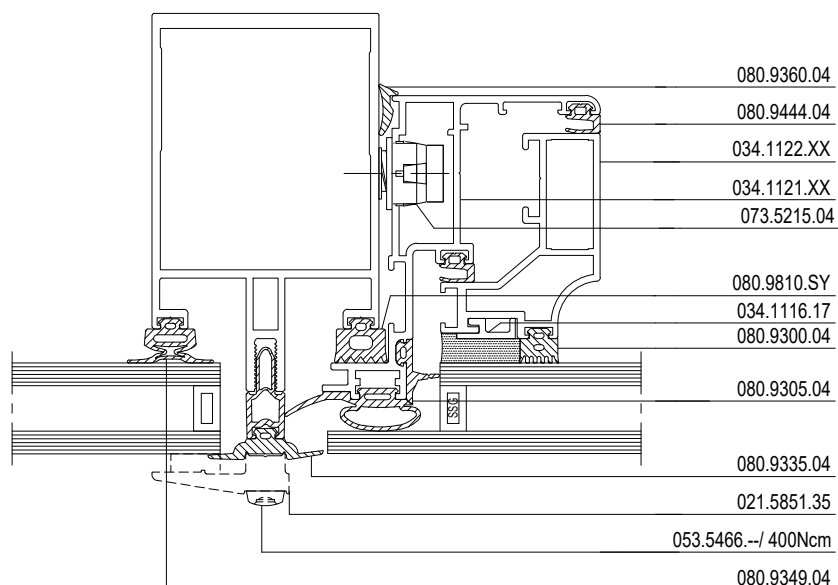
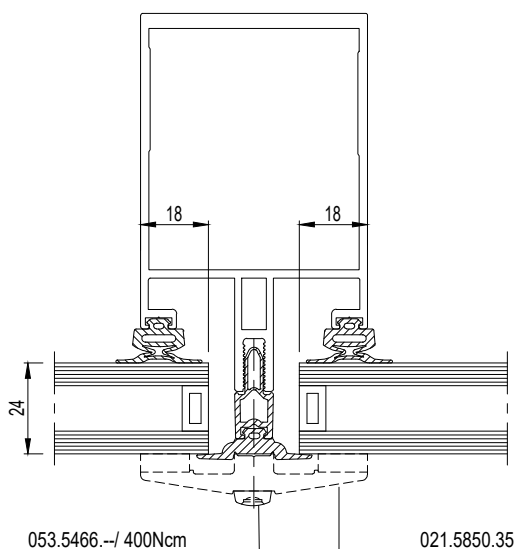




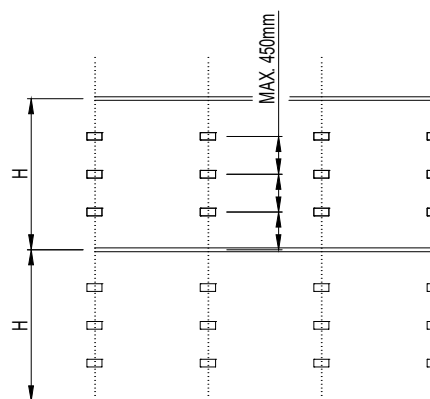


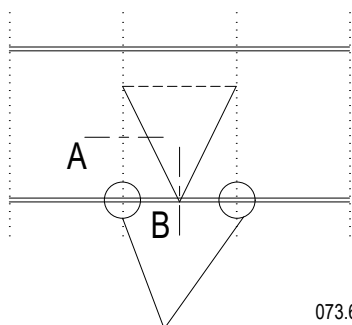


UITZETZAKRAAM
FENETRE OUVRANT A L'ITALIENNE
TOP-HUNG WINDOW WITH FRICTION STAYS
SENKKLAPPFENSTER



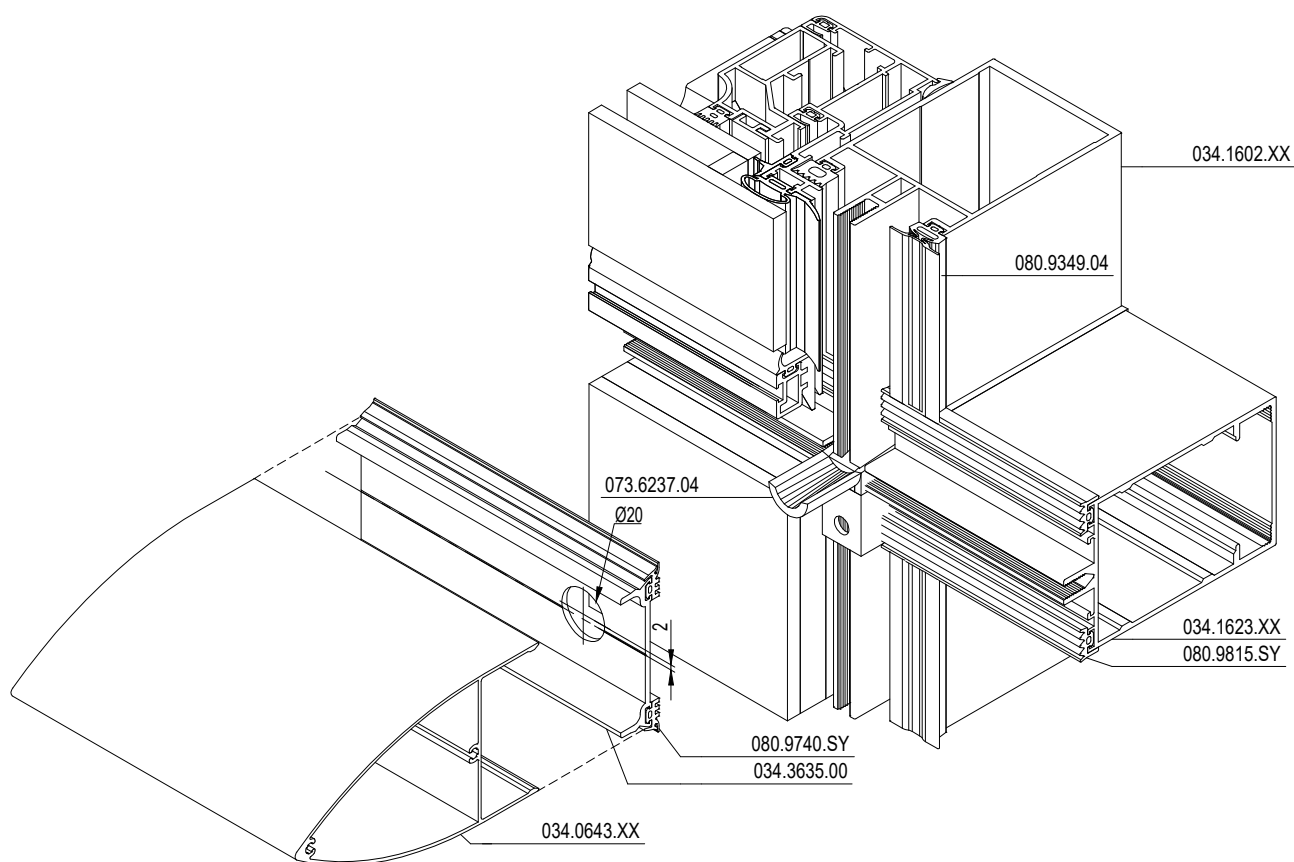
H	AANTAL KLEMSTUKKEN NOMBRE DE RETENUE PONCTUELLE NUMBER OF FIXING PIECES ANZAHL DER BEFESTIGUNGSKLOETZE
$0 < H < 1.2M$	0
$1.2M < H < 1.35M$	2
$1.35M < H < 1.8M$	3
$1.8M < H < 2.25M$	4
$2.25M < H < 2.7M$	5
$2.7M < H < 3.15M$	6



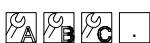


ONDER VLEUGEL ONTWATEREN ONDER BEIDE ZIJDEN MET
 DRAINER EN BAS DE L'OUVRANT À DEUX CÔTÉS AVEC
 UNDER THE VENT ONE SHOULD DRAIN BOTH SIDES WITH
 UNTER DEM FLÜGEL AN BEIDEN SEITEN ENTWÄSSERN MIT

073.6237.04



ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL

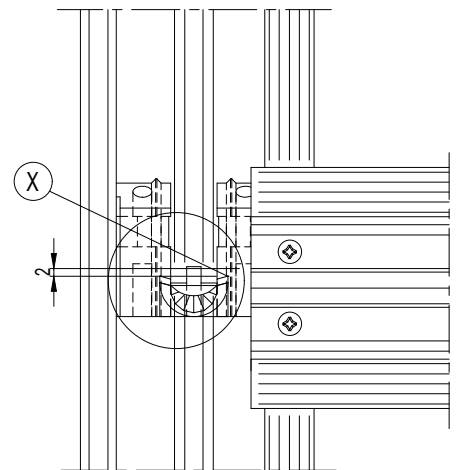
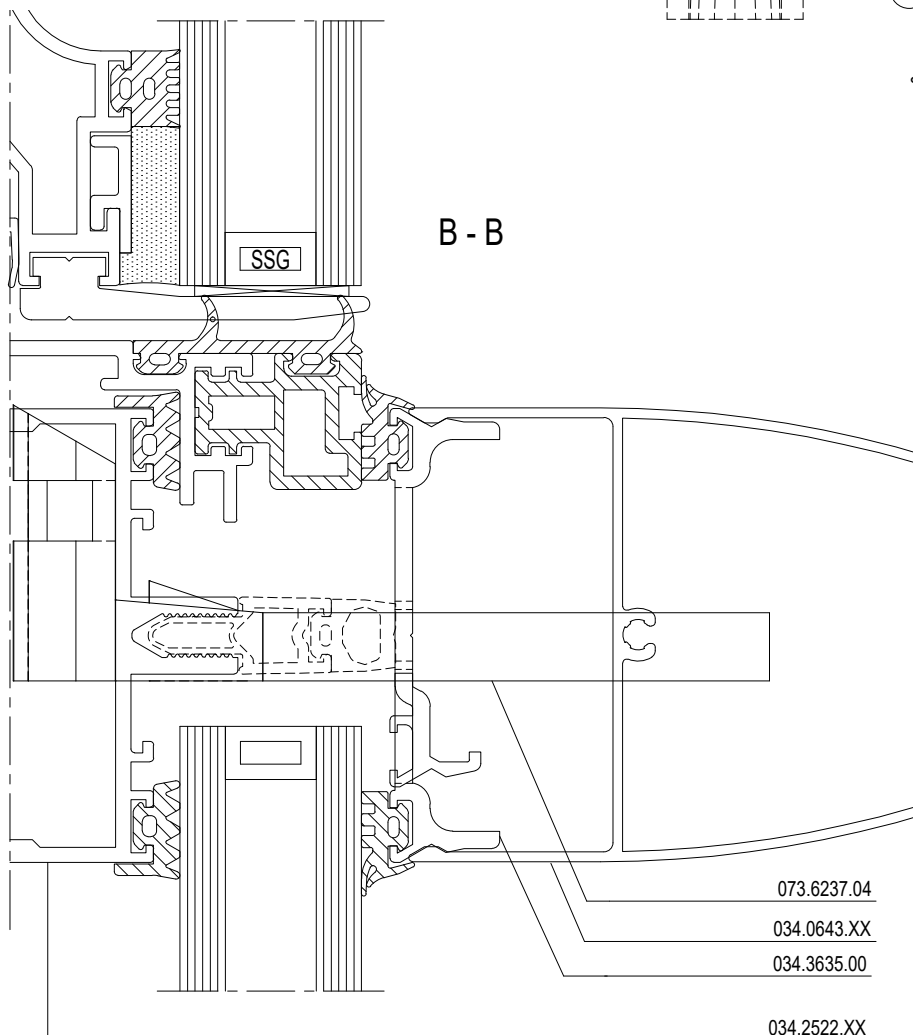
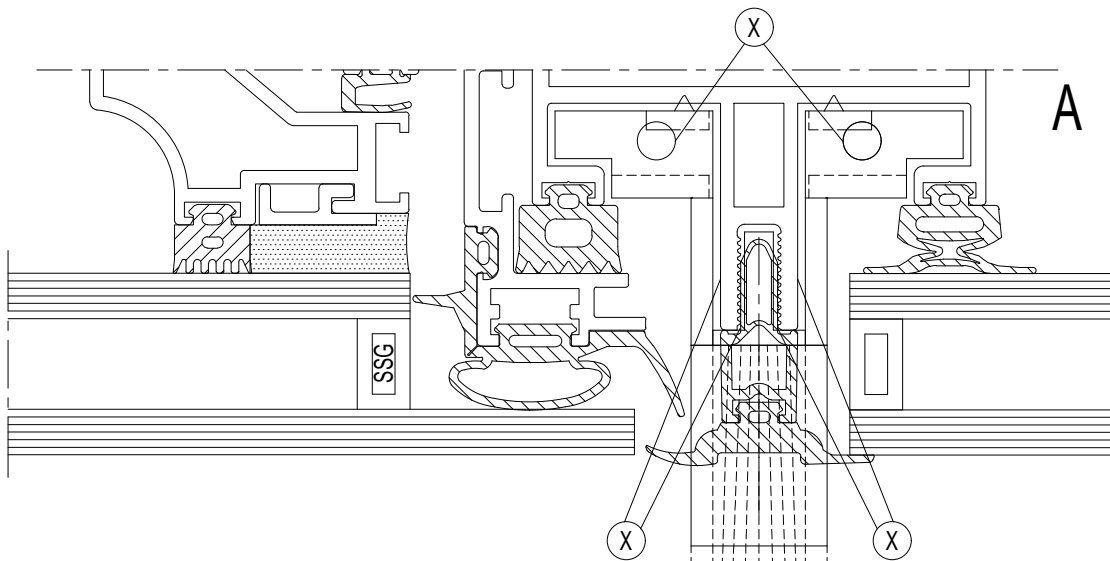


AFKITTEN MET 084.9063.04
 ETANCHER AVEC 084.9063.04
 SEAL WITH 084.9063.04
 ABDICHTEN MIT 084.9063.04



ETAG
 002

D0083702



073.6237.04

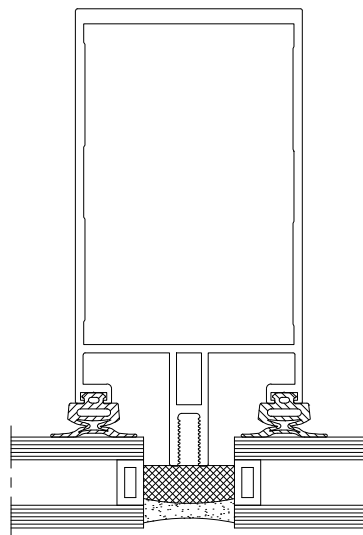
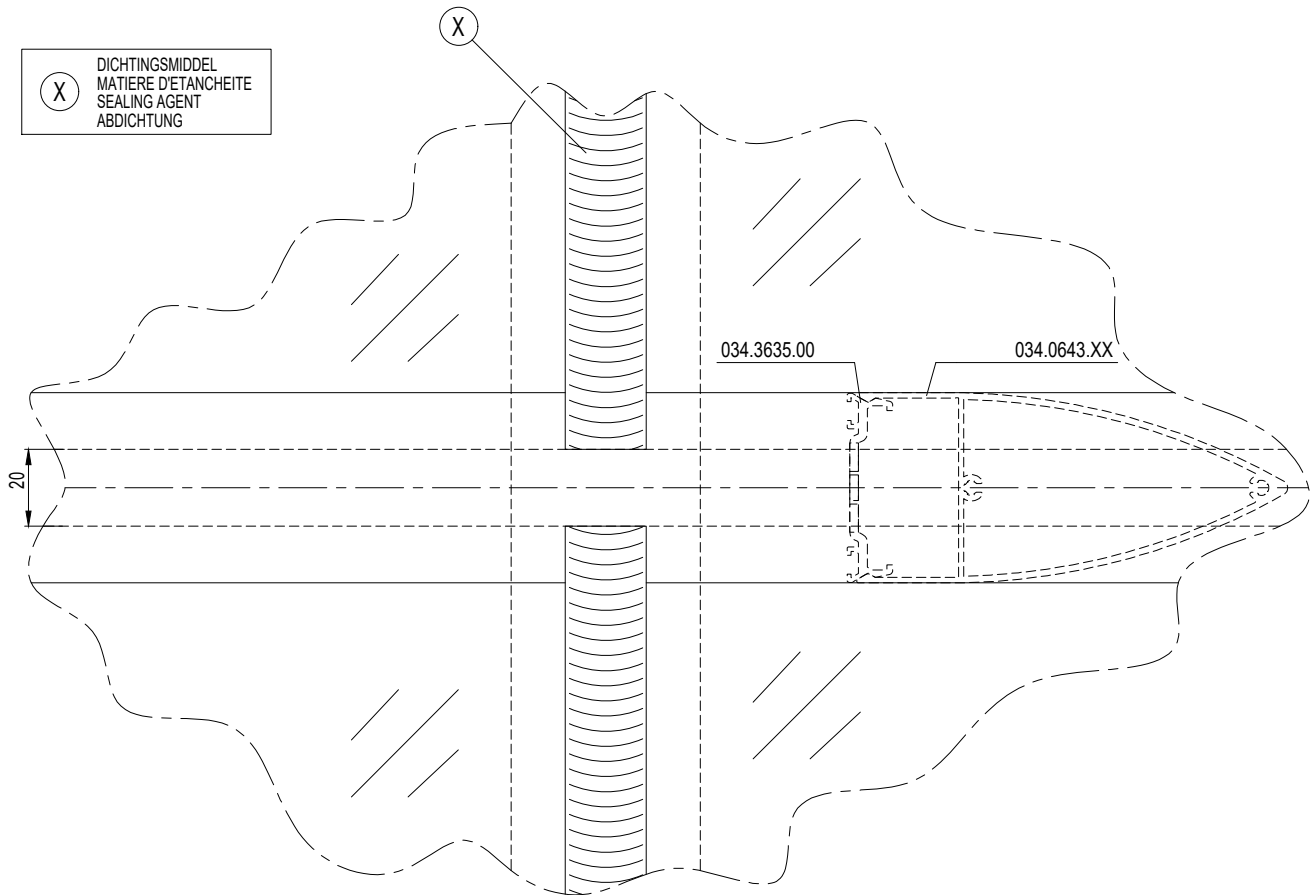
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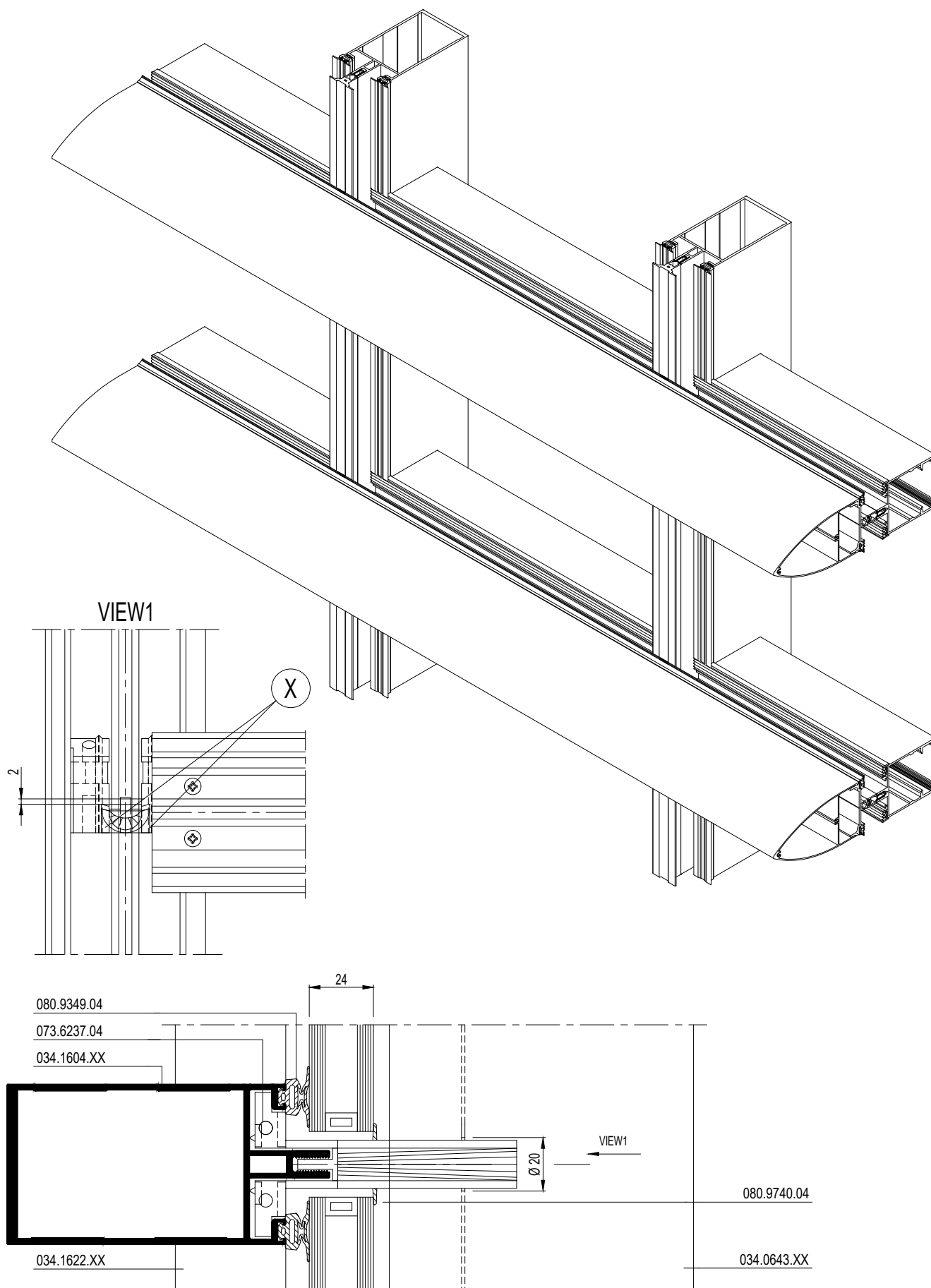
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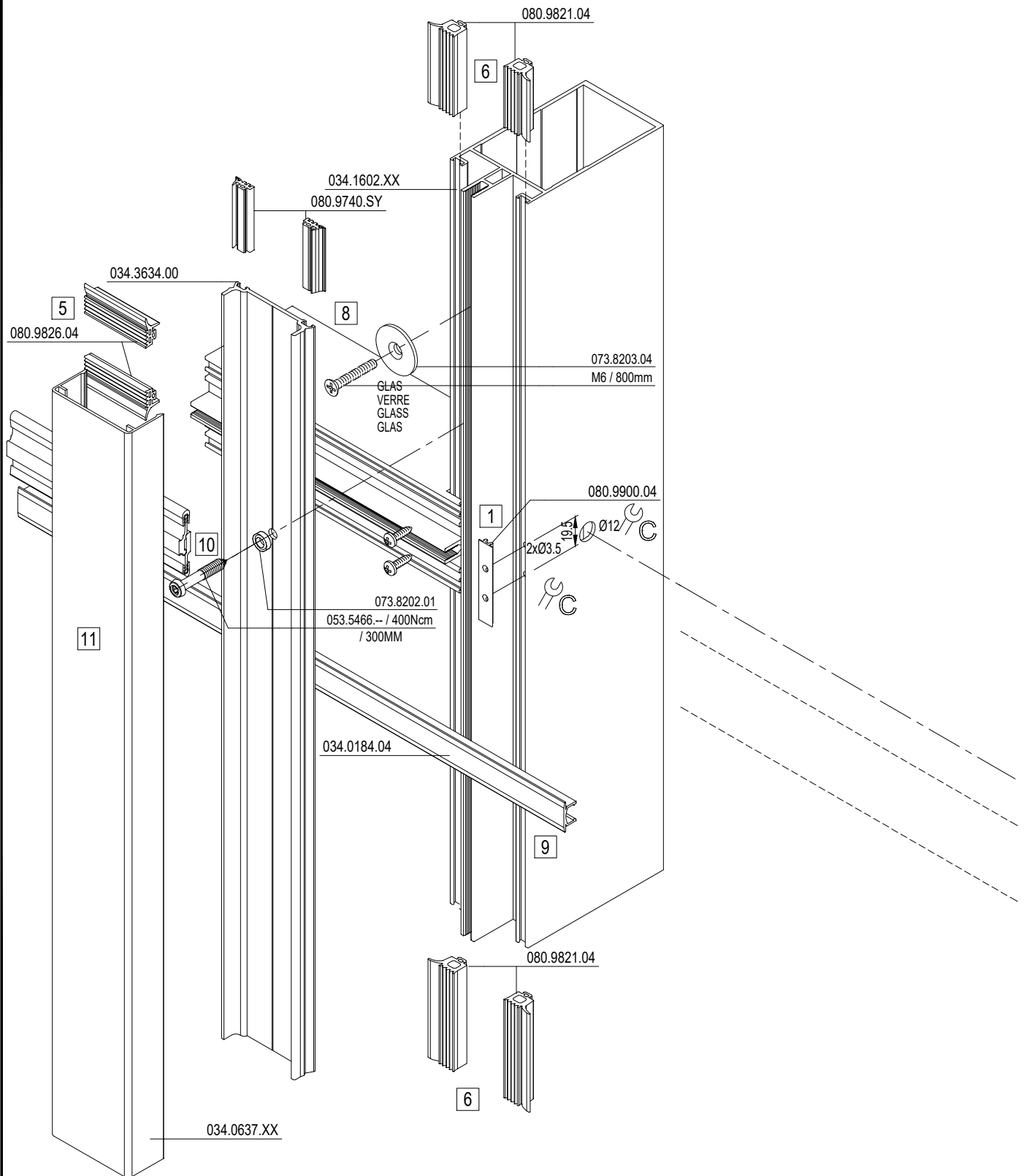
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ETAG
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D0083702



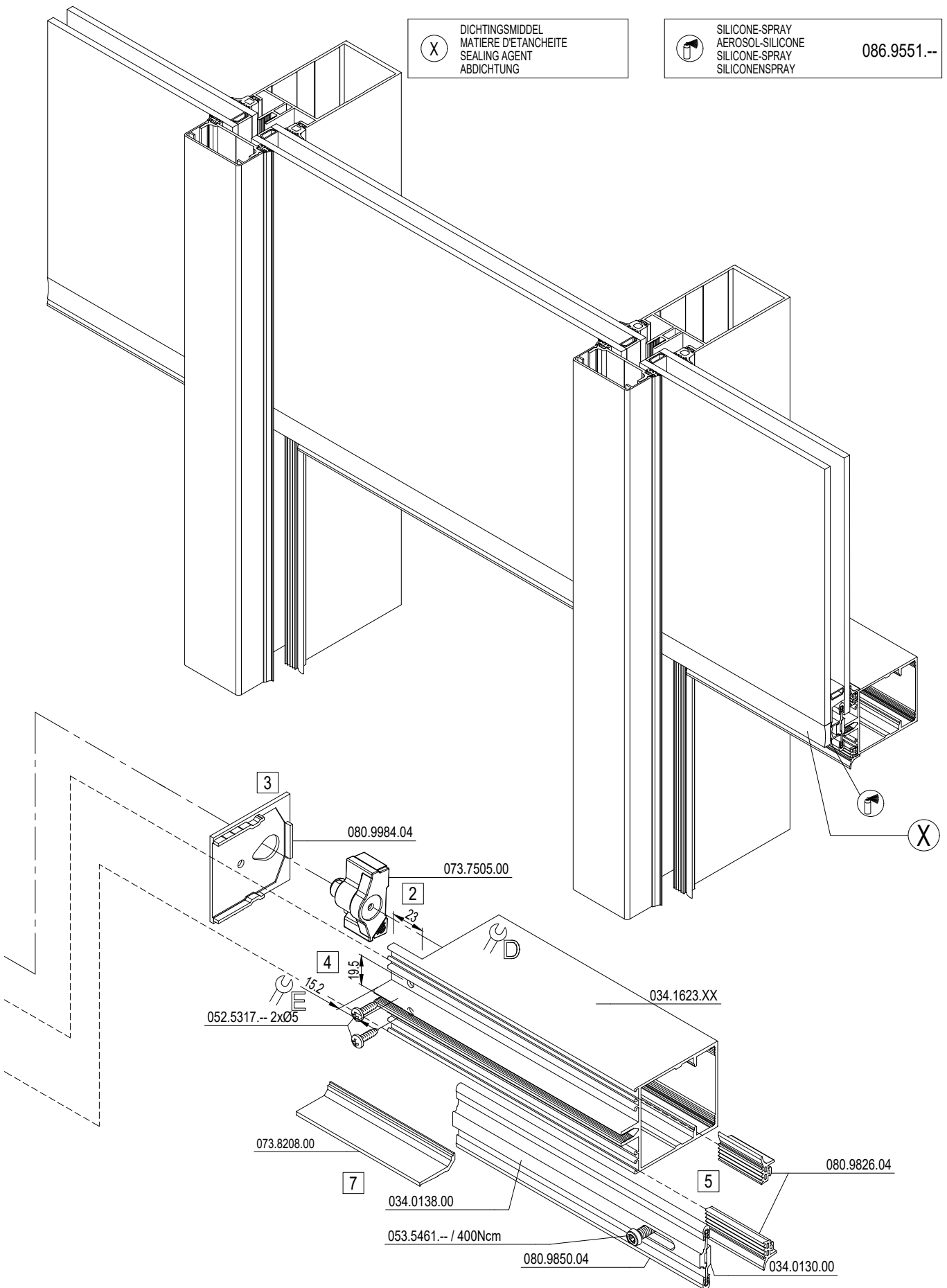




MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

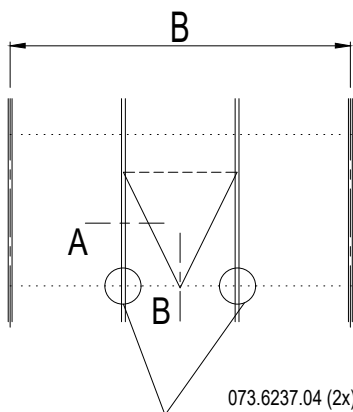
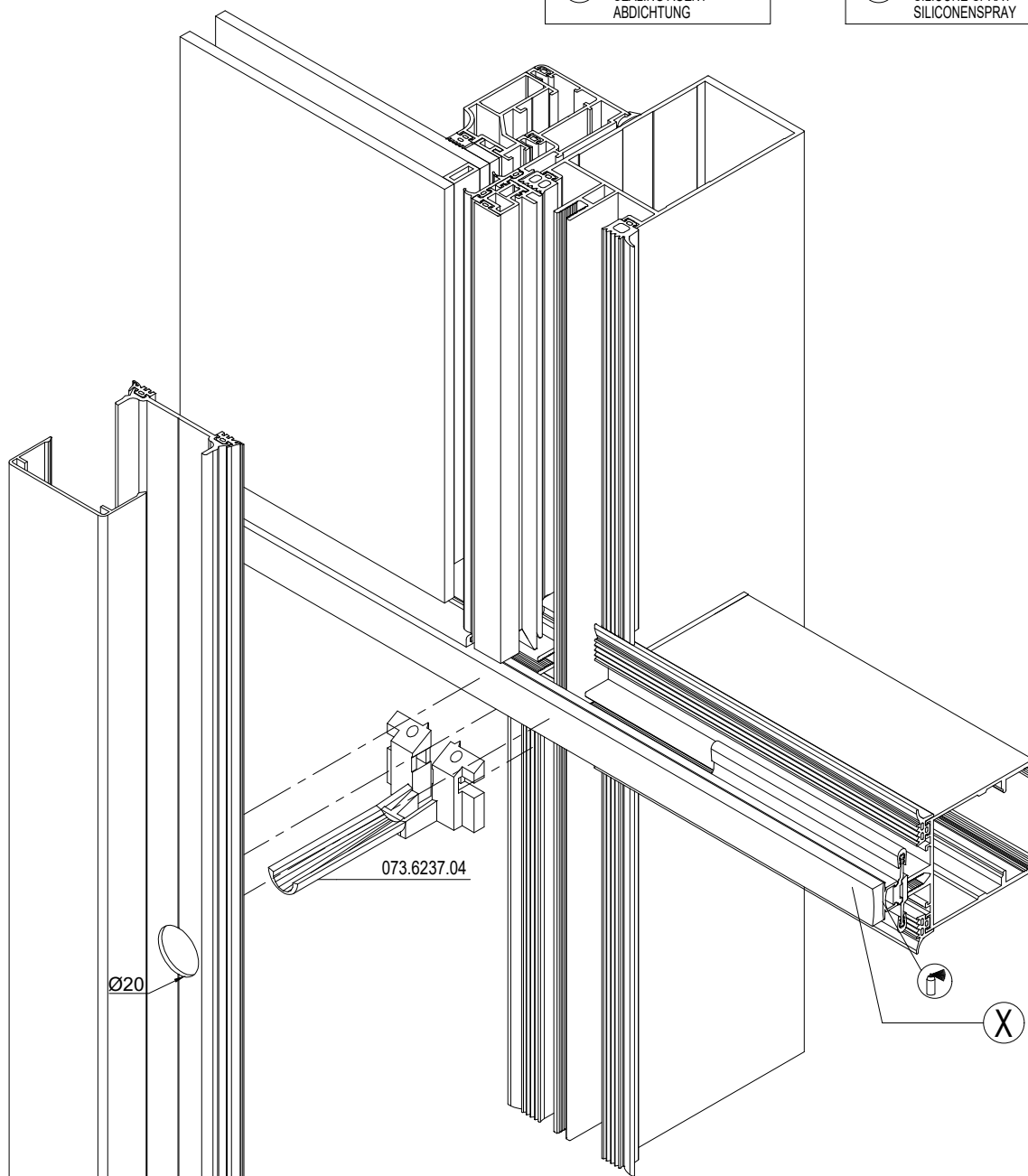
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(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

SILICONE-SPRAY
 AEROSOL-SILICONE
 SILICONE-SPRAY
 SILICONENSpray

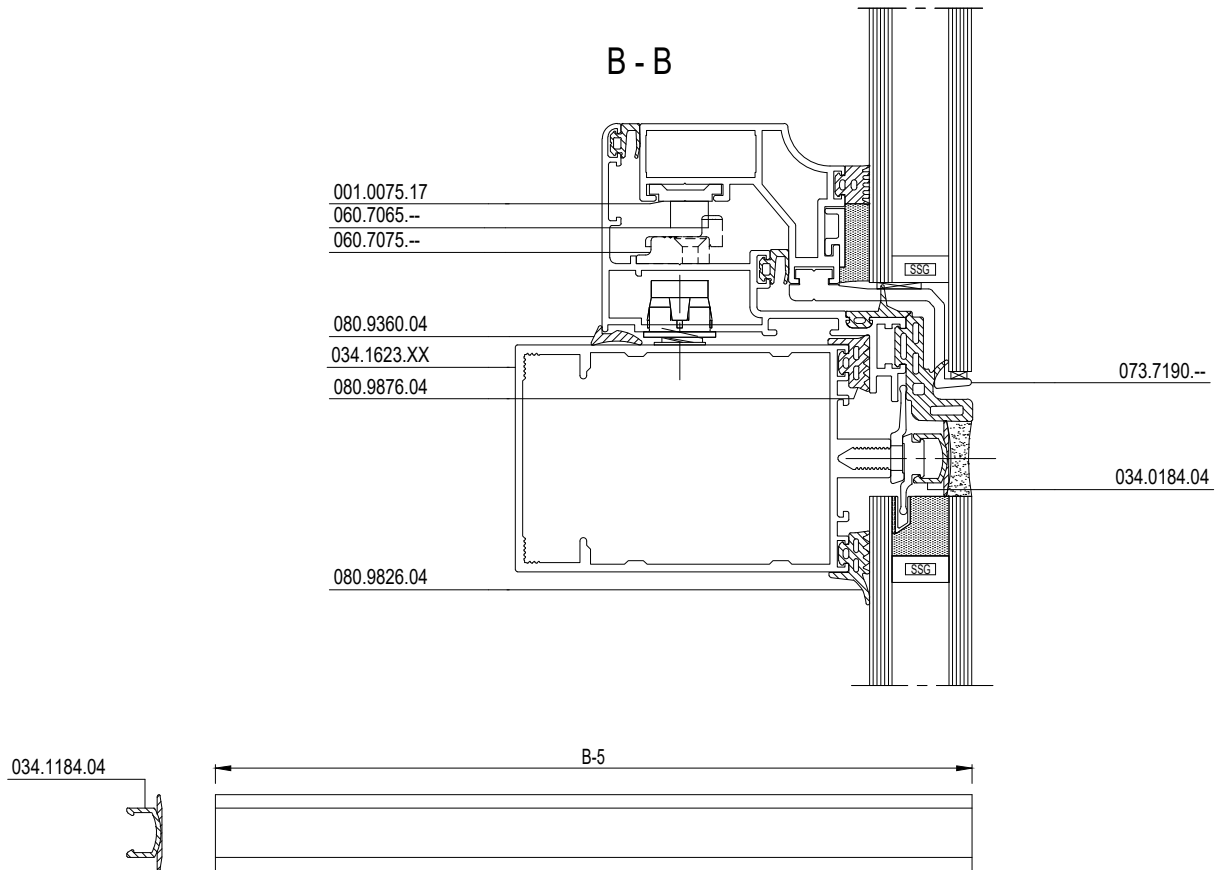
086.9551.--



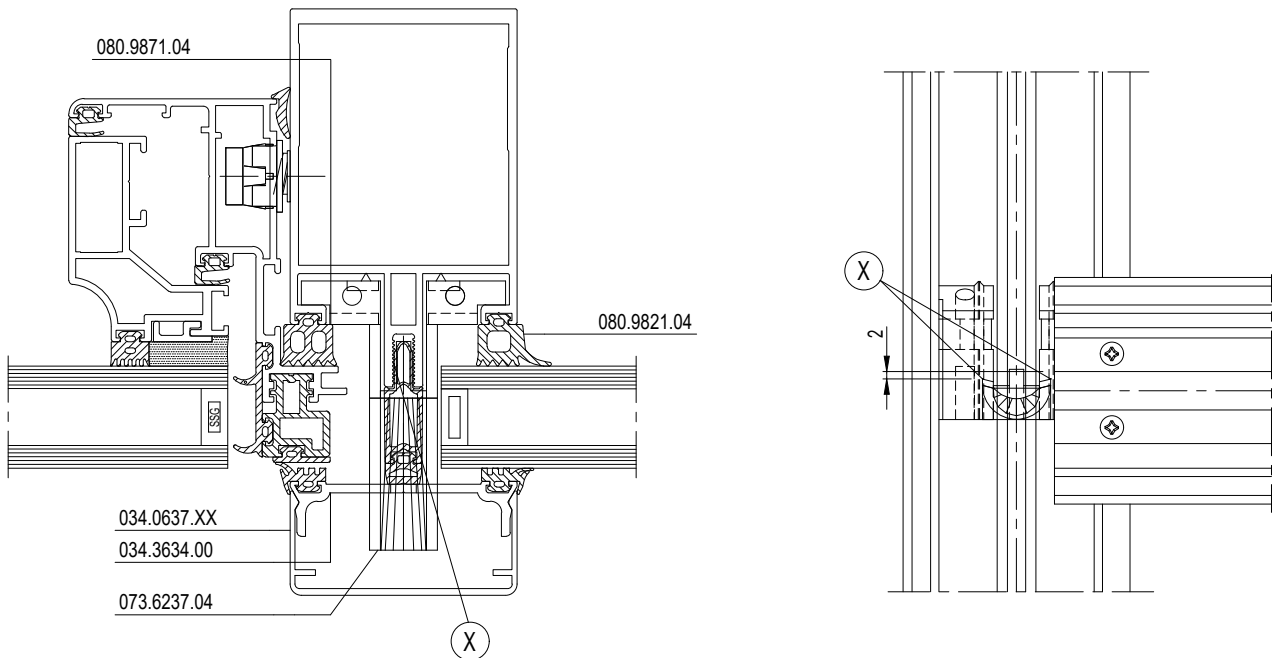
ONDER VLEUGEL ONTWATEREN ONDER BEIDE ZIJDEN MET
 DRAINER EN BAS DE L'OUVRANT À DEUX CÔTÉS AVEC
 UNDER THE VENT ONE SHOULD DRAIN BOTH SIDES WITH
 UNTER DEM FLÜGEL AN BEIDEN SEITEN ENTWÄSSERN MIT

073.6237.04

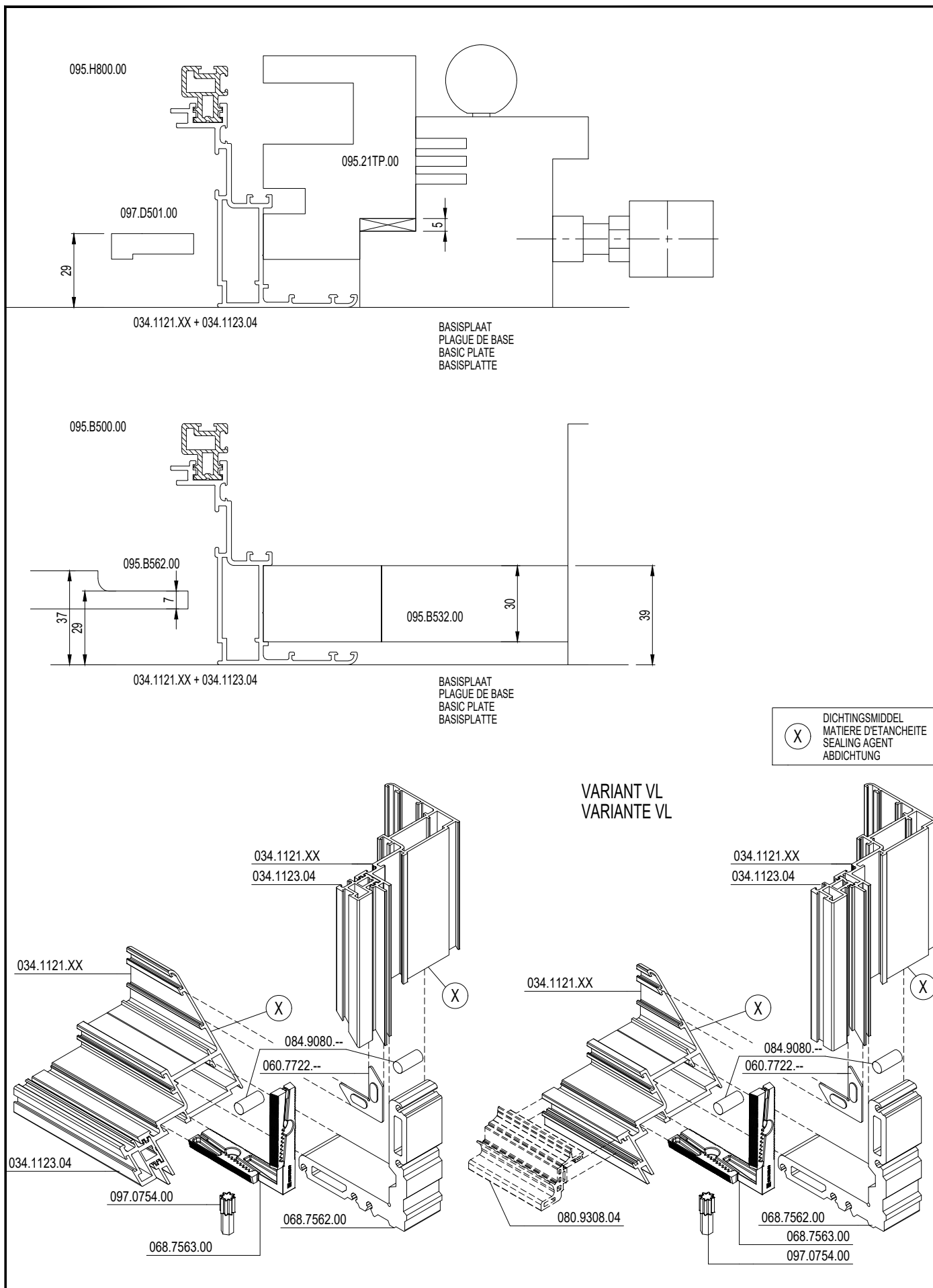
B - B



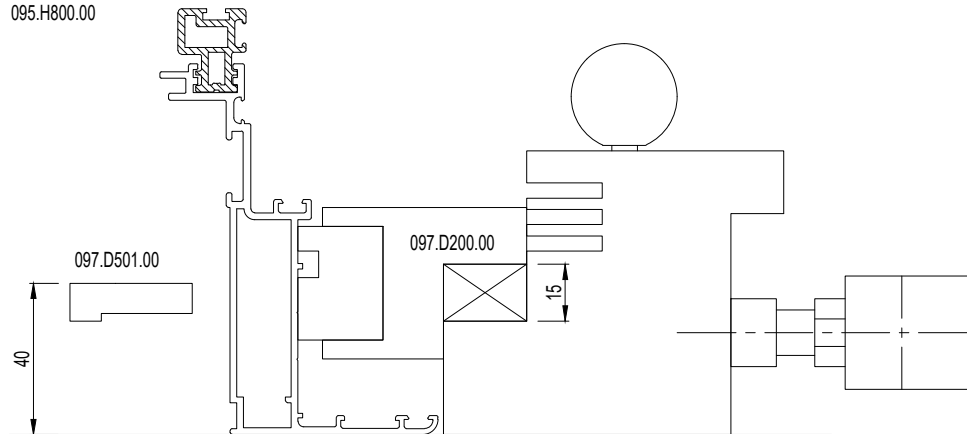
A - A



AFKITTEN MET 084.9063.04
 ETANCHER AVEC 084.9063.04
 SEAL WITH 084.9063.04
 ABDICHTEN MIT 084.9063.04



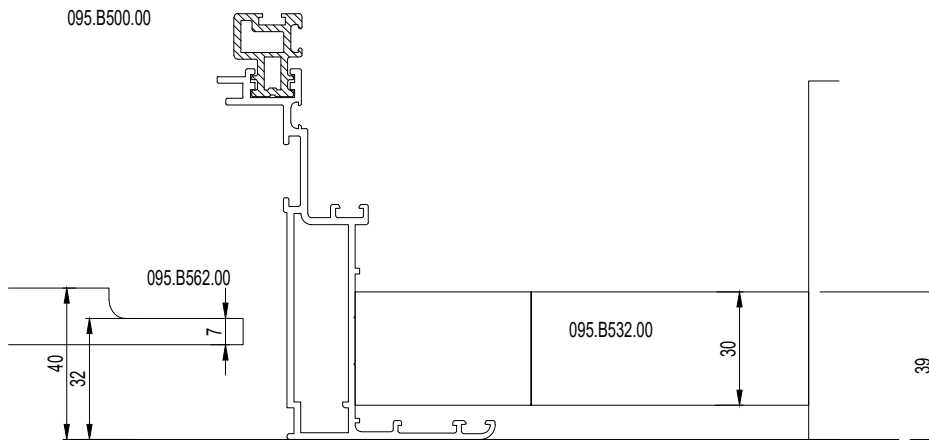
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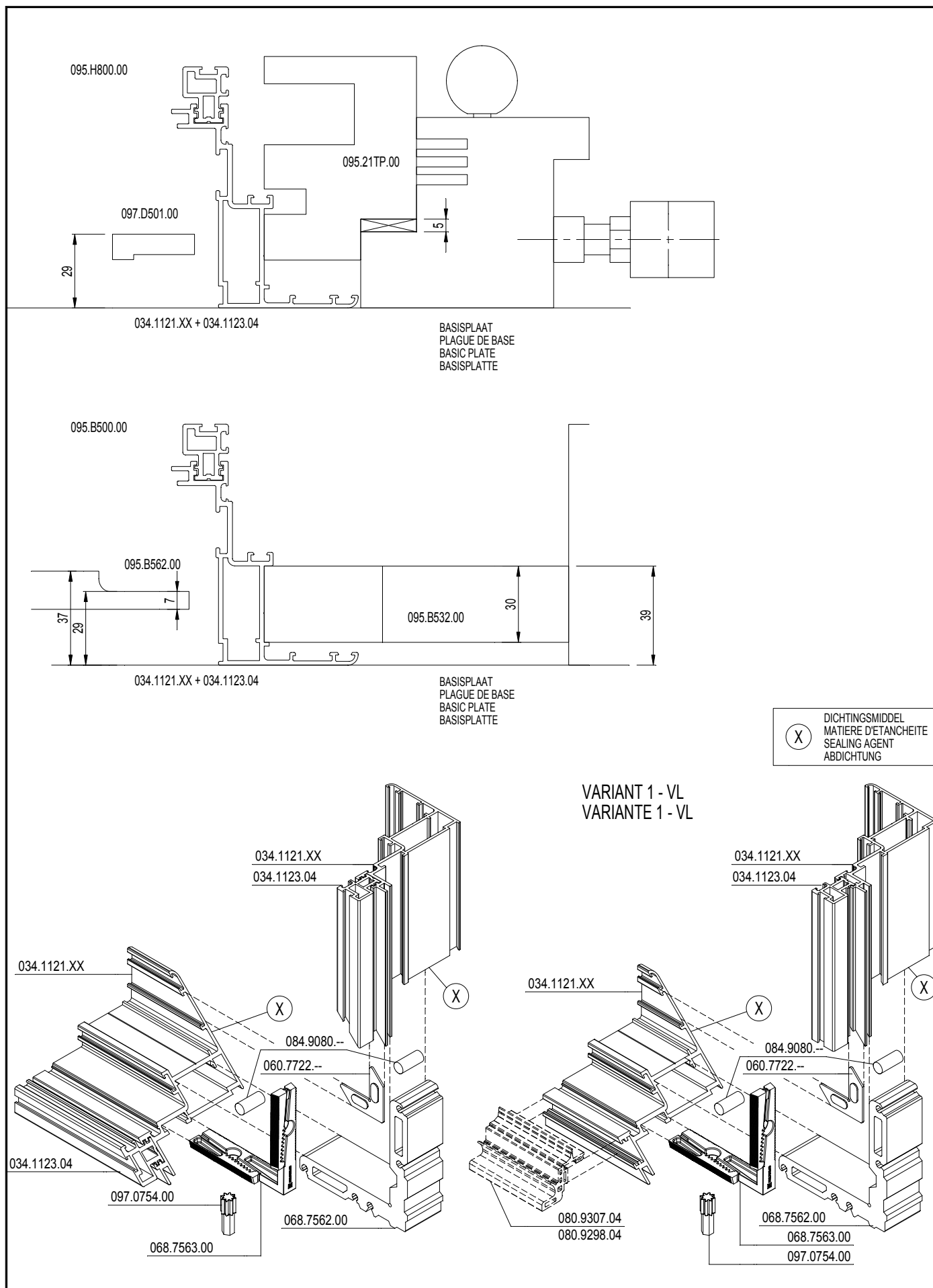
BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE

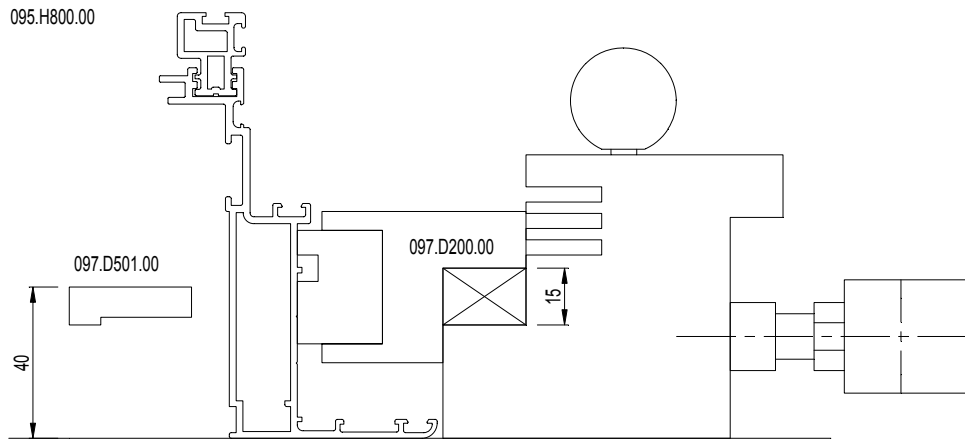
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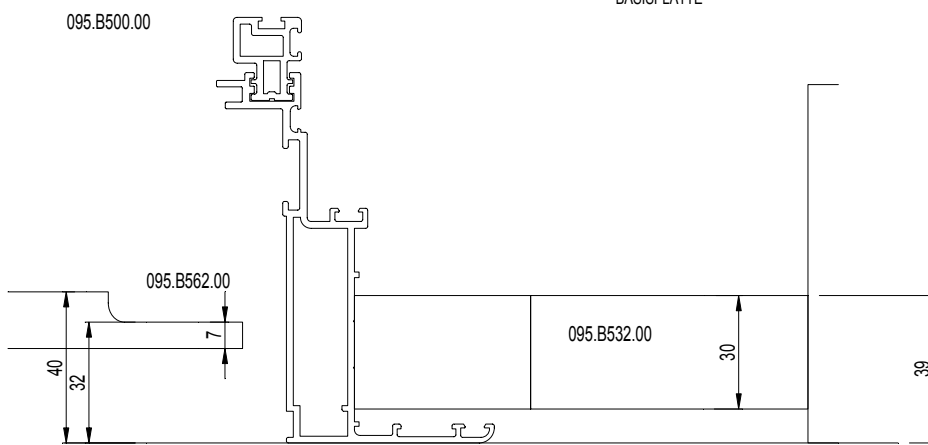
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BASISPLAAT
 PLAGUE DE BASE
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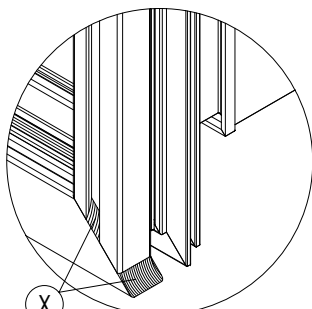




BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE



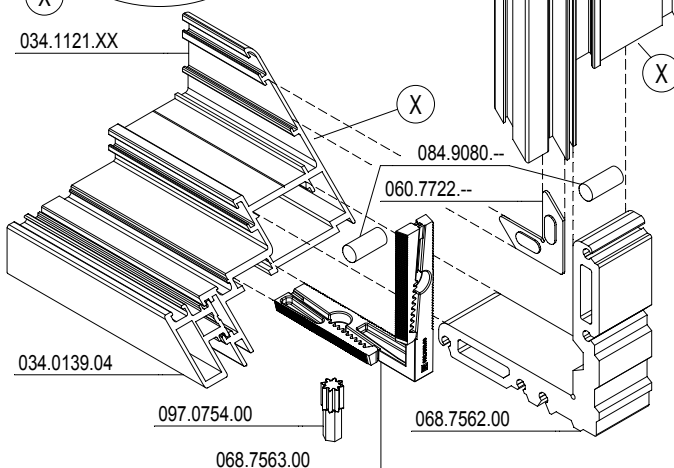
BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE



VARIANT 2 - VL
 VARIANTE 2 - VL

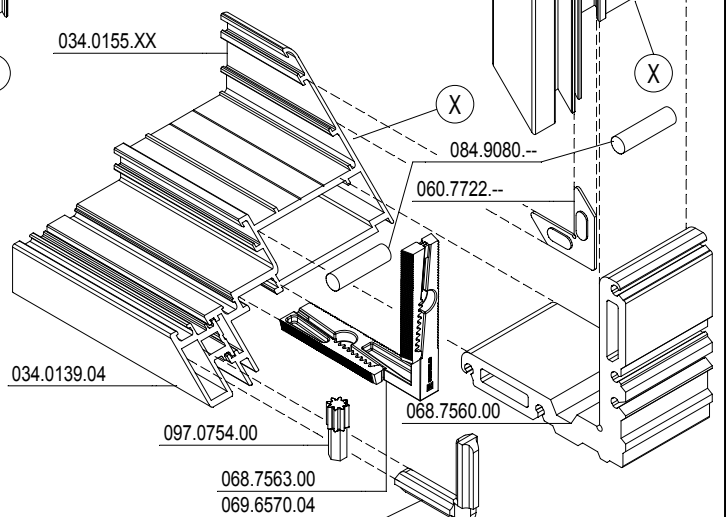
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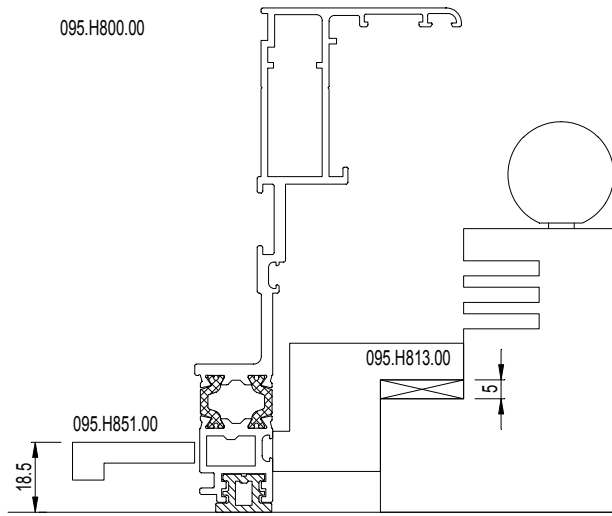
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VARIANT 3 - SC
 VARIANTE 3 - SC

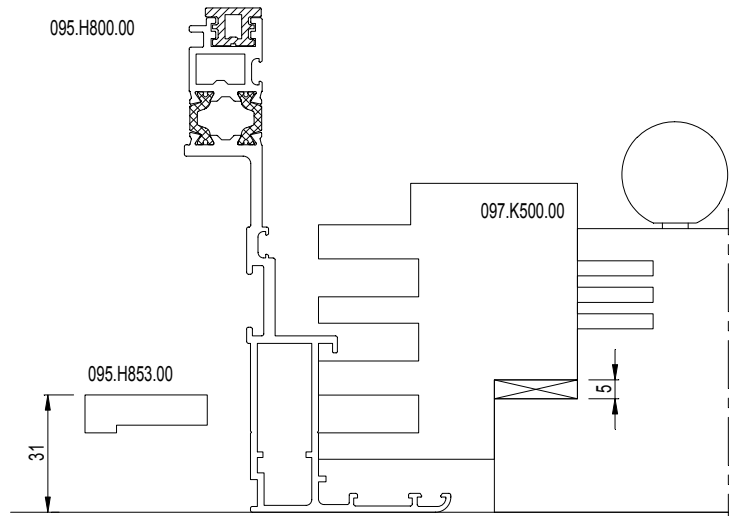
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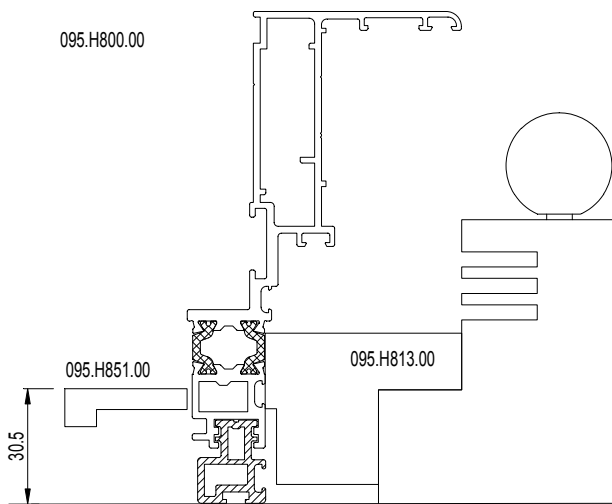
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BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE



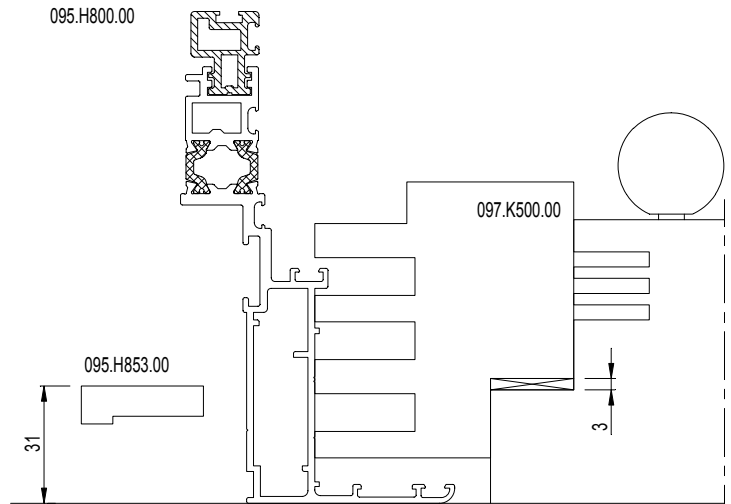
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BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE



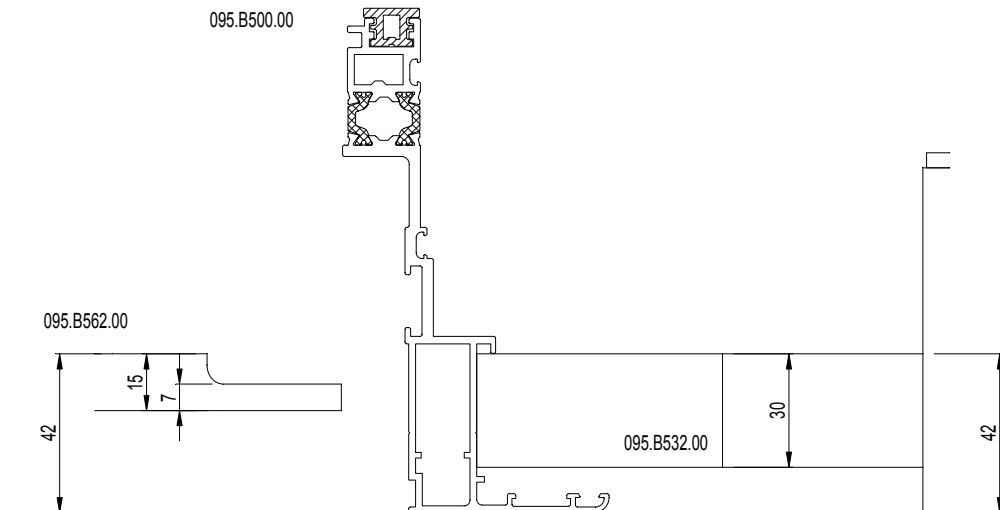
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 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE

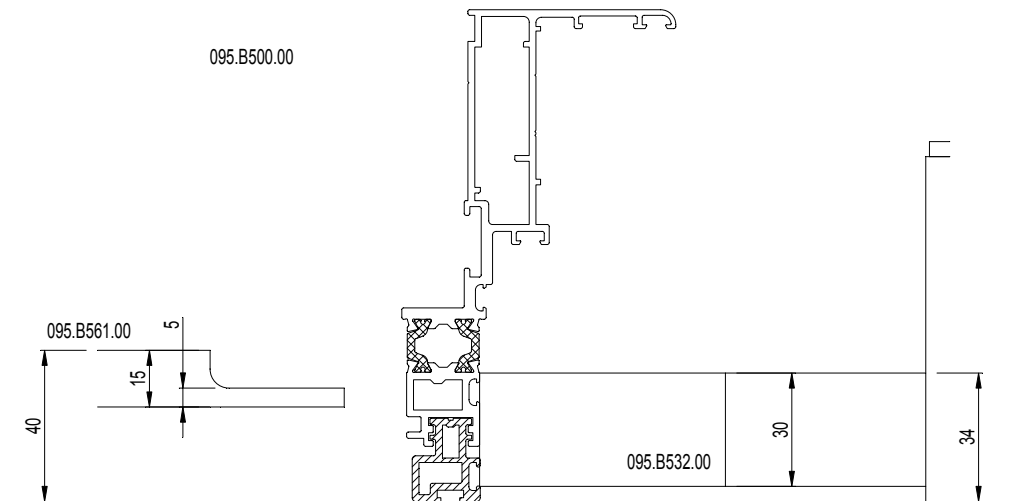


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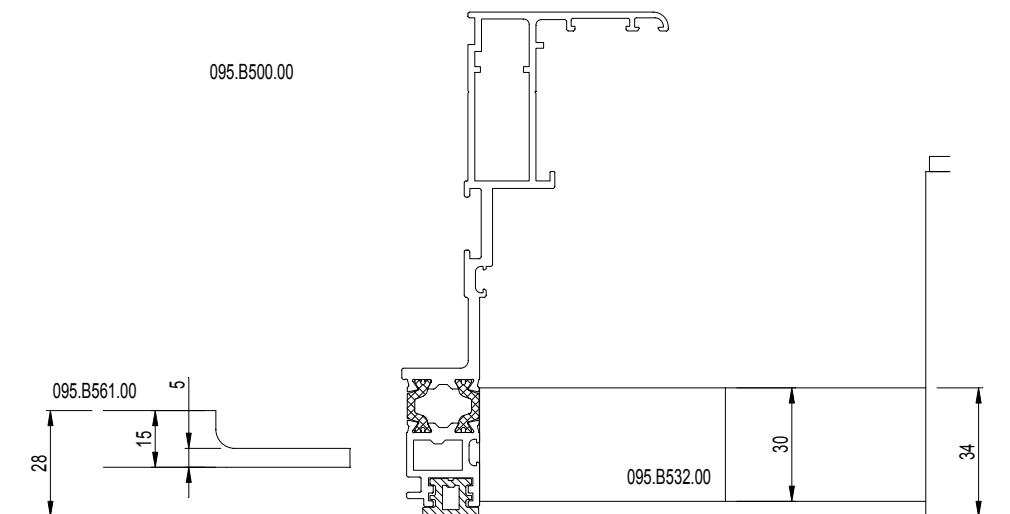
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 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE



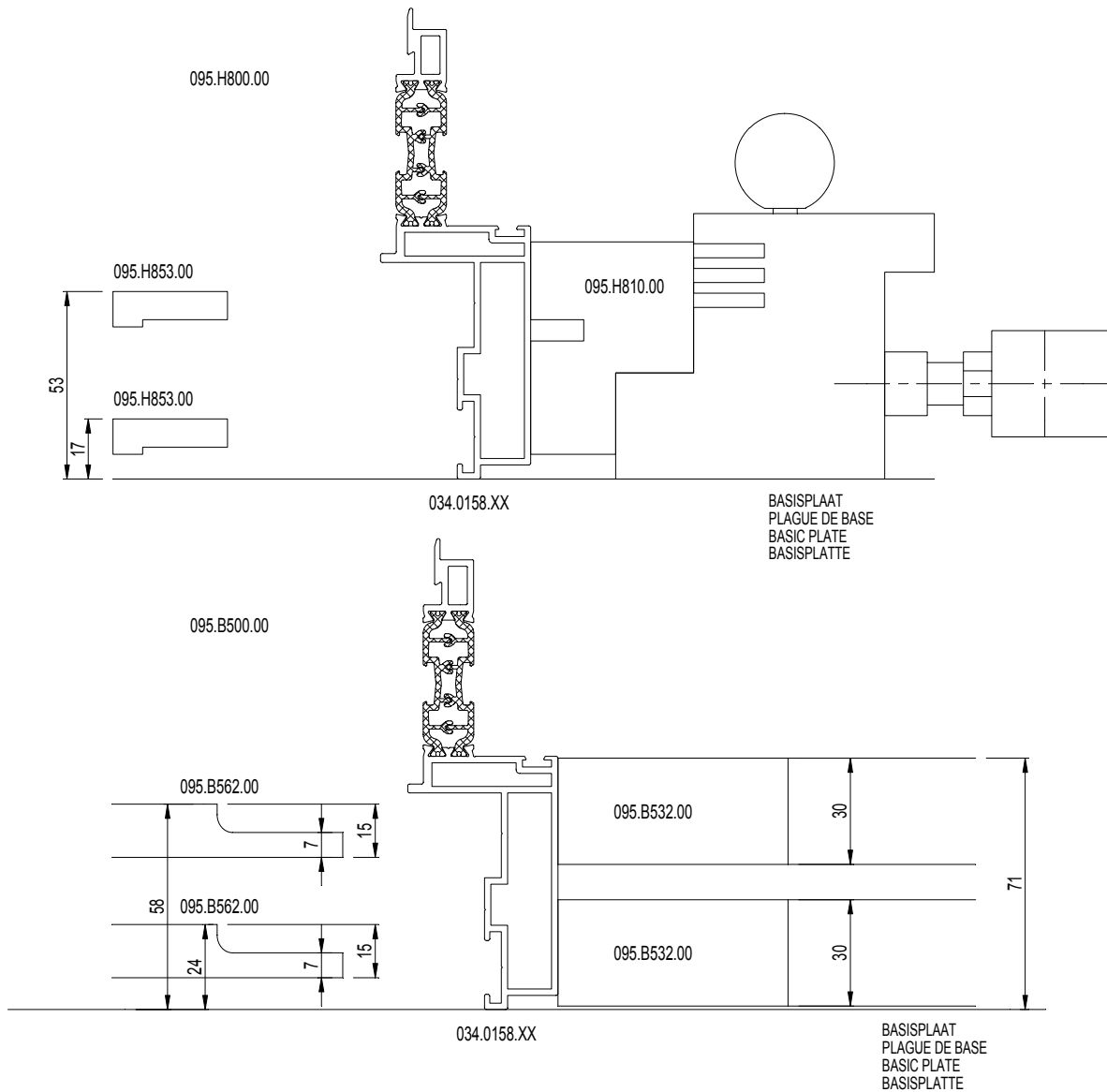
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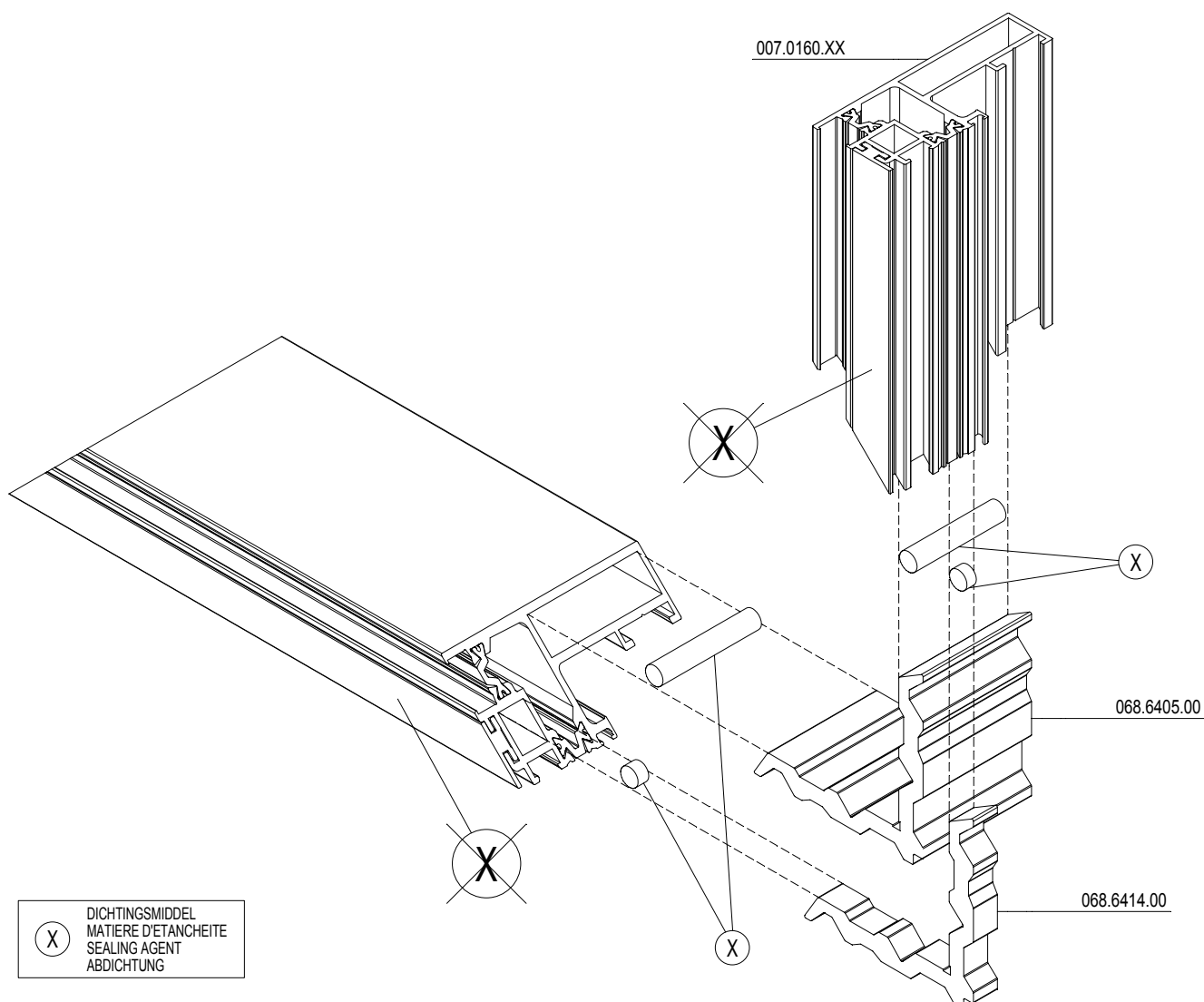
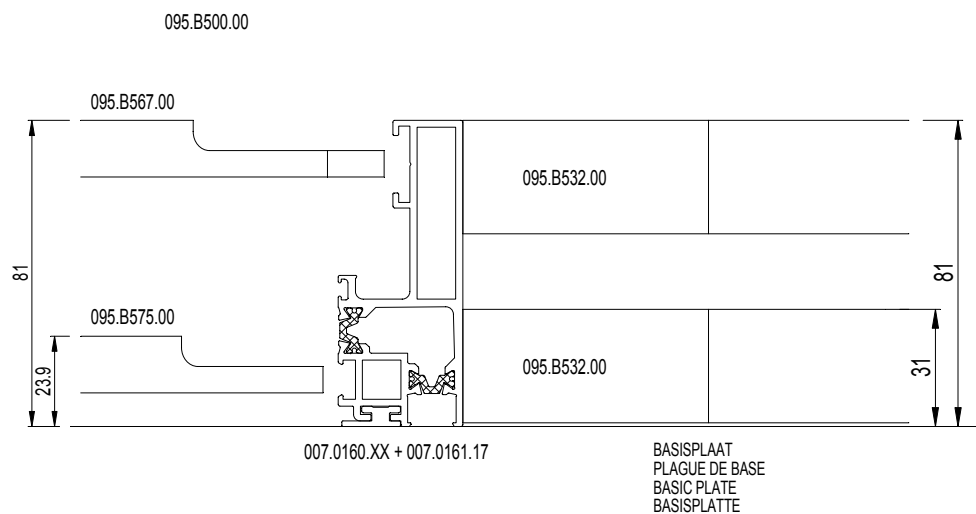


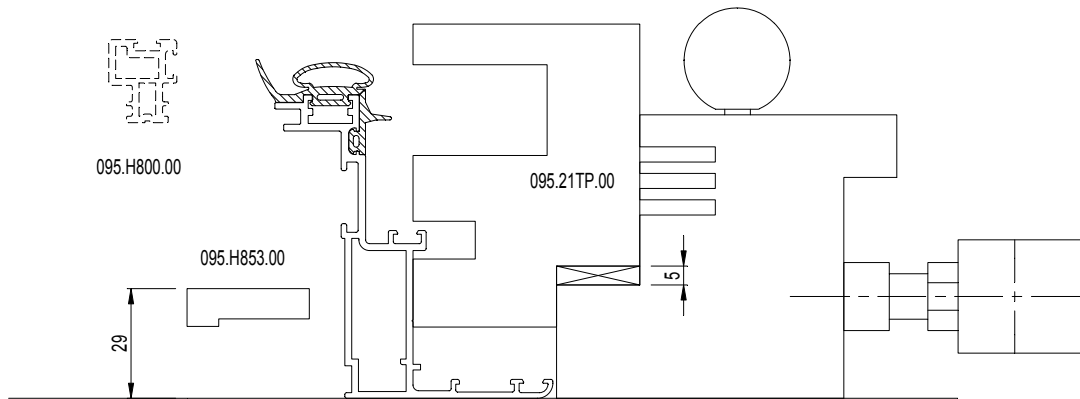
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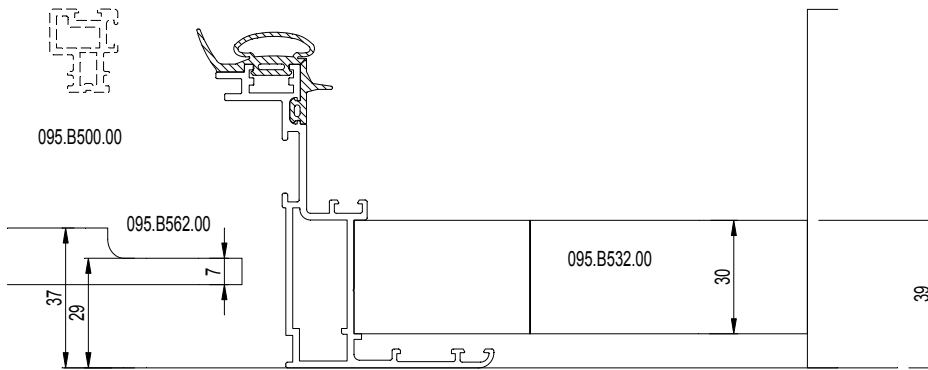






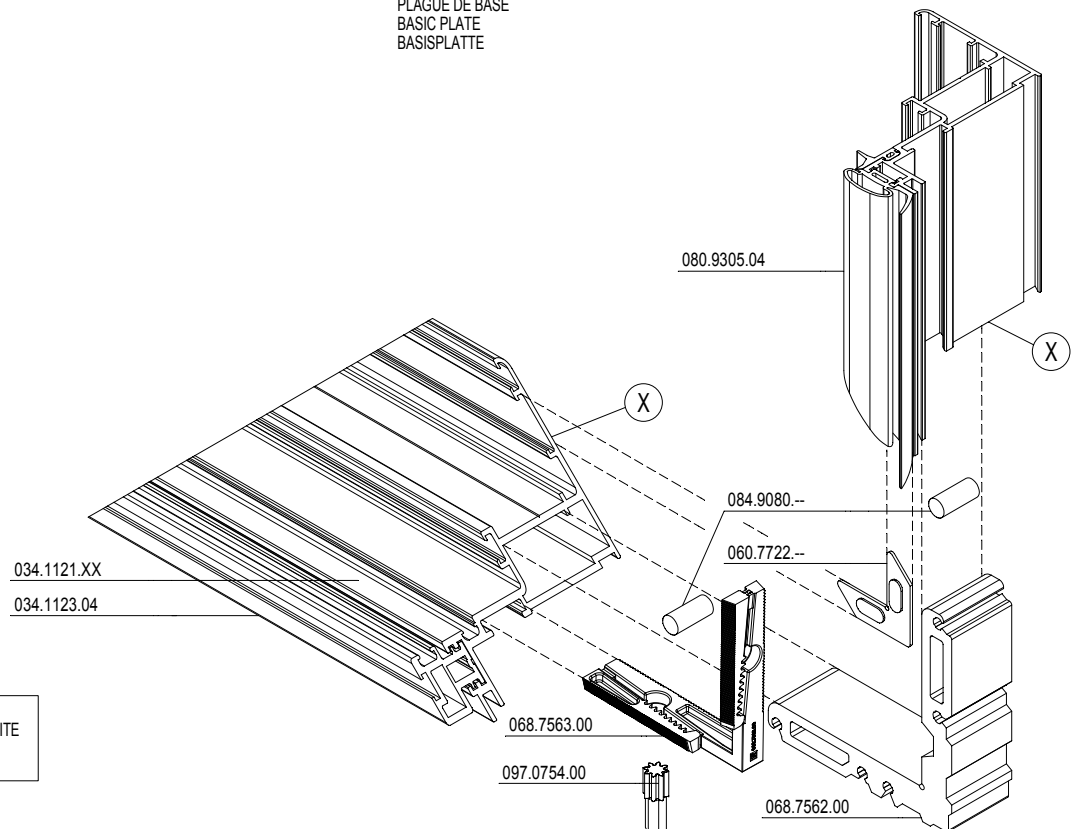
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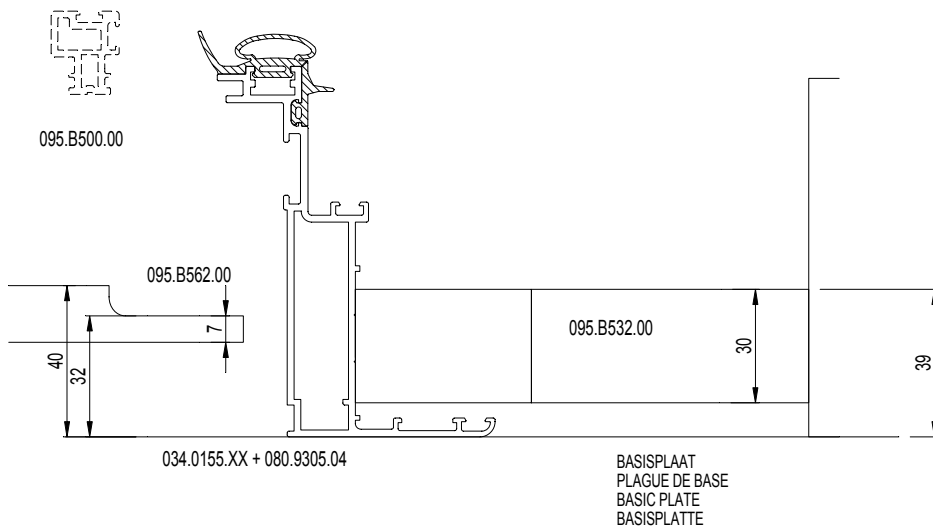
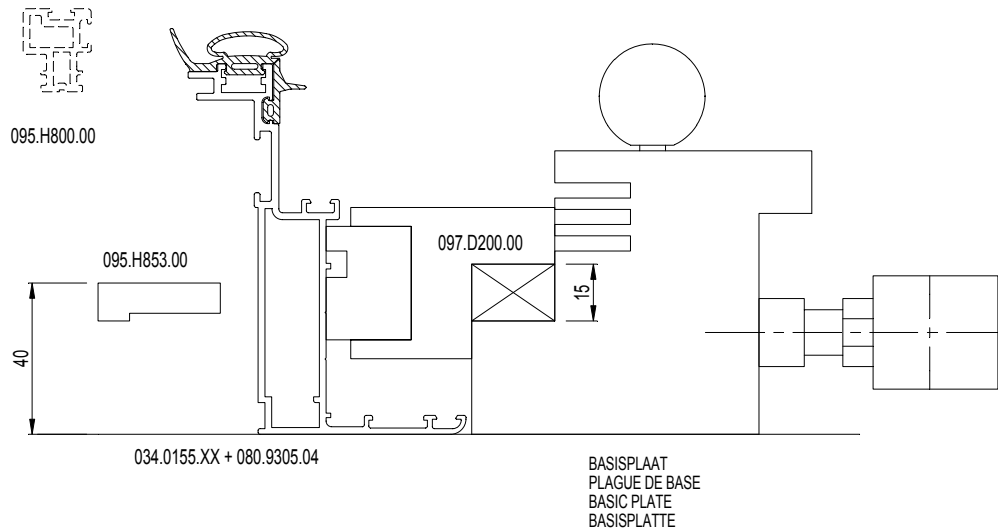
BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE



034.1121.XX + 080.9305.04

BASISPLAAT
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 BASISPLATTE

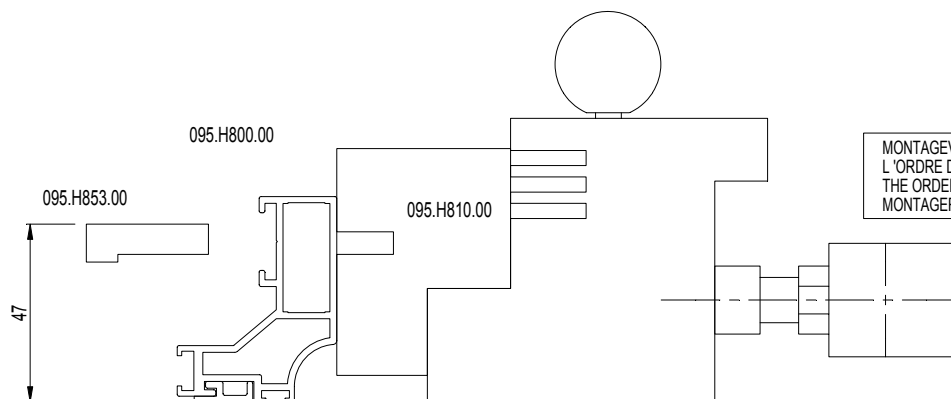




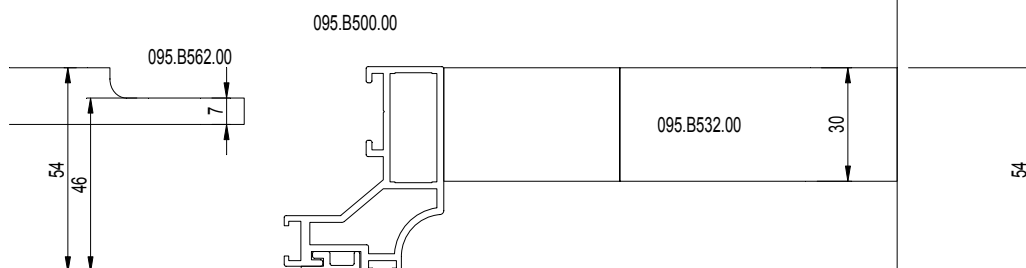
(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

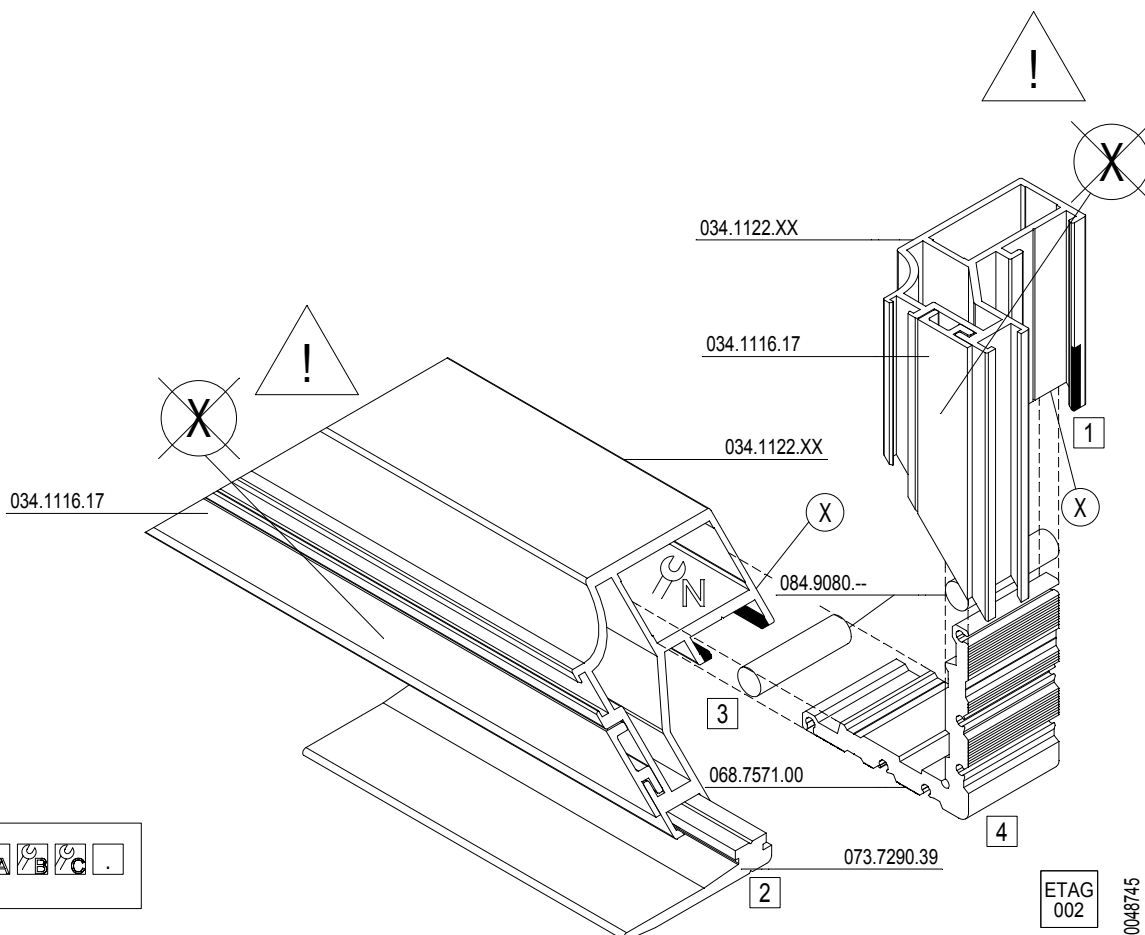
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BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE



BASISPLAAT
 PLAGUE DE BASE
 BASIC PLATE
 BASISPLATTE

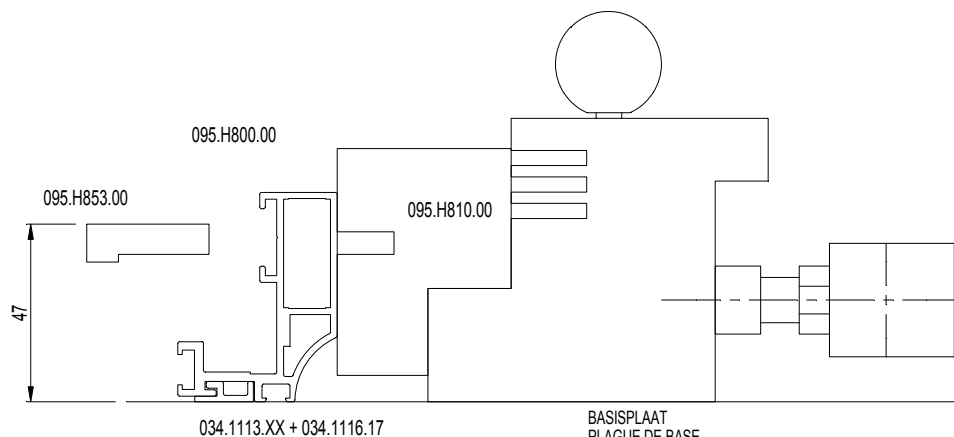


ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL

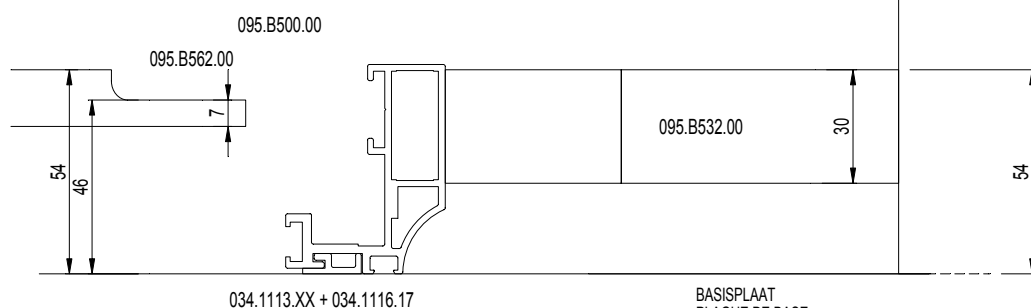


ETAG
 002

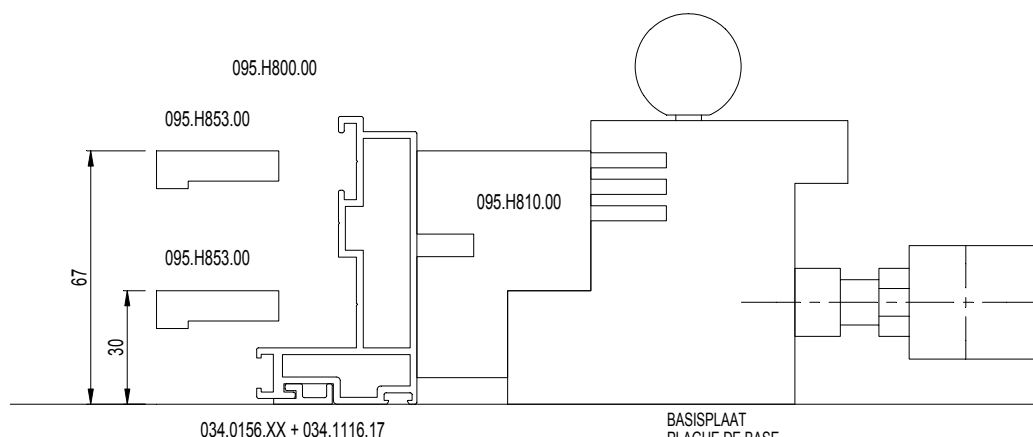
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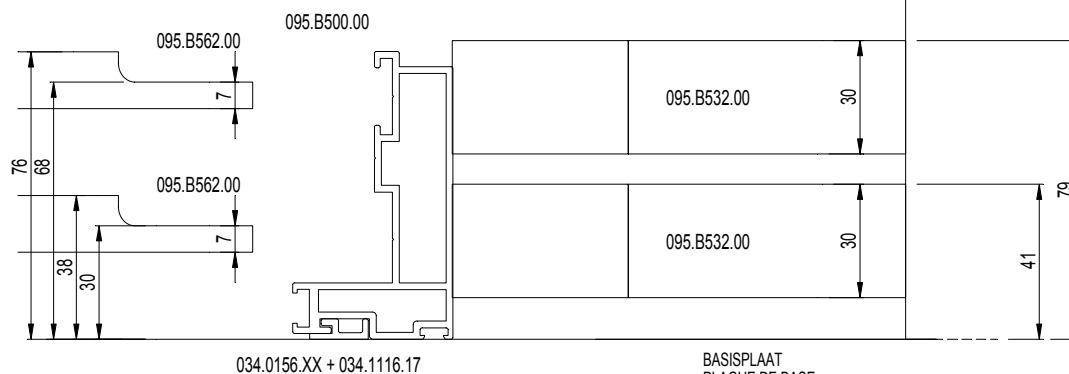
BASISPLAAT
PLAGUE DE BASE
BASIC PLATE
BASISPLATTE



BASISPLAAT
PLAGUE DE BASE
BASIC PLATE
BASISPLATTE



BASISPLAAT
PLAGUE DE BASE
BASIC PLATE
BASISPLATTE



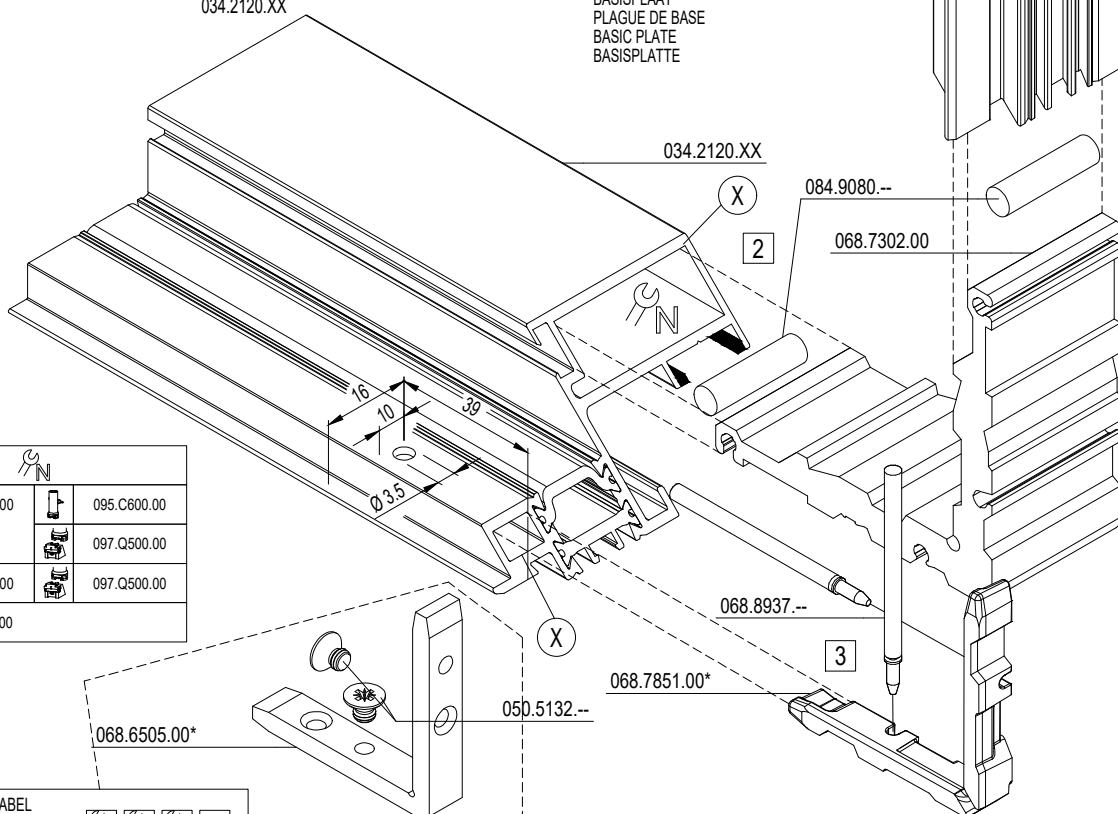
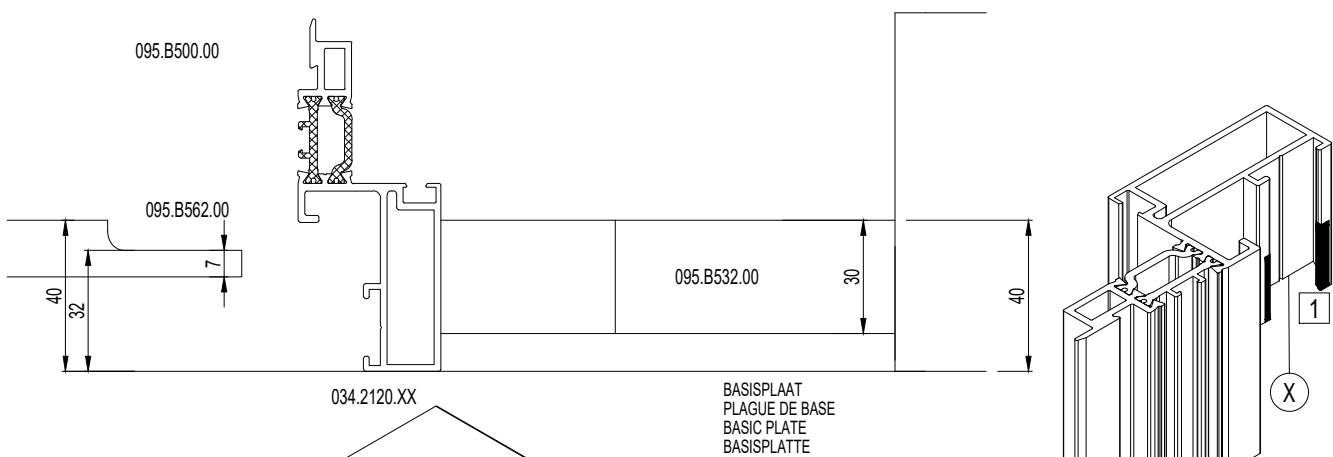
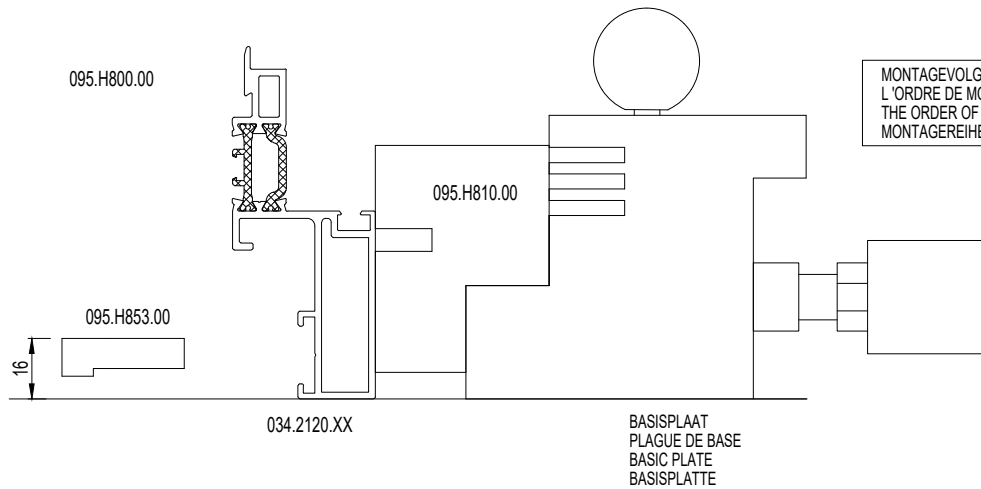
BASISPLAAT
PLAGUE DE BASE
BASIC PLATE
BASISPLATTE



DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .



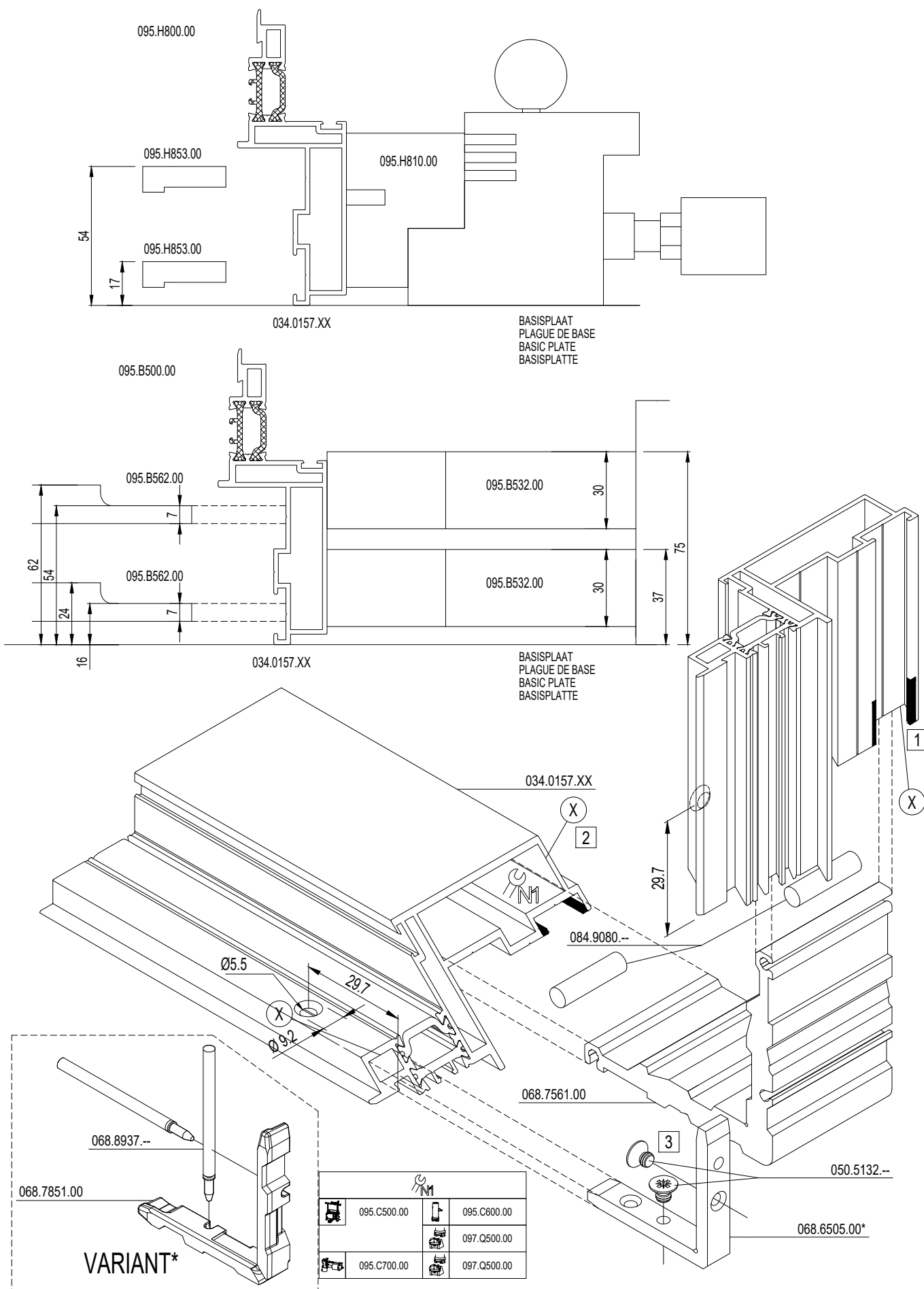
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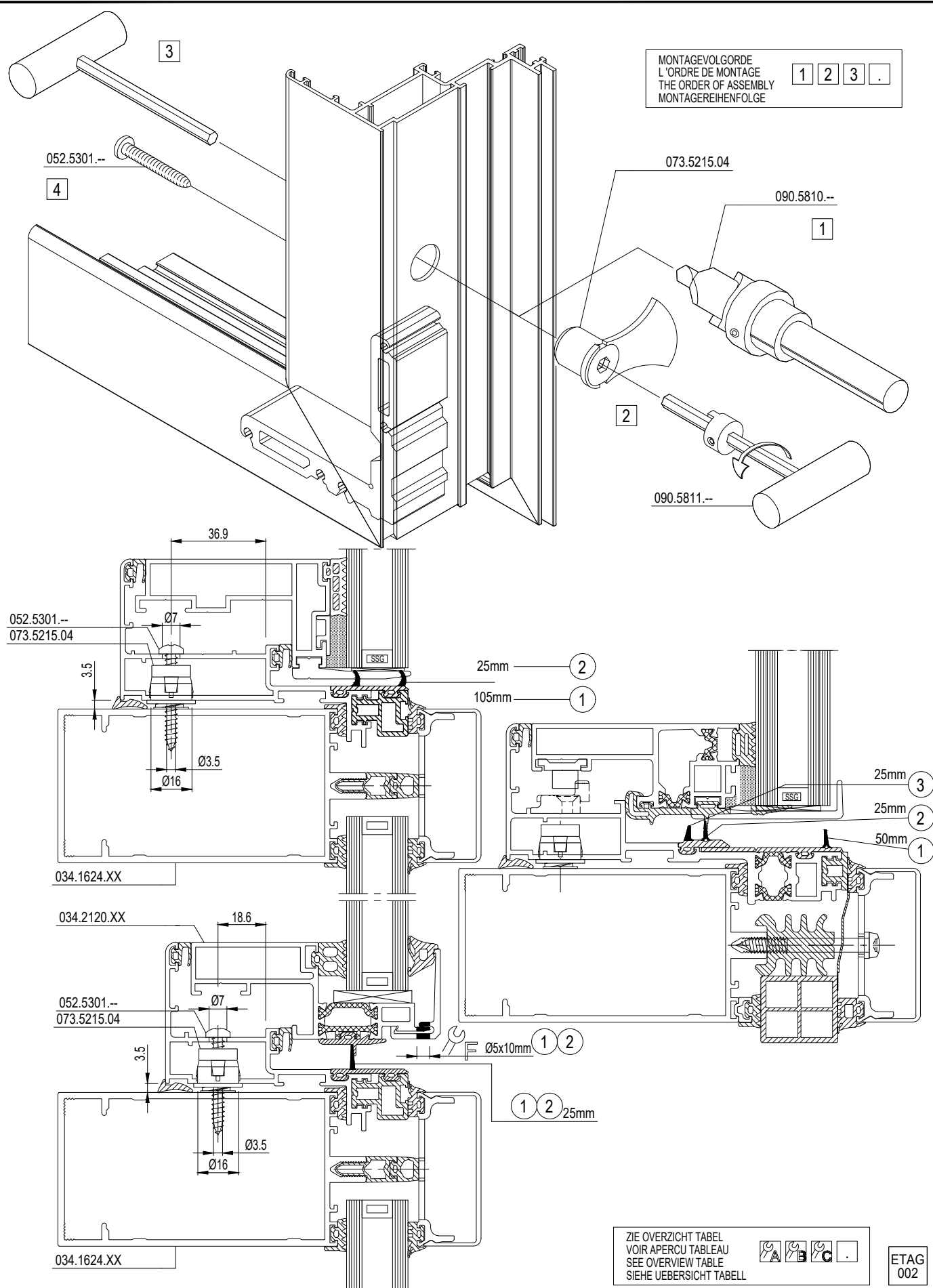
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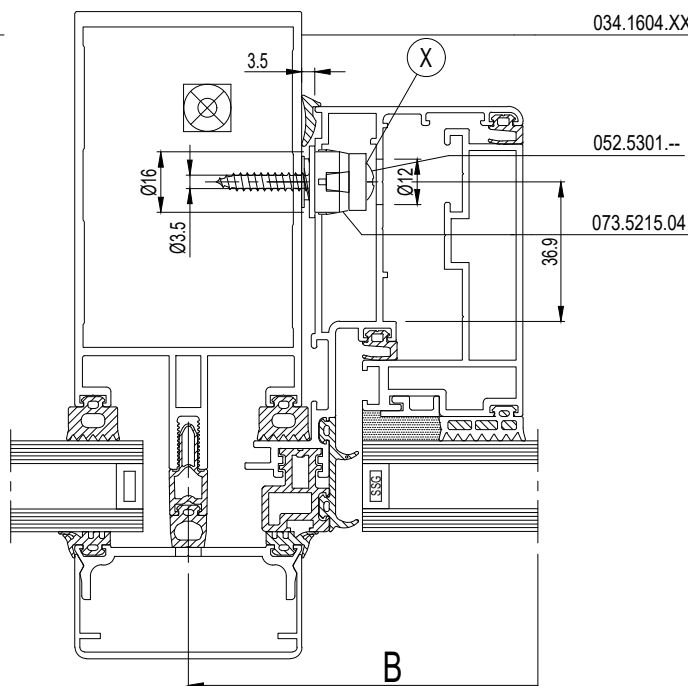
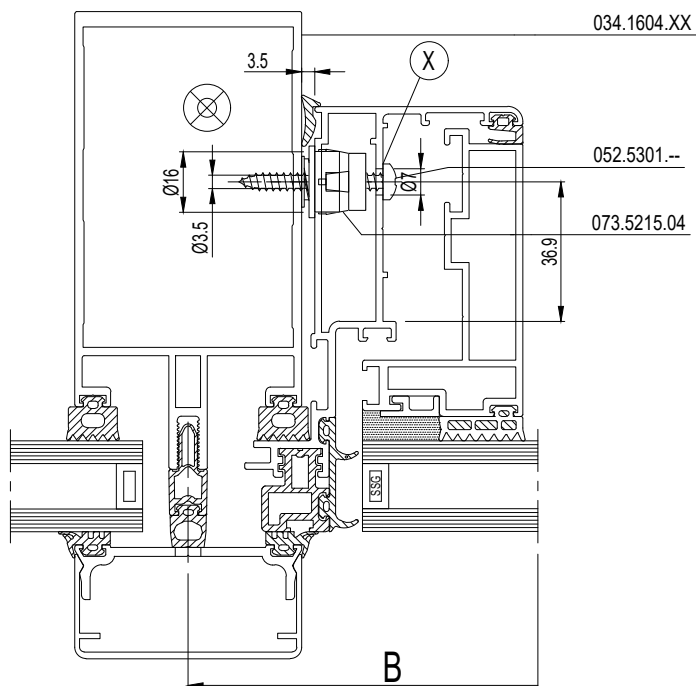
VARIANT*

ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL

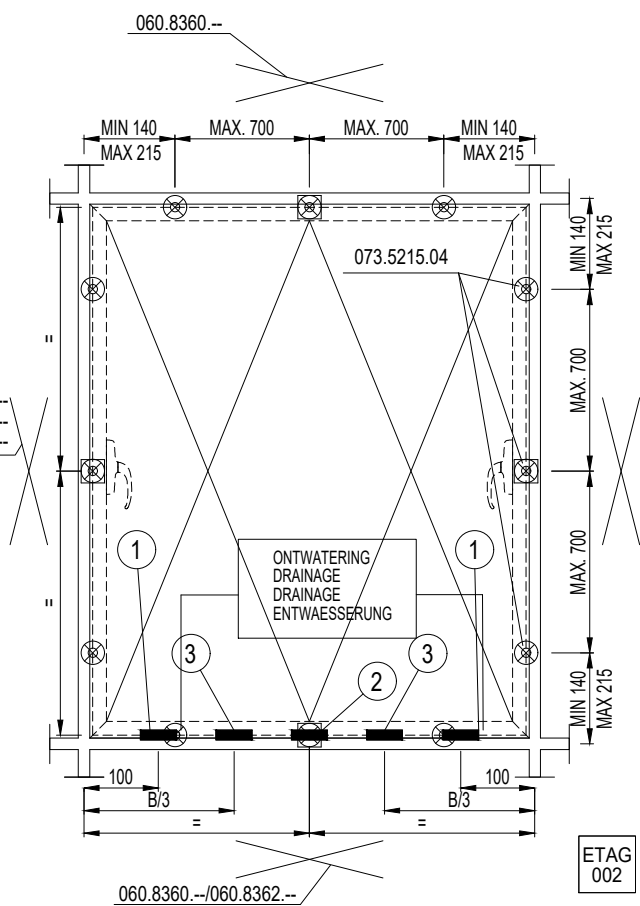
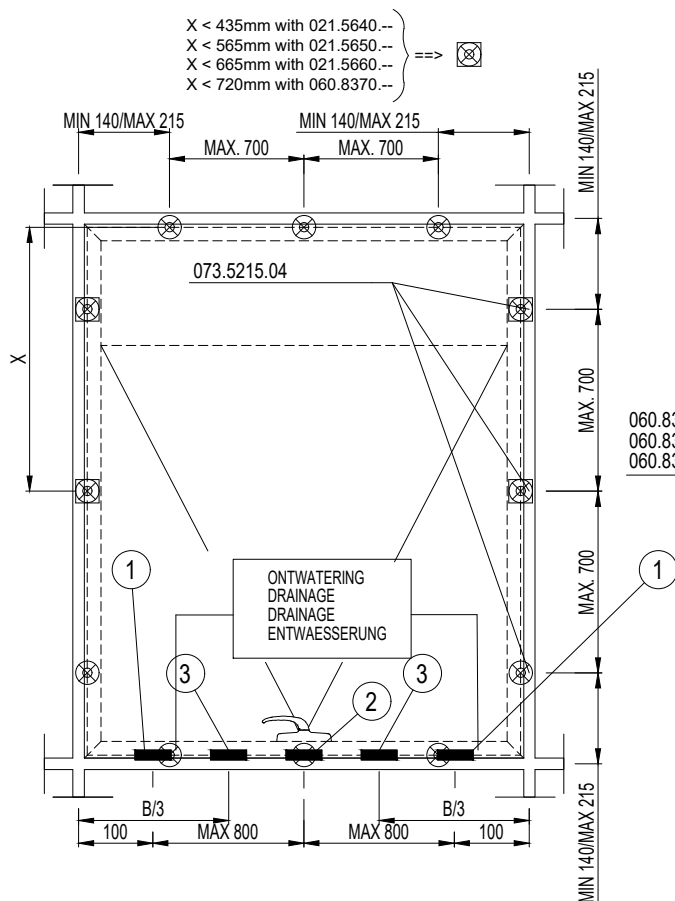






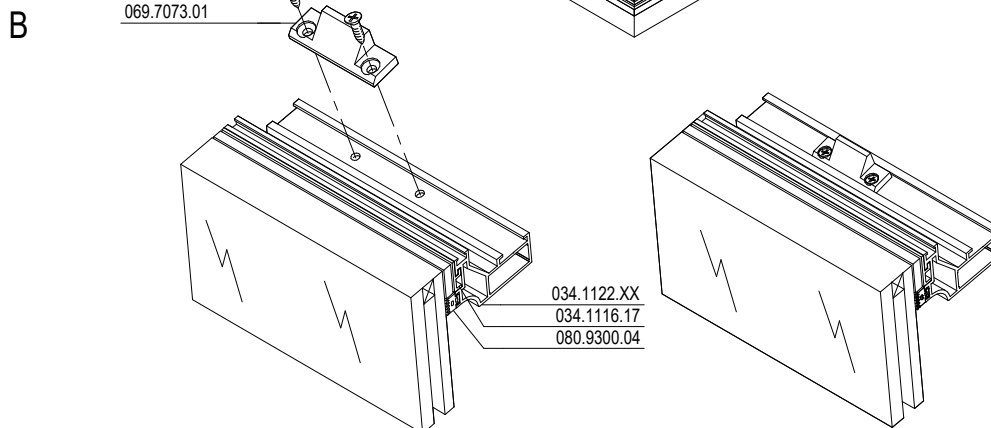
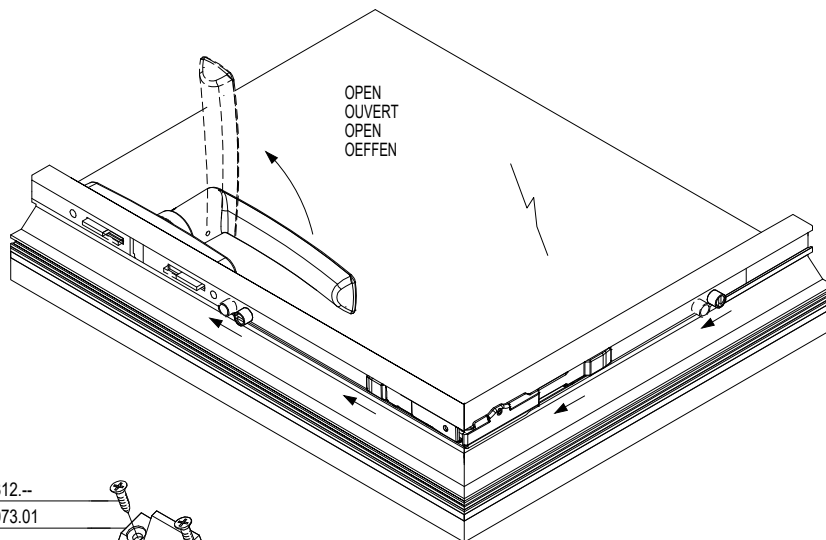
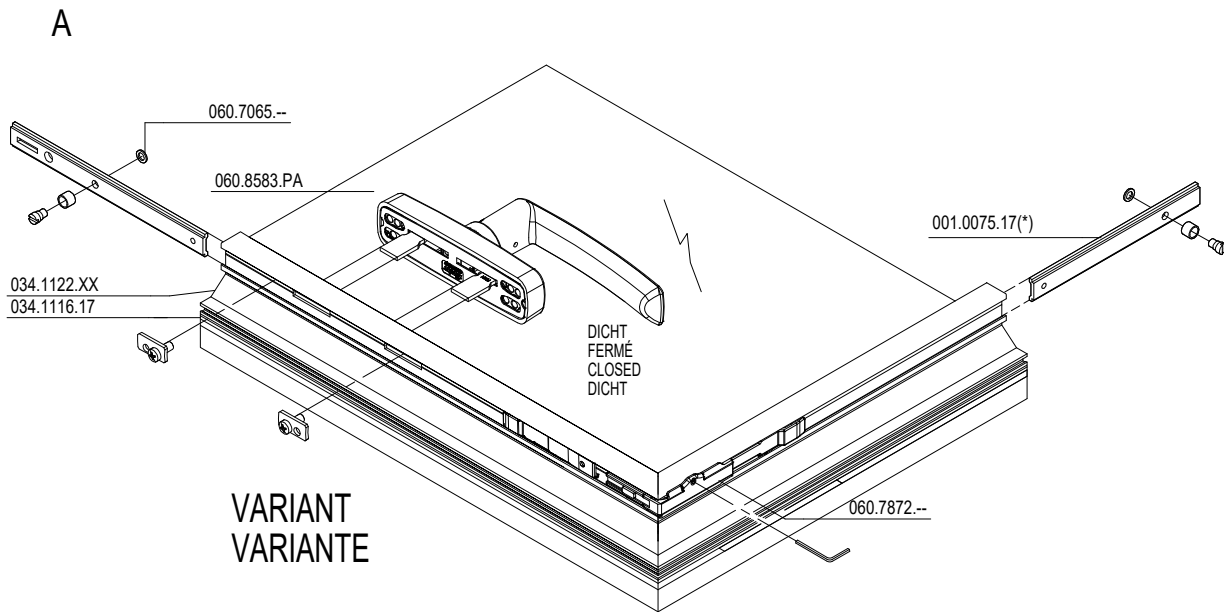


(X) DICHTINGSMIDDEL
 MATIERE D'ÉTANCHEITE
 SEALING AGENT
 ABDICHTUNG

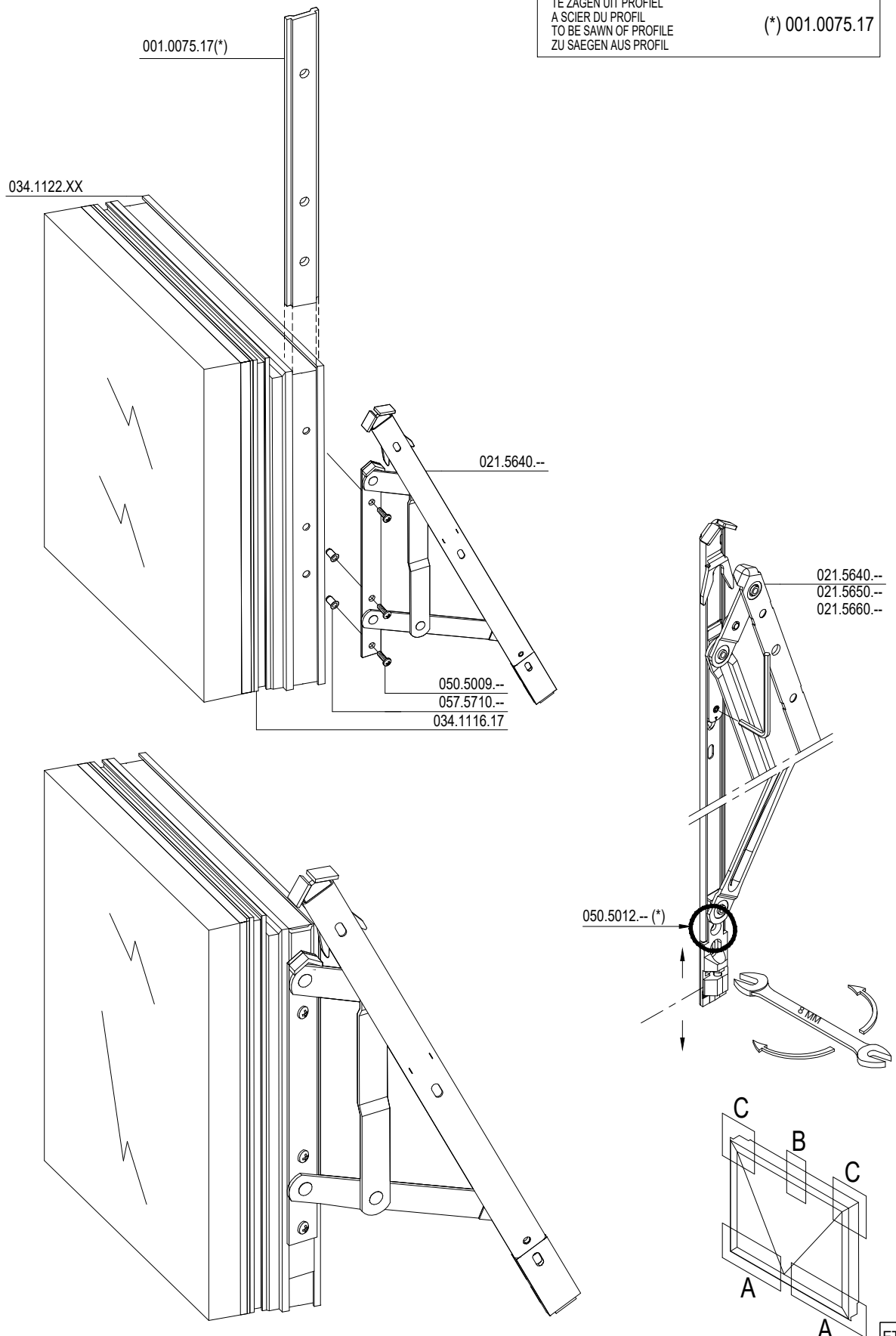


ETAG
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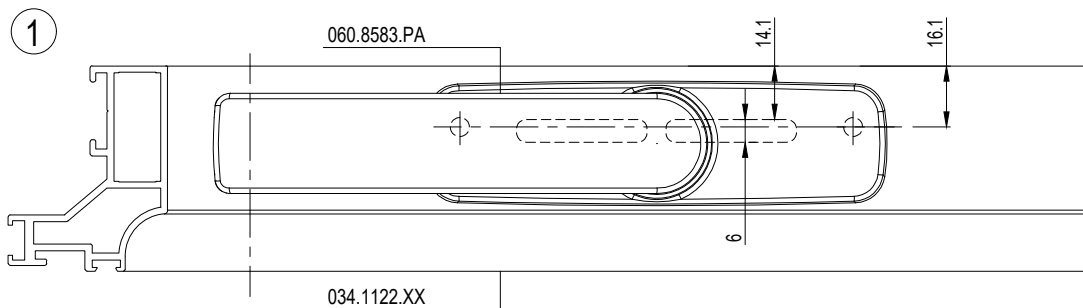
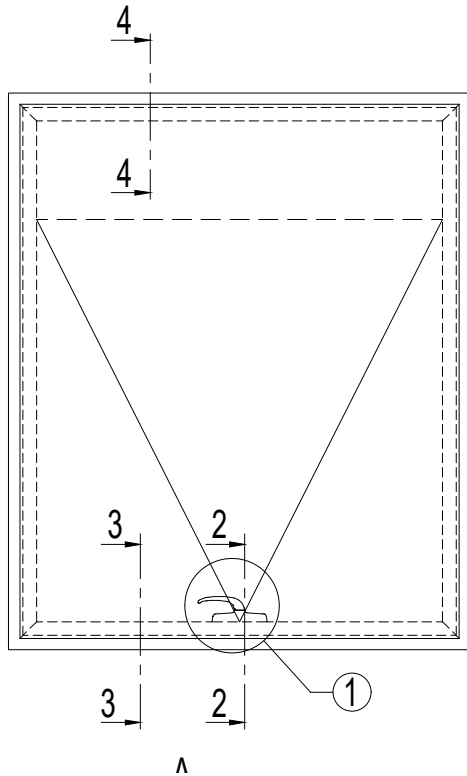


C

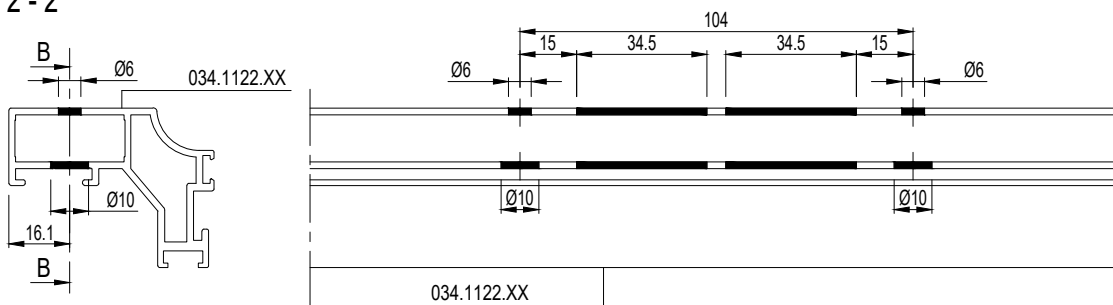


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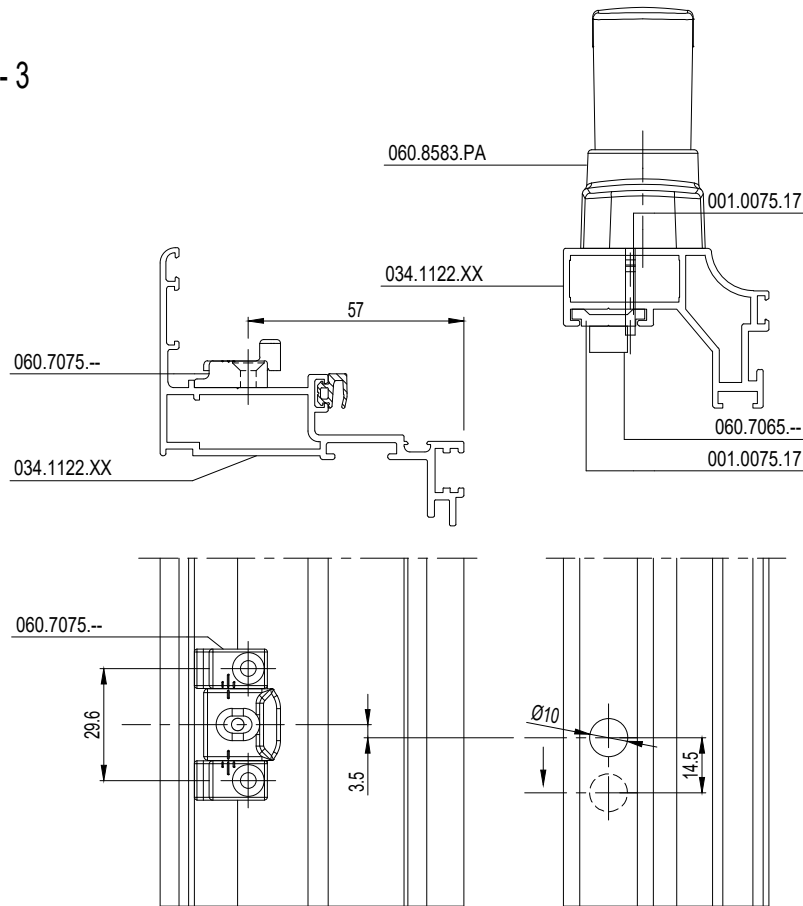
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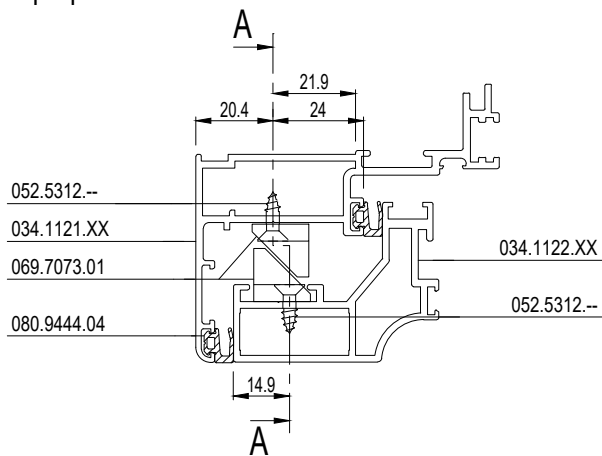
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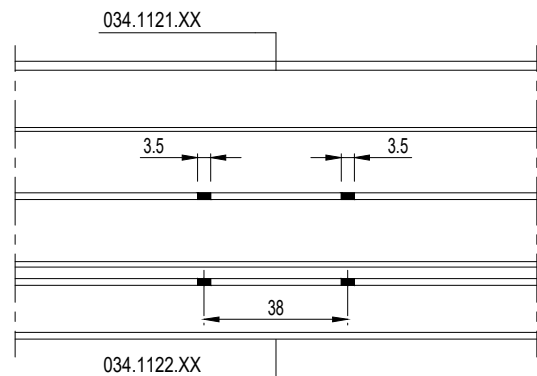
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4 - 4



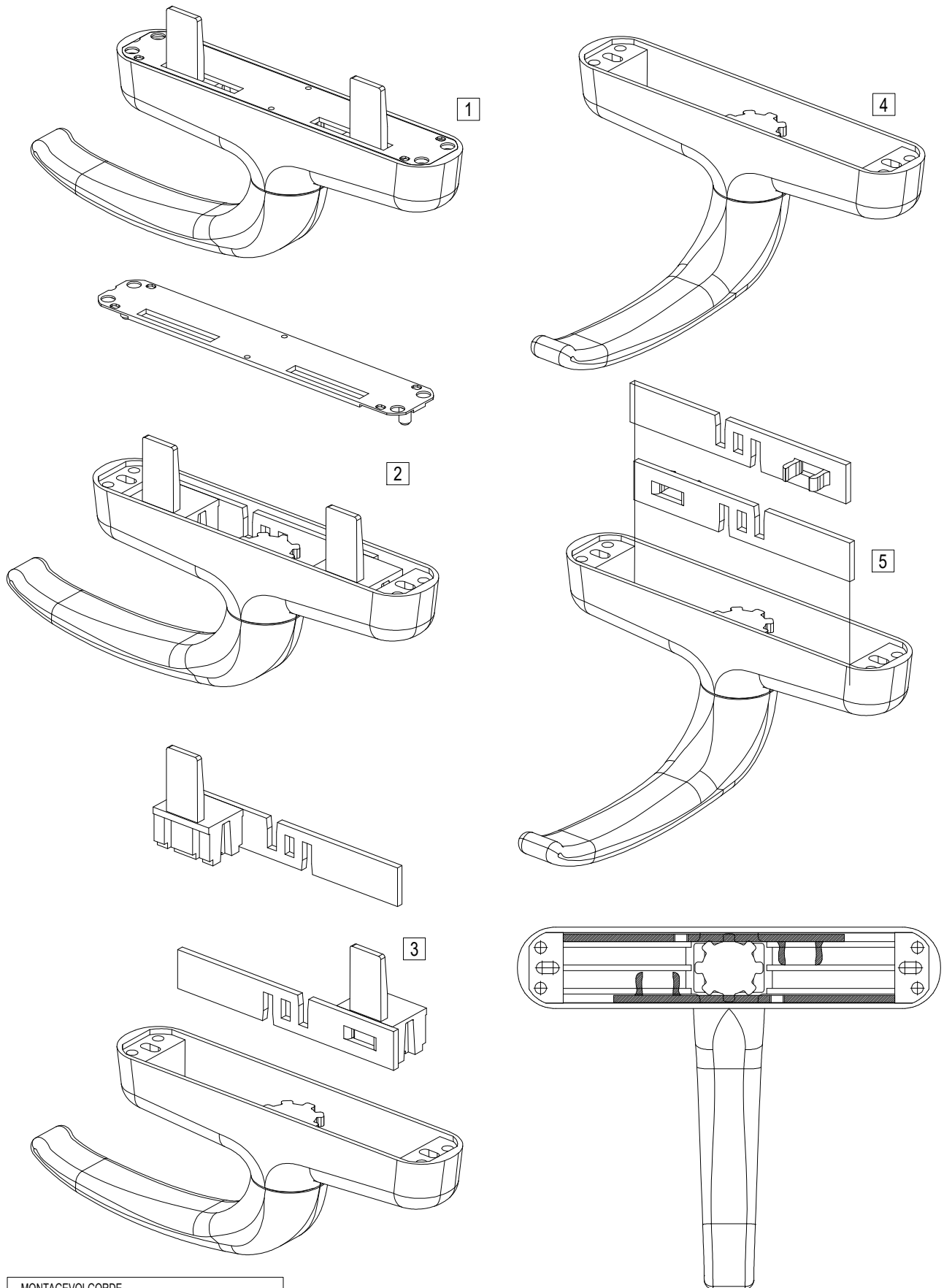
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ETAG
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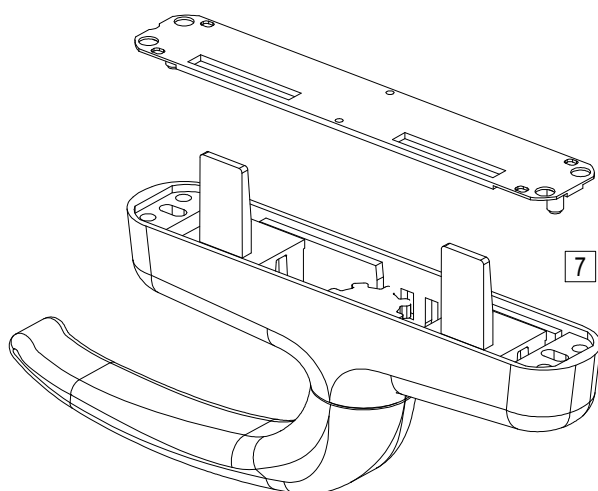
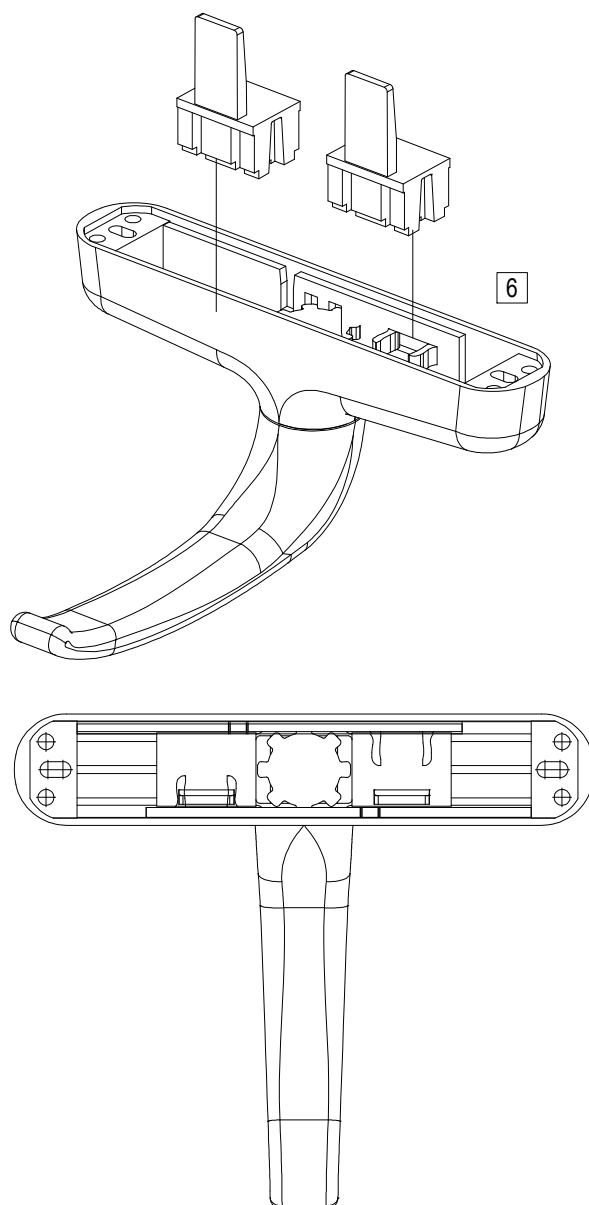
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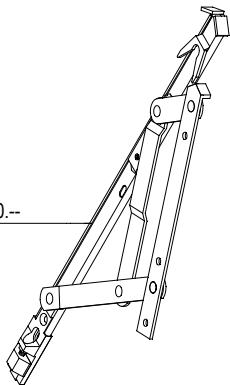


MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

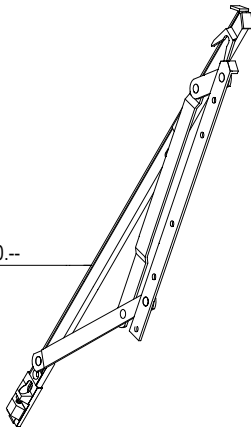
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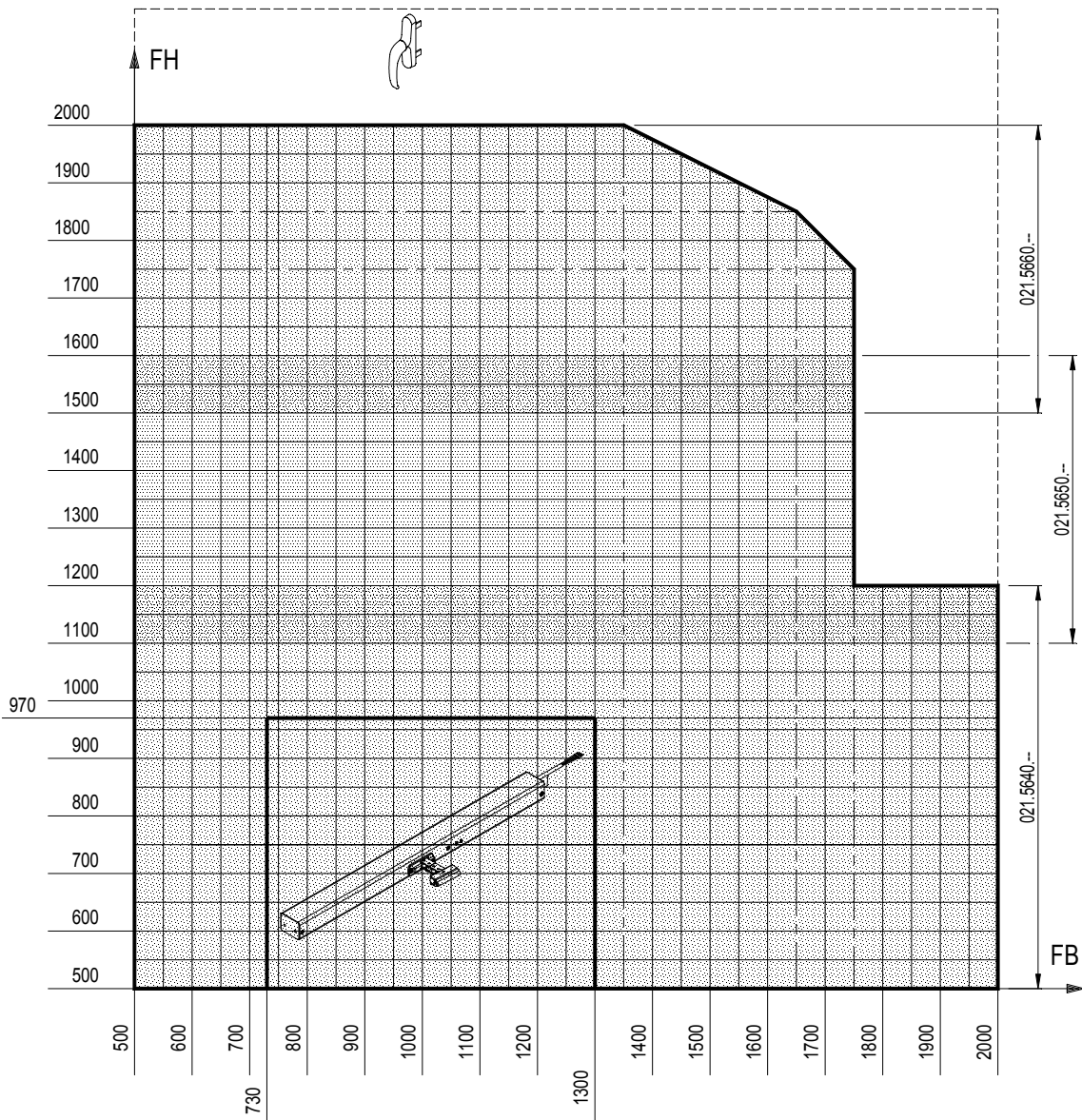
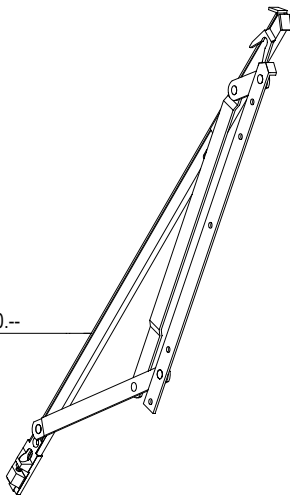
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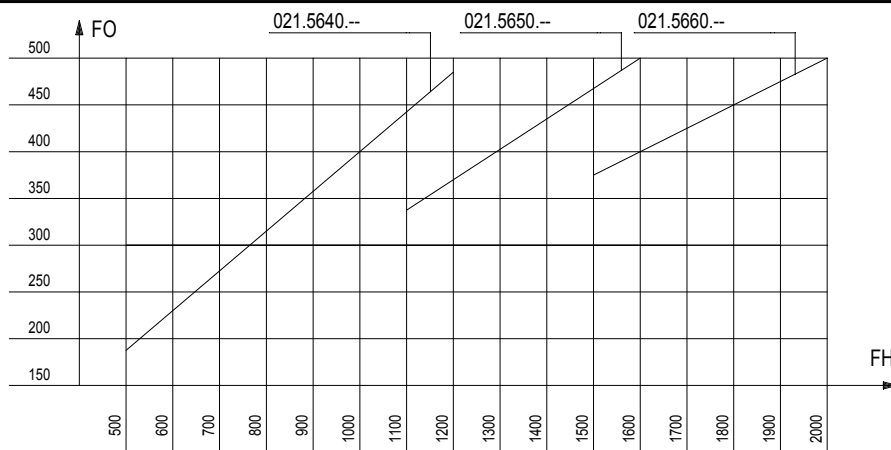


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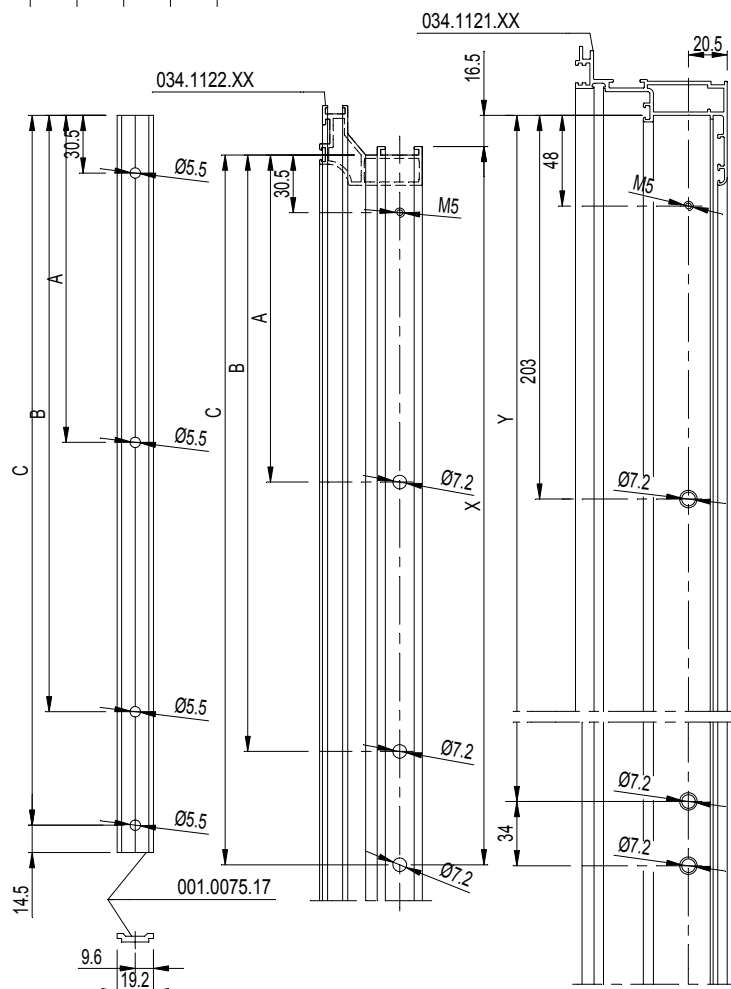
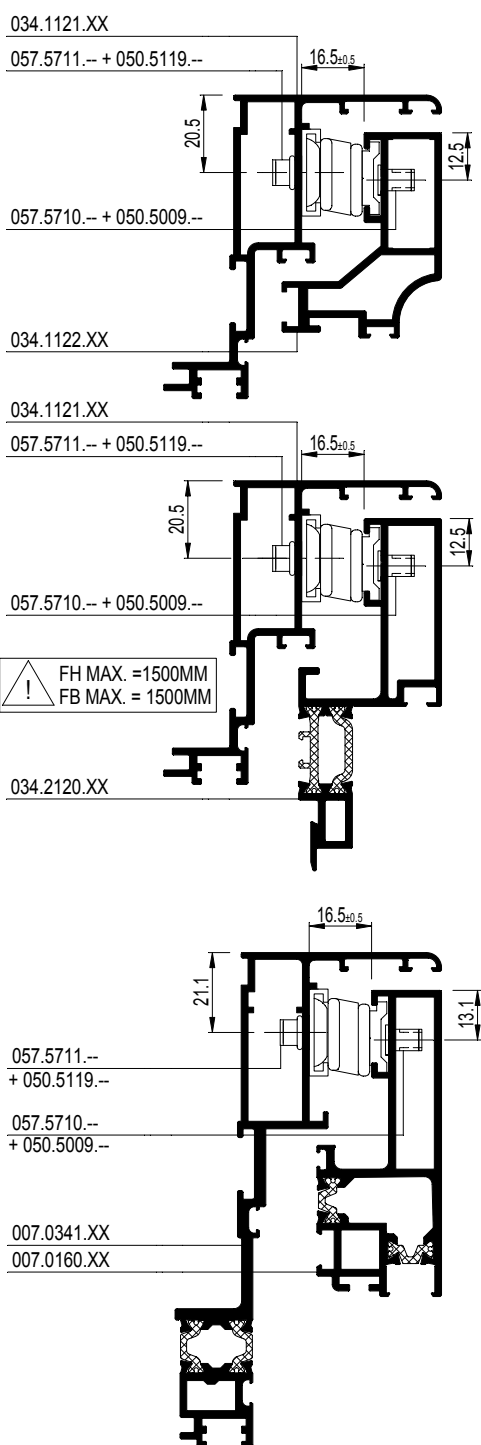
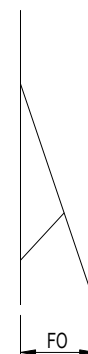


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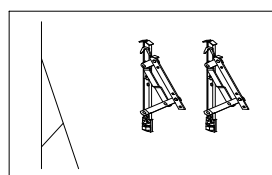
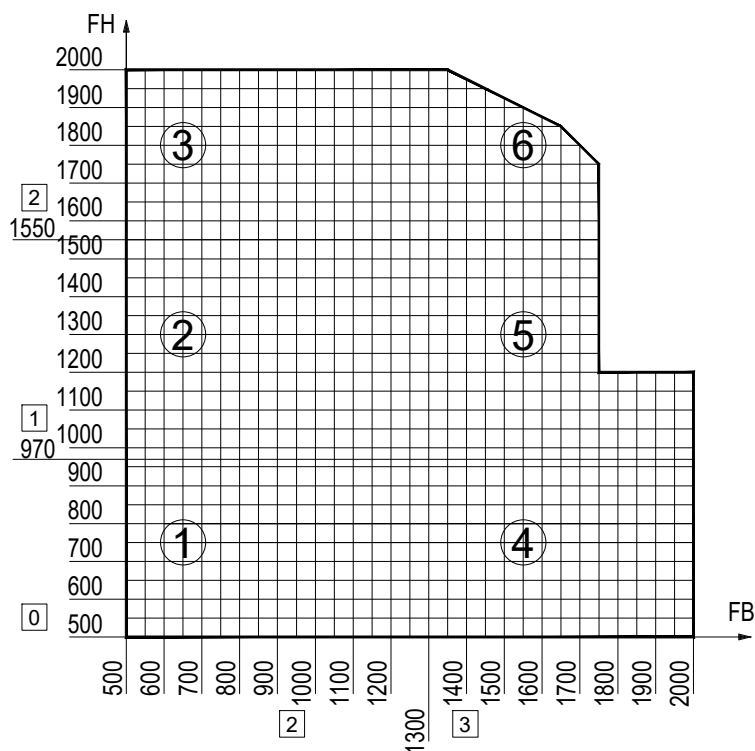
FO=Raamopening onderaan
FO=Ouverture pour fenêtre en bas
FO=Window opening below
FO=Fensteröffnung an der Unterseite



	Y(MM)	X(MM)	C(MM)	B(MM)	A(MM)	FG MAX
021.5640.--	363	190	185.5	135.5	-	80 KG
021.5650.--	494	280	275.5	215.5	123	105 KG
021.5660.--	624	380	375.5	315.5	173	130 KG

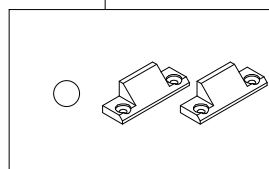
ETAG
002

D0048756

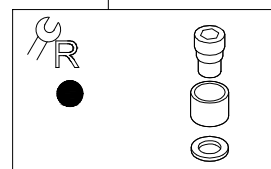


021.5640.--
 021.5650.--
 021.5660.--

2x069.7073.01

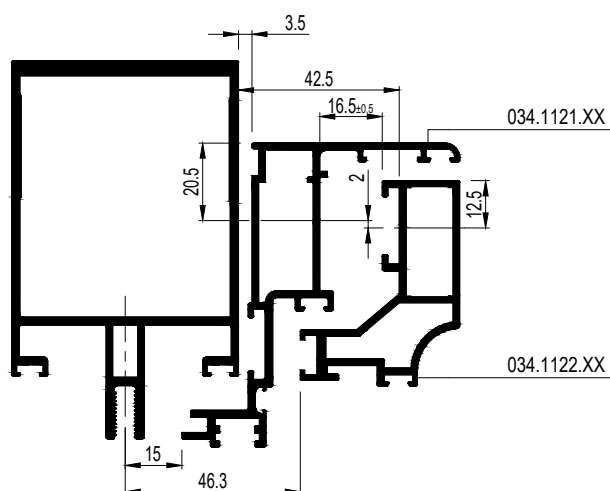


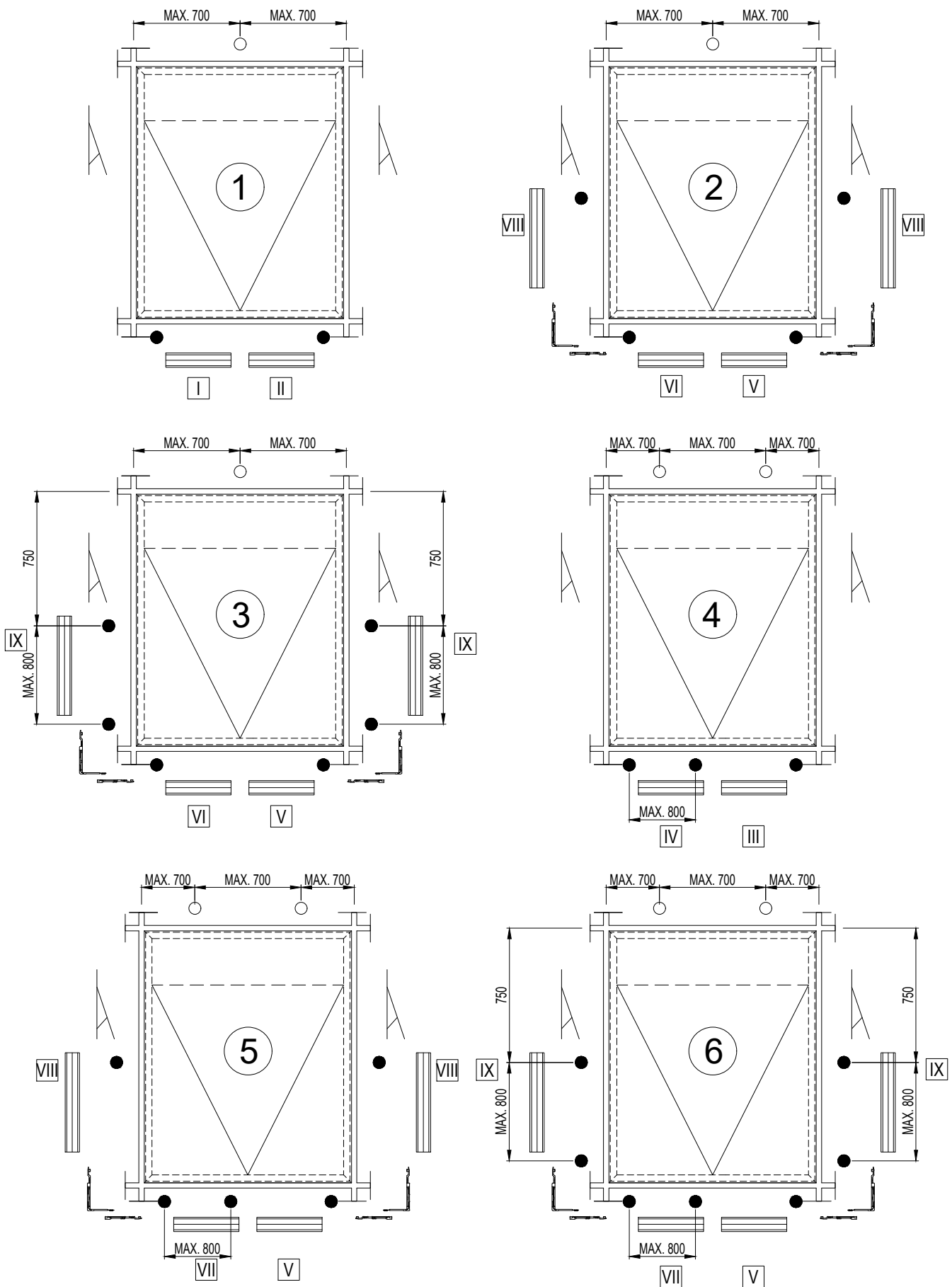
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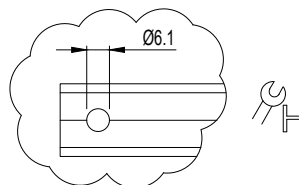
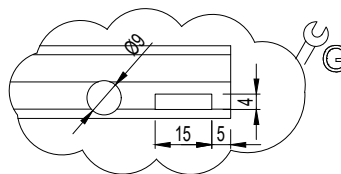
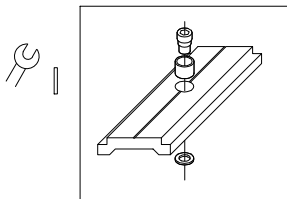
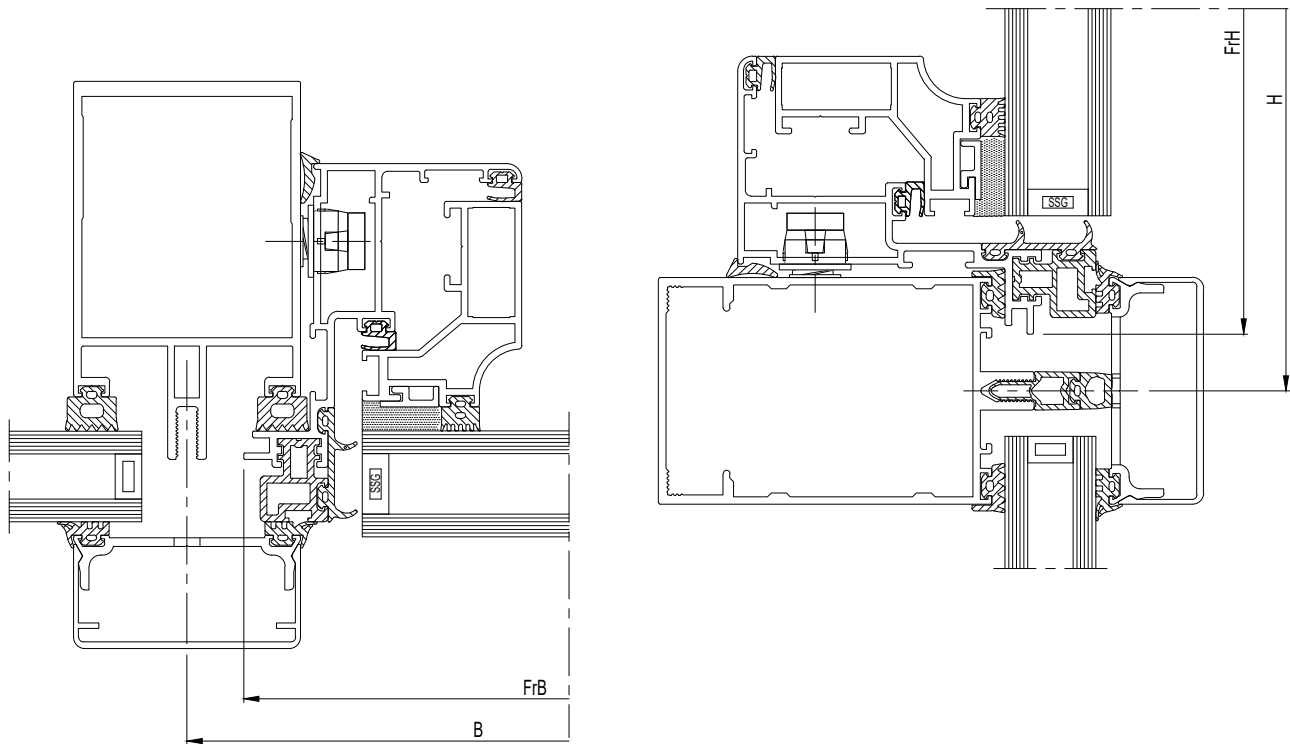


AANTAL SLUITPUNTEN
 NOMBRE DE POINTS DE VERROUILLAGE
 NUMBER OF LOCKING POINTS
 ANZAHL DER SCHLIESSPUNKTE

0 1 2 3

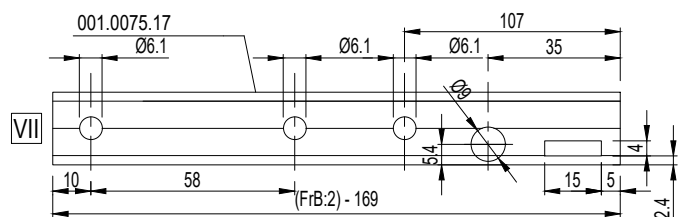
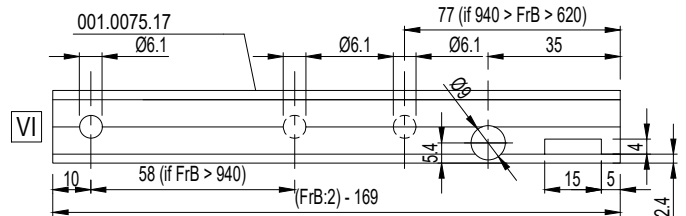
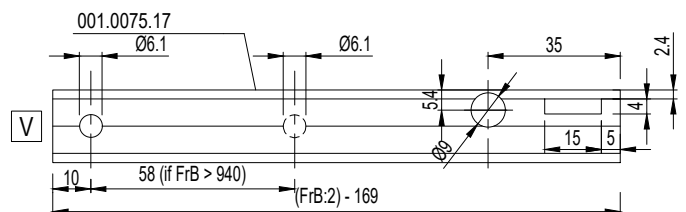
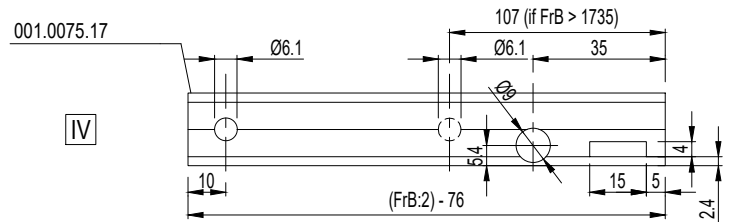
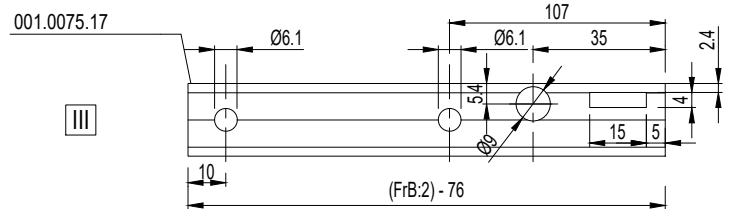
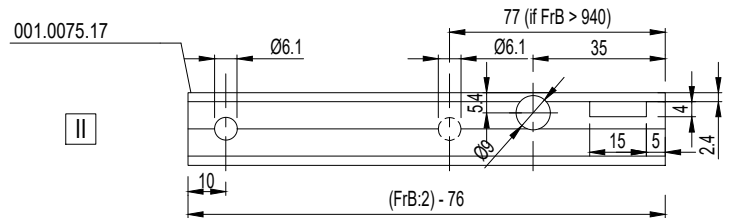
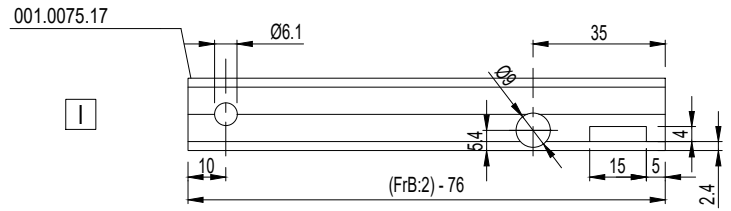
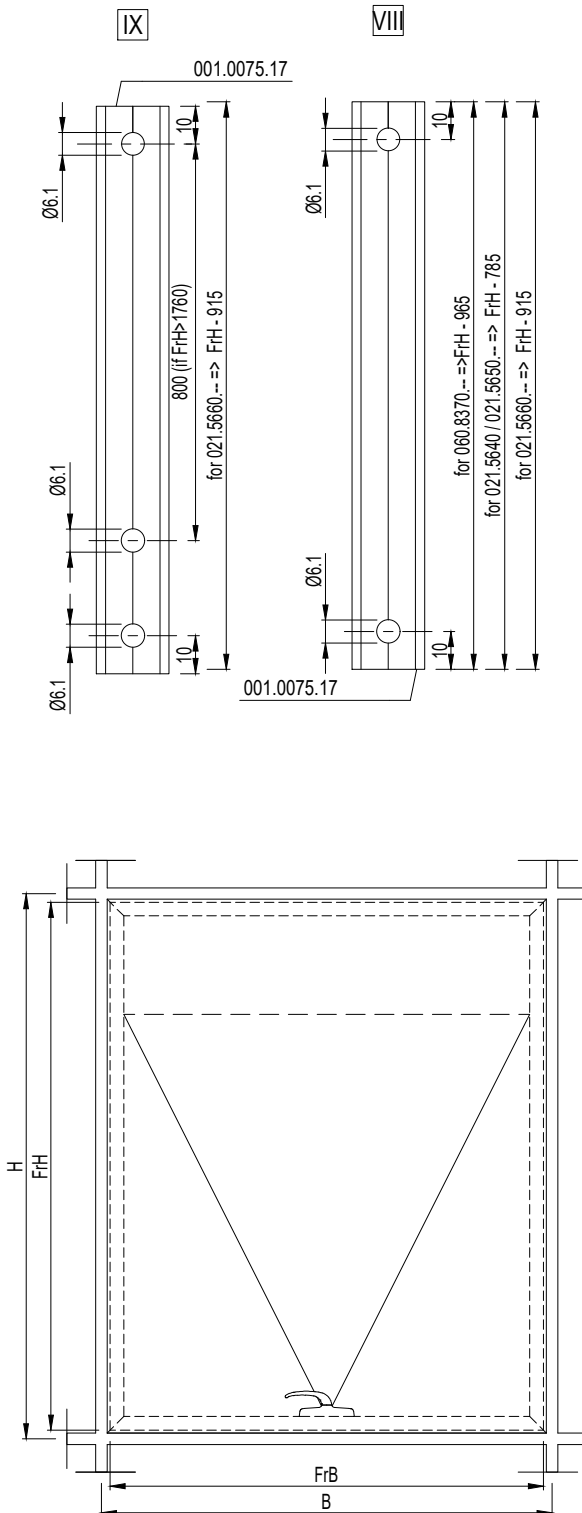


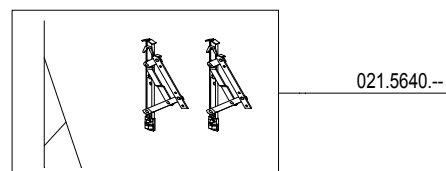
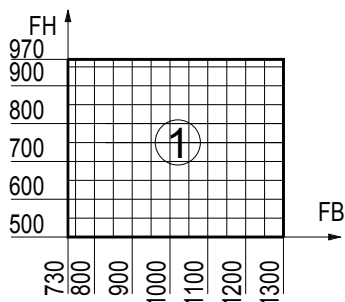




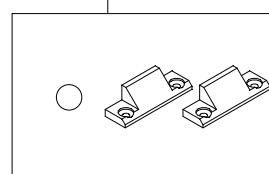
ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL



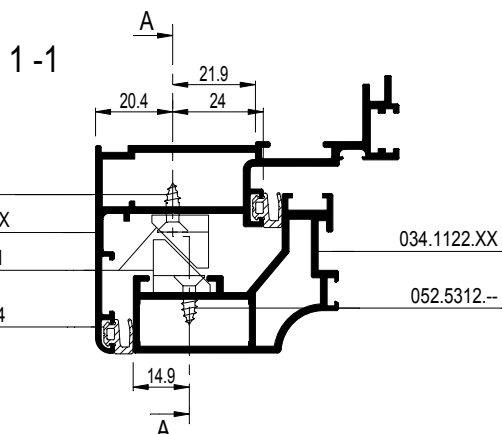




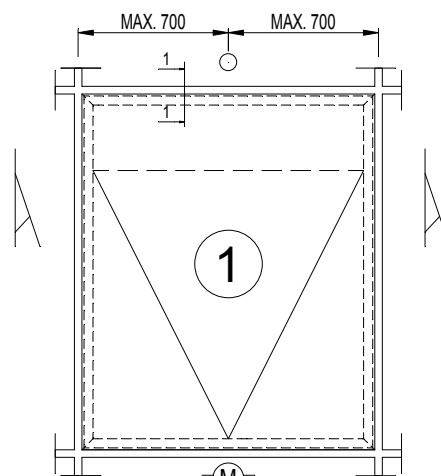
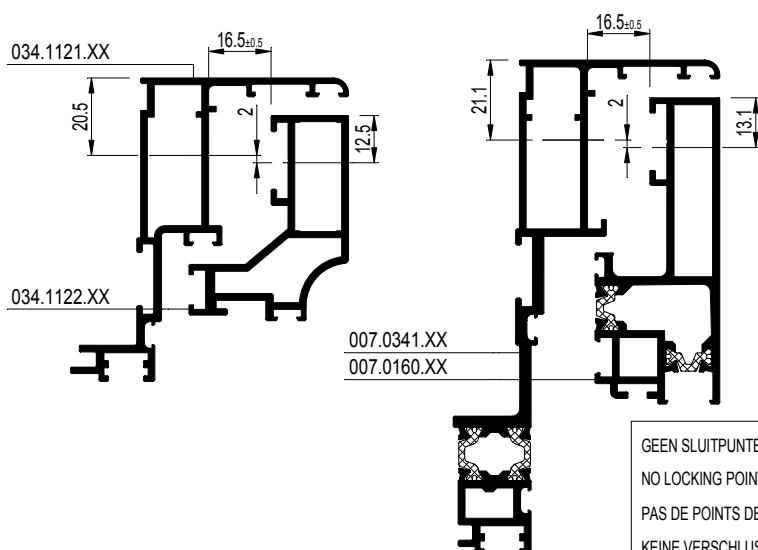
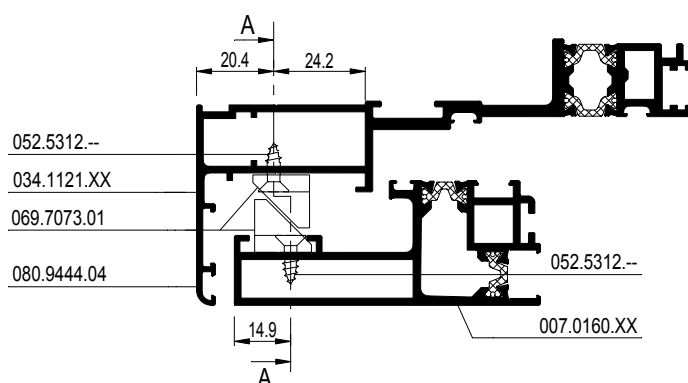
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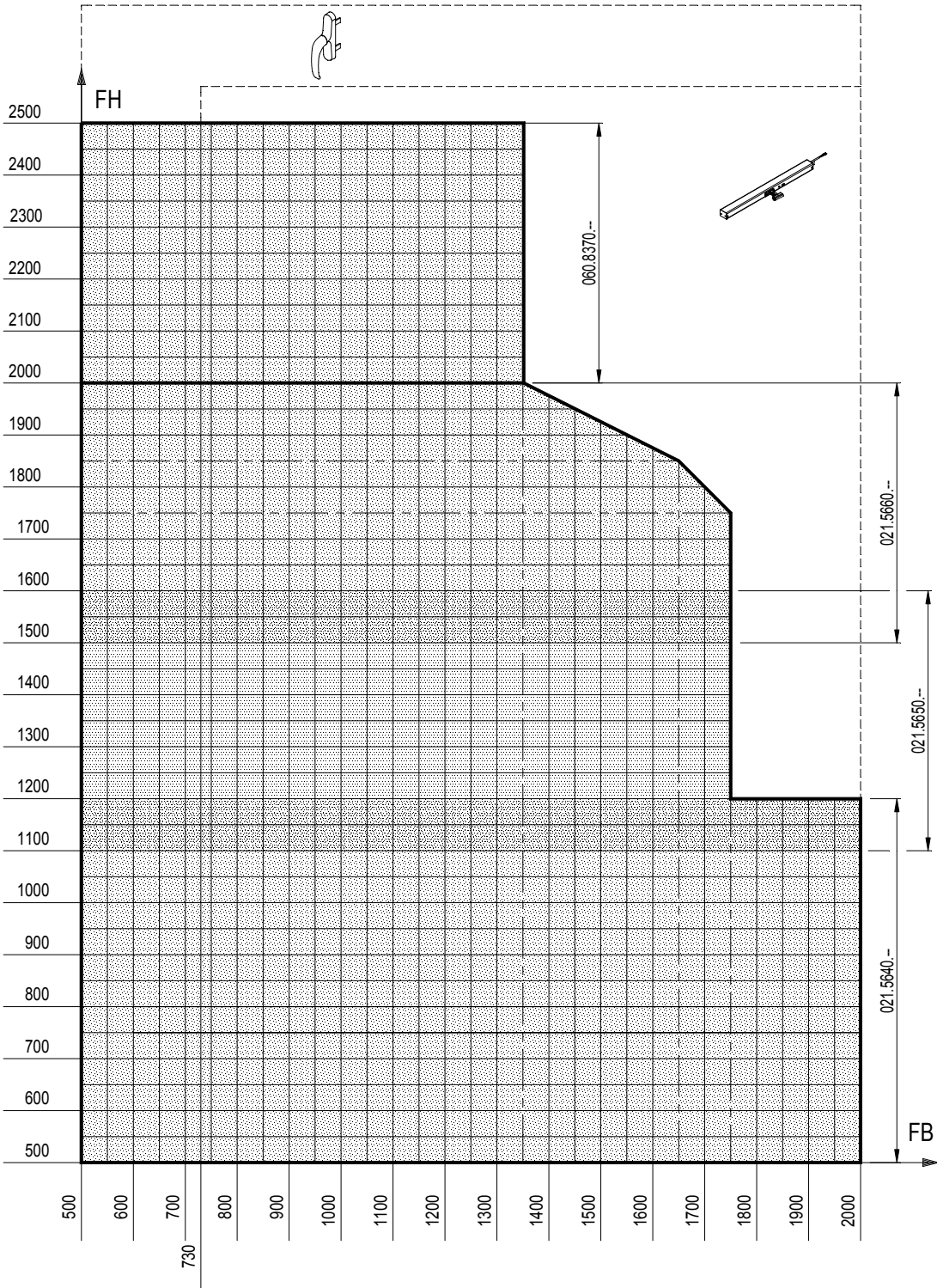
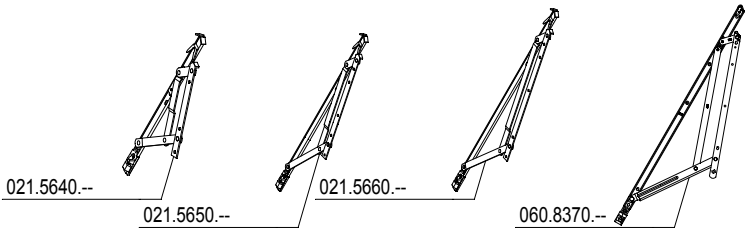
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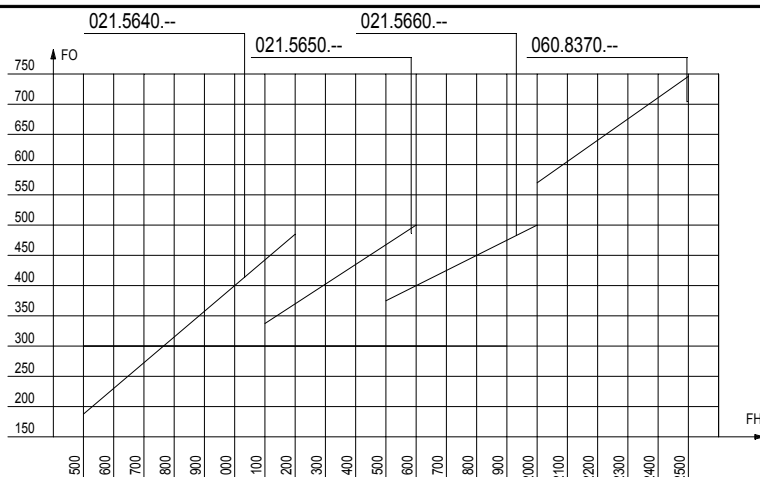


A - A

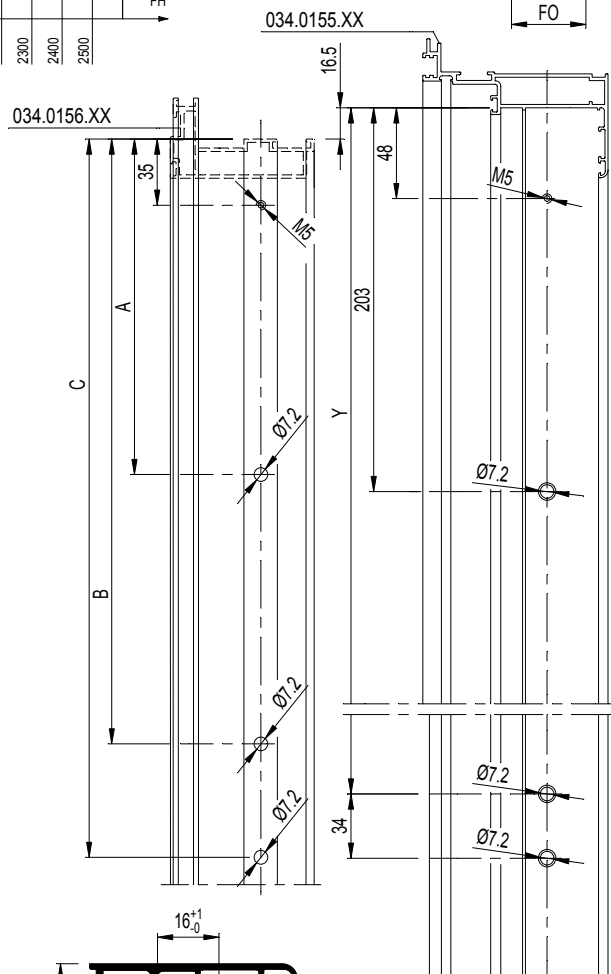
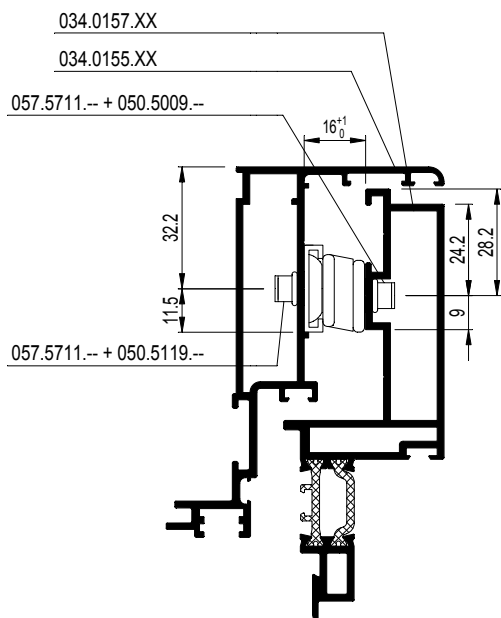
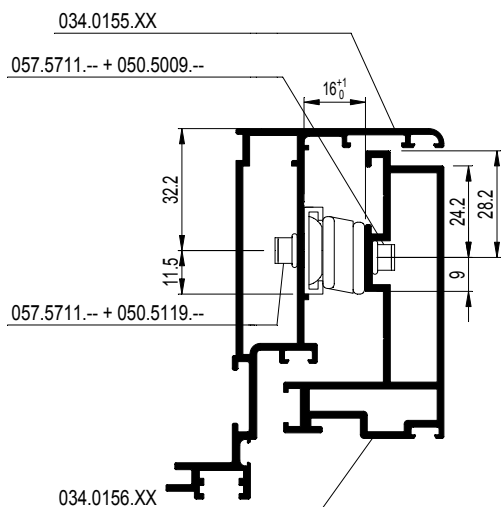


GEEN SLUITPUNTEN, ALLEEN MOTOR
 NO LOCKING POINTS, ONLY MOTOR
 PAS DE POINTS DE FERMETURE, SEUL MOTEUR
 KEINE VERSCHLUSSPUNKTEN, NUR MOTOR





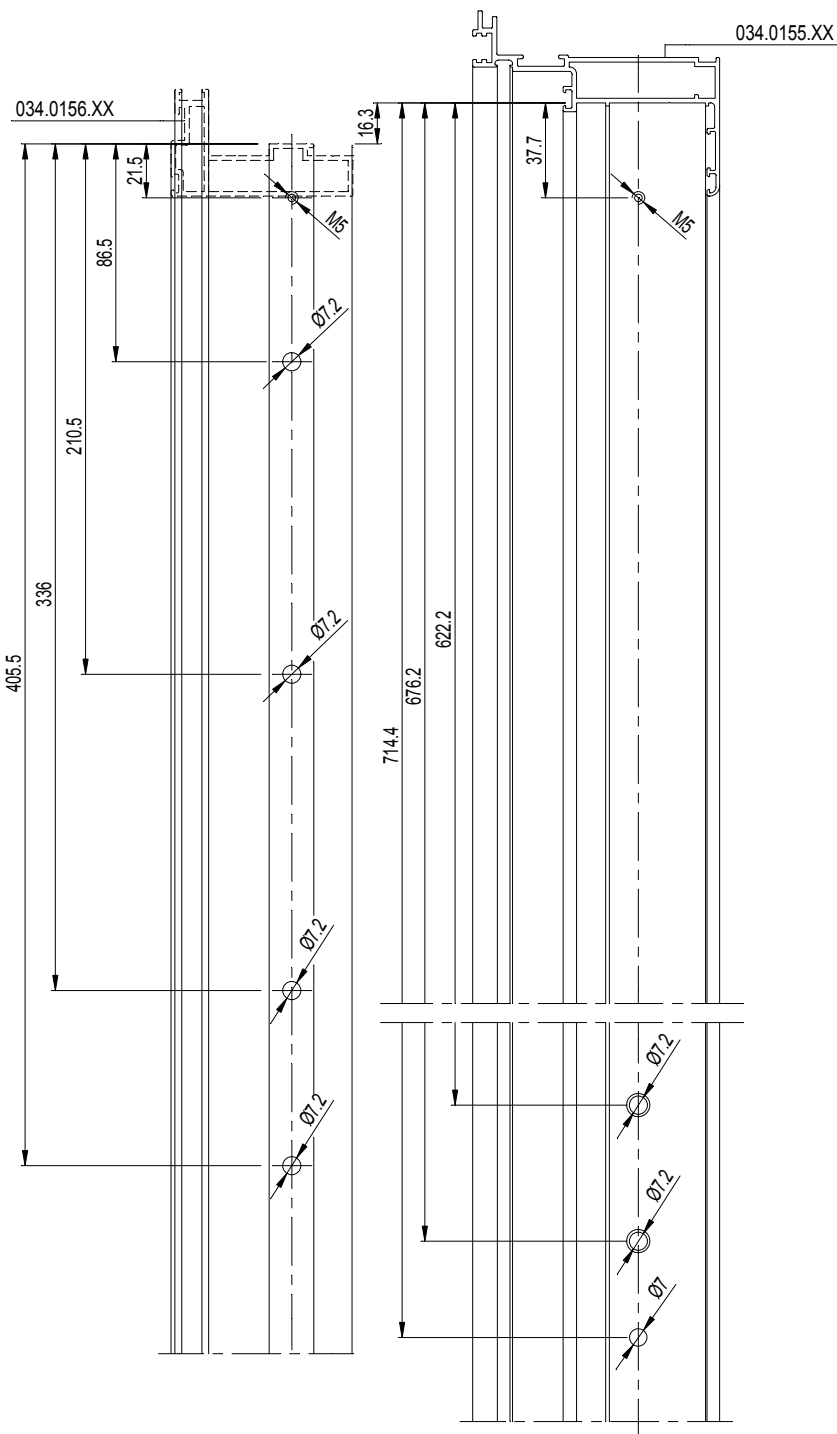
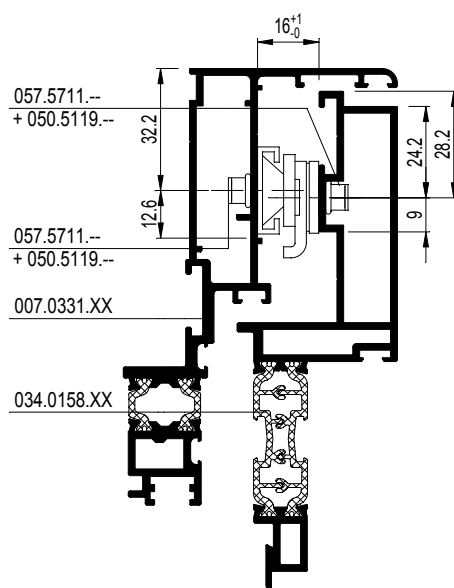
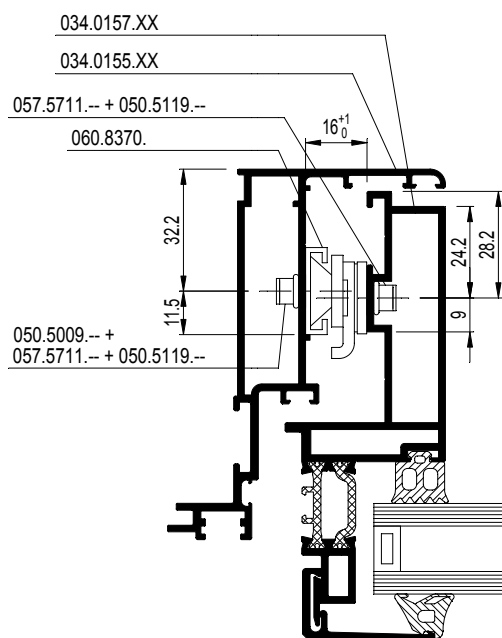
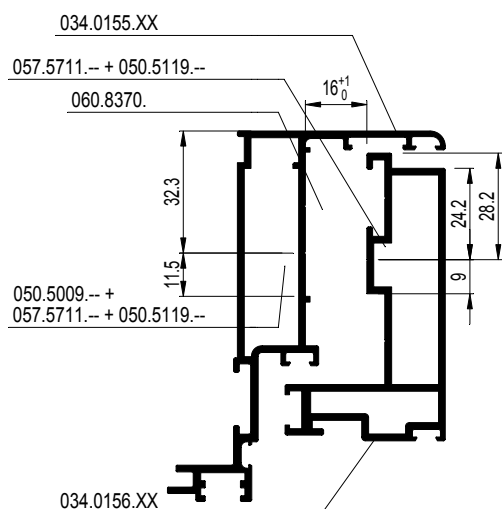
FO=Raamopening onderaan
 FO=Ouverture pour fenêtre en bas
 FO=Window opening below
 FO= Fensteröffnung an der Unterseite



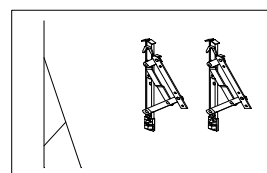
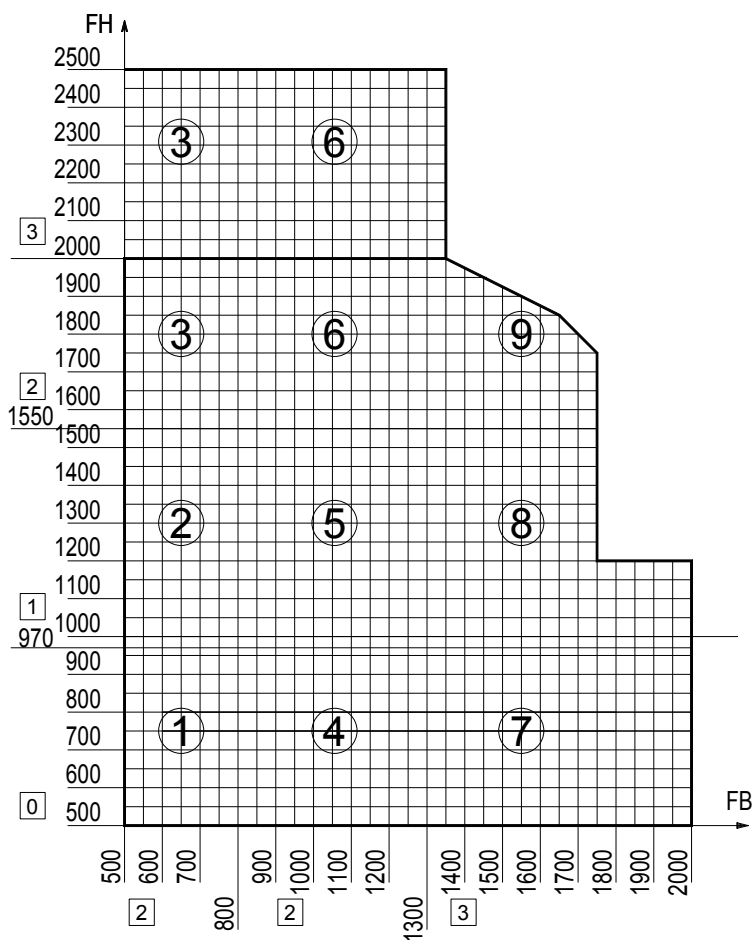
	Y(MM)	C(MM)	B(MM)	A(MM)	FG MAX
021.5640.--	363	190	140	-	80 KG
021.5650.--	494	280	220	127.5	105 KG
021.5660.--	624	380	320	177.5	130 KG

ETAG
 002

D0069672



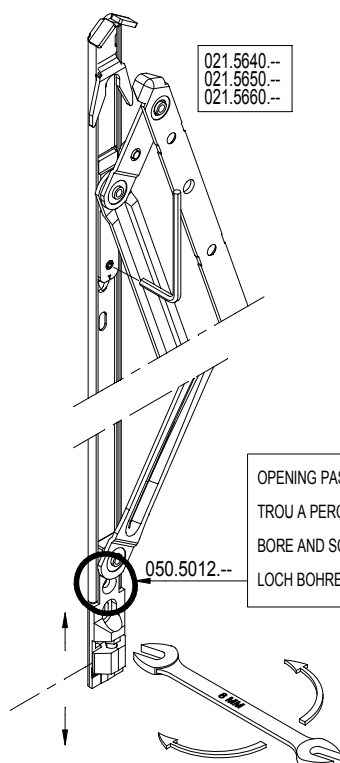
	FG MAX
060.8370.--	180 KG



021.5640.--
 021.5650.--
 021.5660.--
 060.8370.--

AANTAL SLUITPUNTEN
 NOMBRE DE POINTS DE VERROUILLAGE
 NUMBER OF LOCKING POINTS
 ANZAHL DER SCHLIESSPUNKTE

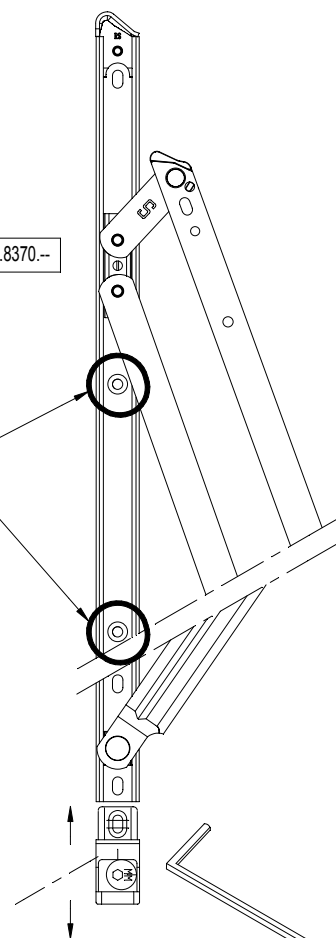
0 1 2 3



OPENING PAS BOREN EN SCHROEVEN NA AFSTELLEN VAN DE SCHAAR
 TROU A PERCER ET A VISSER APRES RÉGLAGE DU COMPAS
 BORE AND SCREW THE OPENING ONLY AFTER ADJUSTMENT OF FRICTION STAYS
 LOCH BOHREN UND SCHRAUBEN NUR NACH EINSTELLUNG DER AUSSTELLSCHERE

052.5344.--

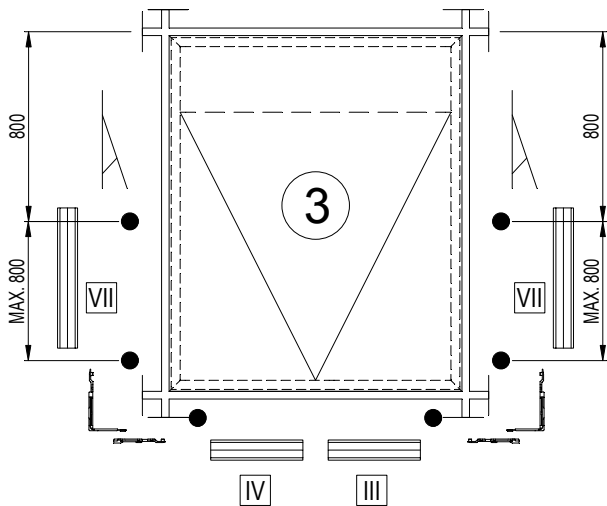
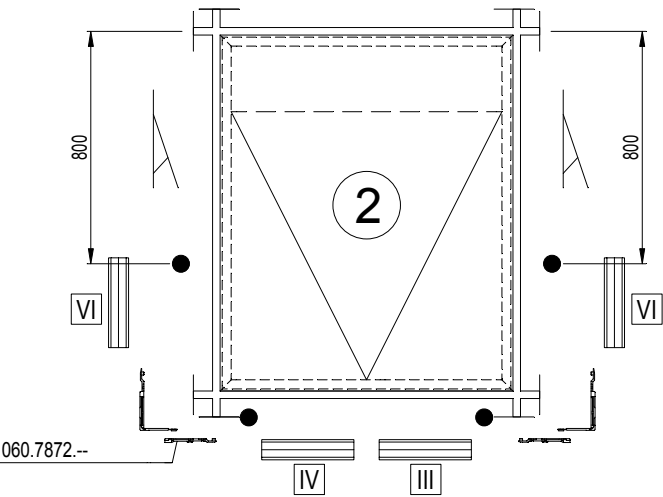
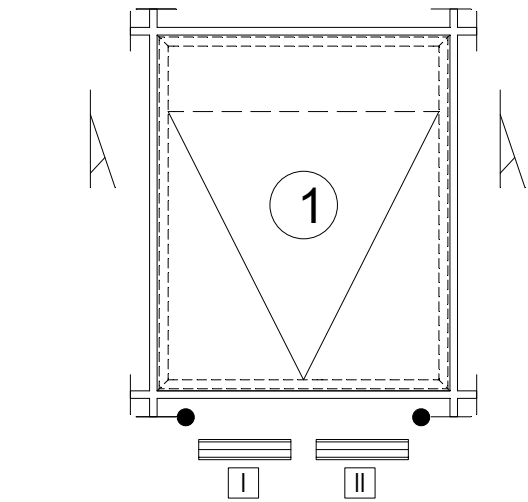
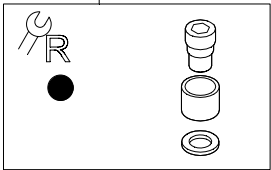
060.8370.--

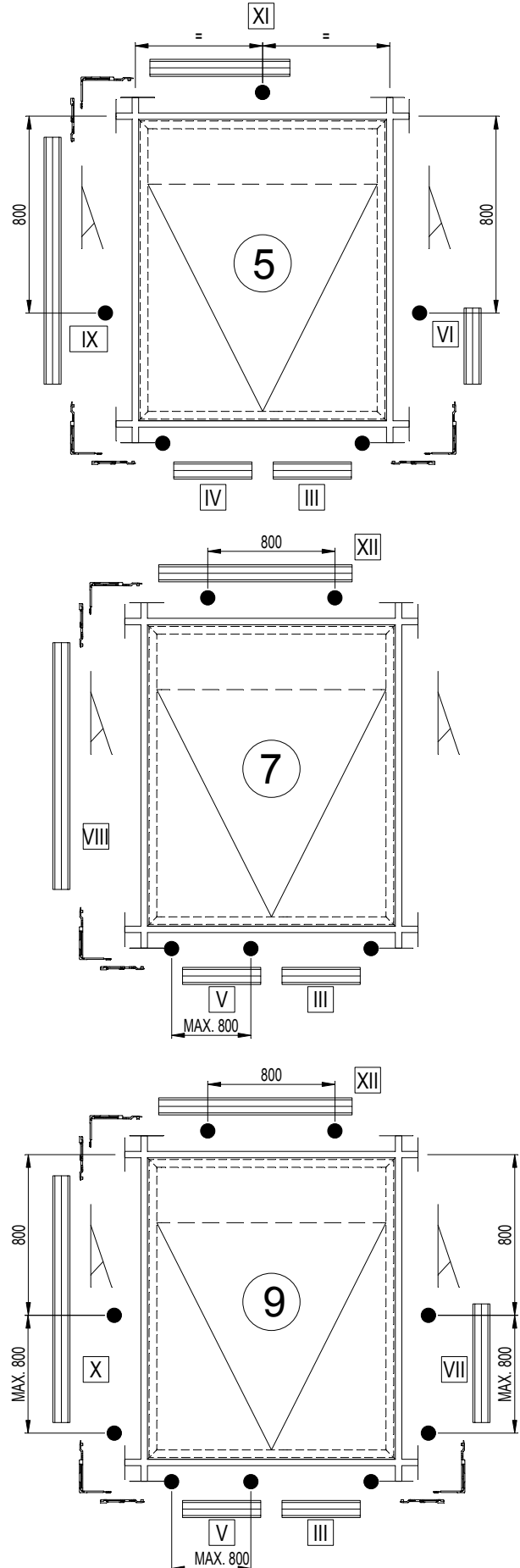
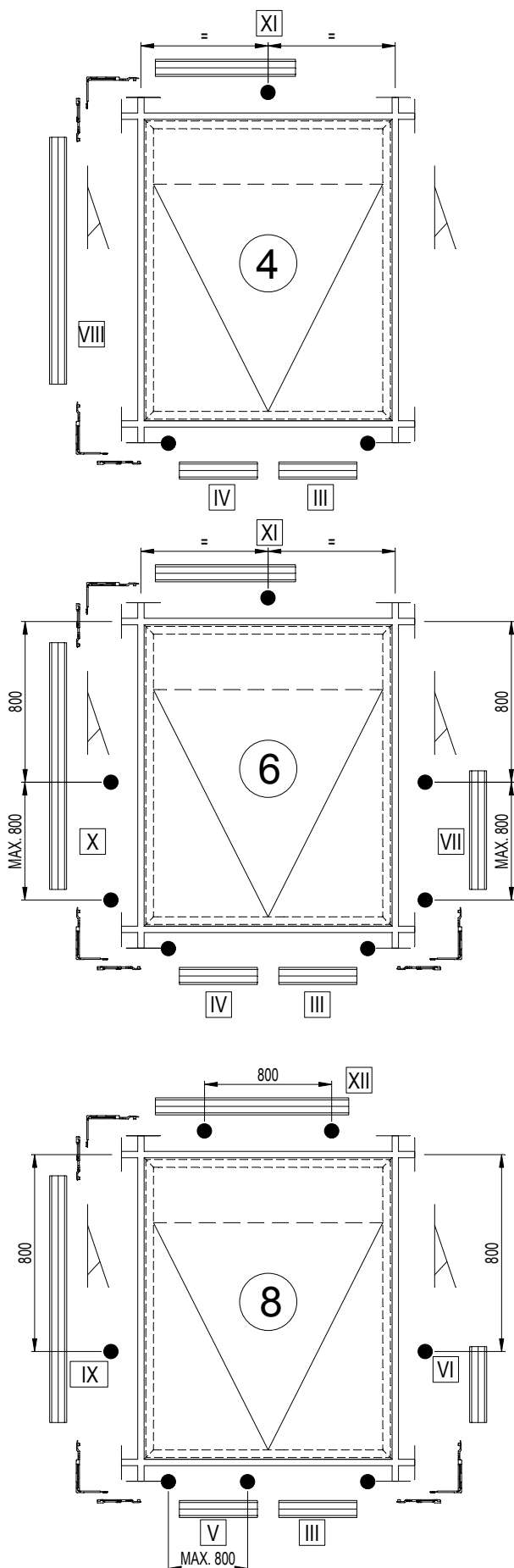


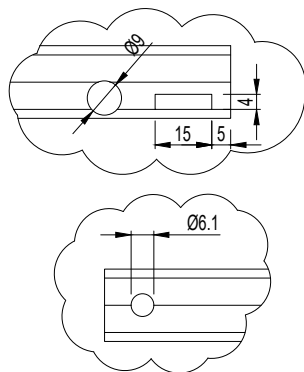
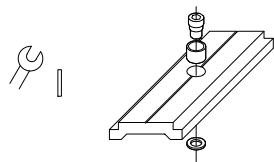
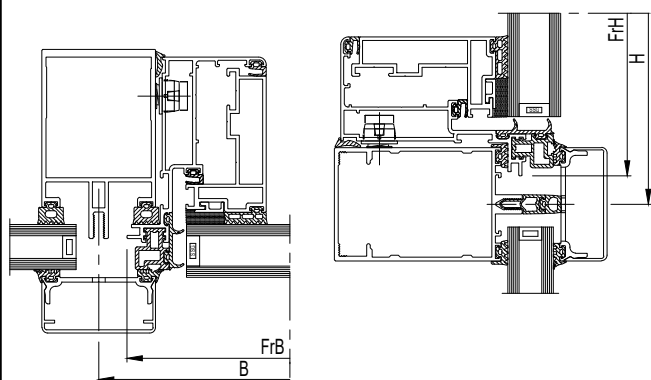
ETAG
 002

D0069643

060.7065.-



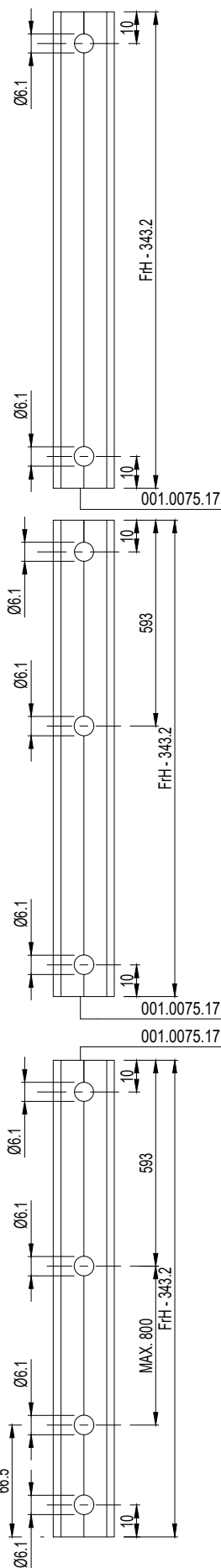




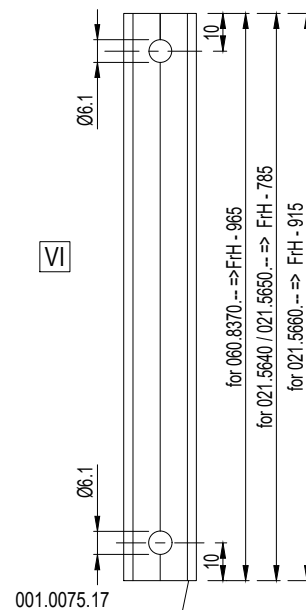
VIII

IX

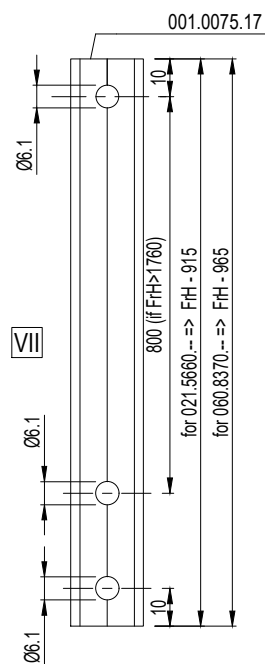
X



VI



VII

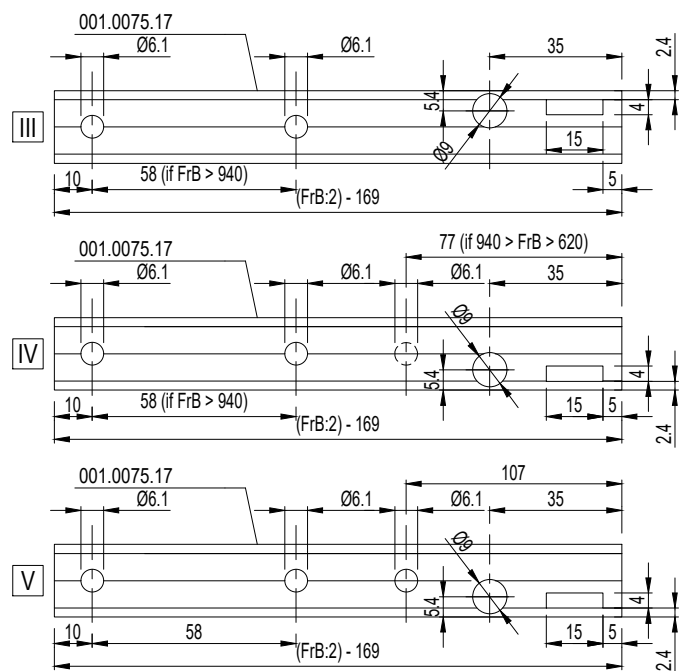
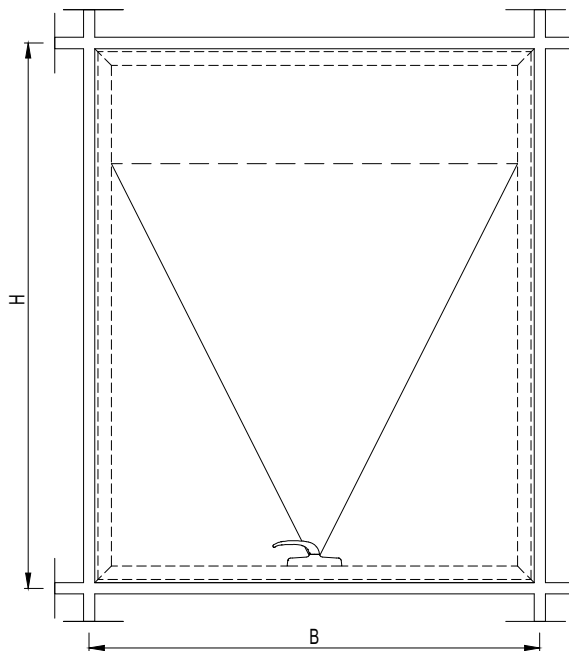
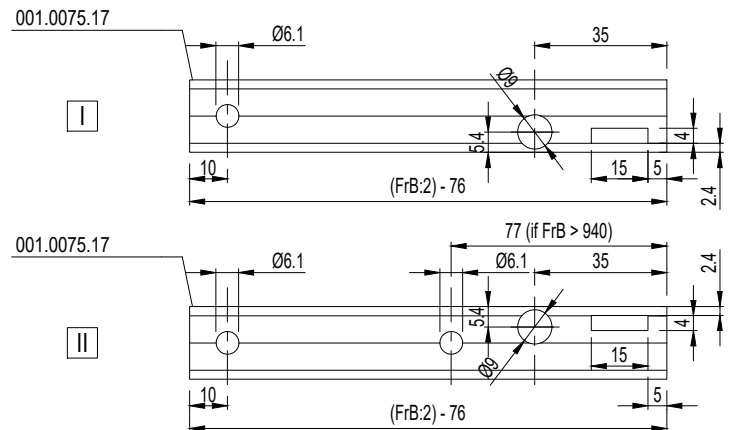
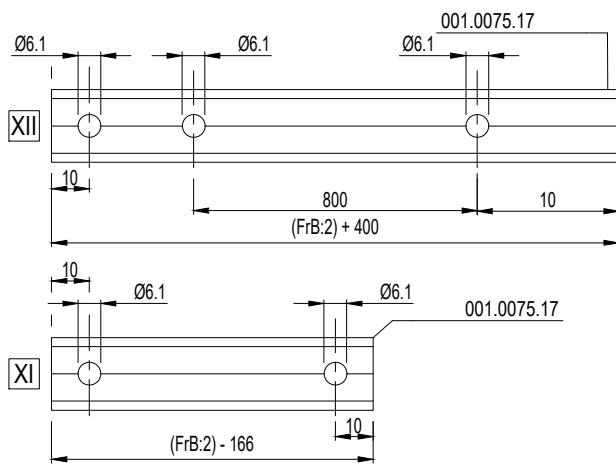


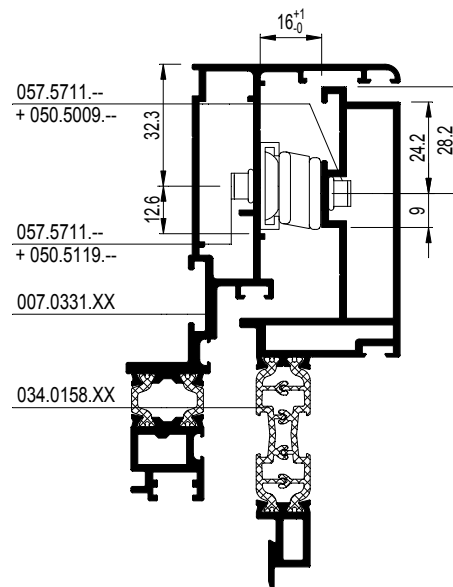
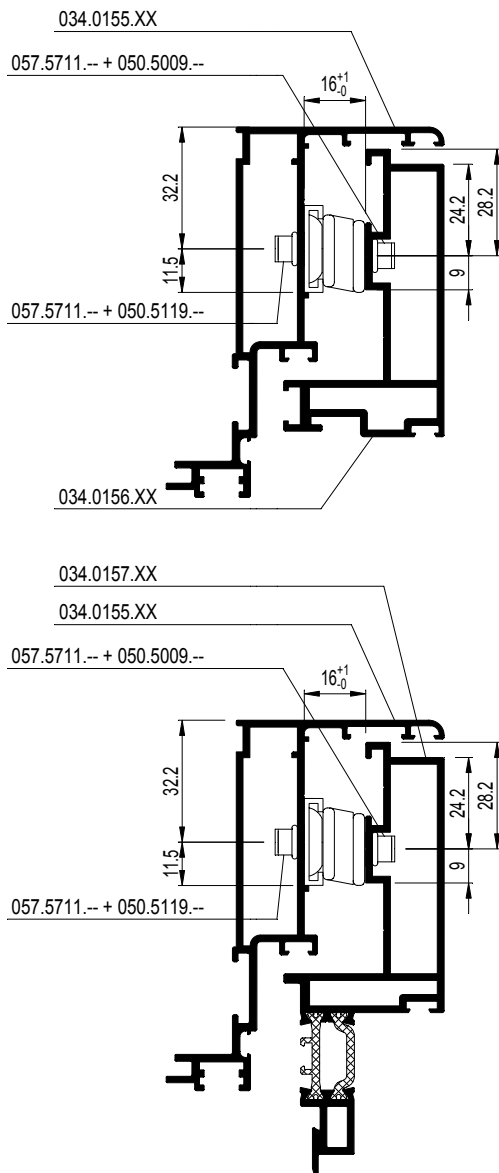
ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL

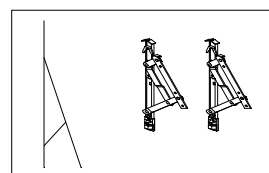
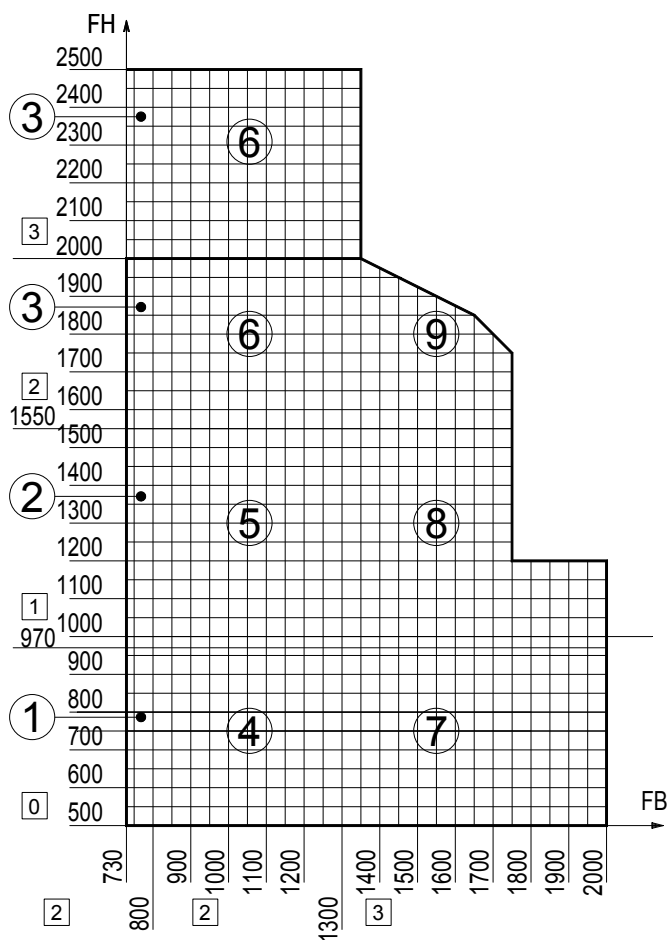


ETAG
 002

D008287



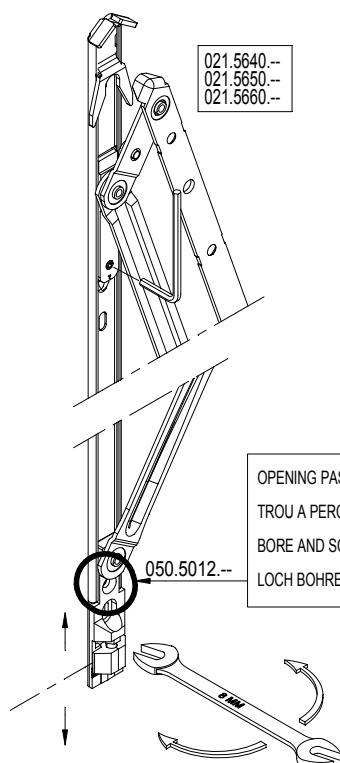




021.5640.--
 021.5650.--
 021.5660.--
 060.8370.--

AANTAL SLUITPUNTEN
 NOMBRE DE POINTS DE VERROUILLAGE
 NUMBER OF LOCKING POINTS
 ANZAHL DER SCHLIESSPUNKTE

0 1 2 3



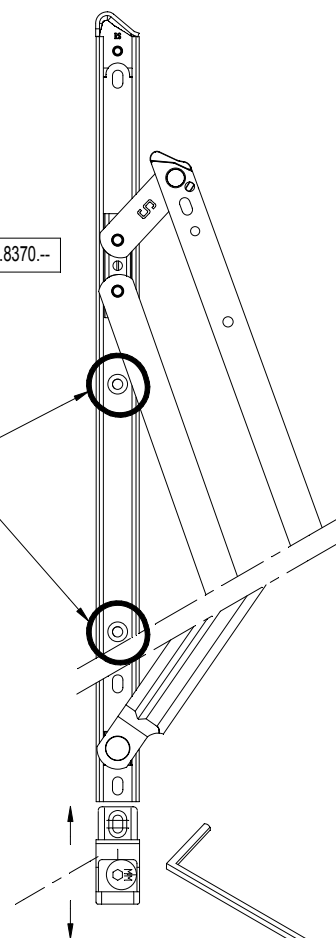
021.5640.--
 021.5650.--
 021.5660.--

050.5012.--

OPENING PAS BOREN EN SCHROEVEN NA AFSTELLEN VAN DE SCHAAR
 TROU A PERCER ET A VISSER APRES RÉGLAGE DU COMPAS
 BORE AND SCREW THE OPENING ONLY AFTER ADJUSTMENT OF FRICTION STAYS
 LOCH BOHREN UND SCHRAUBEN NUR NACH EINSTELLUNG DER AUSSTELLSCHERE

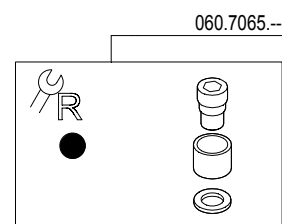
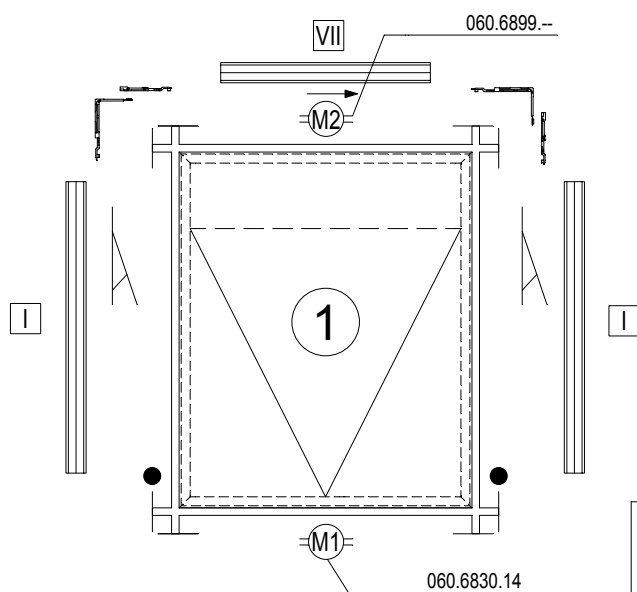
060.8370.--

052.5344.--

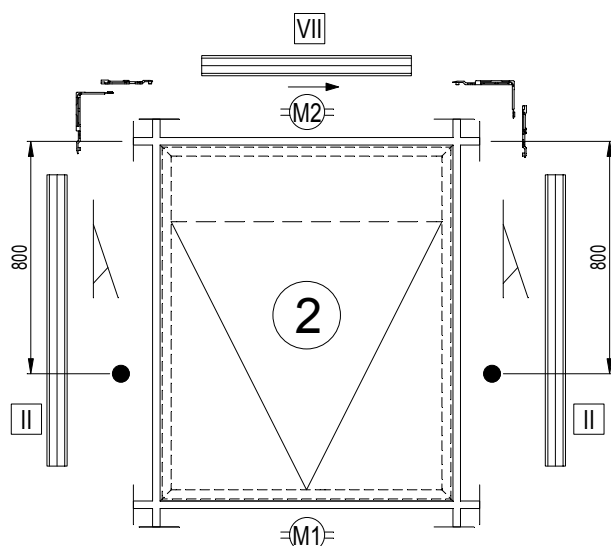


ETAG
 002

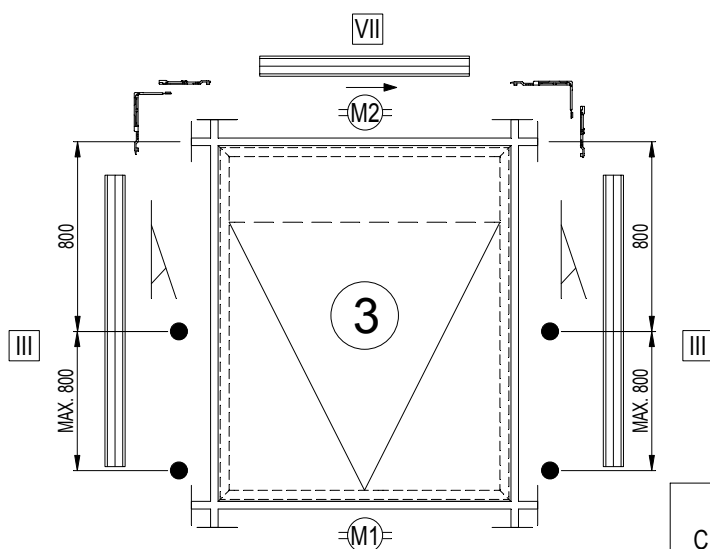
D0079627



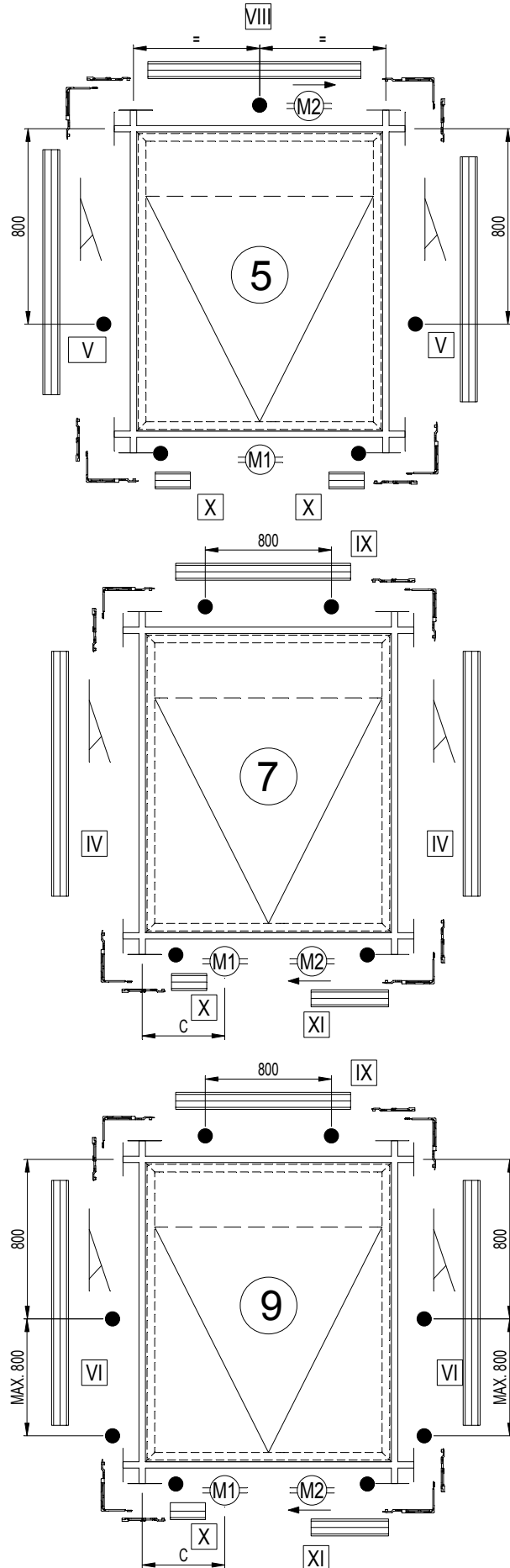
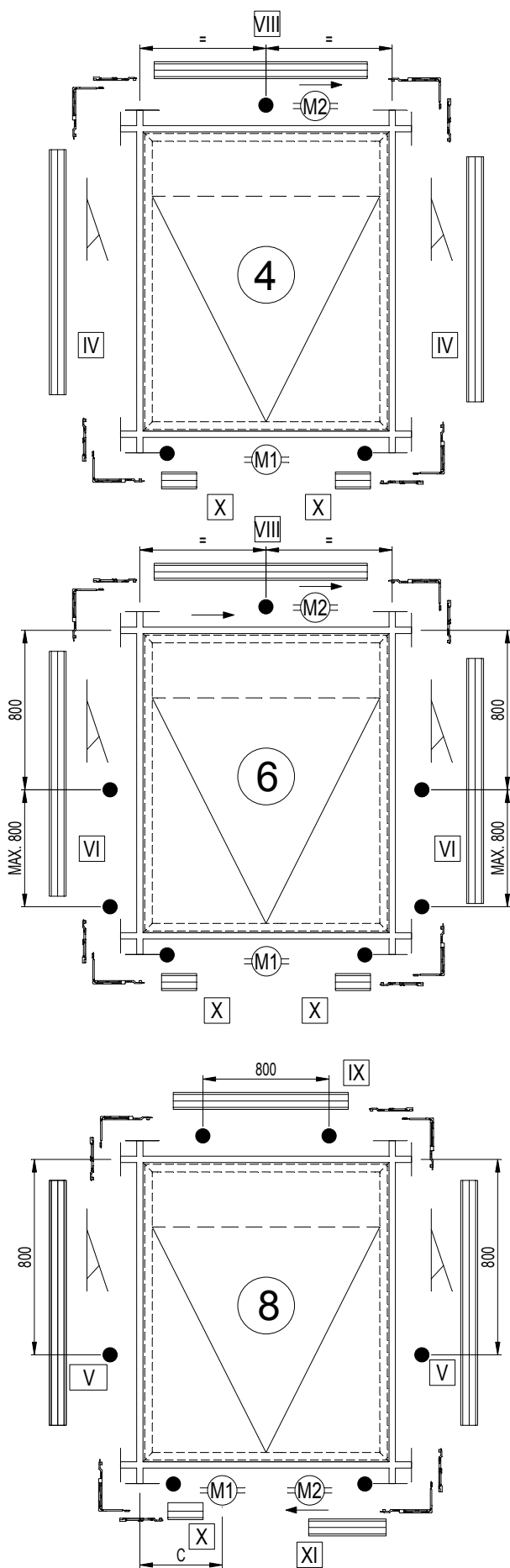
(M2) SLUITPUNT BEDIENINGSMOTOR - MOTEUR POUR LA
 COMMANDE DES POINTS DE FERMETURE - LOCKING
 POINT OPERATING MOTOR - VERRIEGELUNGSANTRIEB

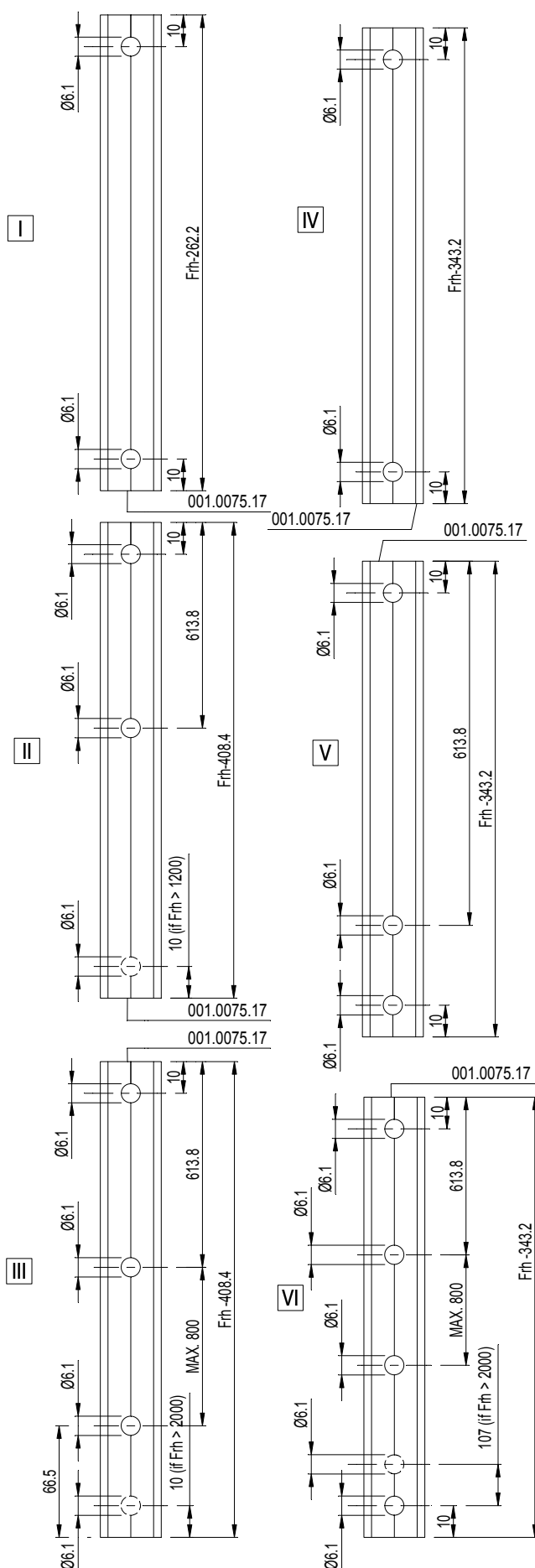
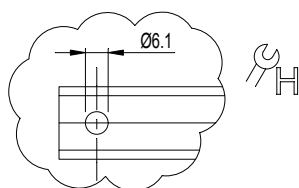
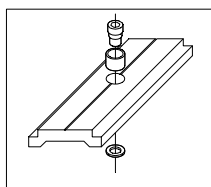
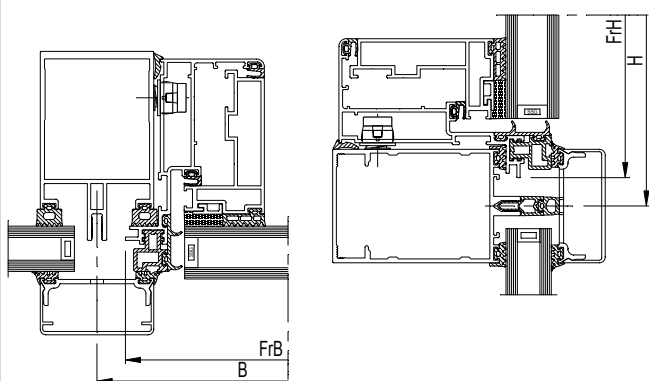


(M1) KETTINGMOTOR - MOTEUR DE CHAÎNE - CHAIN
 MOTOR - KETTENANTRIEB



C = HANGT AF VAN DE POSITIE VAN DE MOTOR
 DEPEND DE LA POSITION DU MOTEUR
 DEPENDS ON THE POSITION OF THE MOTOR
 HANGT AB VON DER POSITION DER MOTOR

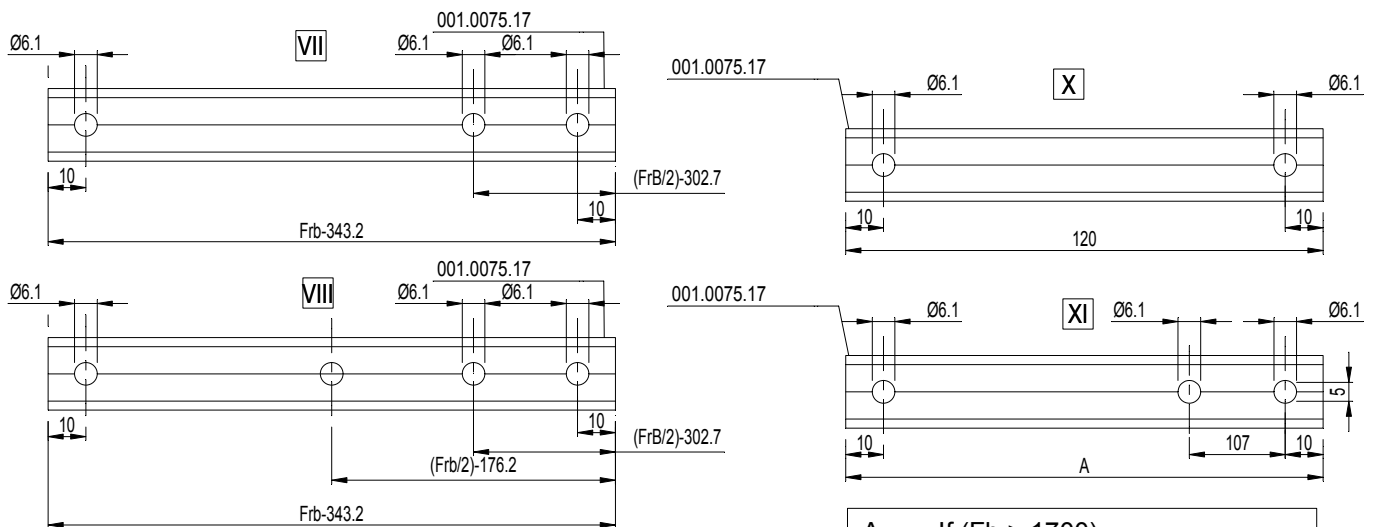




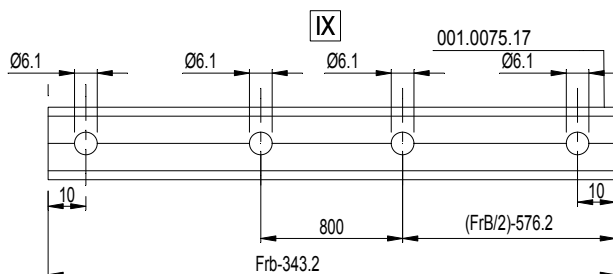
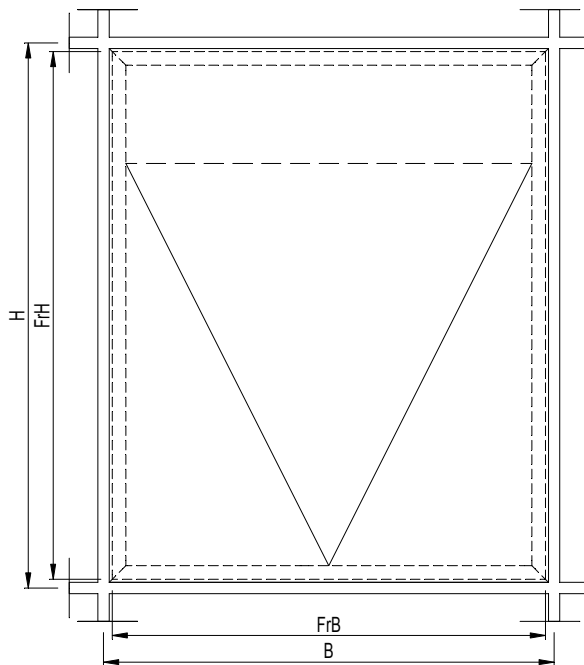
ZIE OVERZICHT TABEL
VOIR APERCU TABLEAU
SEE OVERVIEW TABLE
SIEHE UEBERSICHT TABELL

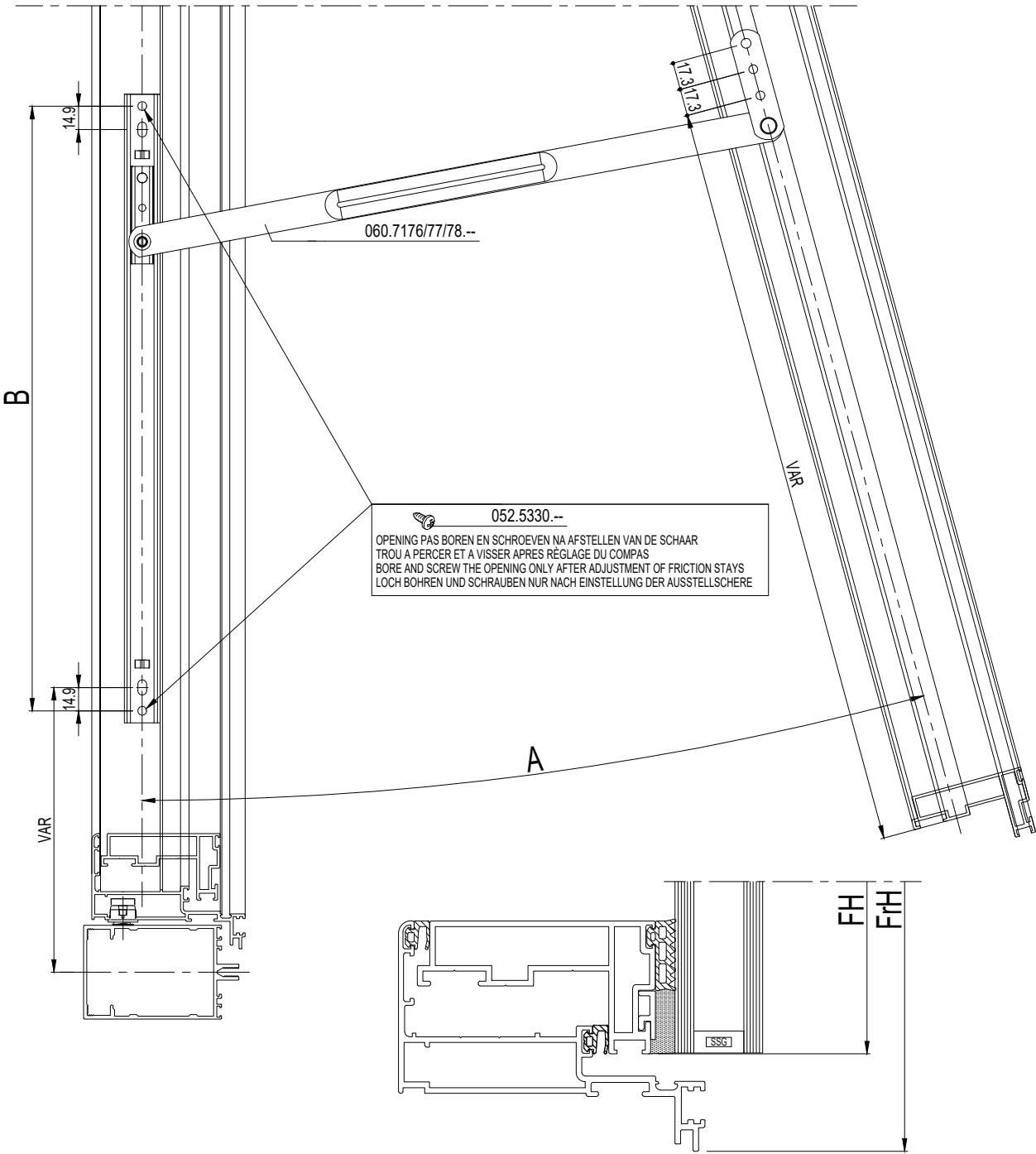
ETAG
002

D0082888



A= If (Fb > 1700)
 Frb/2- (456,6 + 167)
 If (Fb < 1700)
 Frb - (167+456,6+(Frb-880,6))



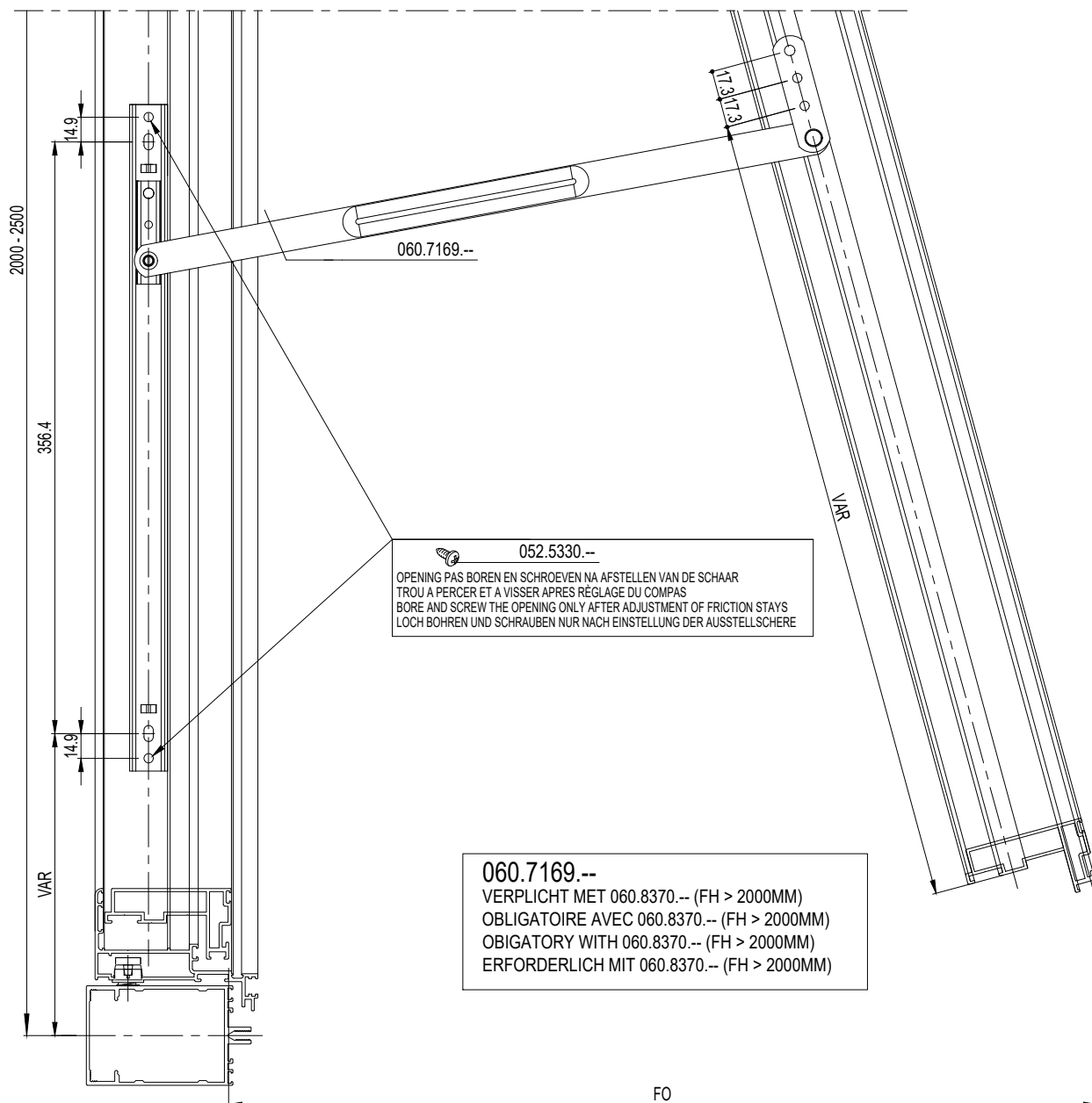


	B	021.5640.--		021.5650.--		021.5660.--		060.8370.--	
		FrH MIN.	MAX. A	FrH MIN.	MAX. A	FrH MIN.	MAX. A	FrH MIN.	MAX. A
060.7176.--	298	910	14°	1017	10°	1148	9°	1229	8°
060.7177.--	350	1061	20°	1168	18°	1299	15°	1380	16°
060.7178.--	440	1160	25°	1267	18°	1398	15°	1479	20°

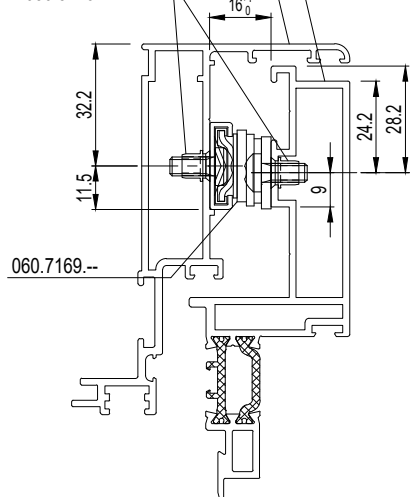
060.7176/77/78.--

VERPLICHT MET 060.8370.-- (FH > 2000MM)
OBLIGATOIRE AVEC 060.8370.-- (FH > 2000MM)
OBLIGATORY WITH 060.8370.-- (FH > 2000MM)
ERFORDERLICH MIT 060.8370.-- (FH > 2000MM)

D0091635

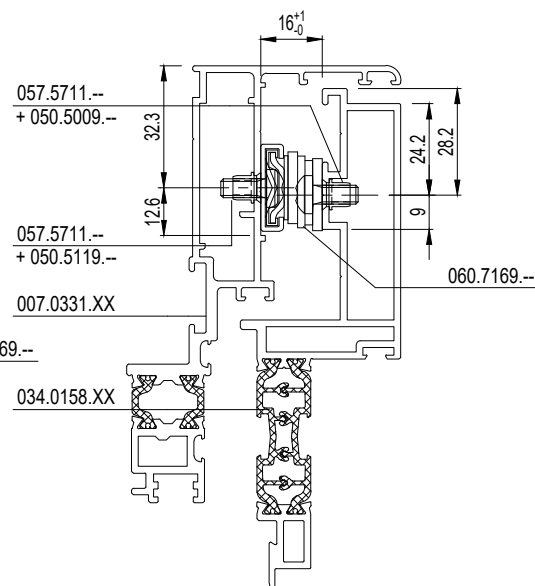
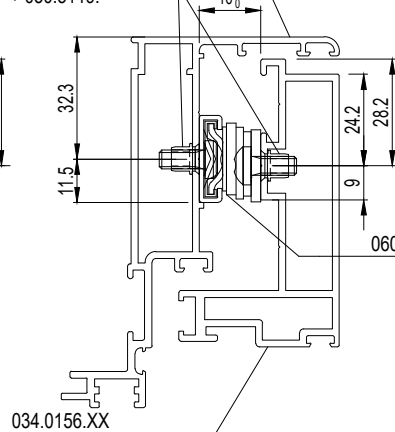


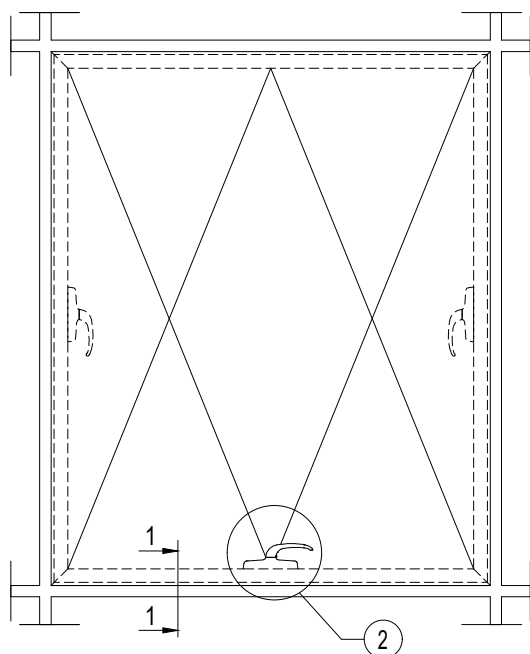
034.0157.XX
 034.0155.XX
 057.5711.--
 + 050.5119.--



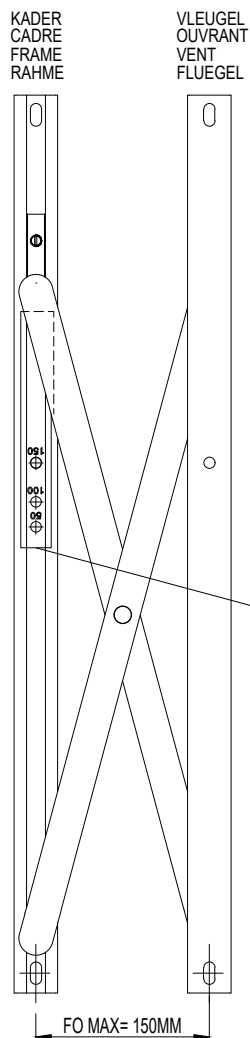
034.0155.XX

057.5711.--
 + 050.5119.--





FO=Raamopening
 FO=Ouverture pour fenêtre
 FO=Window opening
 FO=Fensteröffnung



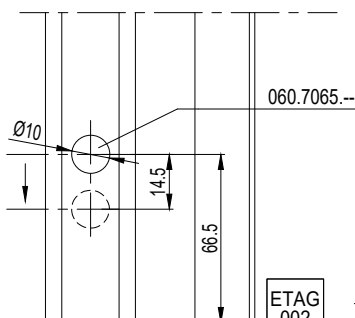
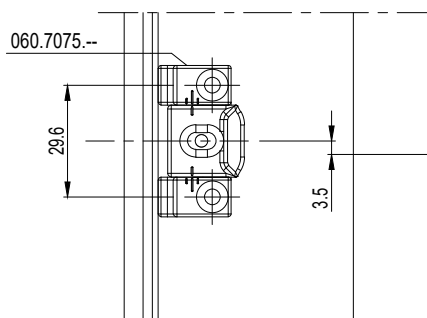
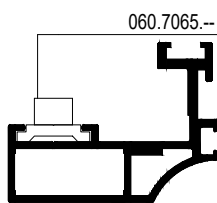
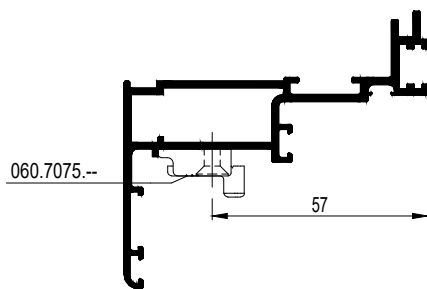
ANTI-TAMPER DEVICES

KADER
 CADRE
 FRAME
 RAHME

VLEUGEL
 OUVRANT
 VENT
 FLUEGEL

060.8366.--

060.8366.--



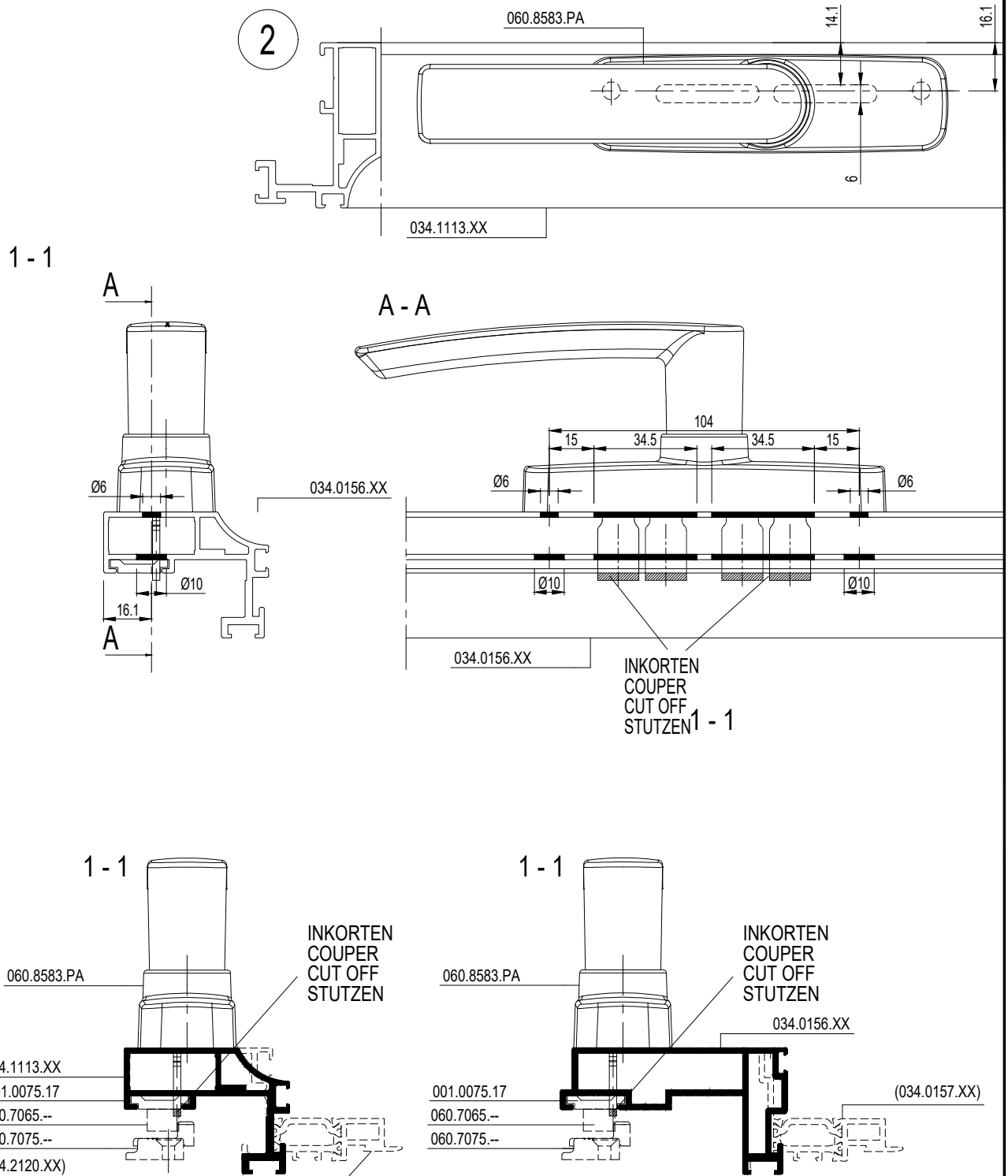
VERSTELBAAR
 REGLABLE
 ADJUSTABLE
 VERSTELLBAR

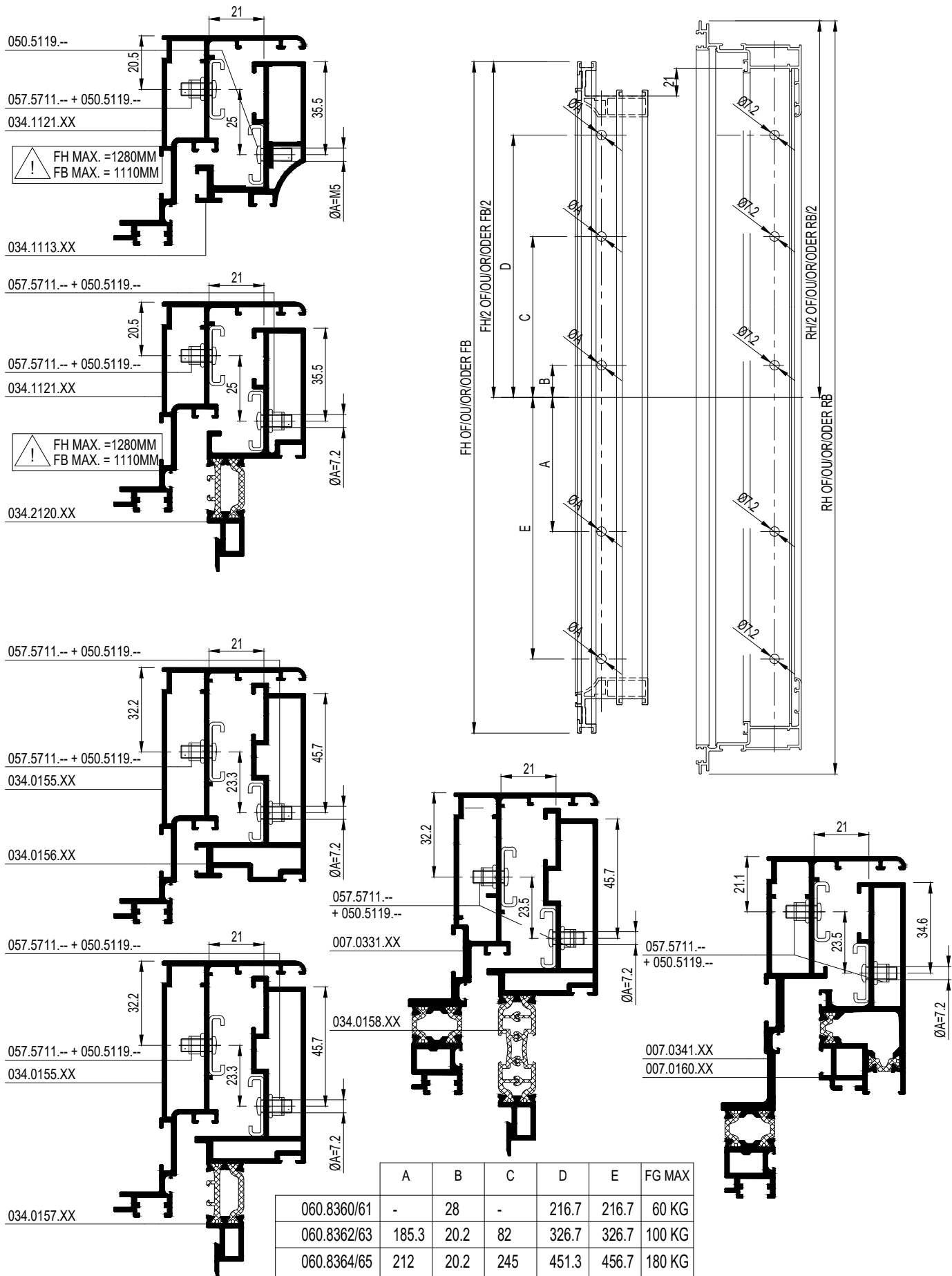
KADER
 CADRE
 FRAME
 RAHME

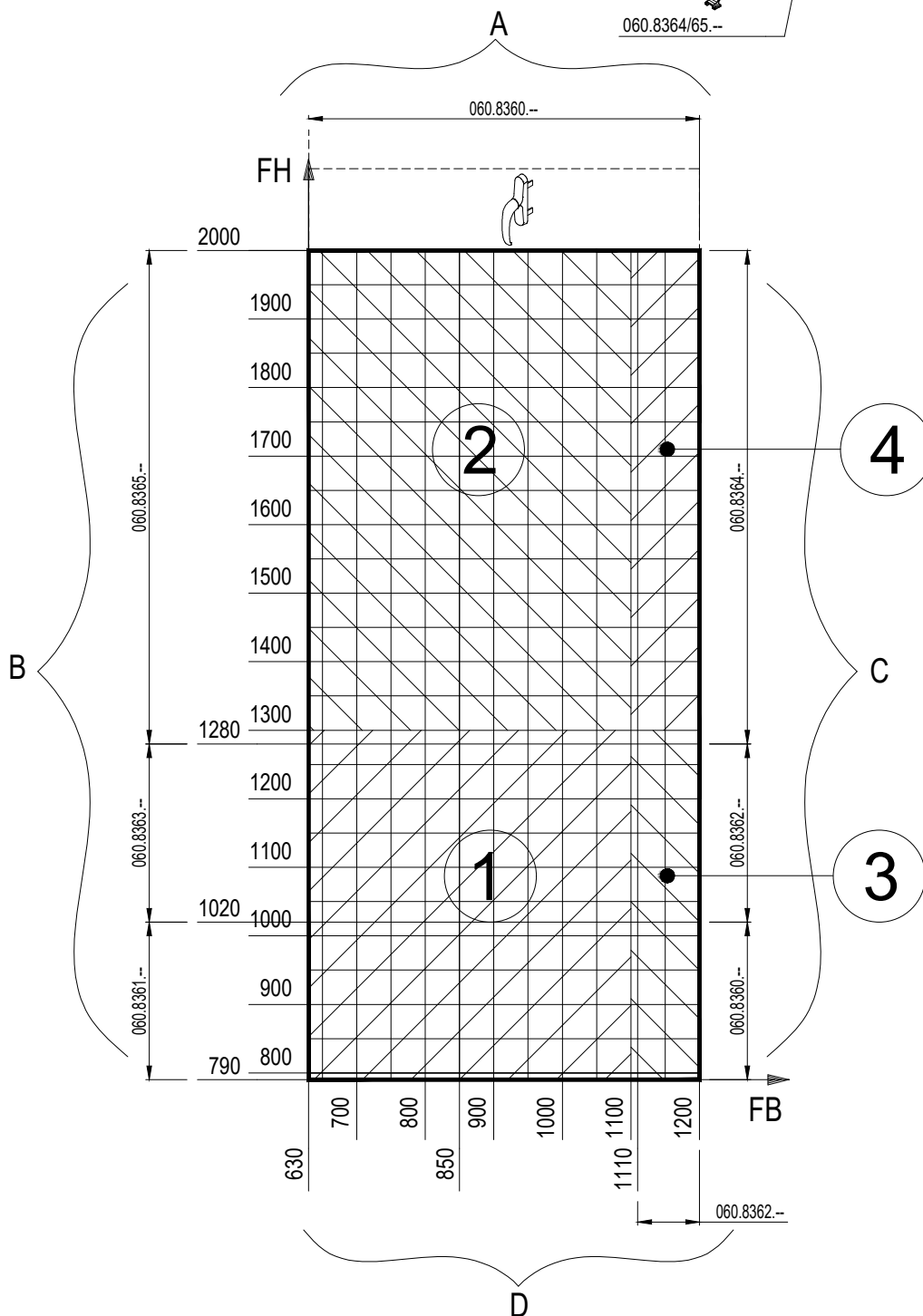
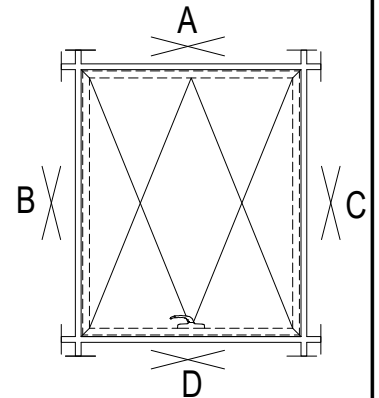
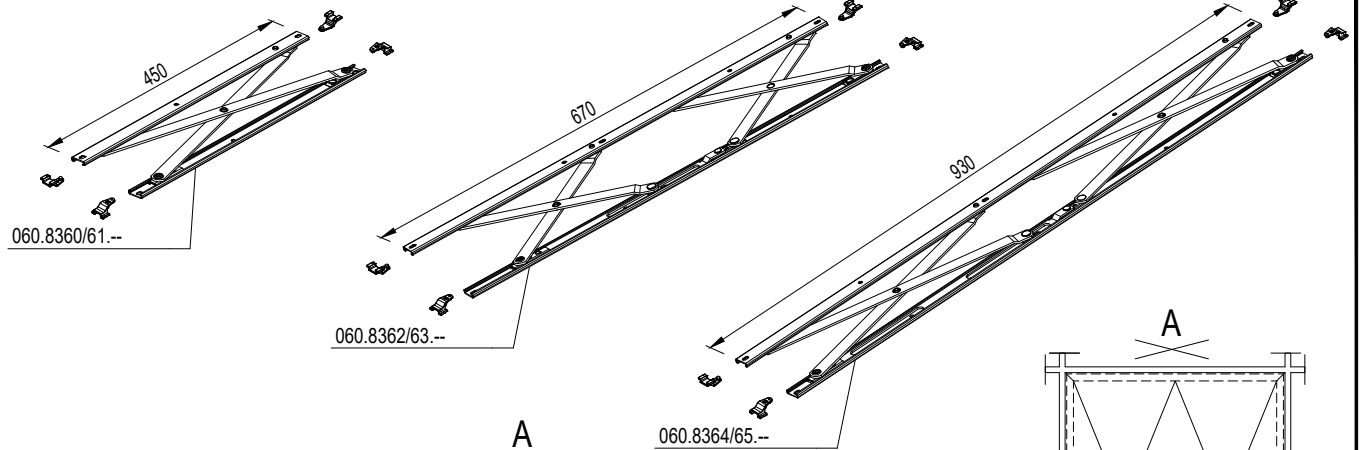
VLEUGEL
 OUVRANT
 VENT
 FLUEGEL

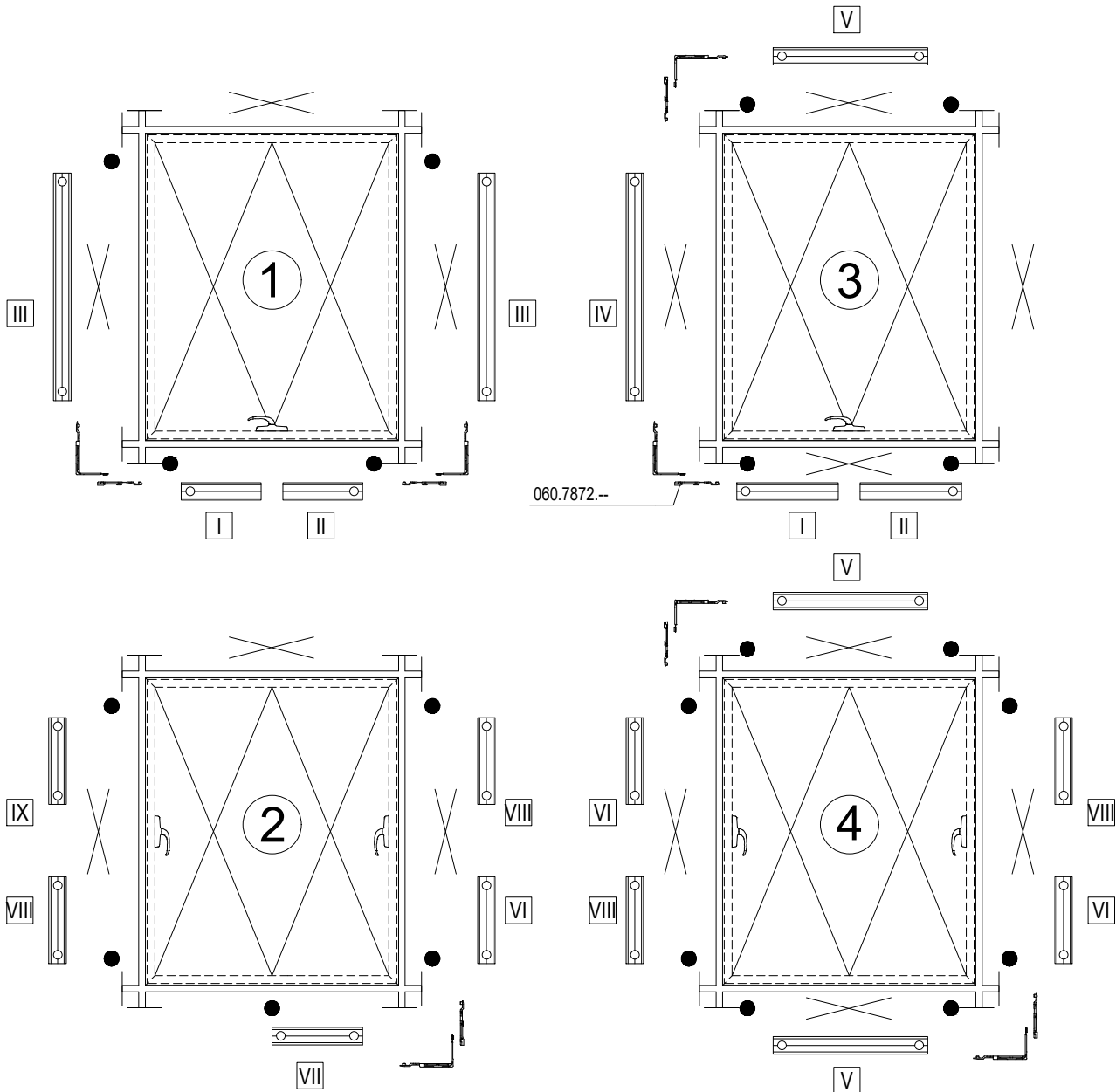
ANTI-TAMPER DEVICES

D0048776





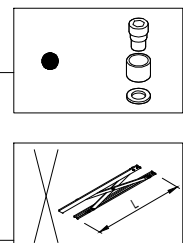
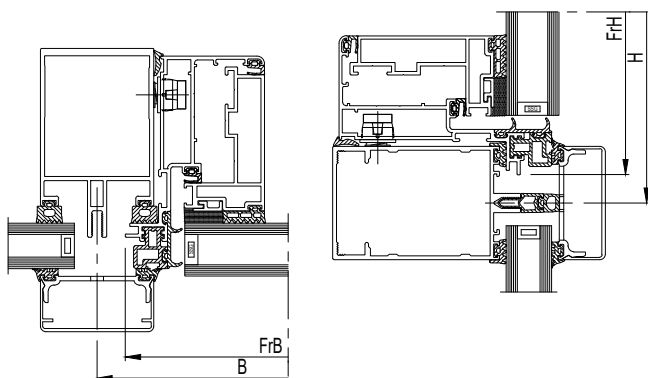


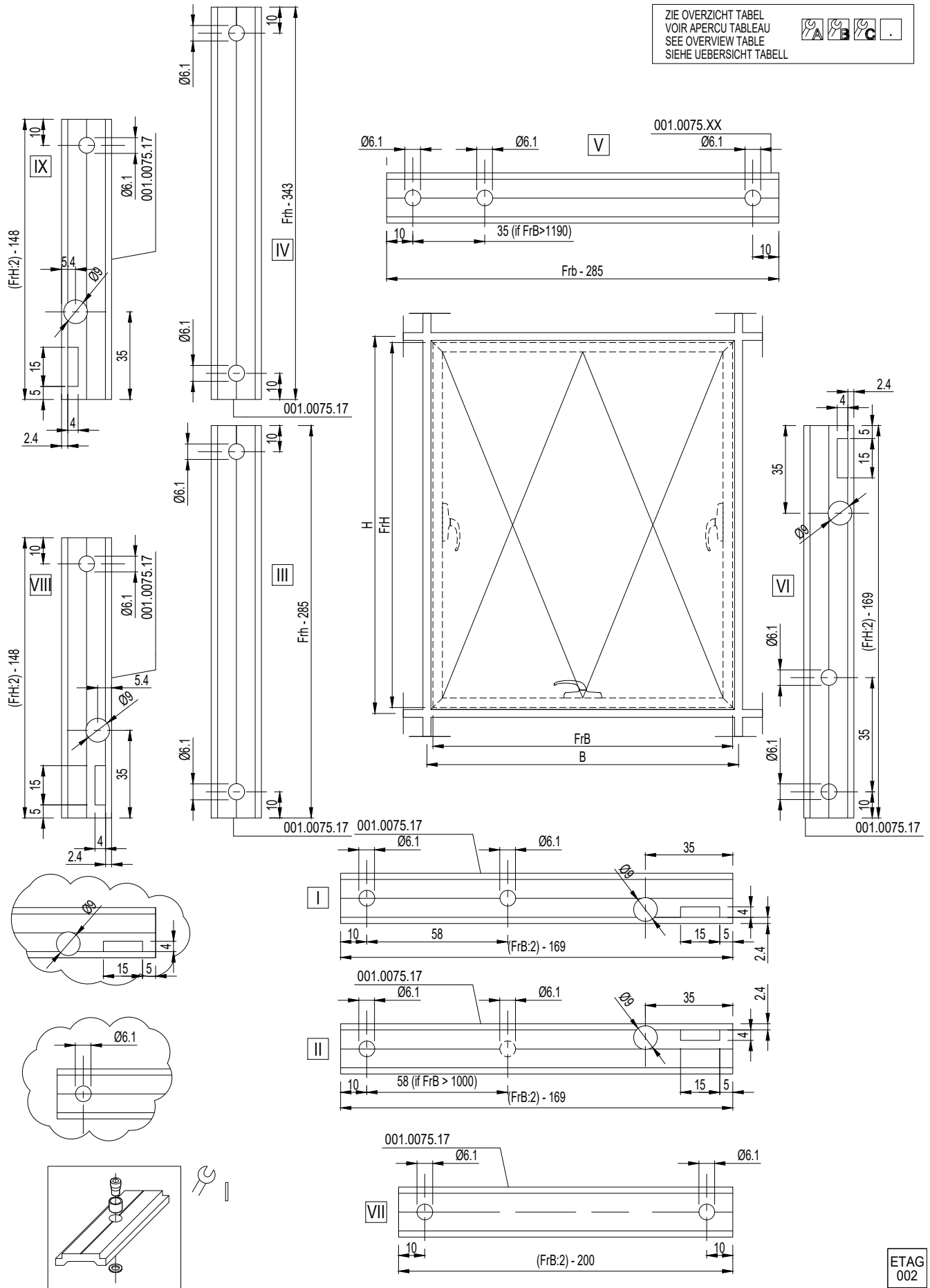


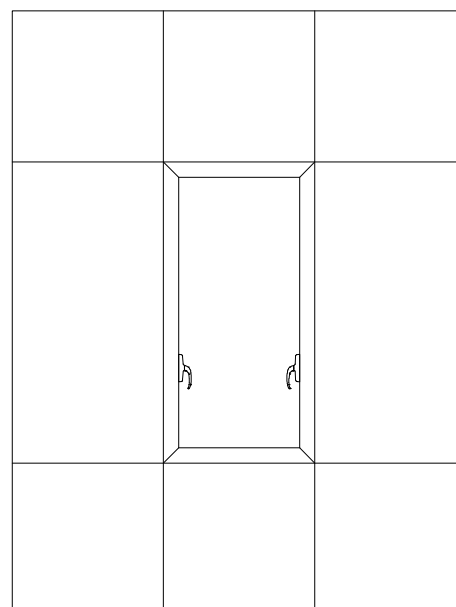
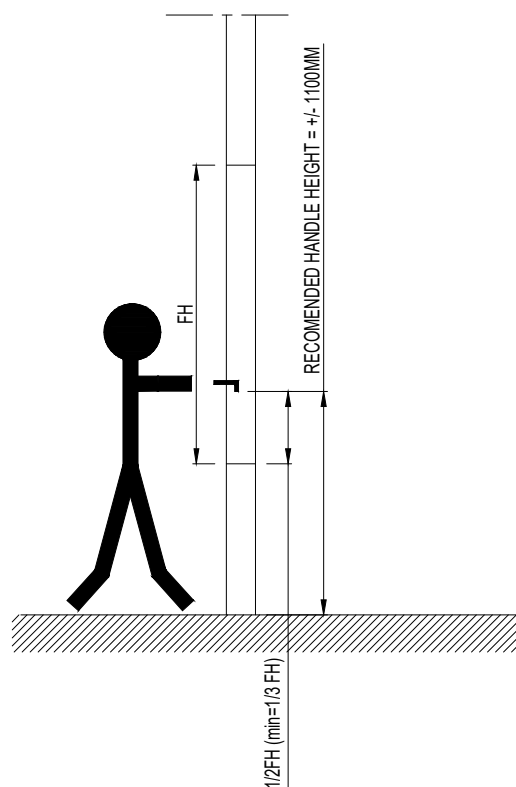
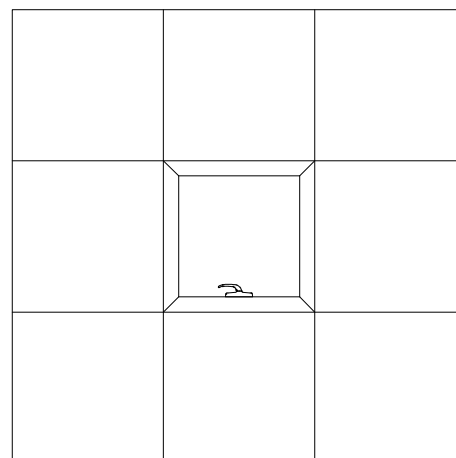
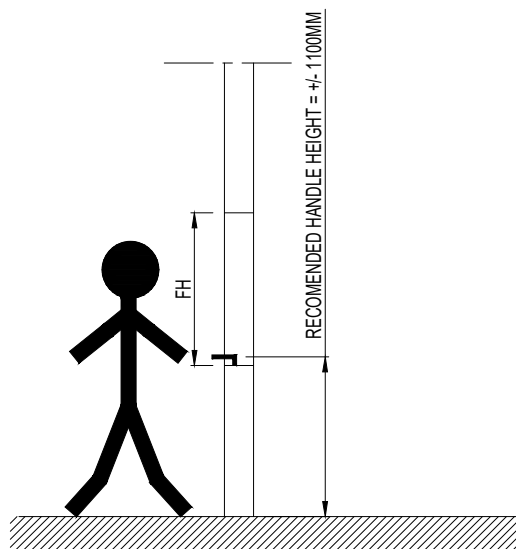
060.7872.--

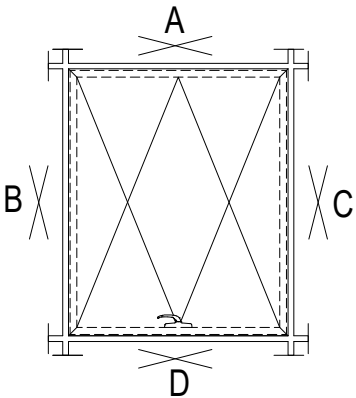
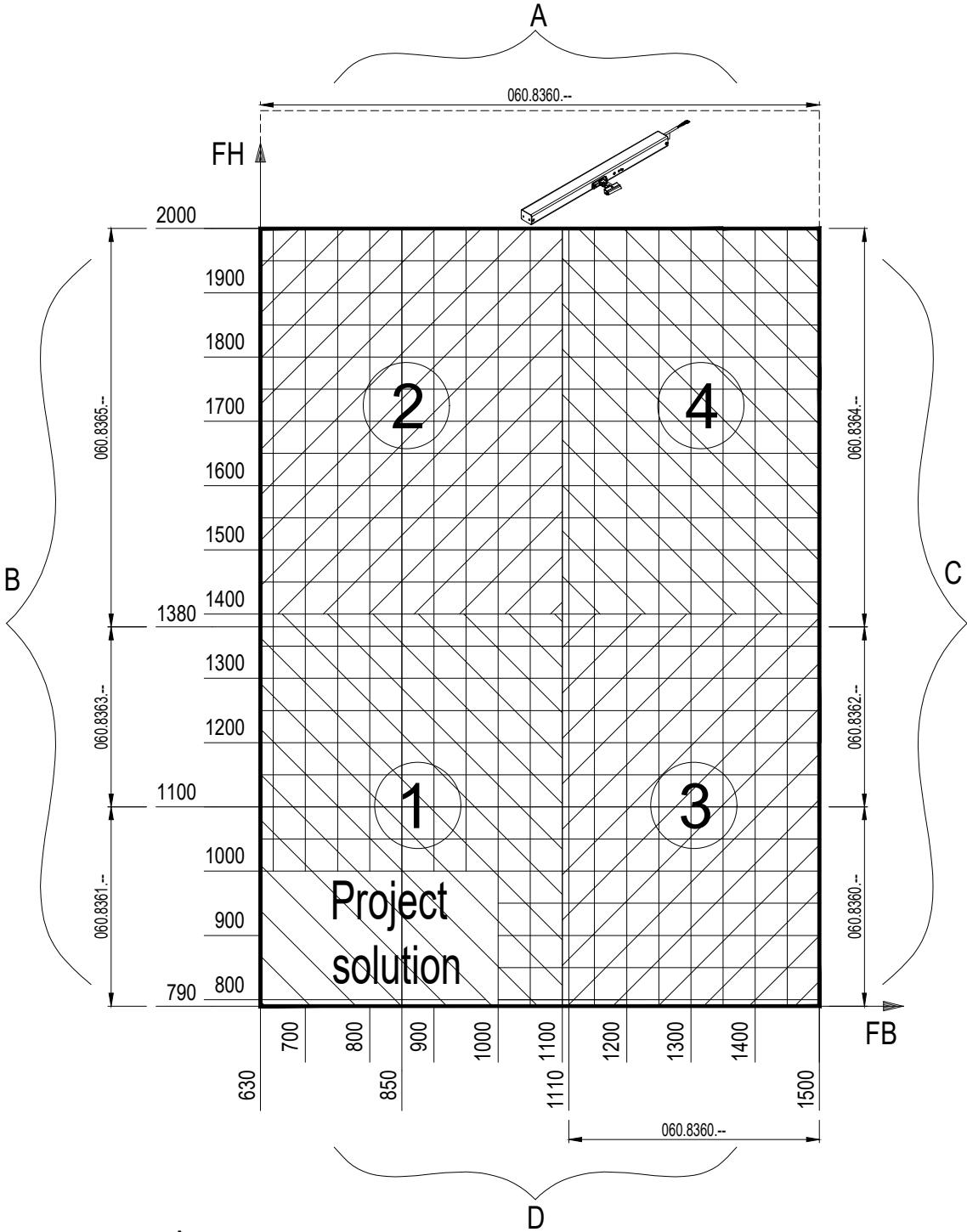
060.7065.--

060.8365.--
 060.8364.--
 060.8363.--
 060.8362.--
 060.8361.--
 060.8360.--



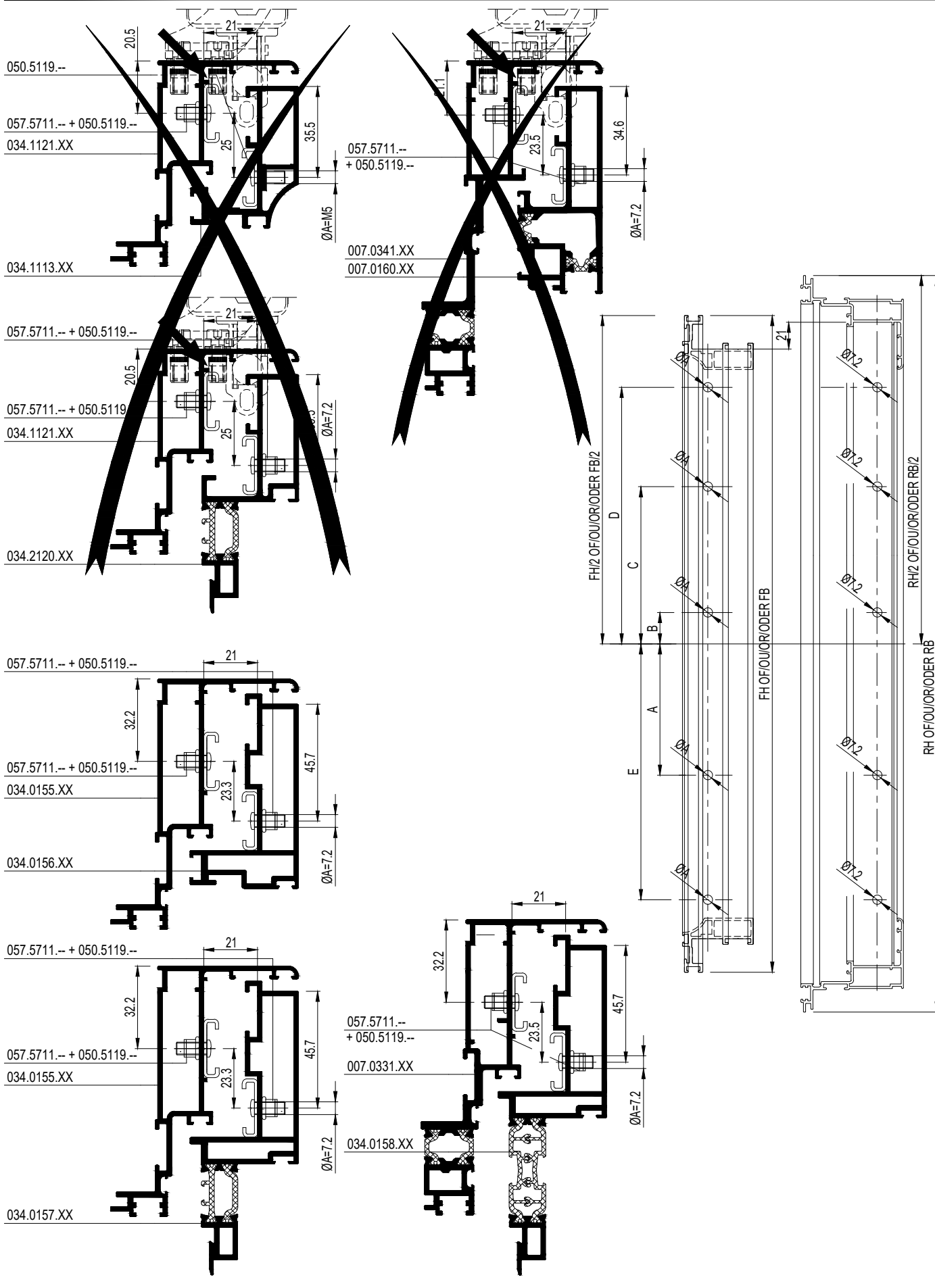


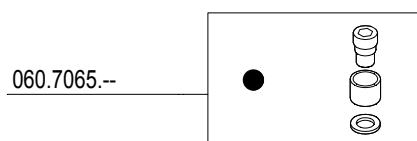
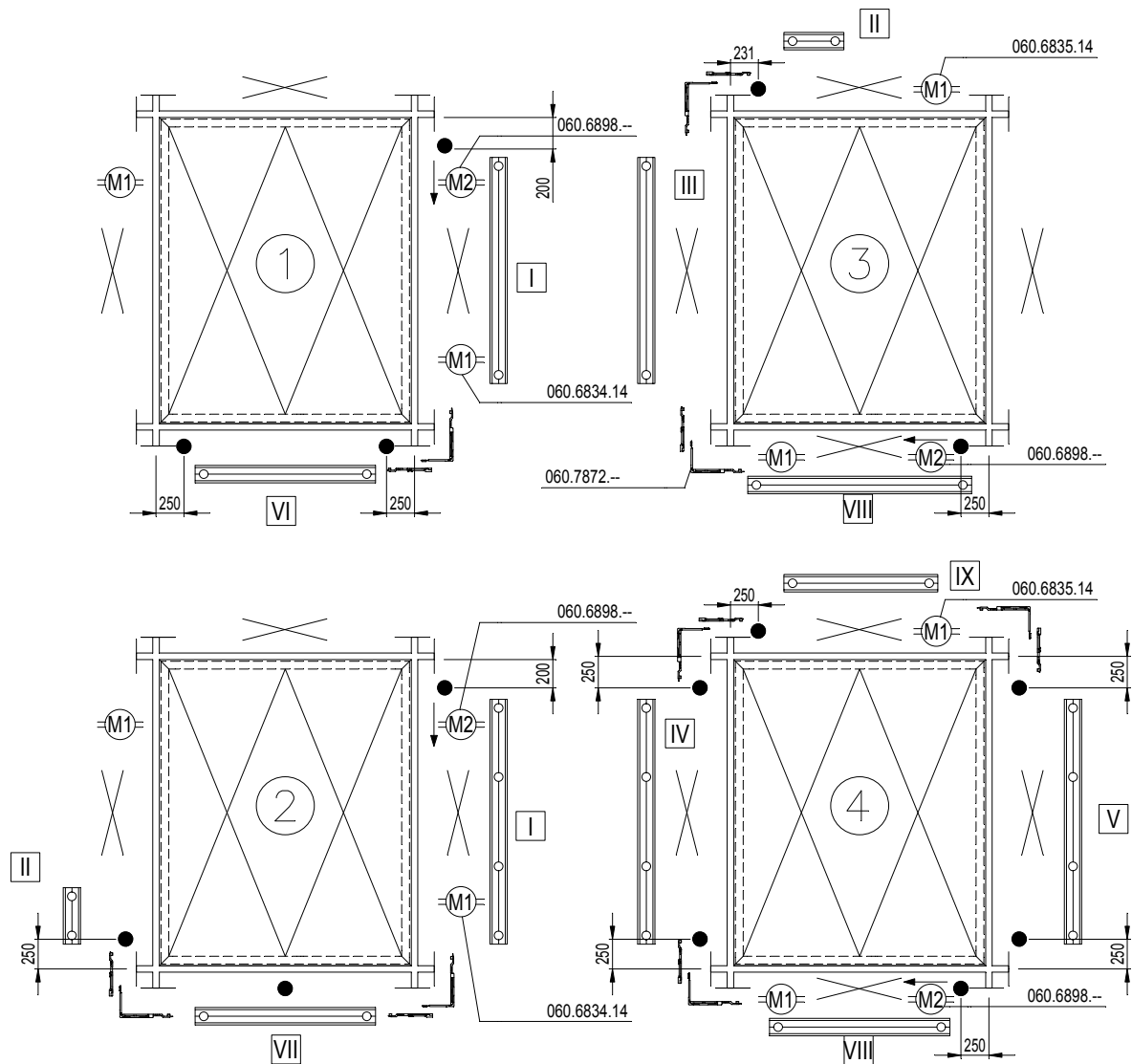




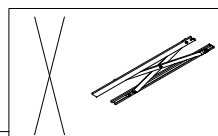
	A	B	C	D	E	FG MAX
060.8360/61	-	28	-	216.7	216.7	60 KG
060.8362/63	185.3	20.2	82	326.7	326.7	100 KG
060.8364/65	212	20.2	245	451.3	456.7	180 KG

D007417



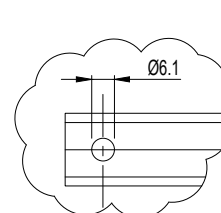
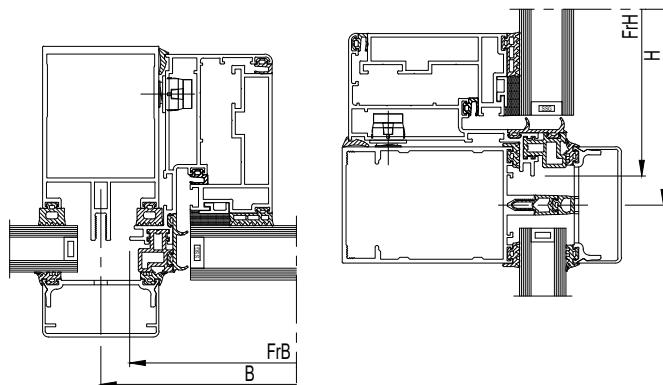
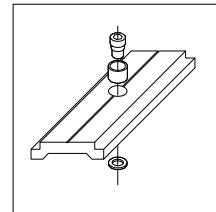
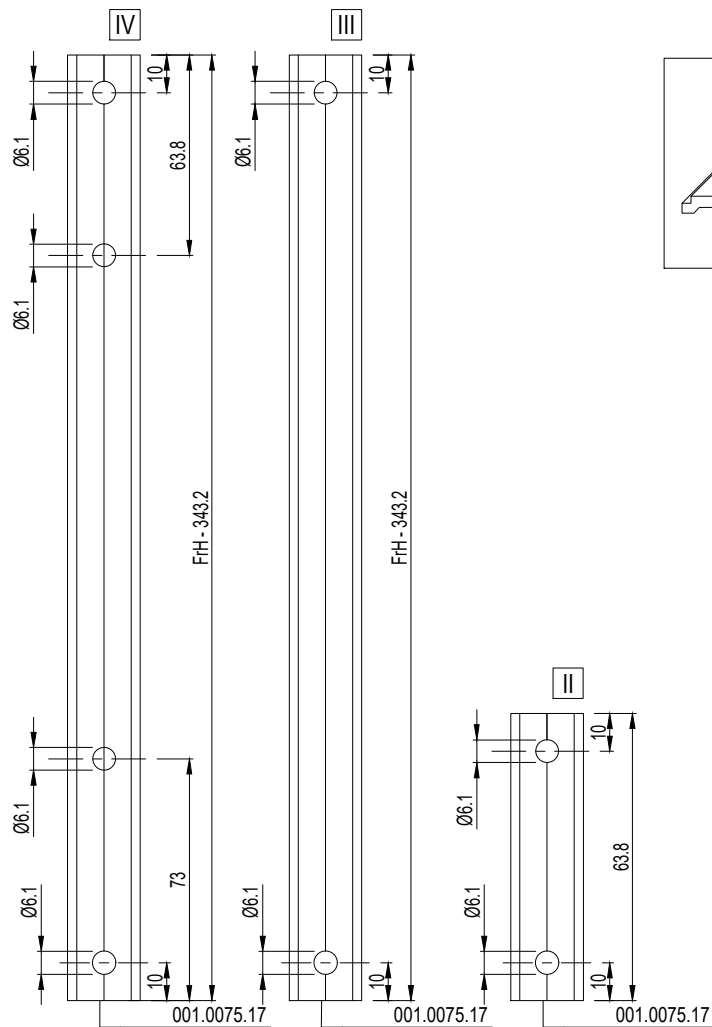


060.8365.--
060.8364.--
060.8363.--
060.8362.--
060.8361.--
060.8360.--



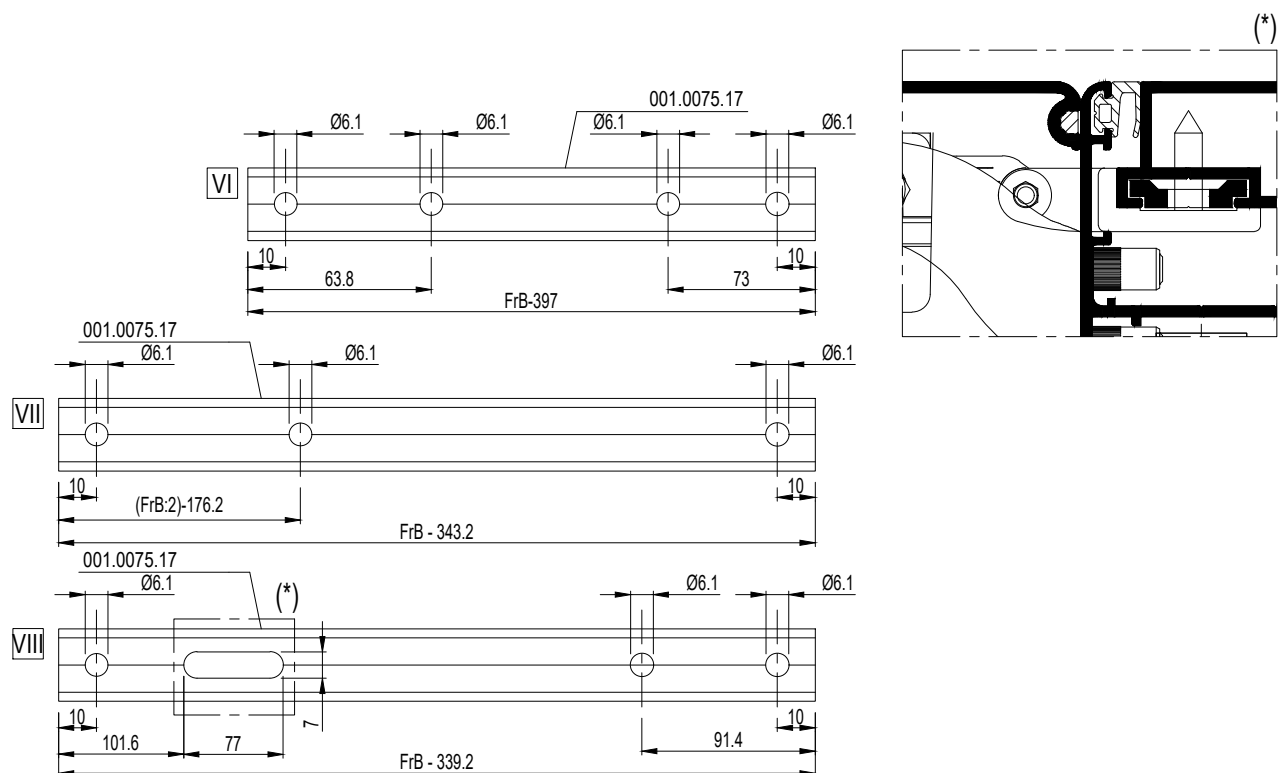
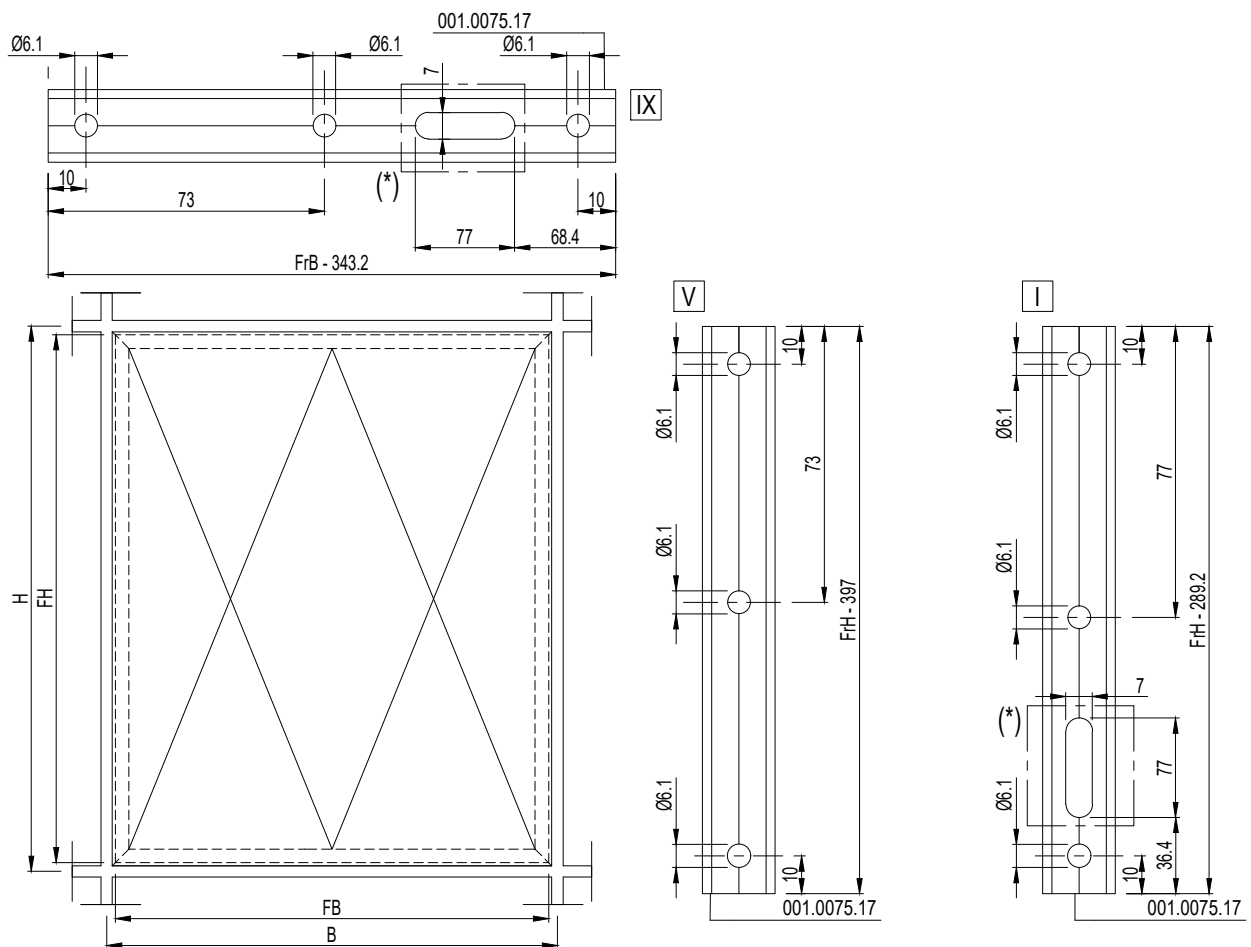
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COMMANDE DES POINTS DE FERMETURE - LOCKING
POINT OPERATING MOTOR - VERRIEGELUNGSANTRIEB

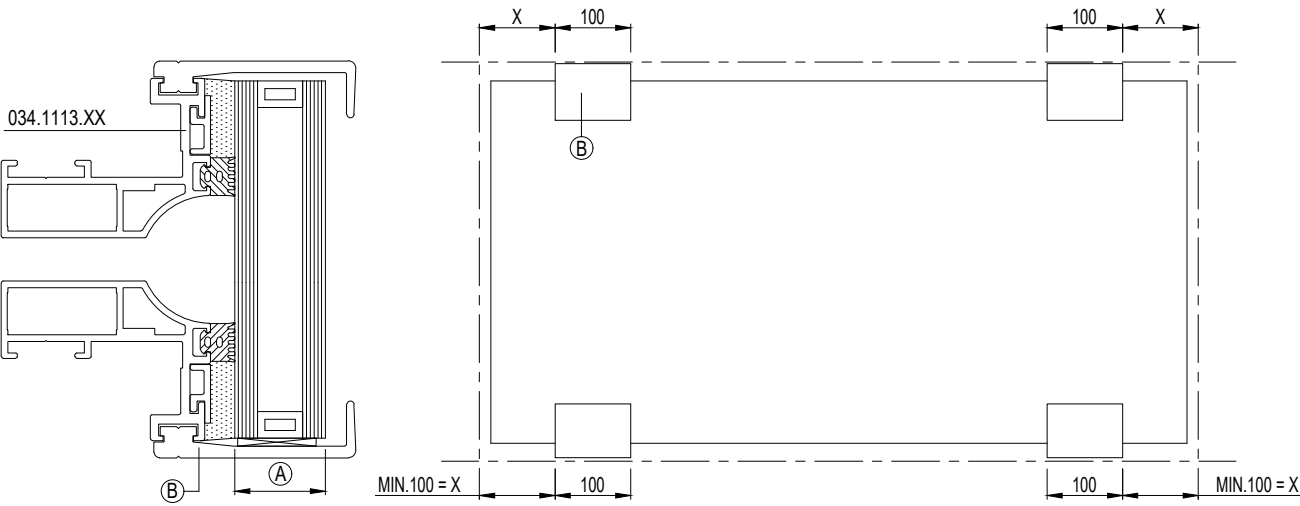
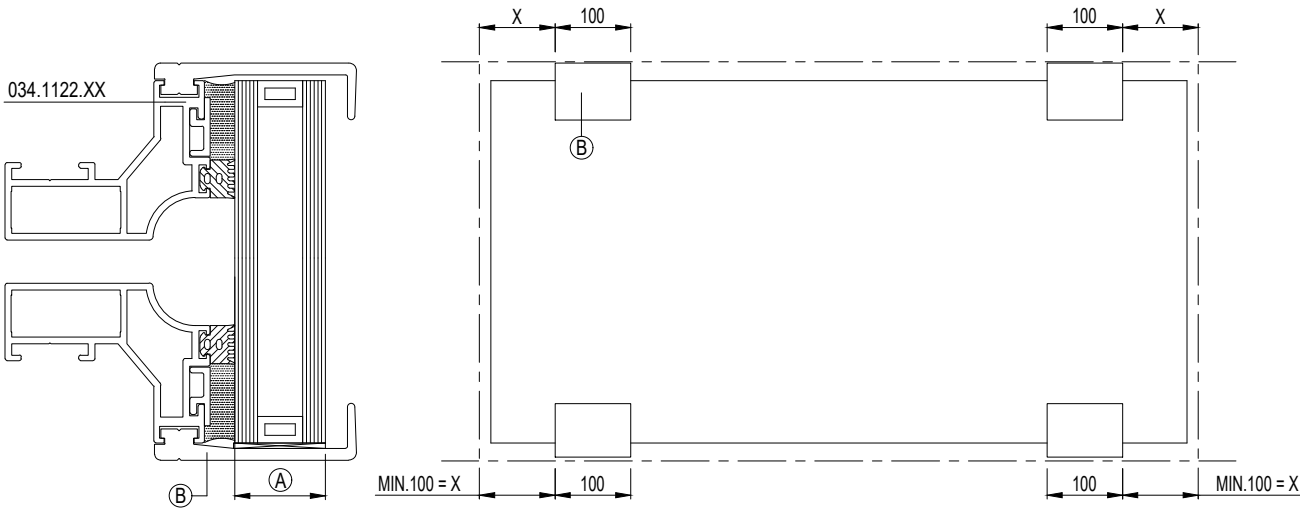
(M1) KETTINGMOTOR - MOTEUR DE CHAÎNE - CHAIN MOTOR - KETTENANTRIEB



ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL

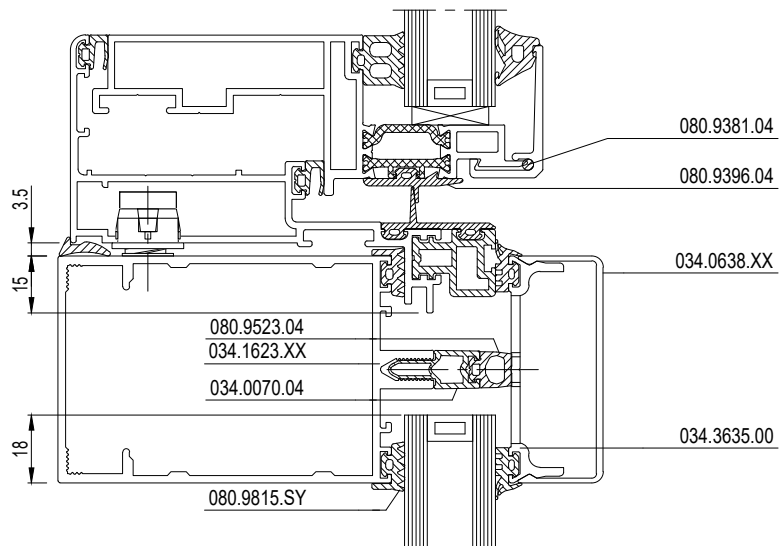
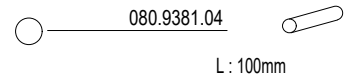
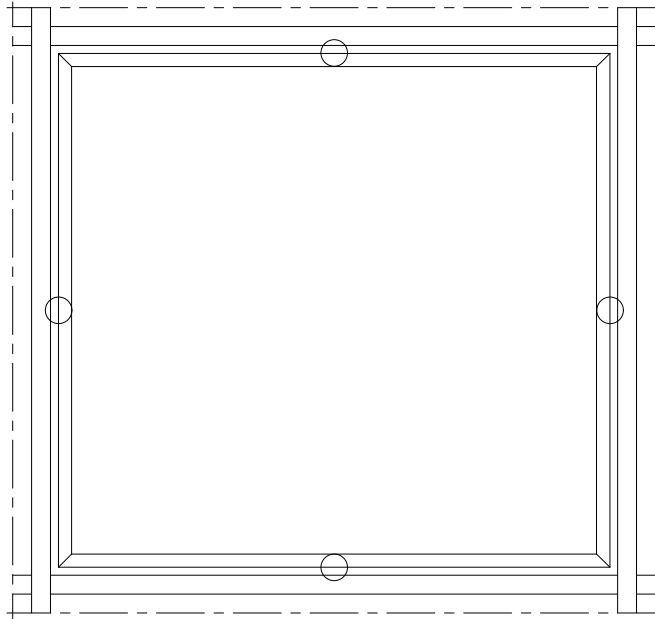


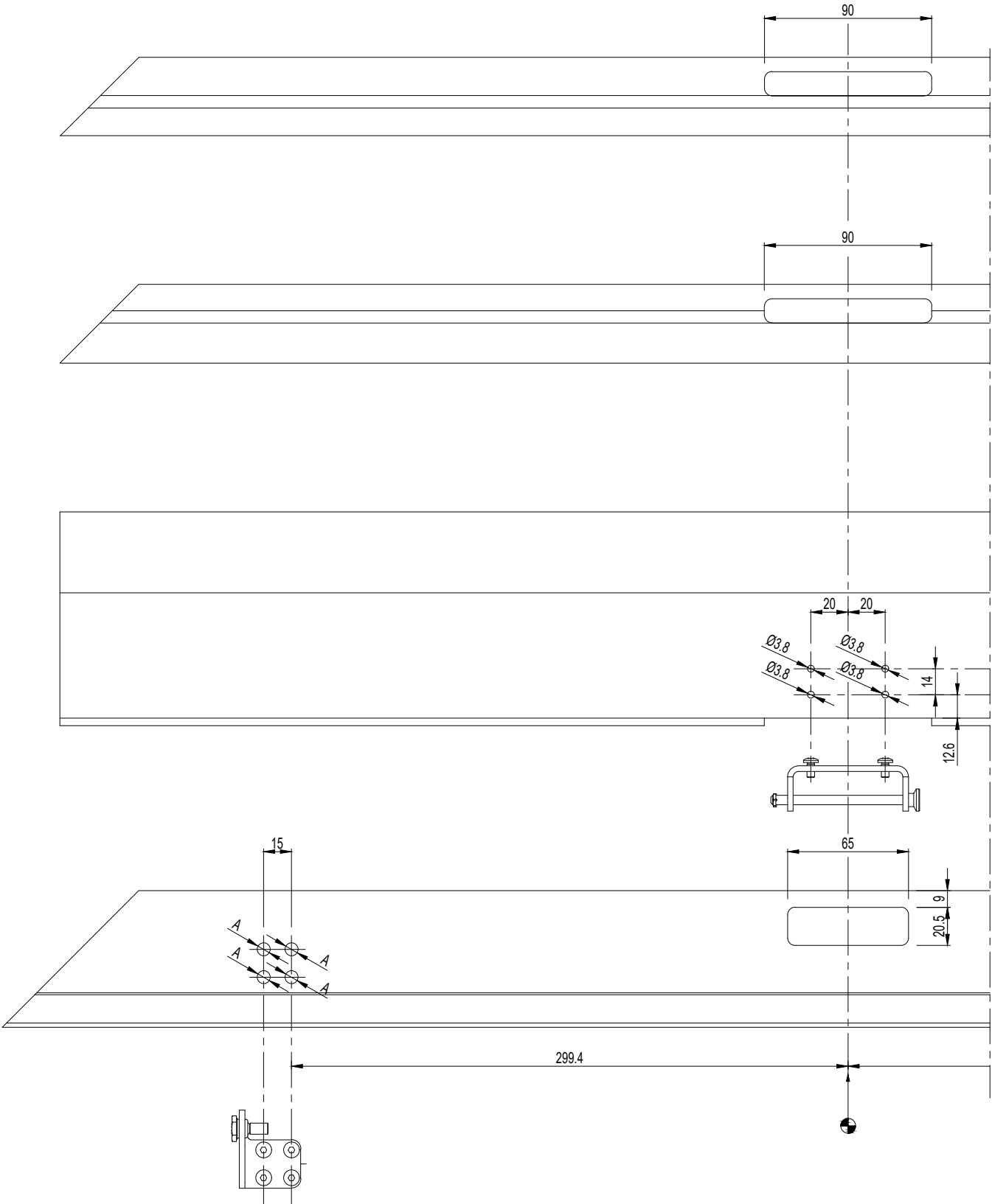




A	B	GLAS	GLASSTEUN / MECHANISCHE BEVEILIGING
		VERRE	SUPPORT CALE DE VITRAGE / PROTECTION MECANIQUE
23 - 27 mm	073.7280.39	GLASS	GLASS SUPPORT / MECHANICAL SAFETY
		GLAS	GLASAUFLAGEPROFIL / MECHANISCHE SICHERUNG
28 - 31 mm	073.7282.39		

MECHANISCHE BEVEILIGING GLAS IS VERPLICHT BOVEN INGANG.
BIJKOMENDE TOEPASSINGEN VOLGENS LOCALE RICHTLIJNEN.
SECURITE MECANIQUE DU VERRE EST OBLIGATOIRE AUDESSOUS DE L'ENTREE.
APPLICATIONS SUPPLEMENTAIRES SELON LES DIRECTIVES LOCALES.
MECHANISCHE SICHERUNG DES GLASES OBEN EINGANG IST VERPFLICHTET.
ZUSATZLICHE ANWENDUNGEN GEMAß DEN LOKALEN RICHTLINIEN.
MECHANICAL SAFETY OF THE GLASS IS OBLIGED ABOVE THE ENTRANCE.
ADDITIONAL APPLICATIONS ACCORDING TO THE LOCAL PRESCRIPTIONS.

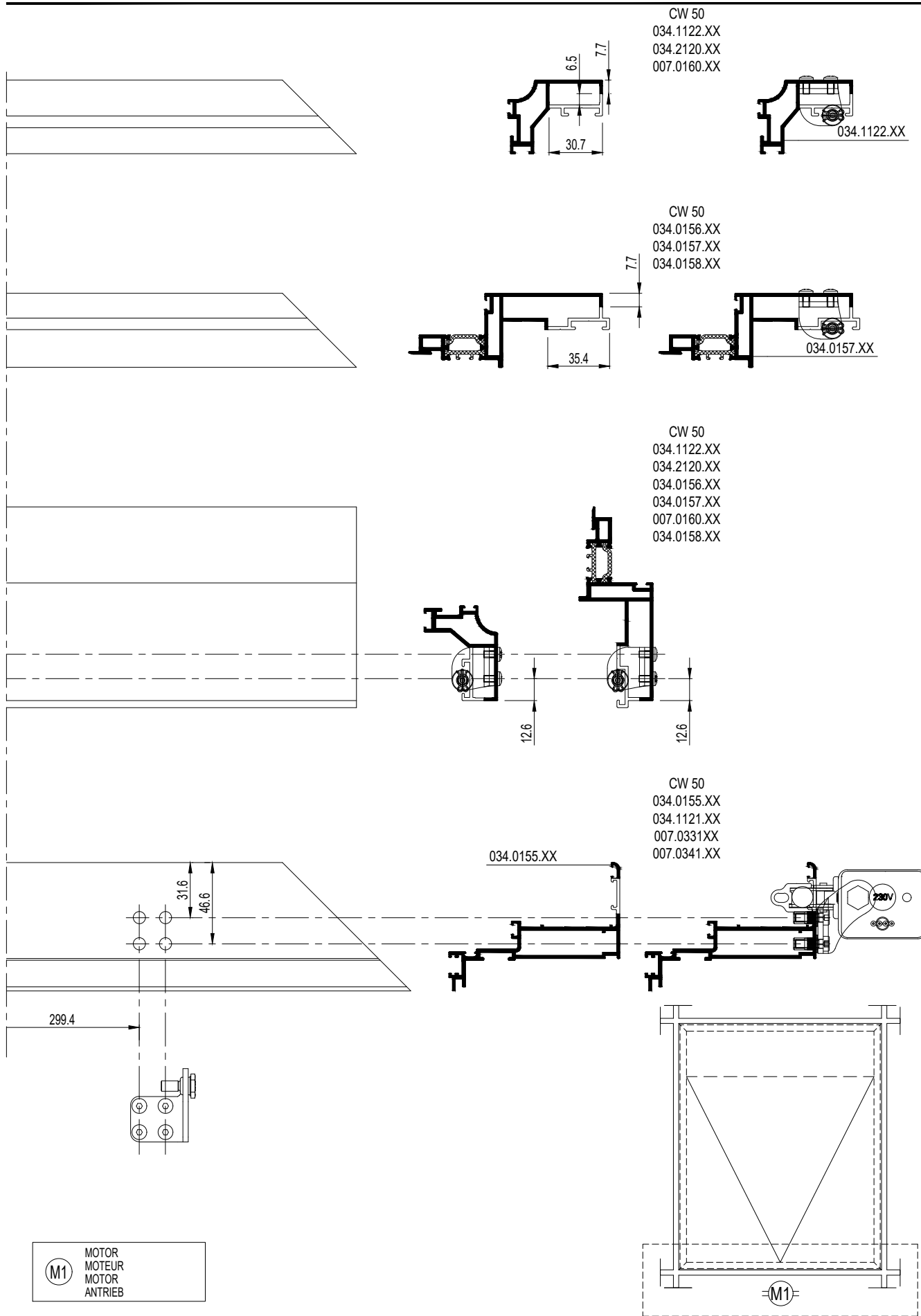




A	FB
M5	730MM - 800MM
Ø7	800MM - 1300MM

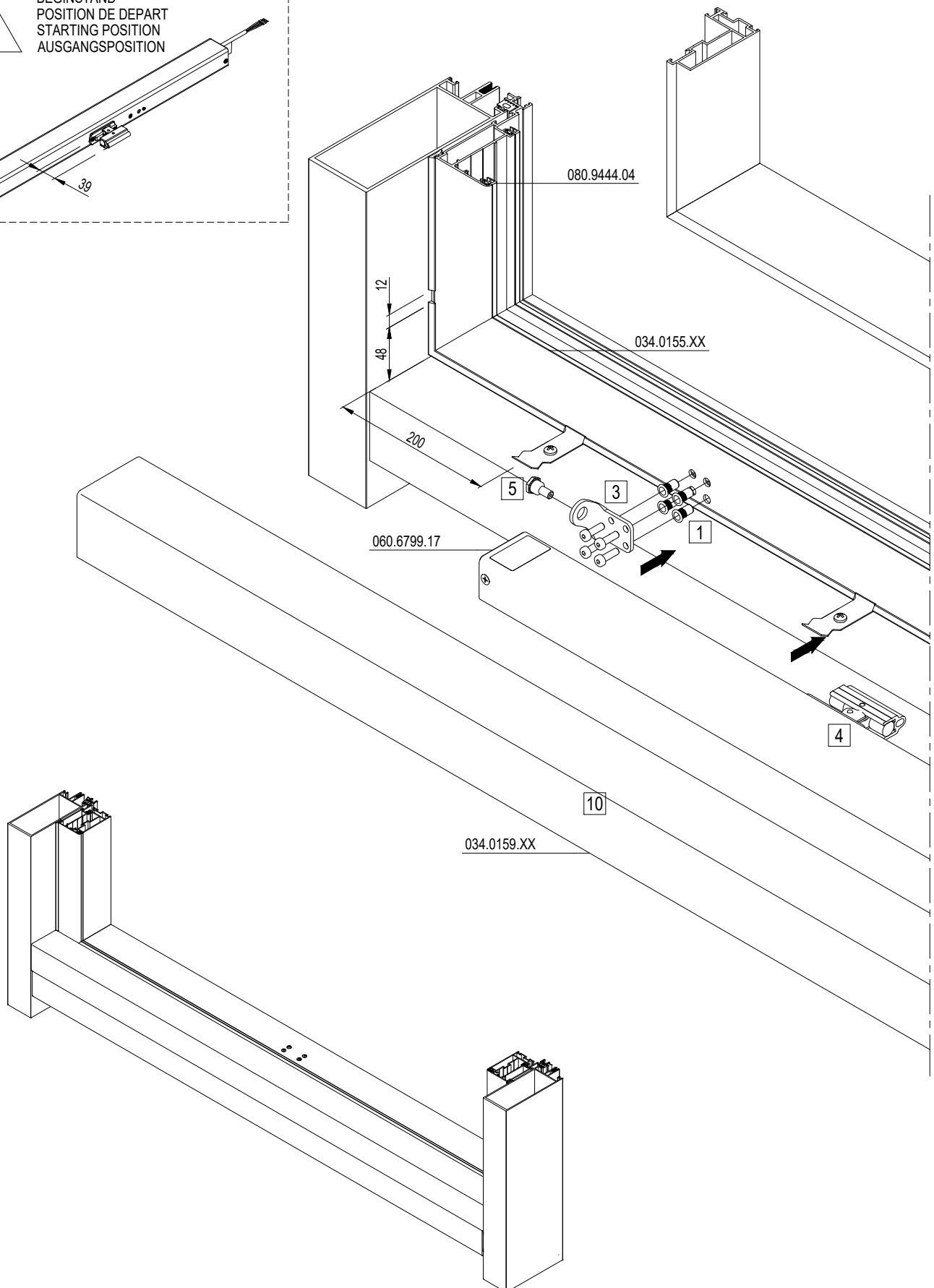
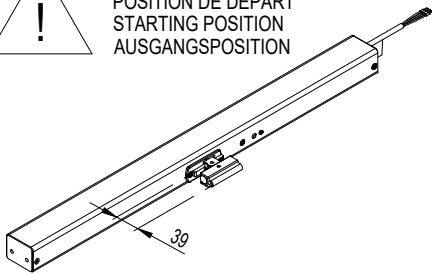
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REYNAERS NR.	D+H NR.	REYNAERS NR.	D+H NR.
060.6799.17	26.020.05	060.6798.--	26.AEN.KS

D0079666





BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION



MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

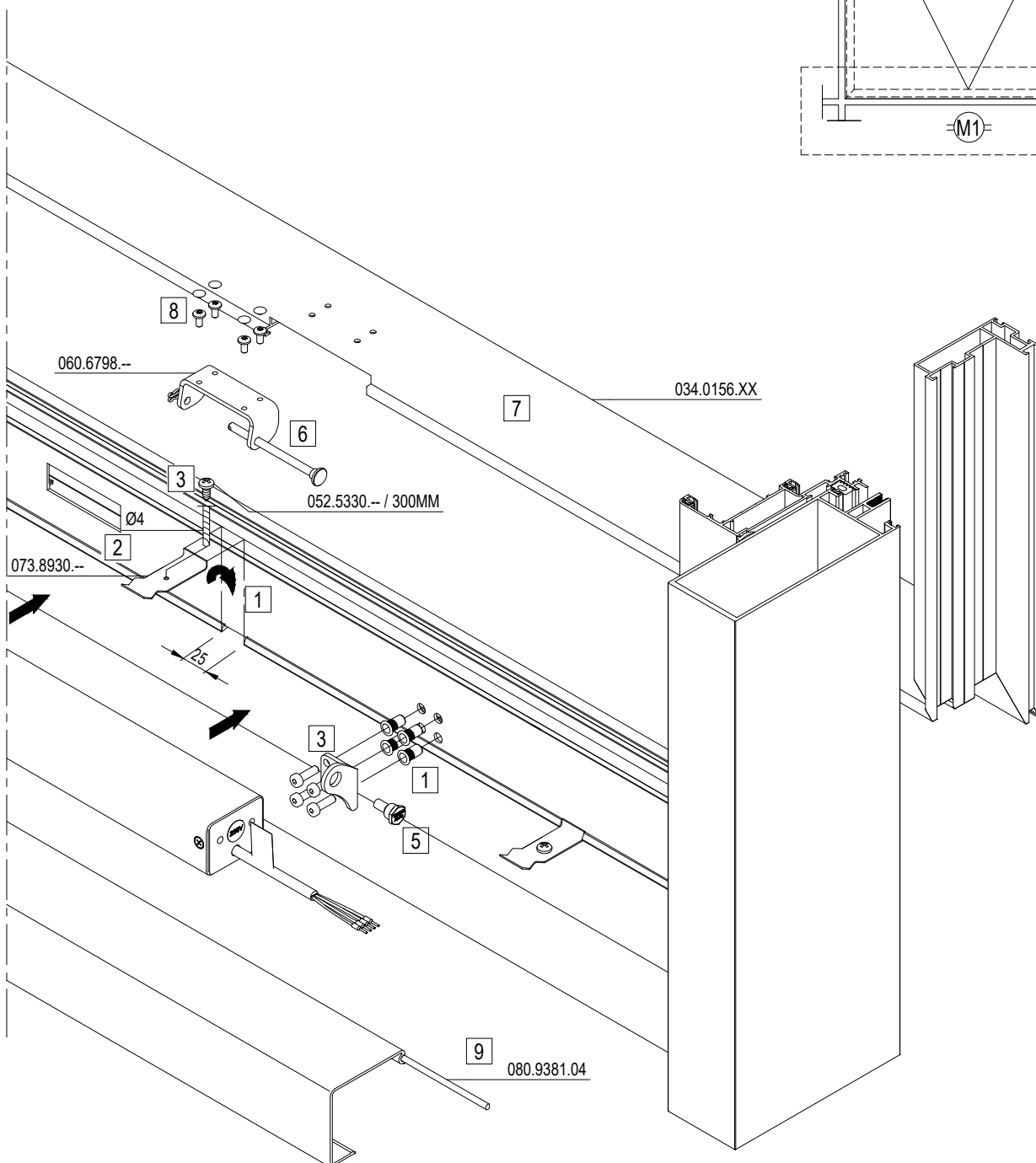
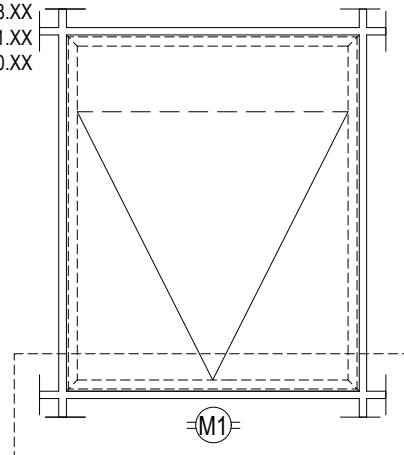
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(M1)

MOTOR
 MOTEUR
 MOTOR
 ANTRIEB

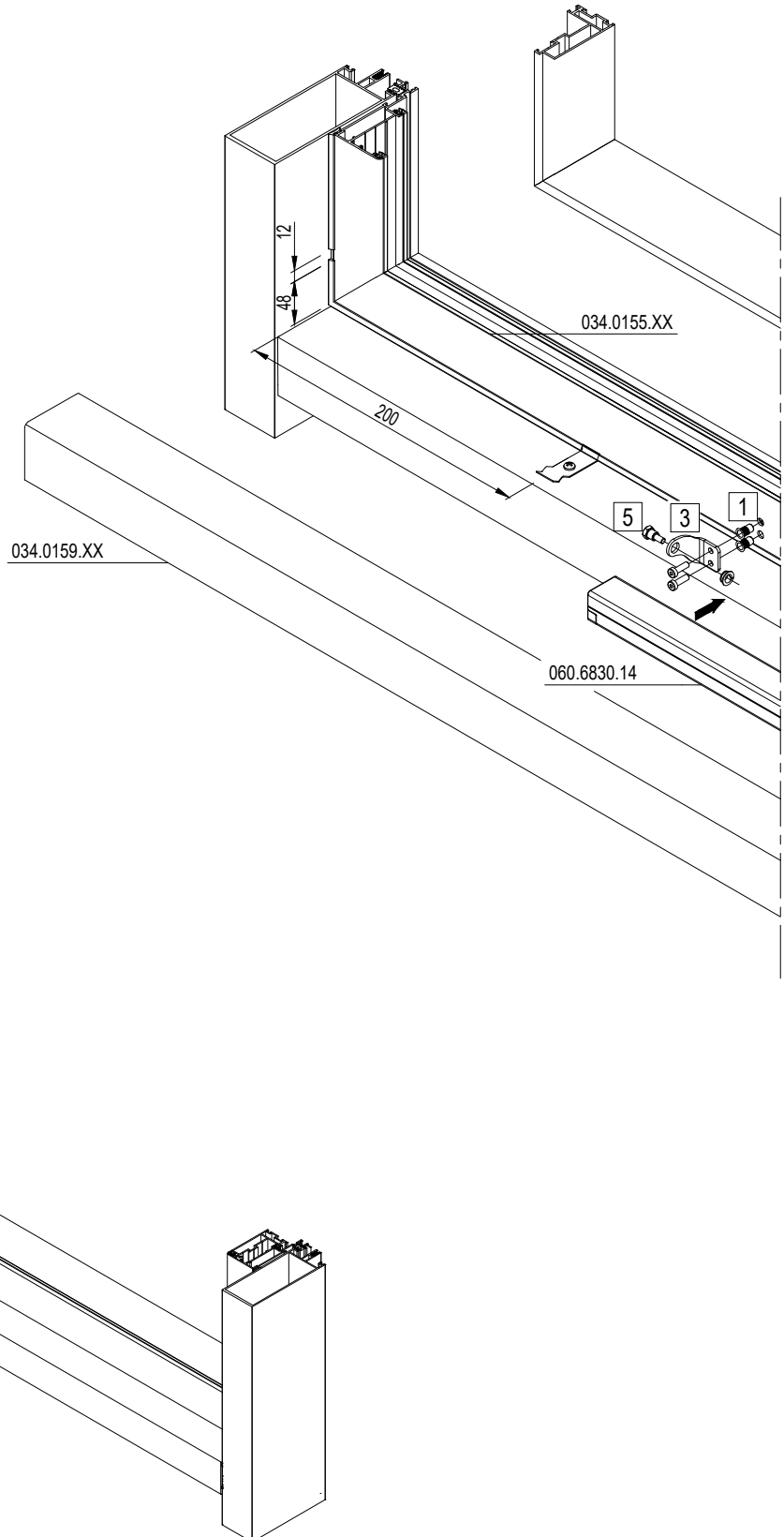
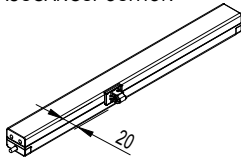
CW 50

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 034.0156.XX
 034.0157.XX
 034.1122.XX
 034.2120.XX
 007.0331.XX
 034.0158.XX
 007.0341.XX
 007.0160.XX





BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION



MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .

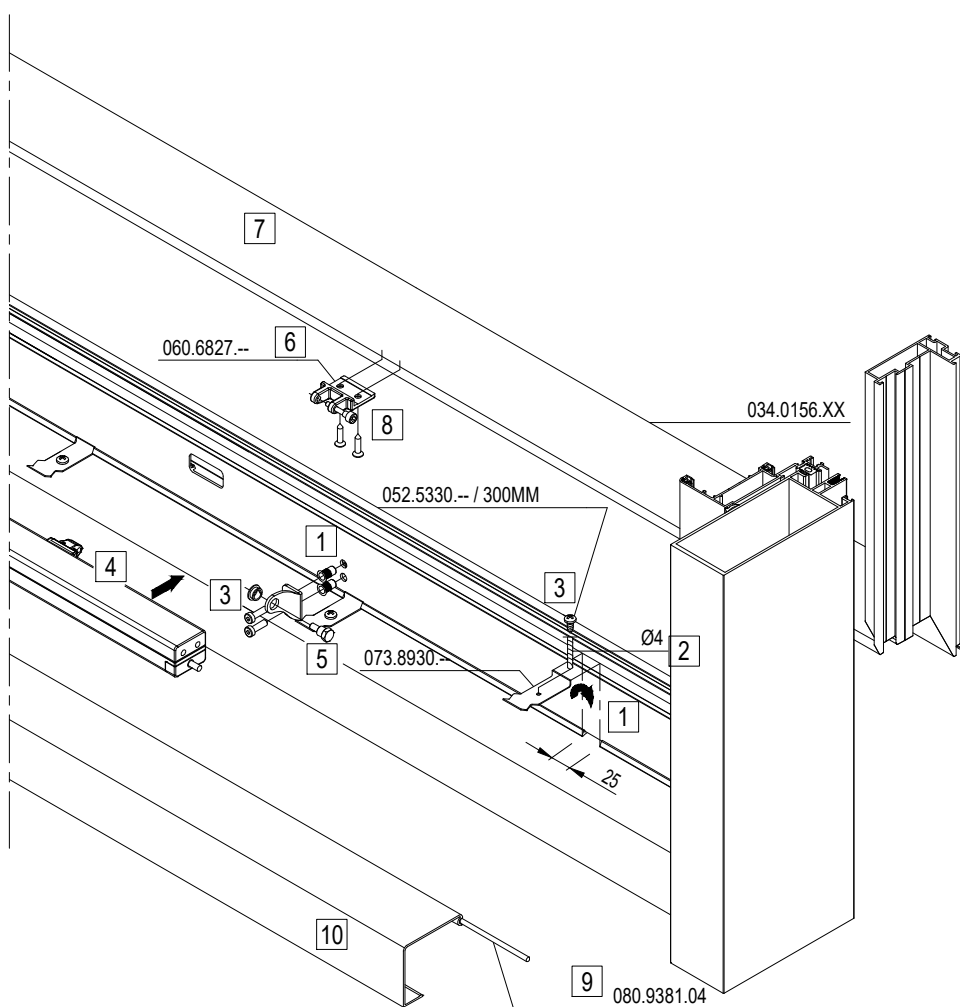
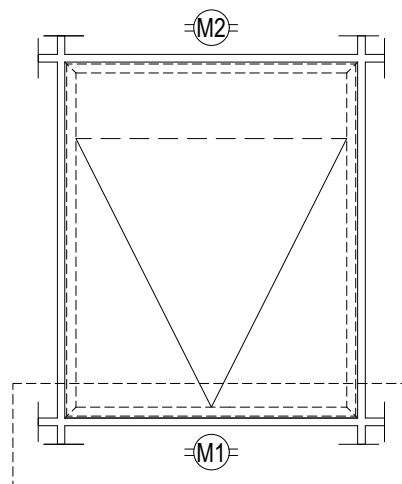
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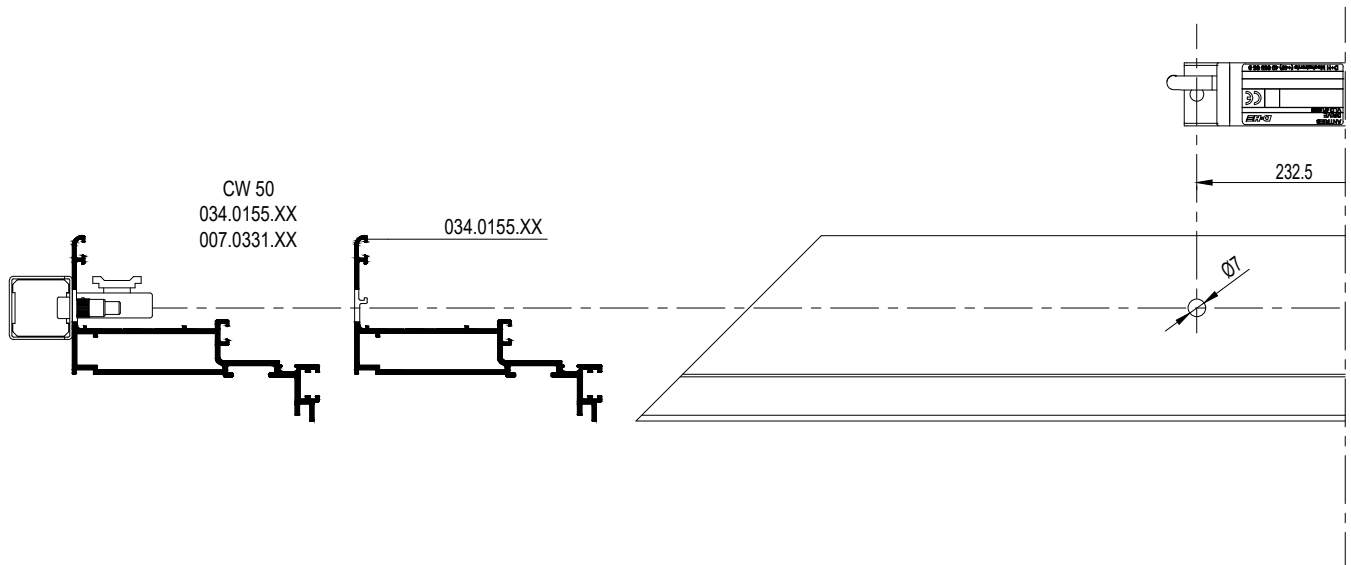
SLUITPUNT BEDIENINGSMOTOR
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

(M1)

MOTOR
 MOTEUR
 MOTOR
 ANTRIEB

CW 50
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 007.0331.XX
 034.0158.XX



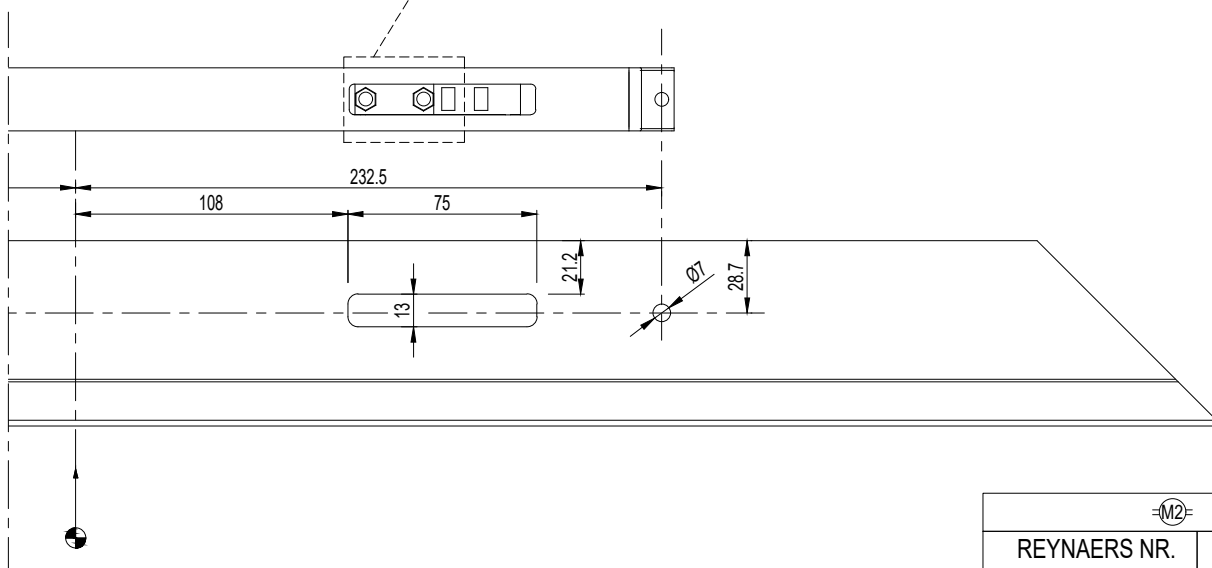
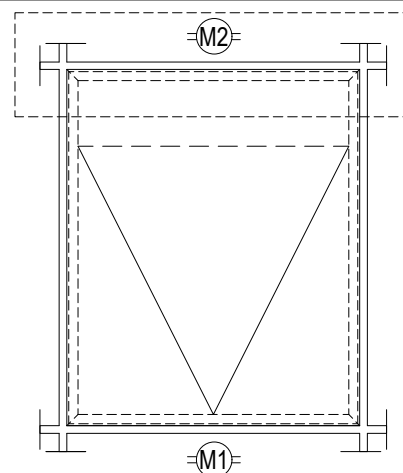
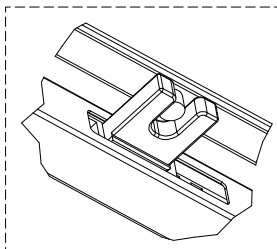


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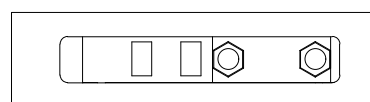
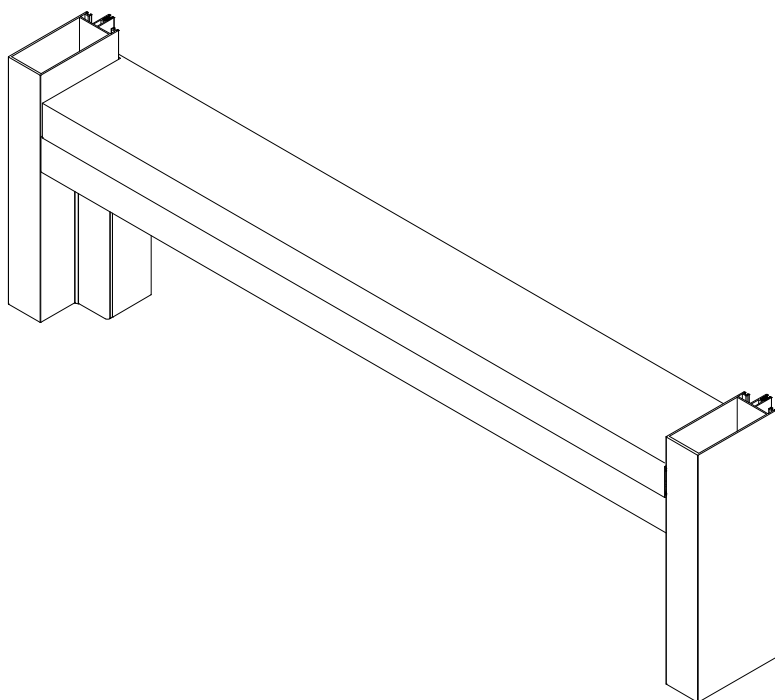
SLUITPUNT BEDIENINGSMOTOR
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

(M1)

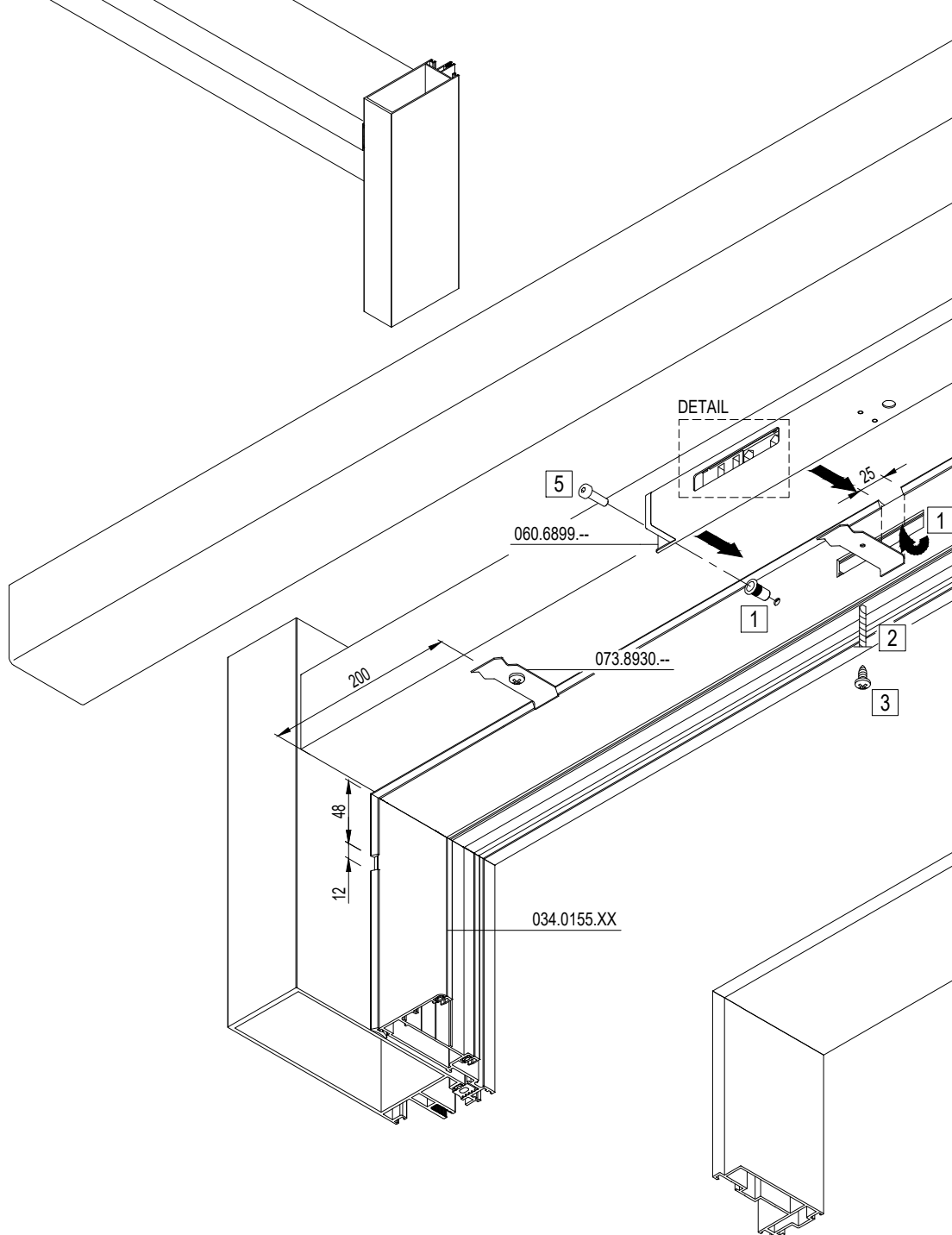
MOTOR
 MOTEUR
 MOTOR
 ANTRIEB



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060.6899.--	23.060.95

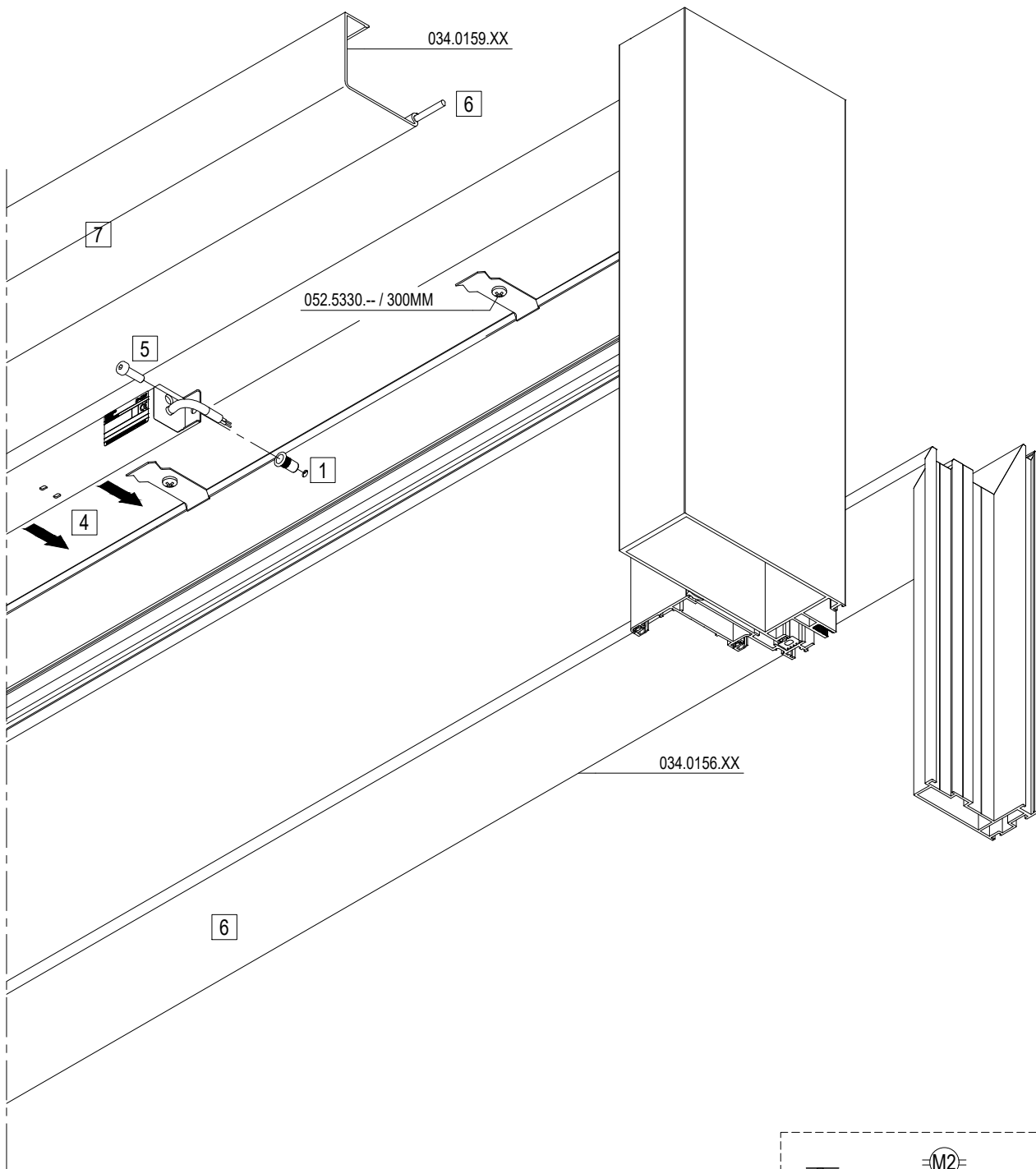


BEGINN-
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION

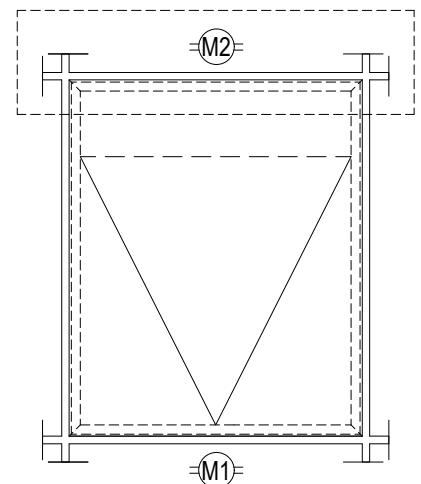


MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .



CW 50
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 034.0156.XX
 034.0157.XX
 007.0331.XX
 034.0158.XX

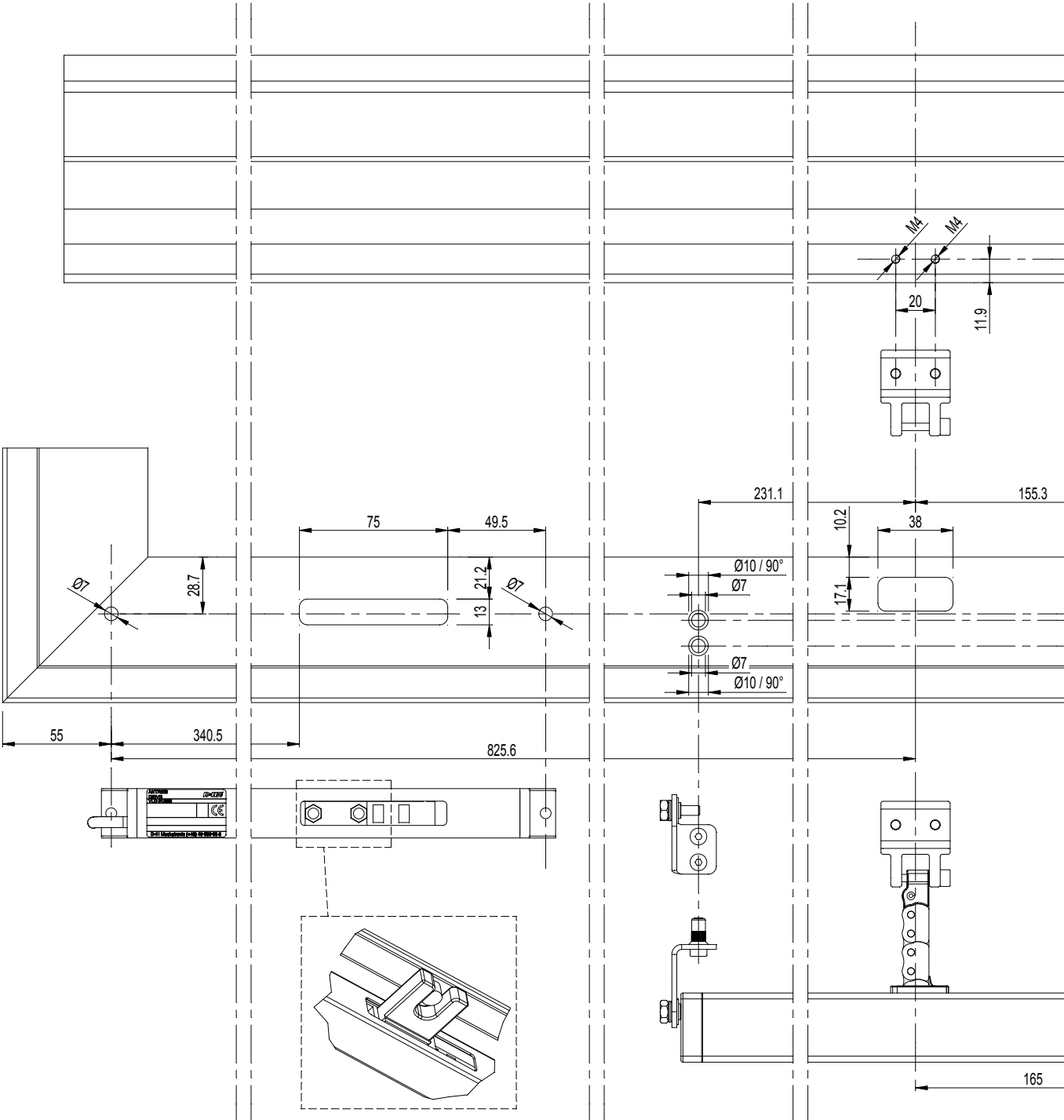


M2

SLUITPUNT BEDIENINGSMOTOR
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

M1

MOTOR
 MOTEUR
 MOTOR
 ANTRIEB



M2

SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB

M1

MOTOR
MOTEUR
MOTOR
ANTRIEB

M2

REYNAERS NR.

D+H NR.

060.6899.-

23.060.95

M1

REYNAERS NR.

D+H NR.

060.6830.14

25.00.15

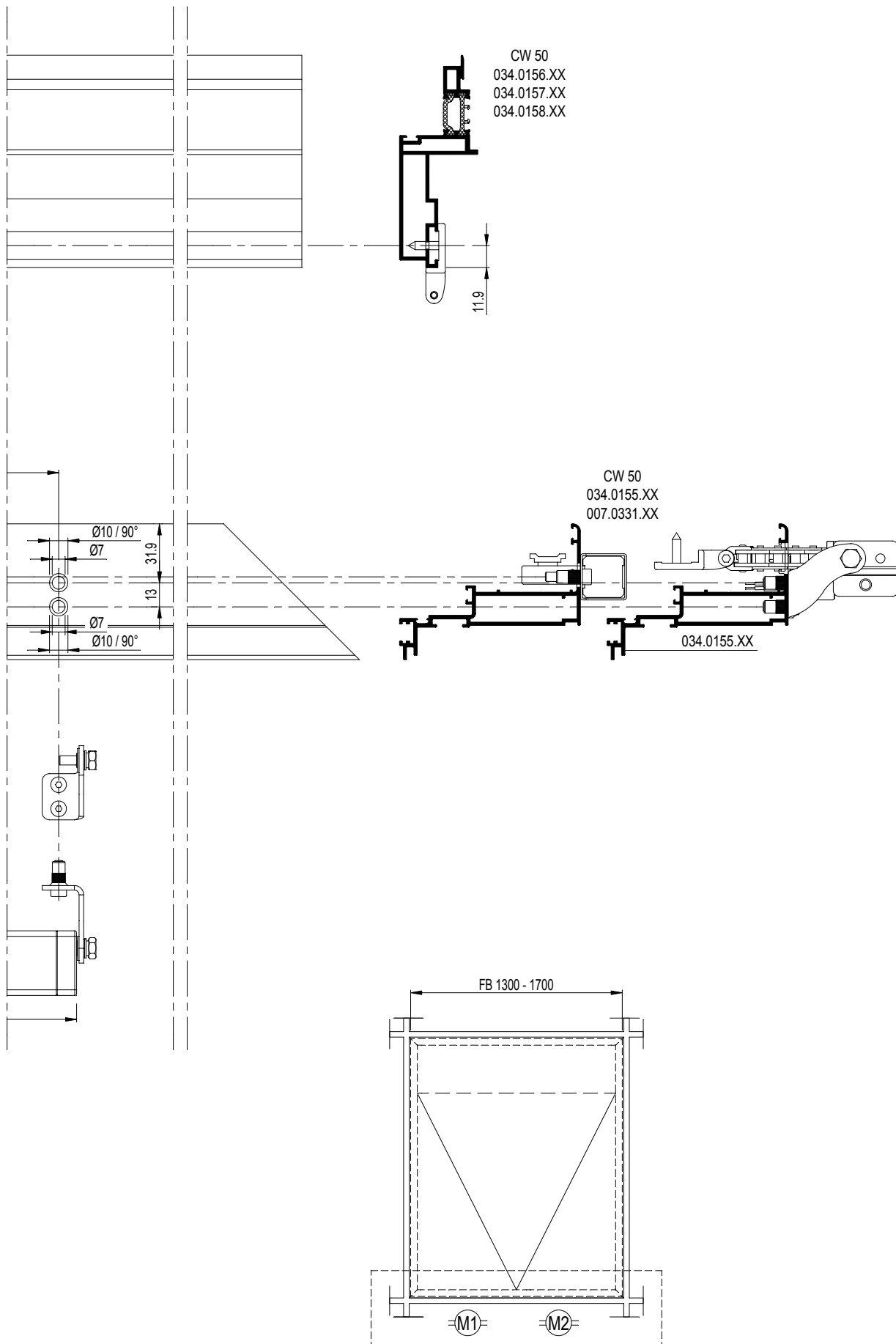
BRACKET SET

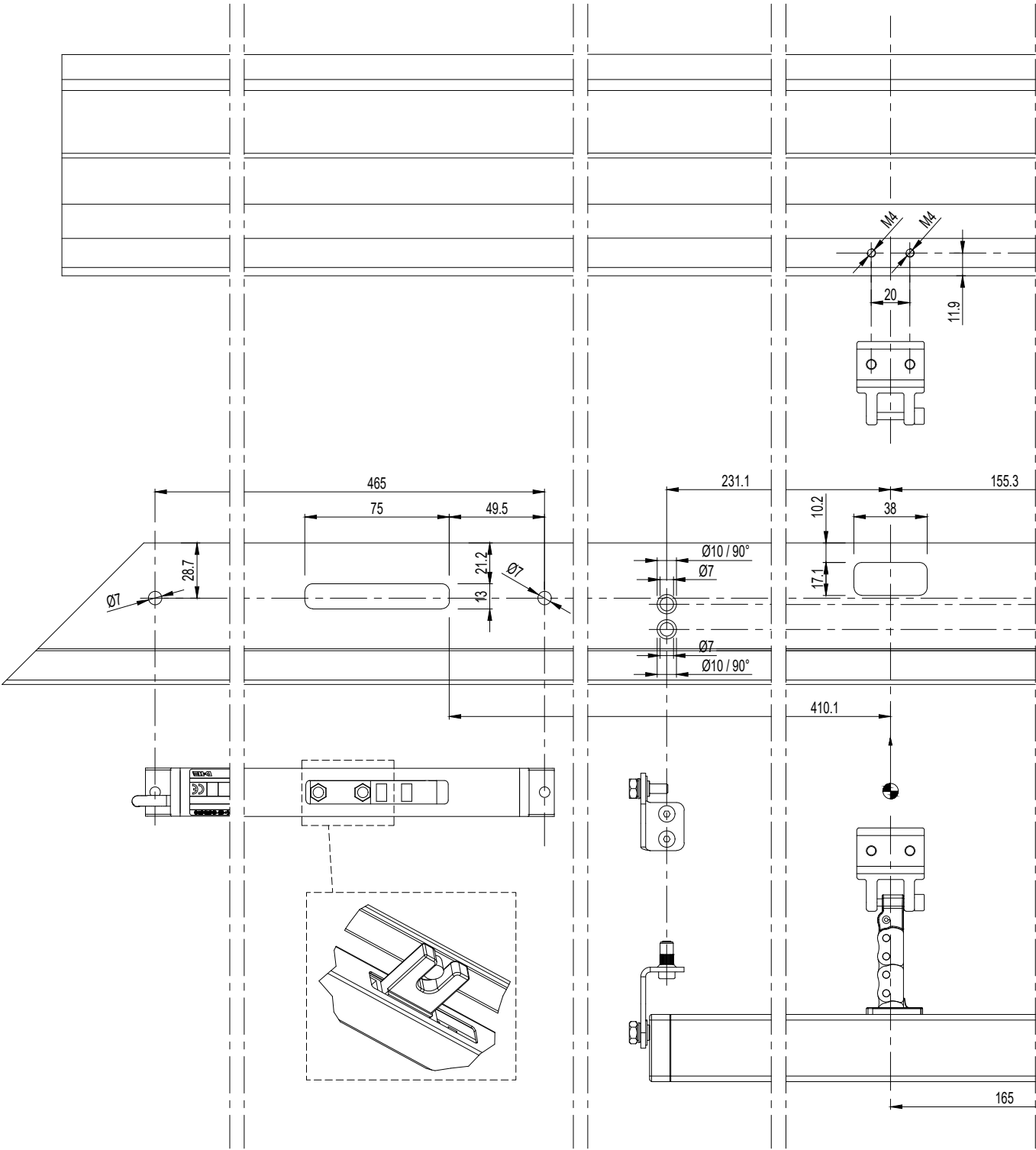
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D+H NR.

060.6827.-

25.ADW.KS

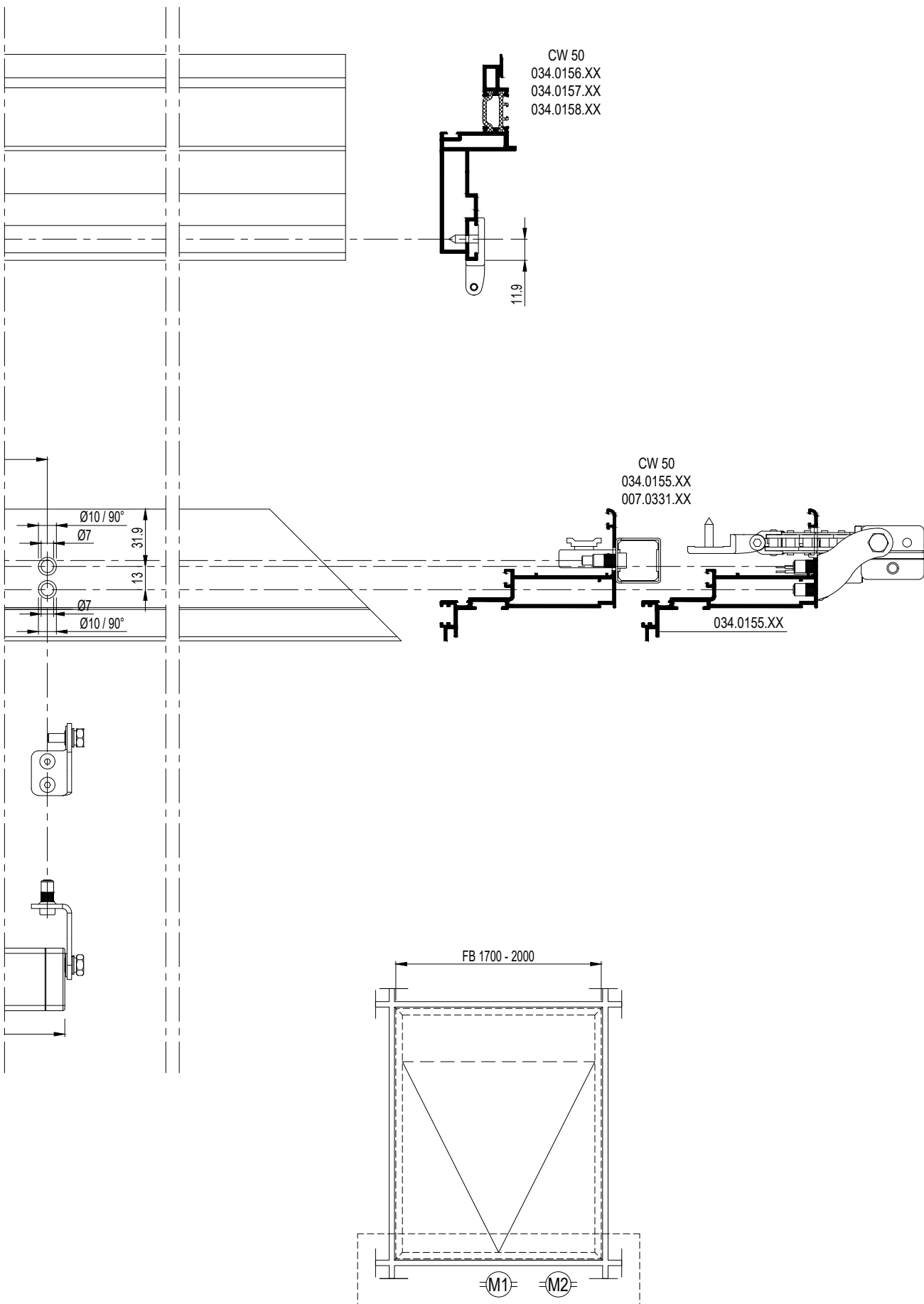


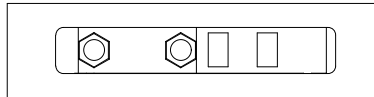


(M2) SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB

(M1) MOTOR
MOTEUR
MOTOR
ANTRIEB

-(M2)-			
REYNAERS NR.	D+H NR.		
060.6899.--	23.060.95		
-(M1)-		BRACKET SET	
REYNAERS NR.	D+H NR.	REYNAERS NR.	D+H NR.
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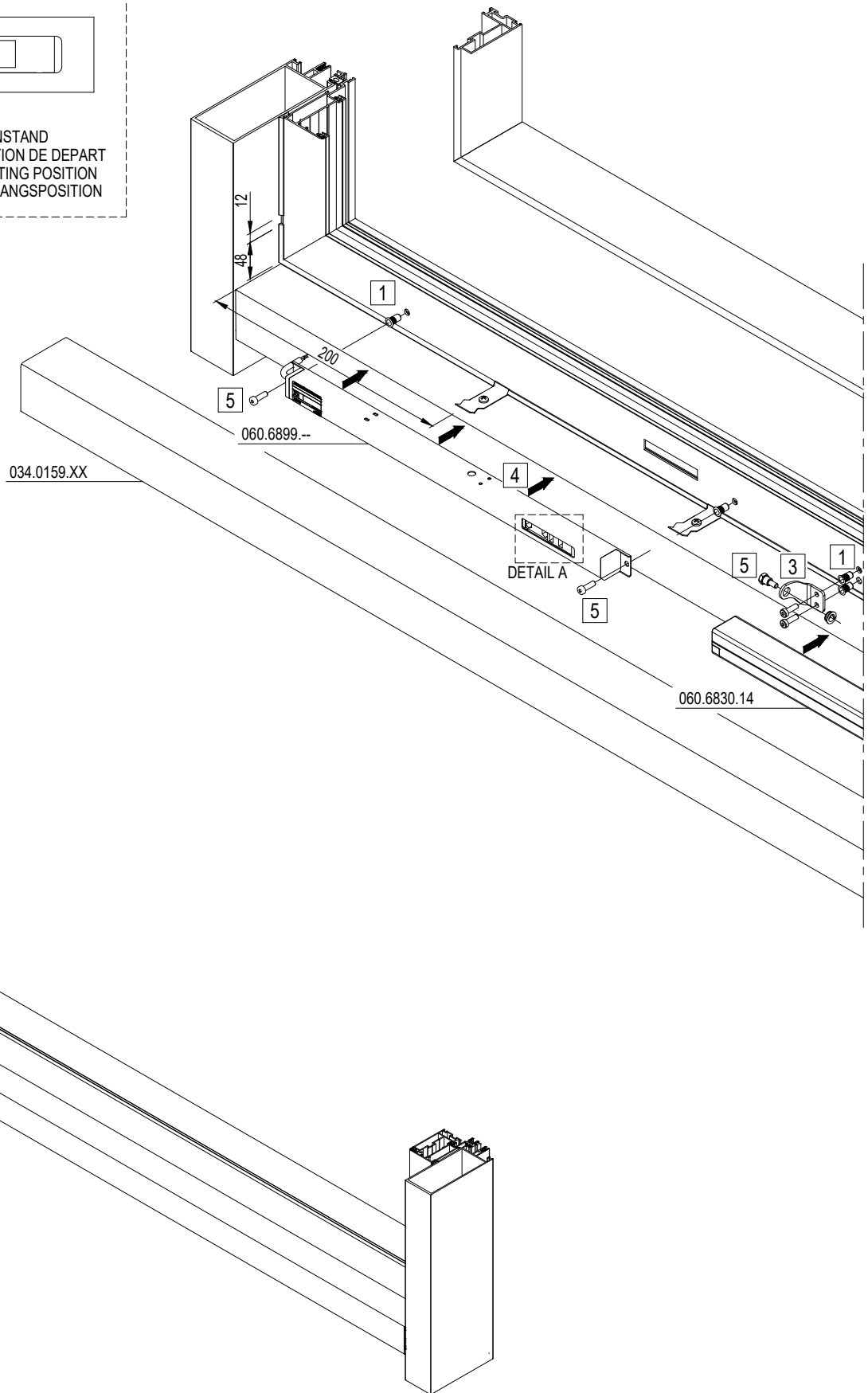




DETAIL A



BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION



MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .

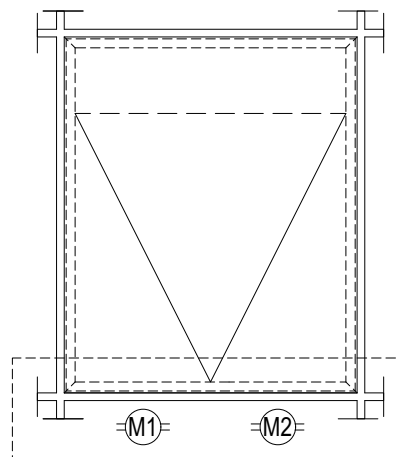
(M2)

SLUITPUNT BEDIENINGSMOTOR
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

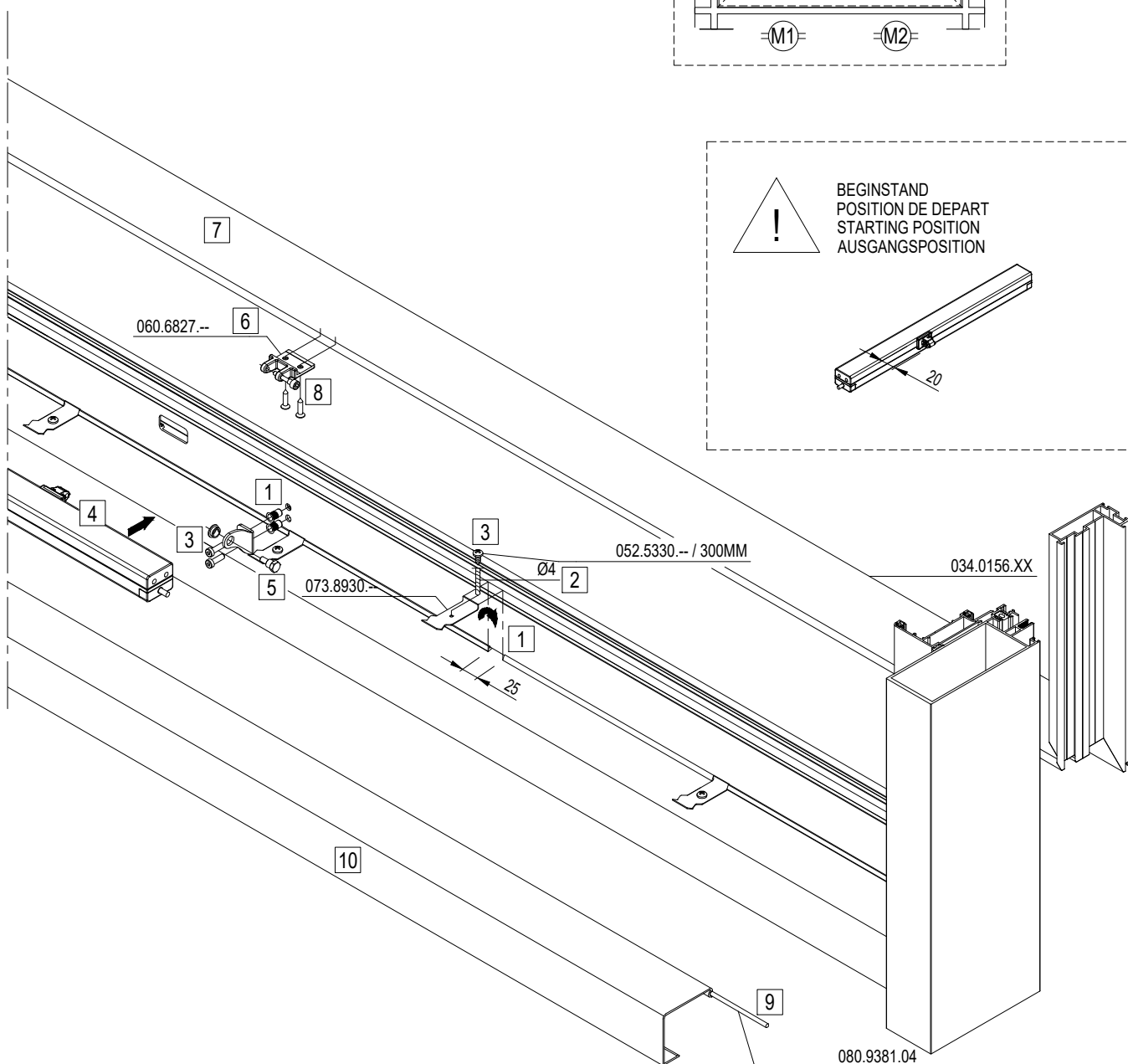
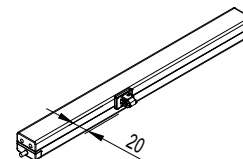
(M1)

MOTOR
 MOTEUR
 MOTOR
 ANTRIEB

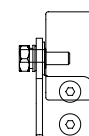
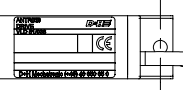
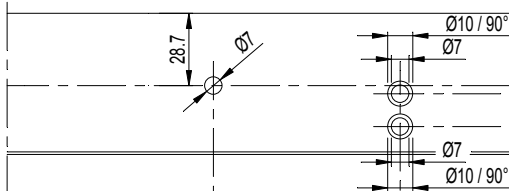
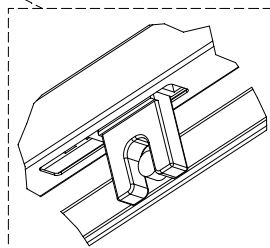
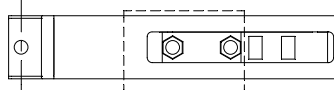
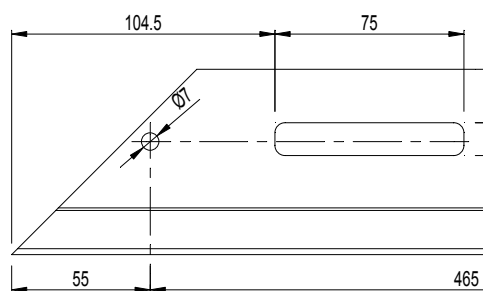
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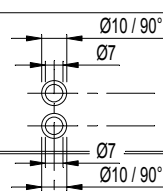
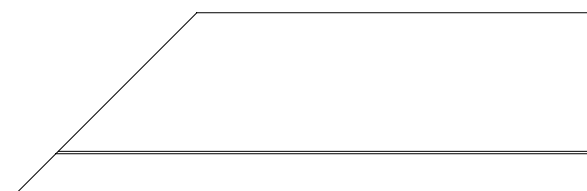
BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION



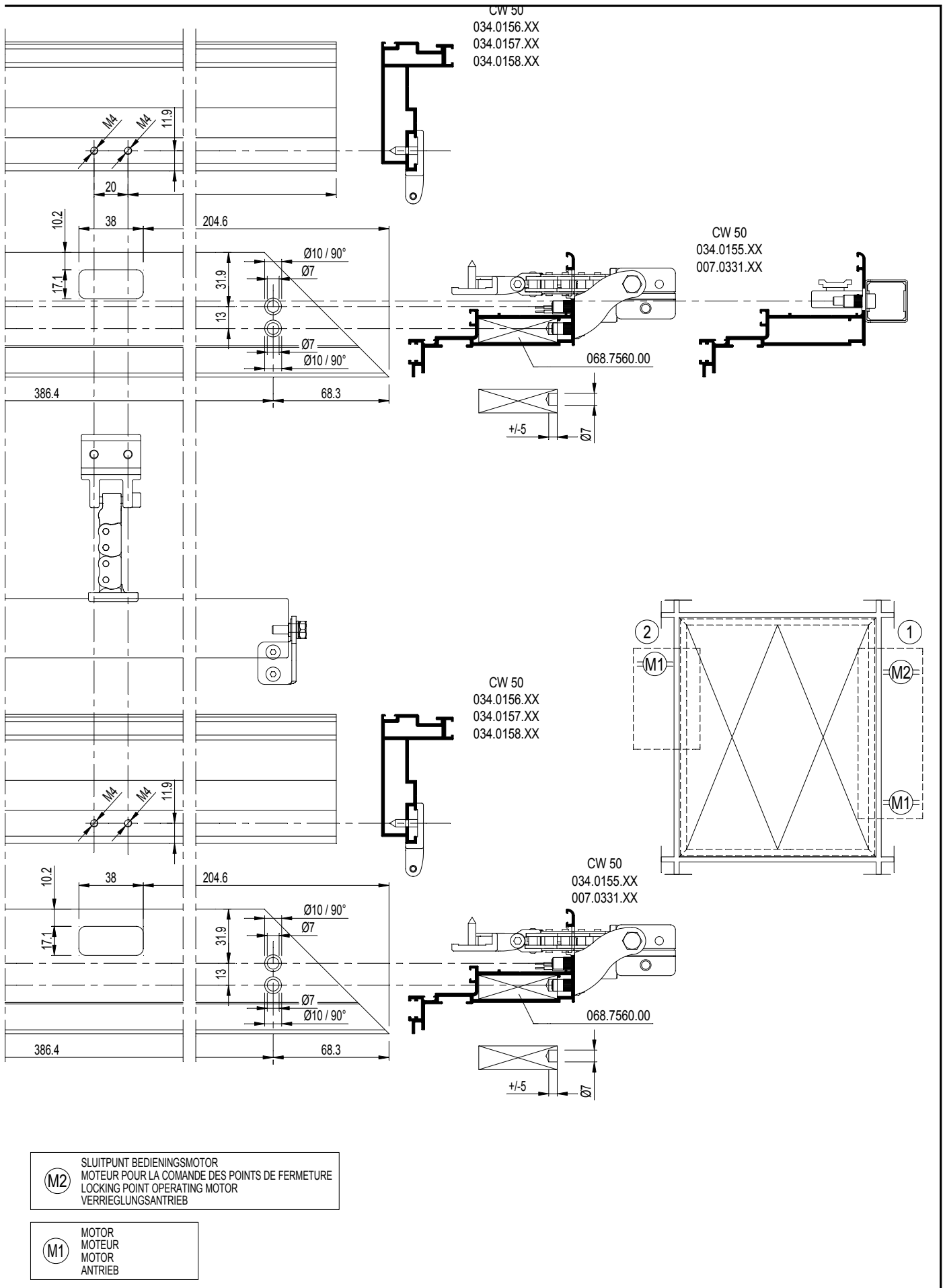
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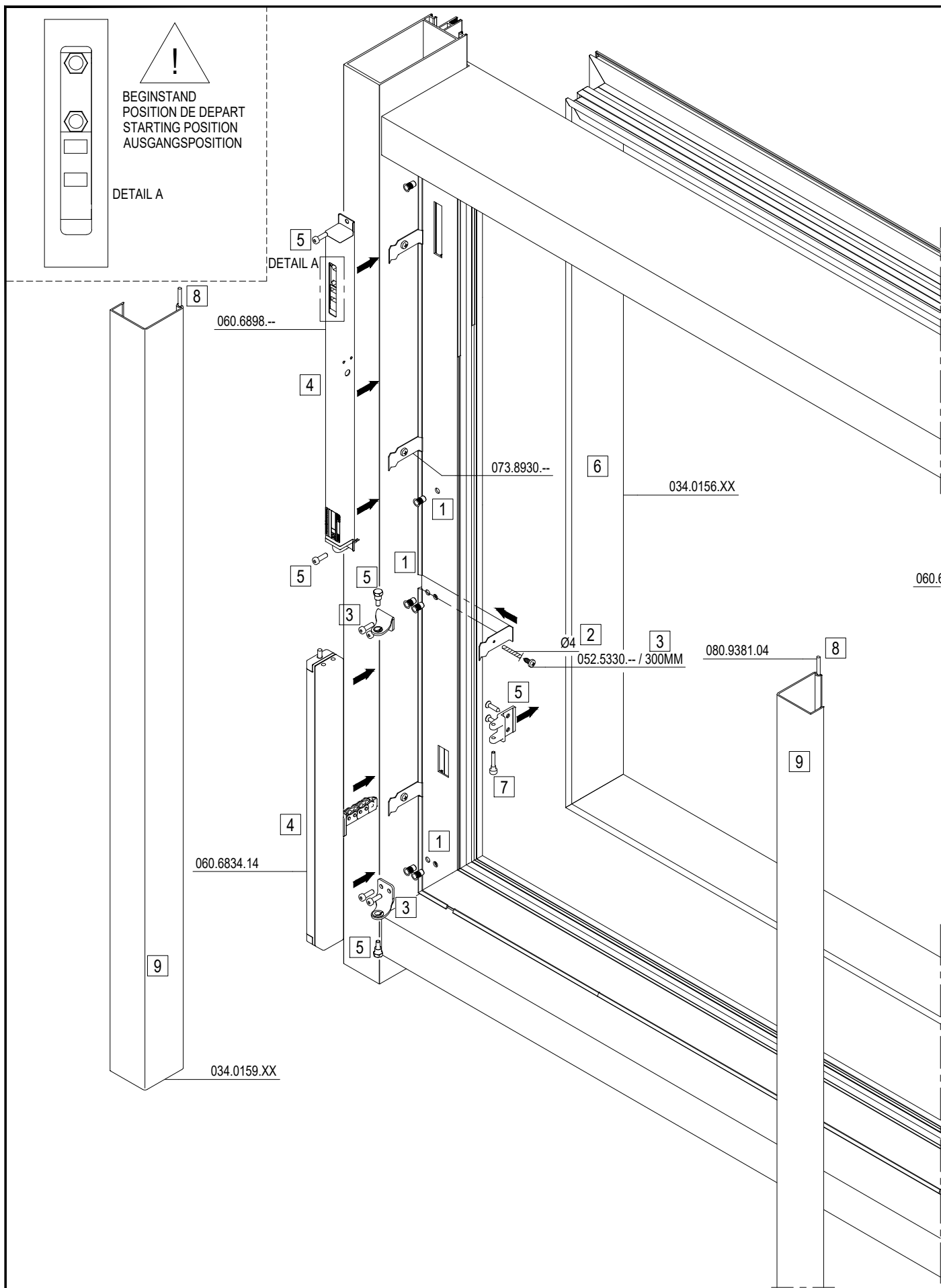


②



=M1=		BRACKET SET	
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060.6835.14	25.005.05		
		EXTRA	
=M2=		REYNAERS NR.	D+H NR.
REYNAERS NR.	D+H NR.	060.6840.--	30.006.50
060.6898.--	23.060.50	060.6841.--	30.006.51





MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .

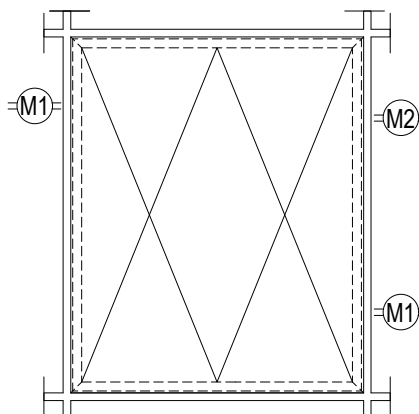
(M2)

SLUITPUNT BEDIENINGSMOTOR
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

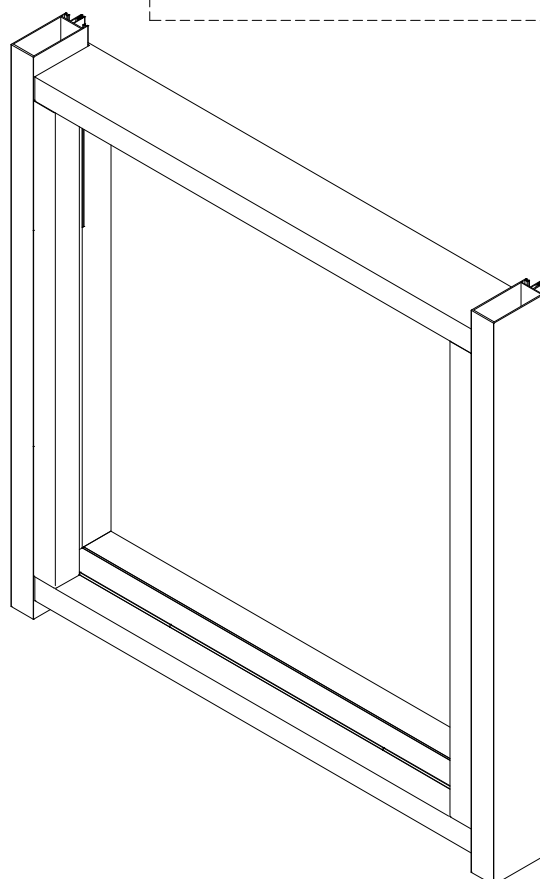
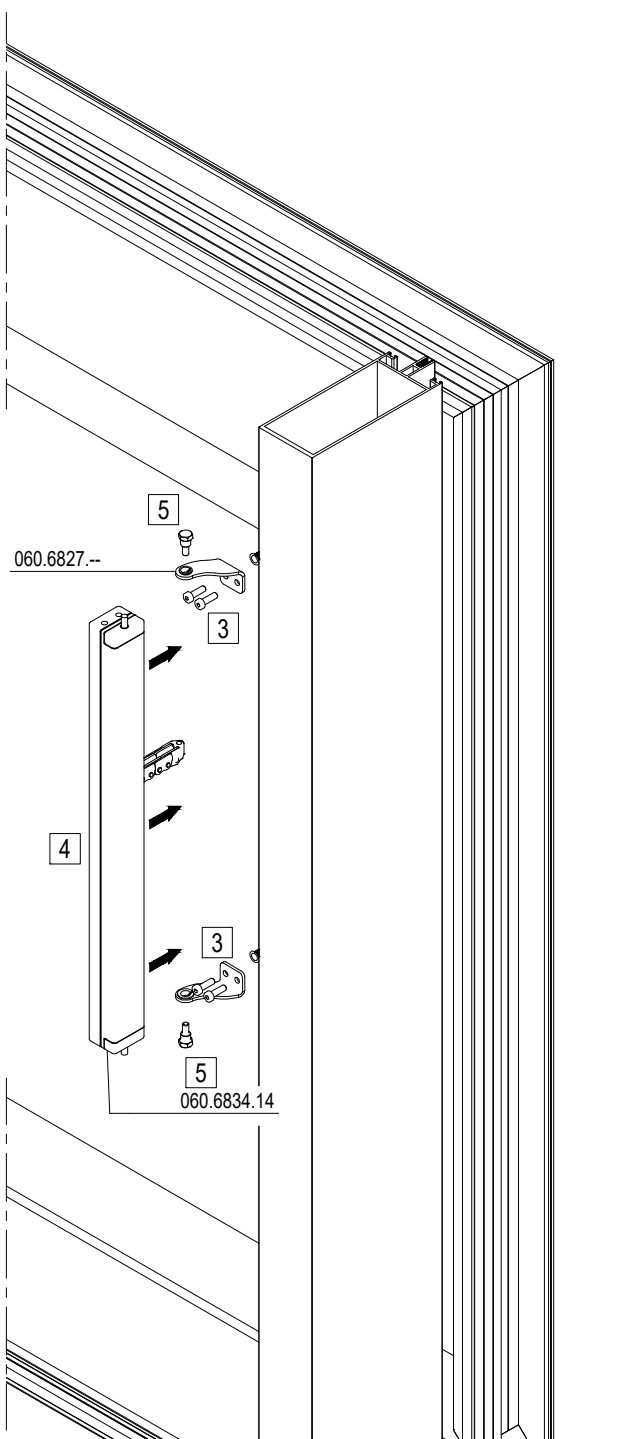
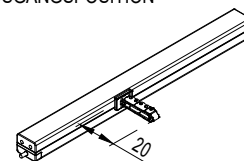
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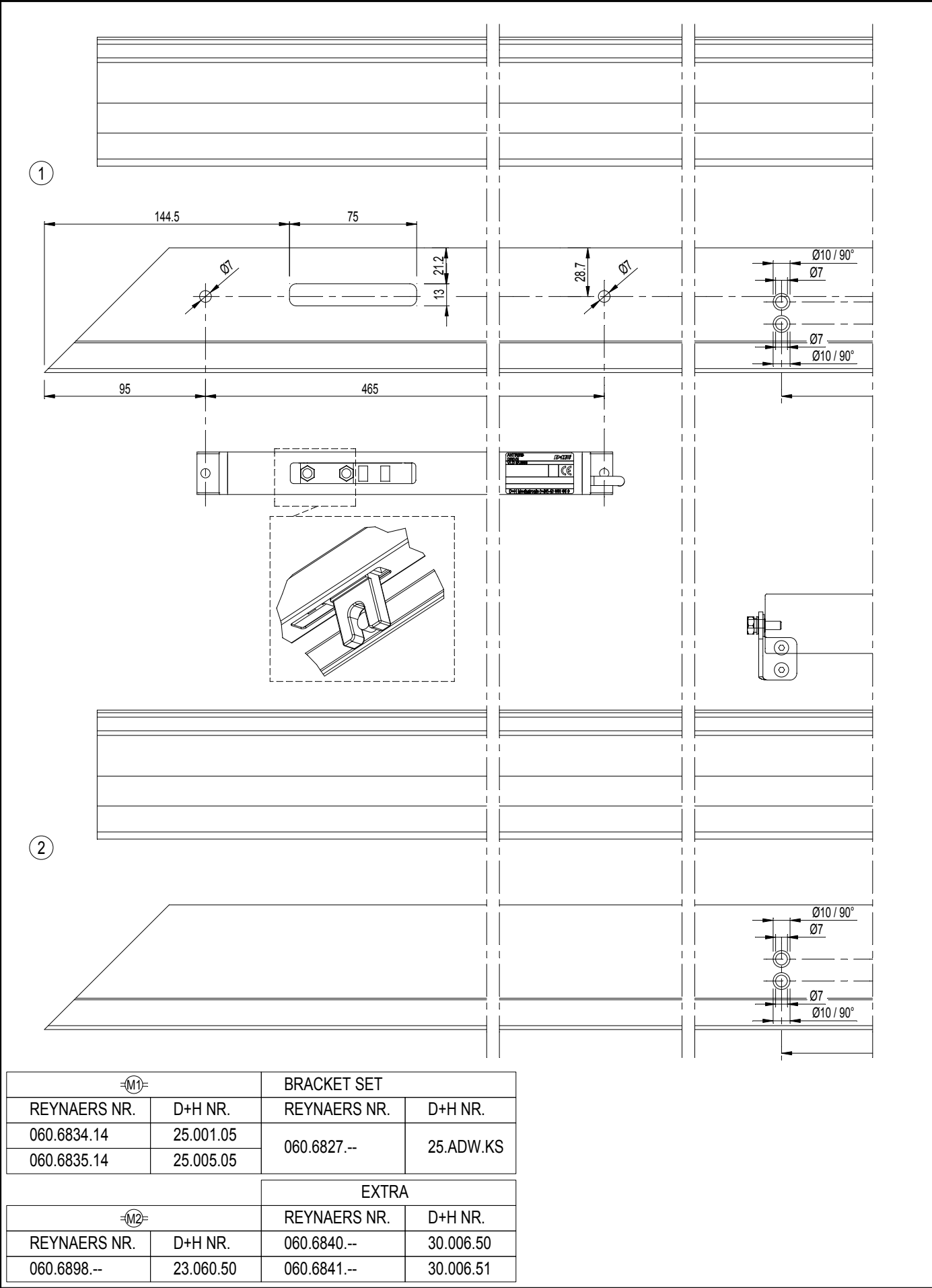
MOTOR
 MOTEUR
 MOTOR
 ANTRIEB

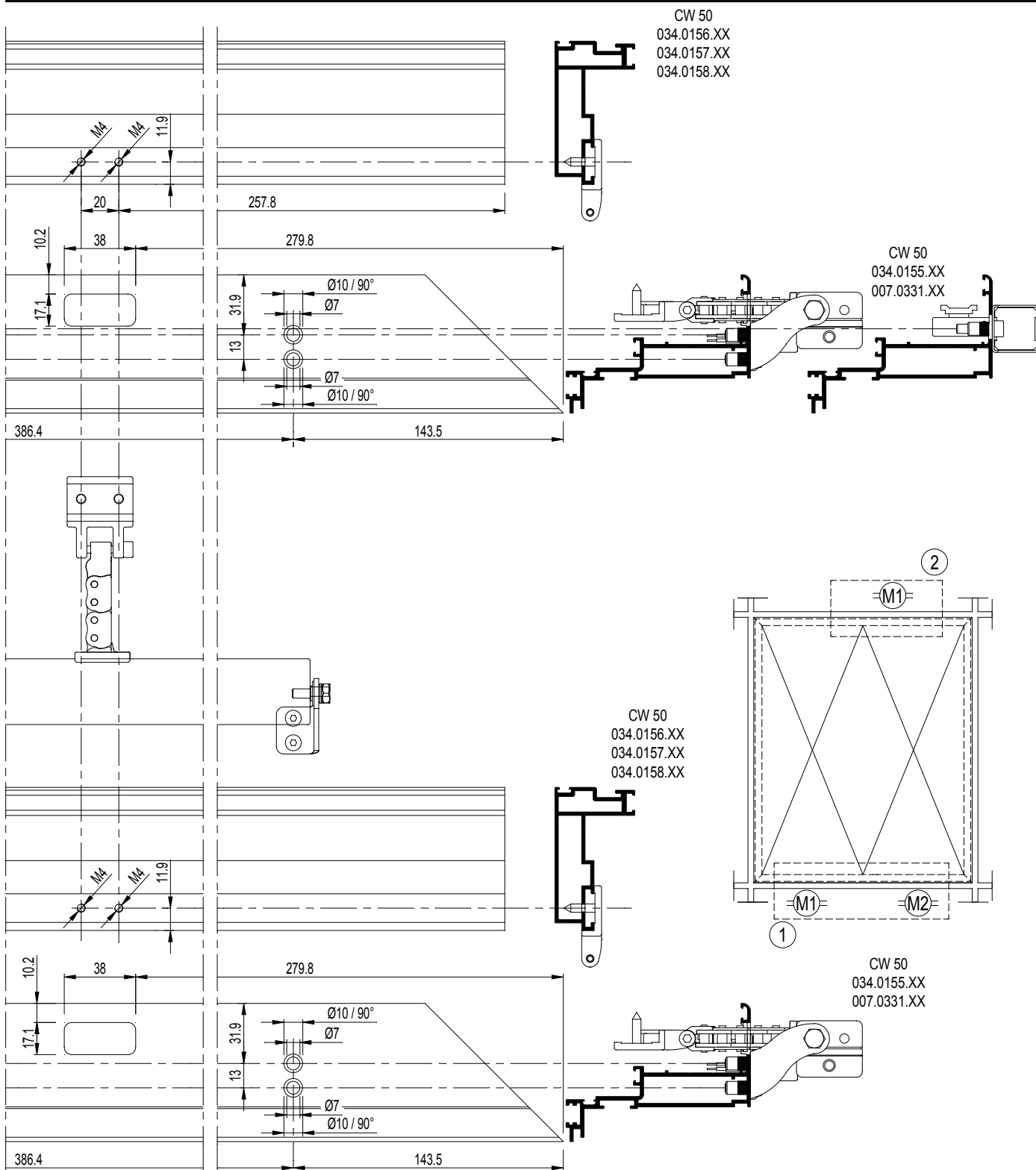
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BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION





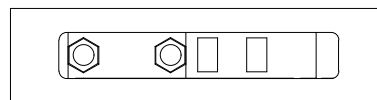


M2

SLUITPUNT BEDIENINGSMOTOR
MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
LOCKING POINT OPERATING MOTOR
VERRIEGLUNGSANTRIEB

M1

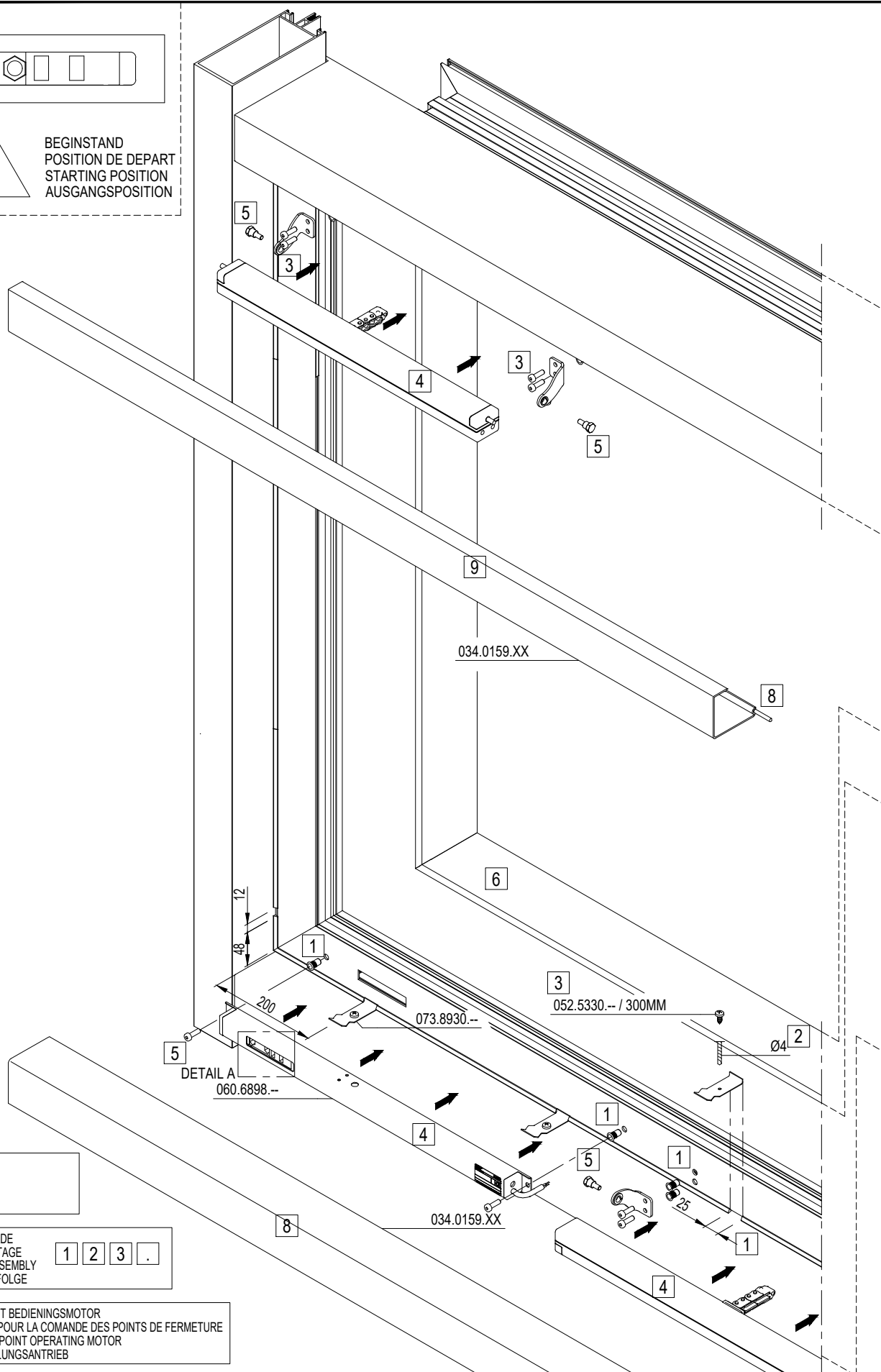
MOTOR
MOTEUR
MOTOR
ANTRIEB



DETAIL A



BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION

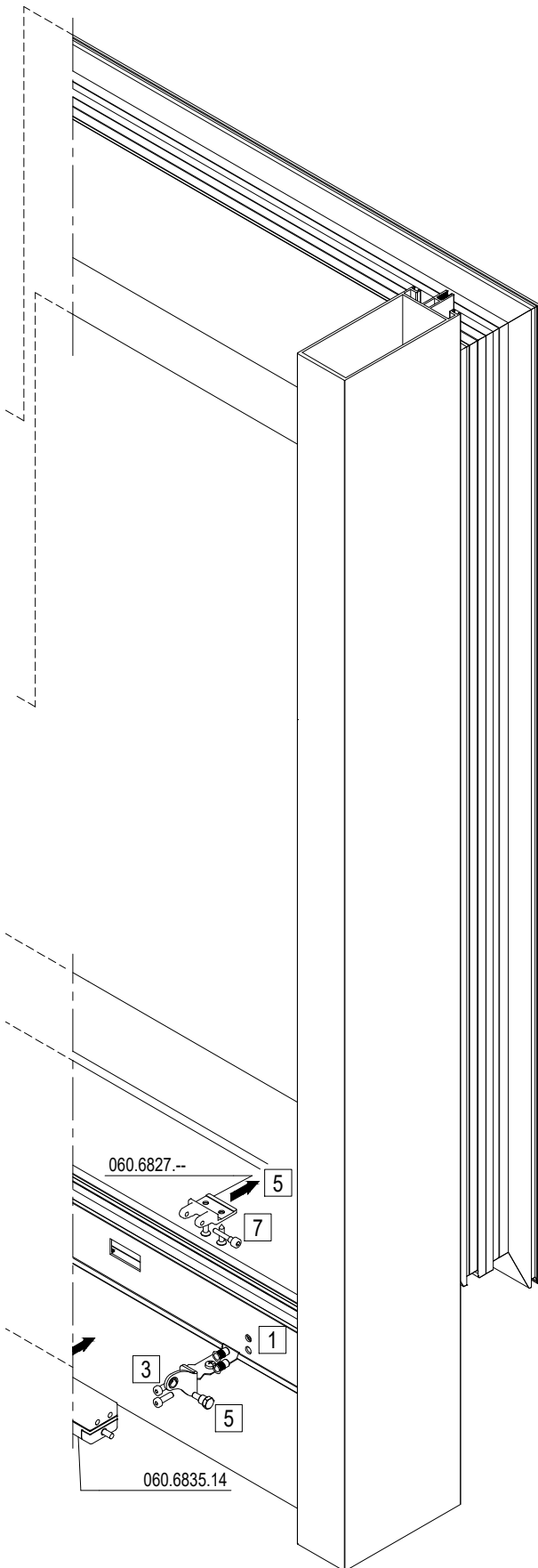


(M1)
 MOTOR
 MOTEUR
 MOTOR
 ANTRIEB

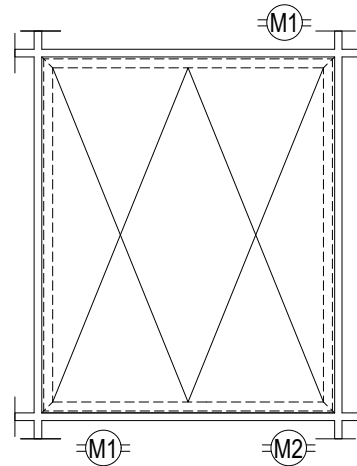
MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

1 2 3 .

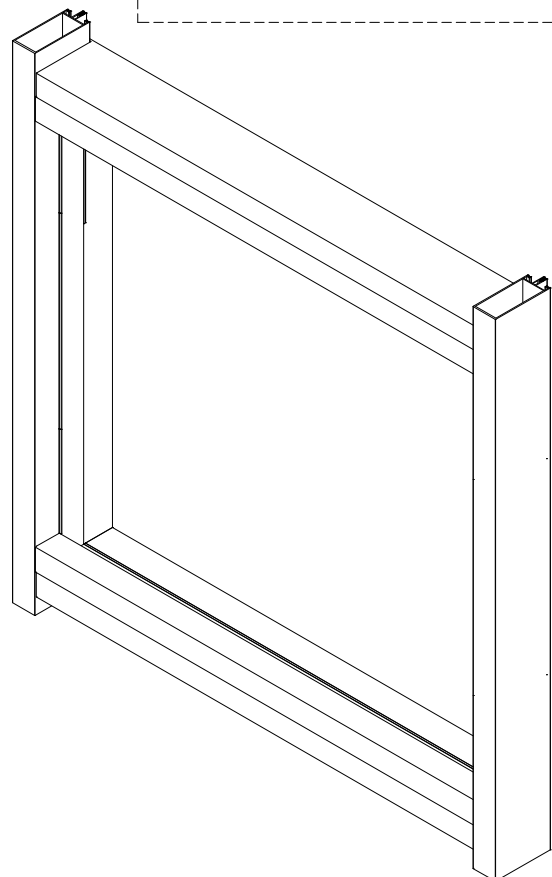
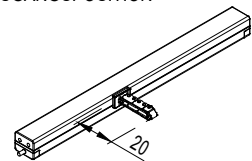
(M2)
 SLUITPUNT BEDIENINGSMOTOR
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

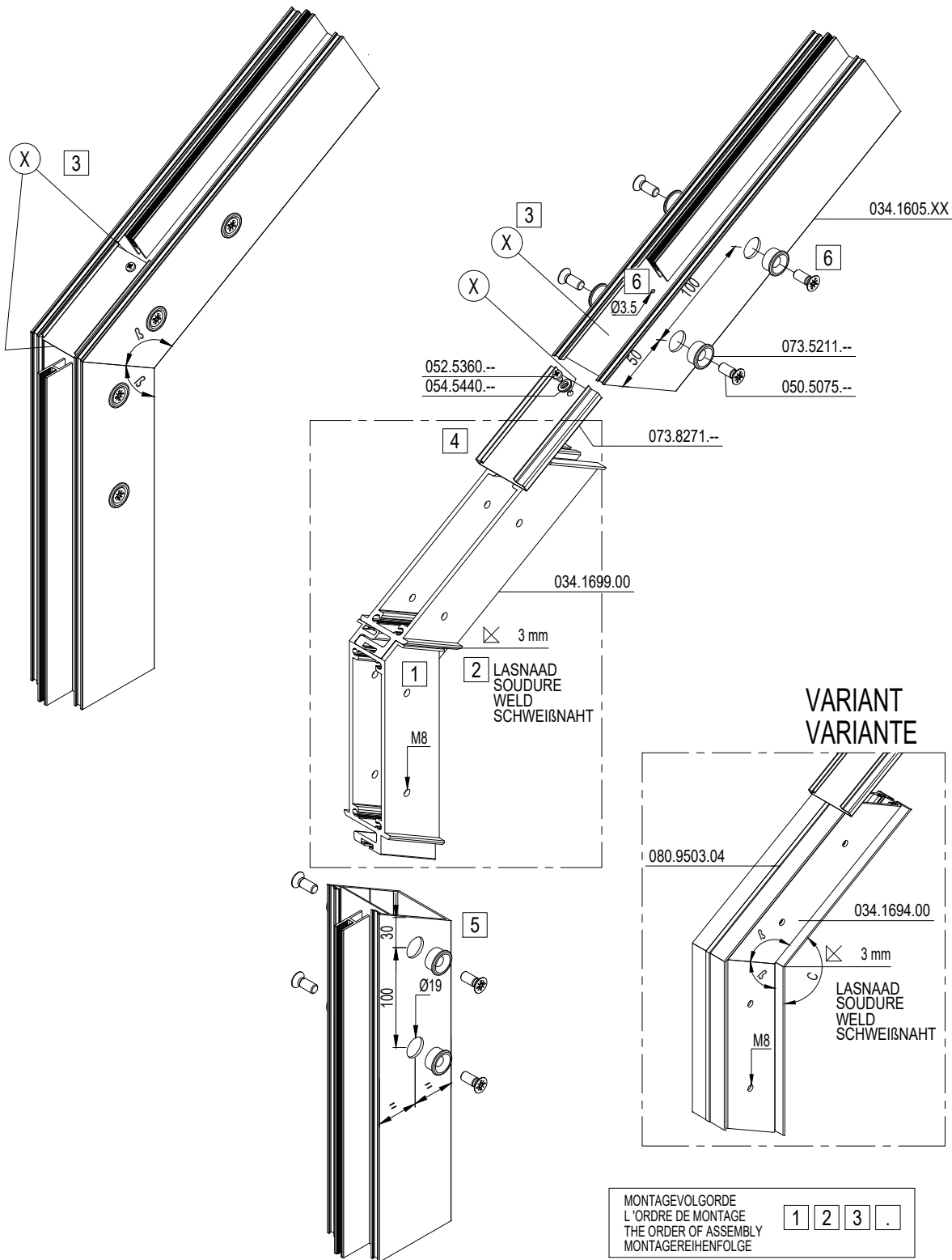


CW 50
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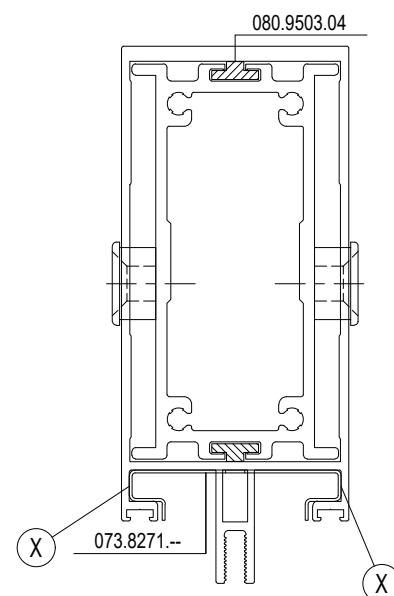
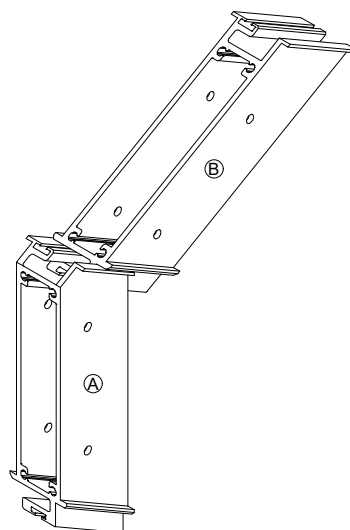
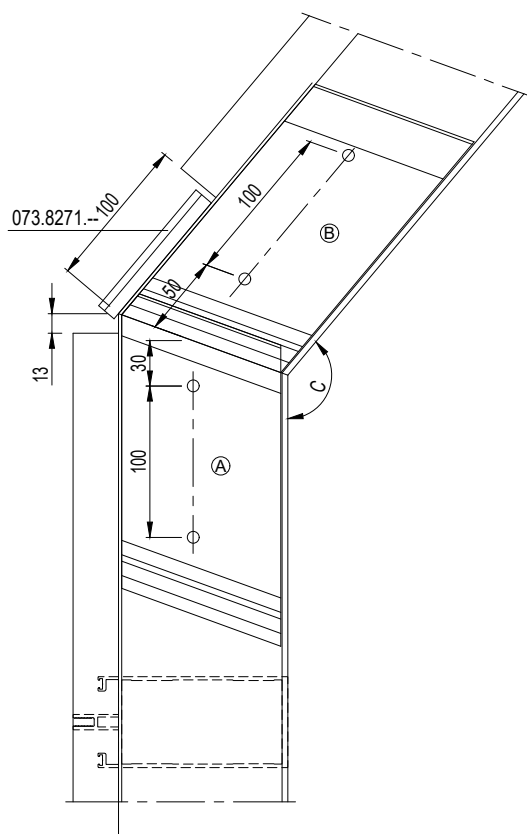
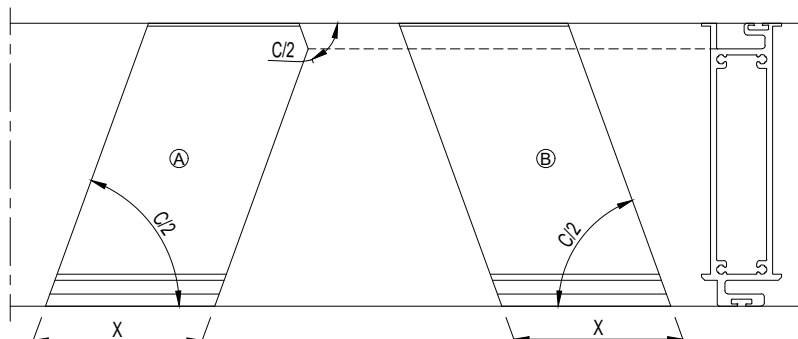


BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION

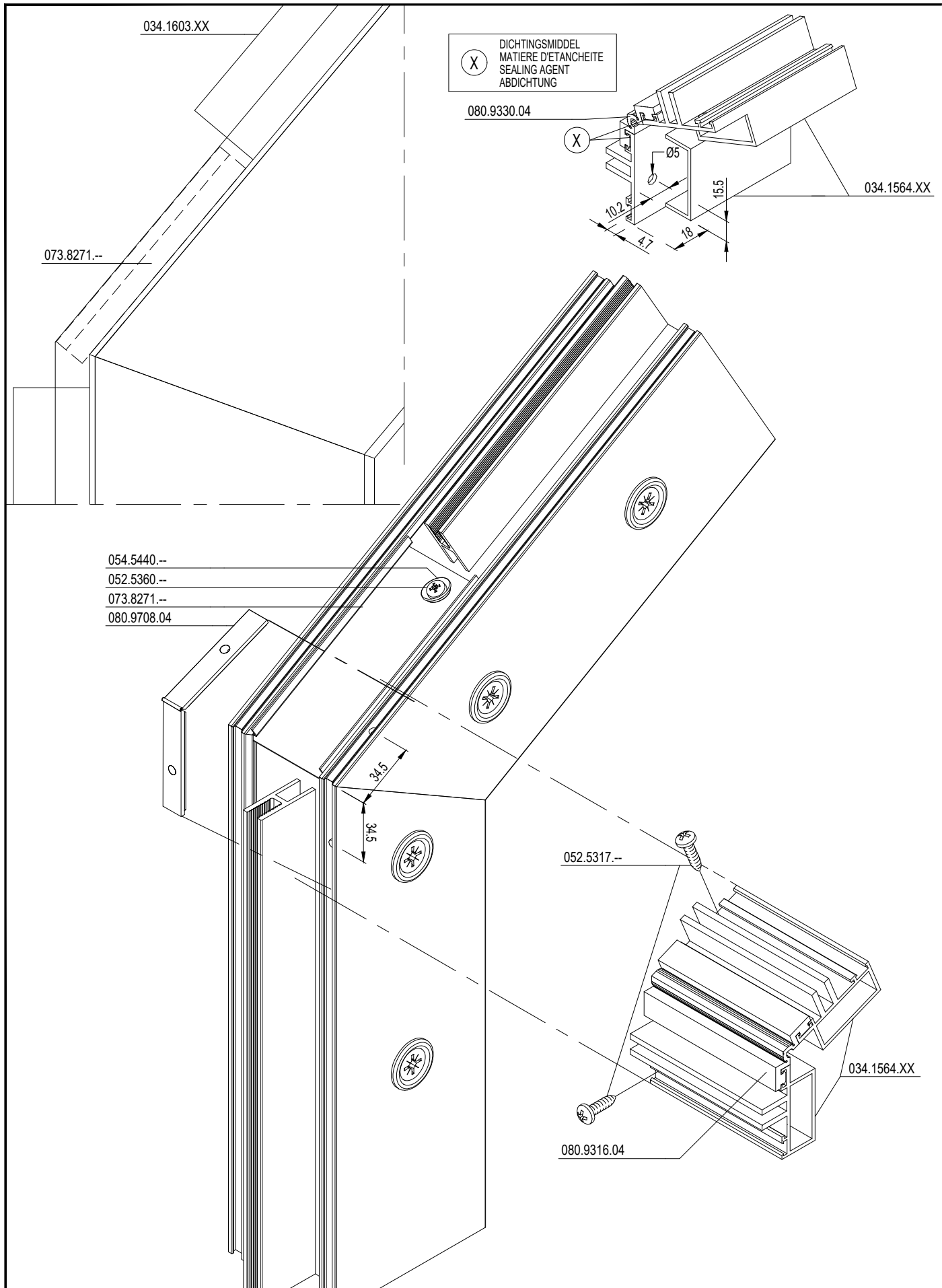


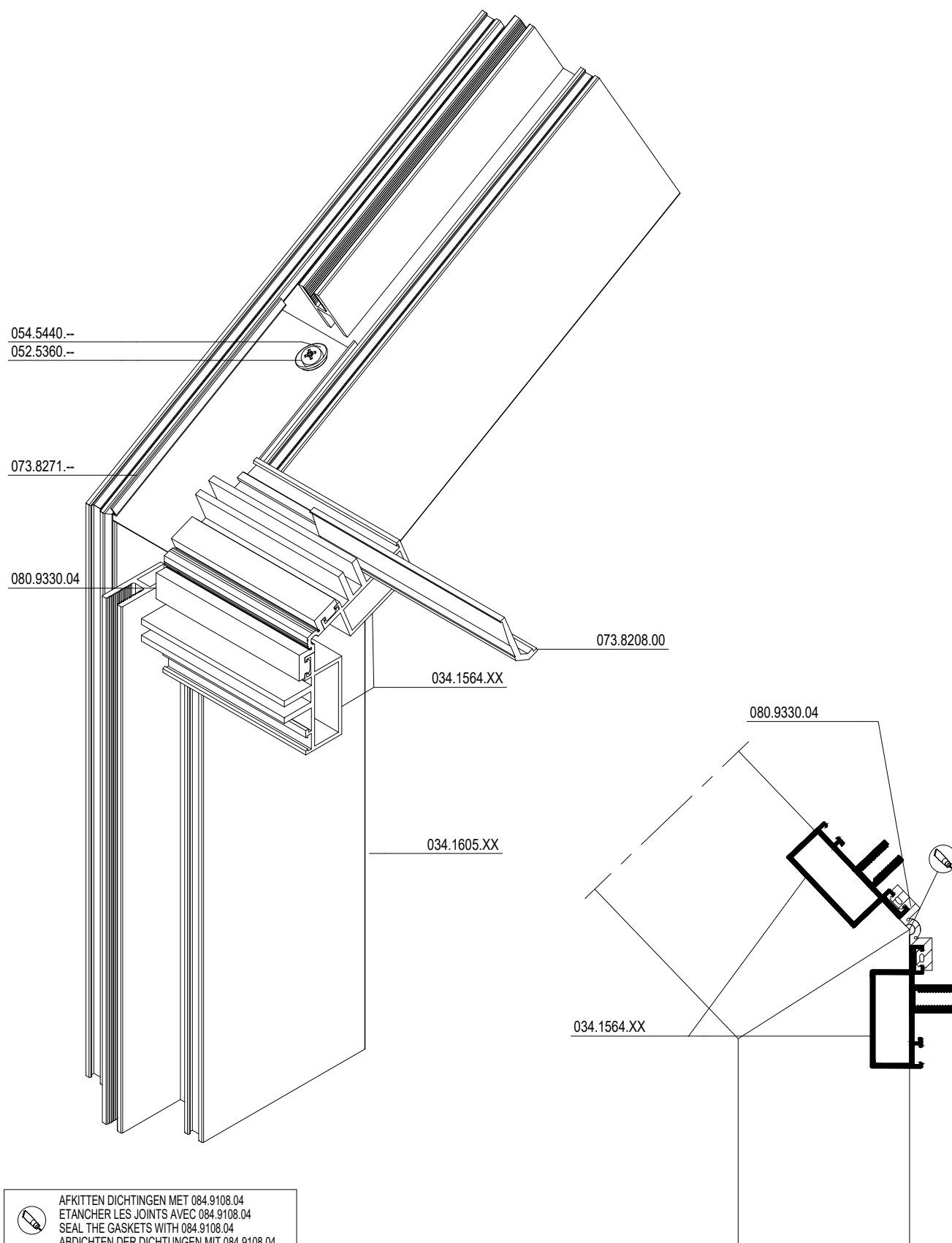


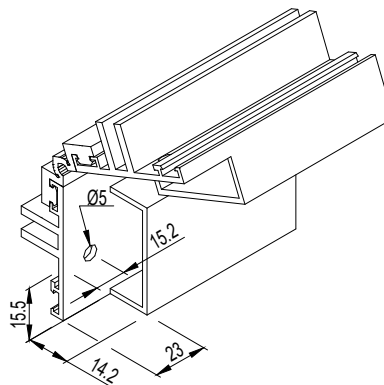
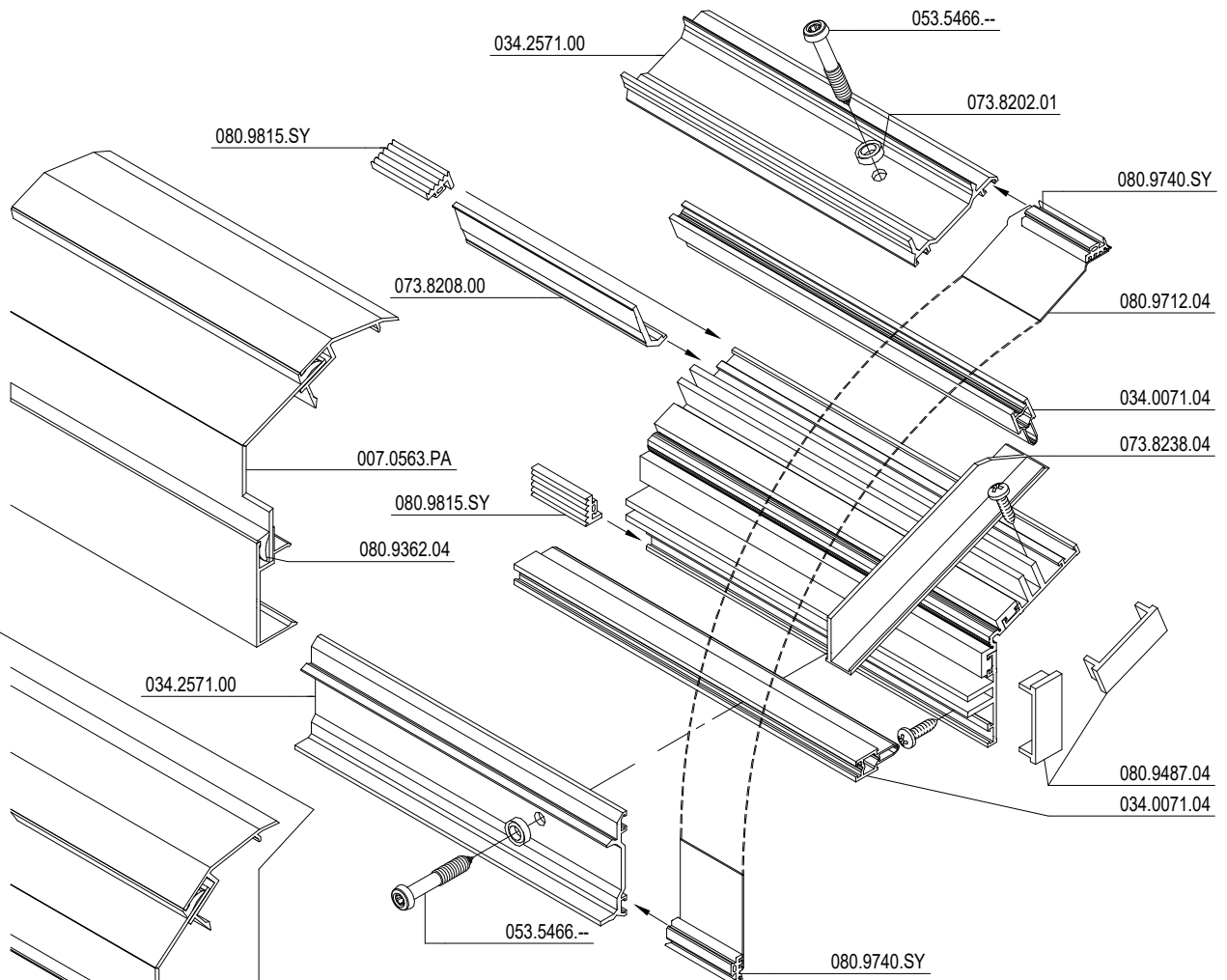
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034.1604.XX	84
034.1605.XX	105
034.1606.XX	126
034.1607.XX	146
034.1608.XX	168
034.1609.XX	188



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ETANCHER AVEC 084.9063.04
SEAL WITH 084.9063.04
ABDICHTEN MIT 084.9063.04

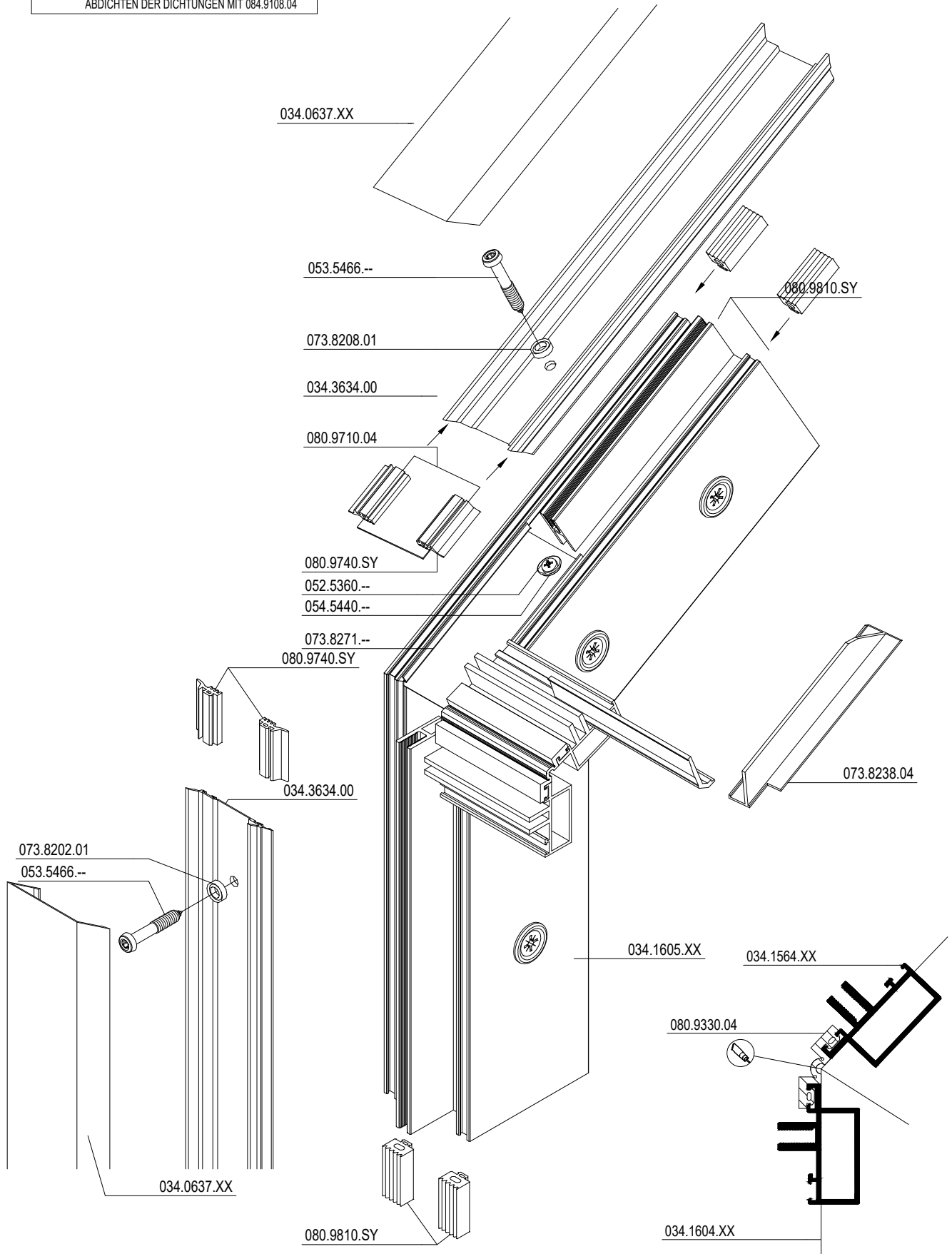


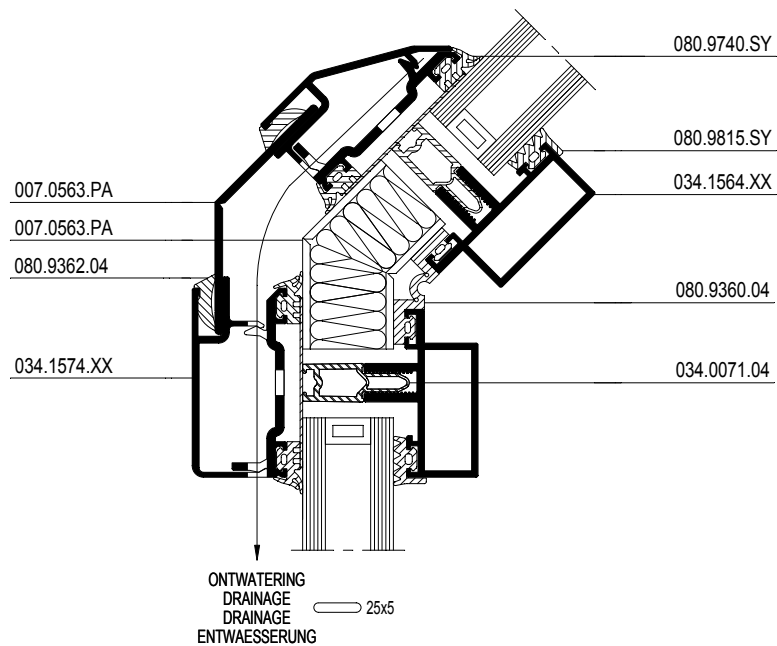






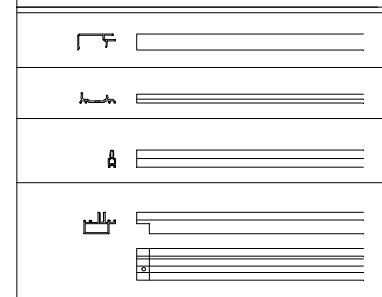
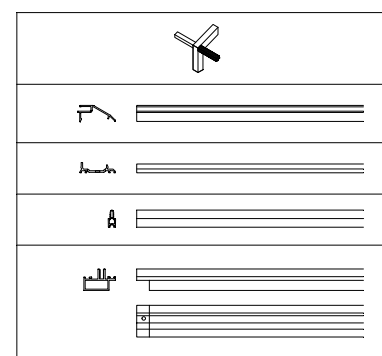
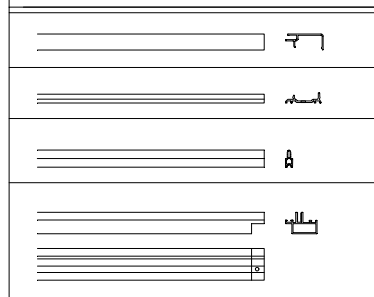
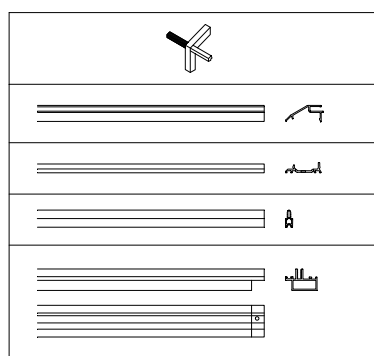
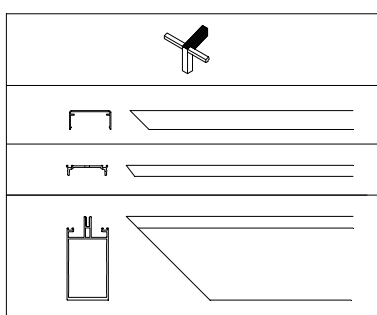
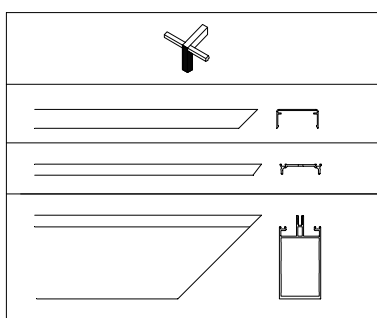
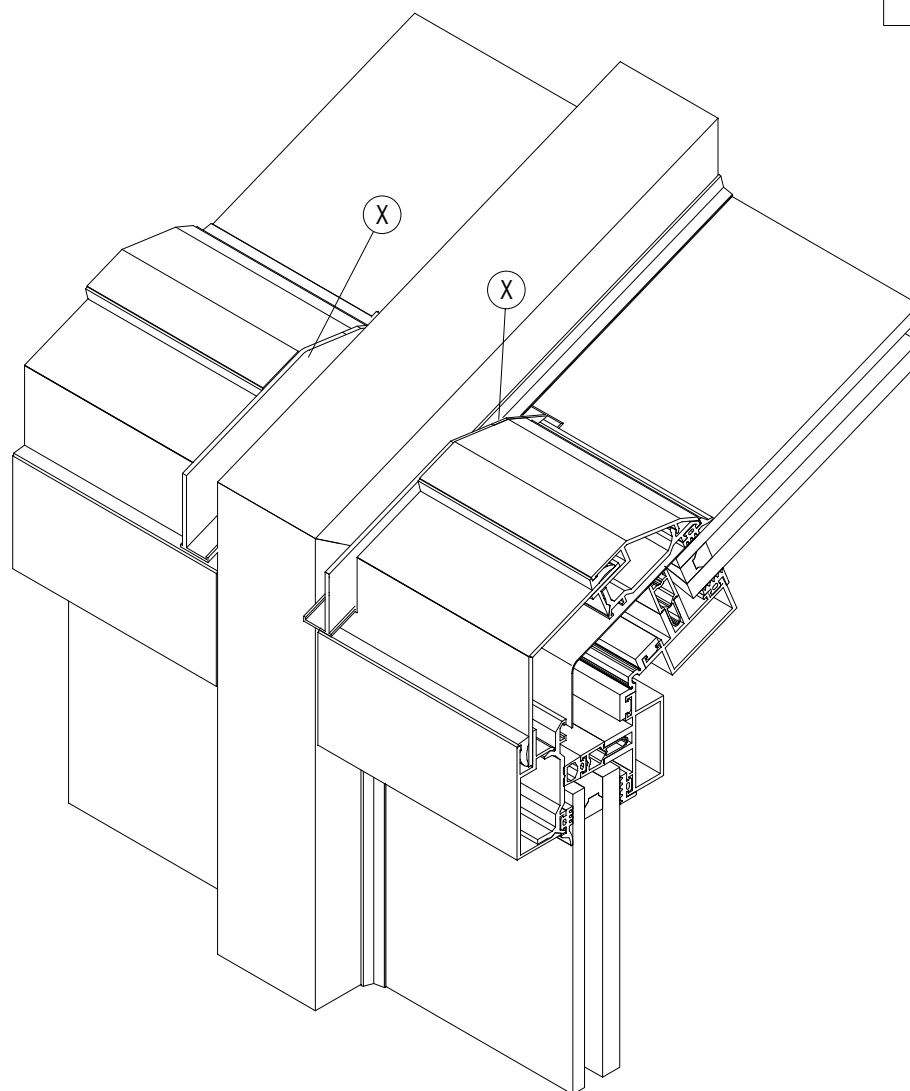
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ETANCHER LES JOINTS AVEC 084.9108.04
SEAL THE GASKETS WITH 084.9108.04
ABDICHTEN DER DICTINGEN MIT 084.9108.04

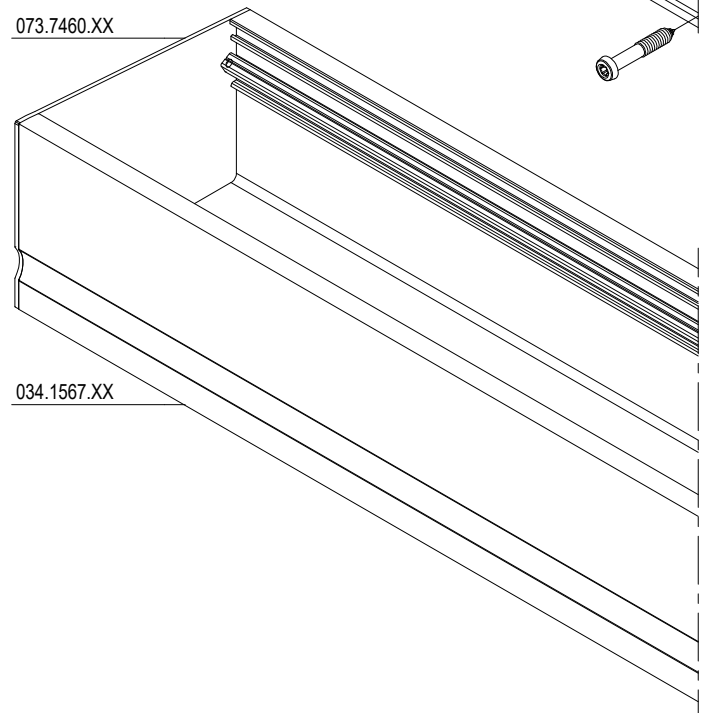
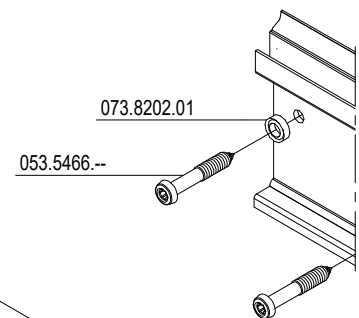
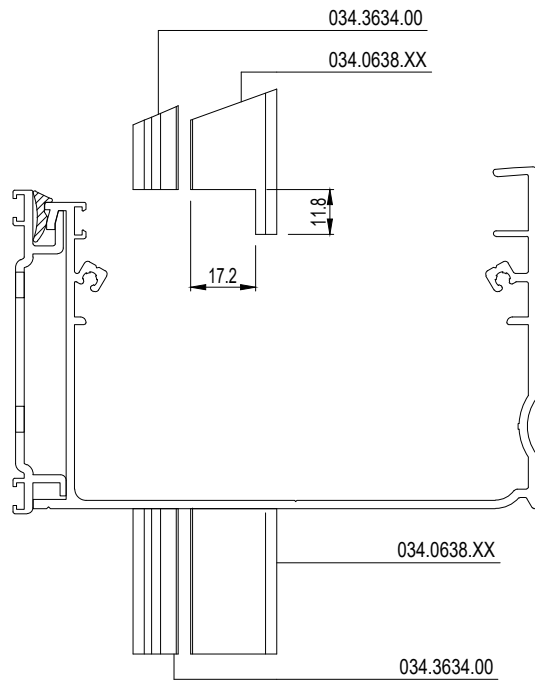


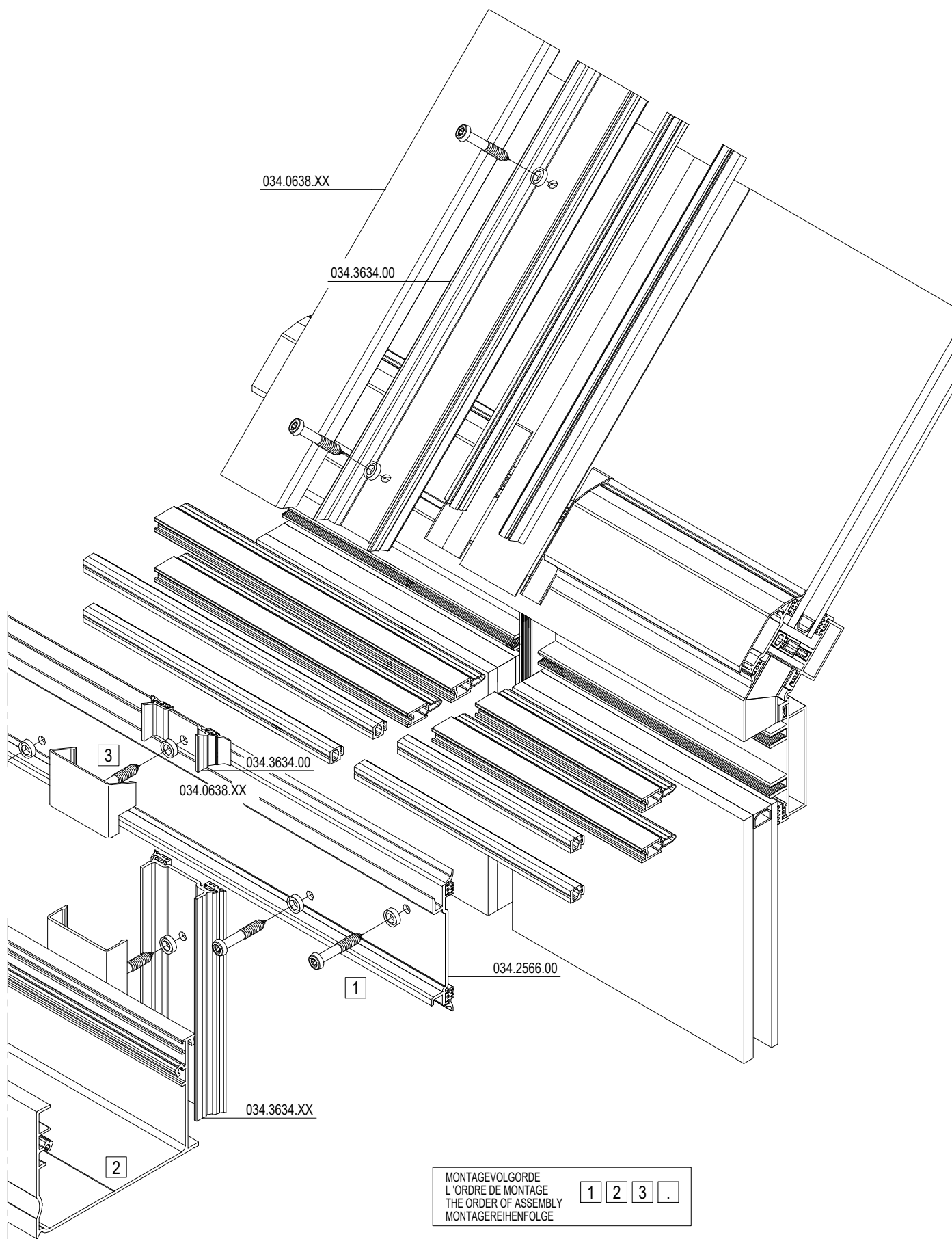


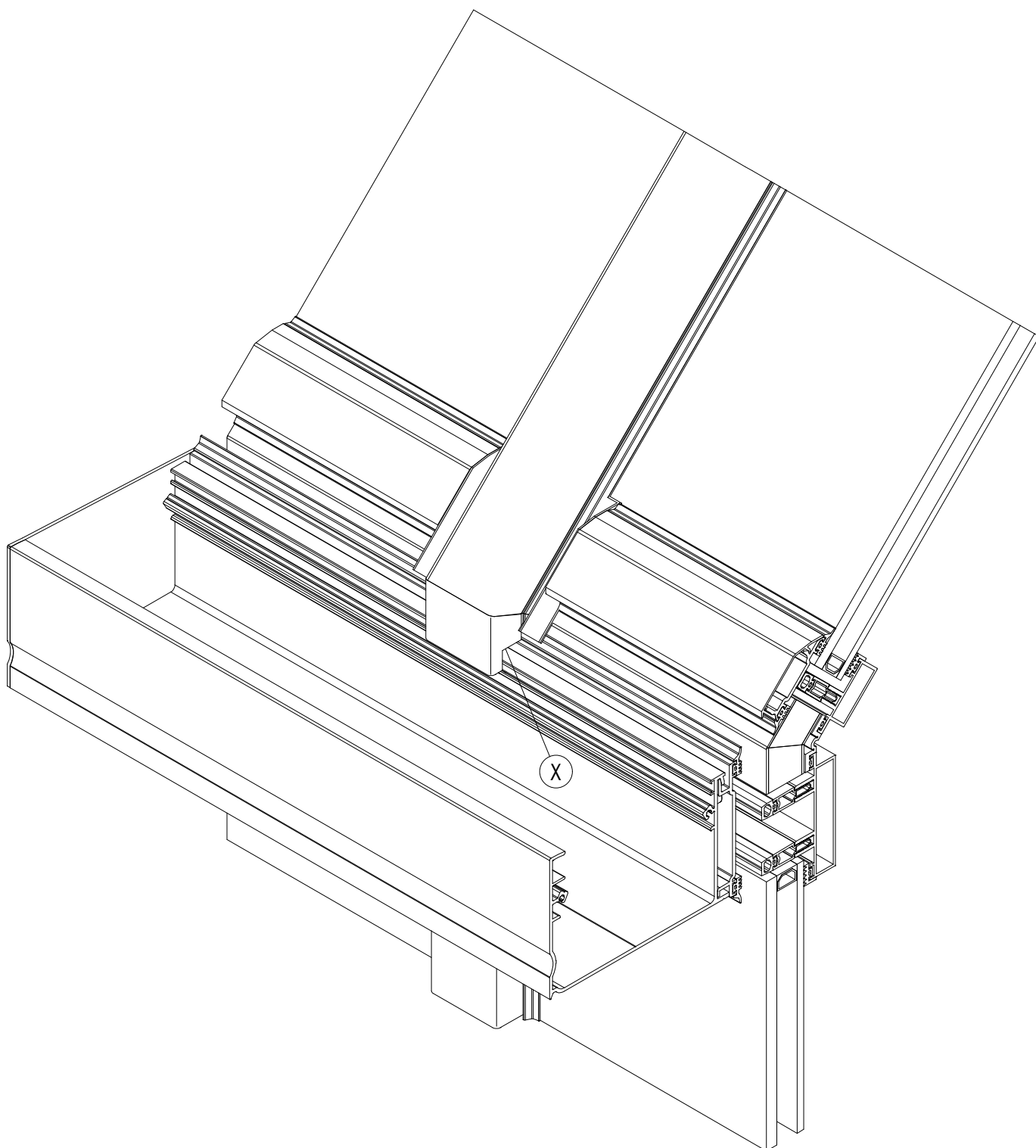


DICHTINGSMIDDEL
MATIERE D'ÉTANCHEITE
SEALING AGENT
ABDICHTUNG

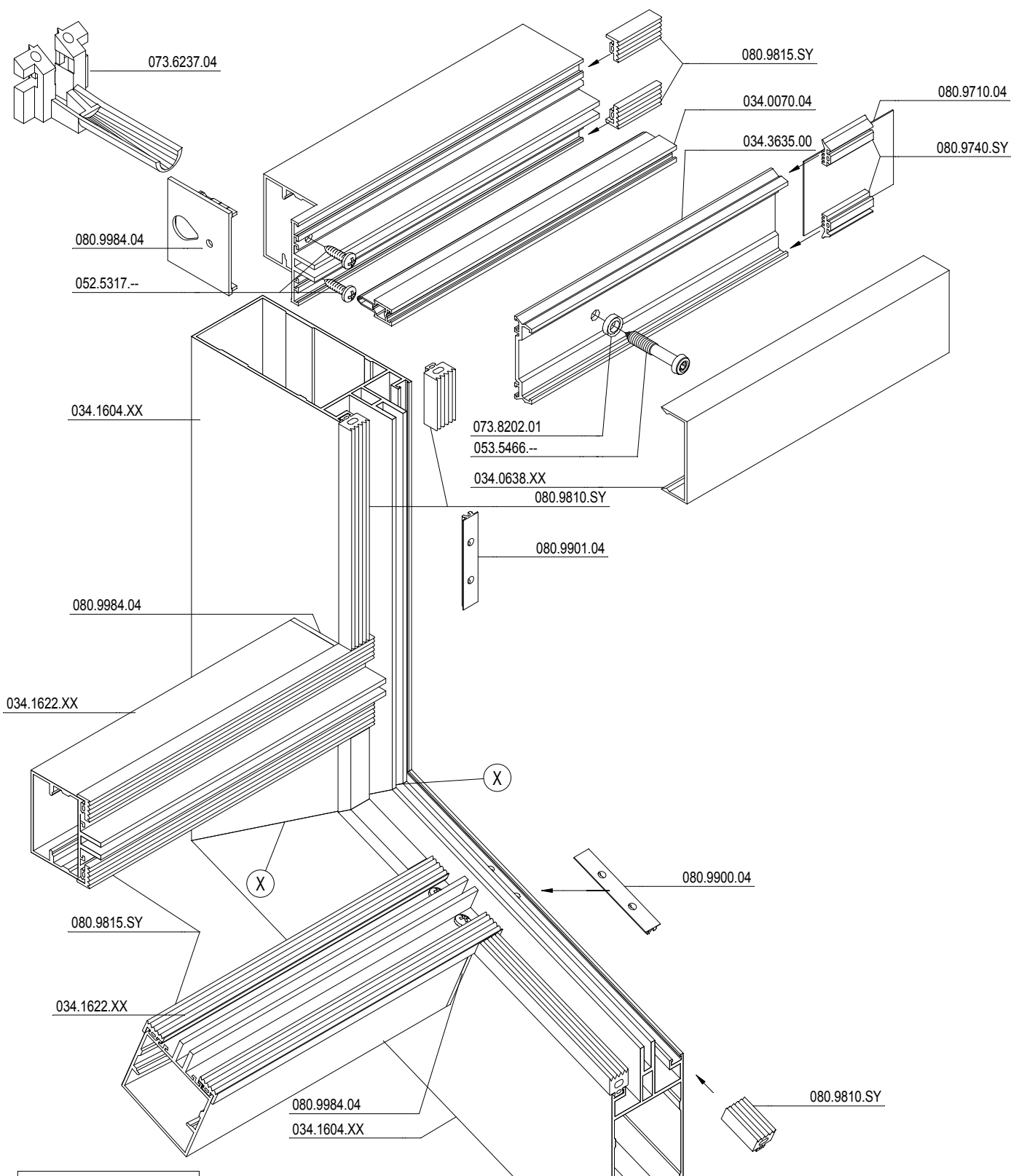




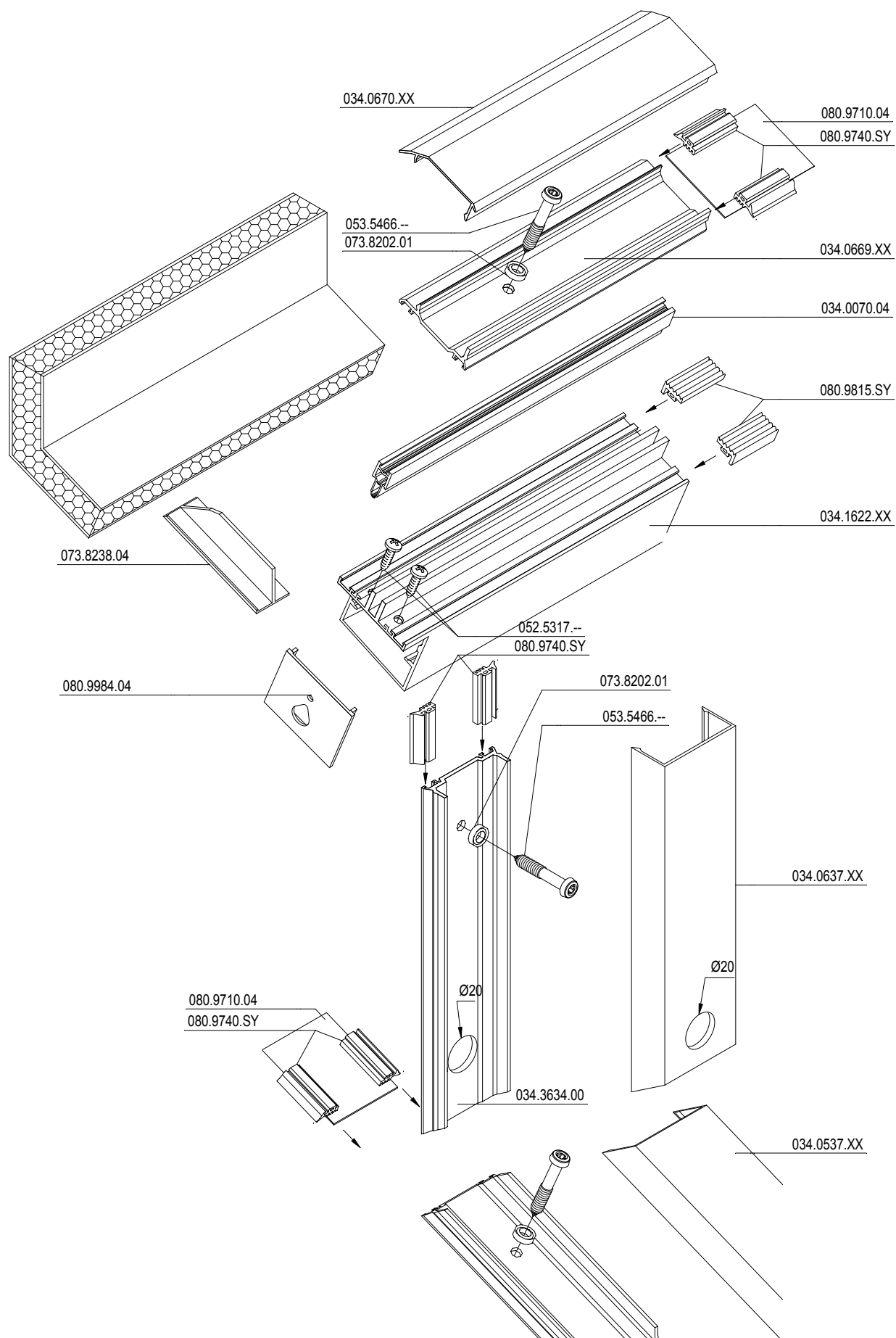


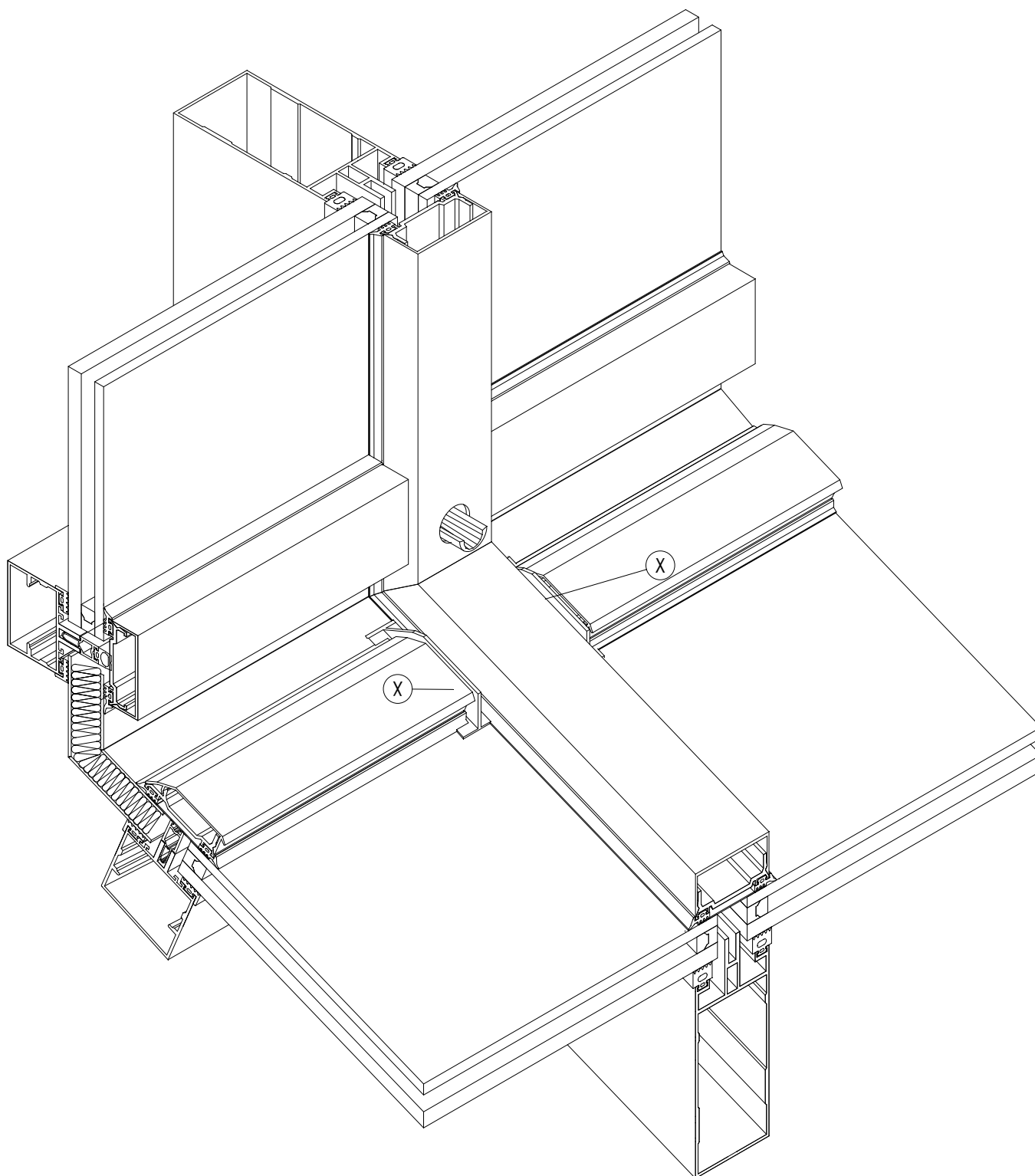


(X) DICHINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

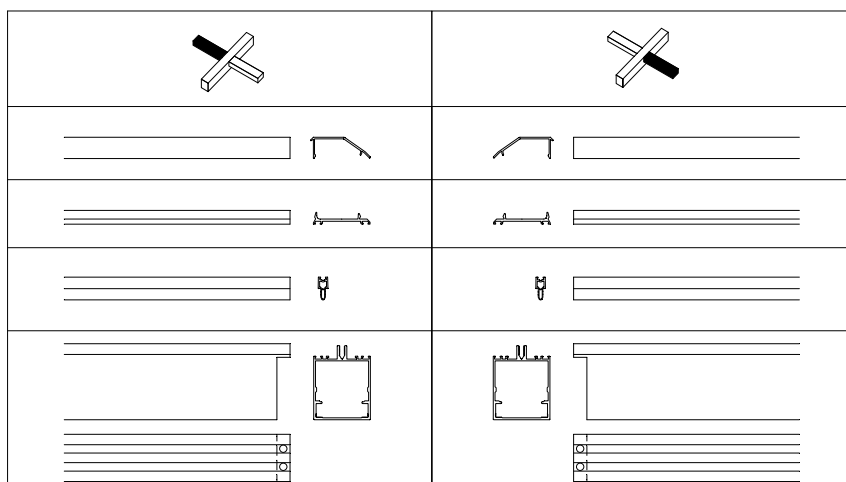
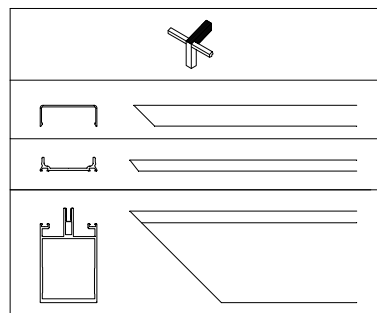
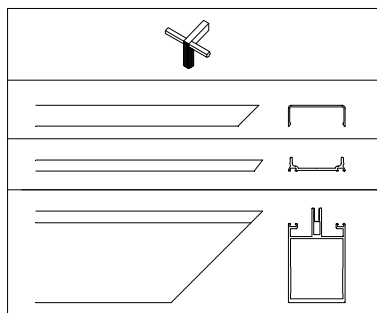
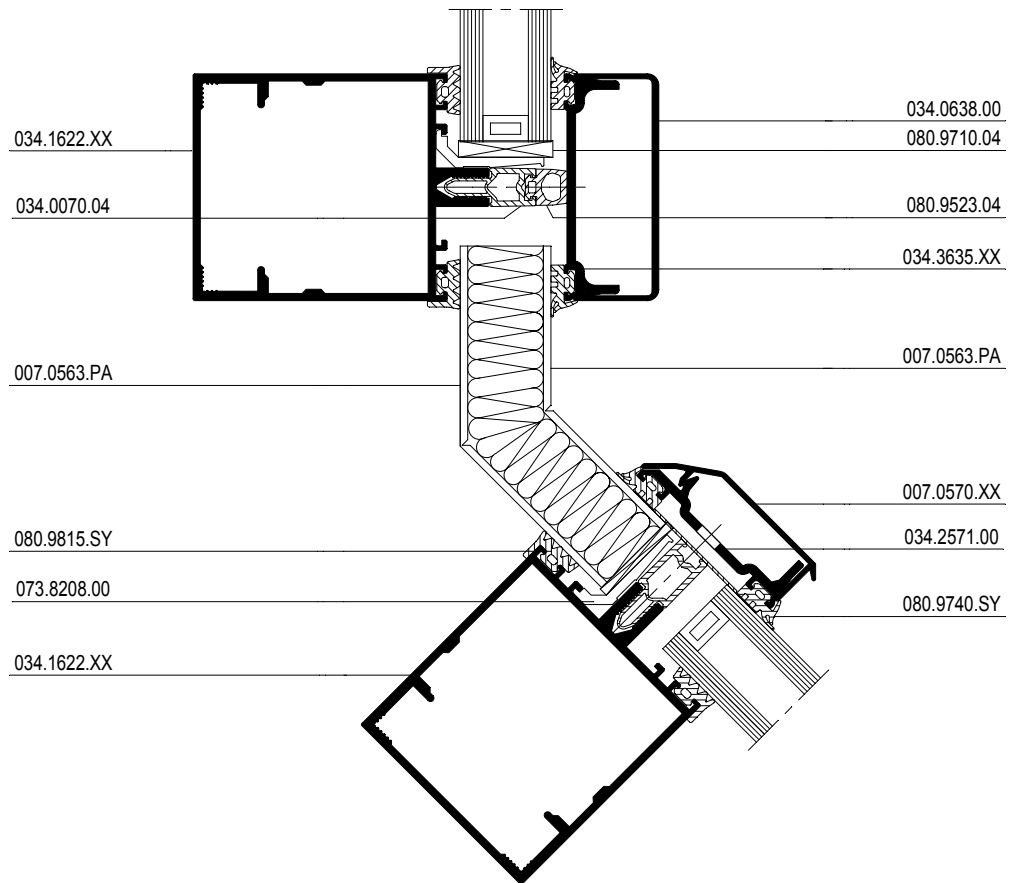


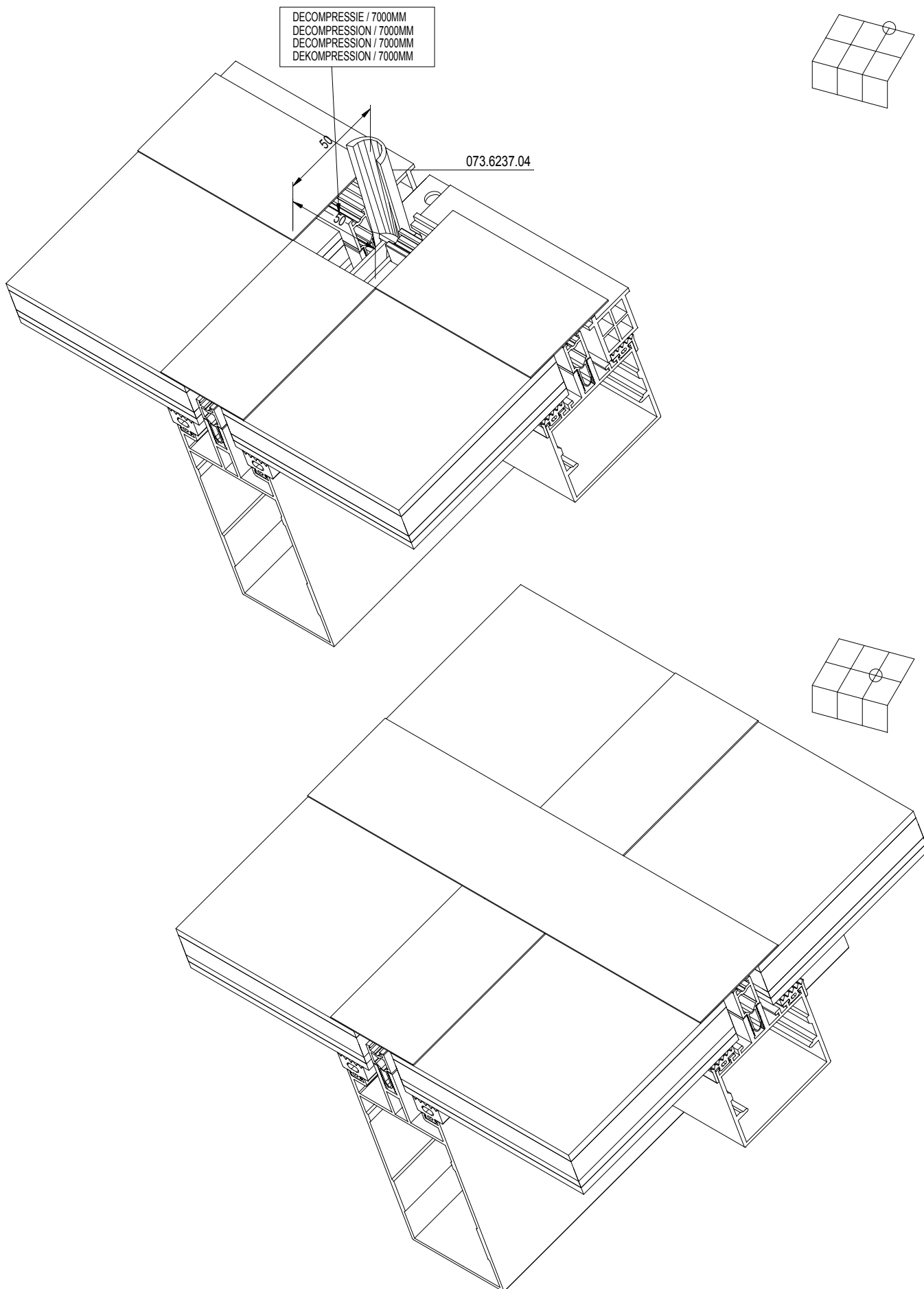
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MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

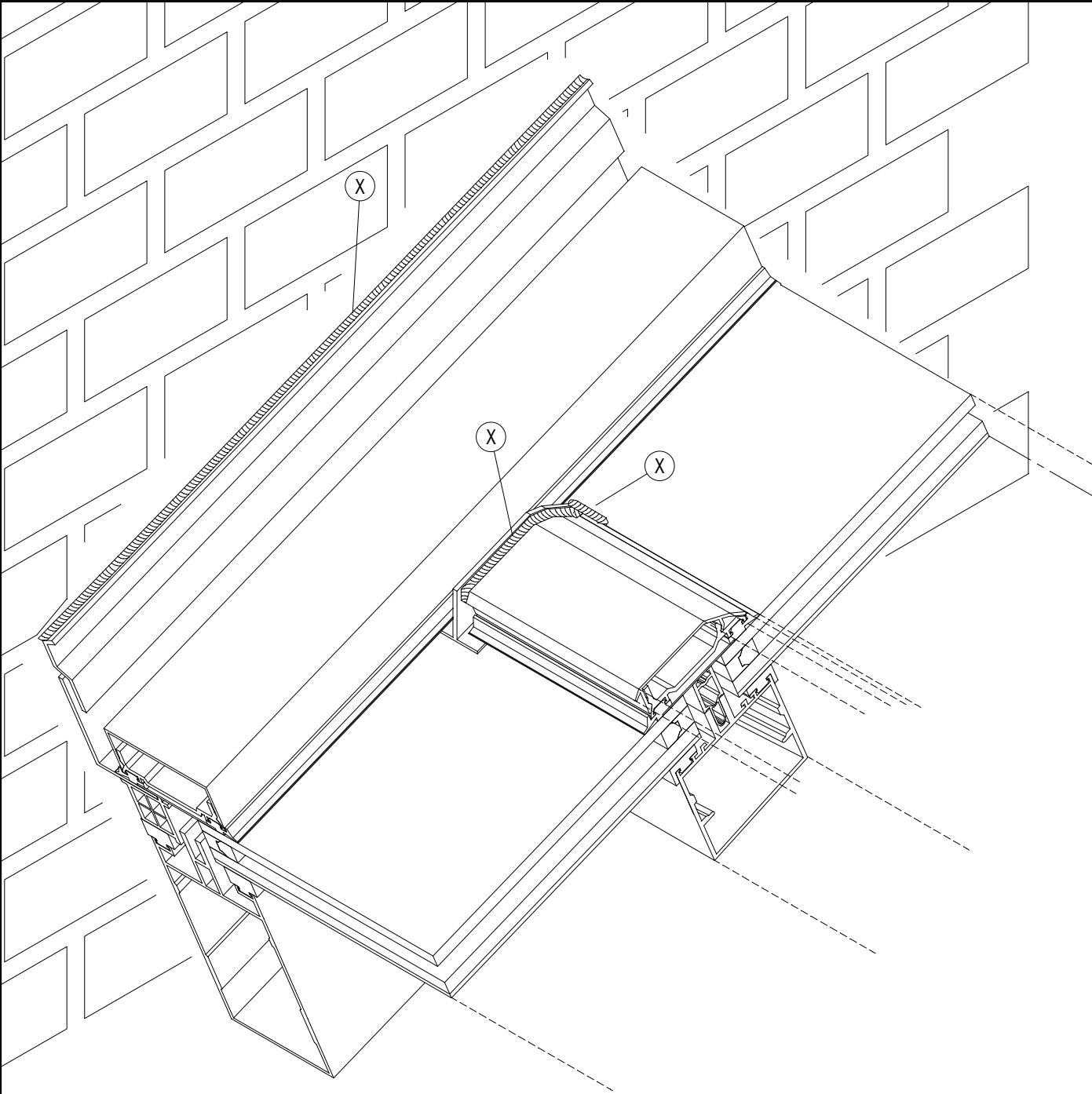




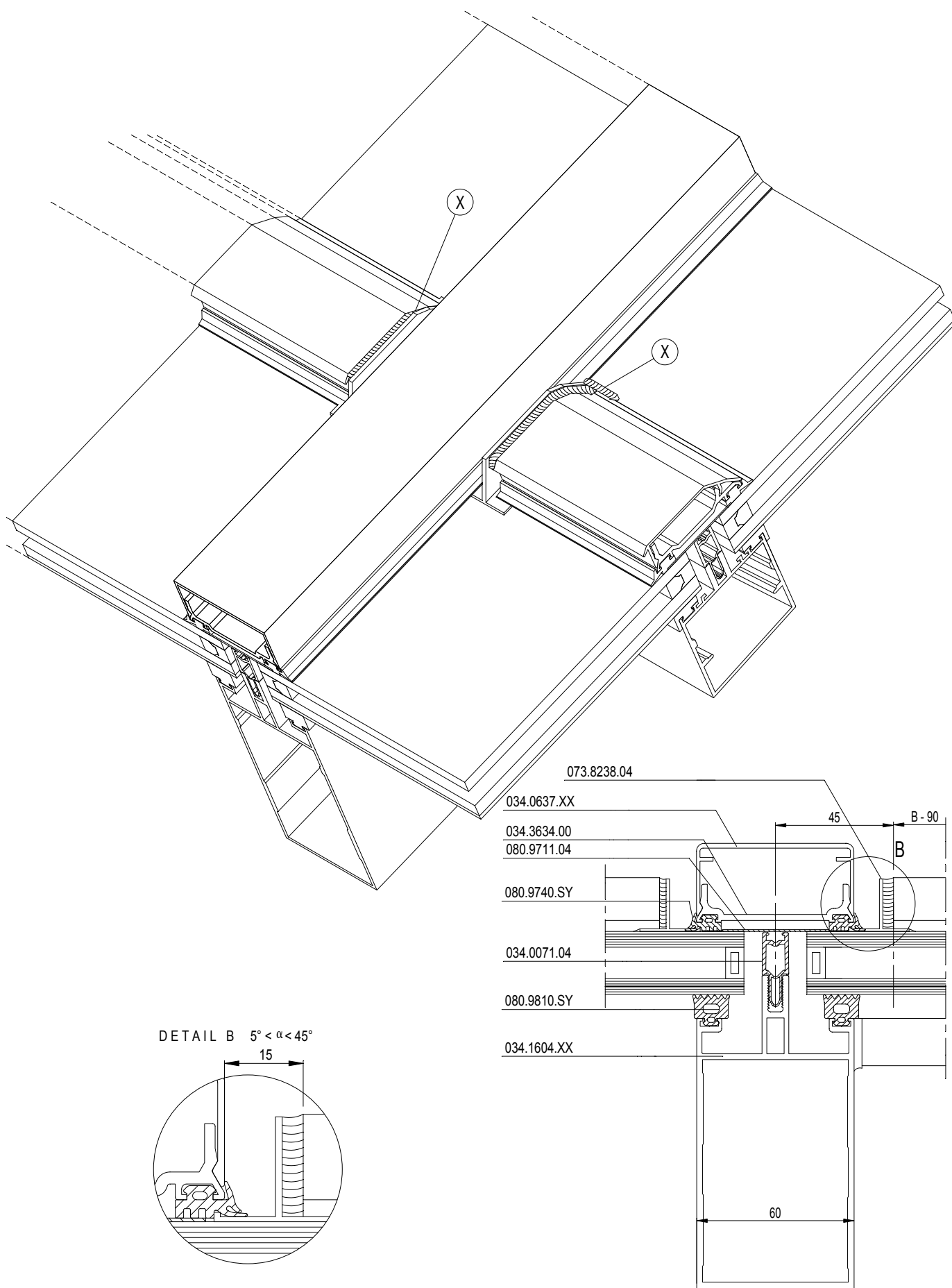
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MATIERE D'ÉTANCHEITÉ
SEALING AGENT
ABDICHTUNG

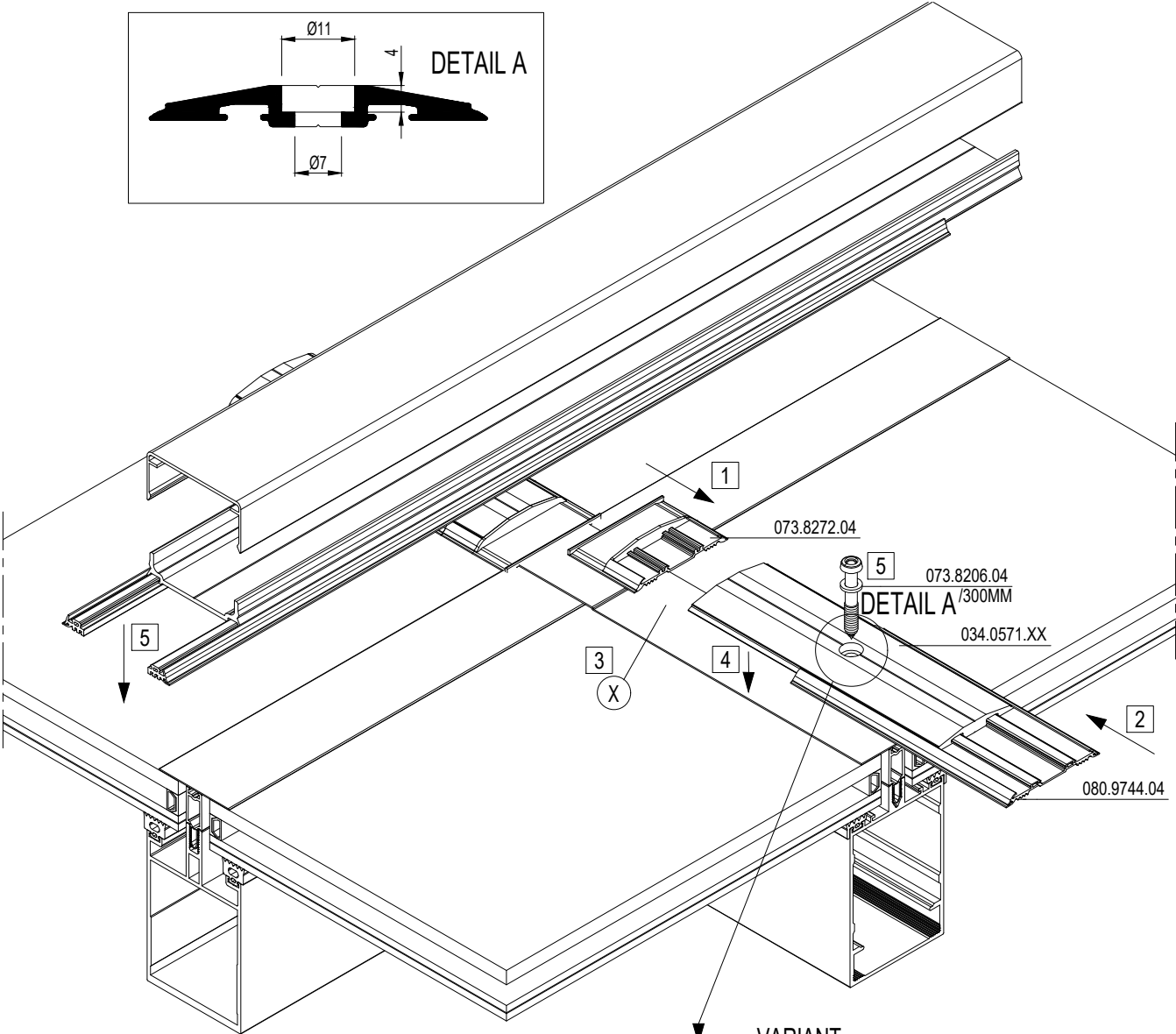






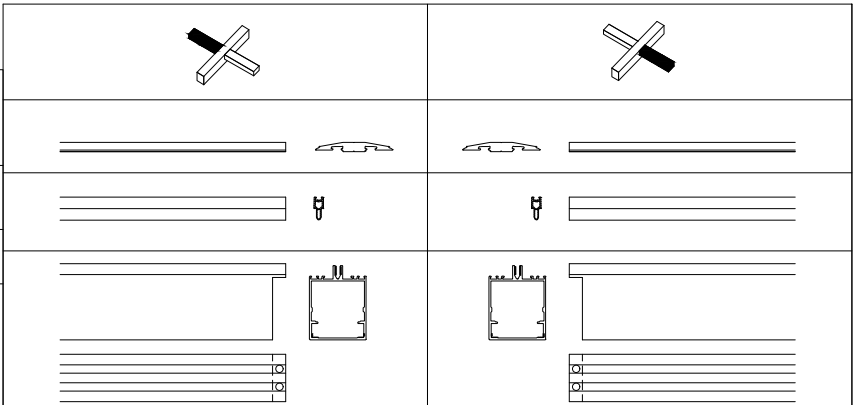
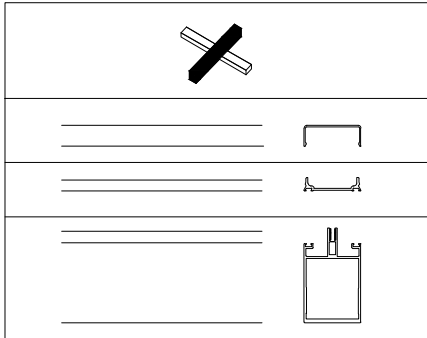
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MATIERE D'ÉTANCHEITÉ
SEALING AGENT
ABDICHTUNG





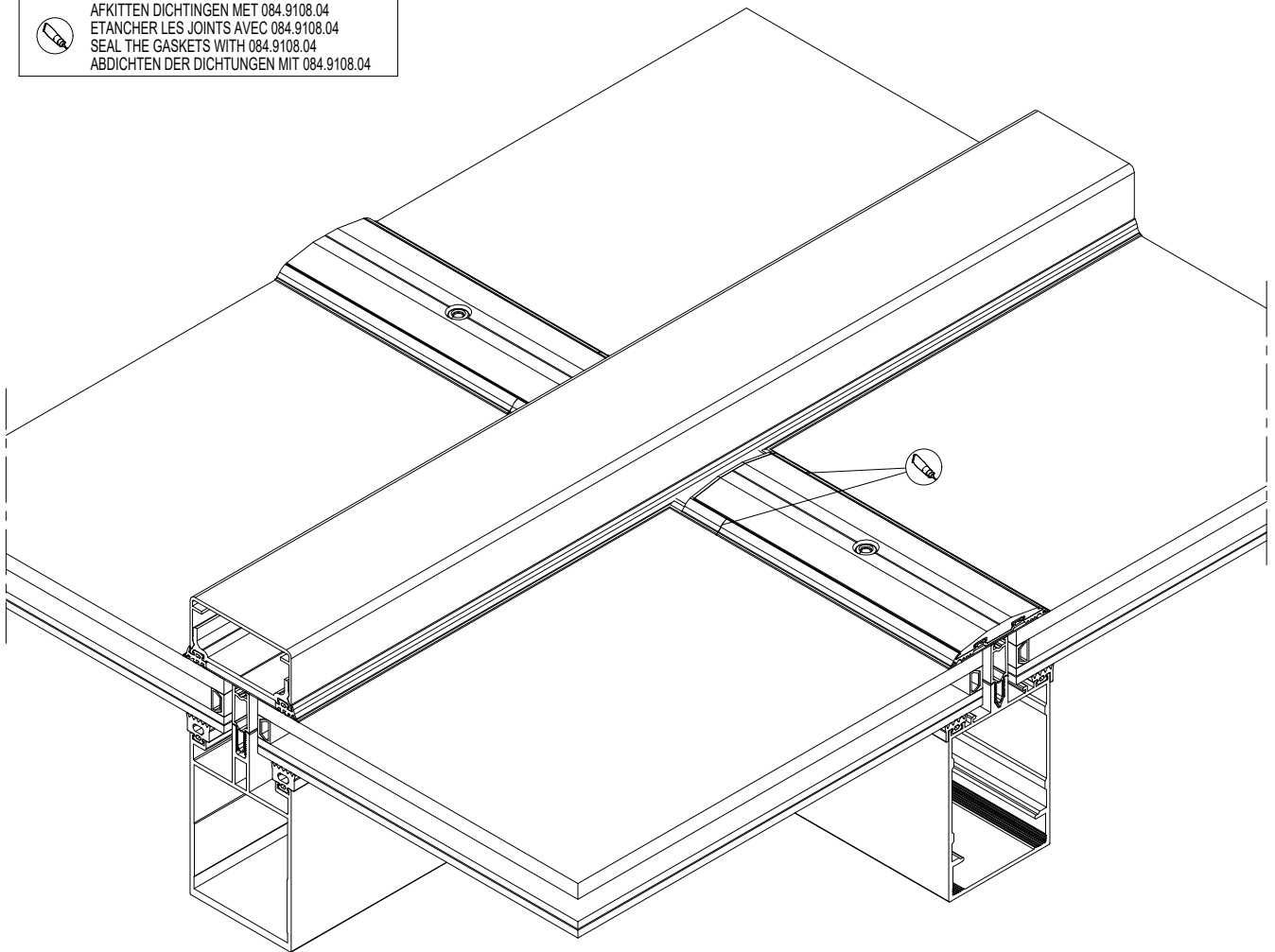
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

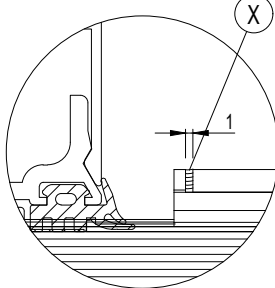




AFKITTEN DICHINGEN MET 084.9108.04
ETANCHER LES JOINTS AVEC 084.9108.04
SEAL THE GASKETS WITH 084.9108.04
ABDICHTEN DER DICHINGEN MIT 084.9108.04



DETAIL B



DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

073.8272.04

034.0637.XX

034.3634.00

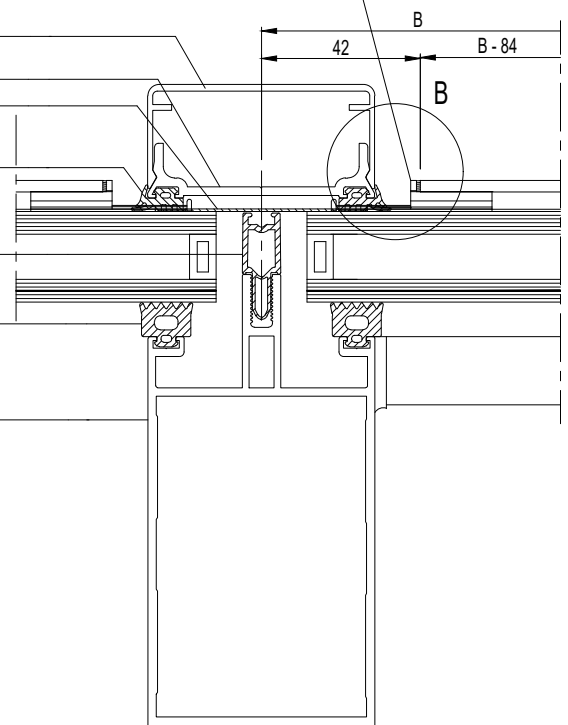
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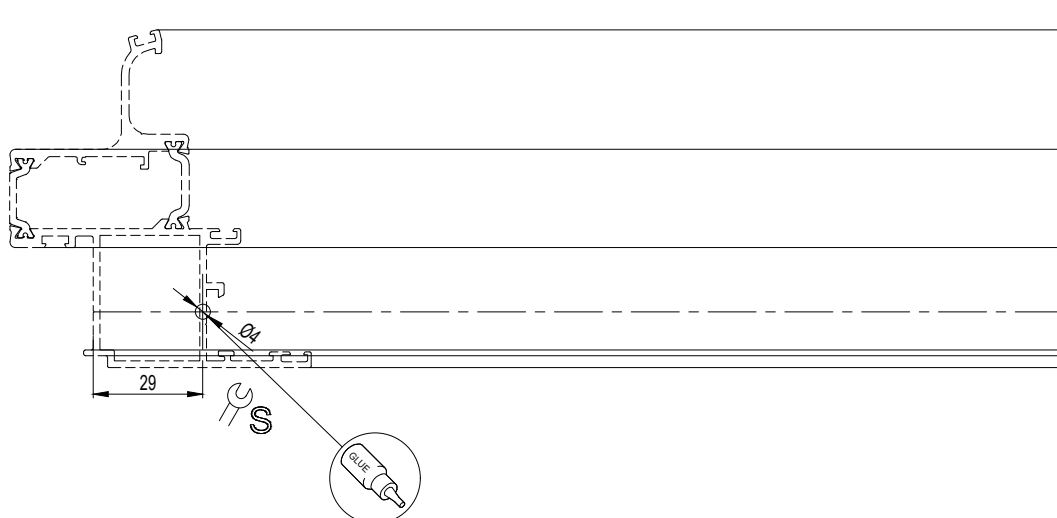
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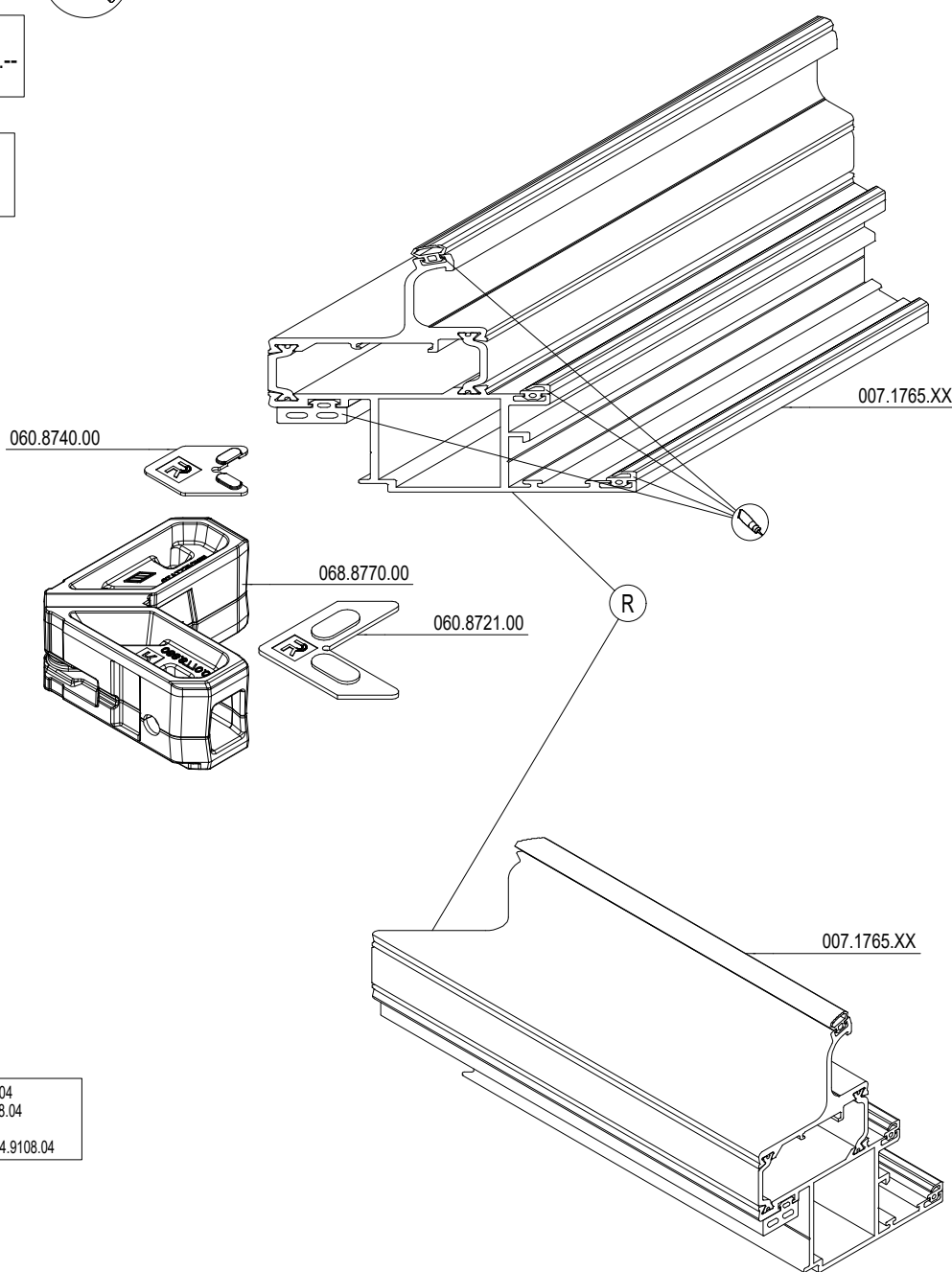
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034.1604.XX



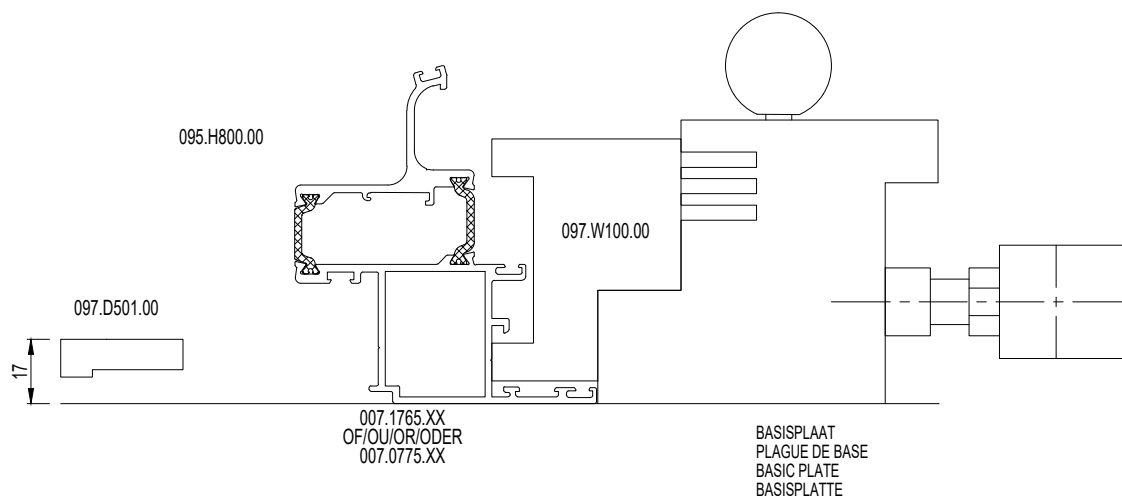
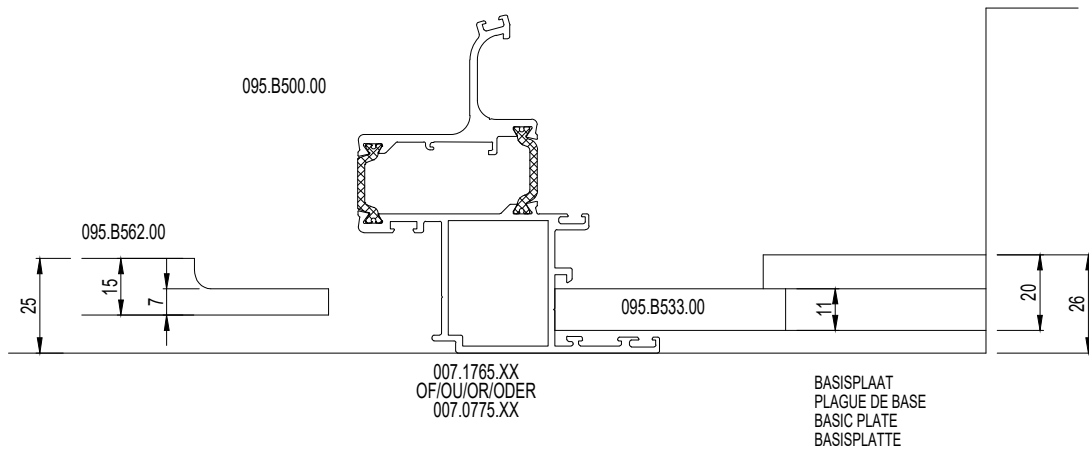


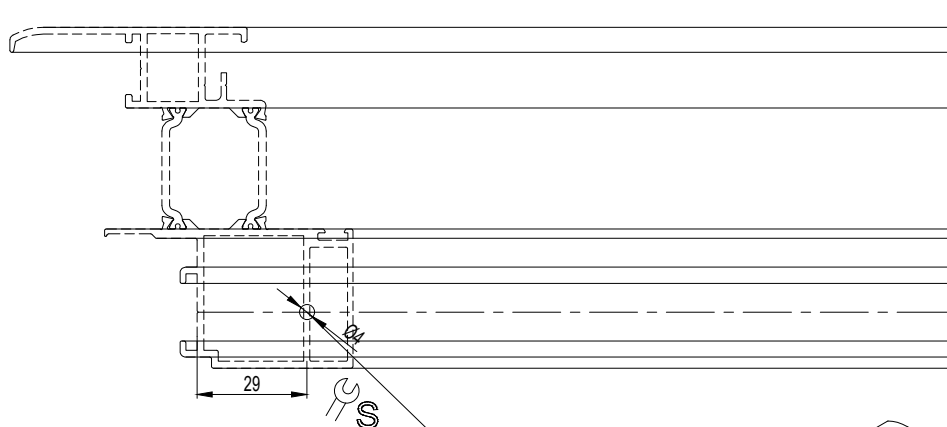
LIJMINJECTIE NA PERSEN
 INJECTION DE COLLE APRES LE SERTISSAGE
 GLUE INJECTION AFTER CRIMPING
 KLEBEINJEKTION NACH DEM PRESSEN



AFKITEN DICHTINGEN MET 084.9108.04
 ETANCHER LES JOINTS AVEC 084.9108.04
 SEAL THE GASKETS WITH 084.9108.04
 ABDICHTEN DER DICHTUNGEN MIT 084.9108.04

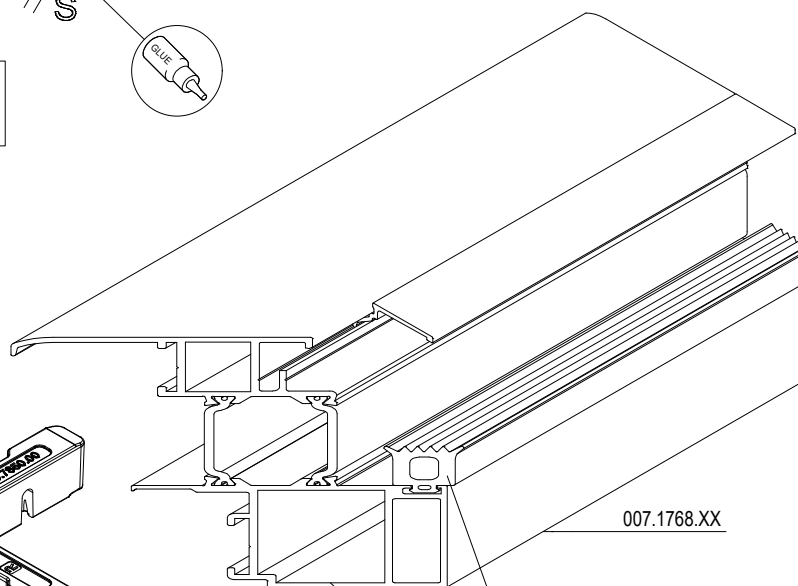
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 REYNAPROTECTOR
 REYNAPROTECTOR
 REYNAPROTECTOR





084.9080.--

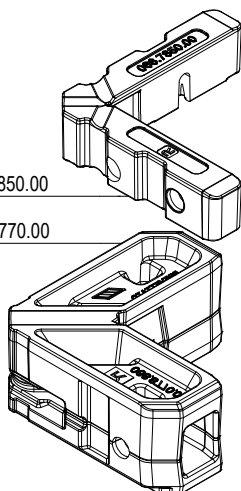
LUMINJECTIE NA PERSEN
 INJECTION DE COLLE APRES LE SERTISSAGE
 GLUE INJECTION AFTER CRIMPING
 KLEBEINJEKTION NACH DEM PRESSEN



007.1768.XX

068.7850.00

068.8770.00



R

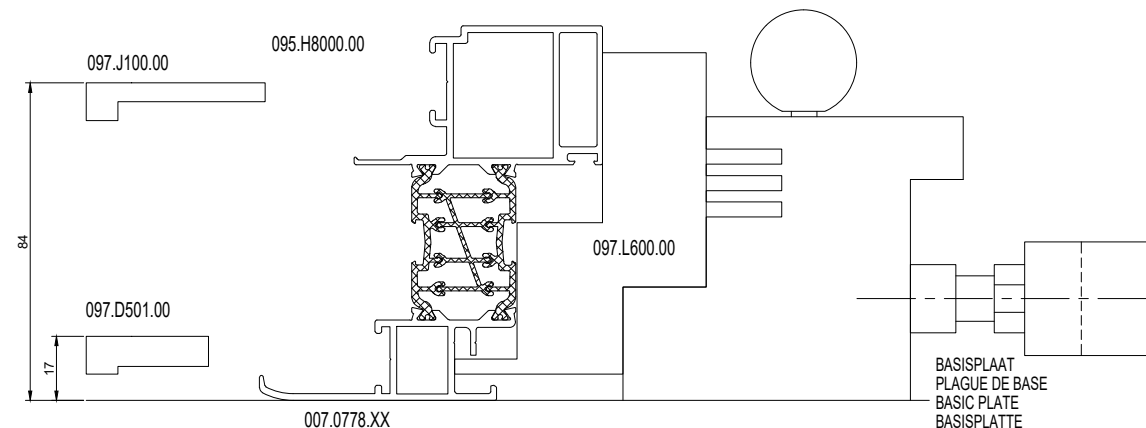
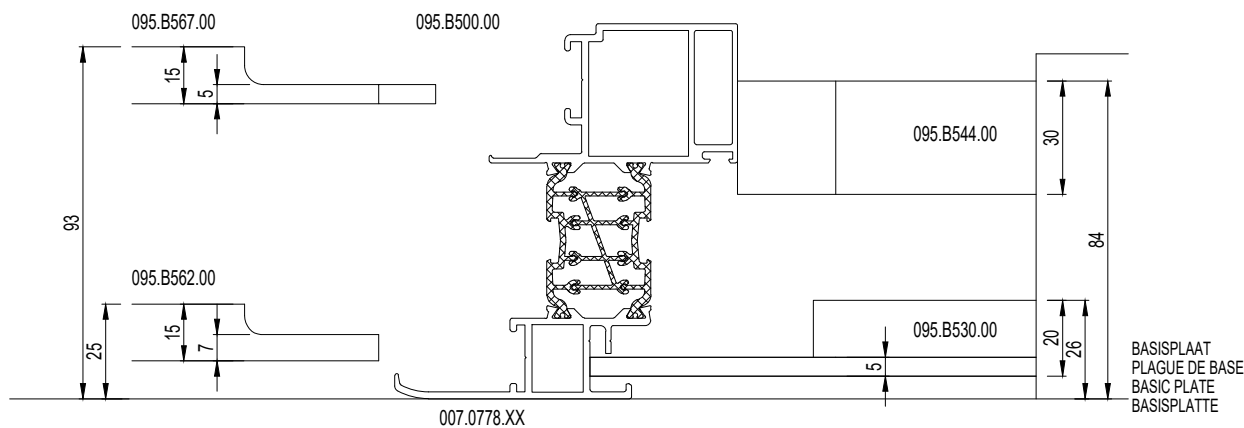
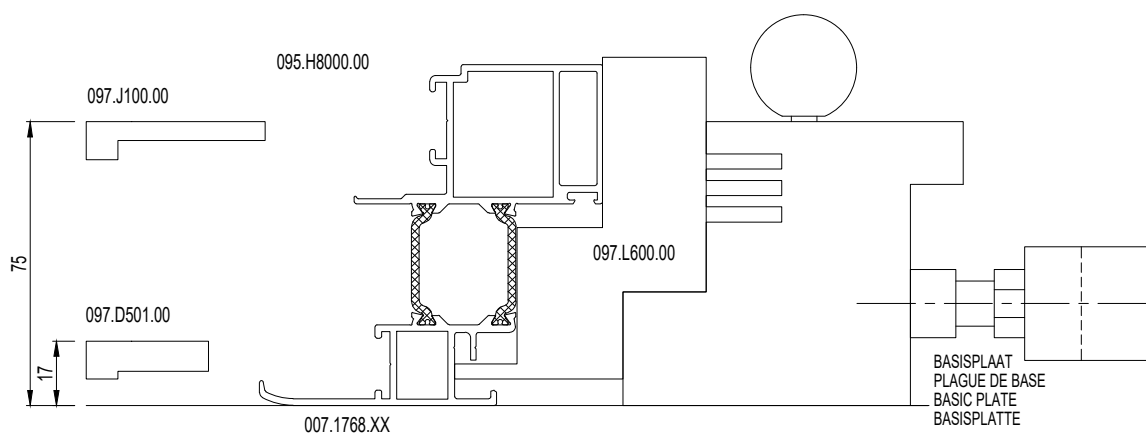
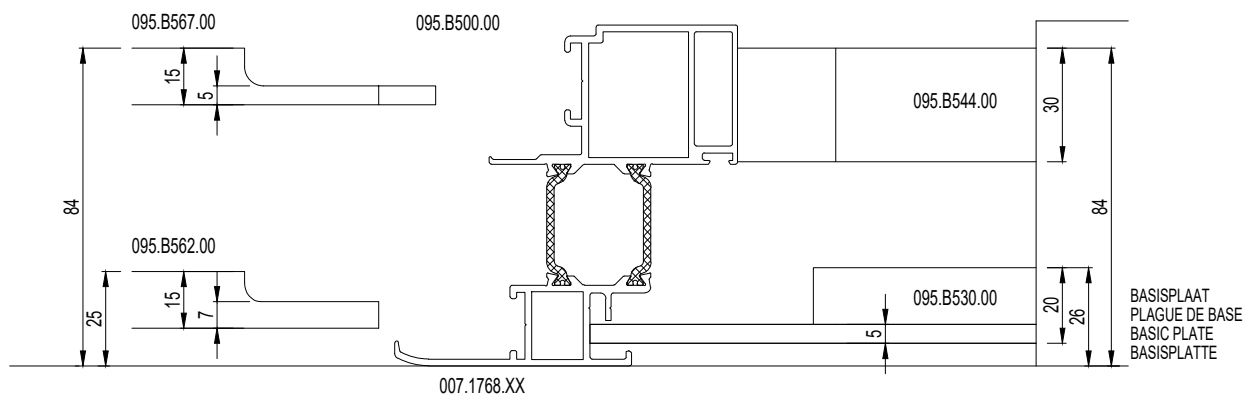
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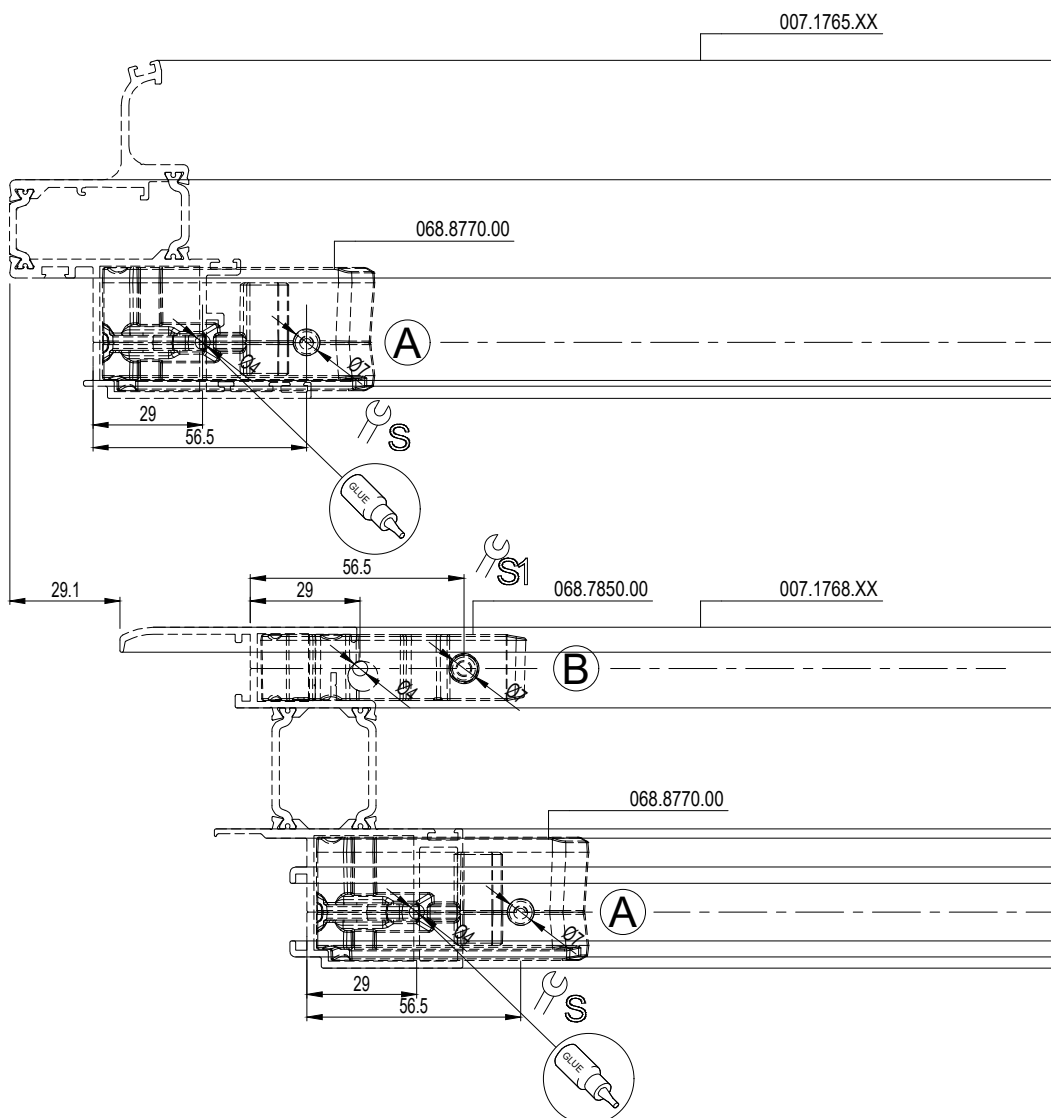
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REYNAPROTECTOR
 REYNAPROTECTOR
 REYNAPROTECTOR
 REYNAPROTECTOR



AFKITEN DICHTINGEN MET 084.9108.04
 ETANCHER LES JOINTS AVEC 084.9108.04
 SEAL THE GASKETS WITH 084.9108.04
 ABDICHTEN DER DICHTUNGEN MIT 084.9108.04





LIJMINJECTIE NA PERSEN
 INJECTION DE COLLE APRES LE SERTISSAGE
 GLUE INJECTION AFTER CRIMPING
 KLEBERINJEKTION NACH DEM PRESSEN



084.9080.--



097.0001.00

A



097.0002.00

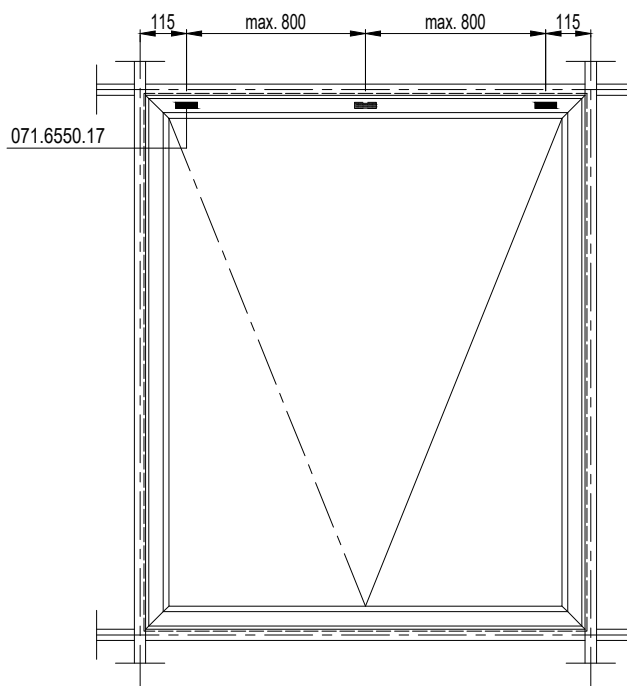
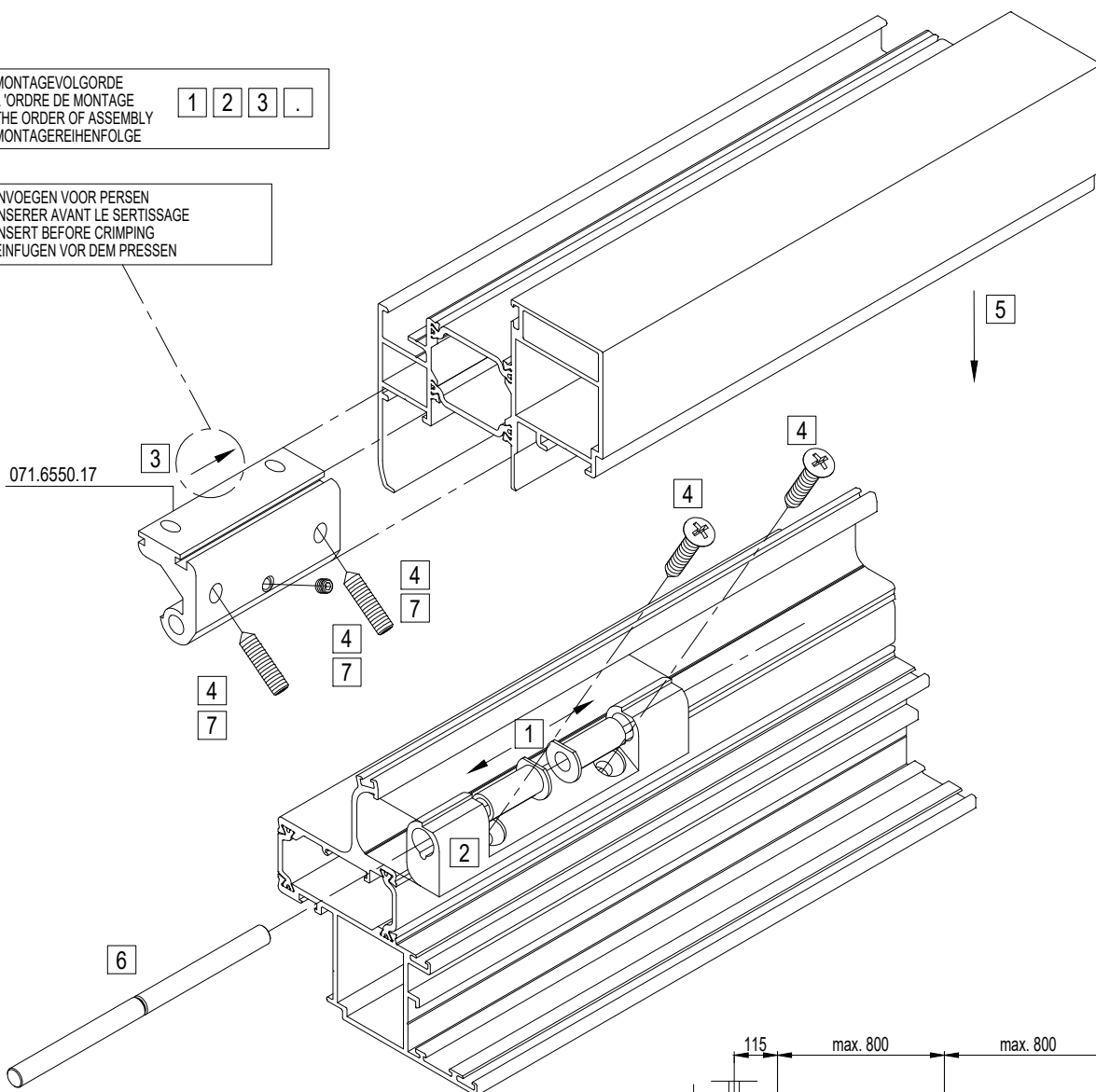
B

MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

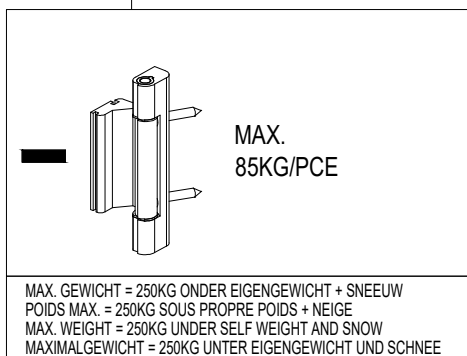
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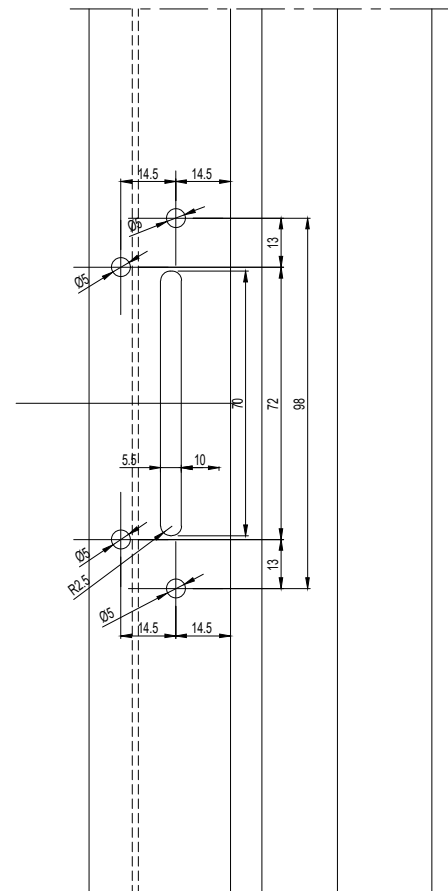
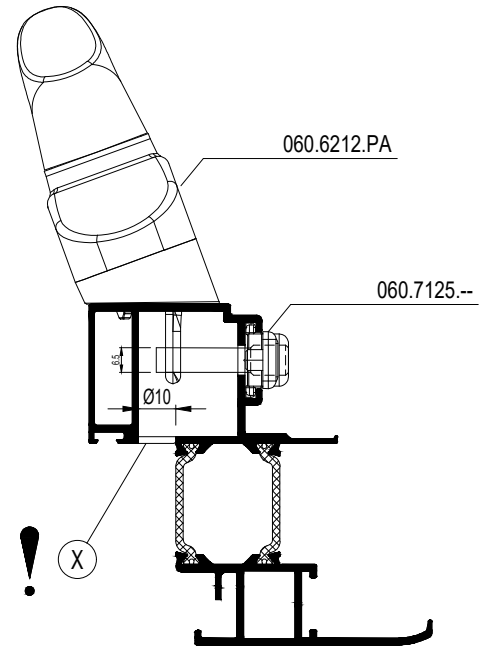
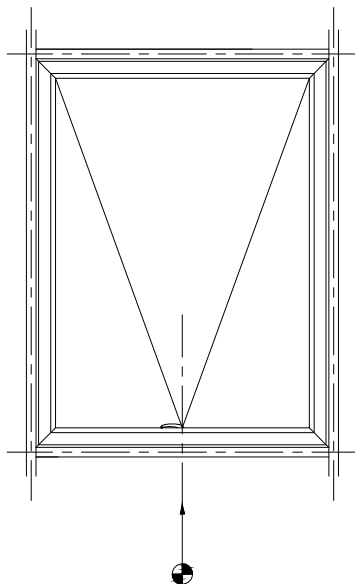
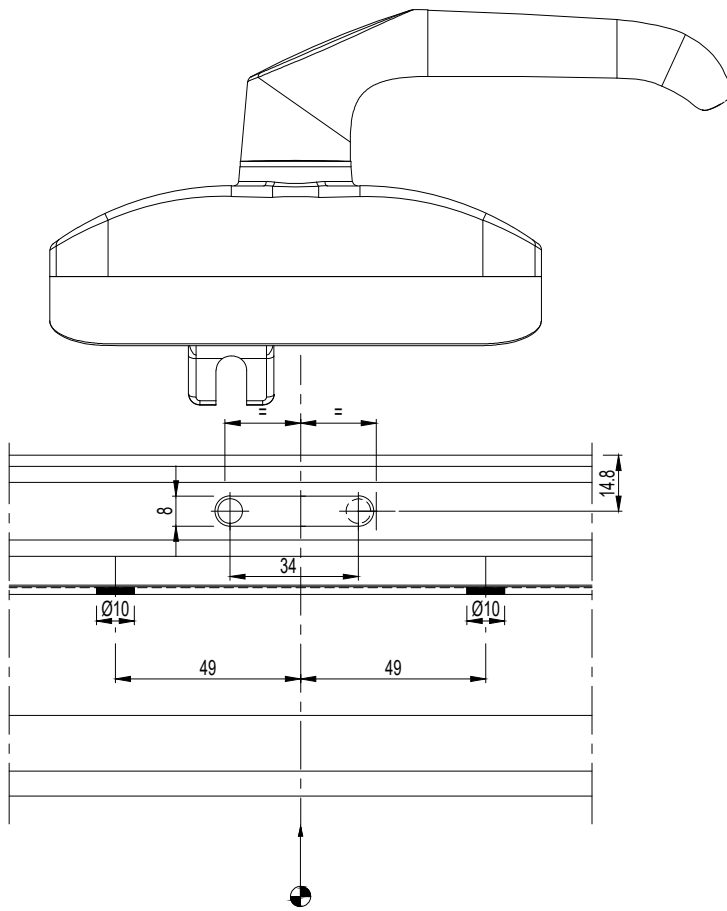
INVOEGEN VOOR PERSEN
 INSERER AVANT LE SERTISSAGE
 INSERT BEFORE CRIMPING
 EINFUGEN VOR DEM PRESSEN

071.6550.17

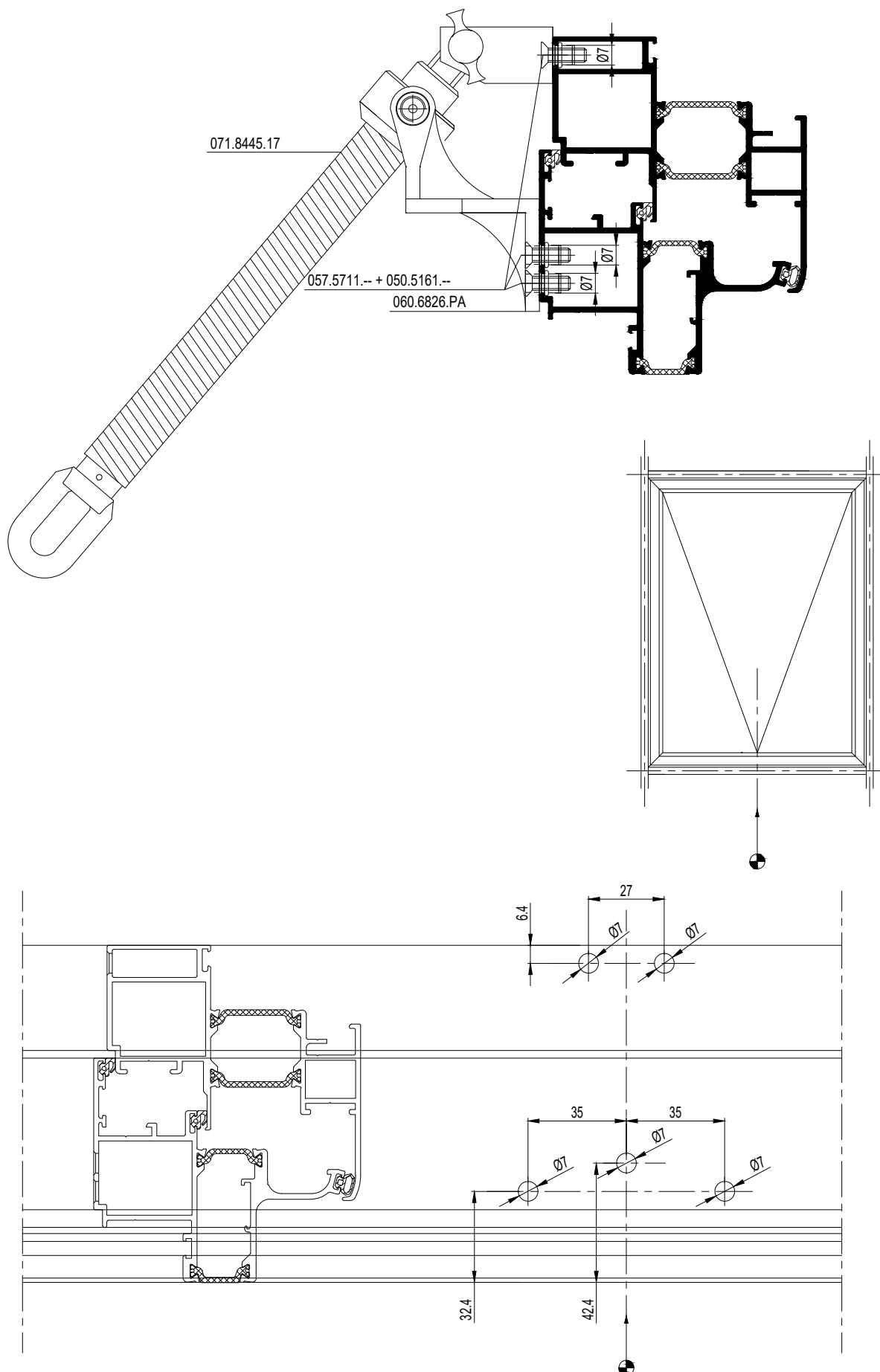


071.6550.17

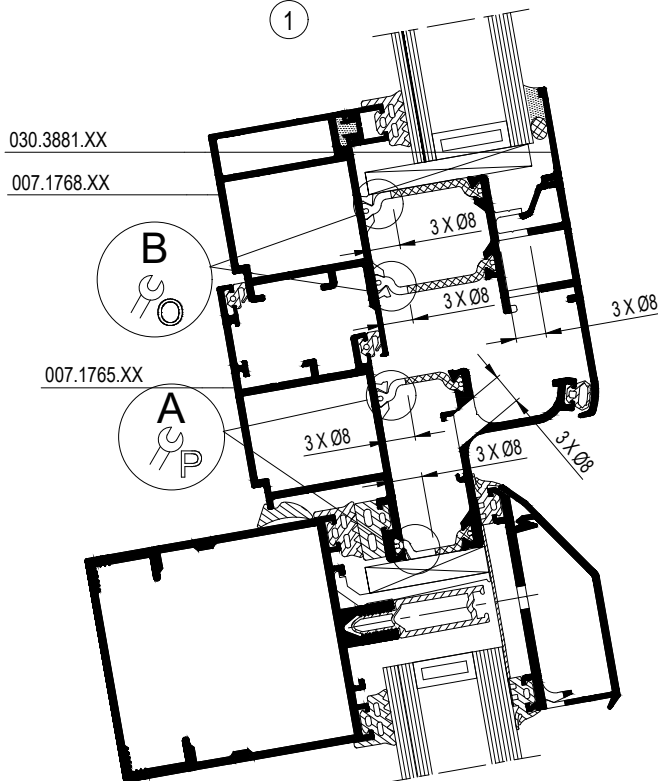




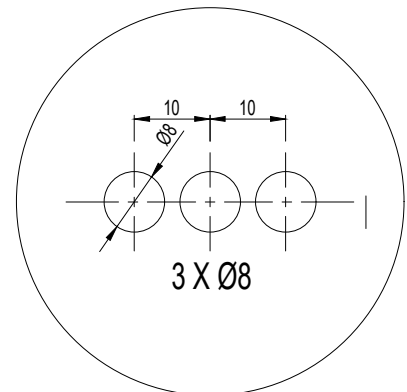
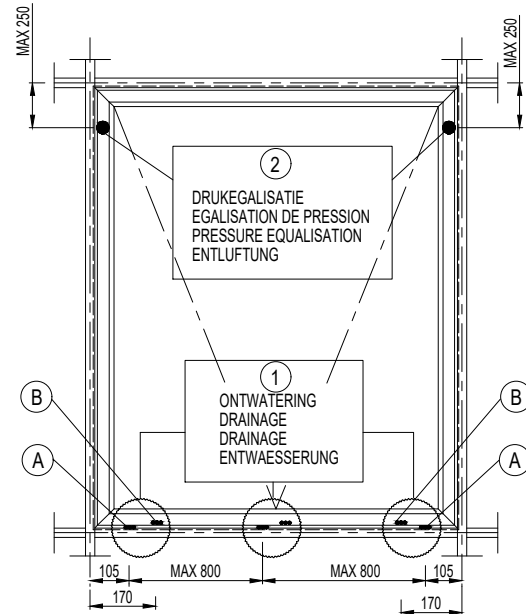
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG



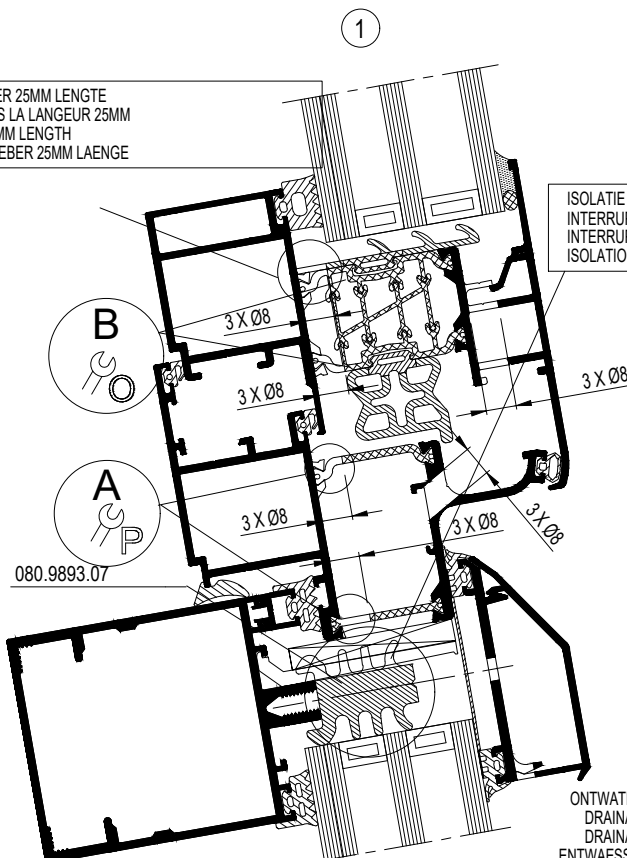
Min 5° - Max 80°



GEEN ONTWATERING OP PLAATS VAN DE GLASSTEUN
PAS DE DRAINAGE SUR PLACE DE SUPPORT CALE DE VITRAGE
NO DRAINAGE ON PLACE OF GLASS SUPPORT
KEINE ENTWAESSERUNG VOR ORT DER GLASAUFLEGEPROFIL



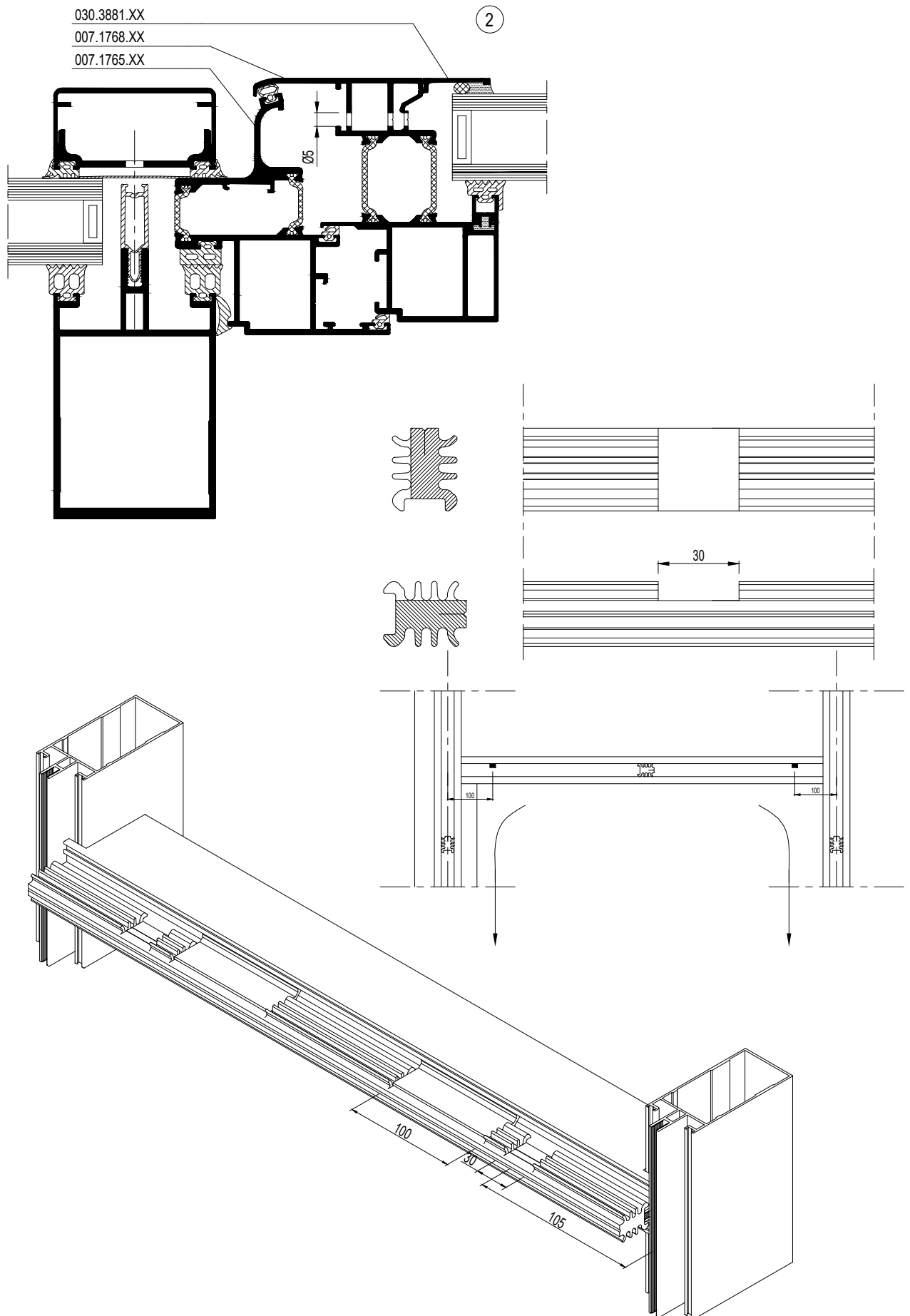
DICHTING ONDERBREKEN OVER 25MM LENGTE
INTERRUPTION DE JOINT SOUS LA LONGUEUR 25MM
INTERRUPT GASKET OVER 25MM LENGTH
DICHTUNG UNTERBRECHEN UEBER 25MM LAENGE

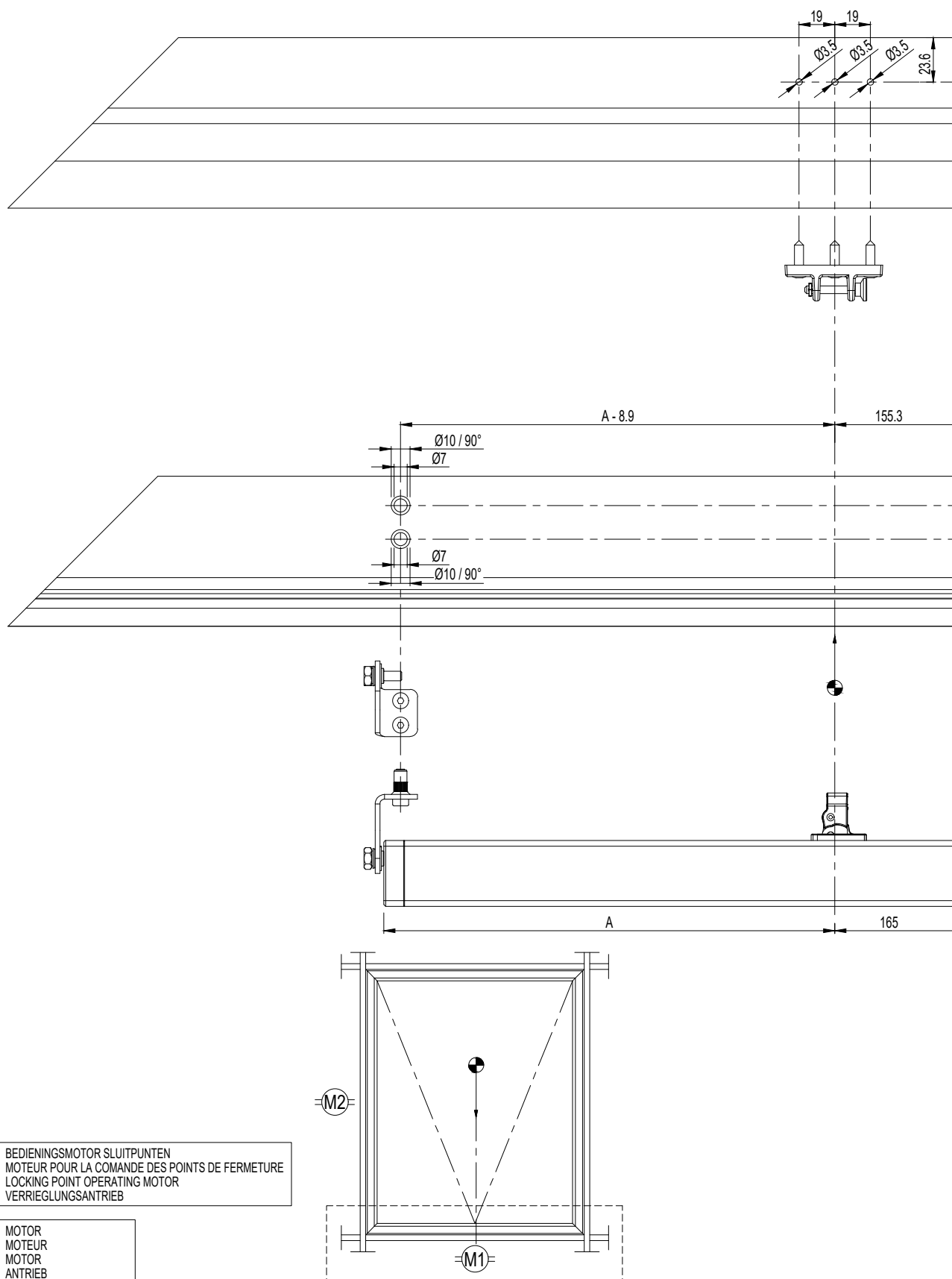


ISOLATIE DICHTING ONDERBREKEN OVER 30MM LENGTE
INTERRUPTION DE JOINT D'ISOLATION LA LONGUEUR 30MM
INTERRUPT INSULATION GASKET 30MM LENGTH
ISOLATION DICHTUNG IM BEREICH DER ENTWAESSERUNG 30MM AUSNEHMEN

ONTWATERING
DRAINAGE
DRAINAGE
ENTWAESSERUNG

25x5





007.1768.xx
 007.0778.xx

007.1768.XX

007.1768.xx
 007.0778.xx

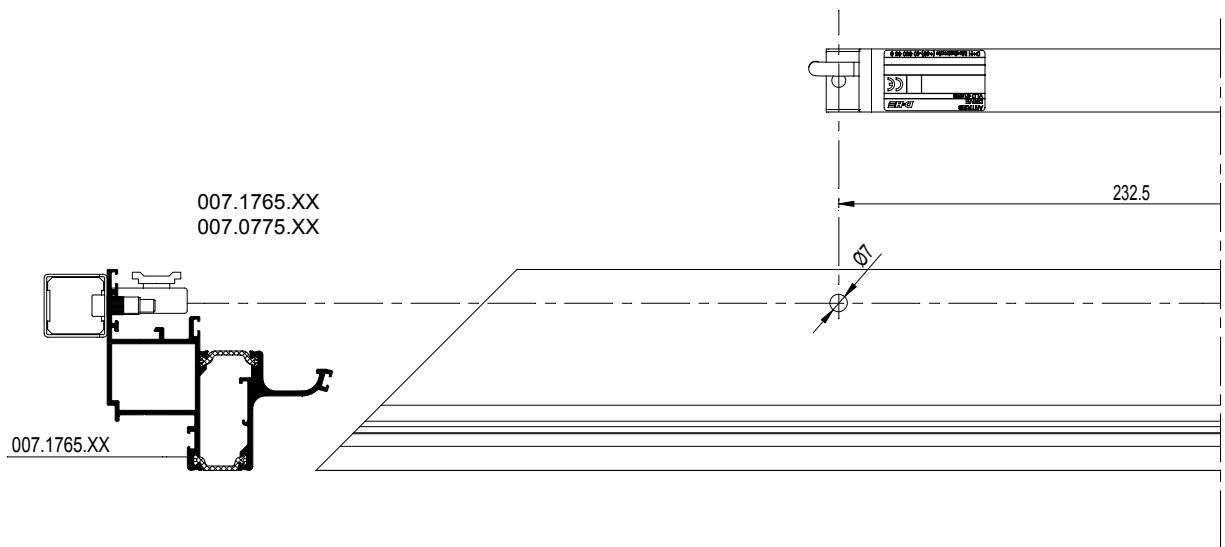
007.1765.XX



BEGINSTAND
 POSITION DE DEPART
 STARTING POSITION
 AUSGANGSPOSITION



		BEVESTIGINGSSET SET DE FIXATION BRACKET SET BEFESTIGUNSSATZ		SLAGBEGRENZER REDUCTEUR DE COURSE STROKE LIMITATION HUBBEGRENZER	
REYNAERS NR.	D+H NR.	REYNAERS NR.	D+H NR.		A
060.6830.14	25.00.15	060.6829.--	25.AFK.KS	350	240
060.6831.14	25.004.15	060.6829.--	25.AFK.KS	600	365



(M2)

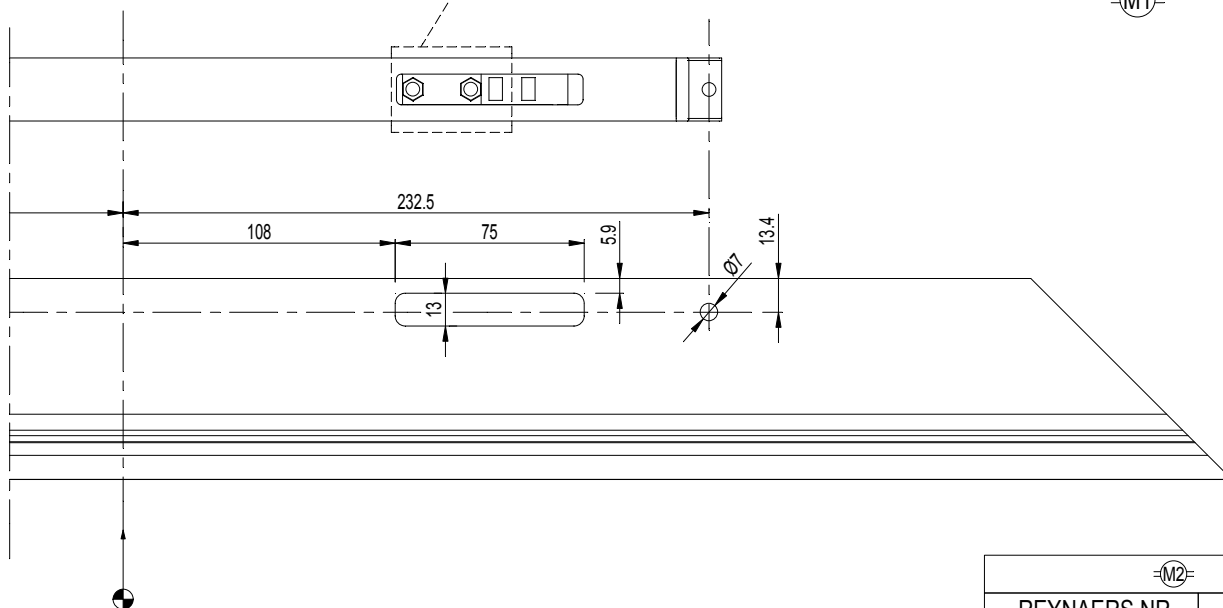
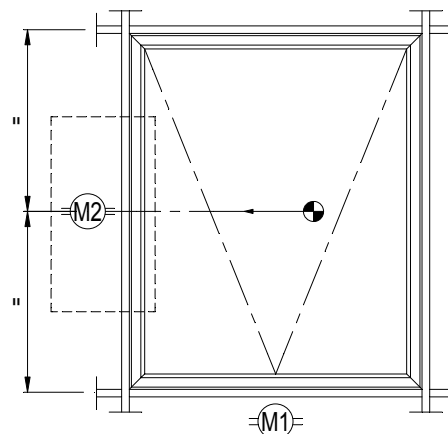
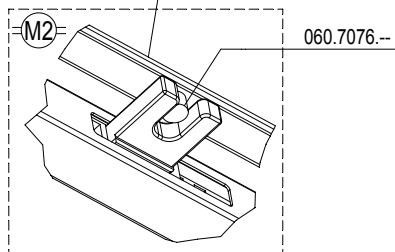
BEDIENINGSMOTOR SLUITPUNTEN
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

(M1)

MOTOR
 MOTEUR
 MOTOR
 ANTRIEB

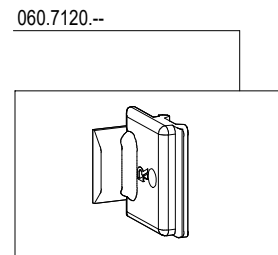
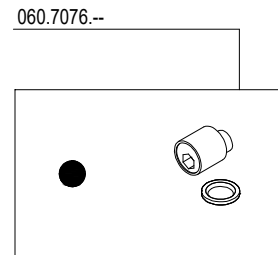
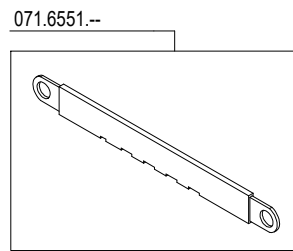
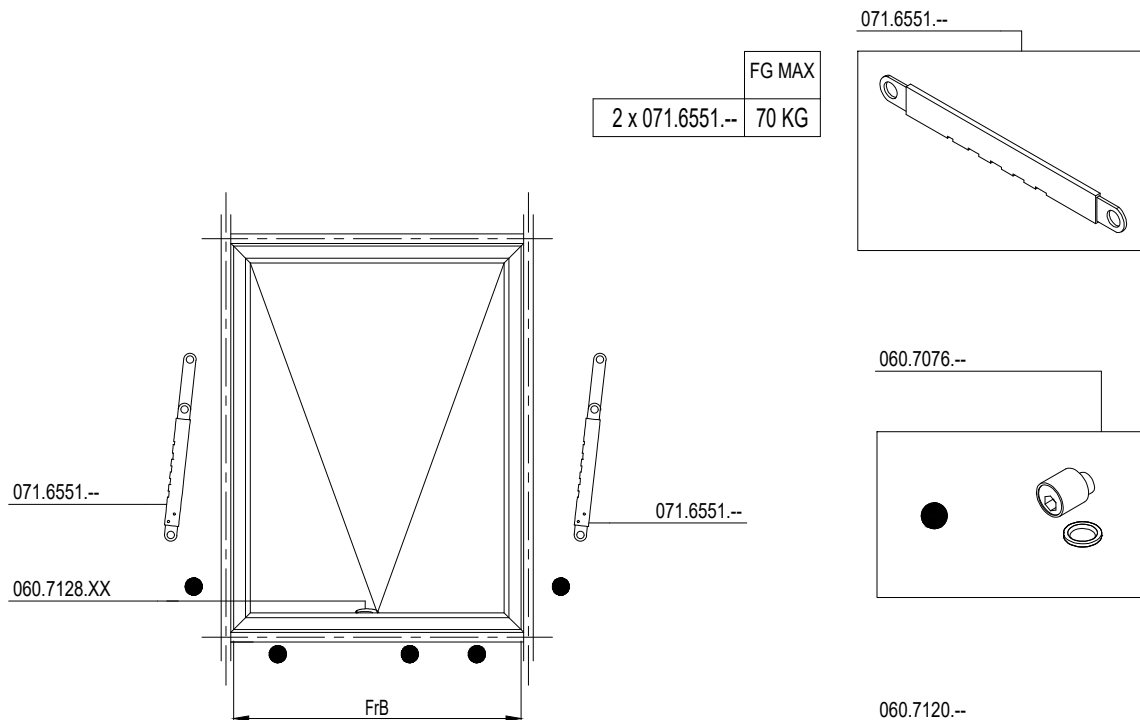
001.0075.XX

060.7076.--

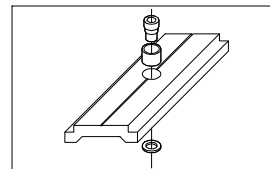
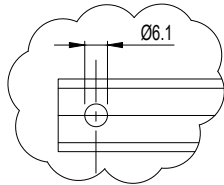


(M2)

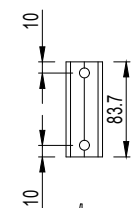
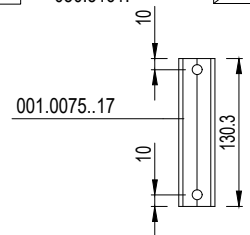
REYNAERS NR.	D+H NR.
060.6899.--	23.060.95



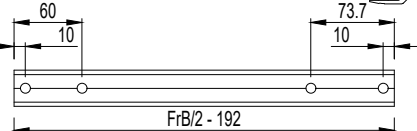
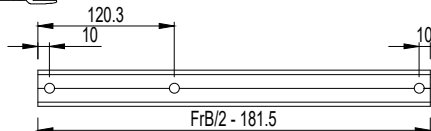
069.6823.04
 050.5161.--



069.6823.04
 050.5161.--



060.7872.--

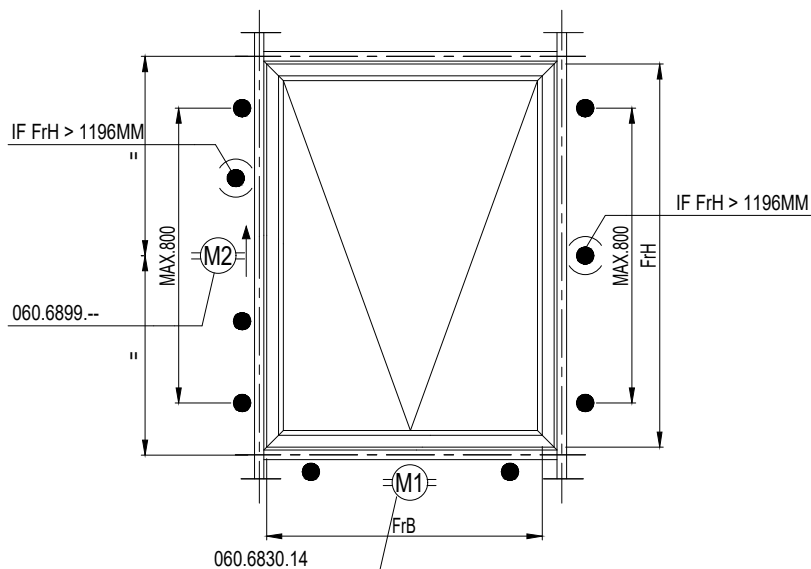


(M2)

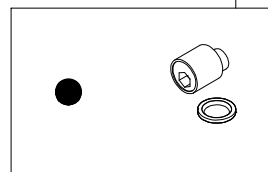
BEDIENINGSMOTOR SLUITPUNTEN
 MOTEUR POUR LA COMANDE DES POINTS DE FERMETURE
 LOCKING POINT OPERATING MOTOR
 VERRIEGLUNGSANTRIEB

(M1)

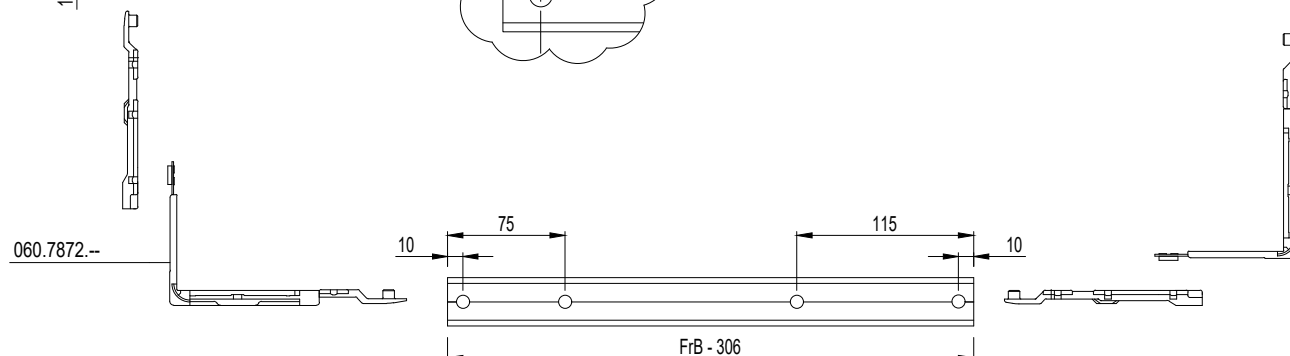
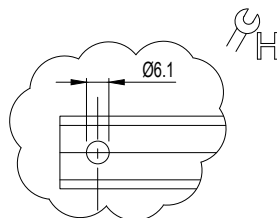
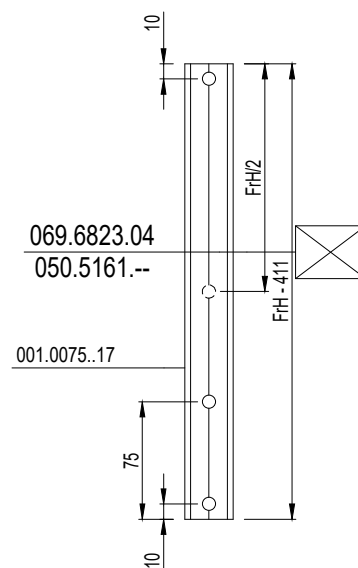
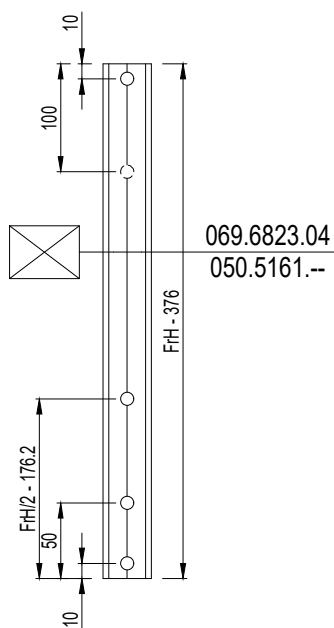
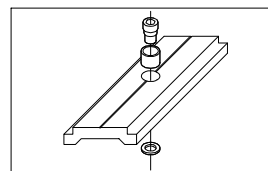
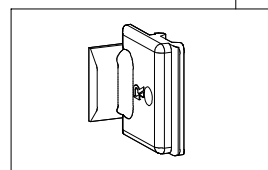
MOTOR
 MOTEUR
 MOTOR
 ANTRIEB



060.7076.--

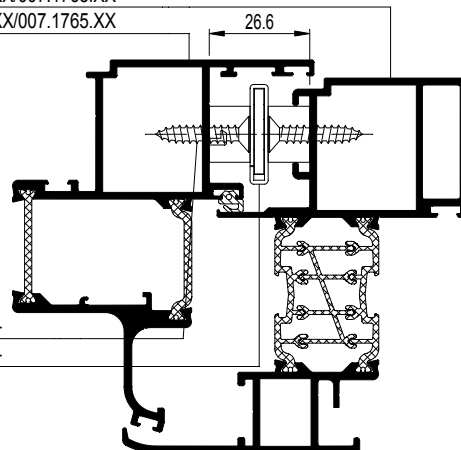


060.7120.--



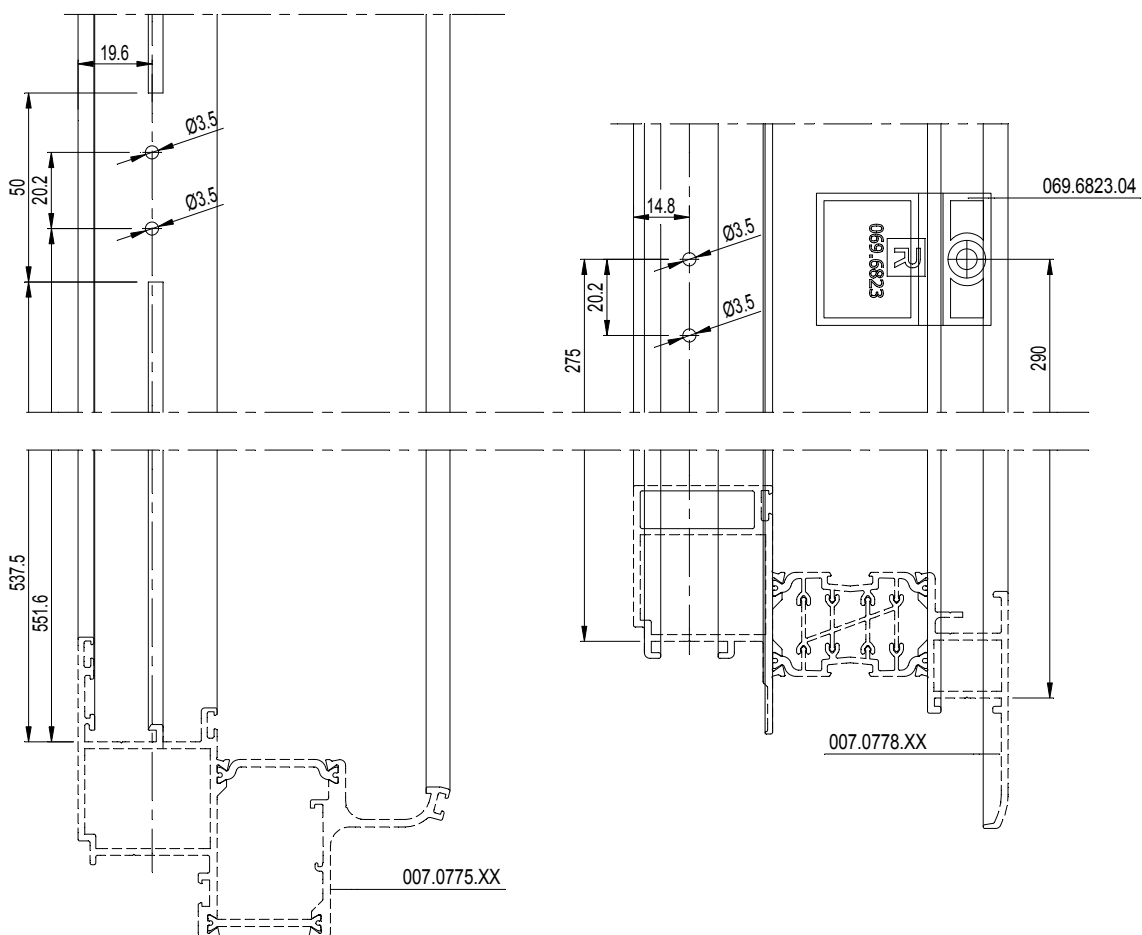
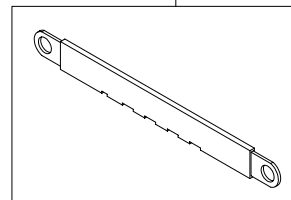
007.0778.XX/007.1768.XX
007.0775.XX/007.1765.XX

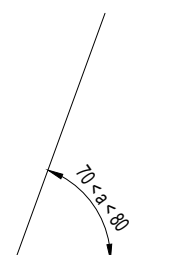
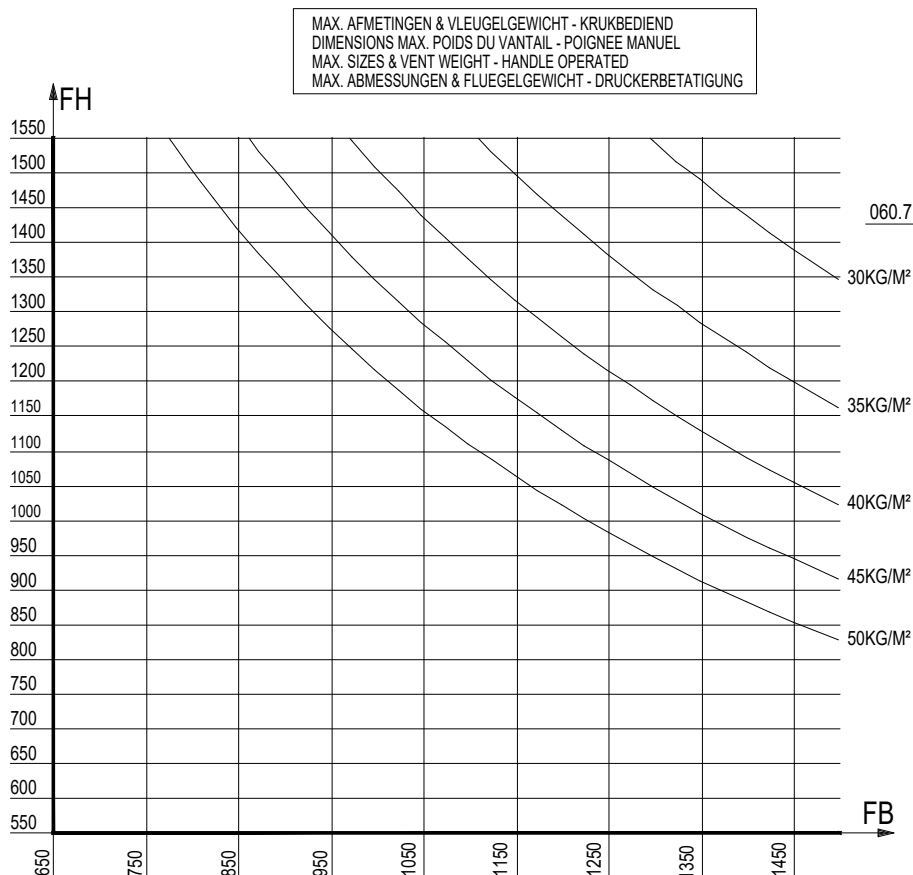
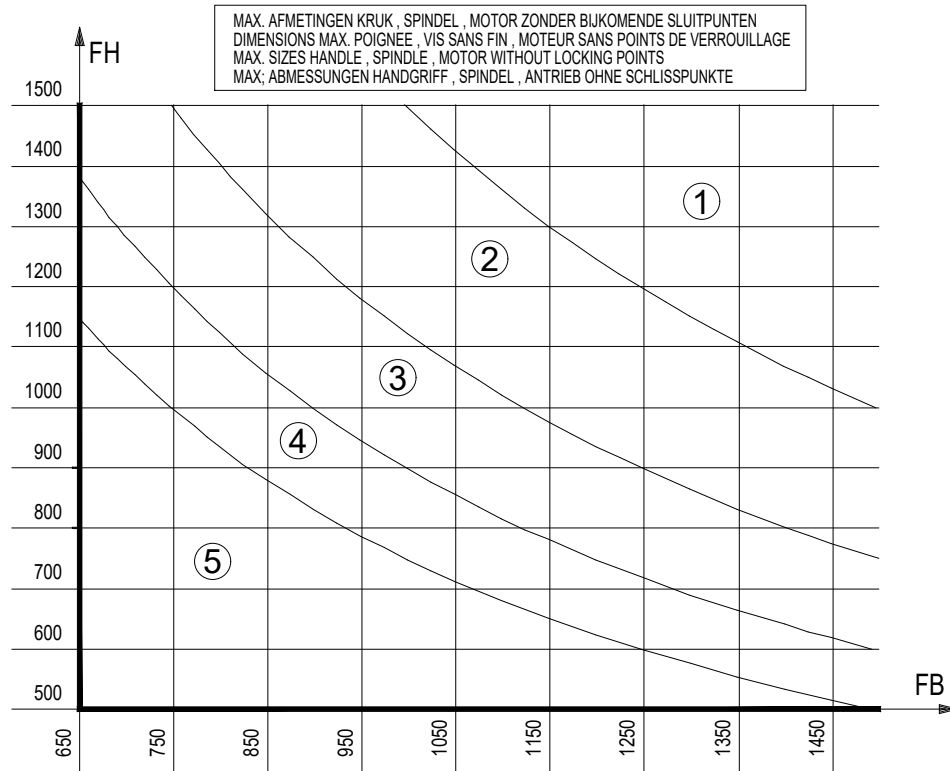
052.5333.--
071.6551.--

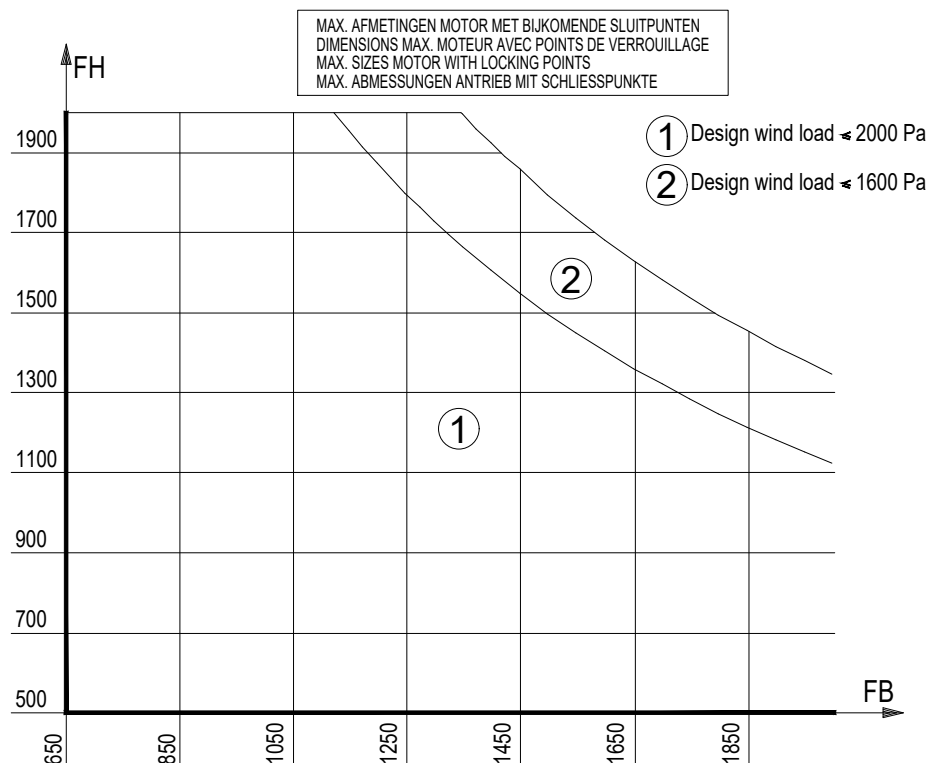


	FG MAX
2 x 071.6551.--	70 KG

071.6551.--







071.8445.17

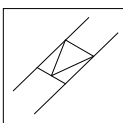


FMAX. 600N

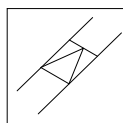
FMAX. > 500N



D + H MECHATRONIC



$$F_{MAX.} = \frac{G \times H \times W \times \cos(A - (2 \times \sin^{-1}(\frac{S/2}{H})))}{2}$$



$$F_{MAX.} = \frac{G \times H \times W \times \cos A}{2}$$

G = GLASS WEIGHT + SNOWLOAD (N/M²)

H = HEIGHT ELEMENT (M)

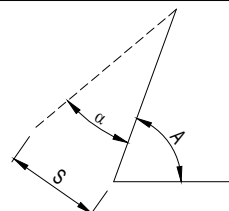
W = WIDTH ELEMENT (M)

A = ANGLE OF INCLINATION (°)

S = SPINDLE / MOTOR STROKE (M)

(FOR SPINDLE 071.8445.17 STROKE = 0.3M)

(FOR MOTOR 060.6799.17 STROKE = 0.5M)



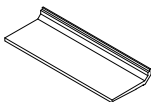
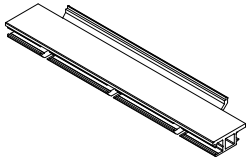
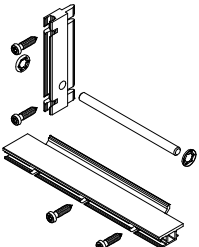
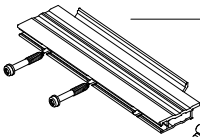
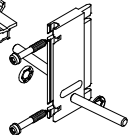
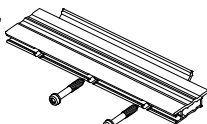
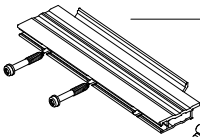
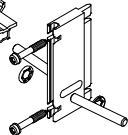
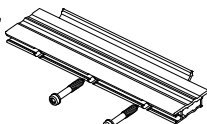
$$\alpha = 2 \times \sin^{-1} \left(\frac{S/2}{H} \right)$$

CHAIN DRIVE MOTORS (not compatible with locking point motor)

Motor					Bracket set	
Opening force	Reynaers Ref.	D+H Ref.	Stroke (MM)	D+H description	Reynaers Ref.	D+H Ref.
Fmax = 400N	060.6799.17	26.020.05	500	VKA 44 500-K X00 VT	071.6561.-- 071.6562.--	KA-SB013 KA-SB004

CHAIN DRIVE MOTORS (compatible with locking point motor)

CHAIN DRIVE MOTORS (compatible with locking point motor)					Bracket set	
Motor						
Opening force	Reynaers Ref.	D+H Ref.	Stroke (MM)	D+H description	Reynaers Ref.	D+H Ref.
Fmax = 200N	060.6830.14	25.00.15	350	CDC 200	060.6829.--	25.AFK.KS=CDC-BS088-VFO
	060.6831.14	25.004.15	600			
Fmax = 300N	060.6844.17	26.000.10	350	KA 34	071.6561.-- 071.6562.--	KA-SB013 KA-FB004
	060.6845.17	26.000.20	600			
	060.6846.17	26.000.30	800			
	060.6847.17	26.000.35	1000			
Fmax = 500N	060.6848.17	26.001.20	600	KA 54		
	060.6849.17	26.001.30	800			
	060.6850.17	26.001.35	1000			
Locking point motor						
Fmax = 500N	060.6898.--	23.060.90	25	VLD 51/025-BSY+RE		
Fmax = 500N	060.6899.--	23.060.95	25	VLD 51/025-RE		

MAX. 		ARTIKELNUMMER NUMERO DE L'ARTICLE ARTICLE NUMBER ARTIKEL NUMBER
150 KG.(*) PER GLASPANEEL PAR VITRAGE PER GLASS PANEL PRO FÜLLUNG		073.8207.00 073.8208.00 073.8209.00 073.8212.00 073.8213.00
		073.7482.00 073.7483.00 073.7484.00 073.7485.00 073.7486.00 073.7488.00 073.7490.00
450 KG.(*) PER GLASPANEEL - RECHTE GEVEL PAR VITRAGE - FACADE DROITE PER GLASS PANEL - STRAIGHT FACADE PRO FÜLLUNG - GERADE FASSADE	 	073.7482.00 073.7483.00 073.7484.00 073.7485.00 073.7486.00 073.7488.00 073.7490.00 073.7220.00 073.7471.00 073.7472.00
	  	073.7483.00 073.7484.00 073.7485.00 073.7486.00 073.7472.00 073.7473.00 073.7474.00
350 KG.(*) PER GLASPANEEL - GEBOGEN GEVEL PAR VITRAGE - FACADE OBLIQUE PER GLASS PANEL - SLOPED FACADE PRO FÜLLUNG - GEBOGENEN FASSADE	  	073.7483.00 073.7484.00 073.7485.00 073.7486.00 073.7472.00 073.7473.00 073.7474.00

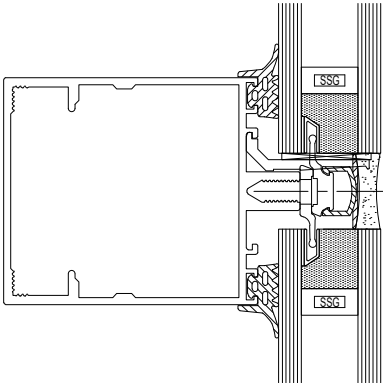
* VOOR EXACTE GEGEVENS VAN HET GLASGEWICHT IN COMBINATIE MET DRUK : ZIE BEREKENINGEN MAX. GLASGEWICHTEN P. : 52.B.---

* POUR LES DONNÉES EXACTES DU POIDS DE VITRAGE EN COMBINAISON AVEC LA PRESSION : VOIR CALCULS POIDS DE VITRAGE MAX. P. : 52.B.---

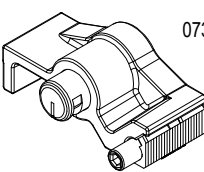
* FOR EXACT DATA ON THE GLASS WEIGHT IN COMBINATION WITH PRESSURE : SEE CALCULATIONS ON MAX. GLASS WEIGHTS P. : 52.B.---

* FUER DIE GENAUEN DATEN DES GLASGEWICHTS IN KOMBINATION MIT DRUCK : SIEHE BERECHNUNGEN MAXIMALGLASGEWICHTE P. : 52.B.---

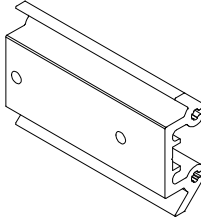
DOORSNEDEN
COUPES
SECTIONS
SCHNITTE



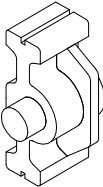
T-VERBINDERS
JONCTIONS-T
T-BRACKETS
T-VERBINDER



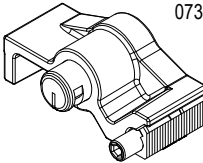
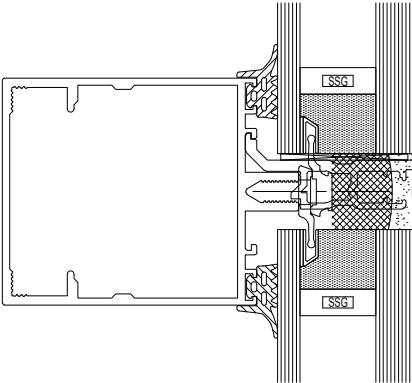
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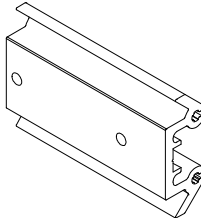
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073.7511.00
073.7512.00
073.7513.00
073.7514.00
073.7515.00
073.7516.00



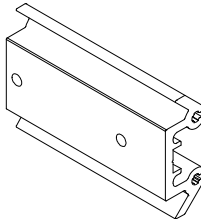
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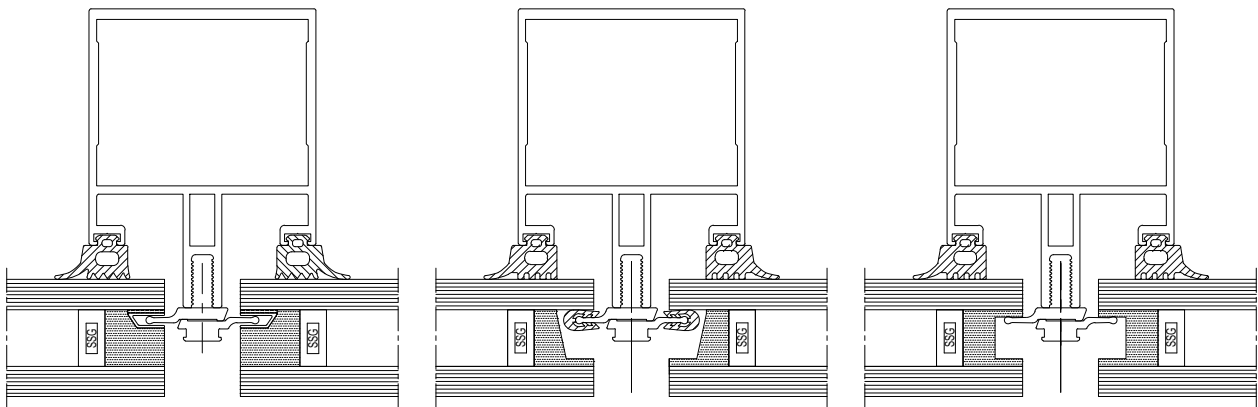
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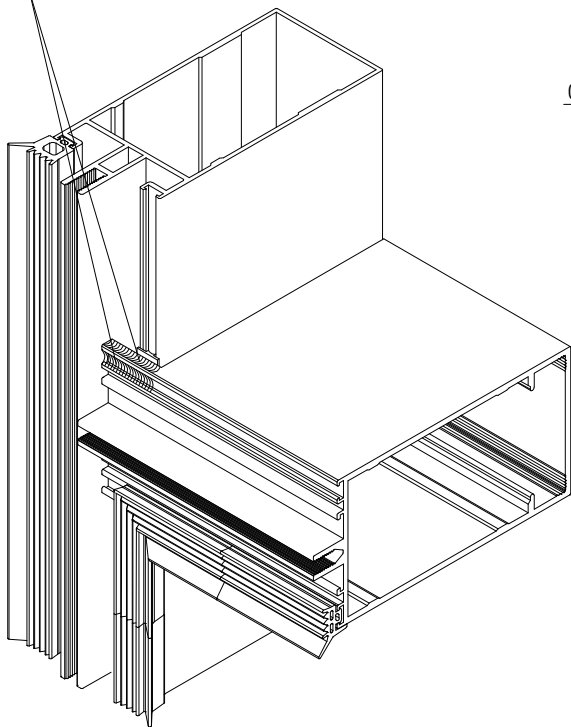
073.7510.00
073.7511.00
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073.7516.00



034.1645.00

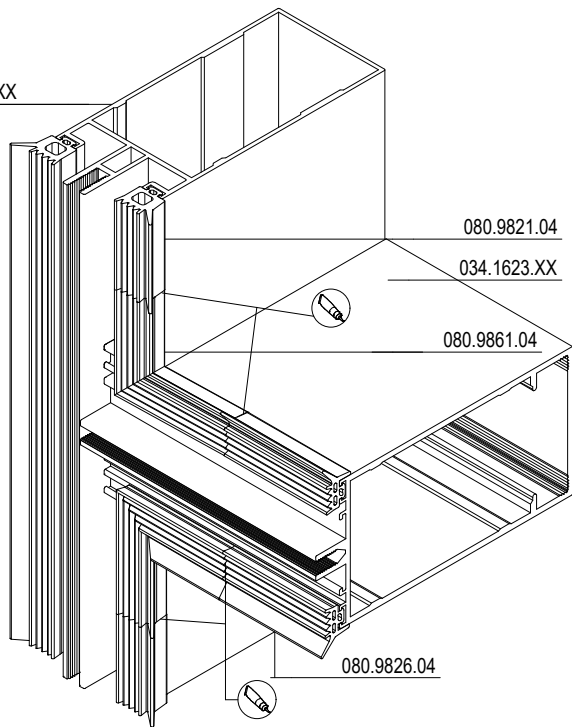


(X) DICHTUNGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG



AFKITTEN DICHTINGEN MET 084.9108.04
ETANCHER LES JOINTS AVEC 084.9108.04
SEAL THE GASKETS WITH 084.9108.04
ABDICHTEN DER DICHTUNGEN MIT 084.9108.04

034.1603.XX



080.9821.04

034.1623.XX

080.9861.04

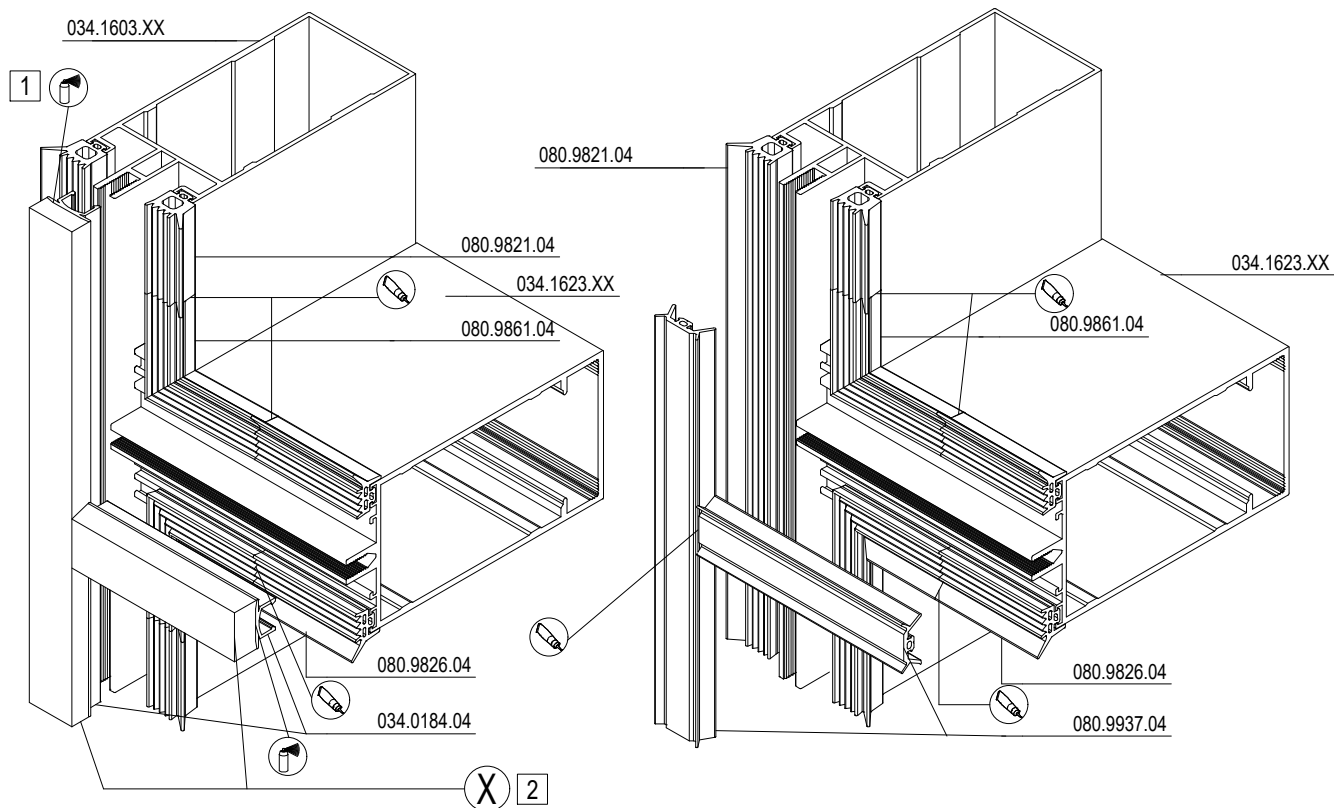
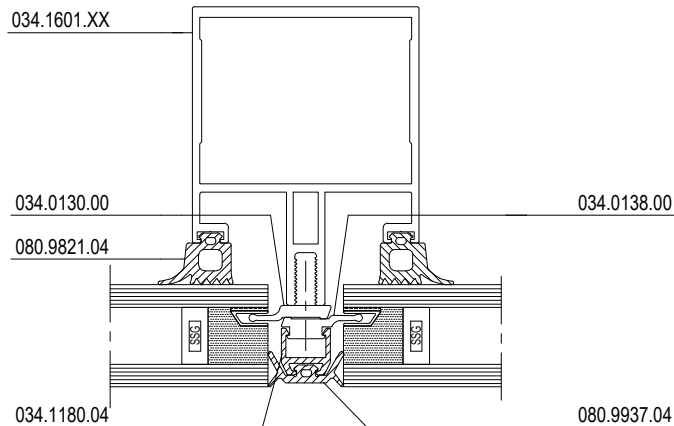
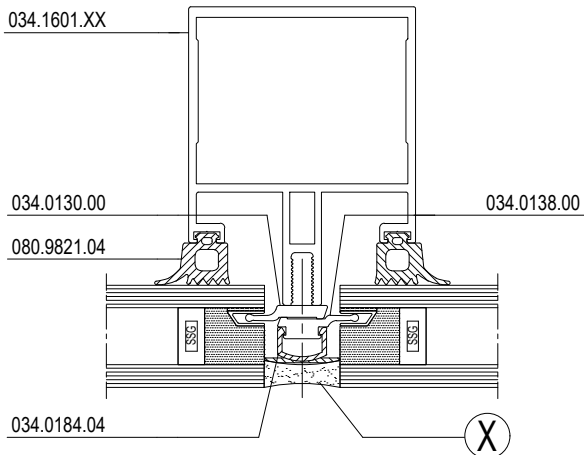
080.9826.04

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .



Maximale gebouwhoogte = 14 meter
L'altitude de bâtiment maximale = 14 mètre
Maximum building height = 14 meter
Maximum Gebäude Höhe = 14 meter



AFKITTEN DICHTINGEN MET 084.9108.04
ETANCHER LES JOINTS AVEC 084.9108.04
SEAL THE GASKETS WITH 084.9108.04
ABDICHTEN DER DICHTINGEN MIT 084.9108.04



DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

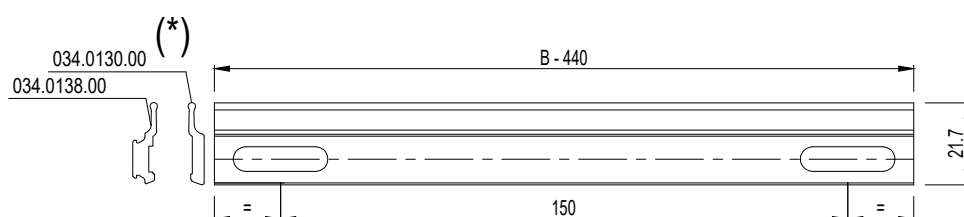
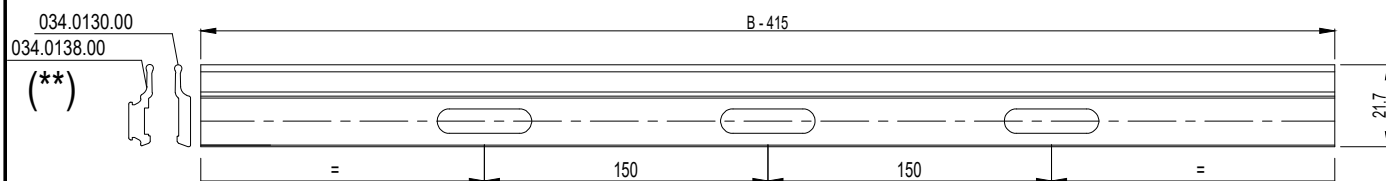
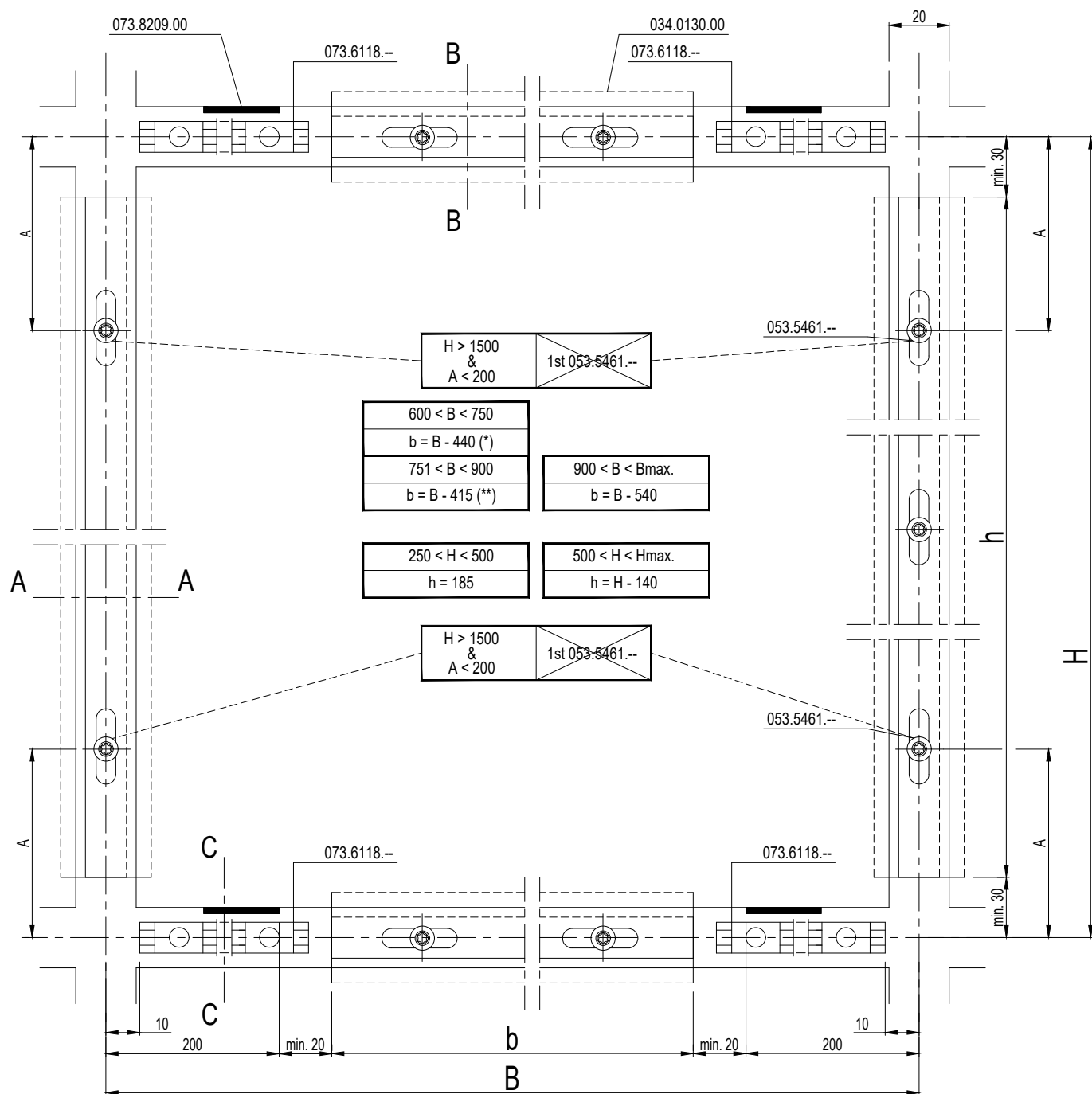


SILICONE-SPRAY
AEROSOL-SILICONE
SILICONE-SPRAY
SILICONENSPRAY

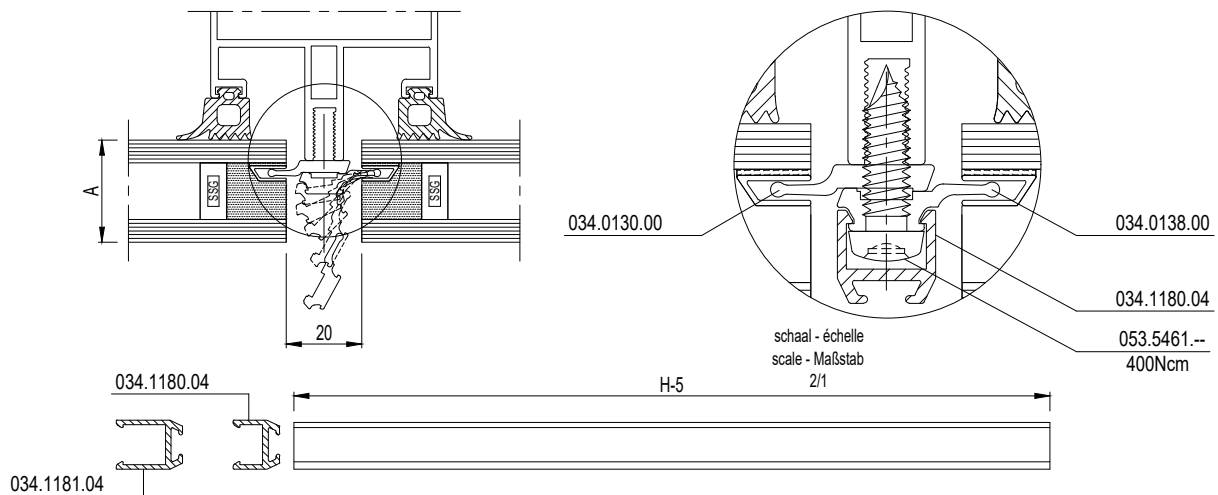
086.9551.--

ETAG
002

D0056162



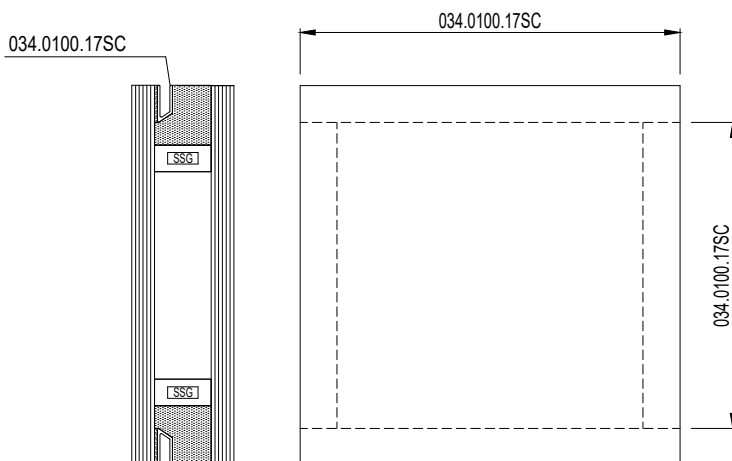
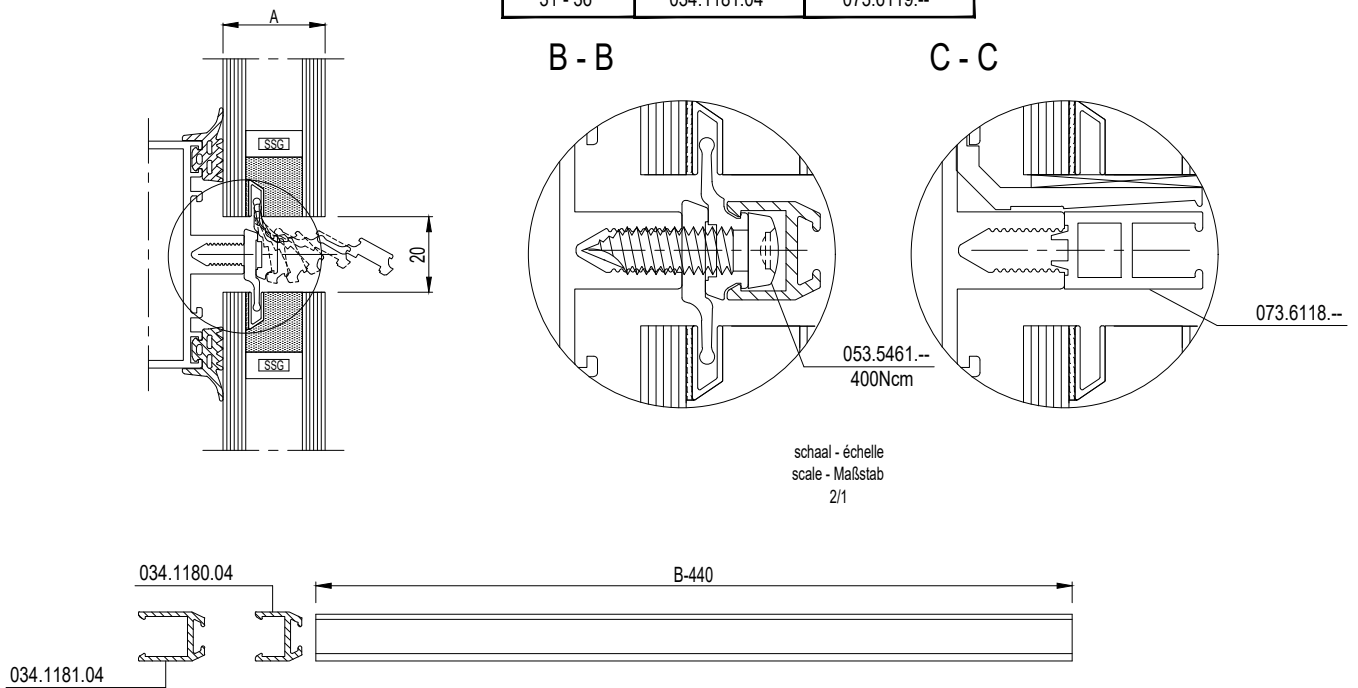
A - A



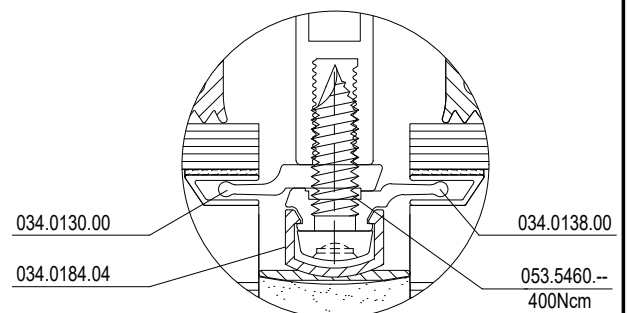
A		
27 - 30	034.1180.04	073.6118.--
31 - 36	034.1181.04	073.6119.--

B - B

C - C

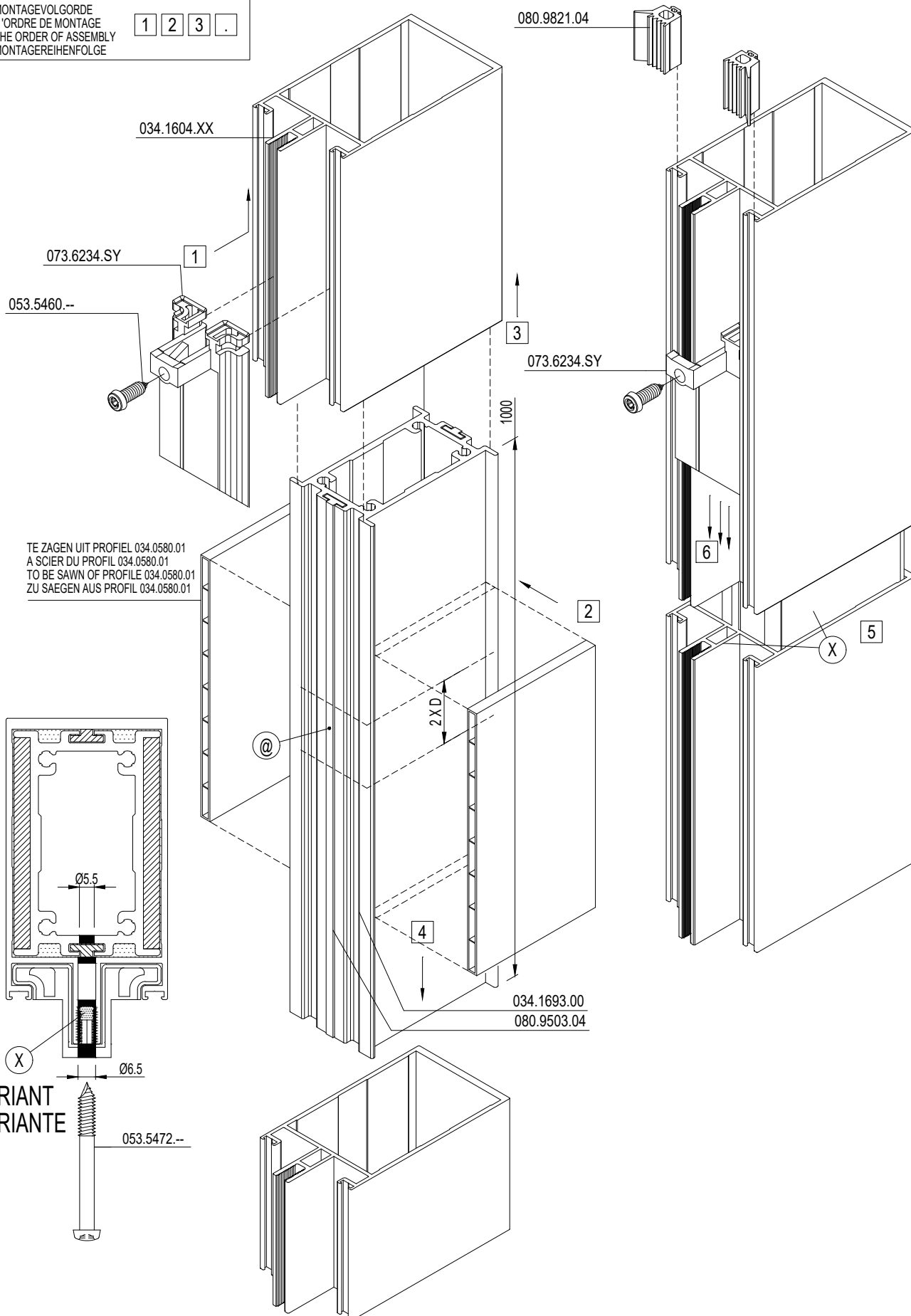


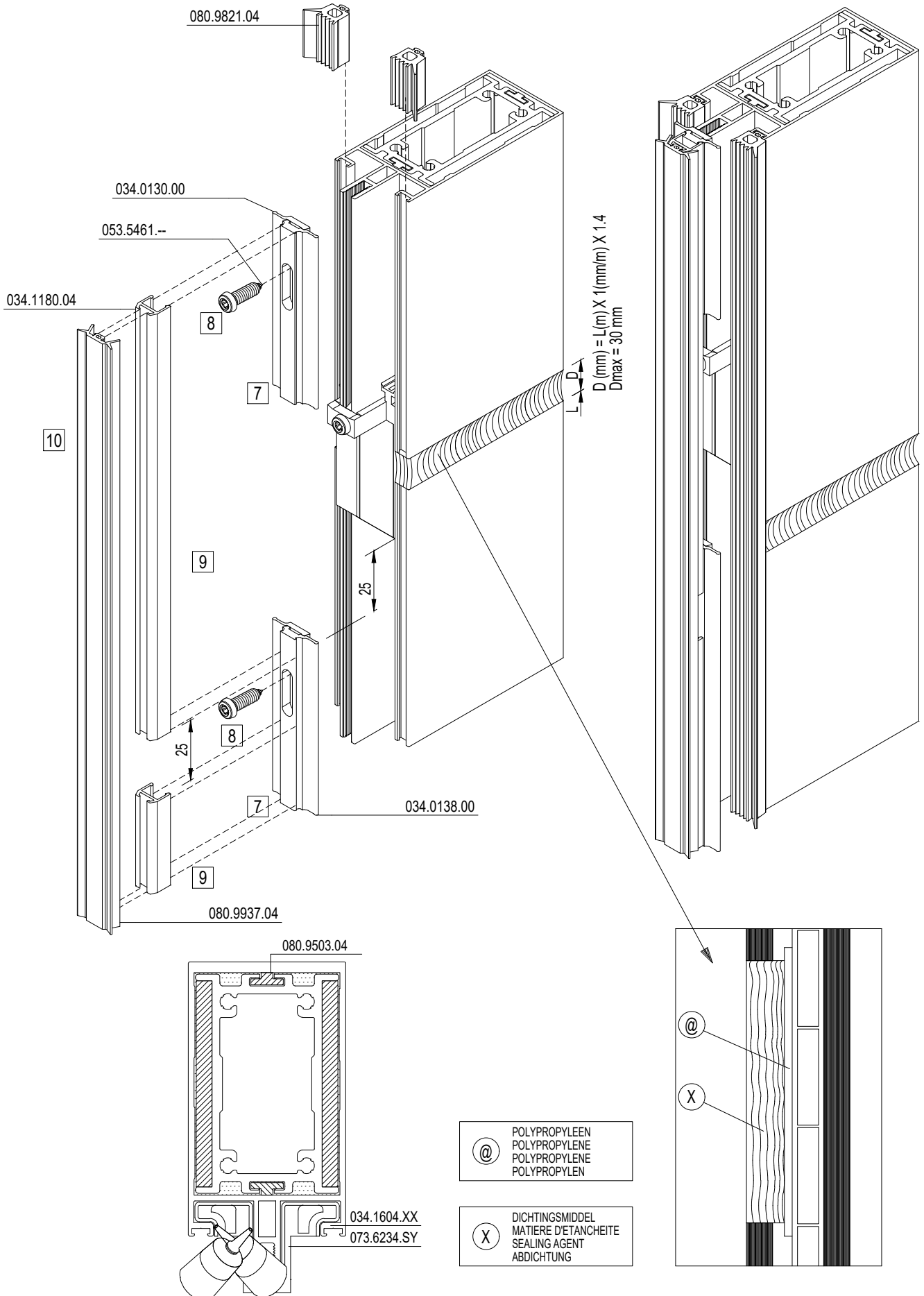
A' - A'

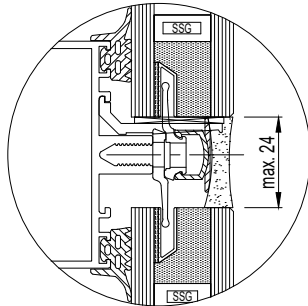
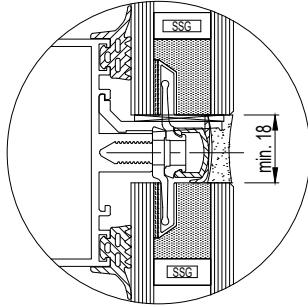
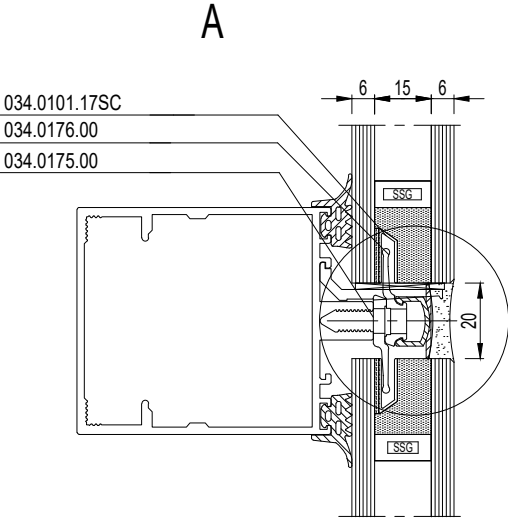
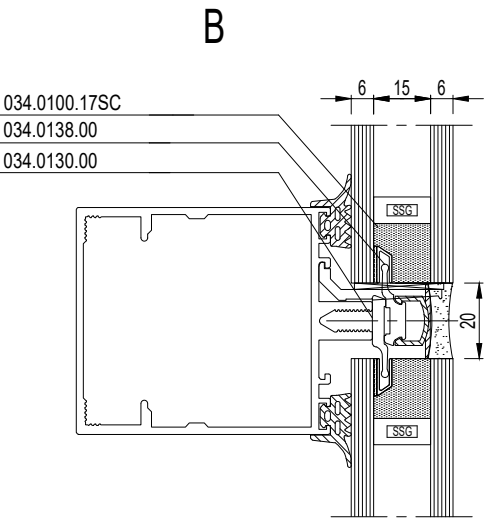
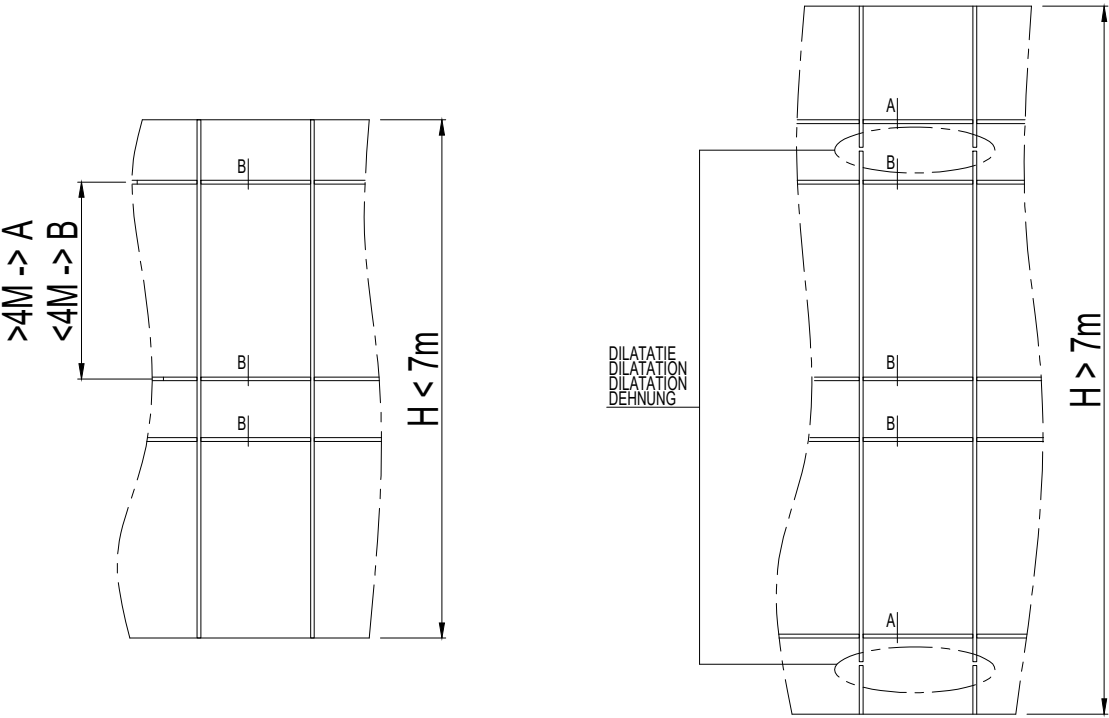


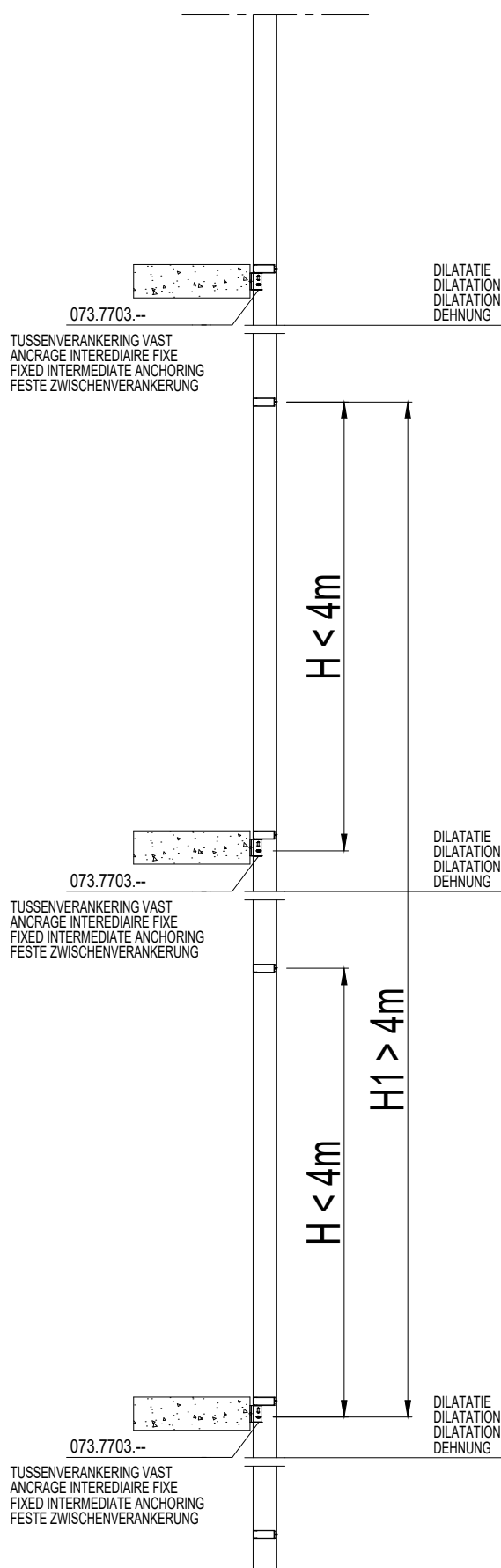
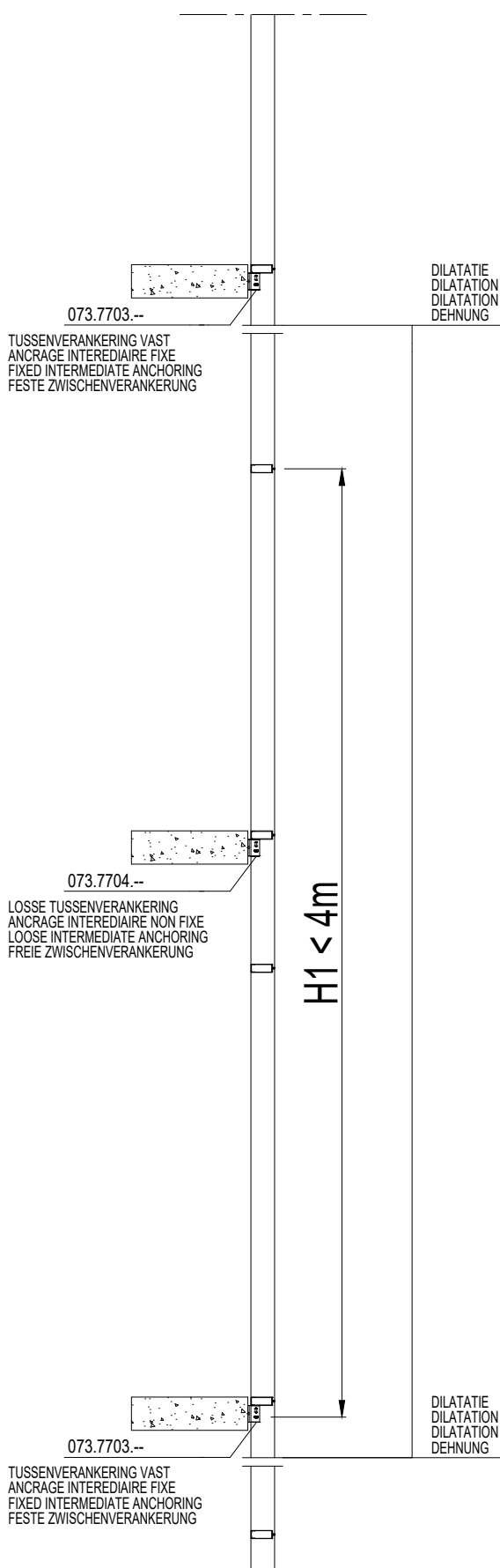
MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

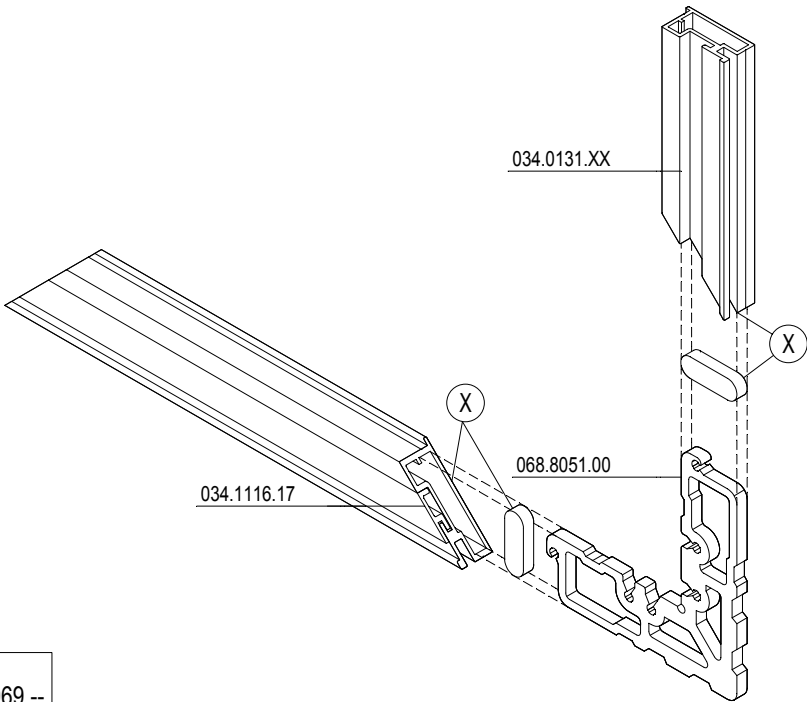
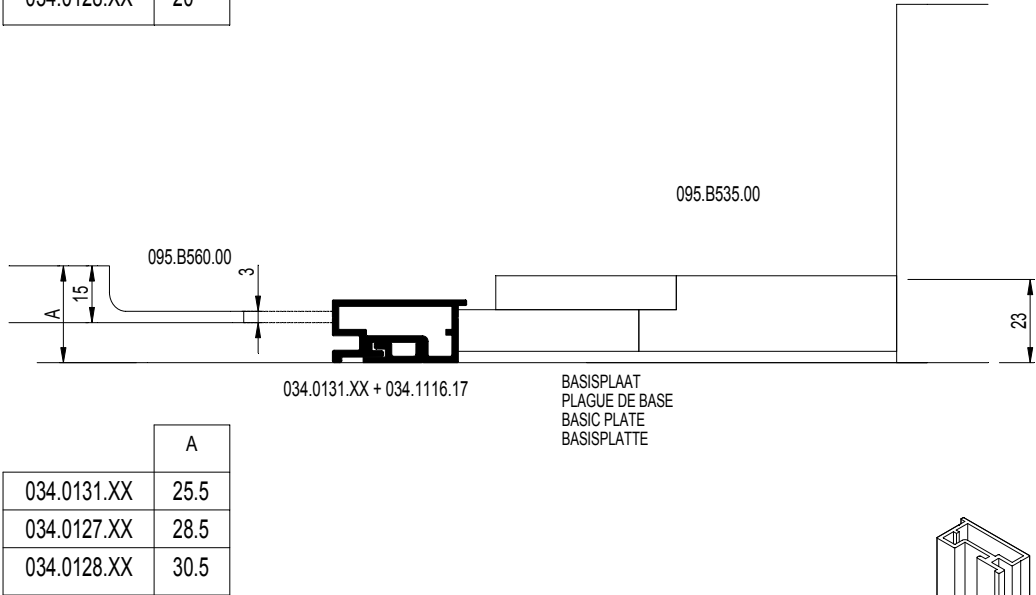
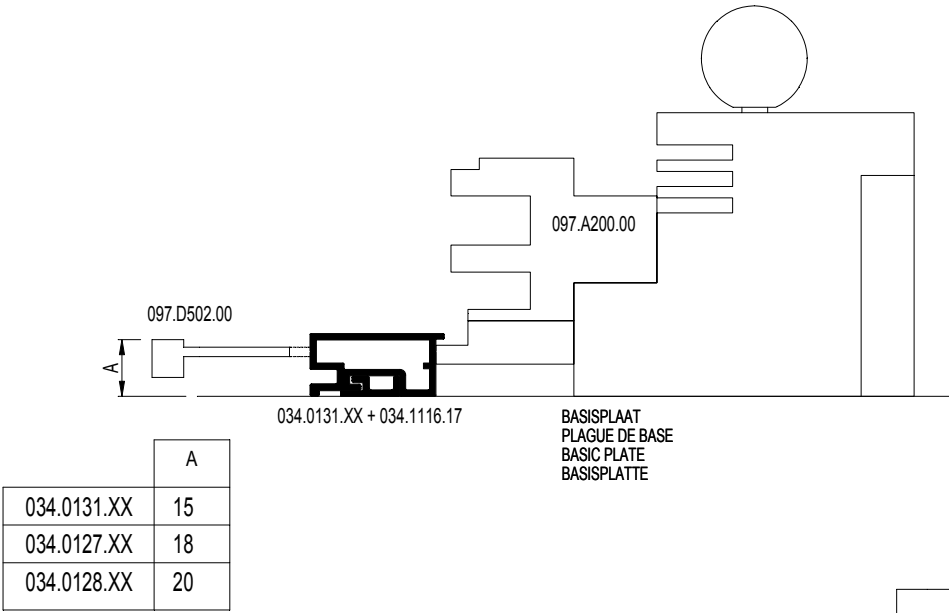
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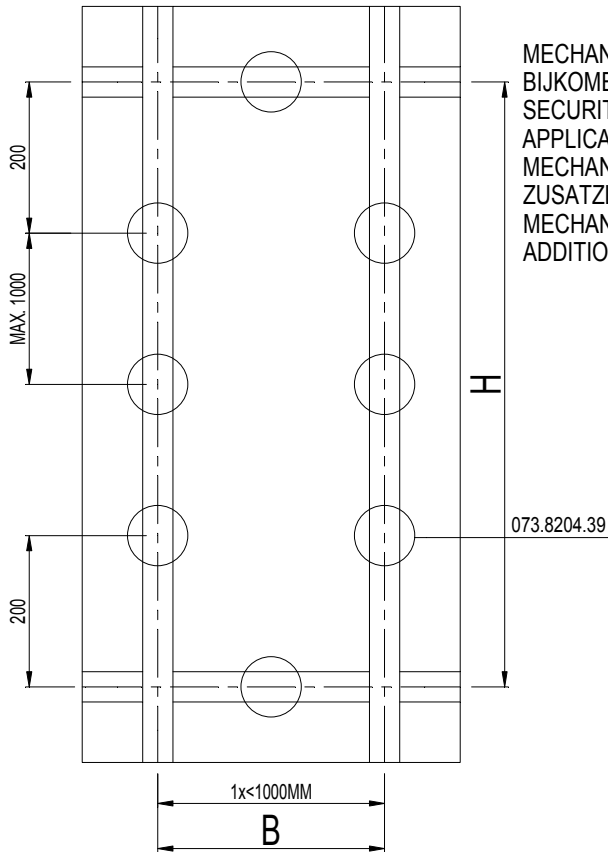


VERLIJMEN EN AFDICHTEN
COLLER ET ENTANCHER
GLUE AND SEAL OF
MEIMEN UND ABDICHTEN

084.9069.--

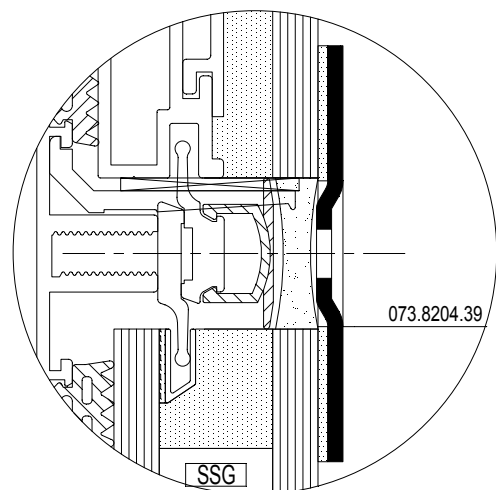
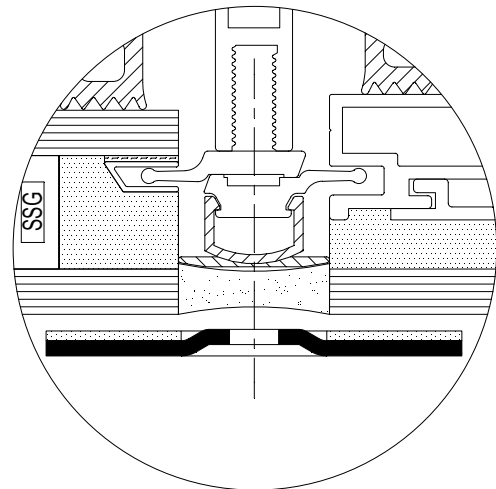
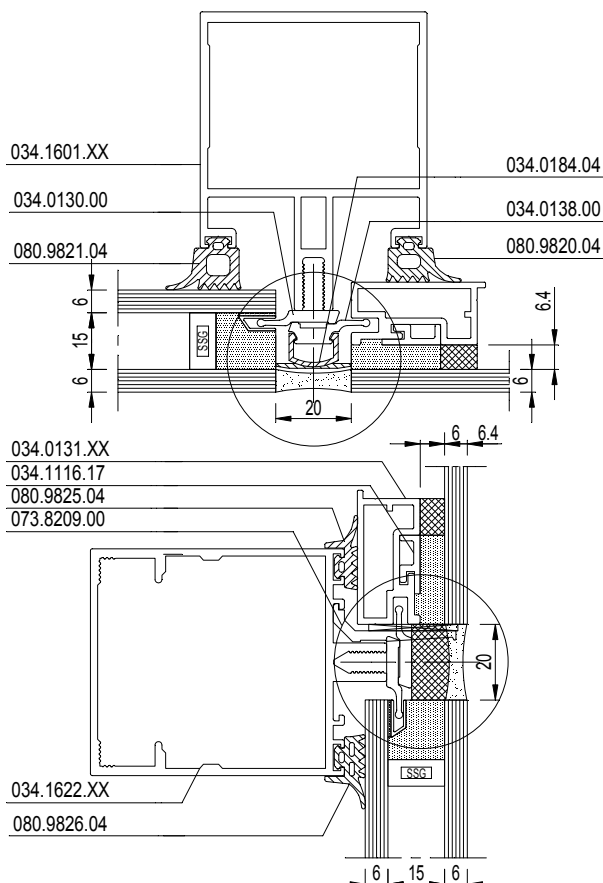
ETAG
002

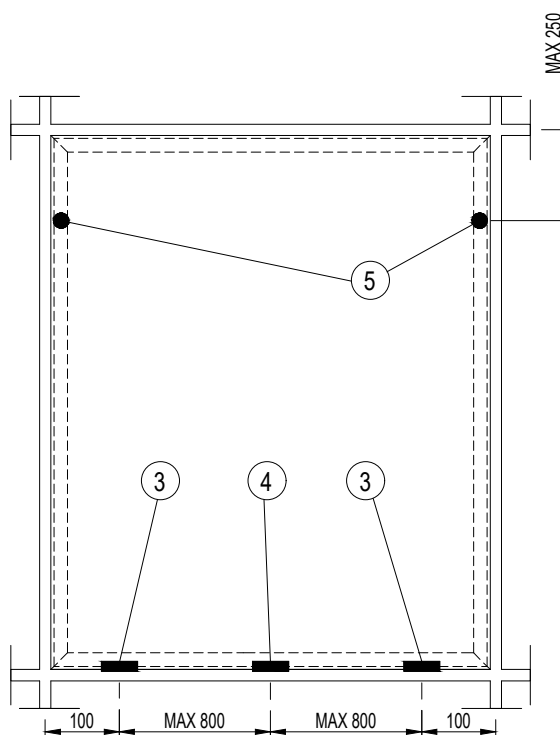
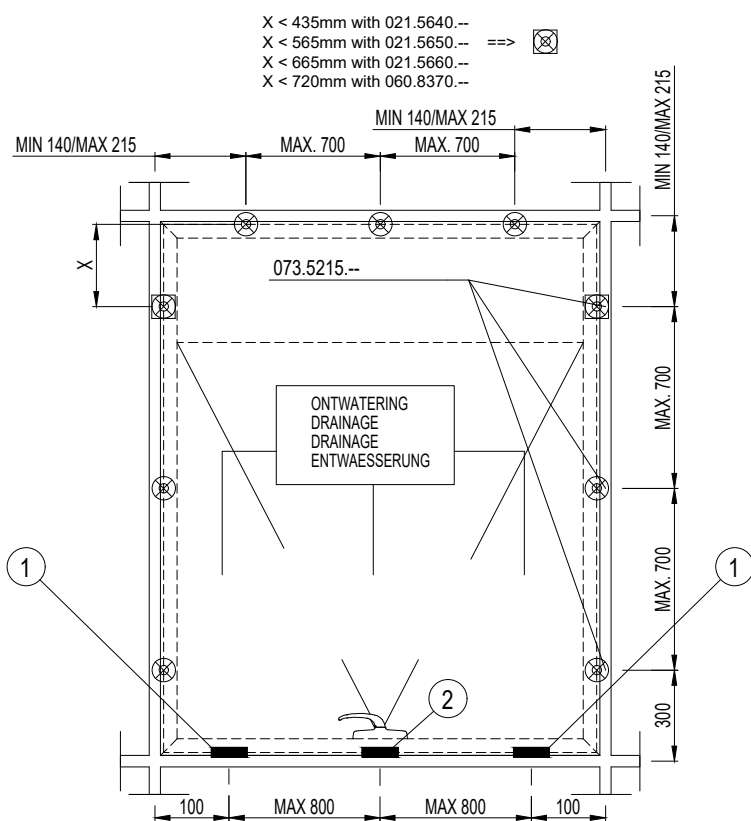
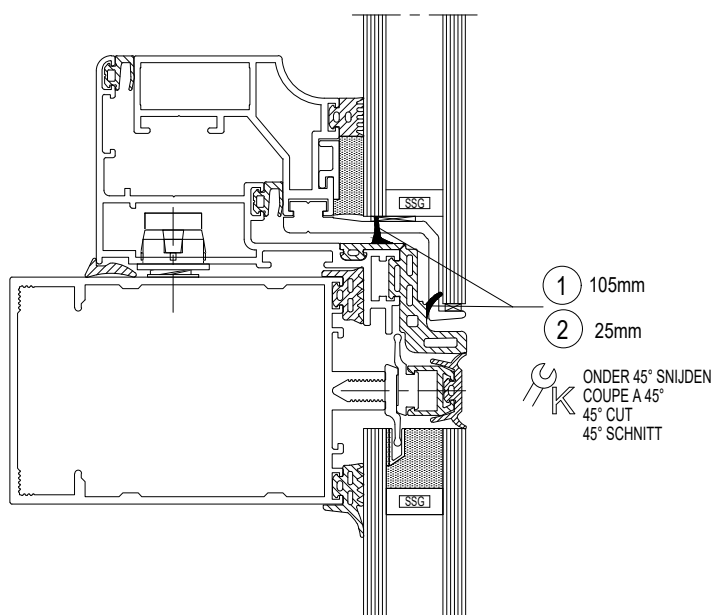
D0056165



MECHANISCHE BEVEILIGING GLAS IS VERPLICHT BOVEN INGANG.
 BIJKOMENDE TOEPASSINGEN VOLGENS LOCALE RICHTLIJNEN.
 SECURITE MECANIQUE DU VERRE EST OBLIGATOIRE AUDESSOUS DE L'ENTREE.
 APPLICATIONS SUPPLEMENTAIRES SELON LES DIRECTIVES LOCALES.
 MECHANISCHE SICHERUNG DES GLASES OBEN EINGANG IST VERPFLICHTET.
 ZUSATZLICHE ANWENDUNGEN GEMAß DEN LOKALEN RICHTLINIEN.
 MECHANICAL SAFETY OF THE GLASS IS OBLIGED ABOVE THE ENTRANCE.
 ADDITIONAL APPLICATIONS ACCORDING TO THE LOCAL PRESCRIPTIONS.

VARIANT VARIANTE





ZIE OVERZICHT TABEL
 VOIR APERCU TABLEAU
 SEE OVERVIEW TABLE
 SIEHE UEBERSICHT TABELL

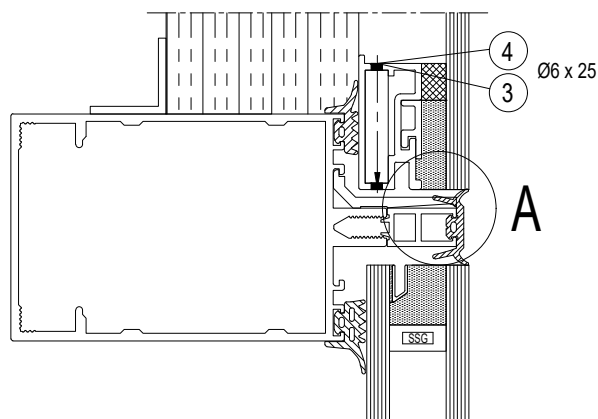
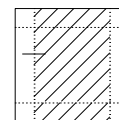
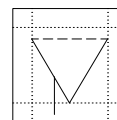


ETAG
 002

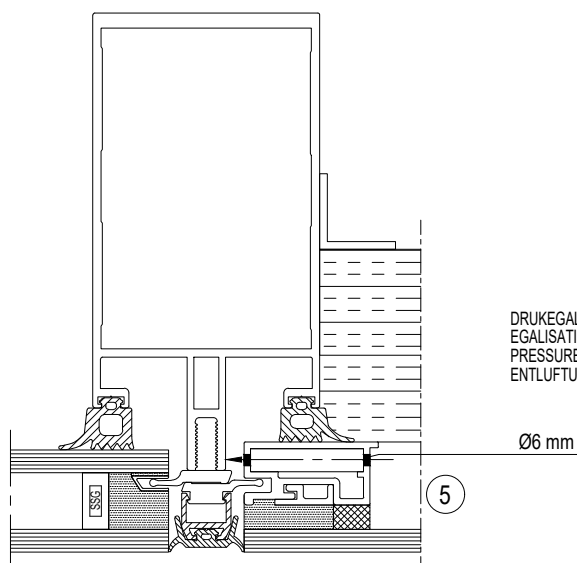
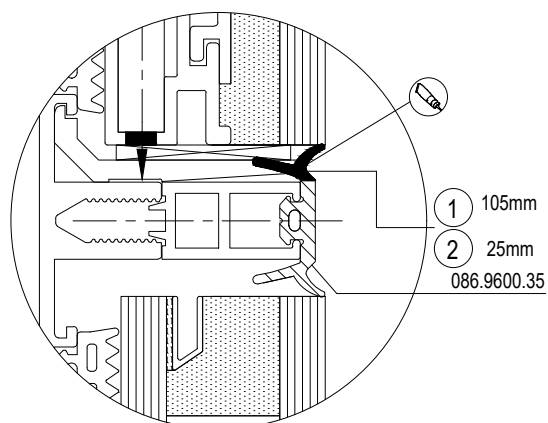
D0057159



AFKITEN DICTINGEN MET 084.9108.04
 ETANCHER LES JOINTS AVEC 084.9108.04
 SEAL THE GASKETS WITH 084.9108.04
 ABDICHTEN DER DICTINGEN MIT 084.9108.04



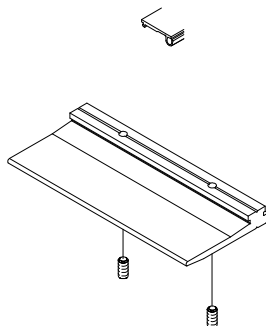
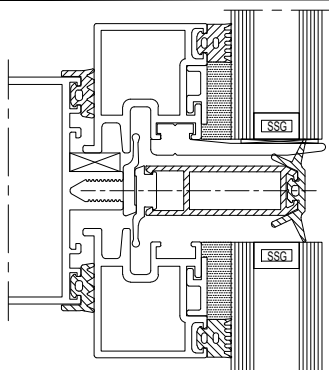
DETAIL A



DRUKEGALISATIE Ø6
 EGALISATION DE PRESSION Ø6
 PRESSURE EQUALISATION Ø6
 ENTLÜFTUNG Ø6

ETAG
 002

D0057159



MAX.



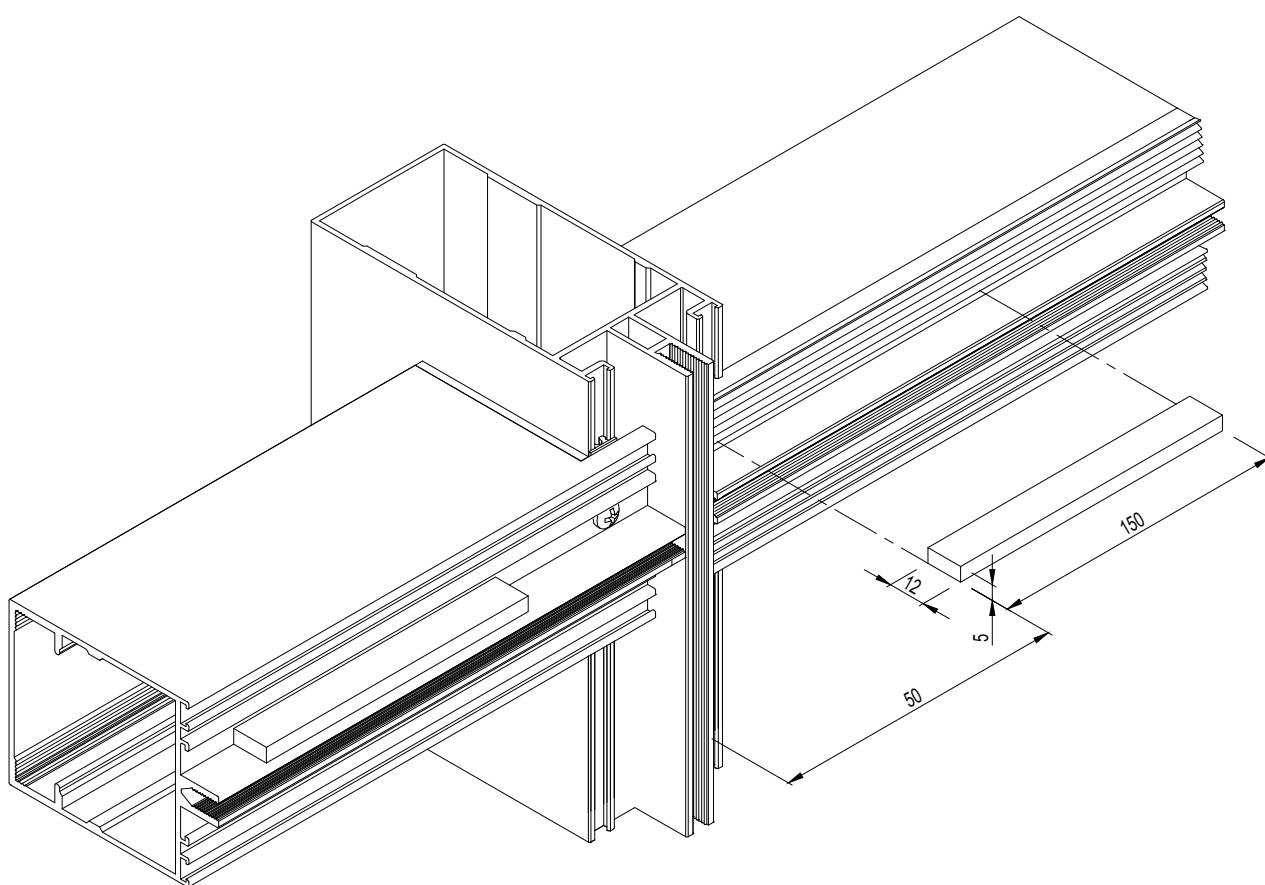
150 KG. (*)

PER GLASPANEEL

PAR VITRAGE

PER GLASS PANEL

PRO FUELLUNG



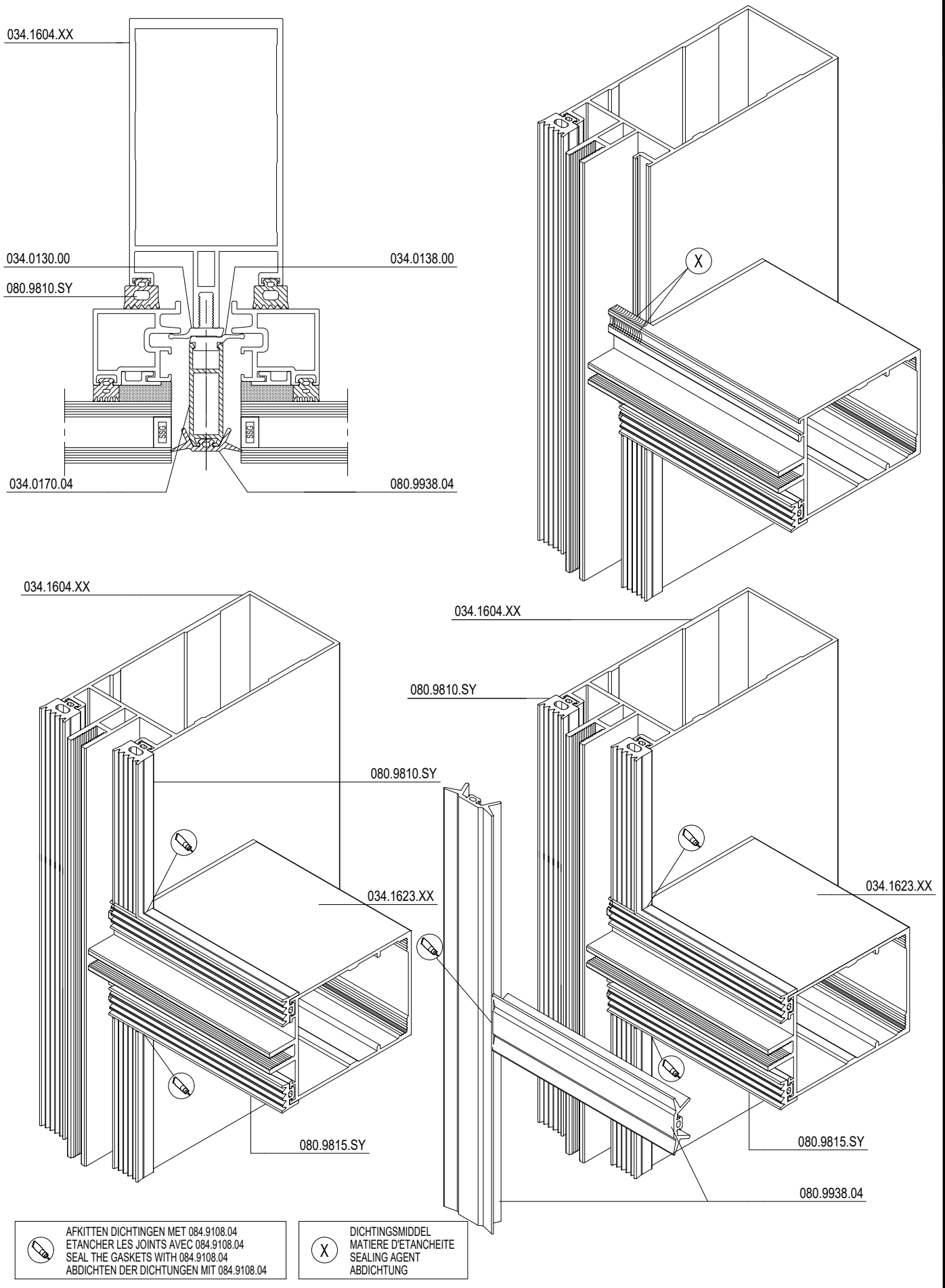
* VOOR EXACTE GEGEVENS VAN HET GLASGEWICHT IN COMBINATIE MET DRUK : ZIE
BEREKENINGEN MAX. GLASGEWICHTEN P. : 52.B.---

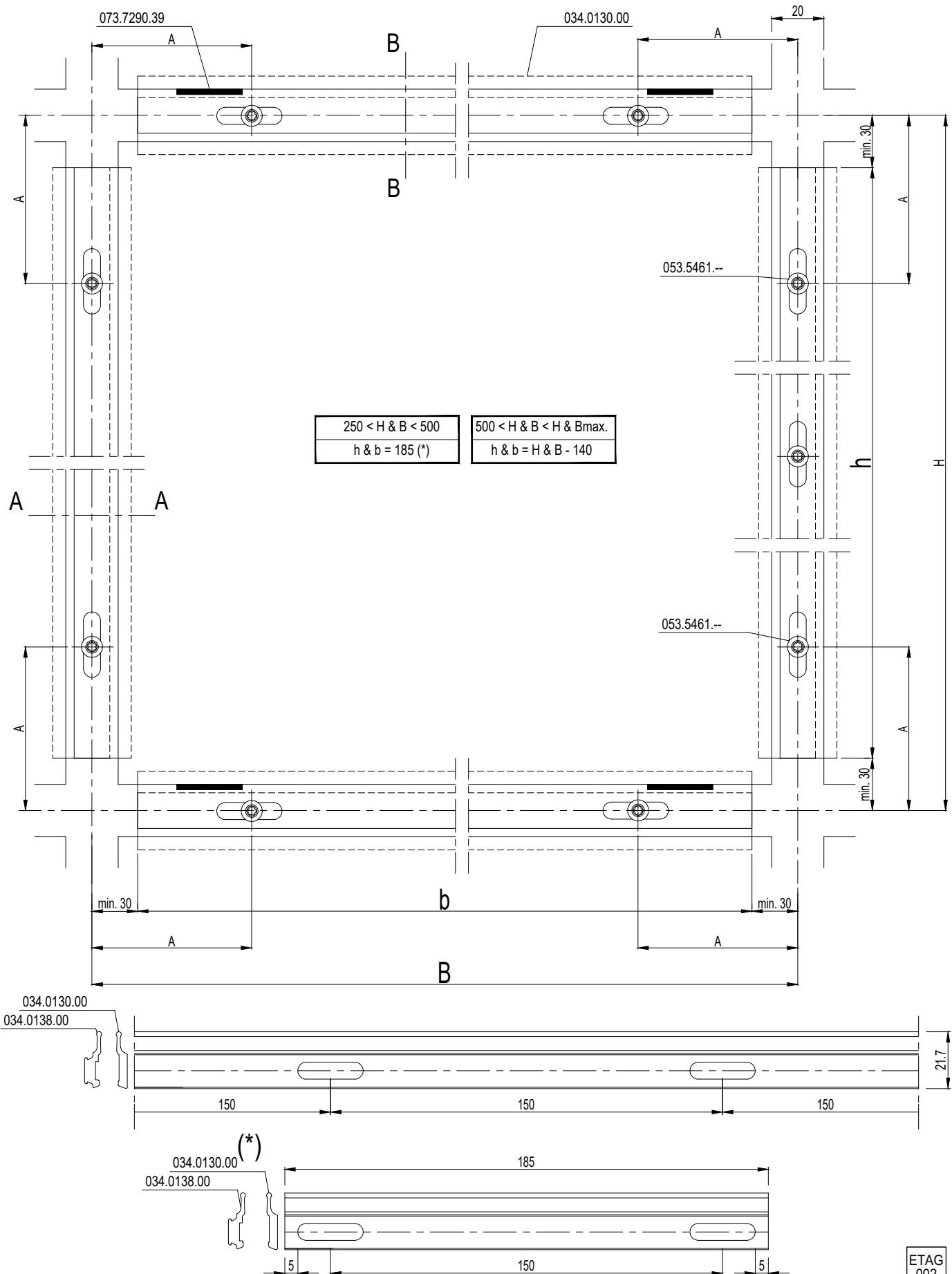
* POUR LES DONNÉES EXACTES DU POIDS DE VITRAGE EN COMBINAISON AVEC LA PRESSION :
VOIR CALCULS POIDS DE VITRAGE MAX. P. : 52.B.---

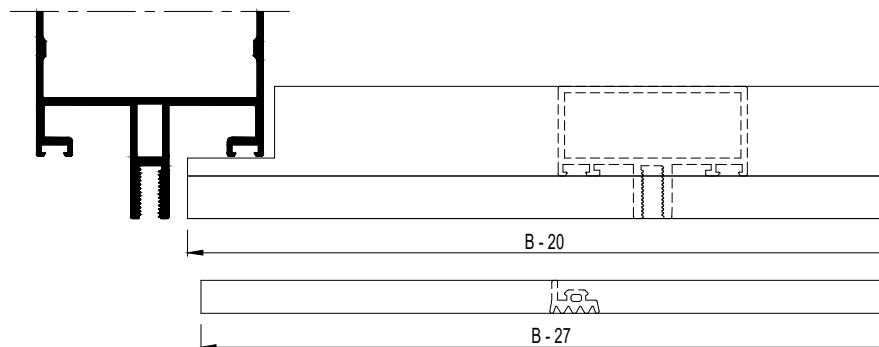
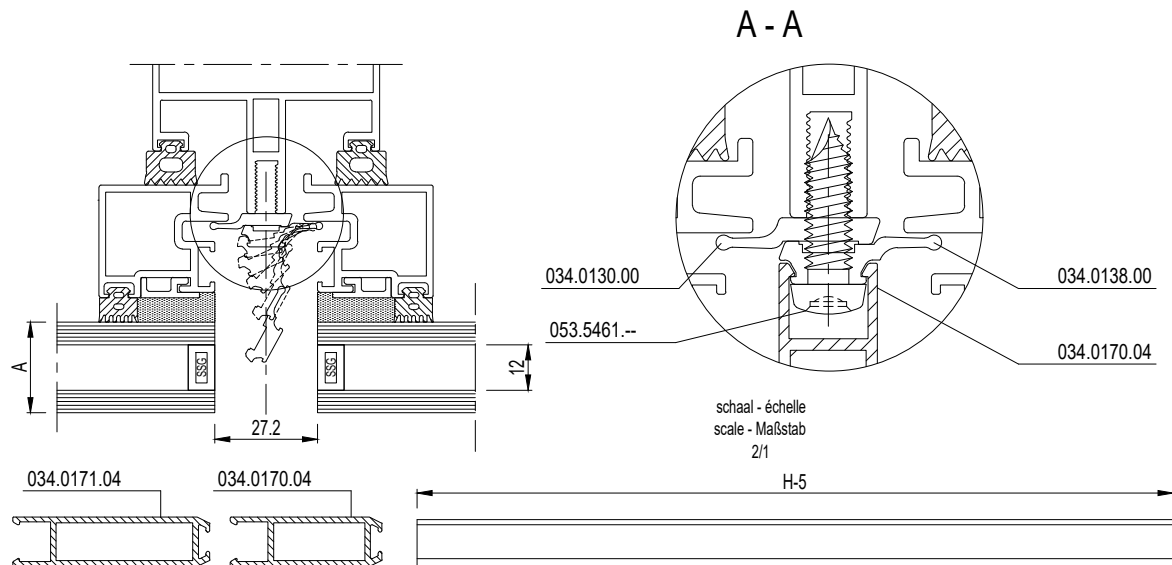
* FOR EXACT DATA ON THE GLASS WEIGHT IN COMBINATION WITH PRESSURE : SEE
CALCULATIONS ON MAX. GLASS WEIGHTS P. : 52.B.---

* FUER DIE GENAUEN DATEN DES GLASGEWICHTS IN KOMBINATION MIT DRUCK : SIEHE
BERECHNUNGEN MAXIMALGLASGEWICHTE P. : 52.B.---

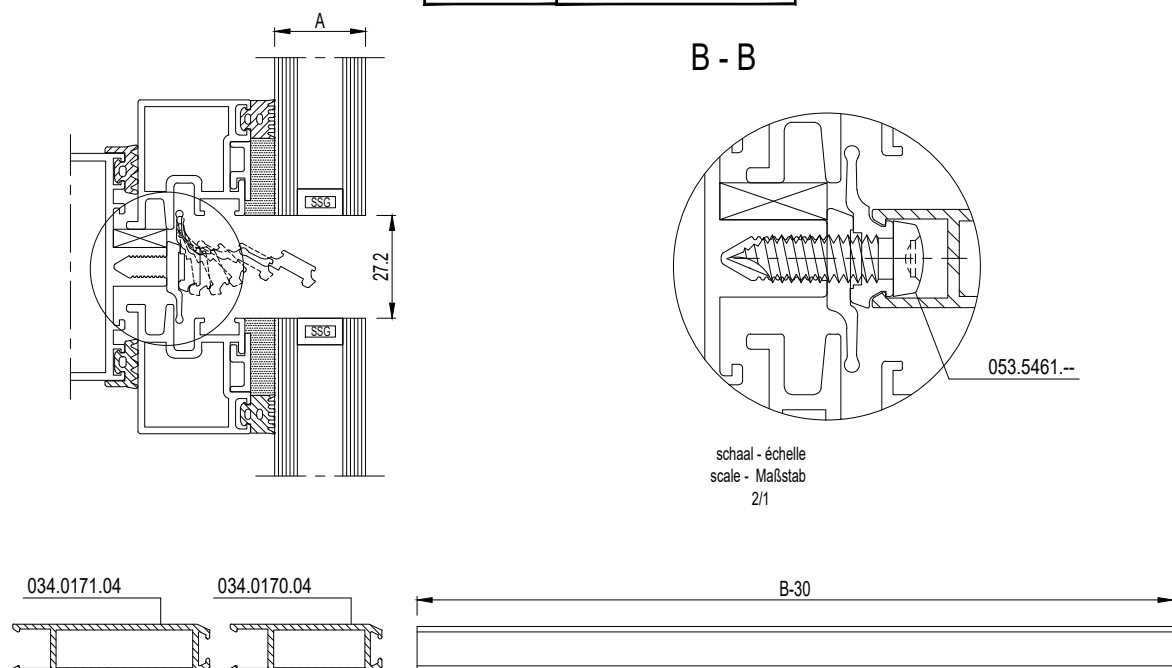
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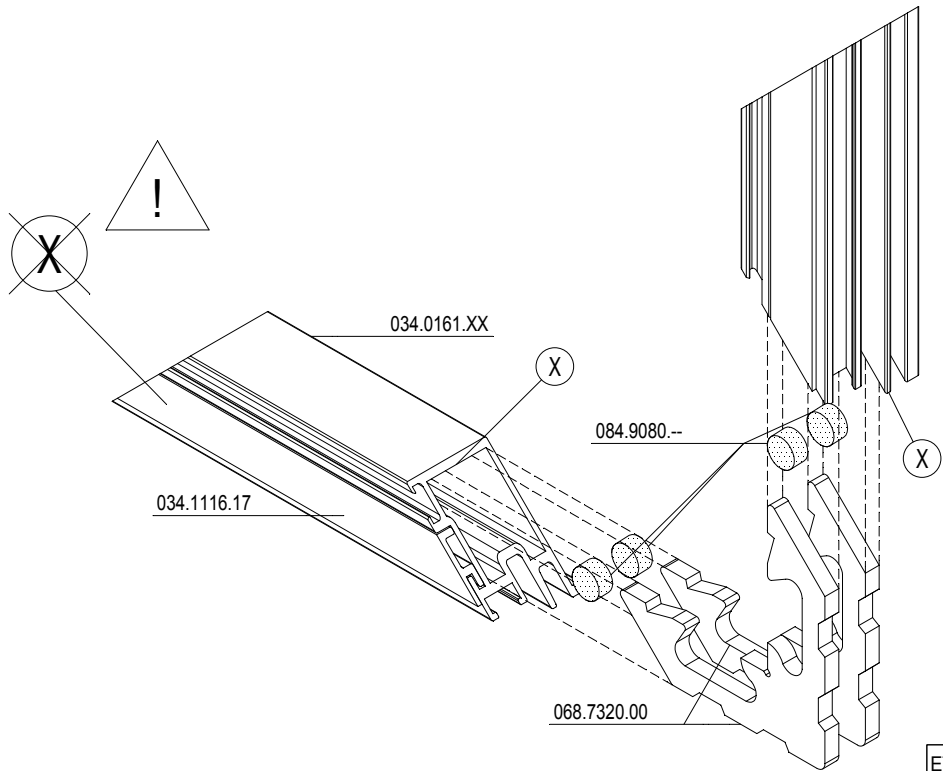
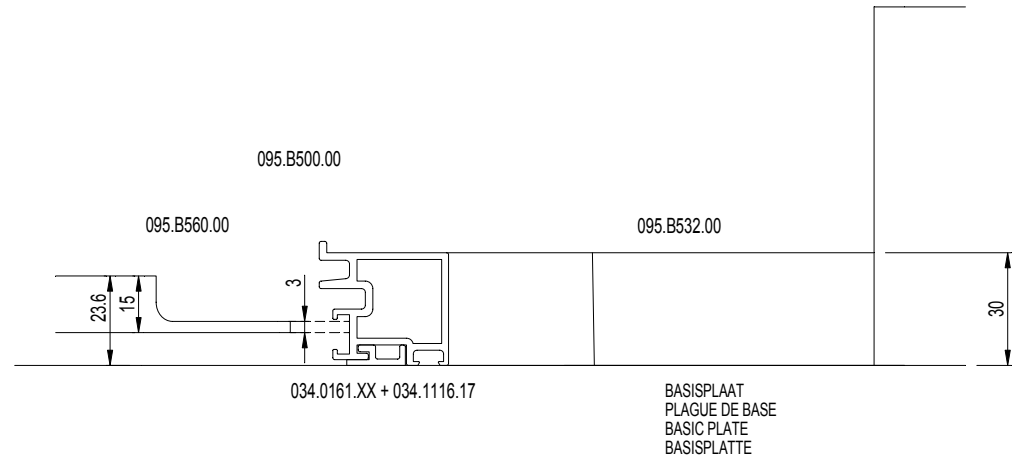
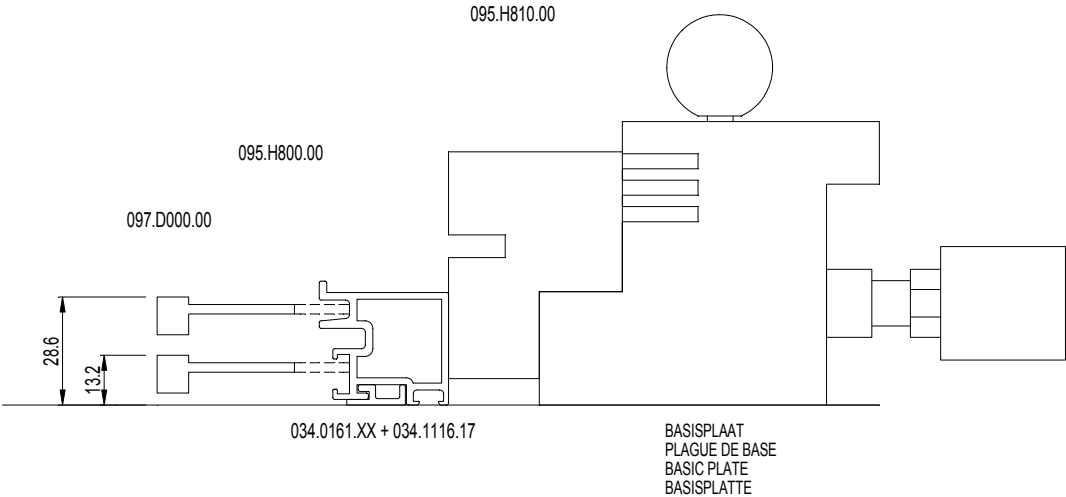






A	
27 - 30	034.0170.04
31 - 36	034.0171.04

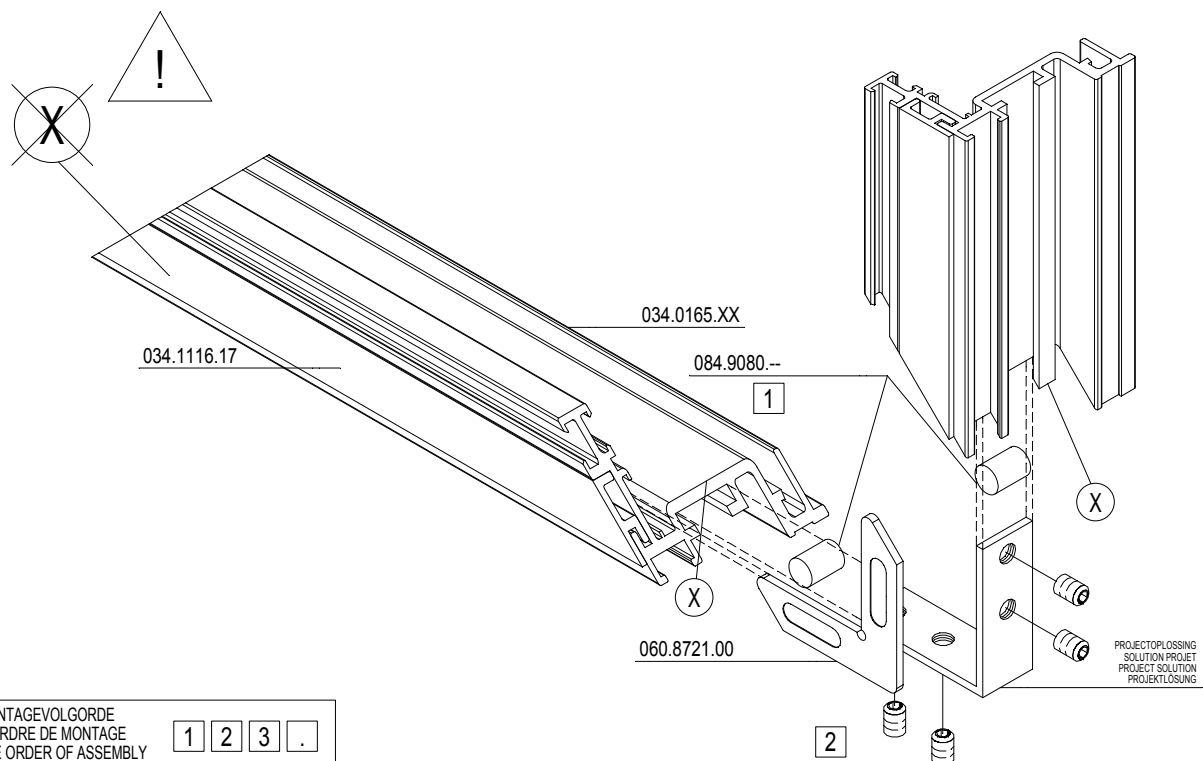
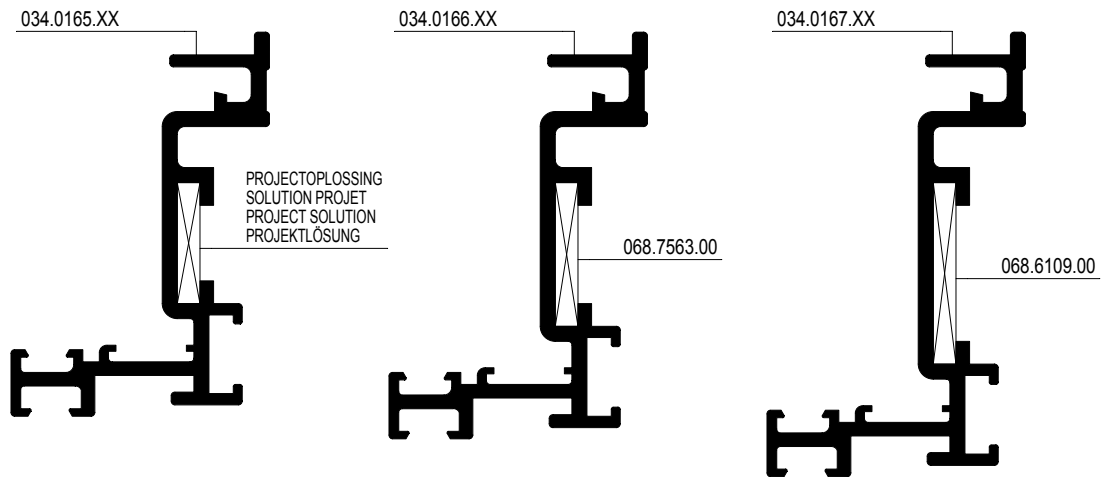




DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

ETAG
002

D0049338

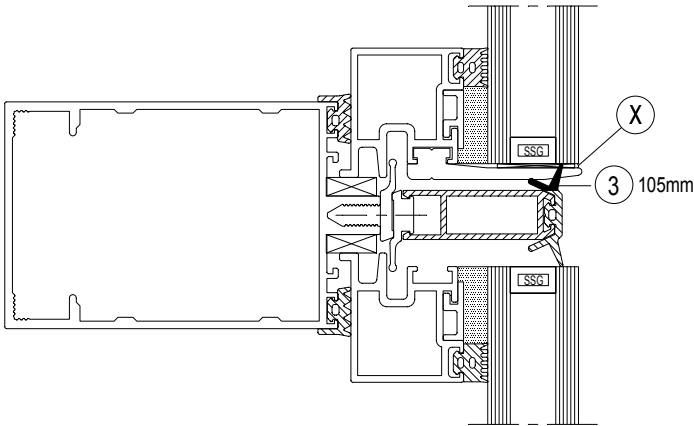
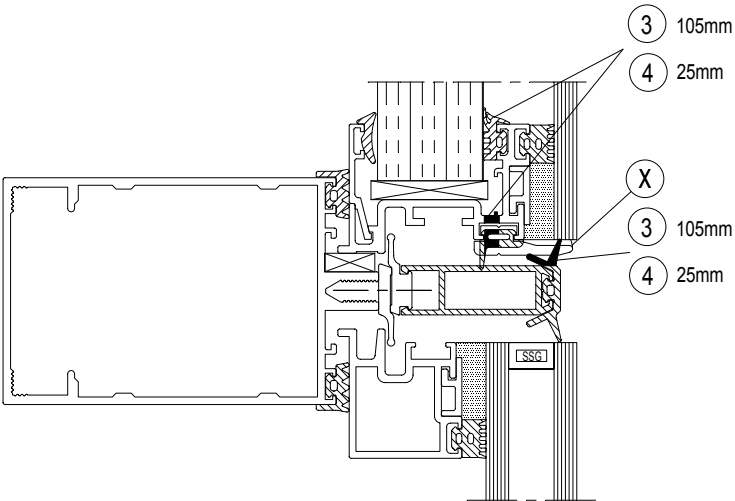
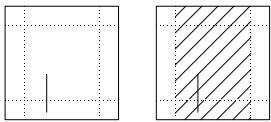
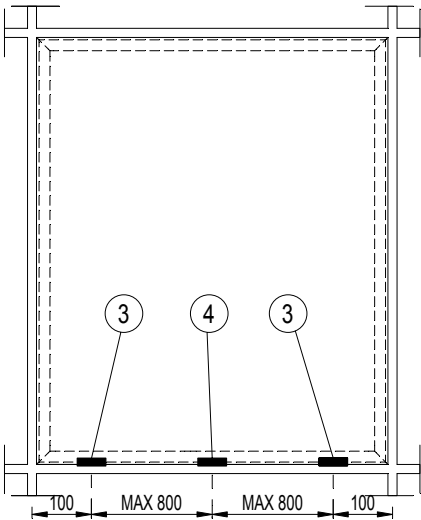
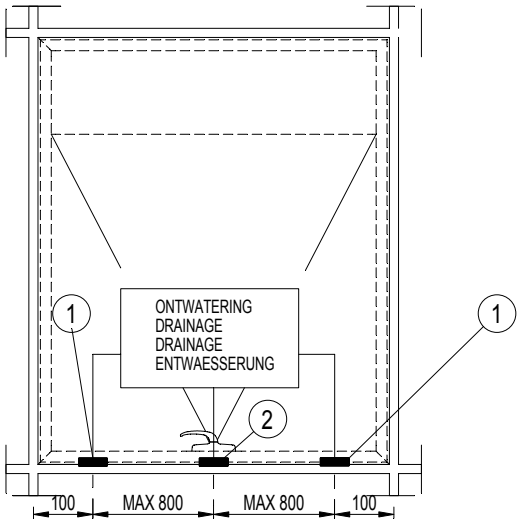


MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

ETAG
002

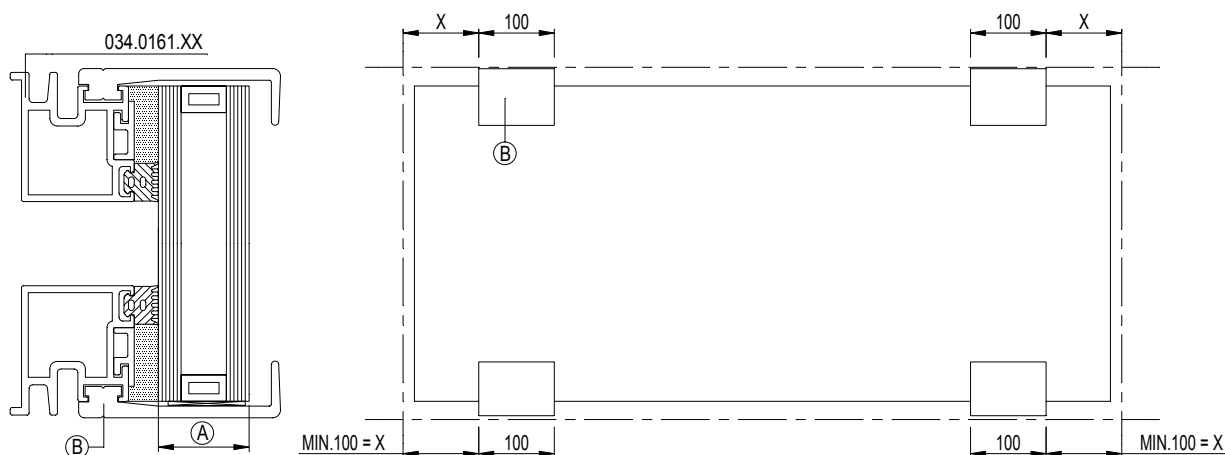
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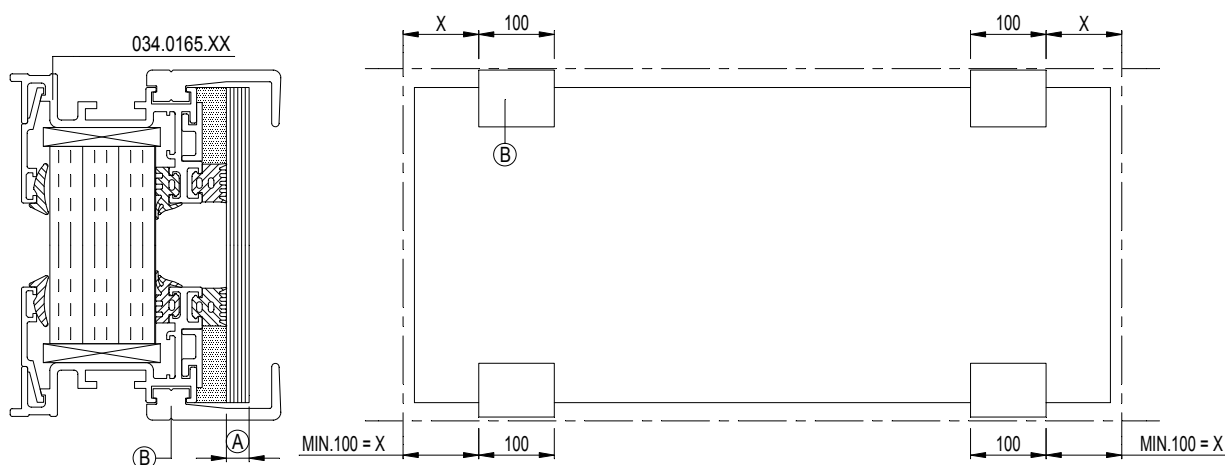
(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

ETAG
002

D0056174



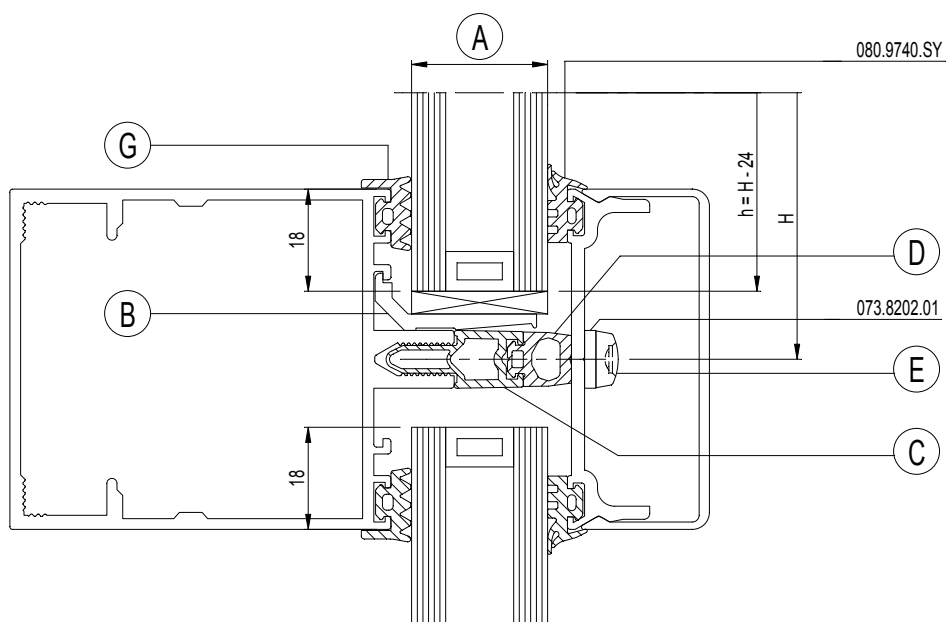
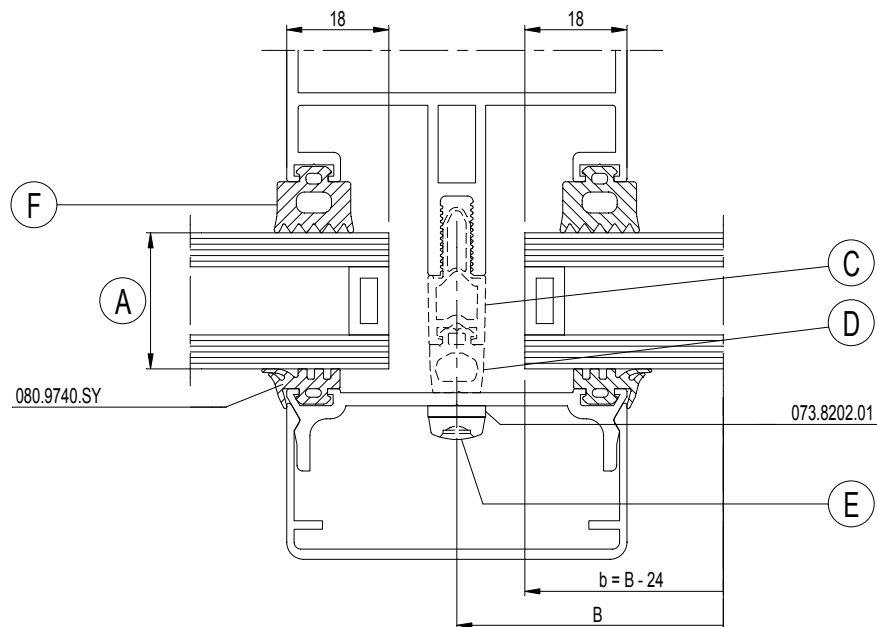
A	B
GLAS VERRE GLASS GLAS	GLASSTEUN / MECHANISCHE BEVEILIGING SUPPORT CALE DE VITRAGE / PROTECTION MECANIQUE GLASS SUPPORT / MECHANICAL SAFETY GLASAUFLAGEPROFIL / MECHANISCHE SICHERUNG
24 - 27 mm	073.7280.39
28 - 34 mm	073.7282.39
35 - 36 mm	073.7284.39

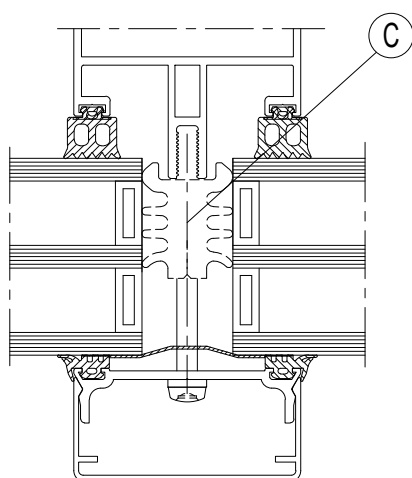
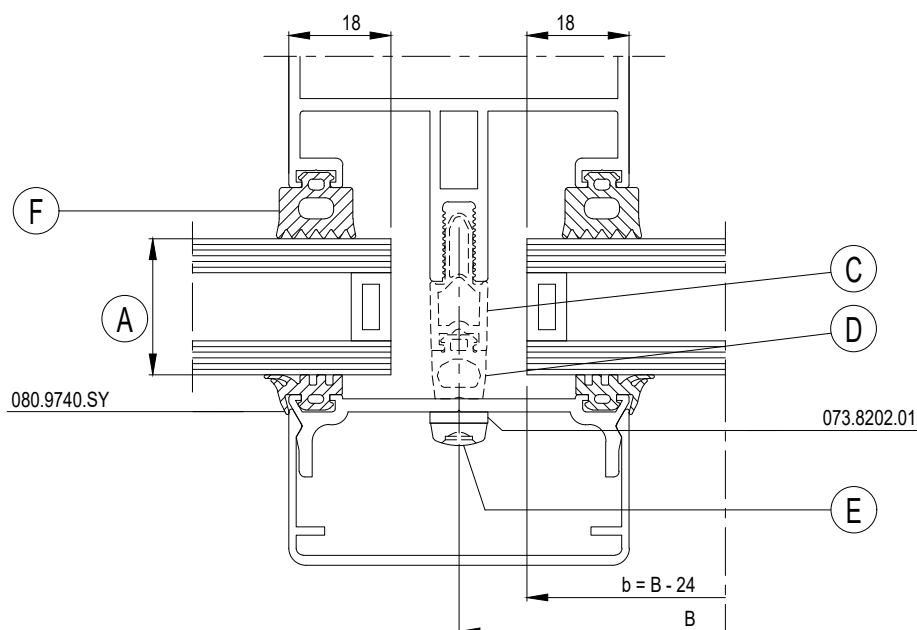


A	B
GLAS VERRE GLASS GLAS	GLASSTEUN / MECHANISCHE BEVEILIGING SUPPORT CALE DE VITRAGE / PROTECTION MECANIQUE GLASS SUPPORT / MECHANICAL SAFETY GLASAUFLAGEPROFIL / MECHANISCHE SICHERUNG
6 - 9 mm	073.7278.39

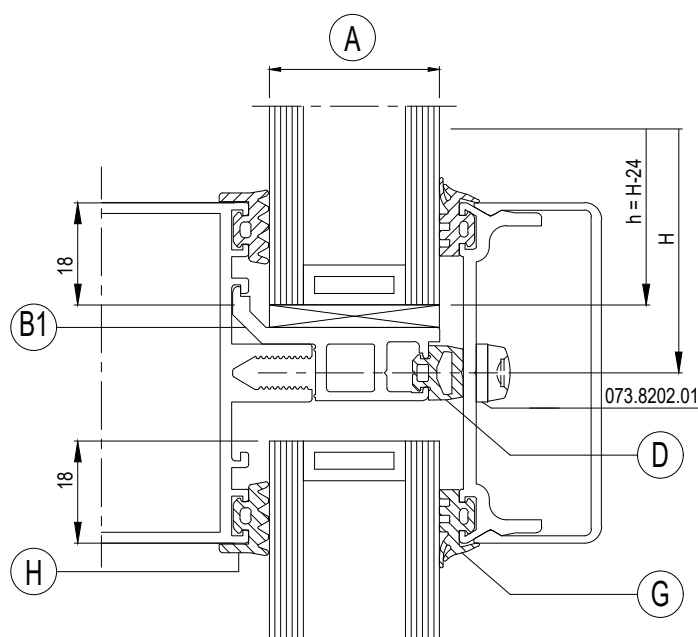
MECHANISCHE BEVEILIGING GLAS IS VERPLICHT BOVEN INGANG.
 BIJKOMENDE TOEPASSINGEN VOLGENS LOCALE RICHTLIJNEN.
 SECURITE MECANIQUE DU VERRE EST OBLIGATOIRE AUDESSOUS DE L'ENTREE.
 APPLICATIONS SUPPLEMENTAIRES SELON LES DIRECTIVES LOCALES.
 MECHANISCHE SICHERUNG DES GLASES OBEN EINGANG IST VERPLICHTET.
 ZUSATZLICHE ANWENDUNGEN GEMAß DEN LOKALEN RICHTLINIEN.
 MECHANICAL SAFETY OF THE GLASS IS OBLIGED ABOVE THE ENTRANCE.
 ADDITIONAL APPLICATIONS ACCORDING TO THE LOCAL PRESCRIPTIONS.

(A)	(B)	(C)	(D)	(E)		(F)	(G)
GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE		DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
6 mm	---	---	080.9518.04	6.3x22	053.5461.--	080.9871.04	080.9876.04
7 mm	---	---	080.9518.04	6.3x22	053.5461.--	080.9871.04	080.9876.04
8 mm	---	---	080.9518.04	6.3x22	053.5461.--	080.9810.SY	080.9815.SY
9 mm	---	---	080.9518.04	6.3x22	053.5461.--	080.9810.SY	080.9815.SY
10 mm	---	---	080.9518.04	6.3x25	053.5462.--	080.9810.SY	080.9815.SY
11 mm	---	---	080.9519.04	6.3x25	053.5462.--	080.9810.SY	080.9815.SY
12 mm	---	---	080.9519.04	6.3x25	053.5462.--	080.9810.SY	080.9815.SY
13 mm	---	---	080.9519.04	6.3x28	053.5463.--	080.9810.SY	080.9815.SY
14 mm	073.8207.00	---	080.9519.04	6.3x28	053.5463.--	080.9810.SY	080.9815.SY
15 mm	073.8207.00	---	080.9520.04	6.3x28	053.5463.--	080.9810.SY	080.9815.SY
16 mm	073.8207.00	---	080.9520.04	6.3x31	053.5464.--	080.9810.SY	080.9815.SY
17 mm	073.8207.00	---	080.9520.04	6.3x31	053.5464.--	080.9810.SY	080.9815.SY
18 mm	073.8207.00	---	080.9520.04	6.3x31	053.5464.--	080.9810.SY	080.9815.SY
19 mm	073.8207.00	034.0070.04	080.9522.04	6.3x34	053.5465.--	080.9810.SY	080.9815.SY
20 mm	073.8208.00	034.0070.04	080.9522.04	6.3x34	053.5465.--	080.9810.SY	080.9815.SY
21 mm	073.8208.00	034.0070.04	080.9522.04	6.3x34	053.5465.--	080.9810.SY	080.9815.SY
22 mm	073.8208.00	034.0070.04	080.9522.04	6.3x37	053.5466.--	080.9810.SY	080.9815.SY
23 mm	073.8208.00	034.0070.04	080.9523.04	6.3x37	053.5466.--	080.9810.SY	080.9815.SY
24 mm	073.8208.00	034.0070.04	080.9523.04	6.3x37	053.5466.--	080.9810.SY	080.9815.SY
25 mm	073.8209.00	034.0071.04	080.9522.04	6.3x40	053.5467.--	080.9810.SY	080.9815.SY
26 mm	073.8209.00	034.0071.04	080.9522.04	6.3x40	053.5467.--	080.9810.SY	080.9815.SY
27 mm	073.8209.00	034.0071.04	080.9523.04	6.3x40	053.5467.--	080.9810.SY	080.9815.SY
28 mm	073.8209.00	034.0071.04	080.9523.04	6.3x43	053.5468.--	080.9810.SY	080.9815.SY
29 mm	073.8212.00	034.0072.04	080.9522.04	6.3x43	053.5468.--	080.9810.SY	080.9815.SY
30 mm	073.8212.00	034.0072.04	080.9522.04	6.3x43	053.5468.--	080.9810.SY	080.9815.SY
31 mm	073.8212.00	034.0072.04	080.9523.04	6.3x46	053.5469.--	080.9810.SY	080.9815.SY
32 mm	073.8212.00	034.0072.04	080.9523.04	6.3x46	053.5469.--	080.9810.SY	080.9815.SY
33 mm	073.8213.00	034.0073.04	080.9522.04	6.3x46	053.5469.--	080.9810.SY	080.9815.SY
34 mm	073.8213.00	034.0073.04	080.9522.04	6.3x49	053.5470.--	080.9810.SY	080.9815.SY
35 mm	073.8213.00	034.0073.04	080.9523.04	6.3x49	053.5470.--	080.9810.SY	080.9815.SY
36 mm	073.8213.00	034.0073.04	080.9523.04	6.3x49	053.5470.--	080.9810.SY	080.9815.SY

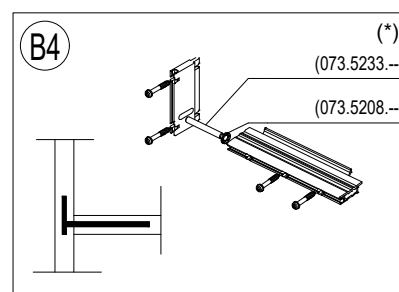
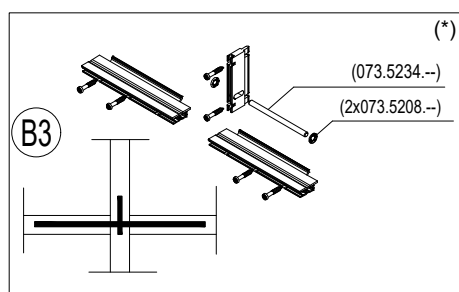
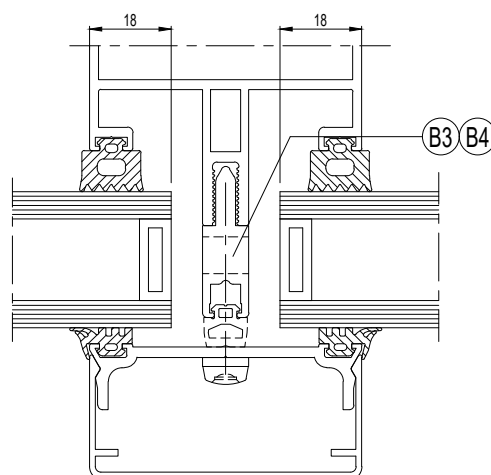
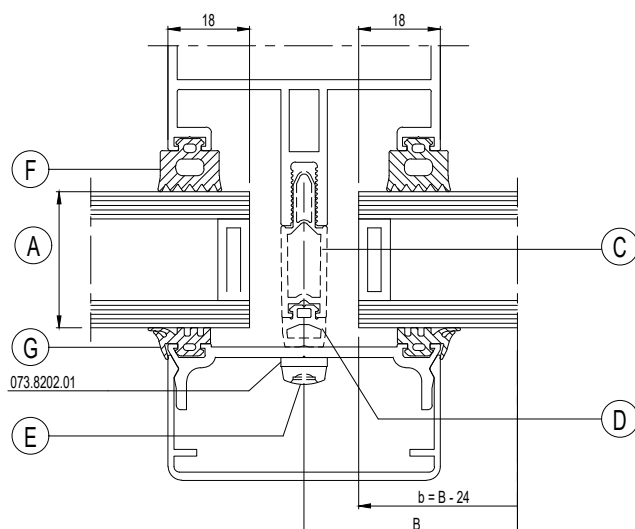




A	B1	C	D
GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG
26 mm	073.7482.00 + 2x 053.5462.--	034.0072.04	080.9522.04
27 mm	073.7482.00 + 2x 053.5462.--	034.0072.04	080.9523.04
28 mm	073.7482.00 + 2x 053.5462.--	034.0072.04	080.9523.04
29-30 mm	073.7482.00 + 2x 053.5462.--	034.0072.04	080.9522.04
31-32 mm	073.7482.00 + 2x 053.5462.--	034.0072.04	080.9523.04
33 mm	073.7483.00 + 2x 053.5462.--	034.0073.04	080.9522.04
34 mm	073.7483.00 + 2x 053.5462.--	034.0073.04	080.9522.04
35-36 mm	073.7483.00 + 2x 053.5462.--	034.0073.04	080.9523.04
37-38 mm	073.7484.00 + 2x 053.5463.--	034.0074.04	080.9522.04
39 mm	073.7484.00 + 2x 053.5463.--	034.0074.04	080.9523.04
40 mm	073.7484.00 + 2x 053.5463.--	034.0074.04	080.9523.04
41-42 mm	073.7485.00 + 2x 053.5466.--	034.0075.04	080.9522.04
43-44 mm	073.7485.00 + 2x 053.5466.--	034.0075.04	080.9523.04
45-46 mm	073.7486.00 + 2x 053.5468.--	034.0076.04	080.9522.04
47-48 mm	073.7486.00 + 2x 053.5468.--	034.0076.04	080.9523.04
49-50-51 mm	073.7488.00 + 2x 053.5470.--	080.9893.07	...
52-53 mm	073.7488.00 + 2x 053.5470.--	080.9893.07	...
54-55 mm	073.7488.00 + 2x 053.5470.--	080.9893.07	...
56-57 mm	073.7490.00 + 2x 053.5473.--	080.9893.07	...
58-59 mm	073.7490.00 + 2x 053.5473.--	080.9893.07	...
60-61 mm	073.7490.00 + 2x 053.5473.--	080.9893.07	...
62 mm	073.7490.00 + 2x 053.5473.--	080.9893.07	...



E		F		G	H
SCHROEF VIS SCREW SCHRAUBE		DICHTING JOINT GASKET DICHTUNG		DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
6.3x43	053.5468.--	080.9812.04	080.9740.SY	080.9817.04	
6.3x43	053.5468.--	080.9812.04	080.9740.SY	080.9817.04	
6.3x43	053.5469.--	080.9812.04	080.9740.SY	080.9817.04	
6.3x43	053.5468.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x46	053.5469.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x46	053.5469.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x49	053.5470.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x49	053.5470.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x52	053.5471.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x52	053.5471.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x55	053.5472.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x55	053.5472.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x58	053.5473.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x58	053.5473.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x61	053.5474.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x67	053.5476.--	080.9812.04	080.9740.SY	080.9817.04	
6.3x67	053.5476.--	080.9871.04	080.9740.SY	080.9876.04	
6.3x67	053.5476.--	080.9810.SY	080.9740.SY	080.9815.SY	
6.3x76	053.5479.--	080.9812.04	080.9741.04	080.9817.04	
6.3x76	053.5479.--	080.9812.04	080.9740.SY	080.9817.04	
6.3x76	053.5479.--	080.9871.04	080.9740.SY	080.9876.04	
6.3x76	053.5479.--	080.9810.SY	080.9740.SY	080.9815.SY	

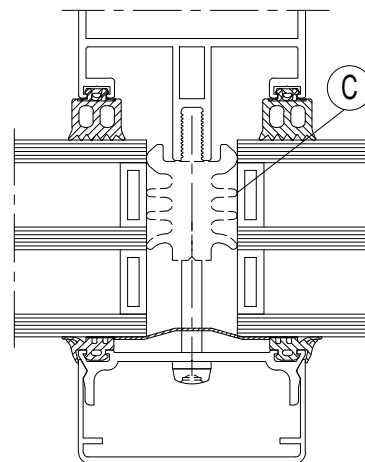
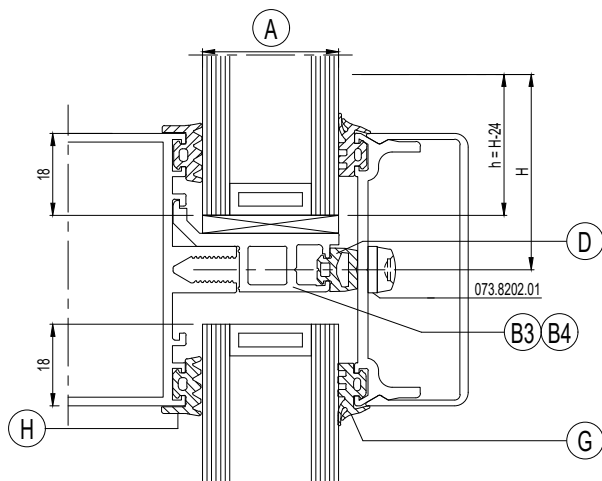


A

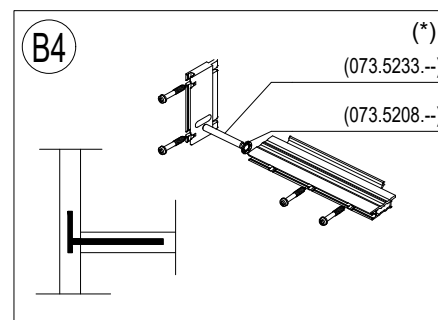
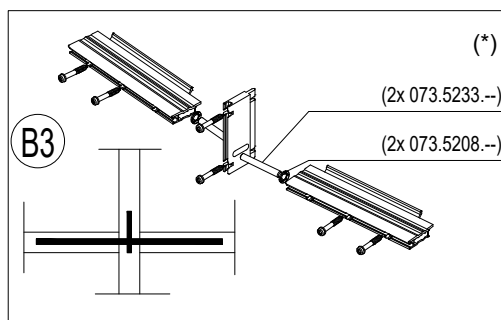
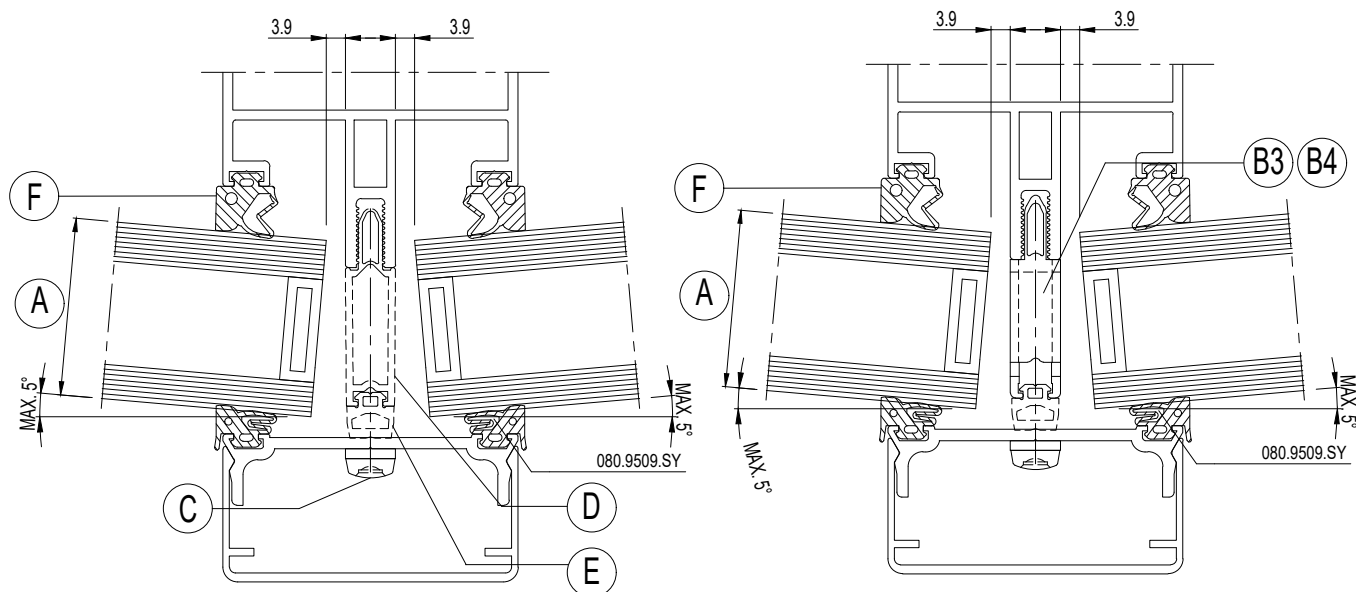
B3

B4

GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLEGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLEGEPROFIL
26 mm	073.7220.00 + 6x 053.5462.-- + 2x 073.7482.00 + (*)	073.7220.00 + 4x 053.5462.-- + 073.7482.00 + (*)
27 mm	073.7220.00 + 6x 053.5462.-- + 2x 073.7482.00 + (*)	073.7220.00 + 4x 053.5462.-- + 073.7482.00 + (*)
28 mm	073.7220.00 + 6x 053.5462.-- + 2x 073.7482.00 + (*)	073.7220.00 + 4x 053.5462.-- + 073.7482.00 + (*)
29 - 30 mm	073.7220.00 + 6x 053.5462.-- + 2x 073.7482.00 + (*)	073.7220.00 + 4x 053.5462.-- + 073.7482.00 + (*)
31 - 32 mm	073.7220.00 + 6x 053.5462.-- + 2x 073.7482.00 + (*)	073.7220.00 + 4x 053.5462.-- + 073.7482.00 + (*)
33 mm	073.7471.00 + 2x 053.5463.-- + 2x 073.7483.00 + 4x 053.5462.-- + (*)	073.7471.00 + 2x 053.5463.-- + 073.7483.00 + 2x 053.5462.-- + (*)
34 mm	073.7471.00 + 2x 053.5463.-- + 2x 073.7483.00 + 4x 053.5462.-- + (*)	073.7471.00 + 2x 053.5463.-- + 073.7483.00 + 2x 053.5462.-- + (*)
35 - 36 mm	073.7471.00 + 2x 053.5463.-- + 2x 073.7483.00 + 4x 053.5462.-- + (*)	073.7471.00 + 2x 053.5463.-- + 073.7483.00 + 2x 053.5462.-- + (*)
37 - 38 mm	073.7472.00 + 2x 053.5465.-- + 2x 073.7484.00 + 4x 053.5463.-- + (*)	073.7472.00 + 2x 053.5465.-- + 073.7484.00 + 2x 053.5463.-- + (*)
39 mm	073.7472.00 + 2x 053.5465.-- + 2x 073.7484.00 + 4x 053.5463.-- + (*)	073.7472.00 + 2x 053.5465.-- + 073.7484.00 + 2x 053.5463.-- + (*)
40 mm	073.7472.00 + 2x 053.5465.-- + 2x 073.7484.00 + 4x 053.5463.-- + (*)	073.7472.00 + 2x 053.5465.-- + 073.7484.00 + 2x 053.5463.-- + (*)
41 - 42 mm	073.7473.00 + 6x 053.5466.-- + 2x 073.7485.00 + (*)	073.7473.00 + 4x 053.5466.-- + 073.7485.00 + (*)
43 - 44 mm	073.7473.00 + 6x 053.5466.-- + 2x 073.7485.00 + (*)	073.7473.00 + 4x 053.5466.-- + 073.7485.00 + (*)
45 mm	073.7474.00 + 6x 053.5468.-- + 2x 073.7486.00 + (*)	073.7474.00 + 4x 053.5468.-- + 073.7486.00 + (*)
46 mm	073.7474.00 + 6x 053.5468.-- + 2x 073.7486.00 + (*)	073.7474.00 + 4x 053.5468.-- + 073.7486.00 + (*)
47 - 48 mm	073.7474.00 + 6x 053.5468.-- + 2x 073.7486.00 + (*)	073.7474.00 + 4x 053.5468.-- + 073.7486.00 + (*)
49 - 50 - 51 mm	073.7477.00 + 2x 053.5472.-- + 2x 073.7488.00 + 4x 053.5470.-- + (*)	073.7477.00 + 2x 053.5472.-- + 073.7488.00 + 2x 053.5470.-- + (*)
52 - 53 mm	073.7477.00 + 2x 053.5472.-- + 2x 073.7488.00 + 4x 053.5470.-- + (*)	073.7477.00 + 2x 053.5472.-- + 073.7488.00 + 2x 053.5470.-- + (*)
54 - 55 mm	073.7477.00 + 2x 053.5472.-- + 2x 073.7488.00 + 4x 053.5470.-- + (*)	073.7477.00 + 2x 053.5472.-- + 073.7488.00 + 2x 053.5470.-- + (*)
56 - 57 mm	073.7477.00 + 2x 053.5472.-- + 2x 073.7490.00 + 4x 053.5473.-- + (*)	073.7477.00 + 2x 053.5472.-- + 073.7490.00 + 2x 053.5473.-- + (*)
58 - 59 mm	073.7477.00 + 2x 053.5472.-- + 2x 073.7490.00 + 4x 053.5473.-- + (*)	073.7477.00 + 2x 053.5472.-- + 073.7490.00 + 2x 053.5473.-- + (*)
60 - 61 mm	073.7477.00 + 2x 053.5472.-- + 2x 073.7490.00 + 4x 053.5473.-- + (*)	073.7477.00 + 2x 053.5472.-- + 073.7490.00 + 2x 053.5473.-- + (*)
62 mm	073.7477.00 + 2x 053.5472.-- + 2x 073.7490.00 + 4x 053.5473.-- + (*)	073.7477.00 + 2x 053.5472.-- + 073.7490.00 + 2x 053.5473.-- + (*)



C	D	E	F	G	H
ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
034.0072.04	080.9522.04	6.3x43 053.5468--	080.9812.04	080.9740.SY	080.9817.04
034.0072.04	080.9523.04	6.3x43 053.5468--	080.9812.04	080.9740.SY	080.9817.04
034.0072.04	080.9523.04	6.3x43 053.5468--	080.9812.04	080.9740.SY	080.9817.04
034.0072.04	080.9522.04	6.3x43 053.5468--	080.9810.SY	080.9740.SY	080.9815.SY
034.0072.04	080.9523.04	6.3x46 053.5469--	080.9810.SY	080.9740.SY	080.9815.SY
034.0073.04	080.9522.04	6.3x46 053.5469--	080.9810.SY	080.9740.SY	080.9815.SY
034.0073.04	080.9523.04	6.3x49 053.5470--	080.9810.SY	080.9740.SY	080.9815.SY
034.0073.04	080.9523.04	6.3x49 053.5470--	080.9810.SY	080.9740.SY	080.9815.SY
034.0074.04	080.9522.04	6.3x52 053.5471--	080.9810.SY	080.9740.SY	080.9815.SY
034.0074.04	080.9523.04	6.3x52 053.5471--	080.9810.SY	080.9740.SY	080.9815.SY
034.0074.04	080.9523.04	6.3x55 053.5472--	080.9810.SY	080.9740.SY	080.9815.SY
034.0075.04	080.9522.04	6.3x55 053.5472--	080.9810.SY	080.9740.SY	080.9815.SY
034.0075.04	080.9523.04	6.3x58 053.5473--	080.9810.SY	080.9740.SY	080.9815.SY
034.0076.04	080.9522.04	6.3x58 053.5473--	080.9810.SY	080.9740.SY	080.9815.SY
034.0076.04	080.9522.04	6.3x61 053.5474--	080.9810.SY	080.9740.SY	080.9815.SY
034.0076.04	080.9523.04	6.3x61 053.5474--	080.9810.SY	080.9740.SY	080.9815.SY
080.9893.07	---	6.3x67 053.5476--	080.9812.04	080.9740.SY	080.9817.04
080.9893.07	---	6.3x67 053.5476--	080.9871.04	080.9740.SY	080.9876.04
080.9893.07	---	6.3x67 053.5476--	080.9810.SY	080.9740.SY	080.9815.SY
080.9893.07	---	6.3x76 053.5479--	080.9812.04	080.9741.SY	080.9817.04
080.9893.07	---	6.3x76 053.5479--	080.9812.04	080.9740.SY	080.9817.04
080.9893.07	---	6.3x76 053.5479--	080.9871.04	080.9740.SY	080.9876.04
080.9893.07	---	6.3x76 053.5479--	080.9810.SY	080.9740.SY	080.9815.SY



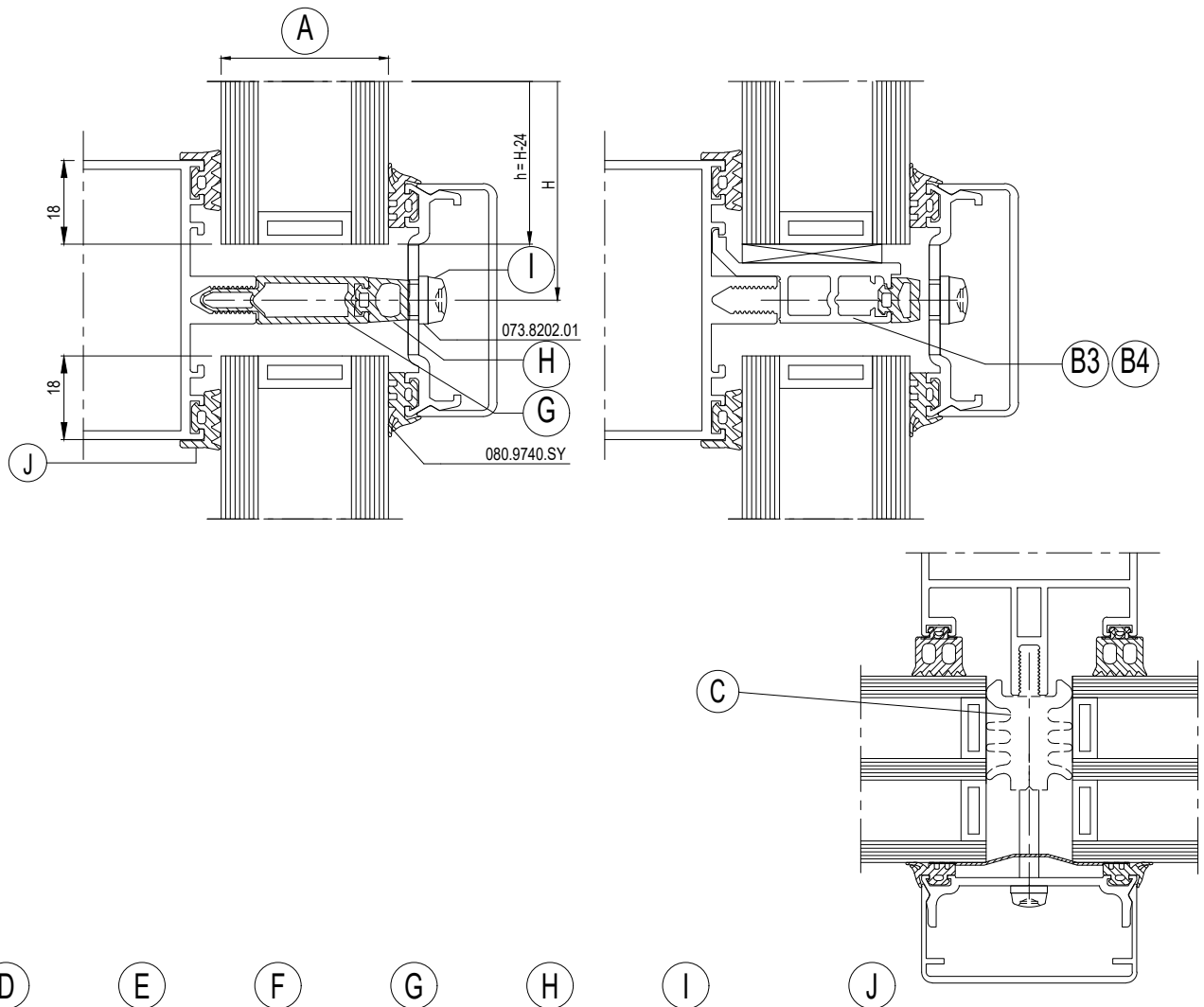
A

B3

B4

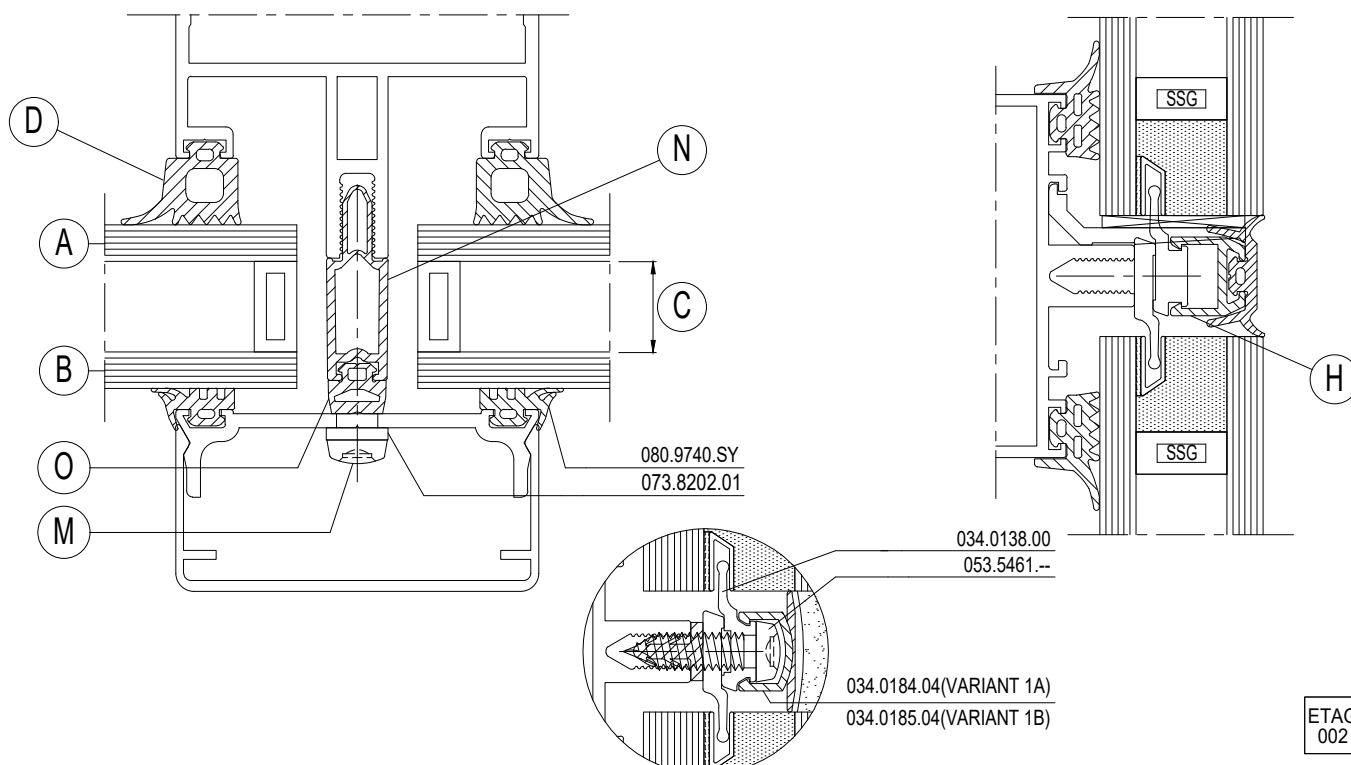
C

GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLEGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLEGEPROFIL	SCHROEF VIS SCREW SCHRAUBE
31-32 mm	073.7472.00 + 2x 053.5465.-- + 2x 073.7483.00 + 4x 053.5462.-- + (*)	073.7472.00 + 2x 053.5465.-- + 073.7483.00 + 2x 053.5462.-- + (*)	6.3x49 053.5470.--
33-34 mm	073.7472.00 + 2x 053.5465.-- + 2x 073.7483.00 + 4x 053.5462.-- + (*)	073.7472.00 + 2x 053.5465.-- + 073.7483.00 + 2x 053.5462.-- + (*)	6.3x49 053.5470.--
35 mm	073.7472.00 + 2x 053.5465.-- + 2x 073.7483.00 + 4x 053.5462.-- + (*)	073.7472.00 + 2x 053.5465.-- + 073.7483.00 + 2x 053.5462.-- + (*)	6.3x49 053.5470.--
36 mm	073.7472.00 + 2x 053.5465.-- + 2x 073.7483.00 + 4x 053.5462.-- + (*)	073.7472.00 + 2x 053.5465.-- + 073.7483.00 + 2x 053.5462.-- + (*)	6.3x52 053.5471.--
37 mm	073.7473.00 + 2x 053.5466.-- + 2x 073.7484.00 + 4x 053.5463.-- + (*)	073.7473.00 + 2x 053.5466.-- + 073.7484.00 + 2x 053.5463.-- + (*)	6.3x52 053.5471.--
38 mm	073.7473.00 + 2x 053.5466.-- + 2x 073.7484.00 + 4x 053.5463.-- + (*)	073.7473.00 + 2x 053.5466.-- + 073.7484.00 + 2x 053.5463.-- + (*)	6.3x52 053.5471.--
39 mm	073.7473.00 + 2x 053.5466.-- + 2x 073.7484.00 + 4x 053.5463.-- + (*)	073.7473.00 + 2x 053.5466.-- + 073.7484.00 + 2x 053.5463.-- + (*)	6.3x55 053.5472.--
40 mm	073.7473.00 + 2x 053.5466.-- + 2x 073.7484.00 + 4x 053.5463.-- + (*)	073.7473.00 + 2x 053.5466.-- + 073.7484.00 + 2x 053.5463.-- + (*)	6.3x55 053.5472.--
41 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7485.00 + 4x 053.5466.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7485.00 + 2x 053.5466.-- + (*)	6.3x55 053.5472.--
42 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7485.00 + 4x 053.5466.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7485.00 + 2x 053.5466.-- + (*)	6.3x58 053.5473.--
43 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7485.00 + 4x 053.5466.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7485.00 + 2x 053.5466.-- + (*)	6.3x58 053.5473.--
44 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7485.00 + 4x 053.5466.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7485.00 + 2x 053.5466.-- + (*)	6.3x58 053.5473.--
45 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7486.00 + 4x 053.5468.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7486.00 + 2x 053.5468.-- + (*)	6.3x61 053.5474.--
46 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7486.00 + 4x 053.5468.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7486.00 + 2x 053.5468.-- + (*)	6.3x61 053.5474.--
47 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7486.00 + 4x 053.5468.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7486.00 + 2x 053.5468.-- + (*)	6.3x61 053.5474.--
48 mm	073.7474.00 + 2x 053.5468.-- + 2x 073.7486.00 + 4x 053.5468.-- + (*)	073.7474.00 + 2x 053.5468.-- + 073.7486.00 + 2x 053.5468.-- + (*)	6.3x64 053.5475.--

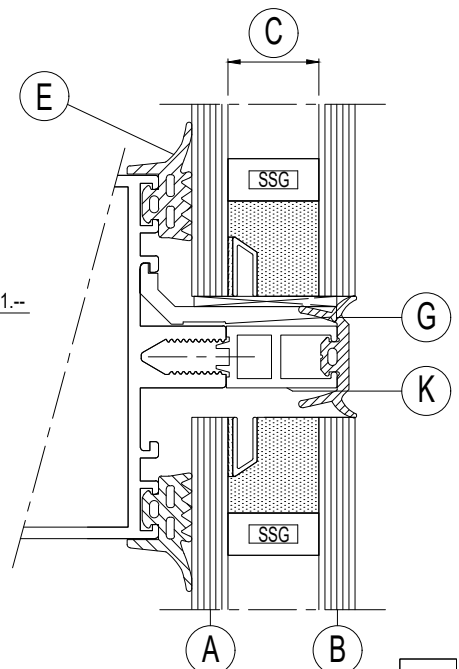
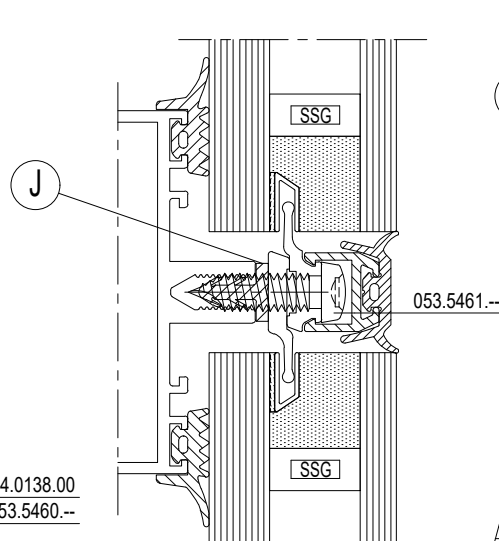
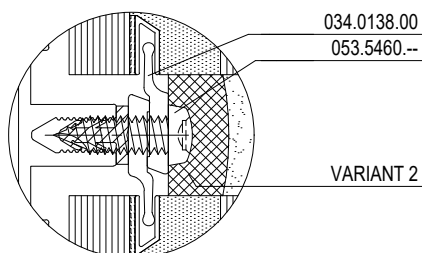
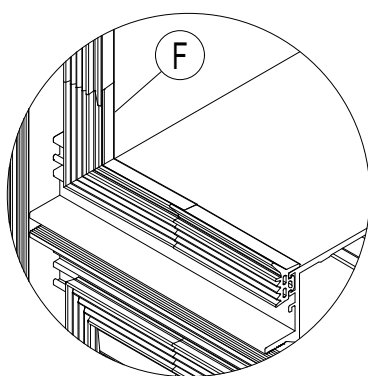


D	E	F	G	H	I	J
ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE	DICHTING JOINT GASKET DICHTUNG
034.0074.04	080.9522.04	080.9515.04	034.0073.04	080.9522.04	6.3x46 053.5469.--	080.9876.04
034.0074.04	---	080.9514.SY	034.0073.04	080.9522.04	6.3x46 053.5469.--	080.9815.SY
034.0074.04	080.9522.04	080.9514.SY	034.0073.04	080.9522.04	6.3x49 053.5470.--	080.9815.SY
034.0074.04	080.9522.04	080.9514.SY	034.0073.04	080.9523.04	6.3x49 053.5470.--	080.9815.SY
034.0075.04	---	080.9514.SY	034.0074.04	080.9522.04	6.3x49 053.5470.--	080.9815.SY
034.0075.04	---	080.9514.SY	034.0074.04	080.9522.04	6.3x52 053.5471.--	080.9815.SY
034.0075.04	080.9522.04	080.9514.SY	034.0074.04	080.9522.04	6.3x52 053.5471.--	080.9815.SY
034.0075.04	080.9522.04	080.9514.SY	034.0074.04	080.9523.04	6.3x52 053.5471.--	080.9815.SY
034.0076.04	---	080.9514.SY	034.0075.04	080.9522.04	6.3x55 053.5472.--	080.9815.SY
034.0076.04	---	080.9514.SY	034.0075.04	080.9522.04	6.3x55 053.5472.--	080.9815.SY
034.0076.04	080.9522.04	080.9514.SY	034.0075.04	080.9522.04	6.3x55 053.5472.--	080.9815.SY
034.0076.04	080.9522.04	080.9514.SY	034.0075.04	080.9523.04	6.3x58 053.5473.--	080.9815.SY
034.0076.04	080.9522.04	080.9514.SY	034.0076.04	080.9522.04	6.3x58 053.5473.--	080.9815.SY
034.0076.04	080.9523.04	080.9514.SY	034.0076.04	080.9522.04	6.3x58 053.5473.--	080.9815.SY
034.0076.04	080.9523.04	080.9514.SY	034.0076.04	080.9522.04	6.3x61 053.5474.--	080.9815.SY
034.0076.04	080.9523.04	080.9514.SY	034.0076.04	080.9523.04	6.3x61 053.5474.--	080.9815.SY

A	B	C	D	E	F
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	VORMSTUK PIECE MOULEE MOULDING PIECE FORMSTUECK
6 mm	6 mm	15	080.9821.04	080.9826.04	080.9861.04
6 mm	8 mm	15	080.9821.04	080.9826.04	080.9861.04
6 mm	10 mm	15	080.9821.04	080.9826.04	080.9861.04
8 mm	6 mm	15	080.9820.04	080.9825.04	080.9860.04
8 mm	8 mm	15	080.9820.04	080.9825.04	080.9860.04
8 mm	10 mm	15	080.9820.04	080.9825.04	080.9860.04
10 mm	6 mm	15	080.9820.04	080.9825.04	080.9860.04
10 mm	8 mm	15	080.9820.04	080.9825.04	080.9860.04
10 mm	10 mm	15	080.9820.04	080.9825.04	080.9860.04
6 mm	6 mm	18	080.9821.04	080.9826.04	080.9861.04
6 mm	8 mm	18	080.9821.04	080.9826.04	080.9861.04
6 mm	10 mm	18	080.9821.04	080.9826.04	080.9861.04
8 mm	6 mm	18	080.9820.04	080.9825.04	080.9860.04
8 mm	8 mm	18	080.9820.04	080.9825.04	080.9860.04
8 mm	10 mm	18	080.9820.04	080.9825.04	080.9860.04
10 mm	6 mm	18	080.9820.04	080.9825.04	080.9860.04
10 mm	8 mm	18	080.9820.04	080.9825.04	080.9860.04
10 mm	10 mm	18	080.9820.04	080.9825.04	080.9860.04
6 mm	6 mm	20	080.9821.04	080.9826.04	080.9861.04
6 mm	8 mm	20	080.9821.04	080.9826.04	080.9861.04
6 mm	10 mm	20	080.9821.04	080.9826.04	080.9861.04
8 mm	6 mm	20	080.9820.04	080.9825.04	080.9860.04
8 mm	8 mm	20	080.9820.04	080.9825.04	080.9860.04
8 mm	10 mm	20	080.9820.04	080.9825.04	080.9860.04
10 mm	6 mm	20	080.9820.04	080.9825.04	080.9860.04
10 mm	8 mm	20	080.9820.04	080.9825.04	080.9860.04
10 mm	10 mm	20	080.9820.04	080.9825.04	080.9860.04



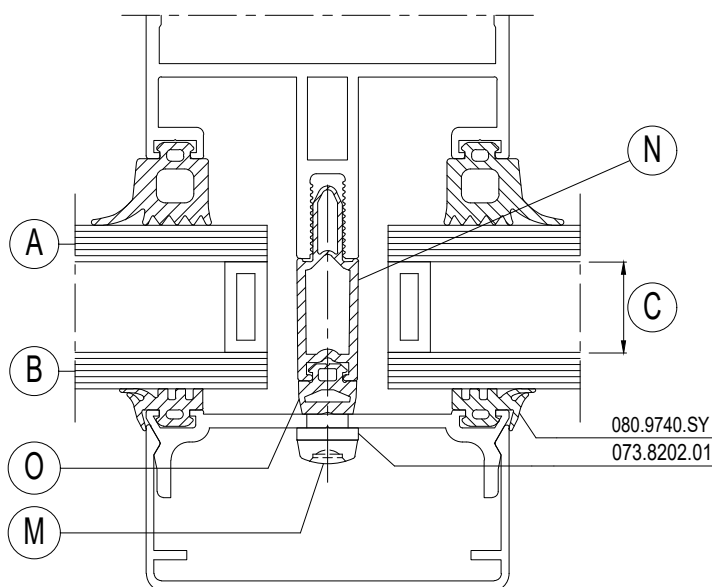
G	H	J	K	L
GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFTRAGEPROFIL	KLIPSPROFIEL CLIP CLIP PROFILE ABDECKPROFIL	COMPARTIMENTERINGSDICHTING JOINT DE NEZ COMPARTIMENTATION GASKET KOMPARTIMENTIERUNGSDICHTUNG	KLEMSTUK CLIP CLIP BEFESTIGUNGSKLOTZ	KIIPSPROFIEL CLIP CLIP ABDECKPROFIL
073.8209.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8212.00	034.1180.04	080.9270.04	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	080.9270.04	073.6118.--	Variant 2
073.8213.00	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.8213.00	034.1180.04	080.9270.04	073.6118.--	Variant 2
073.8213.00	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	---	073.6119.--	Variant 1 B
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	---	073.6119.--	Variant 1 B
073.8213.00	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9270.04	073.6119.--	Variant 2



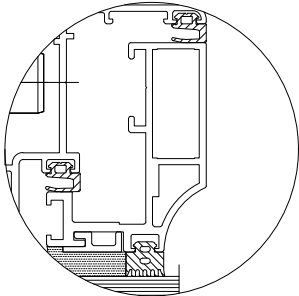
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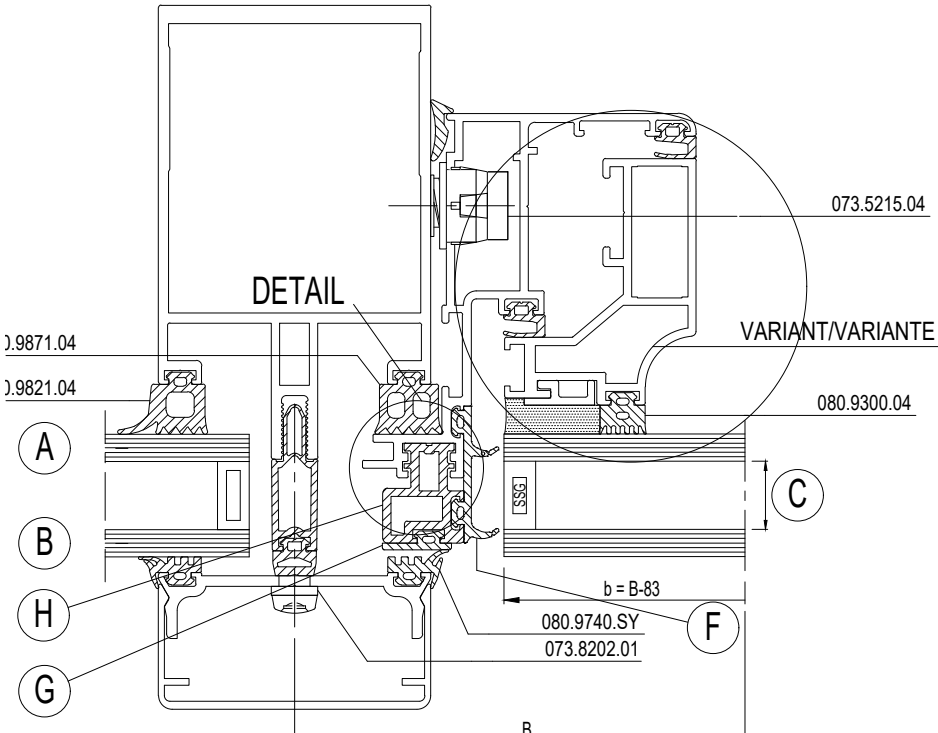
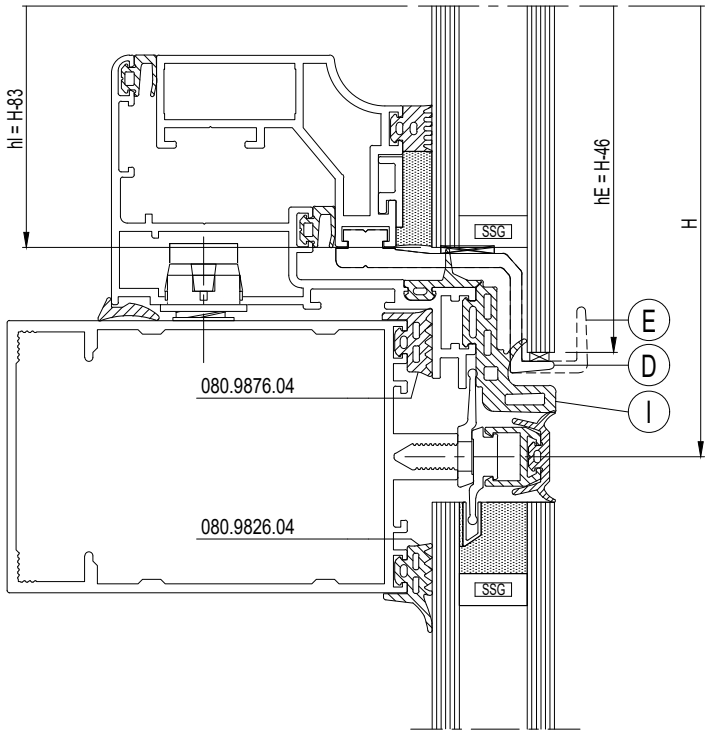
(A)	(B)	(C)	(M)	(N)	(O)
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	SCHROEF VIS SCREW SCHRAUBE	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG
6 mm	6 mm	15	6.3x43 053.5468.--	034.0072.04	080.9523.04
6 mm	8 mm	15	6.3x43 053.5468.--	034.0072.04	080.9522.04
6 mm	10 mm	15	6.3x46 053.5469.--	034.0072.04	080.9523.04
8 mm	6 mm	15	6.3x43 053.5468.--	034.0072.04	080.9522.04
8 mm	8 mm	15	6.3x46 053.5469.--	034.0072.04	080.9523.04
8 mm	10 mm	15	6.3x46 053.5469.--	034.0073.04	080.9522.04
10 mm	6 mm	15	6.3x46 053.5469.--	034.0072.04	080.9523.04
10 mm	8 mm	15	6.3x46 053.5469.--	034.0073.04	080.9522.04
10 mm	10 mm	15	6.3x49 053.5470.--	034.0073.04	080.9523.04
6 mm	6 mm	18	6.3x43 053.5468.--	034.0072.04	080.9522.04
6 mm	8 mm	18	6.3x46 053.5469.--	034.0073.04	080.9522.04
6 mm	10 mm	18	6.3x49 053.5470.--	034.0073.04	080.9522.04
8 mm	6 mm	18	6.3x46 053.5469.--	034.0072.04	080.9523.04
8 mm	8 mm	18	6.3x49 053.5470.--	034.0073.04	080.9522.04
8 mm	10 mm	18	6.3x49 053.5470.--	034.0073.04	080.9523.04
10 mm	6 mm	18	6.3x49 053.5470.--	034.0073.04	080.9522.04
10 mm	8 mm	18	6.3x49 053.5470.--	034.0073.04	080.9523.04
10 mm	10 mm	18	6.3x52 053.5471.--	034.0074.04	080.9522.04
6 mm	6 mm	20	6.3x46 053.5469.--	034.0072.04	080.9523.04
6 mm	8 mm	20	6.3x49 053.5470.--	034.0073.04	080.9522.04
6 mm	10 mm	20	6.3x49 053.5470.--	034.0073.04	080.9523.04
8 mm	6 mm	20	6.3x49 053.5470.--	034.0073.04	080.9522.04
8 mm	8 mm	20	6.3x49 053.5470.--	034.0073.04	080.9523.04
8 mm	10 mm	20	6.3x52 053.5471.--	034.0074.04	080.9522.04
10 mm	6 mm	20	6.3x49 053.5470.--	034.0073.04	080.9523.04
10 mm	8 mm	20	6.3x52 053.5471.--	034.0074.04	080.9522.04
10 mm	10 mm	20	6.3x55 053.5472.--	034.0074.04	080.9523.04



A	B	C	D	E	I
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	DICHTING JOINT GASKET DICHTUNG
6 mm	6 mm	15	073.7190.39	073.7194.39	080.9308.04
6 mm	8 mm	15	073.7190.39	073.7194.39	080.9308.04
6 mm	10 mm	15	073.7192.39	073.7196.39	080.9308.04
6 mm	6 mm	16	073.7192.39	073.7194.39	080.9308.04
6 mm	8 mm	16	073.7192.39	073.7194.39	080.9308.04

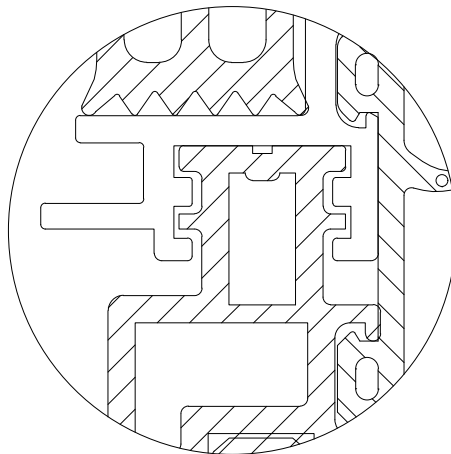


VARIANT
VARIANTE

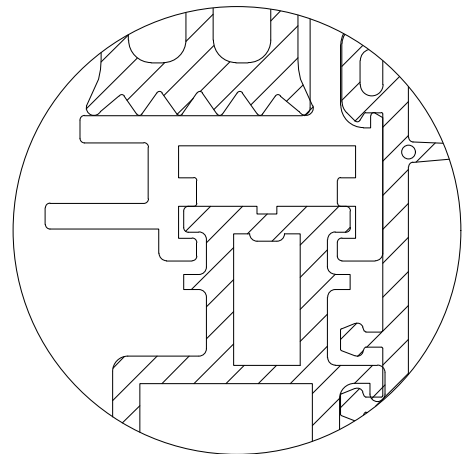


(F)	(G)	(H)
DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	034.1123.04
080.9318.04	080.9805.04	DETAIL1
080.9331.04	080.9805.04	DETAIL2
080.9331.04	080.9808.04	DETAIL2
080.9318.04	080.9808.04	DETAIL1
080.9331.04	080.9805.04	DETAIL2

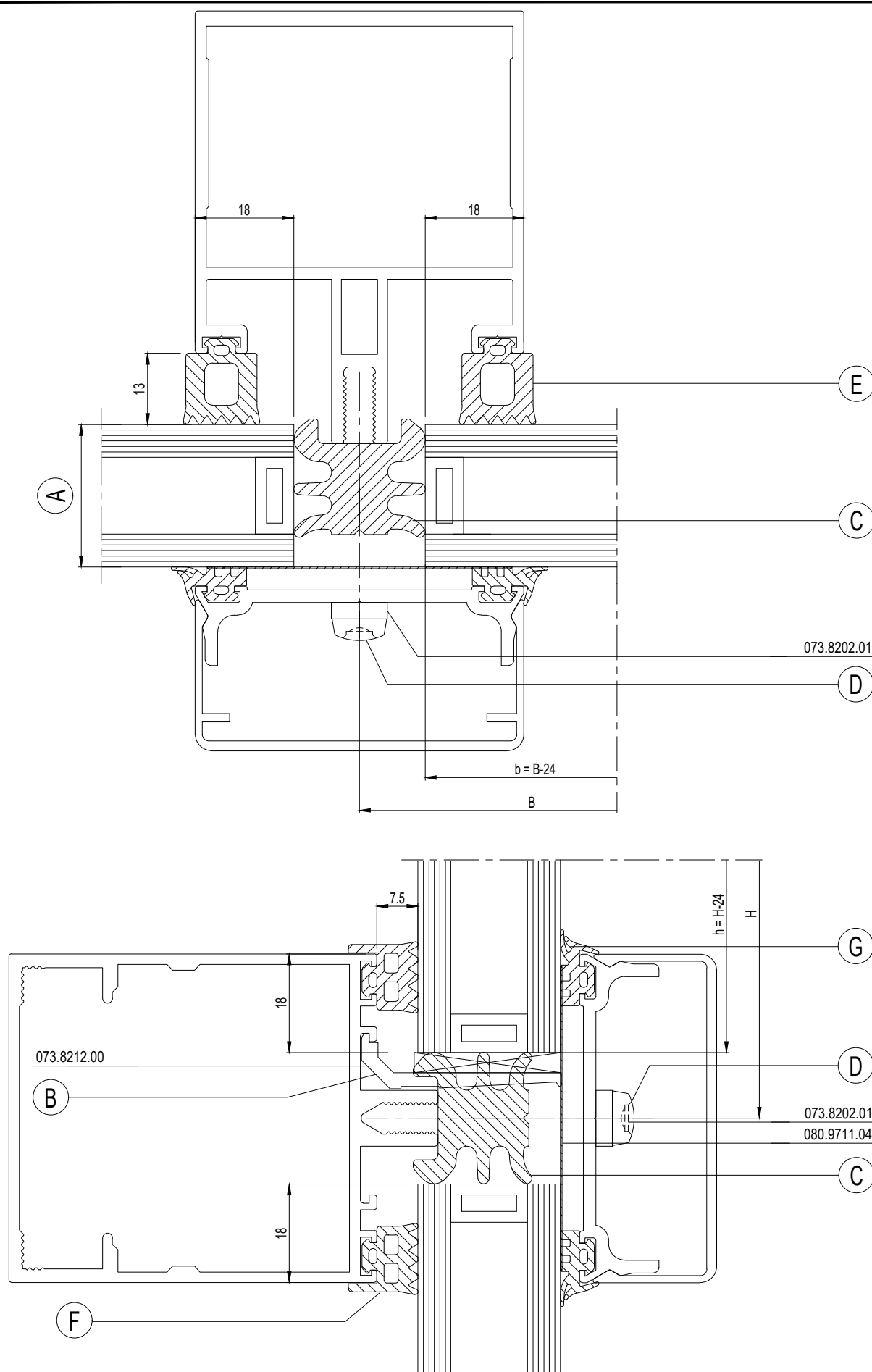
DETAIL 1



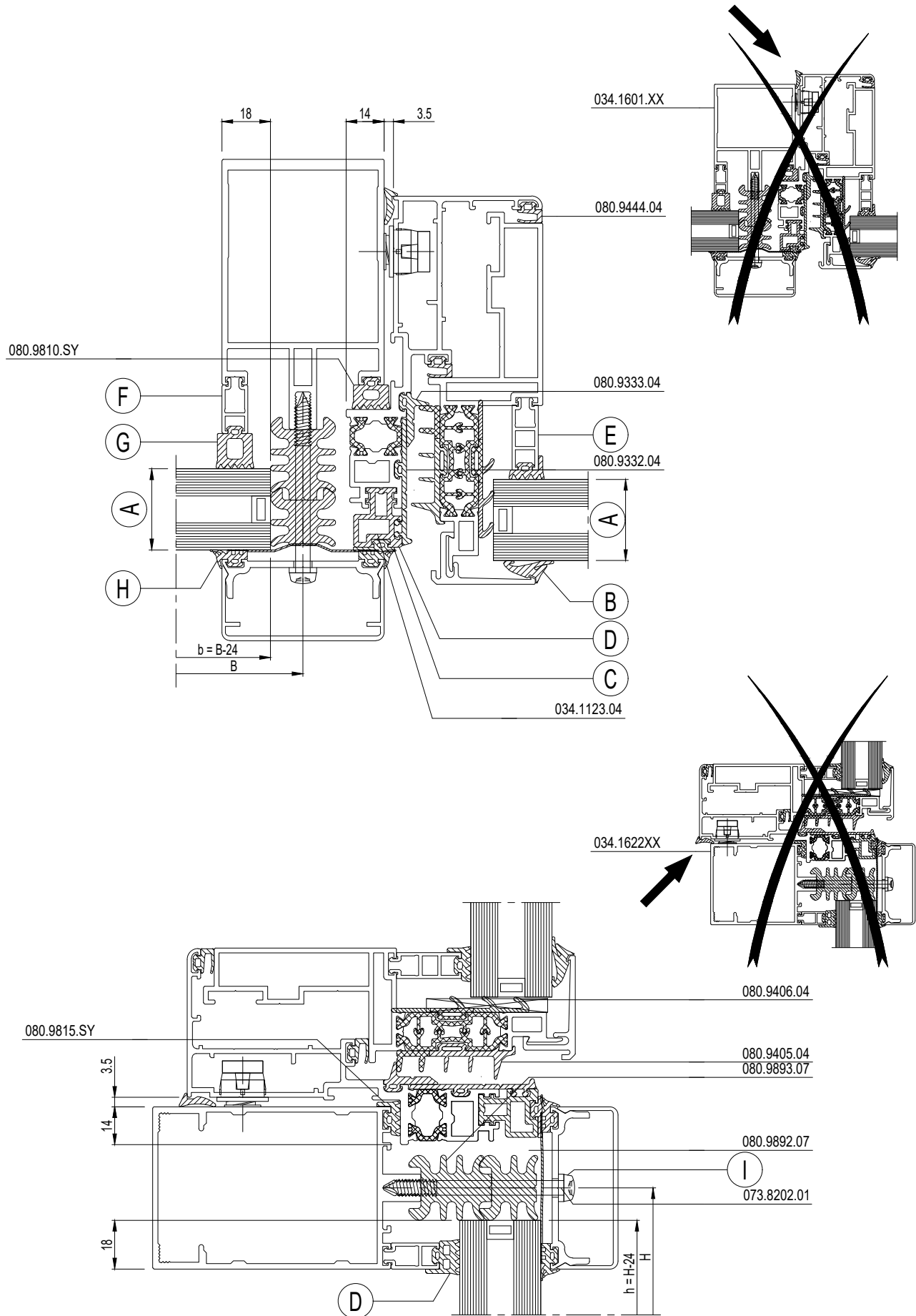
DETAIL 2



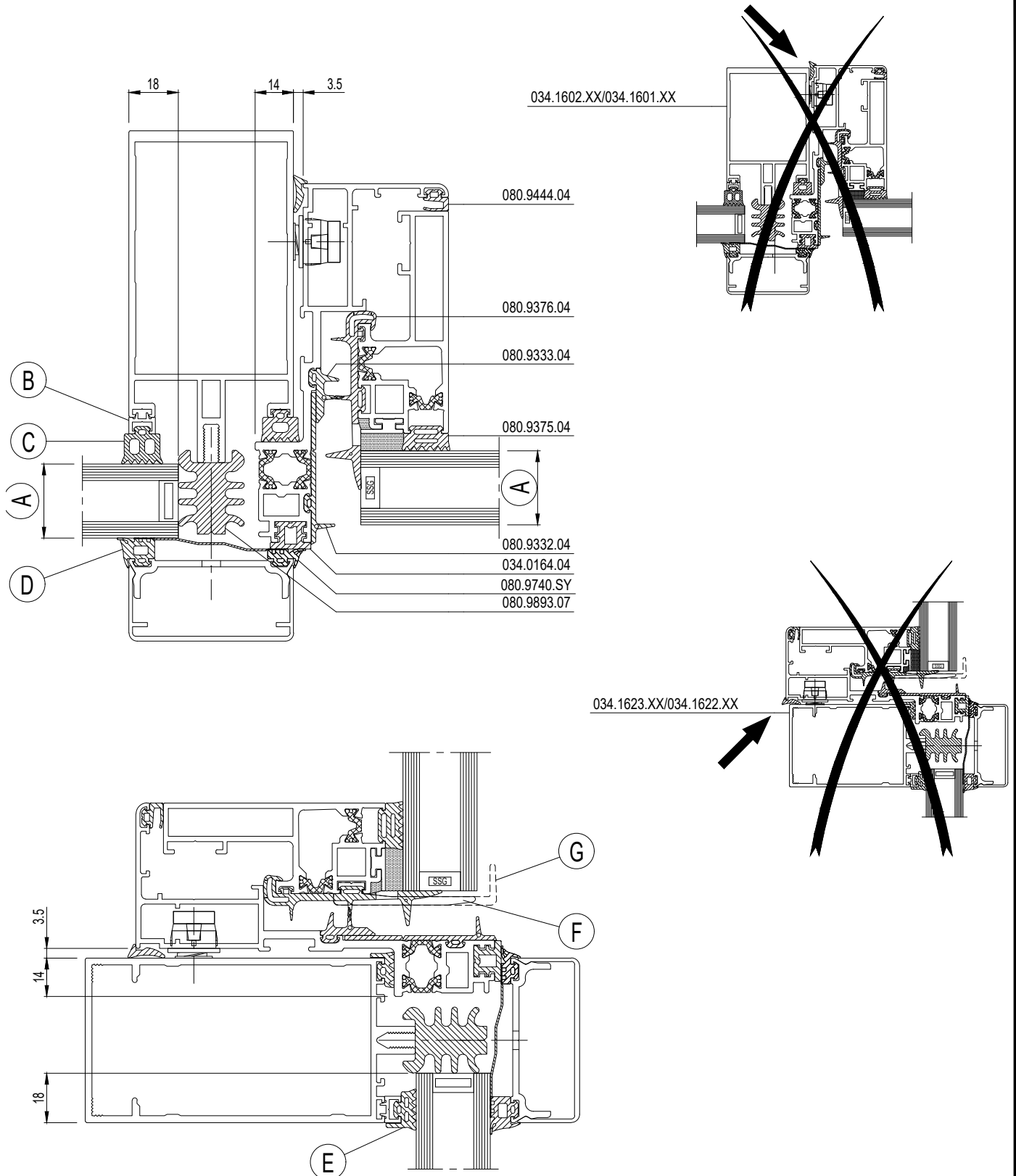
(A)	(B)	(C)	(D)	(E)	(F)	(G)
GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	SCHROEF VIS SCREW SCHRAUBE	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
22-23-24 mm	073.8209.00	080.9892.07	6.3x40 053.5467.-	080.9812.04	080.9817.04	080.9740.SY
25-26-27 mm	073.8212.00	080.9892.07	6.3x43 053.5468.-	080.9812.04	080.9817.04	080.9740.SY
28 mm	073.8212.00	080.9892.07	6.3x46 053.5469.-	080.9812.04	080.9817.04	080.9740.SY
29 mm	073.8213.00	080.9892.07	6.3x46 053.5469.-	080.9812.04	080.9817.04	080.9740.SY
30 mm	073.8213.00	080.9893.07	6.3x46 053.5469.-	080.9812.04	080.9817.04	080.9740.SY
31-32 mm	073.8213.00	080.9893.07	6.3x49 053.5470.-	080.9812.04	080.9817.04	080.9740.SY
33 mm	073.7484.00 + 2x 053.5463.-	080.9893.07	6.3x49 053.5470.-	080.9812.04	080.9817.04	080.9740.SY
34-35-36 mm	073.7484.00 + 2x 053.5463.-	080.9893.07	6.3x52 053.5471.-	080.9812.04	080.9817.04	080.9740.SY
37-38-39 mm	073.7485.00 + 2x 053.5466.-	080.9893.07	6.3x55 053.5472.-	080.9812.04	080.9817.04	080.9740.SY
40-41 mm	073.7485.00 + 2x 053.5466.-	080.9893.07	6.3x58 053.5473.-	080.9812.04	080.9817.04	080.9740.SY
42 mm	073.7486.00 + 2x 053.5468.-	080.9893.07	6.3x58 053.5473.-	080.9812.04	080.9817.04	080.9740.SY
43-44-45 mm	073.7486.00 + 2x 053.5468.-	080.9893.07	6.3x61 053.5474.-	080.9812.04	080.9817.04	080.9740.SY
46 mm	073.7486.00 + 2x 053.5468.-	080.9893.07	6.3x64 053.5475.-	080.9812.04	080.9817.04	080.9740.SY
47-48 mm	073.7486.00 + 2x 053.5468.-	080.9893.07	6.3x64 053.5475.-	080.9871.04	080.9876.04	080.9740.SY
49-50 mm	073.7486.00 + 2x 053.5468.-	080.9893.07	6.3x64 053.5475.-	080.9810.SY	080.9815.SY	080.9740.SY
51 mm	073.7488.00 + 2x 053.5470.-	080.9893.07	6.3x67 053.5476.-	080.9812.04	080.9817.04	080.9740.SY
52-53 mm	073.7488.00 + 2x 053.5470.-	080.9893.07	6.3x67 053.5476.-	080.9871.04	080.9876.04	080.9740.SY
54-55 mm	073.7488.00 + 2x 053.5470.-	080.9893.07	6.3x67 053.5476.-	080.9810.SY	080.9815.SY	080.9740.SY
56-57 mm	073.7490.00 + 2x 053.5473.-	080.9893.07	6.3x76 053.5479.-	080.9812.04	080.9817.04	080.9741.04
58-59 mm	073.7490.00 + 2x 053.5473.-	080.9893.07	6.3x76 053.5479.-	080.9812.04	080.9817.04	080.9740.SY
60-61 mm	073.7490.00 + 2x 053.5473.-	080.9893.07	6.3x76 053.5479.-	080.9871.04	080.9876.04	080.9740.SY
62 mm	073.7490.00 + 2x 053.5473.-	080.9893.07	6.3x76 053.5479.-	080.9810.SY	080.9815.SY	080.9740.SY



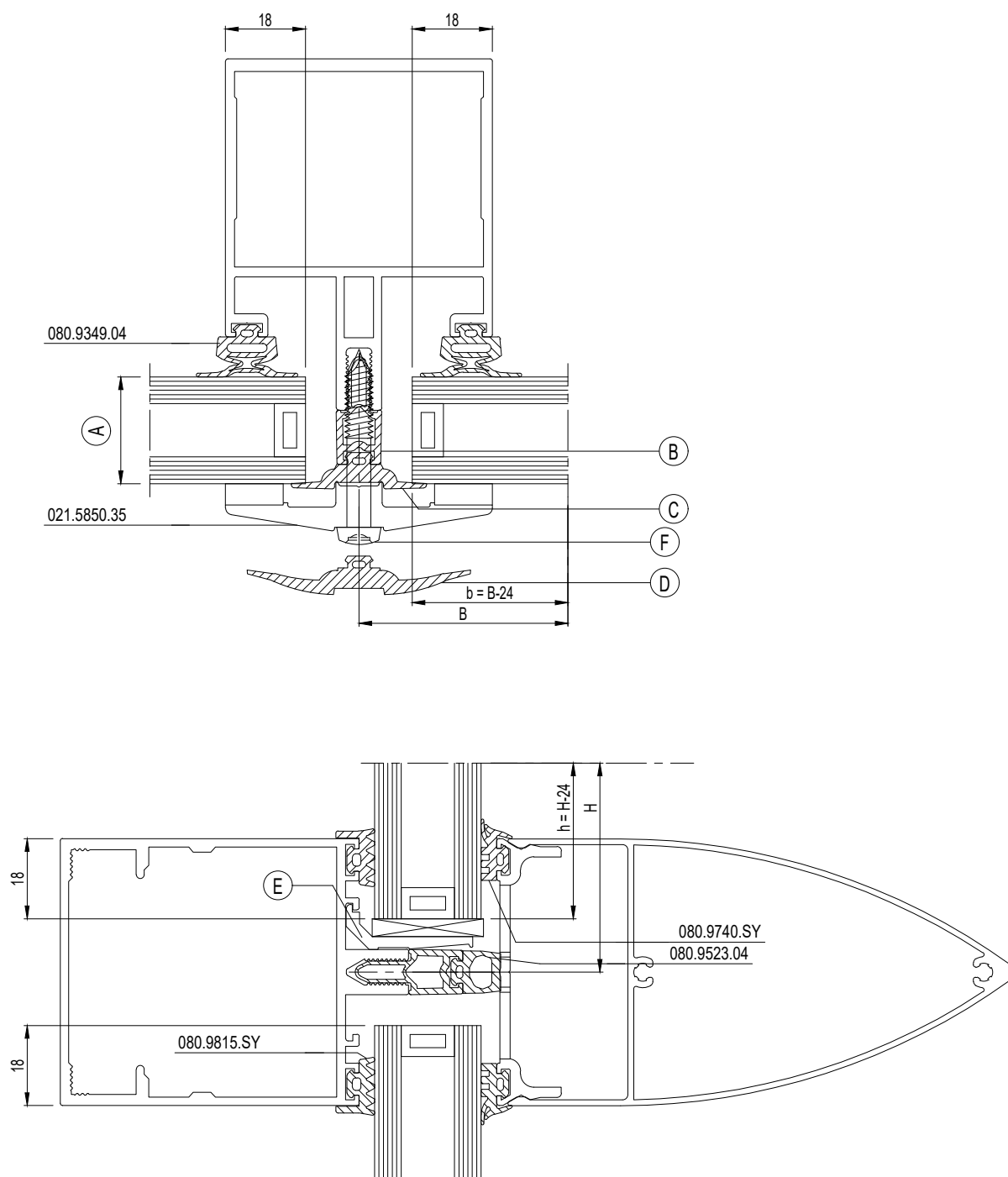
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	PROFIEL PROFILE PROFILE PROFIL	PROFIEL PROFILE PROFILE PROFIL	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE
30 mm	022.1078.SY	080.9805.04	080.9817.04	034.0616.XX	034.0619.XX	080.9812.04	080.9740.SY	6.3x67 053.5476.--
31 mm	022.1079.SY	---	080.9876.04	034.0616.XX	034.0619.XX	080.9871.04	080.9740.SY	6.3x64 053.5475.--
32 mm	022.1079.SY	080.9805.04	080.9876.04	034.0616.XX	034.0619.XX	080.9871.04	080.9740.SY	6.3x67 053.5476.--
33 mm	022.1078.SY	---	080.9876.04	034.0619.XX	034.0615.XX	080.9871.04	080.9740.SY	6.3x64 053.5475.--
34 mm	022.1078.SY	080.9805.04	080.9876.04	034.0619.XX	034.0615.XX	080.9871.04	080.9740.SY	6.3x67 053.5476.--
35 mm	022.1078.SY	---	080.9817.04	034.0615.XX	034.0618.XX	080.9812.04	080.9741.04	6.3x64 053.5475.--
36 mm	022.1078.SY	080.9805.04	080.9817.04	034.0615.XX	034.0618.XX	080.9812.04	080.9741.04	6.3x67 053.5476.--
37 mm	022.1078.SY	---	080.9817.04	034.0615.XX	034.0618.XX	080.9812.04	080.9740.SY	6.3x64 053.5475.--
38 mm	022.1078.SY	080.9805.04	080.9817.04	034.0615.XX	034.0618.XX	080.9812.04	080.9740.SY	6.3x67 053.5476.--
39 mm	022.1079.SY	---	080.9876.04	034.0615.XX	034.0618.XX	080.9871.04	080.9740.SY	6.3x64 053.5475.--
40 mm	022.1079.SY	080.9805.04	080.9876.04	034.0615.XX	034.0618.XX	080.9871.04	080.9740.SY	6.3x67 053.5476.--
41 mm	022.1078.SY	---	080.9817.04	034.0618.XX	034.0617.XX	080.9812.04	080.9740.SY	6.3x64 053.5475.--
42 mm	022.1078.SY	080.9805.04	080.9817.04	034.0618.XX	034.0617.XX	080.9812.04	080.9740.SY	6.3x67 053.5476.--
43 mm	022.1078.SY	---	080.9817.04	034.0514.XX	---	080.9812.04	080.9742.04	6.3x64 053.5475.--
44 mm	022.1078.SY	080.9805.04	080.9817.04	034.0514.XX	---	080.9812.04	080.9742.04	6.3x67 053.5476.--
45 mm	022.1078.SY	---	080.9817.04	034.0617.XX	---	080.9812.04	080.9741.04	6.3x64 053.5475.--
46 mm	022.1078.SY	080.9805.04	080.9817.04	034.0617.XX	---	080.9812.04	080.9741.04	6.3x67 053.5476.--
47 mm	022.1078.SY	---	080.9817.04	034.0617.XX	---	080.9812.04	080.9740.SY	6.3x64 053.5475.--
48 mm	022.1078.SY	080.9805.04	080.9817.04	034.0617.XX	---	080.9812.04	080.9740.SY	6.3x67 053.5476.--
49 mm	022.1079.SY	---	080.9817.04	034.0617.XX	---	080.9812.04	080.9740.SY	6.3x64 053.5476.--
50 mm	022.1079.SY	080.9805.04	080.9817.04	034.0617.XX	---	080.9812.04	080.9740.SY	6.3x67 053.5476.--
51 mm	022.1078.SY	---	080.9876.04	---	---	080.9871.04	080.9740.SY	6.3x64 053.5476.--
52 mm	022.1078.SY	080.9805.04	080.9876.04	---	---	080.9871.04	080.9740.SY	6.3x67 053.5476.--



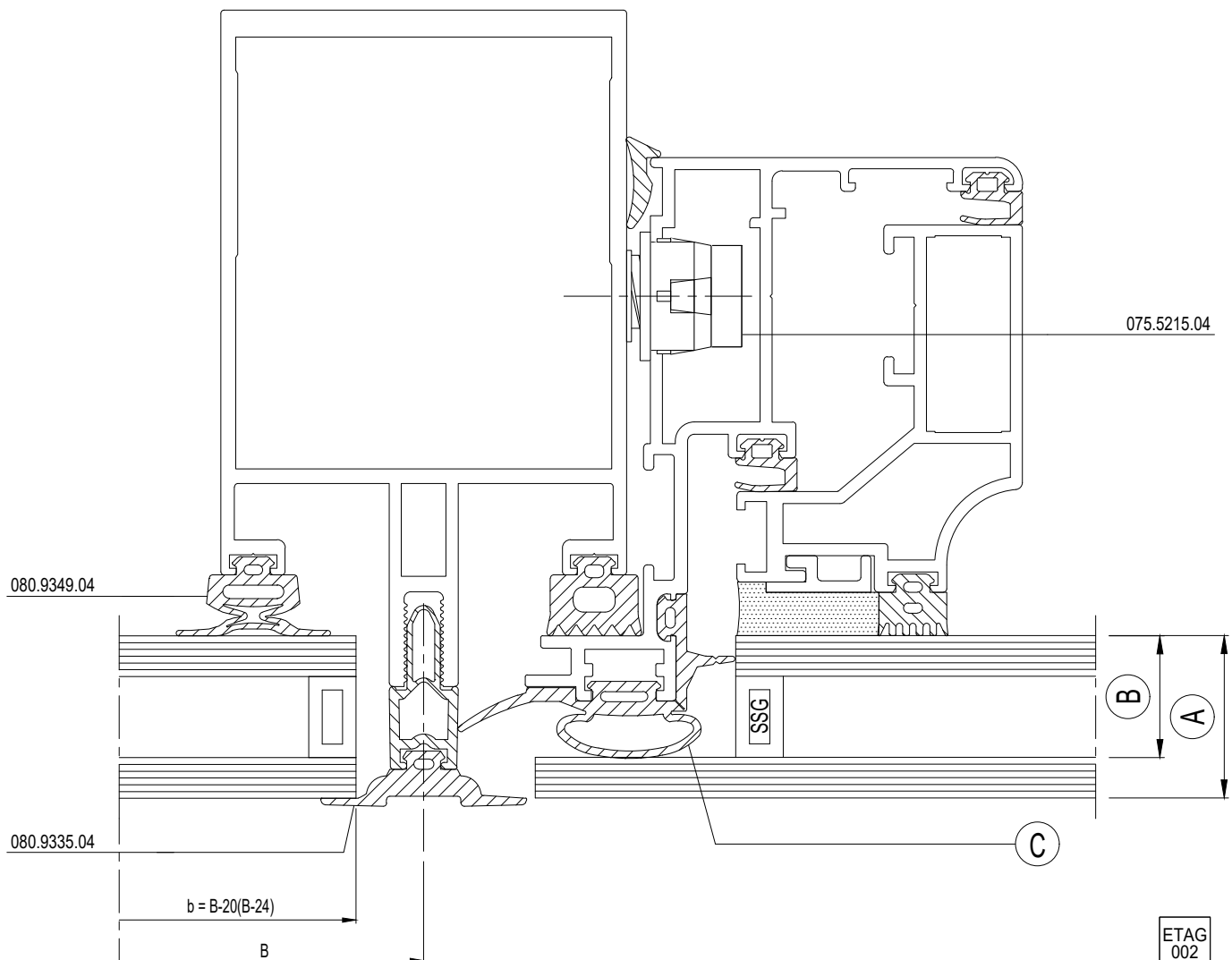
(A)	(B)	(C)	(D)	(E)	(F)	(G)
GLAS VERRE GLASS GLAS	PROFIEL PROFILE PROFILE PROFIL	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	VEILIGHEIDSGLASSTEUN SUP. CALE DE VITR. DE SECURITE SAFETY GLASS SUPPORT SICHERHEITSGLASSTUTZE
25mm	034.0617.XX	080.9812.04	080.9742.04	080.9817.04	073.7291.39	073.7282.39
26 mm	034.0517.XX	080.9812.04	080.9742.04	080.9817.04	073.7291.39	073.7282.39
27 mm	034.0617.XX	080.9871.04	080.9742.04	080.9876.04	073.7291.39	073.7282.39
28 mm	034.0517.XX	080.9871.04	080.9742.04	080.9876.04	073.7291.39	073.7282.39
29 mm	034.0617.XX	080.9810.SY	080.9742.04	080.9815.SY	073.7291.39	073.7282.39
30 mm	034.0517.XX	080.9810.SY	080.9742.04	080.9815.SY	073.7292.39	073.7284.39
31 mm	---	080.9812.04	080.9742.04	080.9817.04	073.7292.39	073.7284.39
32 mm	034.0517.XX	080.9810.SY	080.9741.04	080.9815.SY	073.7292.39	073.7284.39
33 mm	---	080.9812.04	080.9741.04	080.9817.04	073.7292.39	073.7284.39
34 mm	034.0517.XX	080.9810.SY	080.9740.SY	080.9815.SY	073.7292.39	073.7284.39
35 mm	---	080.9812.04	080.9740.SY	080.9817.04	073.7292.39	073.7284.39

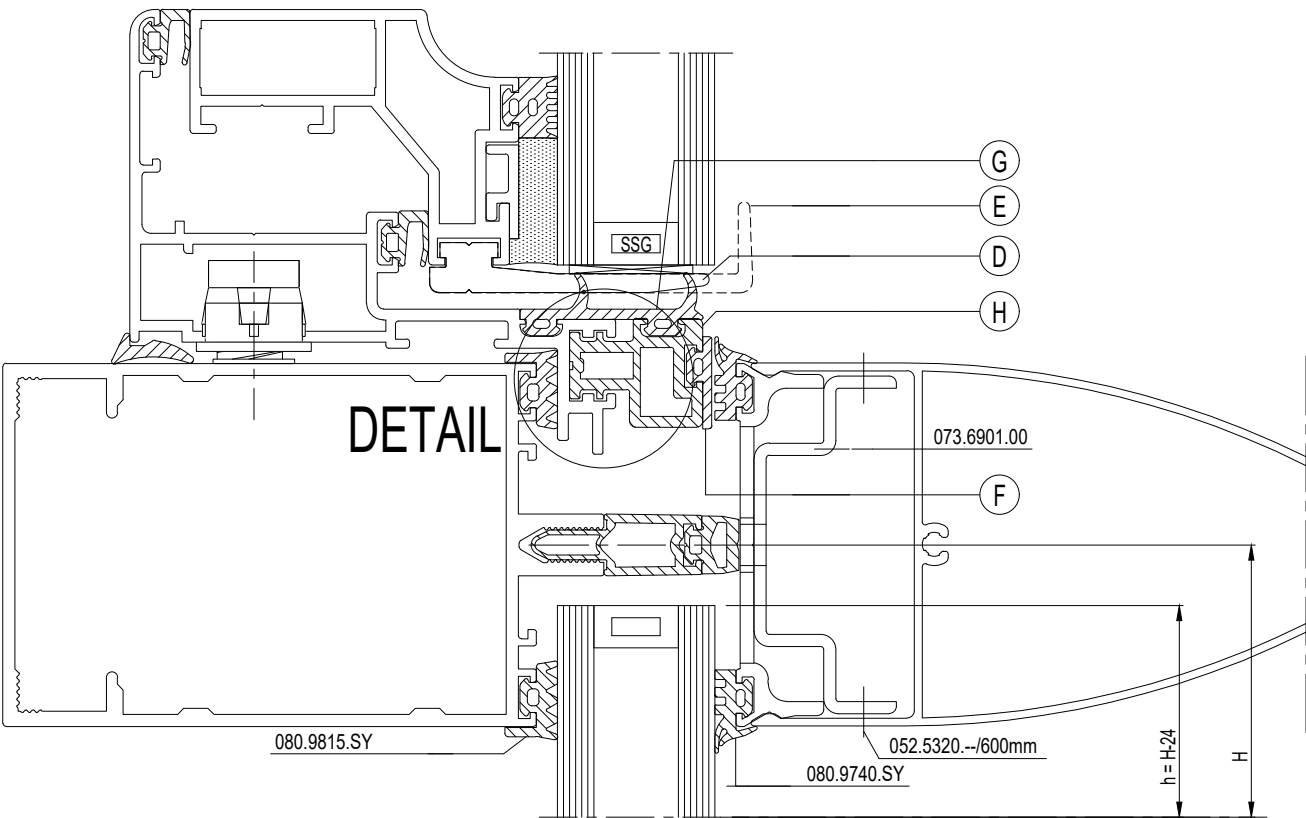


(A)	(B)	(C)	(D)	(E)	(F)		
GLAS VERRE GLASS GLAS	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLEGEPROFIL	SCHROEF VIS SCREW SCHRAUBE		
22 mm	034.0070.04	080.9335.04	of-ou-or-oder	080.9336.04	073.8208.00	6.3x40	053.5467.--
23 mm	034.0070.04	080.9335.04		080.9336.04	073.8208.00	6.3x40	053.5467.--
24 mm	034.0070.04	080.9335.04		080.9336.04	073.8208.00	6.3x40	053.5467.--
25 mm	034.0070.04	- - -		080.9336.04	073.8209.00	6.3x40	053.5467.--
26 mm	034.0071.04	080.9335.04		080.9336.04	073.8209.00	6.3x43	053.5468.--
27 mm	034.0071.04	080.9335.04		080.9336.04	073.8209.00	6.3x43	053.5468.--
28 mm	034.0071.04	080.9335.04		080.9336.04	073.8209.00	6.3x43	053.5468.--
29 mm	034.0071.04	- - -		080.9336.04	073.8212.00	6.3x43	053.5468.--
30 mm	034.0072.04	080.9335.04	of-ou-or-oder	080.9336.04	073.8212.00	6.3x46	053.5469.--
31 mm	034.0072.04	080.9335.04		080.9336.04	073.8212.00	6.3x46	053.5469.--
32 mm	034.0072.04	080.9335.04		080.9336.04	073.8212.00	6.3x49	053.5470.--
33 mm	034.0072.04	- - -		080.9336.04	073.8213.00	6.3x49	053.5470.--
34 mm	034.0073.04	080.9335.04		080.9336.04	073.8213.00	6.3x49	053.5470.--
35 mm	034.0073.04	080.9335.04		080.9336.04	073.8213.00	6.3x52	053.5471.--
36 mm	034.0073.04	080.9335.04		080.9336.04	073.8213.00	6.3x52	053.5471.--
37 mm	034.0073.04	- - -		080.9336.04	073.7484.00 + 2x 053.5463.--	6.3x52	053.5471.--
38 mm	034.0074.04	080.9335.04		080.9336.04	073.7484.00 + 2x 053.5463.--	6.3x55	053.5472.--
39 mm	034.0074.04	080.9335.04		080.9336.04	073.7484.00 + 2x 053.5463.--	6.3x55	053.5472.--
40 mm	034.0074.04	080.9335.04		080.9336.04	073.7484.00 + 2x 053.5463.--	6.3x55	053.5472.--
41 mm	034.0074.04	- - -		080.9336.04	073.7485.00 + 2x 053.5466.--	6.3x55	053.5472.--
42 mm	034.0075.04	080.9335.04		080.9336.04	073.7485.00 + 2x 053.5466.--	6.3x58	053.5473.--
43 mm	034.0075.04	080.9335.04		080.9336.04	073.7485.00 + 2x 053.5466.--	6.3x58	053.5473.--
44 mm	034.0075.04	080.9335.04		080.9336.04	073.7485.00 + 2x 053.5466.--	6.3x61	053.5474.--
45 mm	034.0075.04	- - -		080.9336.04	073.7486.00 + 2x 053.5468.--	6.3x61	053.5474.--
46 mm	034.0076.04	080.9335.04		080.9336.04	073.7486.00 + 2x 053.5468.--	6.3x61	053.5474.--
47 mm	034.0076.04	080.9335.04		080.9336.04	073.7486.00 + 2x 053.5468.--	6.3x64	053.5475.--
48 mm	034.0076.04	080.9335.04		080.9336.04	073.7486.00 + 2x 053.5468.--	6.3x64	053.5475.--



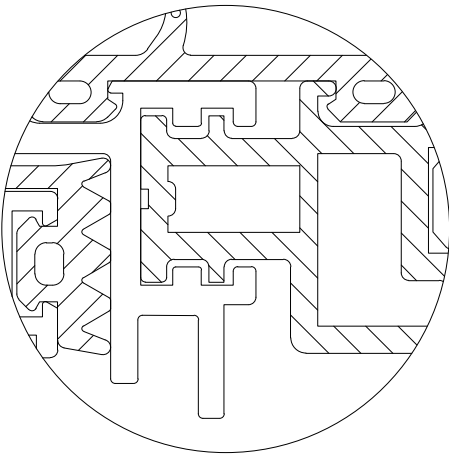
A	B	C	D	E	F	G
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
24 mm	18 mm	080.9305.04	073.7290.39	073.7280.39	---	080.9318.04
25 mm	18 mm	080.9305.04	073.7290.39	073.7280.39	080.9805.04	080.9318.04
26 mm	18 mm	080.9305.04	073.7290.39	073.7280.39	080.9805.04	080.9318.04
27 mm	18 mm	080.9305.04	073.7290.39	073.7280.39	080.9808.04	080.9318.04
28 mm	18 mm	080.9305.04	073.7290.39	073.7282.39	---	080.9331.04
27 mm	22 mm	080.9306.04	073.7290.39	073.7280.39	080.9805.04	080.9318.04
28 mm	22 mm	080.9306.04	073.7290.39	073.7282.39	---	080.9331.04
29 mm	22 mm	080.9306.04	073.7291.39	073.7282.39	080.9805.04	080.9331.04
30 mm	22 mm	080.9306.04	073.7291.39	073.7282.39	080.9805.04	080.9331.04
31 mm	22 mm	080.9306.04	073.7291.39	073.7282.39	080.9808.04	080.9331.04
32 mm	22 mm	080.9306.04	073.7291.39	073.7282.39	080.9808.04	080.9331.04
33 mm	22 mm	080.9306.04	073.7291.39	073.7282.39	080.9809.04	080.9331.04
34 mm	22 mm	080.9306.04	073.7291.39	073.7282.39	080.9809.04	080.9331.04



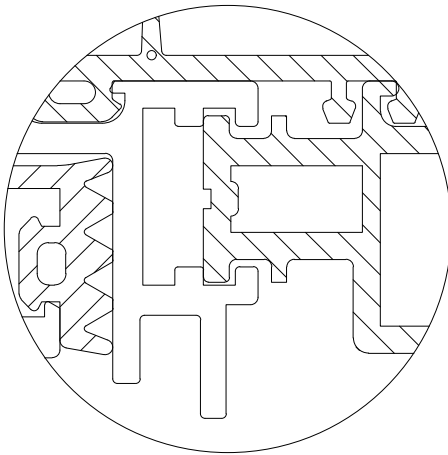


(A)	(H)
GLAS VERRE GLASS GLAS	034.1123.04
24 mm	DETAIL 1
25 mm	DETAIL 1
26 mm	DETAIL 1
27 mm	DETAIL 1
28 mm	DETAIL 2
27 mm	DETAIL 1
28 mm	DETAIL 2
29 mm	DETAIL 2
30 mm	DETAIL 2
31 mm	DETAIL 2
32 mm	DETAIL 2
33 mm	DETAIL 2
34 mm	DETAIL 2

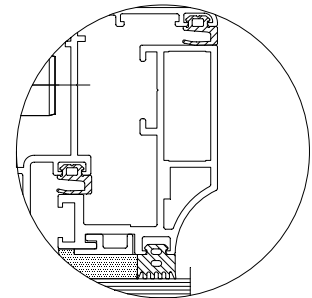
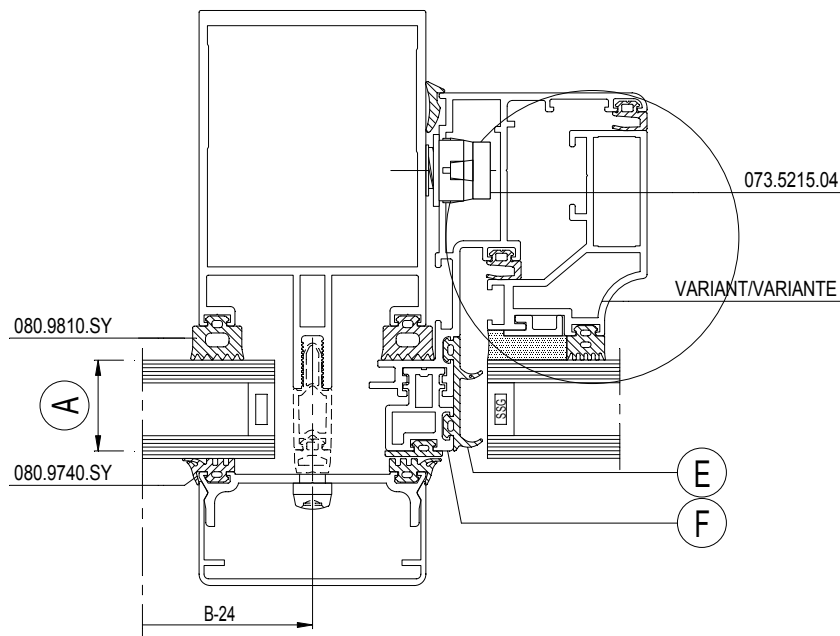
DETAIL 1



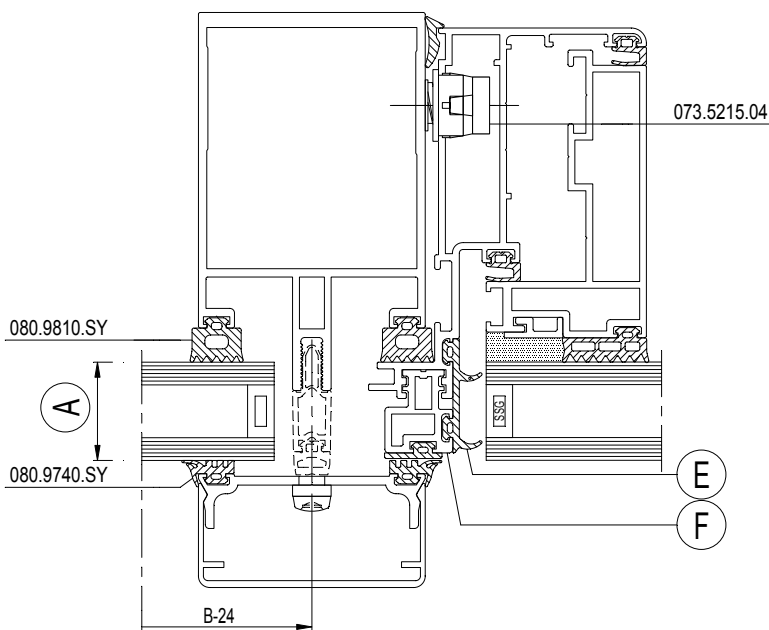
DETAIL 2

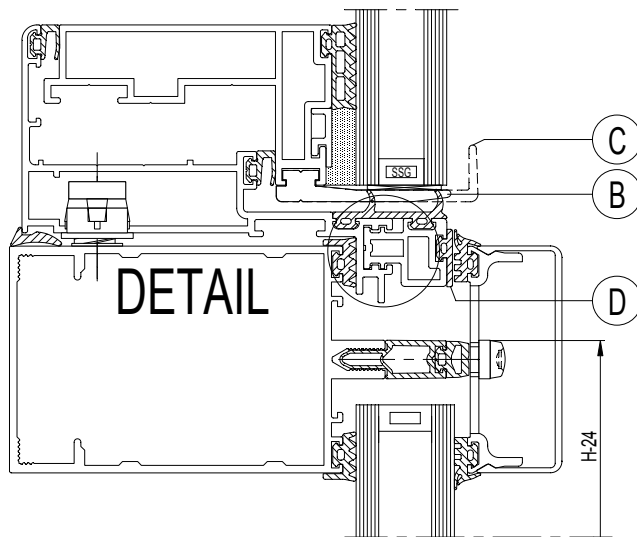
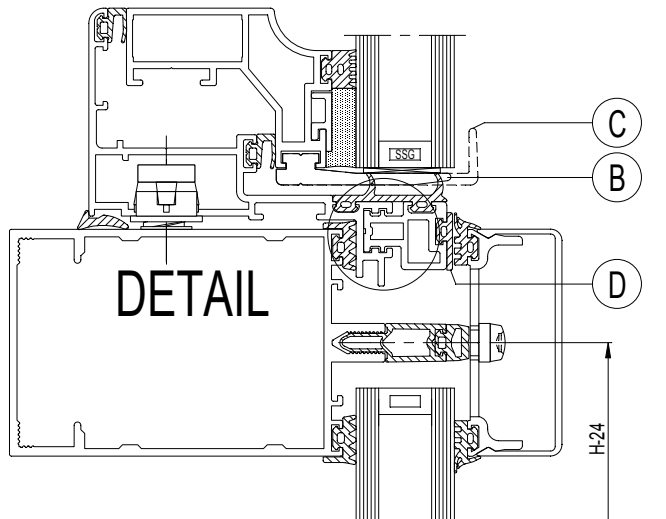


(A)	(B)	(C)	(D)	(E)	(F)
GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	034.0123.04
24 mm	073.7290.39	073.7280.39		080.9318.04	DETAIL1
25 mm	073.7290.39	073.7280.39	080.9805.04	080.9318.04	DETAIL1
26 mm	073.7290.39	073.7280.39	080.9805.04	080.9318.04	DETAIL1
27 mm	073.7290.39	073.7280.39	080.9805.04	080.9318.04	DETAIL1
28 mm	073.7290.39	073.7282.39	---	080.9331.04	DETAIL2
29 mm	073.7291.39	073.7282.39	080.9805.04	080.9331.04	DETAIL2
30 mm	073.7291.39	073.7282.39	080.9805.04	080.9331.04	DETAIL2
31 mm	073.7291.39	073.7282.39	080.9808.04	080.9331.04	DETAIL2
32 mm	073.7291.39	073.7282.39	080.9808.04	080.9331.04	DETAIL2
33 mm	073.7291.39	073.7282.39	080.9809.04	080.9331.04	DETAIL2
34 mm	073.7291.39	073.7282.39	080.9809.04	080.9331.04	DETAIL2

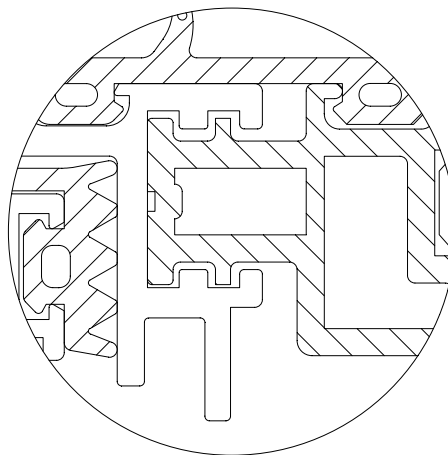


VARIANT
VARIANTE

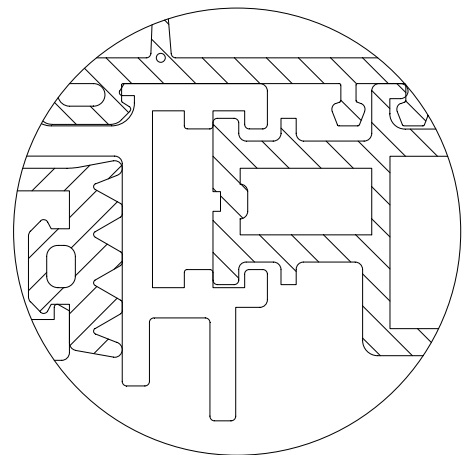




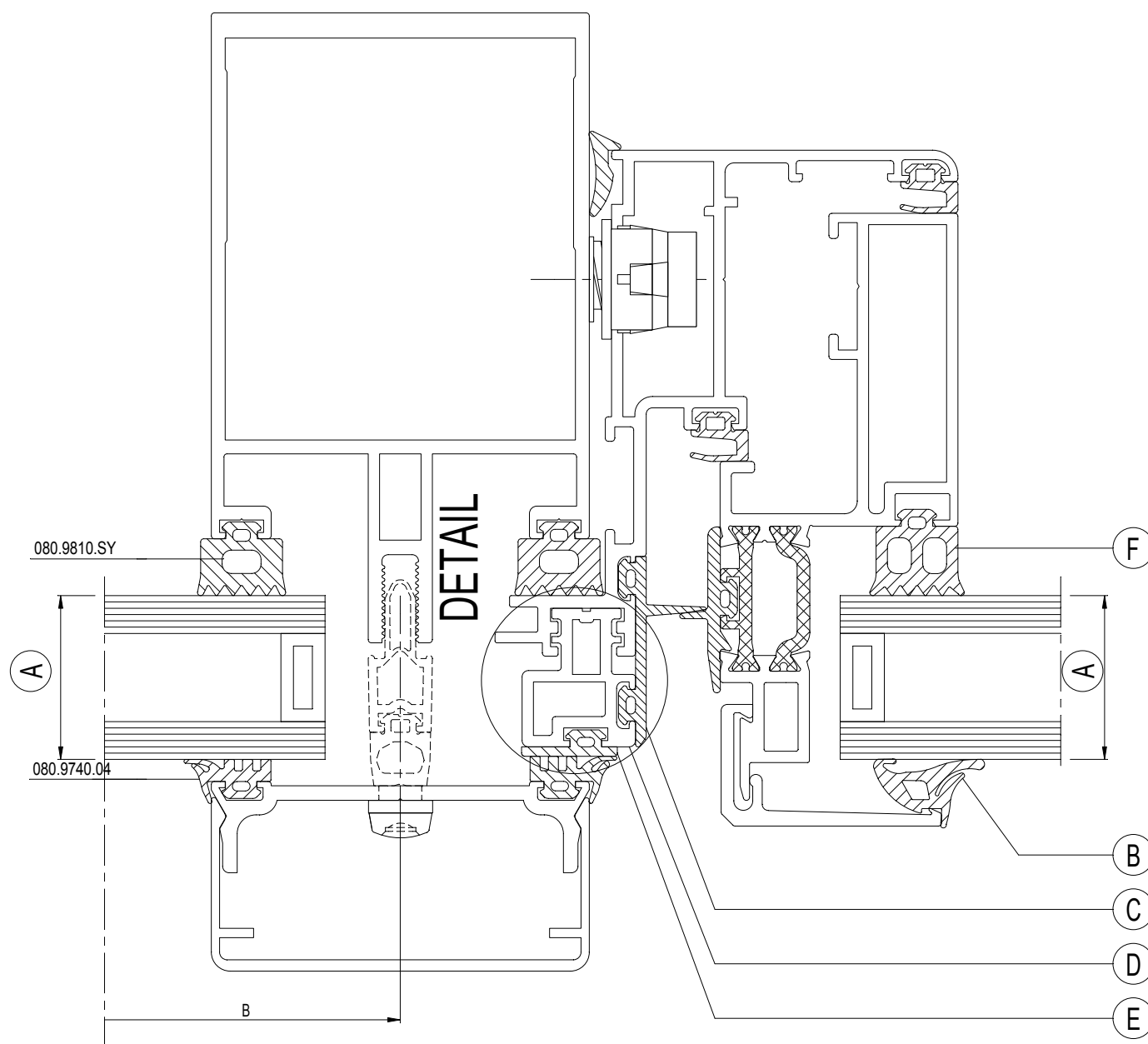
DETAIL 1



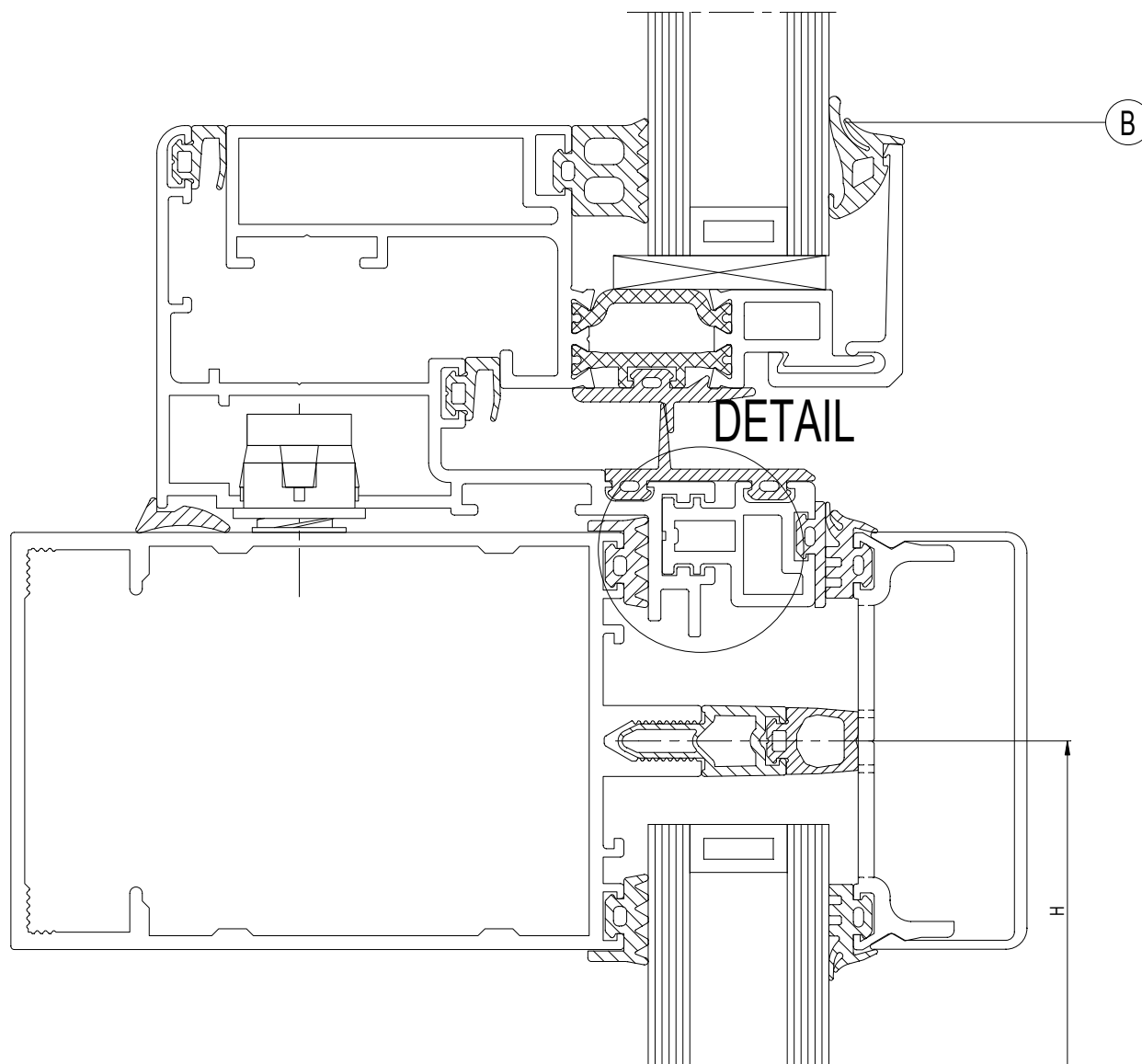
DETAIL 2



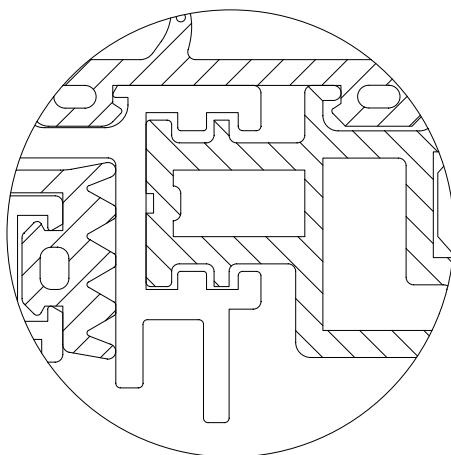
A	B	C	D	E	F
GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	DETAIL 034.0123.04	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
24 mm	080.9391.04	080.9395.04	DETAIL 1	---	080.9871.04
25 mm	080.9391.04	080.9395.04	DETAIL 1	080.9805.04	080.9871.04
26 mm	022.1078.04	080.9395.04	DETAIL 1	080.9805.04	080.9871.04
27 mm	022.1078.04	080.9395.04	DETAIL 1	080.9808.04	080.9871.04
28 mm	022.1078.04	080.9331.04	DETAIL 2	---	080.9871.04
29 mm	022.1079.04	080.9331.04	DETAIL 2	080.9805.04	080.9871.04
30 mm	022.1079.04	080.9331.04	DETAIL 2	080.9805.04	080.9871.04
31 mm	022.1079.04	080.9331.04	DETAIL 2	080.9805.04	080.9810.04
32 mm	022.1079.04	080.9331.04	DETAIL 2	080.9805.04	080.9810.04



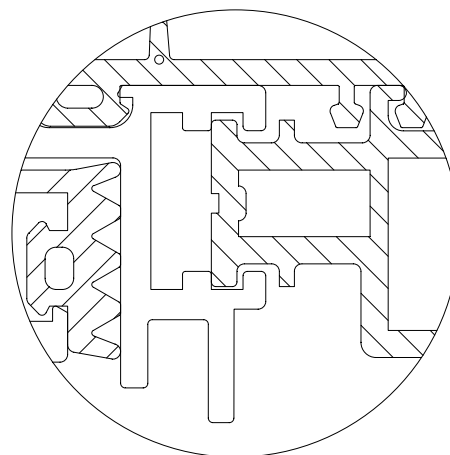
D0056807



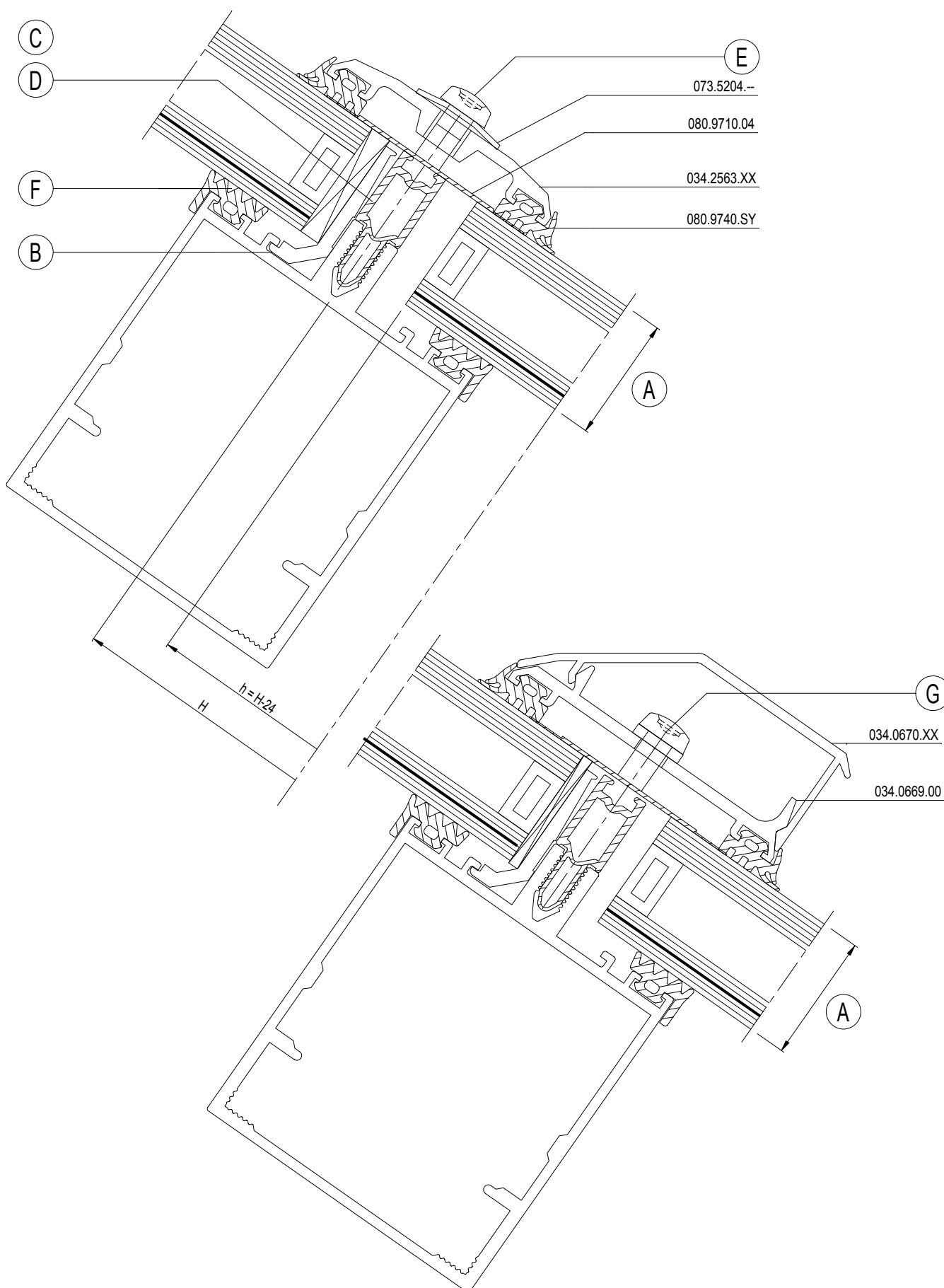
DETAIL 1



DETAIL 2

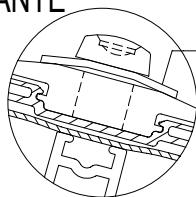


(A)	(B)	(C)	(D)	(E)	(F)	(G)
GLAS VERRE GLASS GLAS	GLASSTEUN SUP. CALE DE VIT. GLASS SUP. GLASAUFLAGEPR.	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE	B EGL. DICHTING JOINT DE VIT. GLAZING GASKET VERGL. DICHTUNG	SCHROEF VIS SCREW SCHRAUBE
6 mm	---	---	---	6.3x28 053.5463.--	080.9876.04	6.3x25 053.5462.--
7 mm	---	---	---	6.3x28 053.5463.--	080.9876.04	6.3x25 053.5462.--
8 mm	---	---	---	6.3x28 053.5463.--	080.9815.SY	6.3x25 053.5462.--
9 mm	---	---	---	6.3x28 053.5463.--	080.9815.SY	6.3x25 053.5462.--
10 mm	---	---	080.9270.04	6.3x28 053.5463.--	080.9815.SY	6.3x28 053.5463.--
11 mm	---	---	080.9270.04	6.3x31 053.5464.--	080.9815.SY	6.3x28 053.5463.--
12 mm	---	---	080.9271.04	6.3x31 053.5464.--	080.9815.SY	6.3x28 053.5463.--
13 mm	---	---	080.9271.04	6.3x31 053.5464.--	080.9815.SY	6.3x31 053.5464.--
14 mm	---	---	080.9518.04	6.3x34 053.5465.--	080.9815.SY	6.3x31 053.5464.--
15 mm	073.8207.00	---	080.9518.04	6.3x34 053.5465.--	080.9815.SY	6.3x31 053.5464.--
16 mm	073.8207.00	---	080.9518.04	6.3x34 053.5465.--	080.9815.SY	6.3x34 053.5465.--
17 mm	073.8207.00	---	080.9518.04	6.3x37 053.5466.--	080.9815.SY	6.3x34 053.5465.--
18 mm	073.8207.00	---	080.9519.04	6.3x37 053.5466.--	080.9815.SY	6.3x34 053.5465.--
19 mm	073.8207.00	---	080.9519.04	6.3x37 053.5466.--	080.9815.SY	6.3x37 053.5466.--
20 mm	073.8207.00	034.0070.04	---	6.3x40 053.5467.--	080.9815.SY	6.3x37 053.5466.--
21 mm	073.8208.00	034.0070.04	---	6.3x40 053.5467.--	080.9815.SY	6.3x37 053.5466.--
22 mm	073.8208.00	034.0070.04	---	6.3x40 053.5467.--	080.9815.SY	6.3x40 053.5467.--
23 mm	073.8208.00	034.0071.04	---	6.3x43 053.5468.--	080.9815.SY	6.3x40 053.5467.--
24 mm	073.8208.00	034.0071.04	---	6.3x43 053.5468.--	080.9815.SY	6.3x40 053.5467.--
25 mm	073.8208.00	034.0071.04	---	6.3x43 053.5468.--	080.9815.SY	6.3x43 053.5468.--
26 mm	073.8209.00	034.0071.04	---	6.3x46 053.5469.--	080.9815.SY	6.3x43 053.5468.--
27 mm	073.8209.00	034.0072.04	---	6.3x46 053.5469.--	080.9815.SY	6.3x43 053.5468.--
28 mm	073.8209.00	034.0072.04	---	6.3x46 053.5469.--	080.9815.SY	6.3x46 053.5469.--
29 mm	073.8209.00	034.0072.04	---	6.3x49 053.5470.--	080.9815.SY	6.3x46 053.5469.--
30 mm	073.8212.00	034.0072.04	---	6.3x49 053.5470.--	080.9815.SY	6.3x46 053.5469.--
31 mm	073.8212.00	034.0073.04	---	6.3x49 053.5470.--	080.9815.SY	6.3x49 053.5470.--
32 mm	073.8212.00	034.0073.04	---	6.3x52 053.5471.--	080.9815.SY	6.3x49 053.5470.--
33 mm	073.8212.00	034.0073.04	---	6.3x52 053.5471.--	080.9815.SY	6.3x49 053.5470.--
34 mm	073.8213.00	034.0073.04	---	6.3x52 053.5471.--	080.9815.SY	6.3x52 053.5471.--
35 mm	073.8213.00	034.0074.04	---	6.3x55 053.5472.--	080.9815.SY	6.3x52 053.5471.--
36 mm	073.8213.00	034.0074.04	---	6.3x55 053.5472.--	080.9815.SY	6.3x52 053.5471.--
37 mm	073.8213.00	034.0074.04	---	6.3x55 053.5472.--	080.9815.SY	6.3x55 053.5472.--
38 mm	073.8214.00	034.0074.04	---	6.3x58 053.5473.--	080.9815.SY	6.3x55 053.5472.--
39 mm	073.8214.00	034.0074.04	---	6.3x58 053.5473.--	080.9815.SY	6.3x55 053.5472.--
40 mm	073.8214.00	034.0074.04	---	6.3x58 053.5473.--	080.9815.SY	6.3x58 053.5473.--
41 mm	073.8214.00	034.0075.04	---	6.3x61 053.5474.--	080.9815.SY	6.3x58 053.5473.--
42 mm	073.8215.00	034.0075.04	---	6.3x61 053.5474.--	080.9815.SY	6.3x58 053.5473.--
43 mm	073.8215.00	034.0075.04	---	6.3x61 053.5474.--	080.9815.SY	6.3x61 053.5474.--
44mm	073.8215.00	034.0075.04	---	6.3x61 053.5474.--	080.9815.SY	6.3x61 053.5474.--
45mm	073.8215.00	034.0076.04	---	6.3x61 053.5474.--	080.9815.SY	6.3x61 053.5474.--

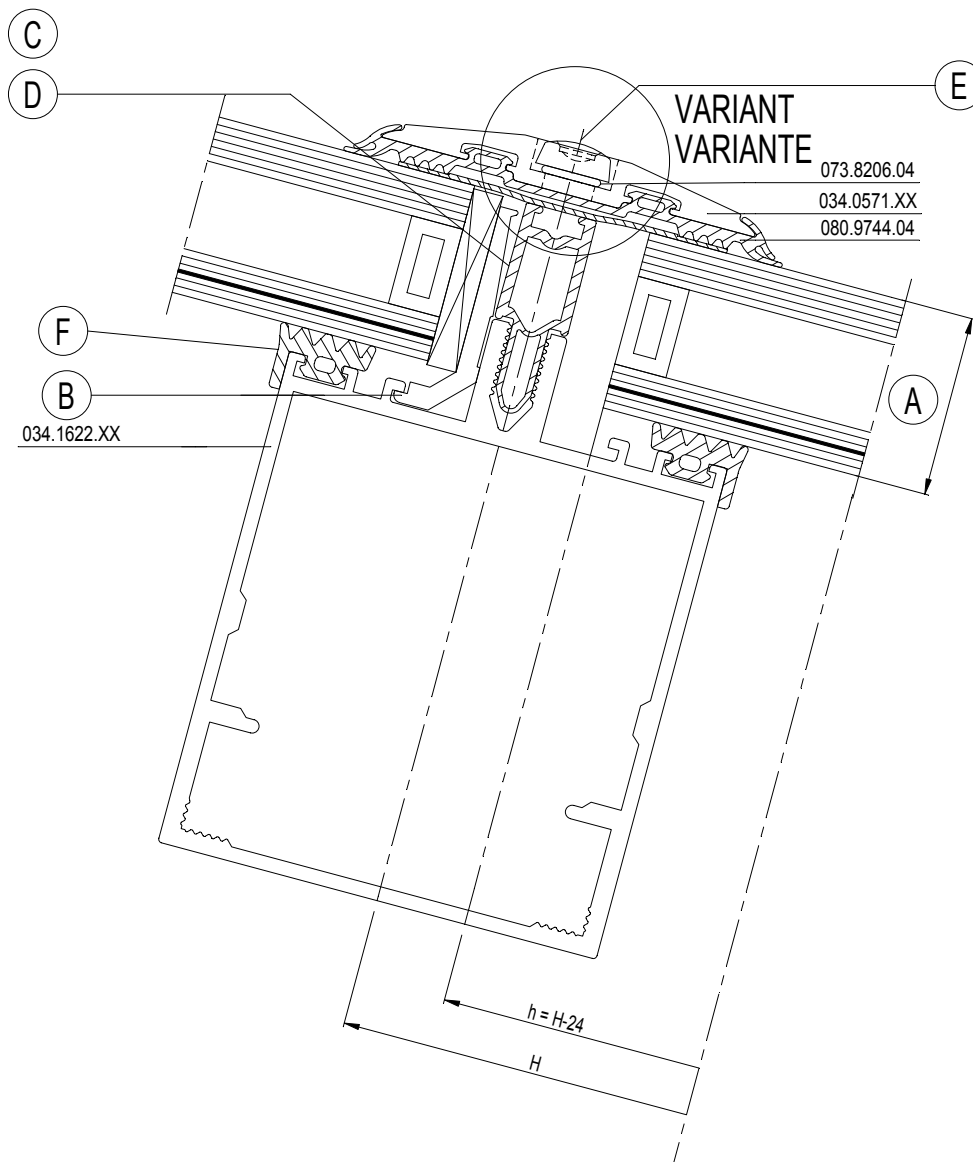


(A)	(B)	(C)	(D)	(E)	(F)
GLAS VERRE GLASS GLAS	GLASSTEUN SUP. CALE DE VIT. GLASS SUP. GLASAUFLAGEPR.	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE	BEGL. DICHTING JOINT DE VIT. GLAZING GASKET VERGL. DICHTUNG
6-7 mm	---	---	---	6.3x19 053.5460.--	080.9876.04
8-9 mm	---	---	---	6.3x19 053.5460.--	080.9815.SY
10 mm	---	---	080.9270.04	6.3x19 053.5460.--	080.9815.SY
11 mm	---	---	080.9270.04	6.3x22 053.5461.--	080.9815.SY
12 mm	---	---	080.9271.04	6.3x22 053.5461.--	080.9815.SY
13 mm	---	---	080.9218.04	6.3x22 053.5461.--	080.9815.SY
14 mm	---	---	080.9518.04	6.3x25 053.5462.--	080.9815.SY
15 mm	073.8207.00	---	080.9518.04	6.3x25 053.5462.--	080.9815.SY
16 mm	073.8207.00	---	080.9519.04	6.3x25 053.5462.--	080.9815.SY
17-18-19 mm	073.8207.00	---	080.9519.04	6.3x28 053.5463.--	080.9815.SY
20-21 mm	073.8207.00	034.0070.04	---	6.3x31 053.5464.--	080.9815.SY
22 mm	073.8208.00	034.0070.04	---	6.3x31 053.5464.--	080.9815.SY
23-24 mm	073.8208.00	034.0071.04	---	6.3x34 053.5465.--	080.9815.SY
25 mm	073.8208.00	034.0071.04	---	6.3x34 053.5465.--	080.9815.SY
26-27 mm	073.8209.00	034.0071.04	---	6.3x37 053.5466.--	080.9815.SY
28 mm	073.8209.00	034.0072.04	---	6.3x37 053.5466.--	080.9815.SY
29 mm	073.8209.00	034.0072.04	---	6.3x40 053.5467.--	080.9815.SY
30-31 mm	073.8212.00	034.0072.04	---	6.3x40 053.5467.--	080.9815.SY
32-33 mm	073.8212.00	034.0073.04	---	6.3x43 053.5468.--	080.9815.SY
34 mm	073.8213.00	034.0073.04	---	6.3x43 053.5468.--	080.9815.SY
35 mm	073.8213.00	034.0073.04	---	6.3x46 053.5469.--	080.9815.SY
36-37 mm	073.8213.00	034.0074.04	---	6.3x46 053.5469.--	080.9815.SY
38-39 mm	073.8214.00	034.0074.04	---	6.3x49 053.5470.--	080.9815.SY
40 mm	073.8214.00	034.0075.04	---	6.3x49 053.5470.--	080.9815.SY
41 mm	073.8214.00	034.0075.04	---	6.3x52 053.5471.--	080.9815.SY
42-43 mm	073.8215.00	034.0075.04	---	6.3x52 053.5471.--	080.9815.SY
44-45 mm	073.8215.00	034.0076.04	---	6.3x55 053.5472.--	080.9815.SY
46 mm	073.8217.00	034.0076.04	---	6.3x55 053.5472.--	080.9815.SY
47-48 mm	073.8217.00	034.0076.04	---	6.3x58 053.5473.--	080.9815.SY

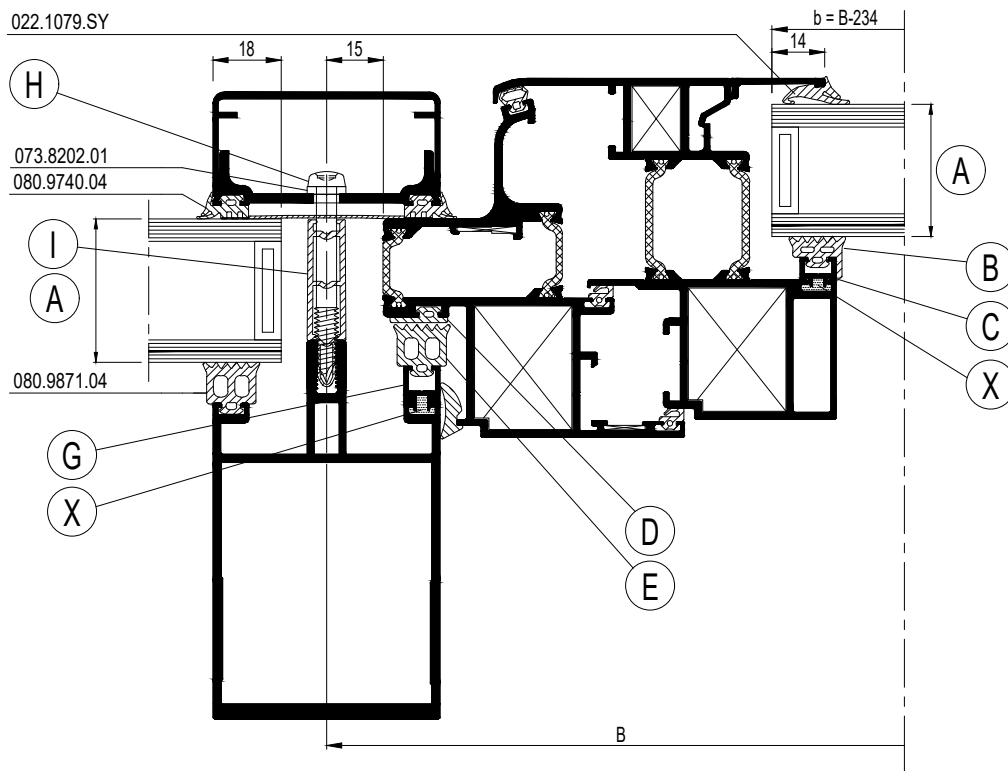
VARIANT
VARIANTE



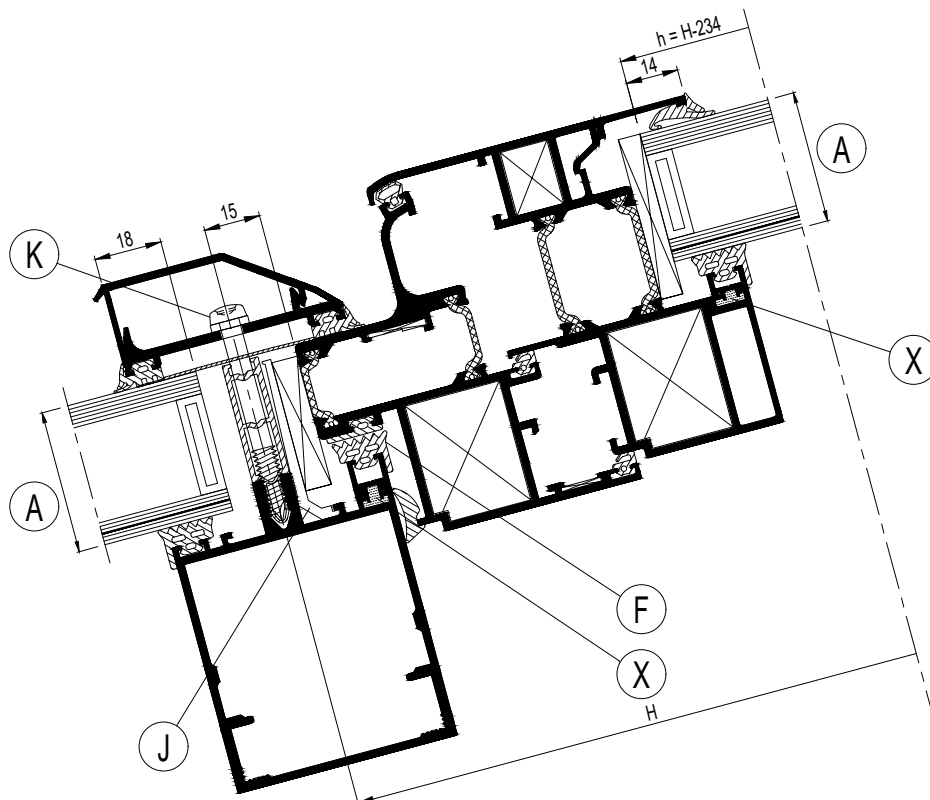
073.5204.--



(A)	(B)	(C)	(D)	(E)	(F)	(G)
GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	AFSTANDSHOUDER REDUCTEUR DE FEUILLURE FILLISTER REDUCER FALZVERKLEINUNGSPROFIL	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	AFSTANDSHOUDER REDUCTEUR DE FEUILLURE FILLISTER REDUCER FALZVERKLEINUNGSPROFIL
24 mm	080.9876.04	034.0615.XX	---	080.9810.SY	080.9815.SY	---
25 mm	080.9876.04	034.0615.XX	080.9805.04	080.9810.SY	080.9815.SY	---
26 mm	080.9815.SY	034.0615.XX	---	080.9871.04	080.9876.04	---
27 mm	080.9815.SY	034.0615.XX	080.9805.04	080.9871.04	080.9876.04	---
28 mm	080.9817.04	034.0618.XX	080.9805.04	080.9871.04	080.9876.04	---
29 mm	080.9817.04	034.0618.XX	080.9808.04	080.9871.04	080.9876.04	---
30 mm	080.9876.04	034.0618.XX	080.9808.04	080.9871.04	080.9876.04	---
31 mm	080.9876.04	034.0618.XX	080.9809.04	080.9871.04	080.9876.04	---
32 mm	080.9815.SY	034.0618.XX	080.9809.04	080.9871.04	080.9876.04	---
33 mm	080.9815.SY	034.0618.XX	080.9805.04	080.9871.04	080.9876.04	034.0617.XX
34 mm	080.9876.04	034.0617.XX	---	080.9871.04	080.9876.04	034.0514.XX
35 mm	080.9876.04	034.0617.XX	080.9805.04	080.9871.04	080.9876.04	034.0514.XX
36 mm	080.9815.SY	034.0617.XX	---	080.9871.04	080.9876.04	034.0618.XX
37 mm	080.9815.SY	034.0617.XX	080.9805.04	080.9871.04	080.9876.04	034.0618.XX
38 mm	080.9817.04	---	080.9805.04	080.9871.04	080.9876.04	034.0618.XX
39 mm	080.9817.04	---	080.9808.04	080.9871.04	080.9876.04	034.0514.XX
40 mm	080.9876.04	---	080.9809.04	080.9871.04	080.9876.04	034.0514.XX
41 mm	080.9876.04	---	080.9808.04	080.9871.04	080.9876.04	034.0618.XX
42 mm	080.9815.SY	---	080.9809.04	080.9871.04	080.9876.04	034.0618.XX
43 mm	080.9815.SY	---	080.9809.04	080.9871.04	080.9876.04	034.0618.XX

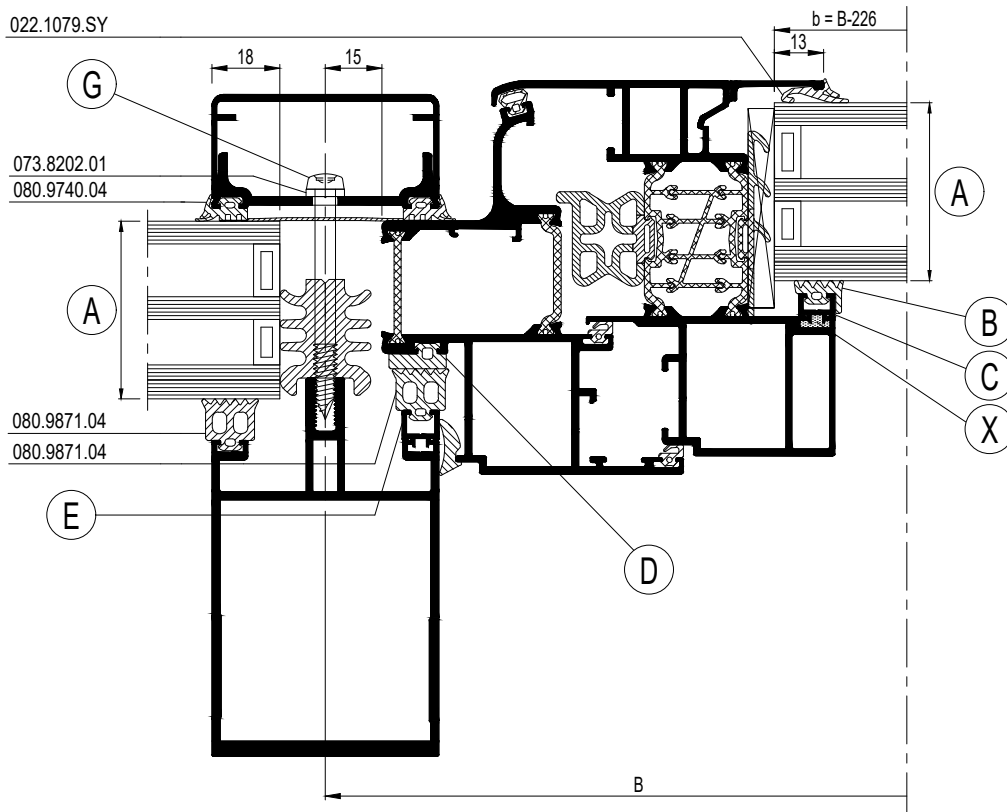


(H)	(I)	(J)	(K)
SCHROEF VIS SCREW SCHRAUBE	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	SCHROEF VIS SCREW SCHRAUBE
6.3x37 053.5466.--	034.0071.04	073.8209.00	6.3x40 053.5467.--
6.3x40 053.5467.--	034.0071.04	073.8209.00	6.3x43 053.5468.--
6.3x40 053.5467.--	034.0072.04	073.8209.00	6.3x43 053.5468.--
6.3x40 053.5467.--	034.0072.04	073.8209.00	6.3x43 053.5468.--
6.3x43 053.5468.--	034.0072.04	073.8212.00	6.3x46 053.5469.--
6.3x43 053.5468.--	034.0072.04	073.8212.00	6.3x46 053.5469.--
6.3x43 053.5468.--	034.0073.04	073.8212.00	6.3x46 053.5469.--
6.3x46 053.5469.--	034.0073.04	073.8212.00	6.3x49 053.5470.--
6.3x46 053.5469.--	034.0073.04	073.8213.00	6.3x49 053.5470.--
6.3x46 053.5469.--	034.0073.04	073.8213.00	6.3x49 053.5470.--
6.3x49 053.5470.--	034.0074.04	073.8213.00	6.3x52 053.5471.--
6.3x49 053.5470.--	034.0074.04	073.8213.00	6.3x52 053.5471.--
6.3x49 053.5470.--	034.0074.04	073.8214.00	6.3x52 053.5471.--
6.3x52 053.5471.--	034.0074.04	073.8214.00	6.3x52 053.5472.--
6.3x52 053.5471.--	034.0075.04	073.8214.00	6.3x55 053.5472.--
6.3x52 053.5471.--	034.0075.04	073.8214.00	6.3x55 053.5472.--
6.3x52 053.5471.--	034.0075.04	073.8214.00	6.3x55 053.5472.--
6.3x55 053.5472.--	034.0075.04	073.8215.00	6.3x58 053.5473.--
6.3x55 053.5472.--	034.0075.04	073.8215.00	6.3x58 053.5473.--
6.3x55 053.5472.--	034.0076.04	073.8215.00	6.3x58 053.5473.--
6.3x58 053.5473.--	034.0076.04	073.8215.00	6.3x61 053.5474.--

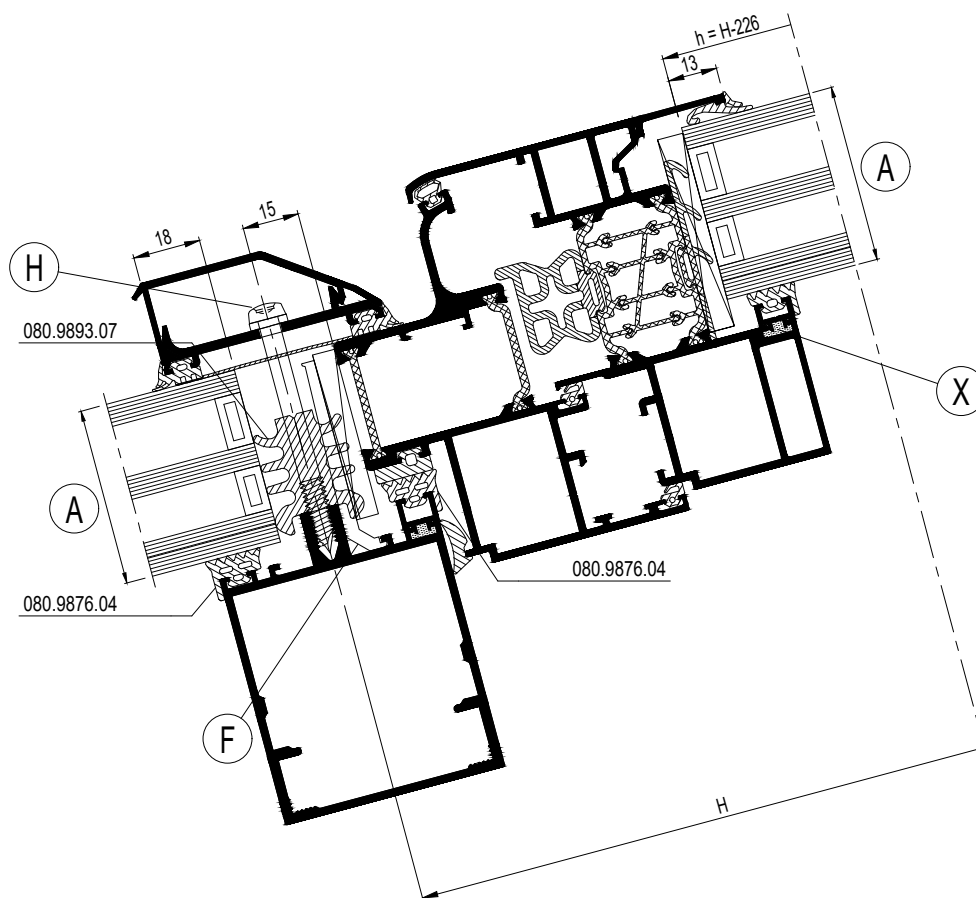


(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

A	B	C	D	E
GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	AFSTANDSHOUDER REDUCTEUR DE FEUILLURE FILLISTER REDUCER FALZVERKLEINUNGSPROFIL	DICHTING JOINT GASKET DICHTUNG	AFSTANDSHOUDER REDUCTEUR DE FEUILLURE FILLISTER REDUCER FALZVERKLEINUNGSPROFIL
35 mm	080.9815.SY	034.0615.XX	---	---
36 mm	080.9815.SY	034.0615.XX	080.9805.04	---
37 mm	080.9817.04	034.0618.XX	080.9805.04	---
38 mm	080.9817.04	034.0618.XX	080.9808.04	---
39 mm	080.9876.04	034.0618.XX	080.9808.04	---
40 mm	080.9876.04	034.0618.XX	080.9808.04	---
41 mm	080.9815.SY	034.0618.XX	080.9809.04	---
42 mm	080.9815.SY	034.0618.XX	080.9809.04	---
43 mm	080.9876.04	034.0617.XX	---	034.0514.XX
44 mm	080.9876.04	034.0617.XX	080.9805.04	034.0514.XX
45 mm	080.9815.SY	034.0617.XX	080.9805.04	034.0514.XX
46 mm	080.9815.SY	034.0617.XX	080.9808.04	034.0514.XX
47 mm	080.9817.04	---	080.9808.04	034.0514.XX
48 mm	080.9817.04	---	080.9808.04	034.0514.XX
49 mm	080.9876.04	---	080.9809.04	034.0514.XX
50 mm	080.9876.04	---	080.9809.04	034.0514.XX
51 mm	080.9815.SY	---	---	034.0615.XX
52 mm	080.9815.SY	---	080.9805.04	034.0615.XX



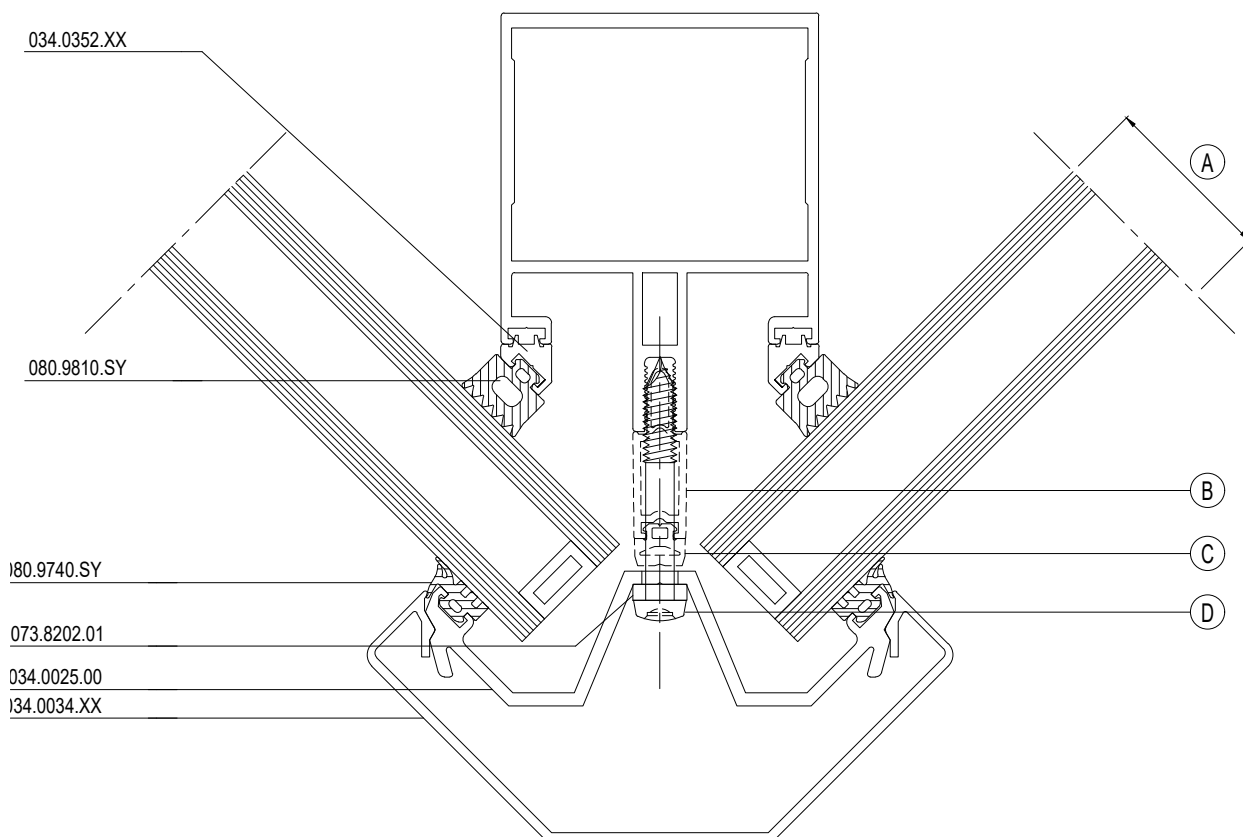
(F)	(G)	(H)
GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLEGEPROFIL	SCHROEF VIS SCREW SCHRAUBE	SCHROEF VIS SCREW SCHRAUBE
073.8213.00	6.3x49 053.5470.--	6.3x52 053.5471.--
073.8214.00	6.3x49 053.5470.--	6.3x52 053.5471.--
073.8214.00	6.3x52 053.5471.--	6.3x55 053.5472.--
073.8214.00	6.3x52 053.5471.--	6.3x55 053.5472.--
073.8214.00	6.3x52 053.5471.--	6.3x55 053.5472.--
073.8214.00	6.3x52 053.5471.--	6.3x55 053.5472.--
073.8215.00	6.3x55 053.5472.--	6.3x58 053.5473.--
073.8215.00	6.3x55 053.5472.--	6.3x58 053.5473.--
073.8215.00	6.3x55 053.5472.--	6.3x61 053.5474.--
073.8217.00	6.3x58 053.5473.--	6.3x61 053.5474.--
073.8217.00	6.3x58 053.5473.--	6.3x61 053.5474.--
073.8217.00	6.3x61 053.5474.--	6.3x64 053.5475.--
073.8217.00	6.3x61 053.5474.--	6.3x64 053.5475.--
073.7488.00	6.3x61 053.5474.--	6.3x64 053.5475.--
073.7488.00	6.3x64 053.5475.--	6.3x67 053.5476.--
073.7488.00	6.3x64 053.5475.--	6.3x67 053.5476.--
073.7488.00	6.3x64 053.5475.--	6.3x67 053.5476.--
073.7488.00	6.3x64 053.5475.--	6.3x67 053.5476.--



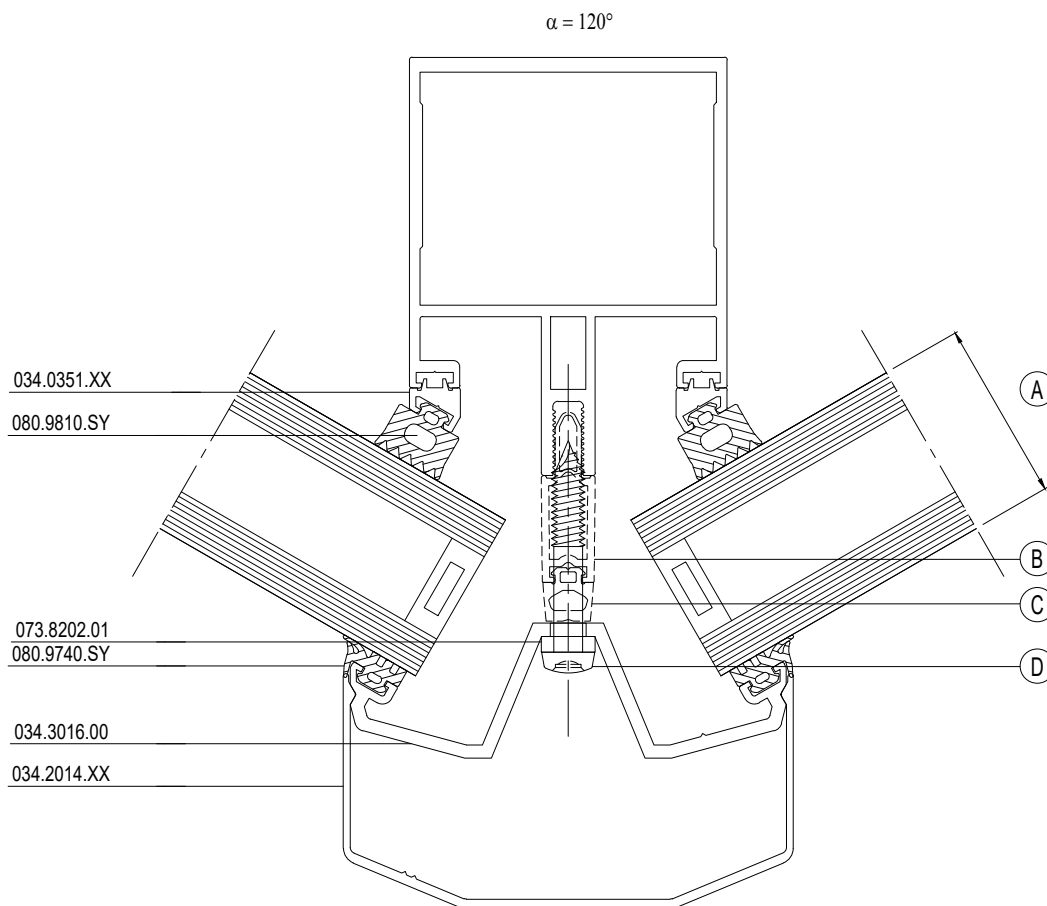
(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

(A)	(B)	(C)	(D)
GLAS VERRE GLASS GLAS	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE
15 mm	---	080.9519.04	6.3x28 053.5463.--
16 mm	---	080.9520.04	6.3x31 053.5464.--
17 mm	---	080.9520.04	6.3x31 053.5464.--
18 mm	---	080.9520.04	6.3x34 053.5465.--
19 mm	---	080.9520.04	6.3x34 053.5465.--
20 mm	034.0070.04	080.9522.04	6.3x37 053.5466.--
21 mm	034.0070.04	080.9523.04	6.3x37 053.5466.--
22 mm	034.0071.04	080.9522.04	6.3x40 053.5467.--
23 mm	034.0071.04	080.9522.04	6.3x40 053.5467.--
24 mm	034.0071.04	080.9523.04	6.3x43 053.5468.--
25 mm	034.0072.04	080.9522.04	6.3x43 053.5468.--
26 mm	034.0072.04	080.9522.04	6.3x46 053.5469.--
27 mm	034.0072.04	080.9523.04	6.3x46 053.5469.--
28 mm	034.0073.04	080.9522.04	6.3x46 053.5469.--
29 mm	034.0073.04	080.9522.04	6.3x49 053.5470.--
30 mm	034.0073.04	080.9523.04	6.3x49 053.5470.--
31 mm	034.0074.04	080.9522.04	6.3x52 053.5471.--
32 mm	034.0074.04	080.9522.04	6.3x52 053.5471.--
33 mm	034.0074.04	080.9523.04	6.3x55 053.5472.--
34 mm	034.0075.04	080.9522.04	6.3x55 053.5472.--
35 mm	034.0075.04	080.9522.04	6.3x58 053.5473.--
36 mm	034.0075.04	080.9523.04	6.3x58 053.5473.--

$\alpha = 90^\circ$



(A)	(B)	(C)	(D)
GLAS VERRE GLASS GLAS	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE
17 mm	---	080.9519.04	6.3x28 053.5463.--
18 mm	---	080.9519.04	6.3x28 053.5463.--
19 mm	---	080.9519.04	6.3x28 053.5463.--
20 mm	---	080.9520.04	6.3x31 053.5464.--
21 mm	---	080.9520.04	6.3x31 053.5464.--
22 mm	---	080.9520.04	6.3x31 053.5464.--
23 mm	---	080.9520.04	6.3x34 053.5465.--
24 mm	---	080.9520.04	6.3x34 053.5465.--
25 mm	034.0070.04	080.9522.04	6.3x37 053.5466.--
26 mm	034.0070.04	080.9522.04	6.3x37 053.5466.--
27 mm	034.0070.04	080.9522.04	6.3x37 053.5466.--
28 mm	034.0070.04	080.9523.04	6.3x40 053.5467.--
29 mm	034.0071.04	080.9522.04	6.3x40 053.5467.--
30 mm	034.0071.04	080.9522.04	6.3x40 053.5467.--
31 mm	034.0071.04	080.9523.04	6.3x43 053.5468.--
32 mm	034.0072.04	080.9522.04	6.3x43 053.5468.--
33 mm	034.0072.04	080.9522.04	6.3x46 053.5469.--
34 mm	034.0072.04	080.9523.04	6.3x46 053.5469.--
35 mm	034.0073.04	080.9522.04	6.3x46 053.5469.--
36 mm	034.0073.04	080.9522.04	6.3x49 053.5470.--



(A)	(B)	(C)	(D)
GLAS VERRE GLASS GLAS	ISOLATOR ISOLATEUR INSULATOR ISOLATOR	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE
15 mm	---	080.9518.04	6.3x25 053.5462.--
16 mm	---	080.9519.04	6.3x25 053.5462.--
17 mm	---	080.9519.04	6.3x28 053.5463.--
18 mm	---	080.9519.04	6.3x28 053.5463.--
19 mm	---	080.9519.04	6.3x28 053.5463.--
20 mm	---	080.9520.04	6.3x31 053.5464.--
21 mm	---	080.9520.04	6.3x31 053.5464.--
22 mm	---	080.9520.04	6.3x31 053.5464.--
23 mm	---	080.9520.04	6.3x34 053.5465.--
24 mm	---	080.9520.04	6.3x34 053.5465.--
25 mm	034.0070.04	080.9522.04	6.3x34 053.5465.--
26 mm	034.0070.04	080.9522.04	6.3x37 053.5466.--
27 mm	034.0070.04	080.9523.04	6.3x37 053.5466.--
28 mm	034.0070.04	080.9523.04	6.3x37 053.5466.--
29 mm	034.0071.04	080.9522.04	6.3x40 053.5467.--
30 mm	034.0071.04	080.9522.04	6.3x40 053.5467.--
31 mm	034.0071.04	080.9523.04	6.3x40 053.5467.--
32 mm	034.0071.04	080.9523.04	6.3x43 053.5468.--
33 mm	034.0072.04	080.9522.04	6.3x43 053.5468.--
34 mm	034.0072.04	080.9522.04	6.3x43 053.5468.--
35 mm	034.0072.04	080.9523.04	6.3x46 053.5469.--
36 mm	034.0072.04	080.9523.04	6.3x46 053.5469.--
37 mm	034.0073.04	080.9522.04	6.3x49 053.5470.--
38 mm	034.0073.04	080.9522.04	6.3x49 053.5470.--
39 mm	034.0073.04	080.9523.04	6.3x49 053.5470.--
40 mm	034.0073.04	080.9523.04	6.3x52 053.5471.--
41 mm	034.0074.04	080.9522.04	6.3x52 053.5471.--
42 mm	034.0074.04	080.9522.04	6.3x52 053.5471.--
43 mm	034.0074.04	080.9523.04	6.3x55 053.5472.--
44 mm	034.0074.04	080.9523.04	6.3x55 053.5472.--
45 mm	034.0075.04	080.9522.04	6.3x55 053.5472.--
46 mm	034.0075.04	080.9522.04	6.3x58 053.5473.--
47 mm	034.0075.04	080.9523.04	6.3x58 053.5473.--
48 mm	034.0075.04	080.9523.04	6.3x58 053.5473.--

034.0350.XX

080.9810.SY

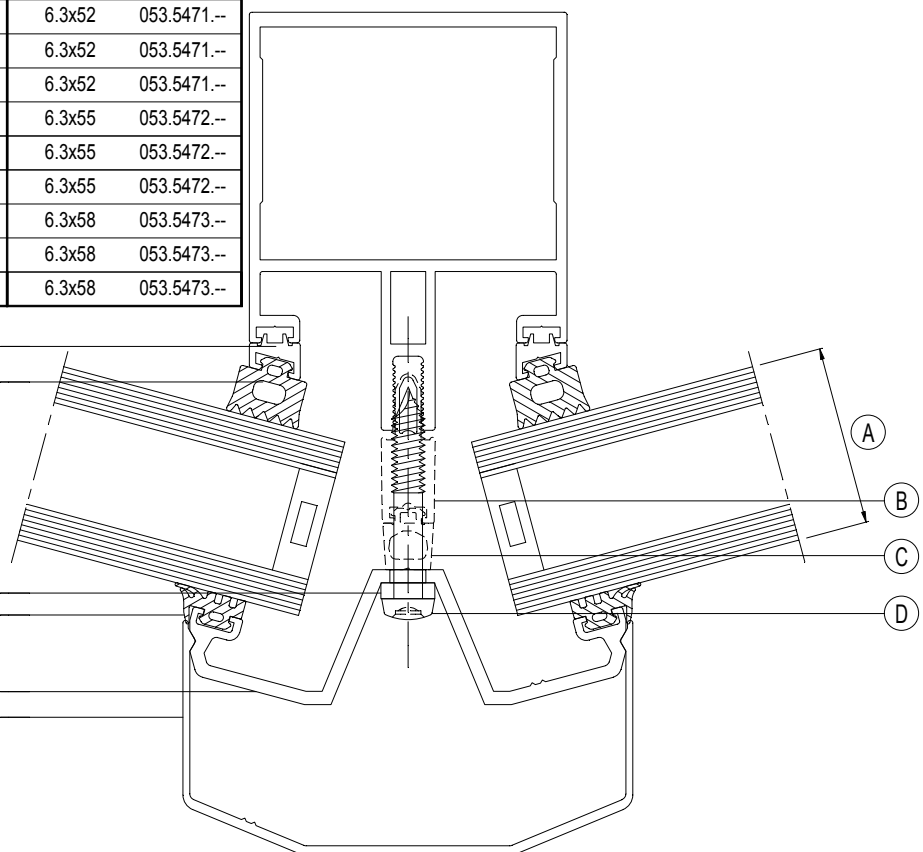
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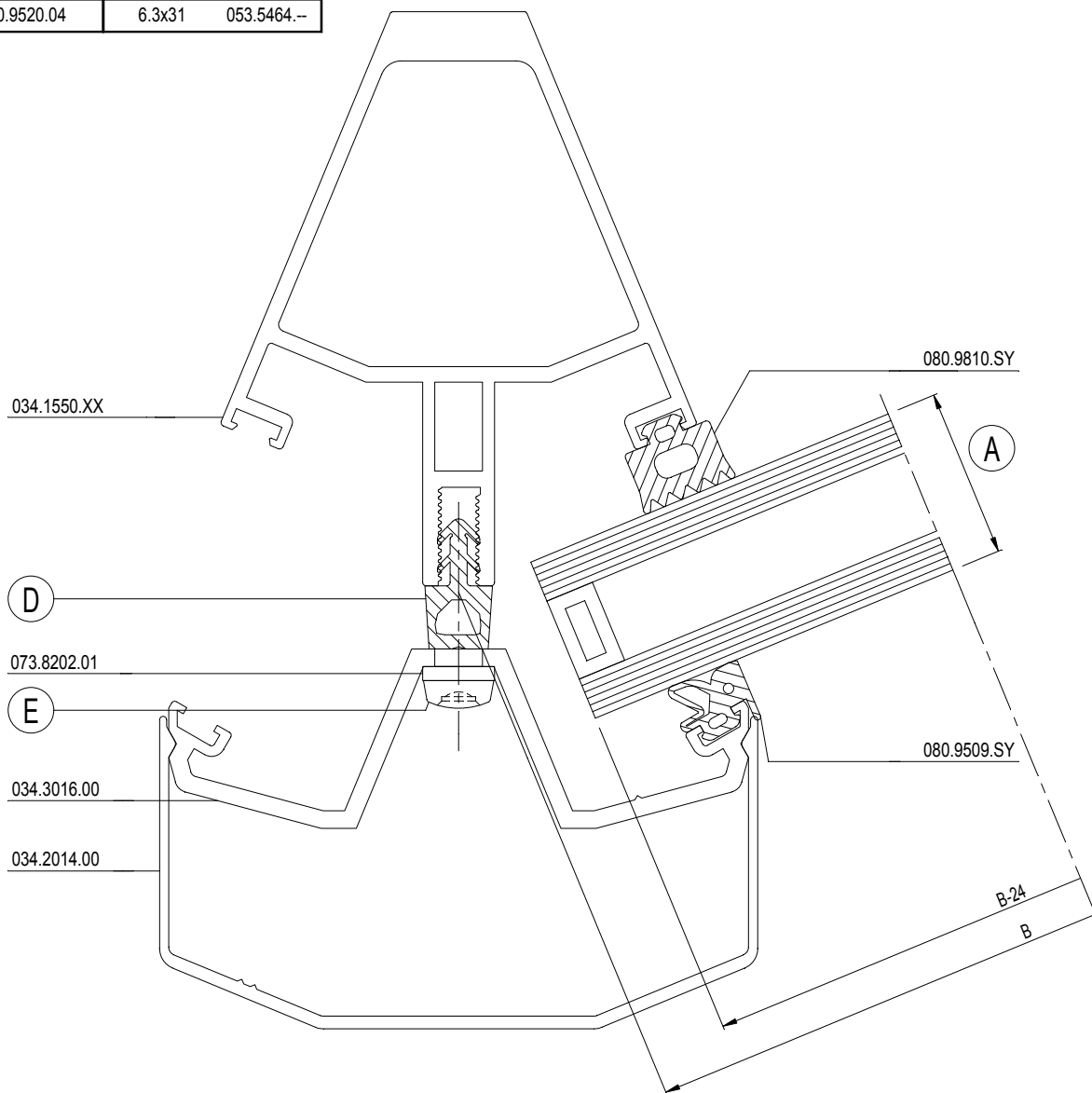
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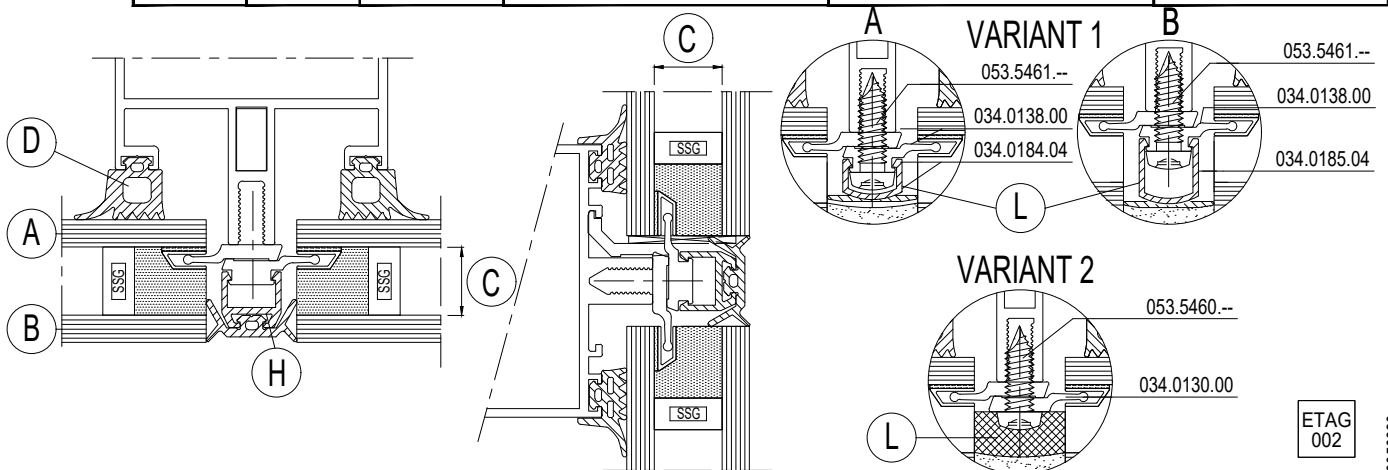
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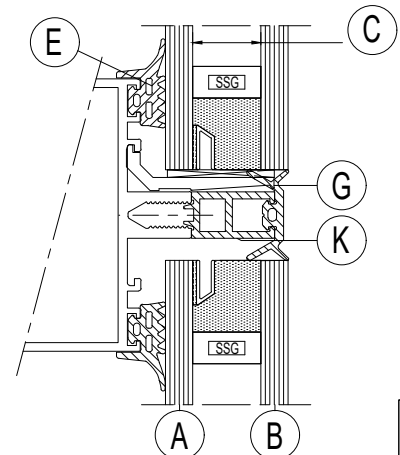
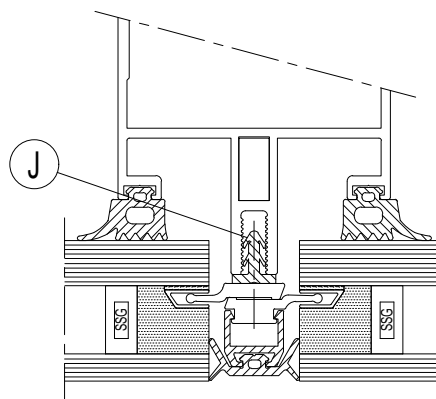
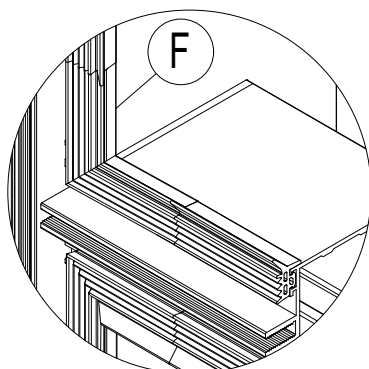
(A)	(D)	(E)
GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	SCHROEF VIS SCREW SCHRAUBE
18 mm	---	6.3x19 053.5460.--
19 mm	---	6.3x19 053.5460.--
20 mm	---	6.3x22 053.5461.--
21 mm	---	6.3x22 053.5461.--
22 mm	080.9518.04	6.3x22 053.5461.--
23 mm	080.9519.04	6.3x25 053.5462.--
24 mm	080.9519.04	6.3x25 053.5462.--
25 mm	080.9519.04	6.3x28 053.5463.--
26 mm	080.9519.04	6.3x28 053.5463.--
27 mm	080.9520.04	6.3x28 053.5463.--
28 mm	080.9520.04	6.3x31 053.5464.--
29 mm	080.9520.04	6.3x31 053.5464.--
30 mm	080.9520.04	6.3x31 053.5464.--



(A)	(B)	(C)	(D)	(E)	(F)
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	VORMSTUK PIECE MOULEE MOULDING PIECE FORMSTUECK
6 mm	6 mm	15	080.9821.04	080.9826.04	080.9861.04
6 mm	8 mm	15	080.9821.04	080.9826.04	080.9861.04
6 mm	10 mm	15	080.9821.04	080.9826.04	080.9861.04
8 mm	6 mm	15	080.9820.04	080.9825.04	080.9860.04
8 mm	8 mm	15	080.9820.04	080.9825.04	080.9860.04
8 mm	10 mm	15	080.9820.04	080.9825.04	080.9860.04
10 mm	6 mm	15	080.9820.04	080.9825.04	080.9860.04
10 mm	8 mm	15	080.9820.04	080.9825.04	080.9860.04
10 mm	10 mm	15	080.9820.04	080.9825.04	080.9860.04
12 mm	6 mm	15	080.9821.04	080.9826.04	080.9860.04
12 mm	8 mm	15	080.9821.04	080.9826.04	080.9860.04
12 mm	10 mm	15	080.9821.04	080.9826.04	080.9860.04
6 mm	6 mm	18	080.9821.04	080.9826.04	080.9861.04
6 mm	8 mm	18	080.9821.04	080.9826.04	080.9861.04
6 mm	10 mm	18	080.9821.04	080.9826.04	080.9861.04
8 mm	6 mm	18	080.9820.04	080.9825.04	080.9860.04
8 mm	8 mm	18	080.9820.04	080.9825.04	080.9860.04
8 mm	10 mm	18	080.9820.04	080.9825.04	080.9860.04
10 mm	6 mm	18	080.9820.04	080.9825.04	080.9860.04
10 mm	8 mm	18	080.9820.04	080.9825.04	080.9860.04
10 mm	10 mm	18	080.9820.04	080.9825.04	080.9860.04
12 mm	6 mm	18	080.9821.04	080.9826.04	080.9860.04
12 mm	8 mm	18	080.9821.04	080.9826.04	080.9860.04
12 mm	10 mm	18	080.9821.04	080.9826.04	080.9860.04
6 mm	6 mm	20	080.9821.04	080.9826.04	080.9861.04
6 mm	8 mm	20	080.9821.04	080.9826.04	080.9861.04
6 mm	10 mm	20	080.9821.04	080.9826.04	080.9861.04
8 mm	6 mm	20	080.9820.04	080.9825.04	080.9860.04
8 mm	8 mm	20	080.9820.04	080.9825.04	080.9860.04
8 mm	10 mm	20	080.9820.04	080.9825.04	080.9860.04
10 mm	6 mm	20	080.9820.04	080.9825.04	080.9860.04
10 mm	8 mm	20	080.9820.04	080.9825.04	080.9860.04
10 mm	10 mm	20	080.9820.04	080.9825.04	080.9860.04
12 mm	6 mm	20	080.9821.04	080.9826.04	080.9860.04
12 mm	8 mm	20	080.9821.04	080.9826.04	080.9860.04
12 mm	10 mm	20	080.9821.04	080.9826.04	080.9860.04



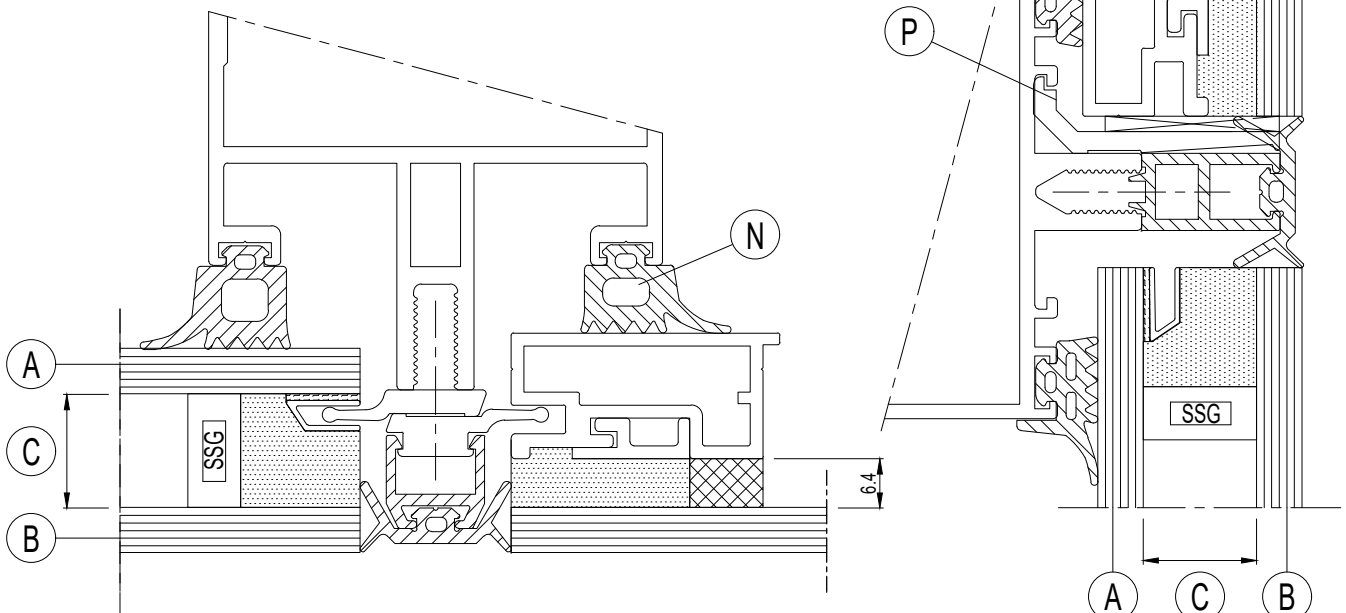
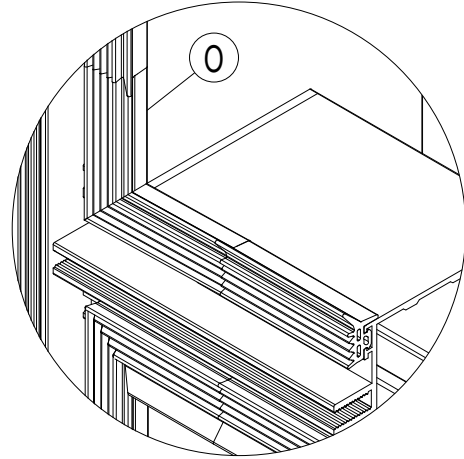
(G)	(H)	(J)	(K)	(L)
GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLEGEPROFIL	KLIPSPROFIEL CLIP CLIP PROFILE ABDECKPROFIL	COMPARTIMENTERINGSDICHTING JOINT DE NEZ COMPARTIMENTATION GASKET KOMPARTIMENTIERUNGSDICHTUNG	KLEMSTUK CLIP CLIP BEFESTIGUNGSKLOTZ	KIIPSPROFIEL CLIP CLIP ABDECKPROFIL
073.8209.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8209.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8212.00	034.1180.04	---	073.6118.--	Variant 2
073.8212.00	034.1180.04	080.9270.04	073.6118.--	Variant 1 A
073.8212.00	034.1180.04	080.9270.04	073.6118.--	Variant 2
073.8213.00	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.8212.00	034.1180.04	080.9271.04	073.6119.--	Variant 1 A
073.8213.00	034.1180.04	080.9271.04	073.6119.--	Variant 1 A
073.7483.00 + 2x 053.5462.--	034.1180.04	080.9271.04	---	Variant 1 A
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.8212.00	034.1180.04	---	073.6118.--	Variant 1 A
073.8213.00	034.1180.04	---	073.6118.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.8213.00	034.1180.04	080.9270.04	073.6118.--	Variant 2
073.8213.00	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9270.04	---	Variant 1 B
073.7483.00 + 2x 053.5462.--	034.1180.04	080.9271.04	---	Variant 1 A
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9271.04	---	Variant 2
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9271.04	---	Variant 1 B
073.8213.00	034.1181.04	---	073.6119.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.7483.00 + 2x 053.5462.--	034.1181.04	---	---	Variant 1 B
073.8213.00	034.1181.04	---	073.6119.--	Variant 2
073.8213.00	034.1181.04	---	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	---	---	Variant 1 B
073.8213.00	034.1181.04	080.9270.04	073.6119.--	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9270.04	---	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9270.04	---	Variant 2
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9271.04	---	Variant 2
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9271.04	---	Variant 1 B
073.7484.00 + 2x 053.5463.--	034.1181.04	080.9271.04	---	Variant 1 B



ETAG
002

D0056620

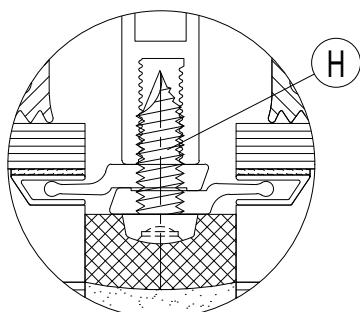
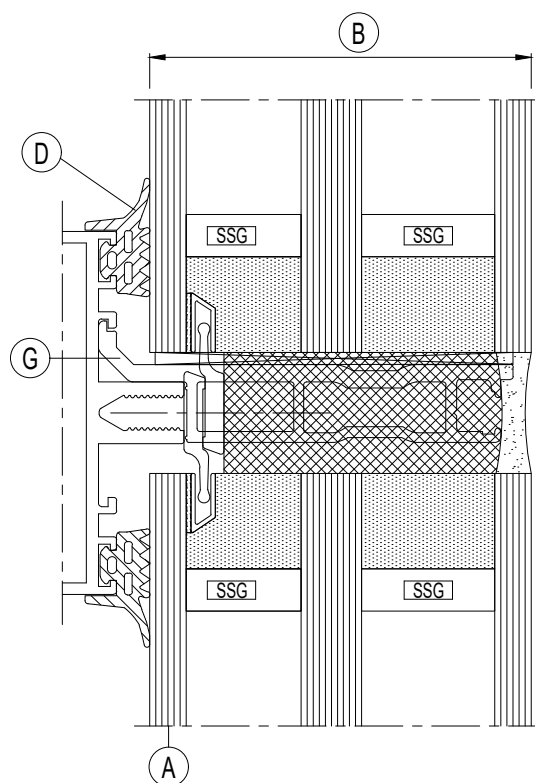
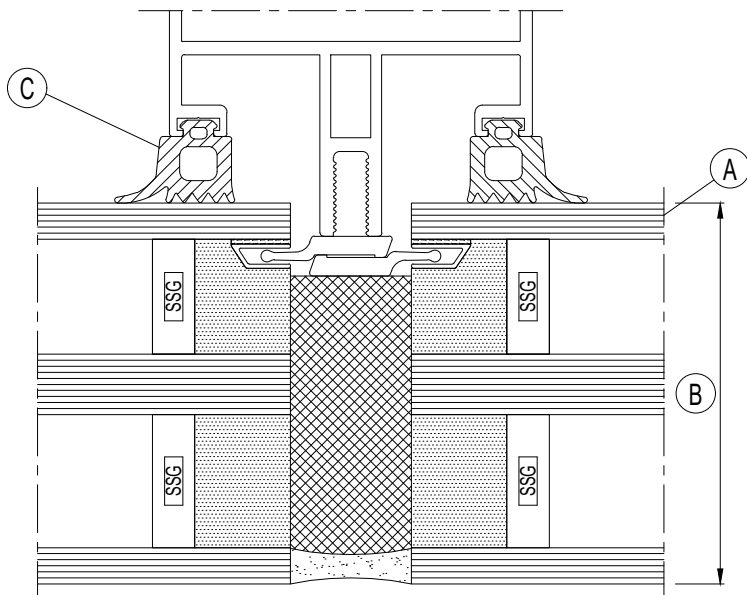
(A)	(B)	(C)	(L)	(M)	(N)
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	PROFIEL PROFILE PROFILE PROFIL	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG
6 mm	6 mm	15	034.0131.XX	080.9825.04	080.9820.04
6 mm	8 mm	15	034.0131.XX	080.9825.04	080.9820.04
6 mm	10 mm	15	034.0131.XX	080.9825.04	080.9820.04
8 mm	6 mm	15	034.0131.XX	080.9825.04	080.9820.04
8 mm	8 mm	15	034.0131.XX	080.9825.04	080.9820.04
8 mm	10 mm	15	034.0131.XX	080.9825.04	080.9820.04
10 mm	6 mm	15	034.0131.XX	080.9826.04	080.9821.04
10 mm	8 mm	15	034.0131.XX	080.9826.04	080.9821.04
10 mm	10 mm	15	034.0131.XX	080.9826.04	080.9821.04
6 mm	6 mm	18	034.0127.XX	080.9825.04	080.9820.04
6 mm	8 mm	18	034.0127.XX	080.9825.04	080.9820.04
6 mm	10 mm	18	034.0127.XX	080.9825.04	080.9820.04
8 mm	6 mm	18	034.0127.XX	080.9825.04	080.9820.04
8 mm	8 mm	18	034.0127.XX	080.9825.04	080.9820.04
8 mm	10 mm	18	034.0127.XX	080.9825.04	080.9820.04
10 mm	6 mm	18	034.0127.XX	080.9826.04	080.9821.04
10 mm	8 mm	18	034.0127.XX	080.9826.04	080.9821.04
10 mm	10 mm	18	034.0127.XX	080.9826.04	080.9821.04
6 mm	6 mm	20	034.0128.XX	080.9825.04	080.9820.04
6 mm	8 mm	20	034.0128.XX	080.9825.04	080.9820.04
6 mm	10 mm	20	034.0128.XX	080.9825.04	080.9820.04
8 mm	6 mm	20	034.0128.XX	080.9825.04	080.9820.04
8 mm	8 mm	20	034.0128.XX	080.9825.04	080.9820.04
8 mm	10 mm	20	034.0128.XX	080.9825.04	080.9820.04
10 mm	6 mm	20	034.0128.XX	080.9826.04	080.9821.04
10 mm	8 mm	20	034.0128.XX	080.9826.04	080.9821.04
10 mm	10 mm	20	034.0128.XX	080.9826.04	080.9821.04

[illegible]

ETAG
002

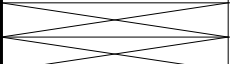
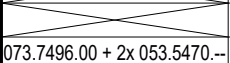
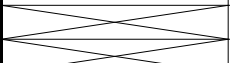
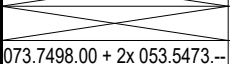
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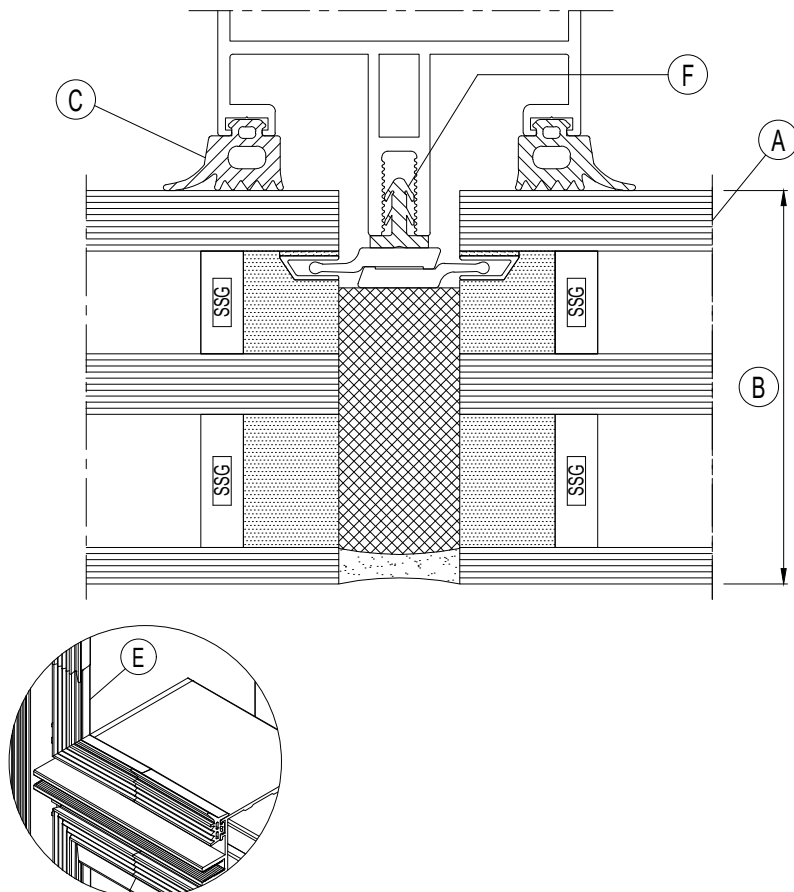
GLAS VERRE GLASS GLAS	AFSTAND DISTANCE GLASS ABSTAND	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG			BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG			VORMSTUK PIECE MOULEE MOULDING PIECE FORMSTUECK		
		(A) 6 mm	(A) 8/10 mm	(A) 12 mm	(A) 6 mm	(A) 8/10 mm	(A) 12 mm	(A) 6 mm	(A) 8/10 mm	(A) 12 mm
6/8/10/12 mm	42	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	43	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	44	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	45	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	46	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	47	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	48		080.9820.04	080.9820.04		080.9825.04	080.9825.04		080.9860.04	080.9860.04
6/8/10/12 mm	49		080.9820.04	080.9820.04		080.9825.04	080.9825.04		080.9860.04	080.9860.04
6/8/10/12 mm	50	080.9819.04	080.9819.04		080.9818.04	080.9818.04		080.9859.04	080.9859.04	
6/8/10/12 mm	51	080.9819.04	080.9819.04		080.9818.04	080.9818.04		080.9859.04	080.9859.04	
6/8/10/12 mm	52	080.9821.04	080.9819.04	080.9821.04	080.9826.04	080.9818.04	080.9826.04	080.9861.04	080.9859.04	080.9861.04
6/8/10/12 mm	53	080.9821.04	080.9819.04	080.9821.04	080.9826.04	080.9818.04	080.9826.04	080.9861.04	080.9859.04	080.9861.04
6/8/10/12 mm	54	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	55	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	56		080.9820.04	080.9820.04		080.9825.04	080.9825.04		080.9860.04	080.9860.04
6/8/10/12 mm	57		080.9820.04	080.9820.04		080.9825.04	080.9825.04		080.9860.04	080.9860.04
6/8/10/12 mm	58	080.9819.04	080.9819.04		080.9818.04	080.9818.04		080.9859.04	080.9859.04	
6/8/10/12 mm	59	080.9819.04	080.9819.04		080.9818.04	080.9818.04		080.9859.04	080.9859.04	
6/8/10/12 mm	60	080.9821.04	080.9819.04	080.9821.04	080.9826.04	080.9818.04	080.9826.04	080.9861.04	080.9859.04	080.9861.04
6/8/10/12 mm	61	080.9821.04	080.9819.04	080.9821.04	080.9826.04	080.9818.04	080.9826.04	080.9861.04	080.9859.04	080.9861.04
6/8/10/12 mm	62	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04
6/8/10/12 mm	63	080.9821.04	080.9820.04	080.9820.04	080.9826.04	080.9825.04	080.9825.04	080.9861.04	080.9860.04	080.9860.04



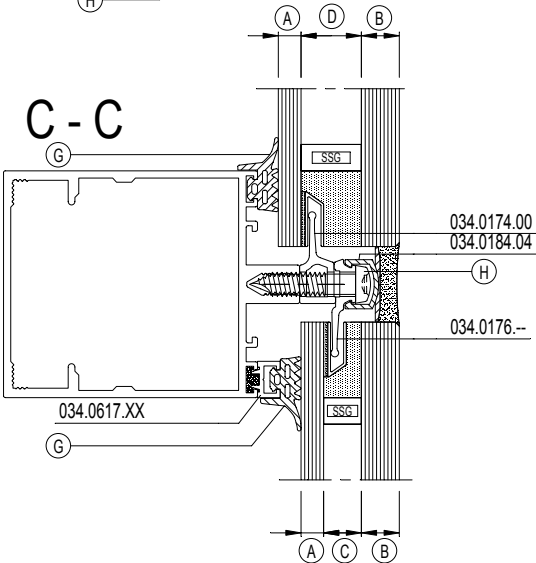
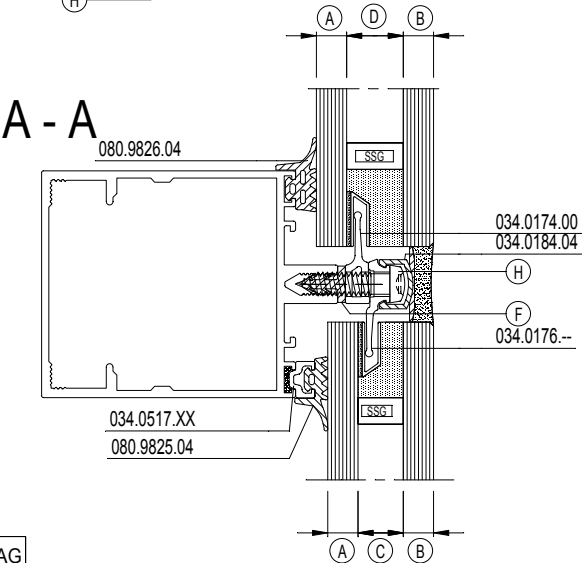
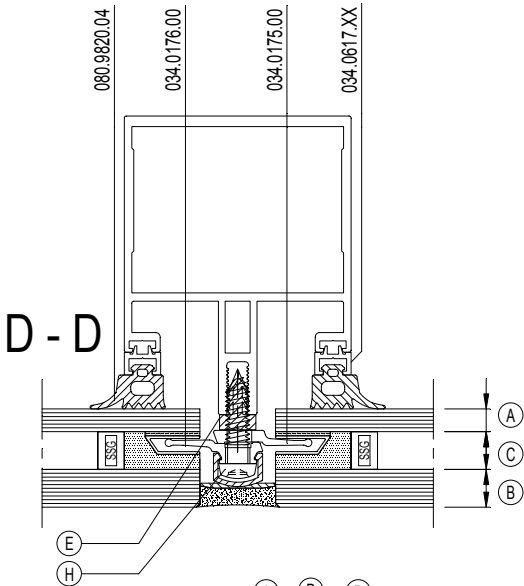
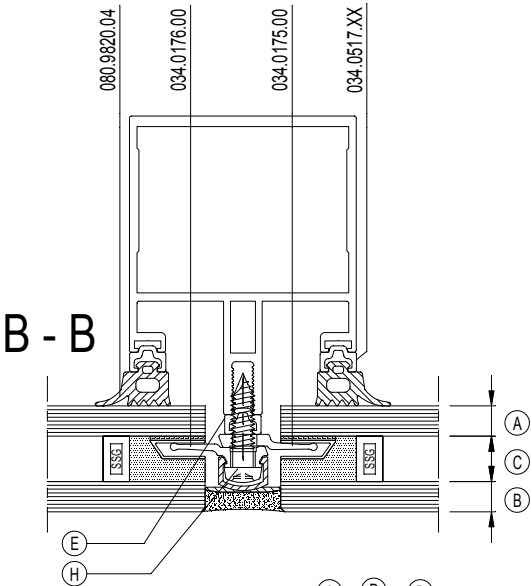
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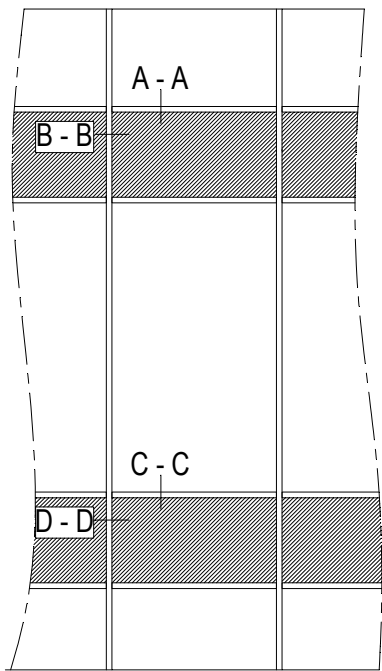
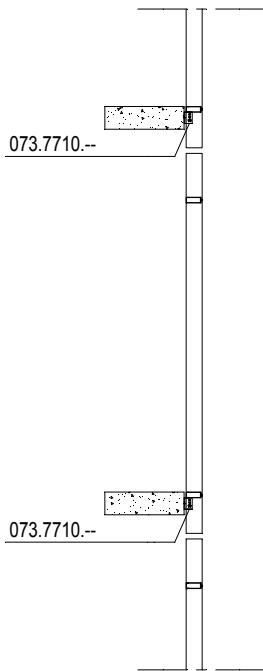
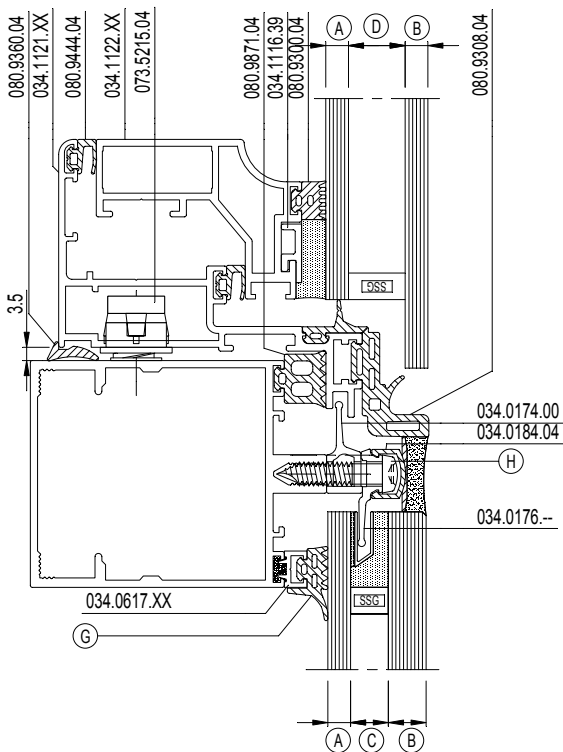
F				G			H		
SUPPORT GASKET JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG				GLASSTEUN SUPP. CALE DE VITR. GLASS SUPPORT GLASAUFLEGEPROFIL			SCHROEF VIS SCREW SCHRAUBE		
(A) 6 mm	(A) 8 mm	(A) 10 mm	(A) 12 mm	(A) 6 mm	(A) 8/10 mm	(A) 12 mm	(A) 6 mm	(A) 8 mm	(A) 10/12 mm
---	---	080.9270.04	080.9271.04	073.7493.00 + 2x 053.5466.--	073.7493.00 + 2x 053.5466.--	073.7493.00 + 2x 053.5466.--	053.5460.--	053.5460.--	053.5461.--
---	---	080.9270.04	080.9271.04	073.7493.00 + 2x 053.5466.--	073.7493.00 + 2x 053.5466.--	073.7493.00 + 2x 053.5466.--	053.5460.--	053.5460.--	053.5461.--
---	---	080.9270.04	080.9271.04	073.7494.00 + 2x 053.5468.--	073.7493.00 + 2x 053.5466.--	073.7493.00 + 2x 053.5466.--	053.5460.--	053.5460.--	053.5461.--
---	---	080.9270.04	080.9271.04	073.7494.00 + 2x 053.5468.--	073.7493.00 + 2x 053.5466.--	073.7493.00 + 2x 053.5466.--	053.5460.--	053.5460.--	053.5461.--
---	---	080.9270.04	080.9271.04	073.7494.00 + 2x 053.5468.--	073.7494.00 + 2x 053.5468.--	073.7494.00 + 2x 053.5468.--	053.5460.--	053.5460.--	053.5461.--
---	---	080.9270.04	080.9271.04	073.7494.00 + 2x 053.5468.--	073.7494.00 + 2x 053.5468.--	073.7494.00 + 2x 053.5468.--	053.5460.--	053.5460.--	053.5461.--
	---	080.9270.04	080.9271.04		073.7494.00 + 2x 053.5468.--	073.7494.00 + 2x 053.5468.--		053.5460.--	053.5461.--
	---	080.9270.04	080.9271.04		073.7494.00 + 2x 053.5468.--	073.7494.00 + 2x 053.5468.--		053.5460.--	053.5461.--
080.9270.04	080.9271.04	080.9272.04		073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--		053.5461.--	053.5461.--	053.5462.--
080.9270.04	080.9271.04	080.9272.04		073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--		053.5461.--	053.5461.--	053.5462.--
---	080.9271.04	080.9272.04	080.9272.04	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	053.5460.--	053.5461.--	053.5462.--
---	080.9271.04	080.9272.04	080.9272.04	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	053.5460.--	053.5461.--	053.5462.--
---	---	080.9270.04	080.9271.04	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	053.5460.--	053.5460.--	053.5461.--
---	---	080.9270.04	080.9271.04	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--	053.5460.--	053.5460.--	053.5461.--
	---	080.9270.04	080.9271.04		073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--		053.5460.--	053.5461.--
	---	080.9270.04	080.9271.04		073.7496.00 + 2x 053.5470.--	073.7496.00 + 2x 053.5470.--		053.5460.--	053.5461.--
080.9270.04	080.9271.04	080.9272.04		073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--		053.5461.--	053.5461.--	053.5462.--
080.9270.04	080.9271.04	080.9272.04		073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--		053.5461.--	053.5461.--	053.5462.--
---	080.9271.04	080.9272.04	080.9272.04	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	053.5460.--	053.5461.--	053.5462.--
---	080.9271.04	080.9272.04	080.9272.04	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	053.5460.--	053.5461.--	053.5462.--
---	---	080.9270.04	080.9271.04	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	053.5460.--	053.5460.--	053.5461.--
---	---	080.9270.04	080.9271.04	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	073.7498.00 + 2x 053.5473.--	053.5460.--	053.5460.--	053.5461.--

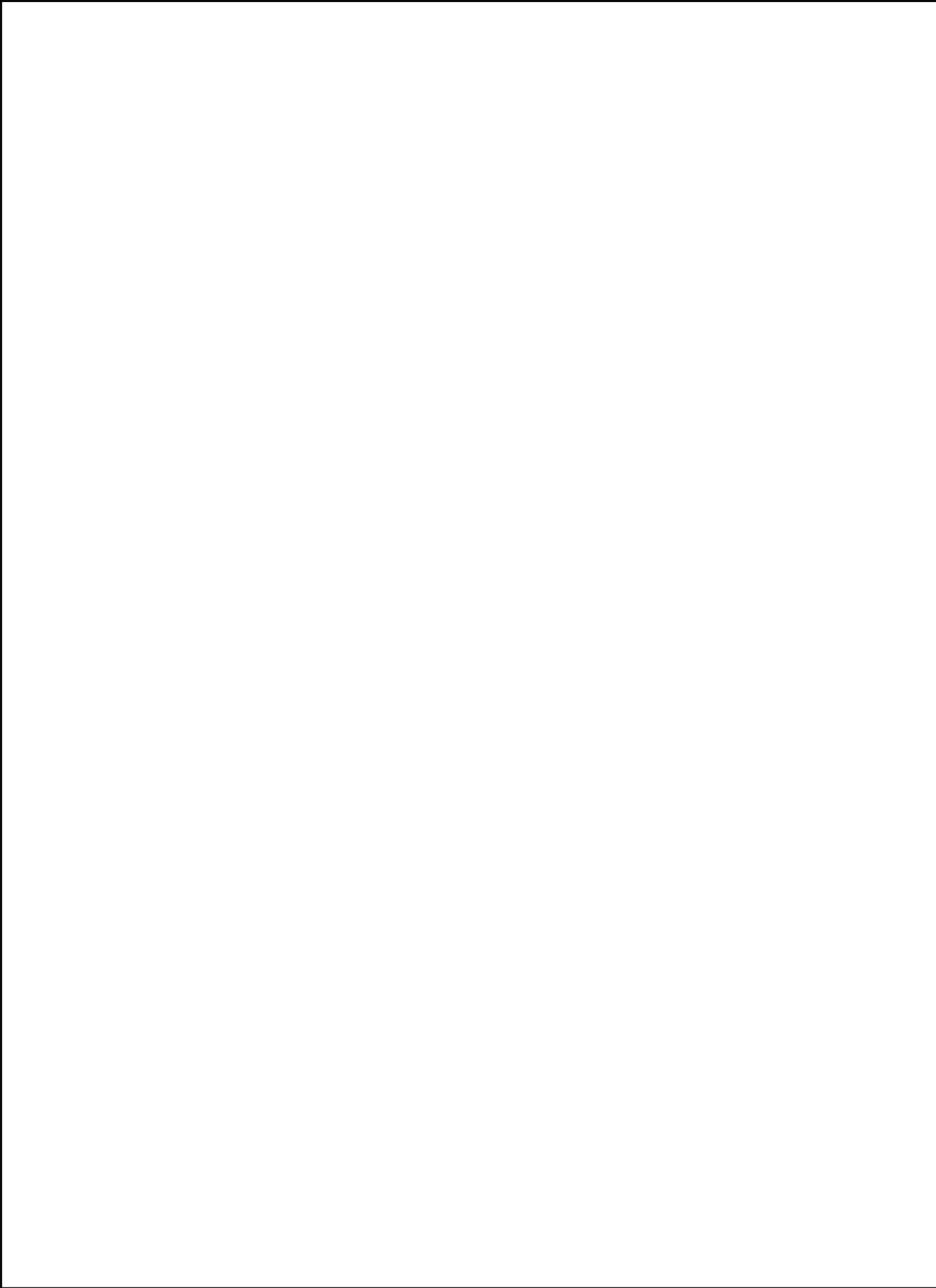


A	B	C	D	E
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	AFSTAND DISTANCE DISTANCE ABSTAND	COMPARTENTERINGSDICHTING JOINT DE NEZ COMPARTIMENTATION GASKET KOMPARTIMENTIERUNGSDICHTUNG
6 mm	8 mm	12	15	080.9271.04
8 mm	8 mm	12	15	034.0517.XX
10 mm	8 mm	12	15	080.9519.04
6 mm	10 mm	12	15	080.9271.04
8 mm	10 mm	12	15	034.0517.XX
10 mm	10 mm	12	15	080.9519.04
6 mm	8 mm	10	16	080.9271.04
8 mm	8 mm	10	16	034.0617.XX
10 mm	8 mm	10	16	034.0514.XX
6 mm	10 mm	10	16	080.9271.04
8 mm	10 mm	10	16	034.0617.XX
10 mm	10 mm	10	16	034.0514.XX



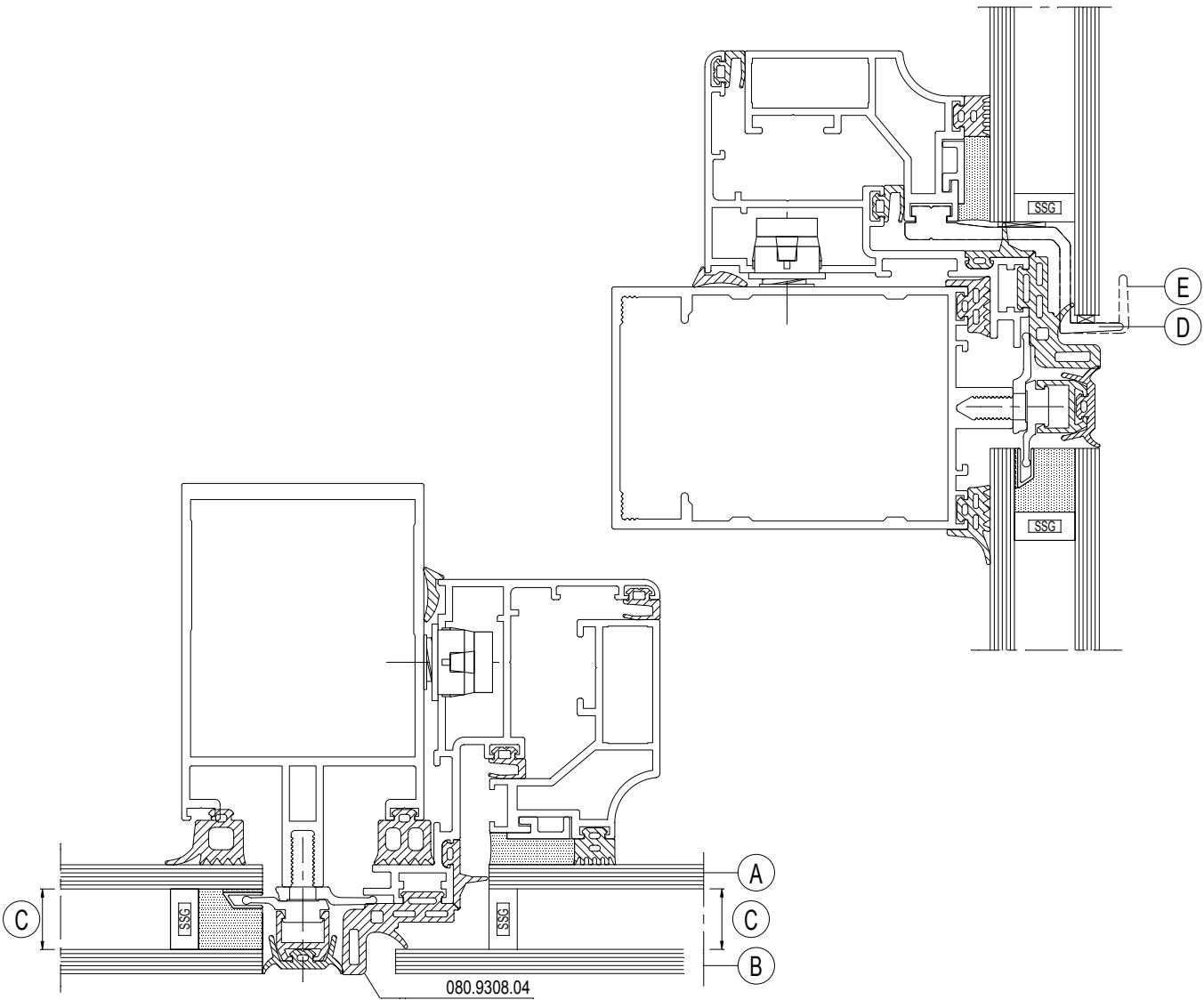
F	G	H
COMPARTIMERINGSDICHTING JOINT DE NEZ COMPARTIMENTATION GASKET KOMPARTIMENTIERUNGSDICHTUNG	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	SCHROEF VIS SCREW SCHRAUBE
---	---	053.5462.--
080.9270.04	---	053.5462.--
080.9271.04	---	053.5463.--
---	---	053.5462.--
080.9270.04	---	053.5462.--
080.9271.04	---	053.5463.--
---	080.9826.04	053.5462.--
---	080.9825.04	053.5463.--
080.9270.04	080.9825.04	053.5463.--
---	080.9826.04	053.5462.--
---	080.9825.04	053.5463.--
080.9270.04	080.9825.04	053.5463.--



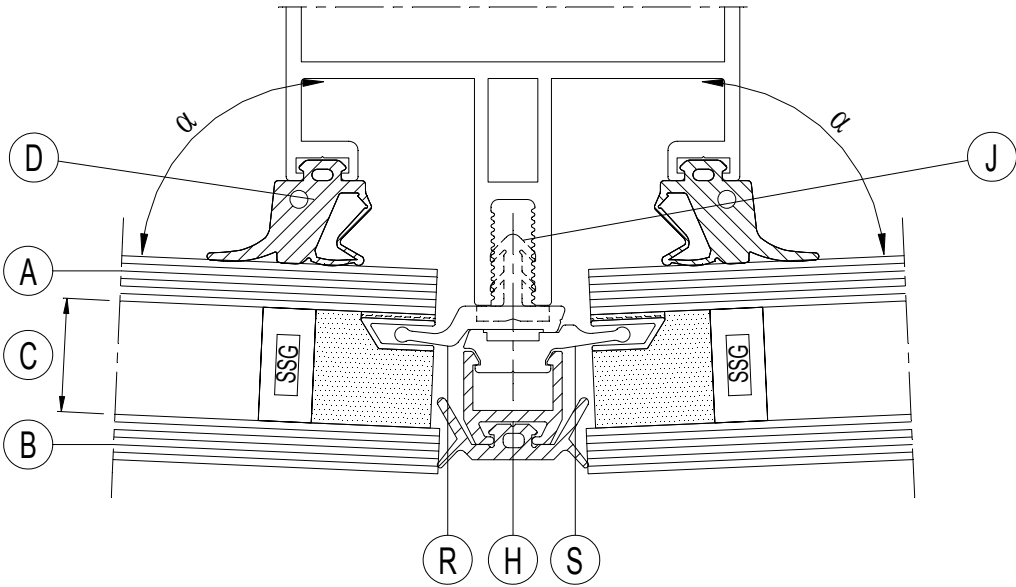


F

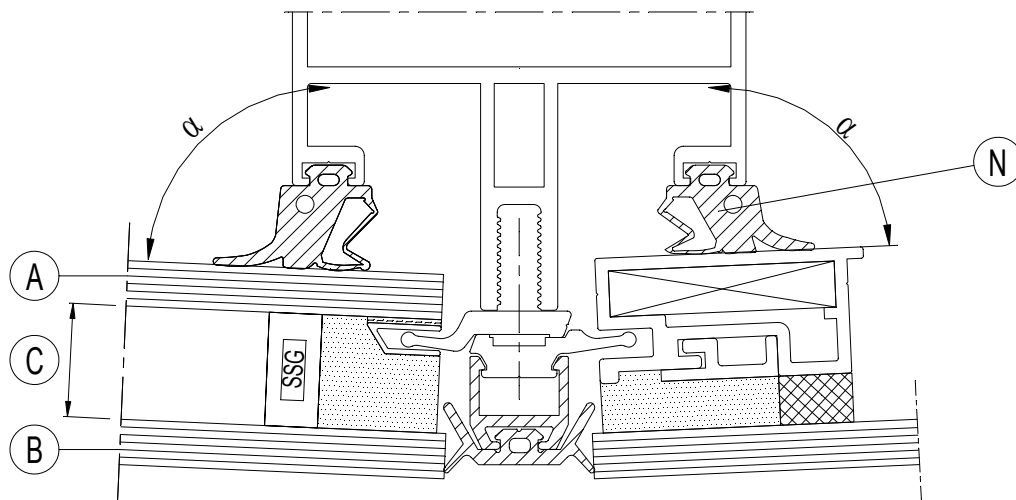
A	B	C	D	E
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL
6 mm	6 mm	15	073.7180.39	073.7184.39
6 mm	8 mm	15	073.7180.39	073.7184.39
6 mm	10 mm	15	073.7182.39	073.7186.39
6 mm	6 mm	18	073.7180.39	073.7184.39
6 mm	8 mm	18	073.7182.39	073.7186.39
6 mm	10 mm	18	073.7182.39	073.7186.39



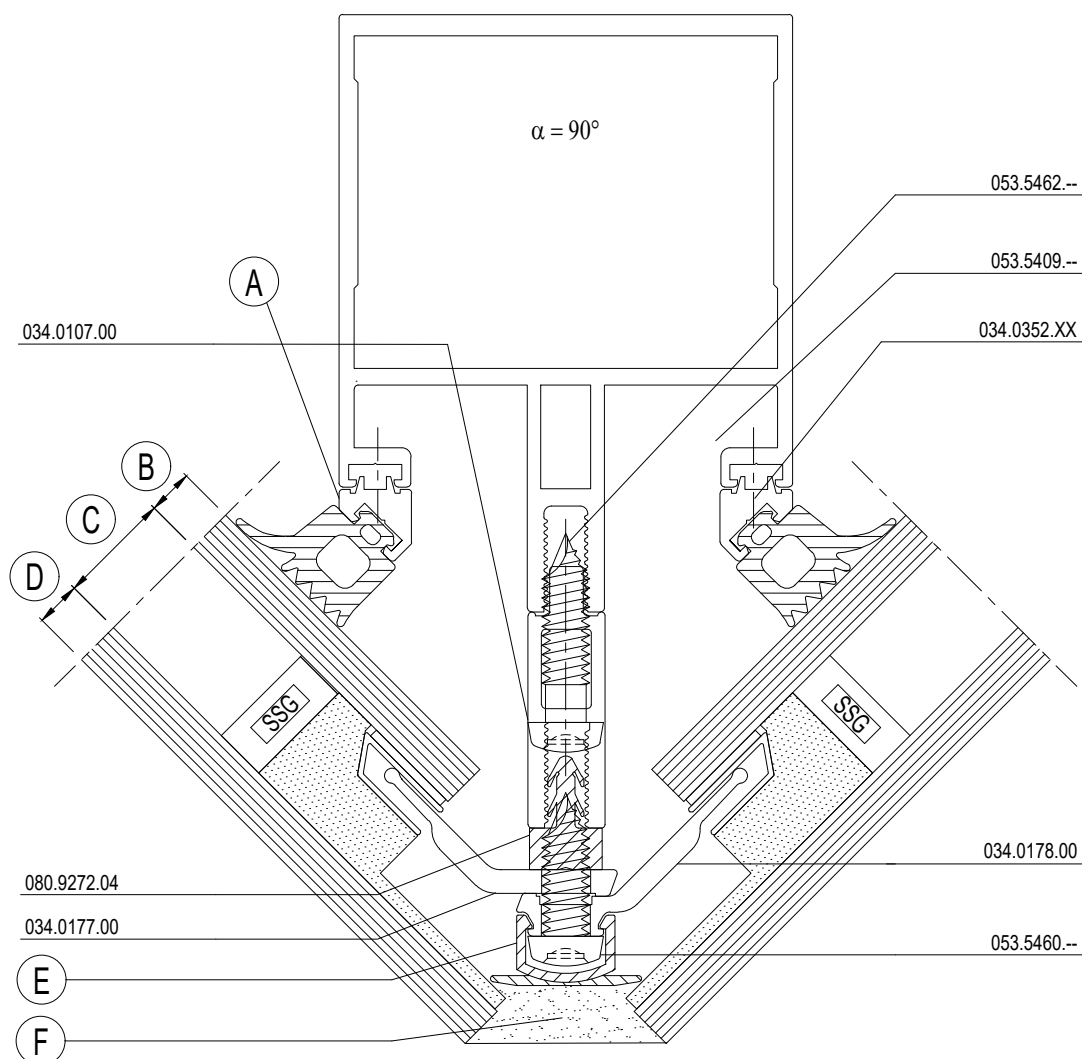
A	B	C		D	N
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	α	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG
6 mm	6/8/10mm	15/18/20	2°30'	080.9823.04+080.9868.04	080.9822.04+080.9867.04
8 mm	6/8/10mm	15/18/20		080.9822.04+080.9867.04	080.9822.04+080.9867.04
10 mm	6/8/10mm	15/18/20		080.9822.04+080.9867.04	080.9823.04+080.9868.04
6 mm	6/8/10mm	15/18/20	5°	080.9823.04+080.9868.04	080.9822.04+080.9867.04
8 mm	6/8/10mm	15/18/20		080.9822.04+080.9867.04	080.9822.04+080.9867.04
10 mm	6/8/10mm	15/18/20		080.9822.04+080.9867.04	080.9823.04+080.9868.04
6 mm	6/8/10mm	15/18/20	7°30'	080.9823.04+080.9868.04	080.9822.04+080.9867.04
8 mm	6/8/10mm	15/18/20		080.9822.04+080.9867.04	080.9822.04+080.9867.04
10 mm	6/8/10mm	15/18/20		080.9822.04+080.9867.04	080.9823.04+080.9868.04



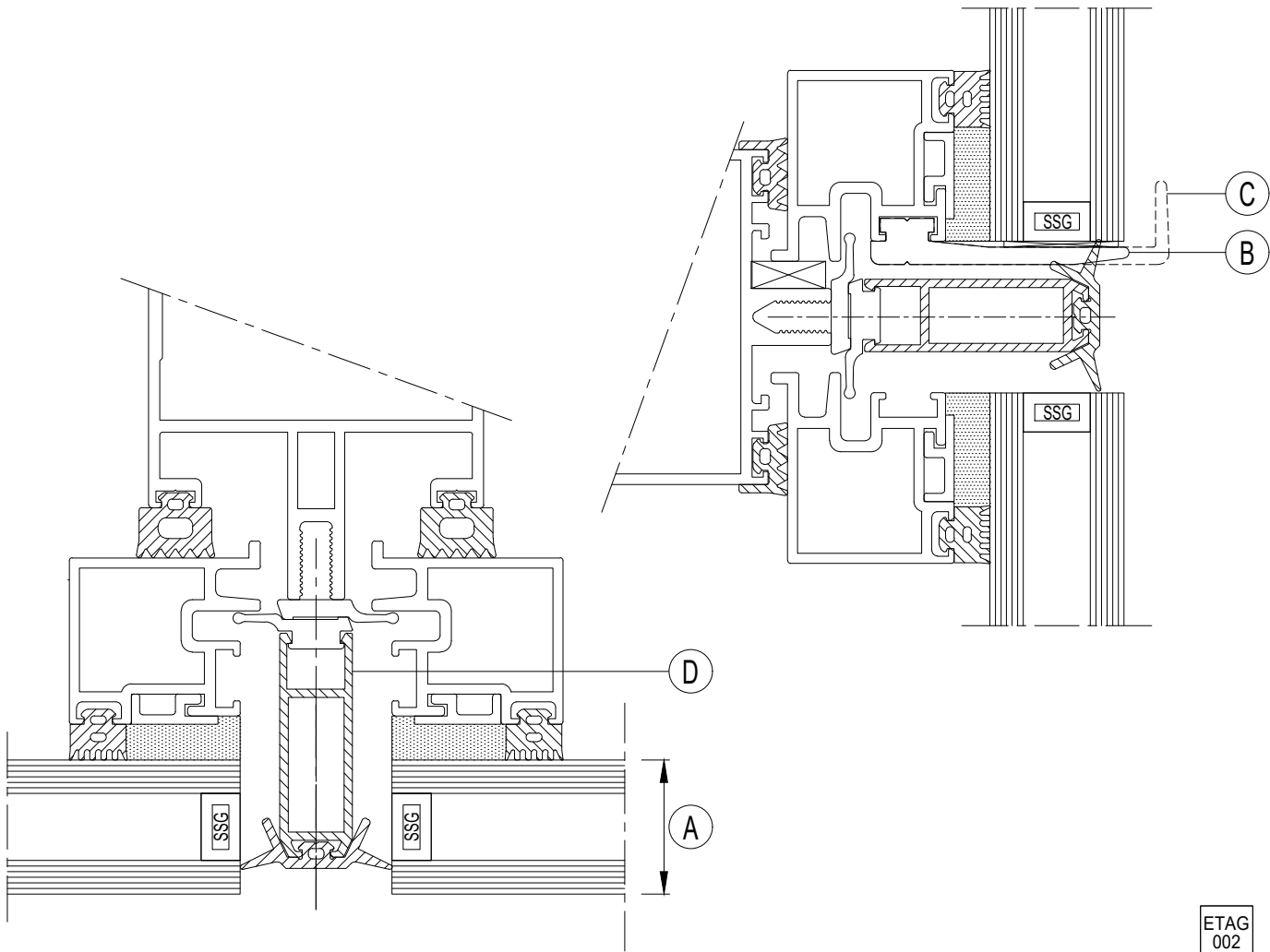
(H)	(J)	(R)	(S)
KLIPSPROFIEL CLIP CLIP PROFILE ABDECKPROFIL	COMPARTIMENTERINGSDICHTING JOINT DE NEZ COMPARTIMENTATION GASKET KOMPARTIMENTIERUNGSDICHTUNG	PROFIEL PROFILE PROFILE PROFIL	PROFIEL PROFILE PROFILE PROFIL
034.1180.04	---	034.0143.00	034.0146.00
034.1180.04	---	034.0143.00	034.0146.00
034.1181.04	080.9270.04	034.0143.00	034.0146.00
034.1180.04	---	034.0144.00	034.0147.00
034.1180.04	---	034.0144.00	034.0147.00
034.1181.04	080.9270.04	034.0144.00	034.0147.00
034.1180.04	---	034.0145.00	034.0148.00
034.1180.04	---	034.0145.00	034.0148.00
034.1181.04	080.9270.04	034.0145.00	034.0148.00



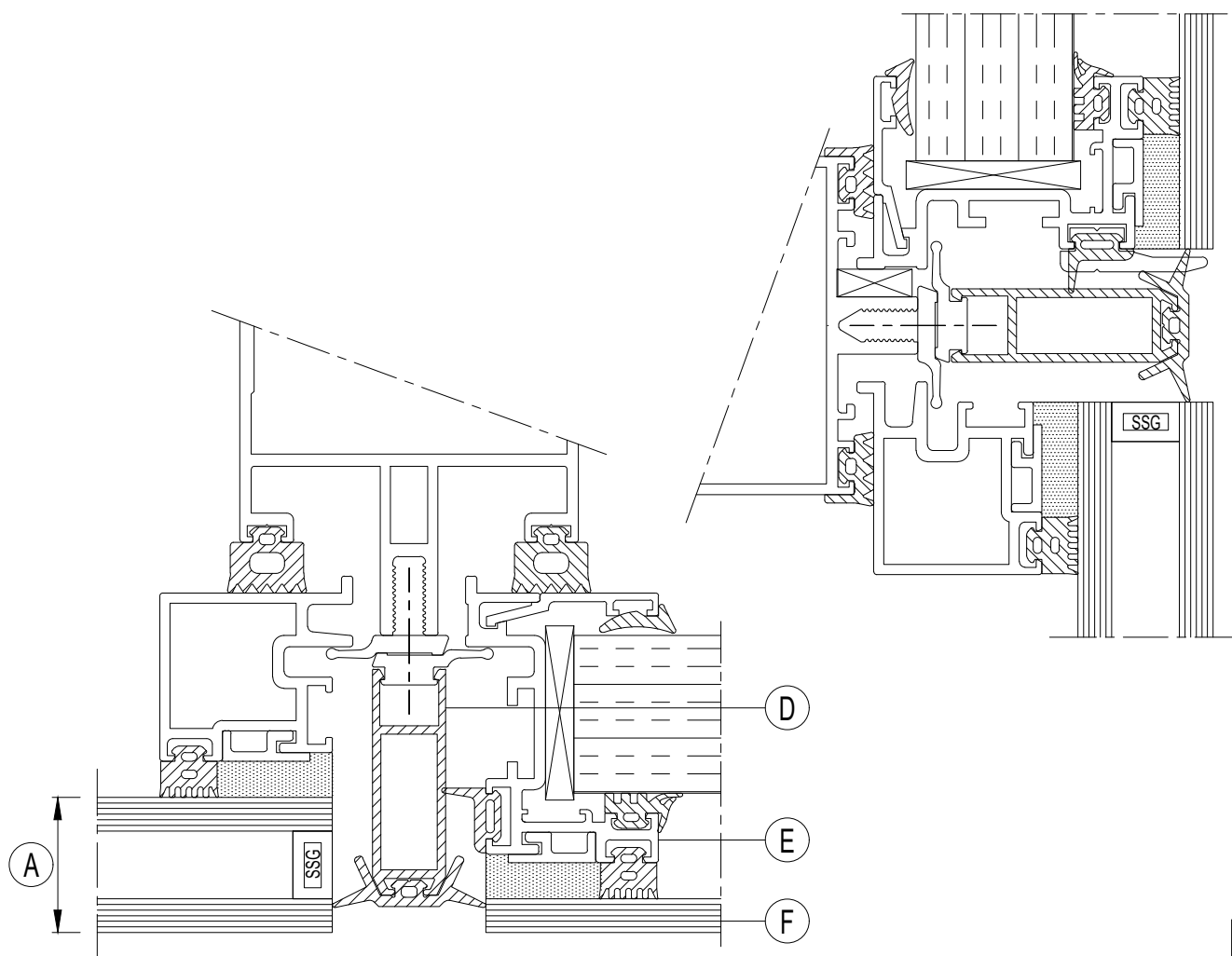
A	B	D	C	E	F
BEGLAZINGSDICHTING JOIN DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	AFSTAND DISTANCE DISTANCE ABSTAND	AFDICHTINGSPROFIEL PROFILE D'ETANCHEITE SEALING PROFILE ABDICHTUNGSPROFIL	DICHTING JOIN GASKET DICHTUNG
080.9821.04	6 mm	6 mm	15	034.0184.04	---
080.9821.04	6 mm	8 mm	15	034.0184.04	---
080.9821.04	6 mm	10 mm	15	034.0184.04	---
080.9820.04	8 mm	6 mm	15	034.0184.04	---
080.9820.04	8 mm	8 mm	15	034.0184.04	---
080.9820.04	8 mm	10 mm	15	034.0184.04	---
080.9820.04	6 mm	6 mm	18	034.1180.04	080.9937.04
080.9820.04	6 mm	8 mm	18	034.1180.04	080.9937.04
080.9820.04	6 mm	10 mm	18	034.1180.04	080.9937.04
080.9820.04	8 mm	6 mm	18	034.1180.04	080.9937.04
080.9820.04	8 mm	8 mm	18	034.1180.04	080.9937.04
080.9820.04	8 mm	10 mm	18	034.1180.04	080.9937.04
080.9820.04	6 mm	6 mm	20	034.1181.04	080.9937.04
080.9820.04	6 mm	6 mm	20	034.1181.04	080.9937.04
080.9820.04	6 mm	6 mm	20	034.1181.04	080.9937.04
080.9820.04	6 mm	6 mm	20	034.1181.04	080.9937.04
080.9820.04	8 mm	10 mm	20	034.1181.04	080.9937.04



A	B	C	D
GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	KLIPSPROFIEL CLIP CLIP PROFILE ABDECKPROFIL
24mm	073.7290.00	073.7280.39	034.0170.04
25mm	073.7290.00	073.7280.39	034.0170.04
26mm	073.7290.00	073.7280.39	034.0170.04
27mm	073.7290.00	073.7280.39	034.0170.04
28mm	073.7291.00	073.7282.39	034.0170.04
29mm	073.7291.00	073.7282.39	034.0170.04
30mm	073.7291.00	073.7282.39	034.0170.04
31mm	073.7291.00	073.7282.39	034.0170.04
32mm	073.7291.00	073.7282.39	034.0171.04
33mm	073.7292.00	073.7282.39	034.0171.04
34mm	073.7292.00	073.7282.39	034.0171.04
35mm	073.7292.00	073.7284.39	034.0171.04
36mm	073.7292.00	073.7284.39	034.0171.04



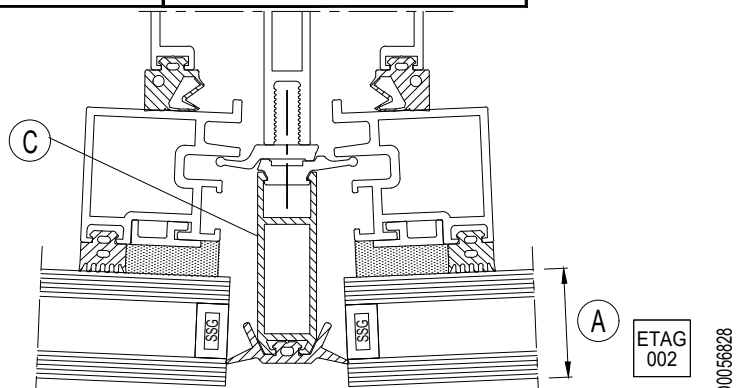
(A)	(E)	(F)
GLAS VERRE GLASS GLAS	PROFIEL PROFILE PROFILE PROFIL	GLAS VERRE GLASS GLAS
24mm	034.0165.XX	6mm
25mm	034.0165.XX	6mm
26mm	034.0165.XX	8mm
27mm	034.0166.XX	6mm
28mm	034.0166.XX	6mm
29mm	034.0166.XX	8mm
30mm	034.0166.XX	10mm
31mm	034.0167.XX	5mm
32mm	034.0167.XX	6mm
33mm	034.0167.XX	6mm
34mm	034.0167.XX	8mm
35mm	034.0167.XX	8mm
36mm	034.0167.XX	10mm



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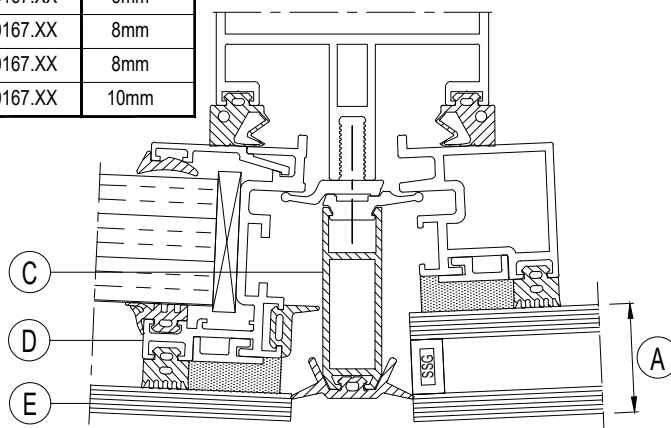
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A		C		F		G	
GLAS VERRE GLASS GLAS	α	KLIPSPROFIEL CLIP CLIP PROFILE ABDECKPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL
24mm	2°30'	034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
25mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
26mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
27mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
28mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
29mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
30mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
31mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
32mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
33mm		034.0171.04	073.7292.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
34mm		034.0171.04	073.7292.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
35mm		034.0171.04	073.7292.00	073.7284.00	073.7284.00	073.7284.00	073.7284.00
36mm		034.0171.04	073.7292.00	073.7284.00	073.7284.00	073.7284.00	073.7284.00
24mm	5°	034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
25mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
26mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
27mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
28mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
29mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
30mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
31mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
32mm		034.0171.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
33mm		034.0171.04	073.7292.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
34mm		034.0171.04	073.7292.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
35mm		034.0171.04	073.7292.00	073.7284.00	073.7284.00	073.7284.00	073.7284.00
36mm		034.0171.04	073.7292.00	073.7284.00	073.7284.00	073.7284.00	073.7284.00
24mm	7°30'	034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
25mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
26mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
27mm		034.0170.04	073.7290.00	073.7280.00	073.7280.00	073.7280.00	073.7280.00
28mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
29mm		034.0170.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
30mm		034.0171.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
31mm		034.0171.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
32mm		034.0171.04	073.7291.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
33mm		034.0171.04	073.7292.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
34mm		034.0171.04	073.7292.00	073.7282.00	073.7282.00	073.7282.00	073.7282.00
35mm		034.0171.04	073.7292.00	073.7284.00	073.7284.00	073.7284.00	073.7284.00
36mm		034.0171.04	073.7292.00	073.7284.00	073.7284.00	073.7284.00	073.7284.00


 ETAG
002

D0056628

(A)		(C)	(D)	(E)
GLAS VERRE GLASS GLAS	α	KLIPSPROFIEL CLIP CLIP PROFILE ABDECKPROFIL	PROFIEL PROFILE PROFILE PROFIL	GLAS VERRE GLASS GLAS
24mm	2°30'	034.0170.04	034.0165.XX	6mm
25mm		034.0170.04	034.0165.XX	6mm
26mm		034.0170.04	034.0165.XX	8mm
27mm		034.0170.04	034.0166.XX	6mm
28mm		034.0170.04	034.0166.XX	6mm
29mm		034.0170.04	034.0166.XX	8mm
30mm		034.0170.04	034.0166.XX	10mm
31mm		034.0170.04	034.0167.XX	5mm
32mm		034.0171.04	034.0167.XX	6mm
33mm		034.0171.04	034.0167.XX	6mm
34mm		034.0171.04	034.0167.XX	8mm
35mm		034.0171.04	034.0167.XX	8mm
36mm		034.0171.04	034.0167.XX	10mm
24mm	5°	034.0170.04	034.0165.XX	6mm
25mm		034.0170.04	034.0165.XX	6mm
26mm		034.0170.04	034.0165.XX	8mm
27mm		034.0170.04	034.0166.XX	6mm
28mm		034.0170.04	034.0166.XX	6mm
29mm		034.0170.04	034.0166.XX	8mm
30mm		034.0170.04	034.0166.XX	10mm
31mm		034.0170.04	034.0166.XX	10mm
32mm		034.0171.04	034.0167.XX	6mm
33mm		034.0171.04	034.0167.XX	6mm
34mm		034.0171.04	034.0167.XX	8mm
35mm		034.0171.04	034.0167.XX	8mm
36mm		034.0171.04	034.0167.XX	10mm
24mm	7°30'	034.0170.04	034.0165.XX	6mm
25mm		034.0170.04	034.0165.XX	6mm
26mm		034.0170.04	034.0165.XX	8mm
27mm		034.0171.04	034.0165.XX	6mm
28mm		034.0171.04	034.0166.XX	6mm
29mm		034.0171.04	034.0166.XX	8mm
30mm		034.0171.04	034.0167.XX	6mm
31mm		034.0171.04	034.0167.XX	6mm
32mm		034.0171.04	034.0167.XX	6mm
33mm		034.0171.04	034.0167.XX	6mm
34mm		034.0171.04	034.0167.XX	8mm
35mm		034.0171.04	034.0167.XX	8mm
36mm		034.0171.04	034.0167.XX	10mm



ETAG
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D0056628

CW 60-SG

BEGLAZINGSTABEL-SG BUITENHOEK
TABLEAU DE VITRAGE-SG COIN EXTERIEUR
GLAZING TABLE-SG OUTER CORNER
VERGLASUNGSTABELLE-SG AUSSENECKE



G

R

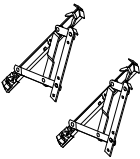
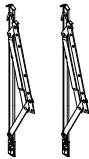
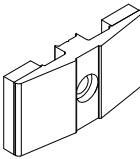
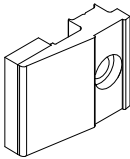
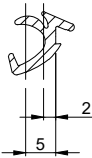
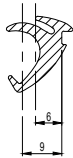
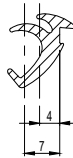
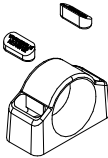
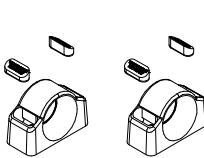
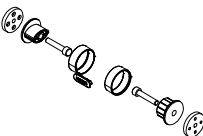
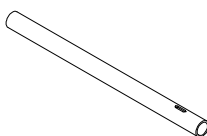
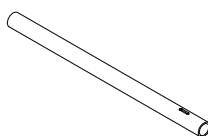
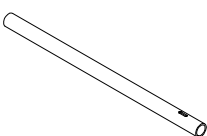
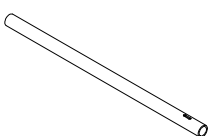
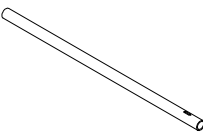
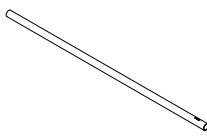
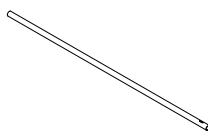
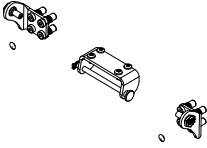
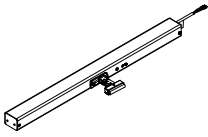
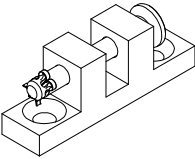
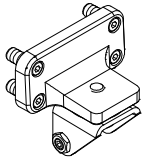
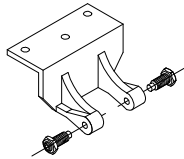
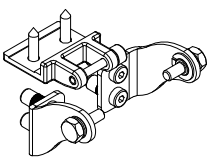
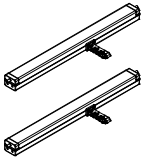
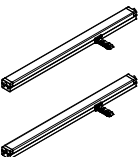
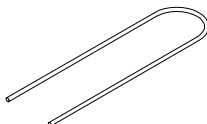
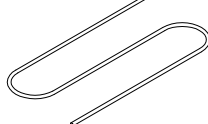
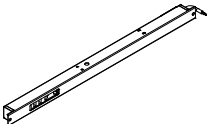
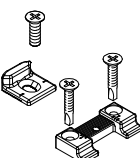
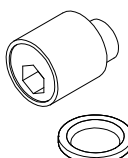
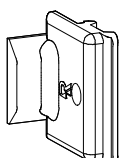
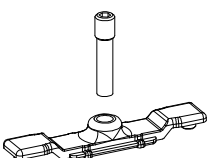
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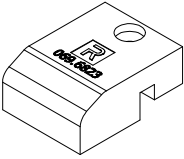
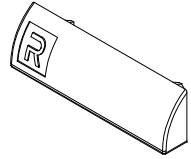
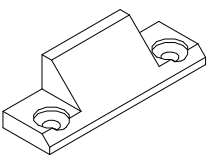
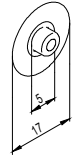
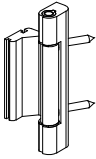
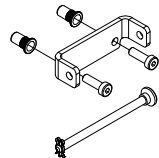
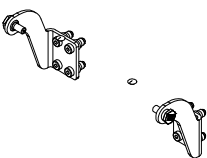
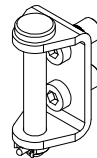
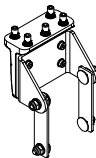
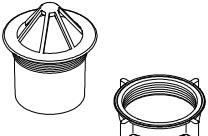
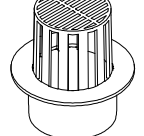
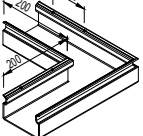
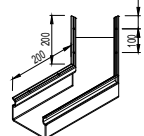
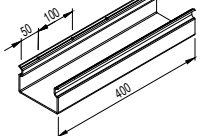
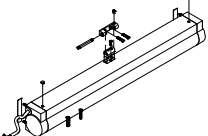
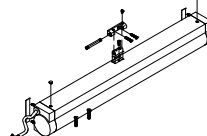
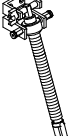
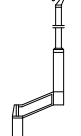
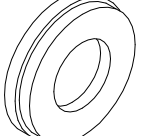
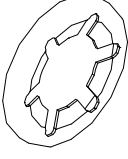
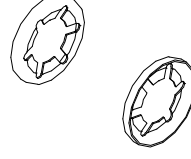
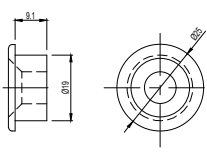
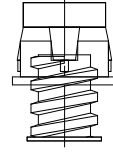
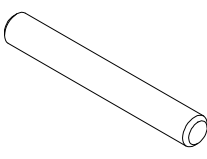
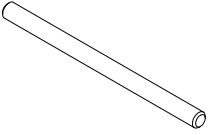
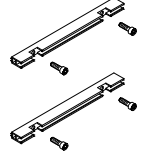
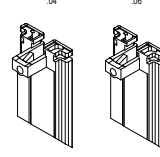
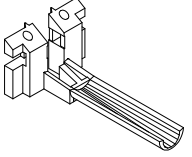
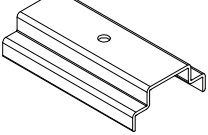
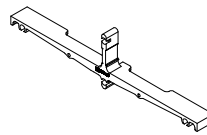
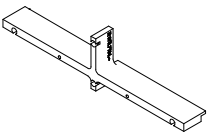
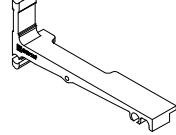
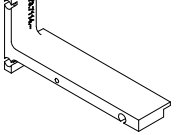
Toebehoren
Accessoires
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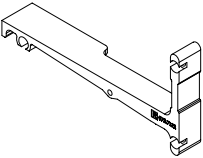
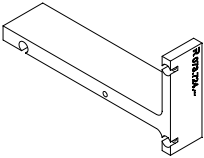
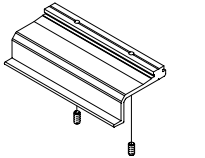
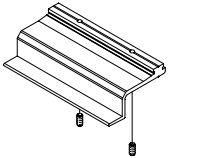
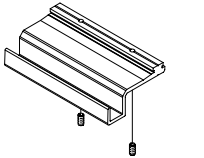
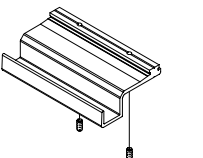
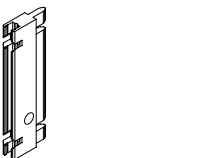
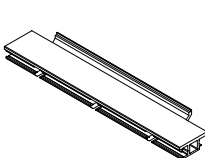
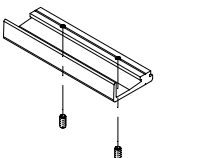
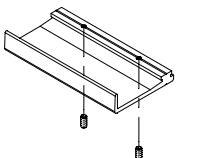
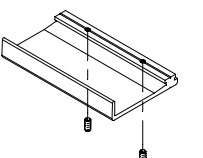
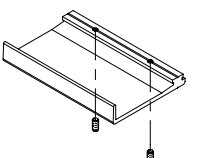
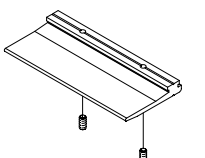
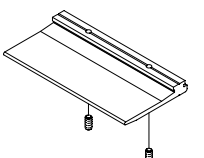
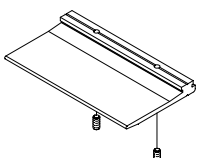
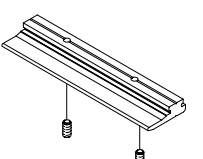
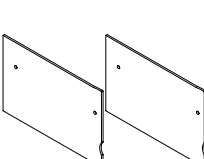
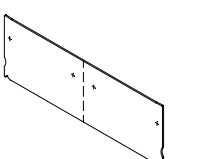
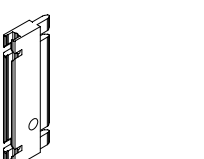
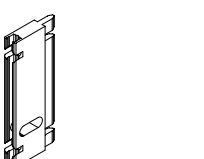
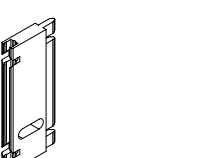
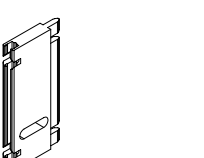
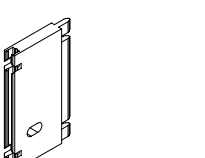
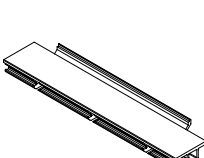
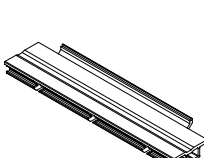
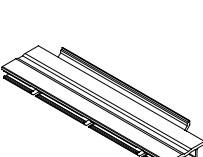
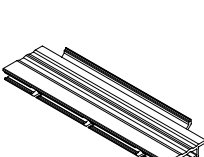
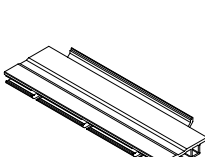
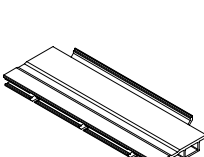
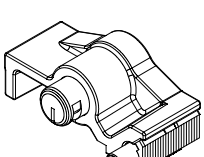
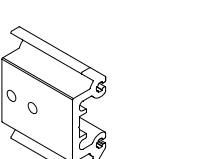
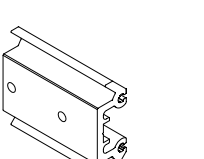
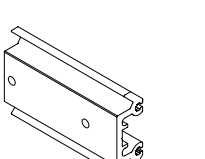
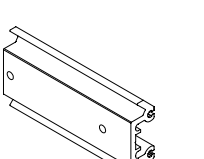
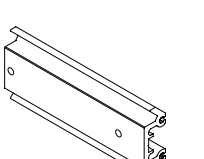
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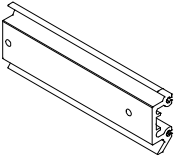
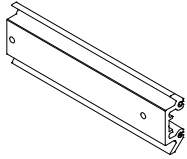
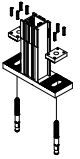
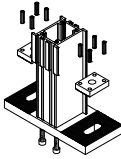
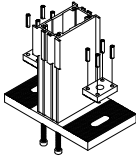
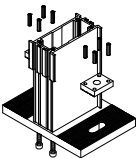
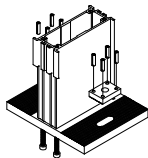
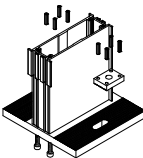
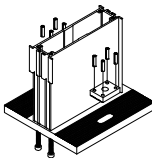
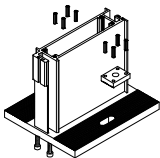
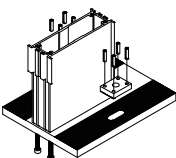
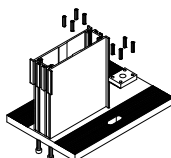
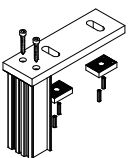
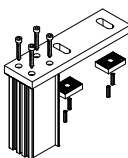
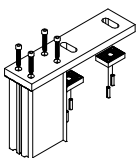
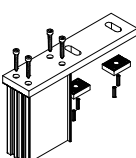
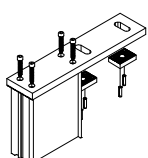
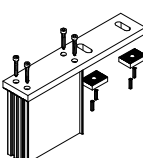
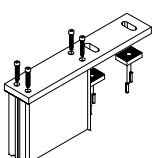
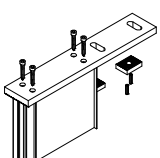
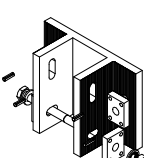
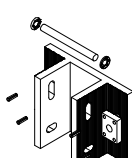
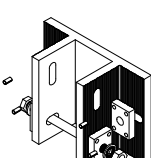
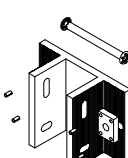
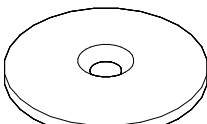
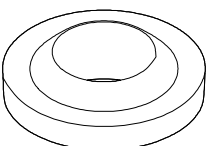
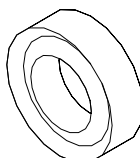
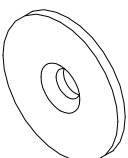
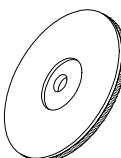
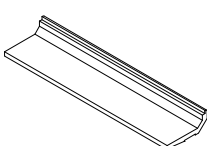
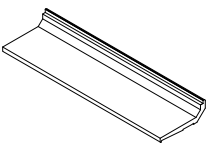
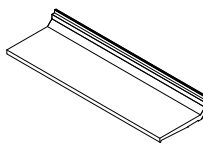
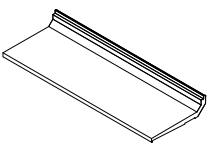
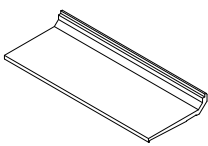
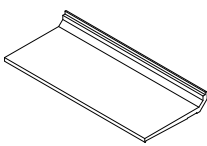
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Art. N°			Art. N°		
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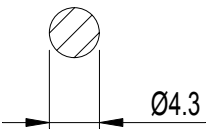
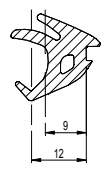
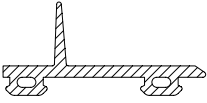
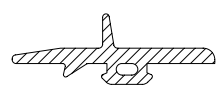
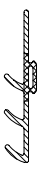
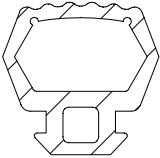
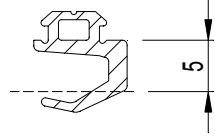
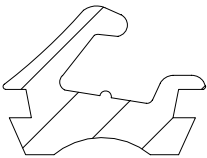
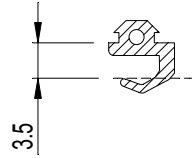
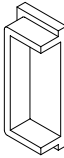
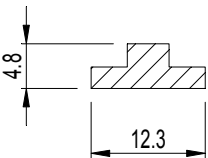
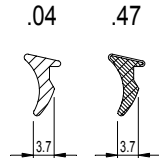
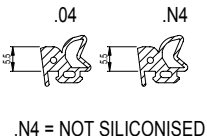
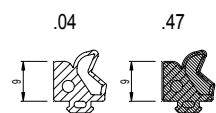
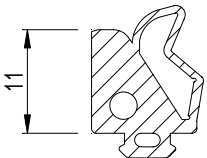
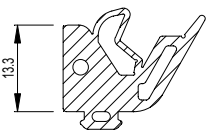
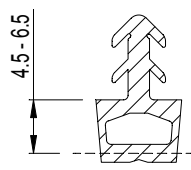
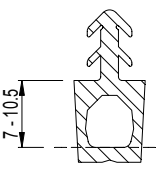
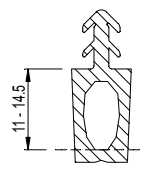
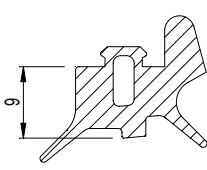
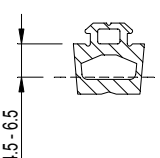
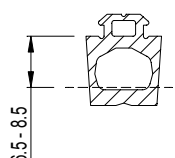
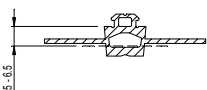
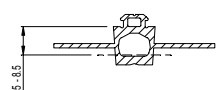
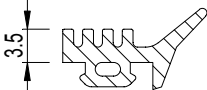
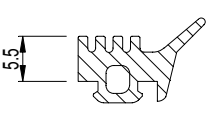
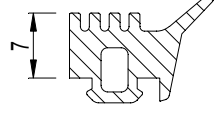
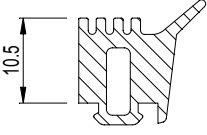
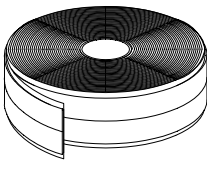
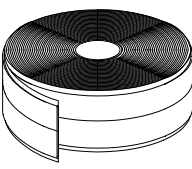
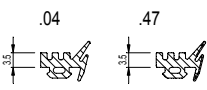
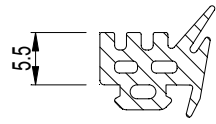
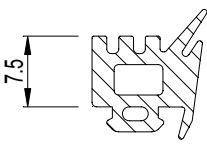
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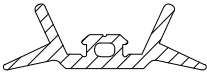
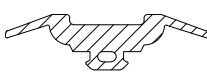
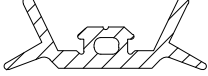
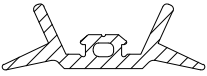
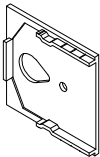
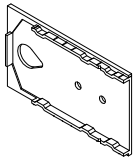
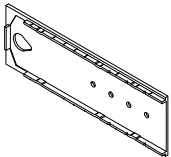
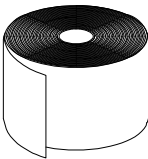
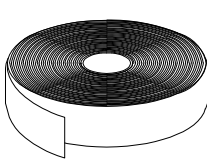
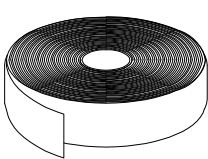
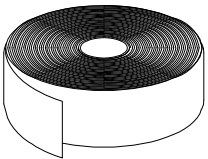
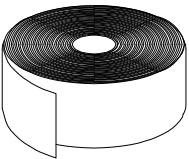
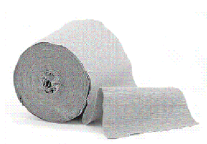
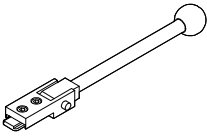
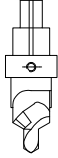
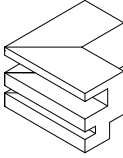
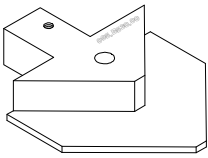
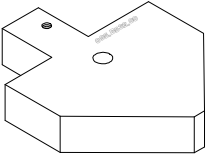
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073.7493.00 (52.G.020) 	073.7494.00 (52.G.020) 	073.7496.00 (52.G.021) 	073.7498.00 (52.G.021) 	073.7505.00 (52.G.014) 
073.7510.00 (52.G.012) 	073.7511.00 (52.G.012) 	073.7512.00 (52.G.012) 	073.7513.00 (52.G.012) 	073.7514.00 (52.G.012) 

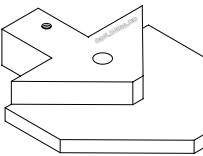
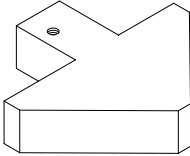
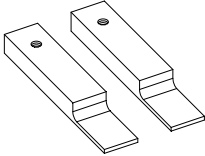
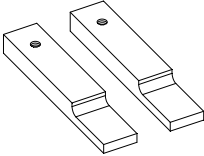
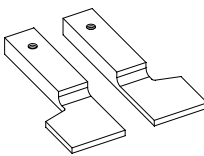
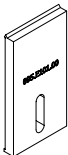
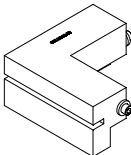
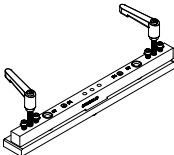
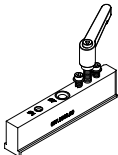
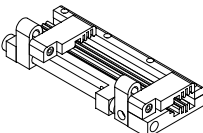
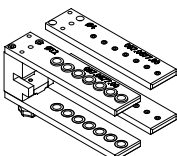
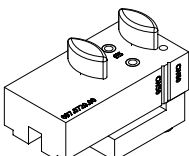
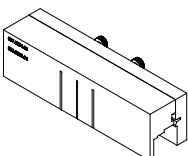
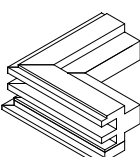
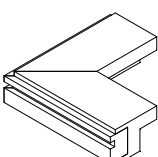
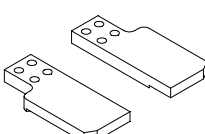
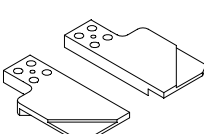
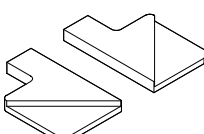
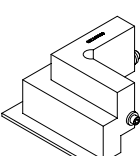
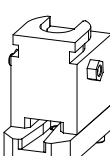
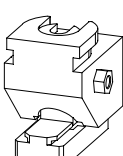
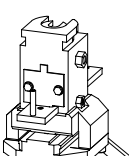
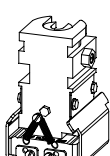
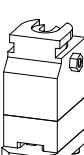
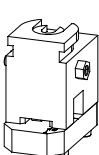
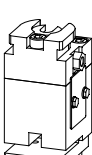
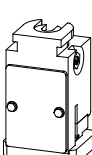
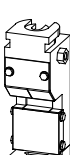
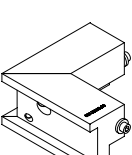
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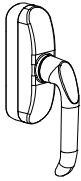
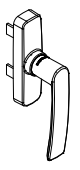
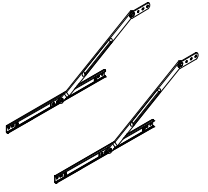
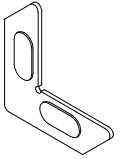
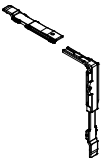
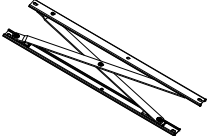
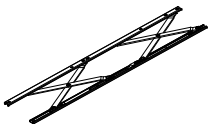
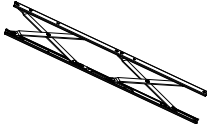
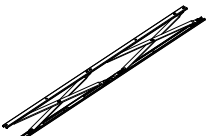
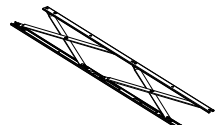
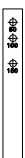
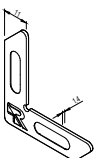
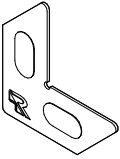
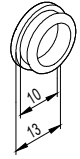
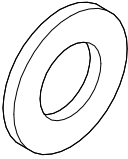
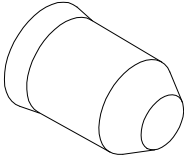
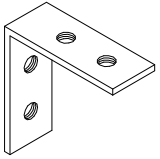
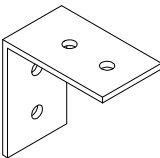
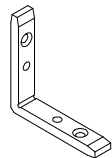
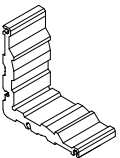
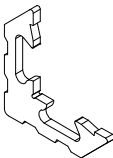
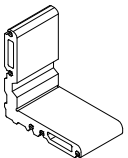
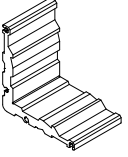
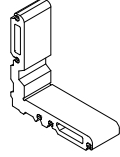
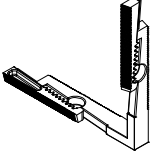
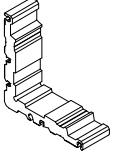
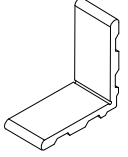
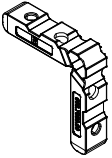
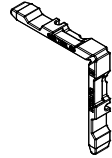
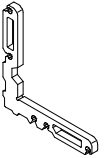
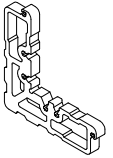
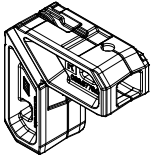
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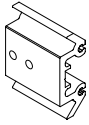
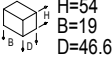
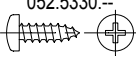
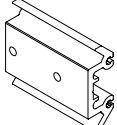
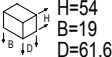
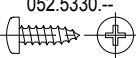
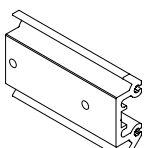
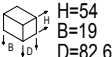
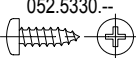
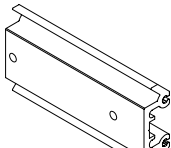
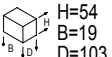
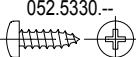
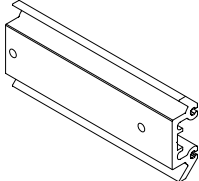
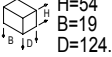
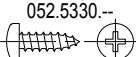
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080.9430.04 (52.G.052)	080.9444.04 (52.G.045)	080.9445.04 (52.G.052)	080.9446.04 (52.G.045)	080.9487.04 (52.G.015)
				
080.9503.04 (52.G.051)	080.9505.SY (52.G.015)	080.9509.SY (52.G.028)	080.9514.SY (52.G.030)	080.9515.04 (52.G.030)
				
080.9516.04 (52.G.032)	080.9518.04 (52.G.041)	080.9519.04 (52.G.041)	080.9520.04 (52.G.041)	080.9521.04 (52.G.034)
				
080.9522.04 (52.G.041)	080.9523.04 (52.G.041)	080.9524.04 (52.G.042)	080.9525.04 (52.G.042)	080.9540.04 (52.G.028)
				
080.9542.04 (52.G.029)	080.9543.04 (52.G.029)	080.9544.04 (52.G.029)	080.9708.04 (52.G.015)	080.9710.04 (52.G.107)
				
080.9711.04 (52.G.107)	080.9712.04 (52.G.107)	080.9740.SY (52.G.028)	080.9741.04 (52.G.029)	080.9742.04 (52.G.029)
				

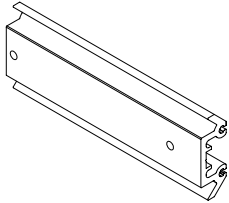
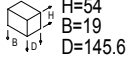
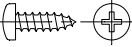
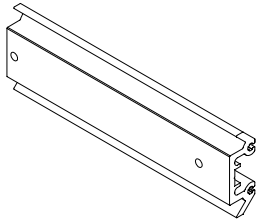
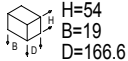
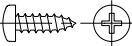
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080.9808.04 (52.G.039)	080.9809.04 (52.G.039)	080.9810.SY (52.G.030)	080.9812.04 (52.G.030)	080.9815.SY (52.G.031)
080.9817.04 (52.G.032)	080.9820.04 (52.G.035)	080.9821.04 (52.G.035)	080.9822.04 (52.G.032)	080.9823.04 (52.G.032)
080.9825.04 (52.G.035)	080.9826.04 (52.G.035)	080.9850.04 (52.G.039)	080.9860.04 (52.G.035)	080.9861.04 (52.G.036)
080.9862.04 (52.G.031)	080.9863.04 (52.G.031)	080.9864.04 (52.G.032)	080.9867.04 (52.G.038)	080.9868.04 (52.G.038)
080.9871.04 (52.G.030)	080.9875.04 (52.G.031)	080.9876.04 (52.G.031)	080.9880.SY (52.G.028)	080.9892.07 (52.G.033)
080.9893.07 (52.G.033)	080.9894.04 (52.G.046)	080.9900.04 (52.G.015)	080.9901.04 (52.G.015)	080.9937.04 (52.G.036)

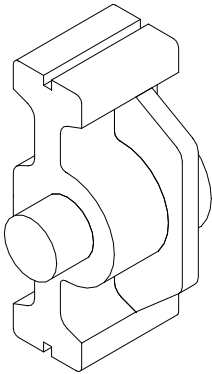
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080.9984.04 (52.G.011) 	080.9985.04 (52.G.011) 	080.9986.04 (52.G.011) 	084.9063.XX (52.G.110) 	084.9080.-- (52.G.108) 
084.9085.-- (52.G.108) 	084.9108.04 (52.G.107) 	084.9111.-- (52.G.108) 	084.9115.-- (52.G.107) 	084.9380.-- (52.G.108) 
084.9501.01 (52.G.109) 	084.9530.01 (52.G.109) 	084.9550.01 (52.G.109) 	084.9580.01 (52.G.109) 	084.9750.01 (52.G.109) 
086.9150.-- (52.G.110) 	086.9160.-- (52.G.111) 	086.9206.SY (52.G.112) 	086.9210.-- (52.G.112) 	086.9211.-- (52.G.112) 
086.9212.-- (52.G.112) 	086.9213.-- (52.G.112) 	086.9220.-- (52.G.111) 	086.9551.-- (52.G.108) 	086.9600.XX (52.G.111) 
090.0113.00 (52.G.116) 	090.5810.-- (52.G.130) 	095.21TP.00 (52.G.122) 	095.B530.00 (52.G.127) 	095.B532.00 (52.G.126) 

095.B533.00 (52.G.126) 	095.B544.00 (52.G.127) 	095.B560.00 (52.G.128) 	095.B562.00 (52.G.129) 	095.B567.00 (52.G.128) 
095.E100.00 (52.G.130) 	095.E101.00 (52.G.130) 	095.H810.00 (52.G.122) 	097.0001.00 (52.G.115) 	097.0002.00 (52.G.115) 
097.0665.00 (52.G.114) 	097.0677.00 (52.G.113) 	097.0720.00 (52.G.113) 	097.0734.00 (52.G.114) 	097.0754.00 (52.G.116) 
097.A200.00 (52.G.122) 	097.D200.00 (52.G.123) 	097.D501.00 (52.G.124) 	097.D502.00 (52.G.125) 	097.J100.00 (52.G.125) 
097.L600.00 (52.G.123) 	097.L800.00 (52.G.120) 	097.Q500.00 (52.G.120) 	097.R100.00 (52.G.121) 	097.R300.00 (52.G.117) 
097.R400.00 (52.G.119) 	097.R500.00 (52.G.119) 	097.R600.00 (52.G.118) 	097.S100.00 (52.G.117) 	097.S200.00 (52.G.117) 
097.W100.00 (52.G.123) 				

	060.6212.PA (52.G.088)	060.8583.PA (52.G.089)	060.7169.-- (52.G.056)	060.7722.-- (52.G.082)
				
060.7872.-- (52.G.085)	060.8360.-- (52.G.094)	060.8361.-- (52.G.094)	060.8362.-- (52.G.094)	060.8363.-- (52.G.094)
				
060.8364.-- (52.G.095)	060.8365.-- (52.G.095)	060.8366.-- (52.G.095)	060.8370.-- (52.G.056)	060.8721.00 (52.G.082)
				
060.8723.-- (52.G.086)	065.6555.04 (52.G.081)	067.5205.-- (52.G.080)	068.5932.-- (52.G.077)	068.6094.00 (52.G.087)
				
068.6109.00 (52.G.087)	068.6505.-- (52.G.085)	068.7302.00 (52.G.083)	068.7320.00 (52.G.087)	068.7560.00 (52.G.084)
				
068.7561.00 (52.G.084)	068.7562.00 (52.G.083)	068.7563.00 (52.G.087)	068.7571.00 (52.G.083)	068.7685.00 (52.G.086)
				
068.7850.00 (52.G.085)	068.7851.00 (52.G.082)	068.8049.00 (52.G.083)	068.8051.00 (52.G.084)	068.8770.00 (52.G.084)
				

 	073.7510.00 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	CW 60 034.1622.XX CW 60-SG 034.1622.XX CW 60-SC 034.1622.XX CW 60-HI 034.1622.XX CW 60-HL	034.1622.XX	2 st./pc 052.5330.--  DIN 7981 4.8 x 13
 	073.7511.00 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	CW 60 034.1623.XX CW 60-SG 034.1623.XX CW 60-SC 034.1623.XX CW 60-HI 034.1623.XX CW 60-HL	034.1623.XX	2 st./pc 052.5330.--  DIN 7981 4.8 x 13
 	073.7512.00 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	CW 60 034.1624.XX CW 60-SG 034.1624.XX CW 60-SC 034.1624.XX CW 60-HI 034.1624.XX CW 60-HL	034.1624.XX	2 st./pc 052.5330.--  DIN 7981 4.8 x 13
 	073.7513.00 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	CW 60 034.1625.XX CW 60-SG 034.1625.XX CW 60-SC 034.1625.XX CW 60-HI 034.1625.XX CW 60-HL	034.1625.XX	2 st./pc 052.5330.--  DIN 7981 4.8 x 13
 	073.7514.00 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	CW 60 034.1626.XX CW 60-SG 034.1626.XX CW 60-SC 034.1626.XX CW 60-HI 034.1626.XX CW 60-HL	034.1626.XX	2 st./pc 052.5330.--  DIN 7981 4.8 x 13

  	073.7515.00 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER		CW 60 034.1627.XX CW 60-SG 034.1627.XX CW 60-SC 034.1627.XX CW 60-HI 034.1627.XX CW 60-HL	034.1627.XX	 2 st./pc 052.5330.--  DIN 7981 4.8 x 13
 	073.7516.00 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER		CW 60 034.1628.XX CW 60-SG 034.1628.XX CW 60-SC 034.1628.XX CW 60-HI 034.1628.XX CW 60-HL	034.1628.XX	 2 st./pc 052.5330.--  DIN 7981 4.8 x 13



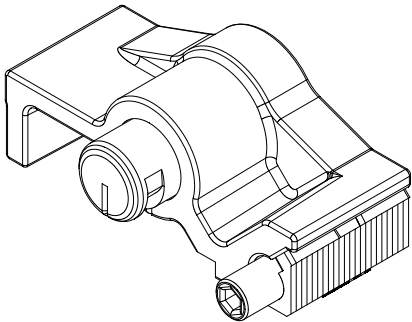
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T-VERBINDER VEREND
JUNCTION-T A RESSORT
T-BRACKET WITH SPRING
T-VERBINDER FEDERND



CW 60	034.1623.XX	034.1625.XX				
034.1622.XX	034.1624.XX	034.1626.XX				
034.1623.XX	034.1625.XX	034.1627.XX				
034.1624.XX	034.1626.XX	034.1628.XX				
034.1625.XX	034.1627.XX					
034.1626.XX	034.1628.XX	CW 50				
034.1627.XX		CW 50-HI				
034.1628.XX	CW 60-HI	CW 50-HL				
	034.1622.XX	CW 50-RA				
CW 60-SG	034.1623.XX	CW 50-SC				
034.1622.XX	034.1624.XX	CW 50-SG				
034.1623.XX	034.1625.XX	CW 50-FP				
034.1624.XX	034.1626.XX					
034.1625.XX	034.1627.XX	CW 60-DRL				
034.1626.XX	034.1628.XX	CW 50-FV				
034.1627.XX						
034.1628.XX	CW 60-HL					
	034.1622.XX					
CW 60-SC	034.1623.XX					
034.1622.XX	034.1624.XX					

H=45.3
B=21.4
D=16



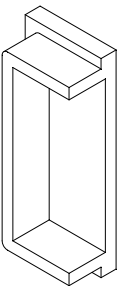
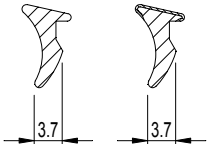
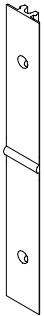
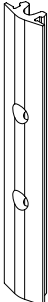
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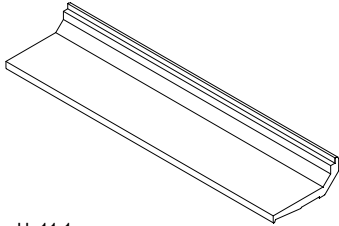
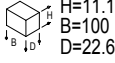
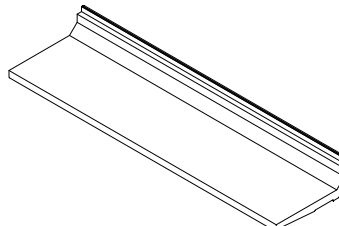
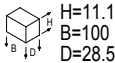
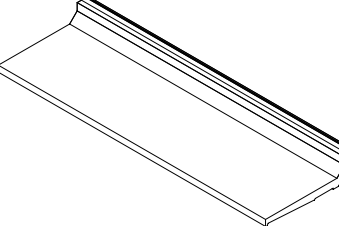
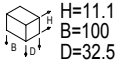
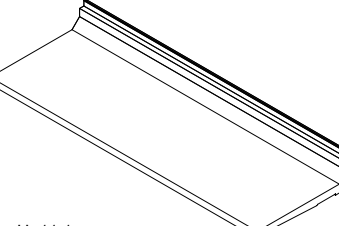
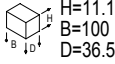
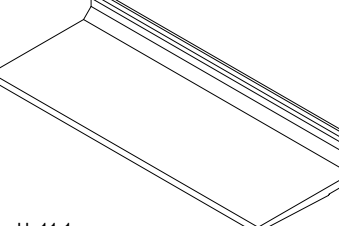
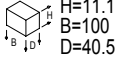
T-VERBINDER VEREND
JUNCTION-T A RESSORT
T-BRACKET WITH SPRING
T-VERBINDER FEDERND



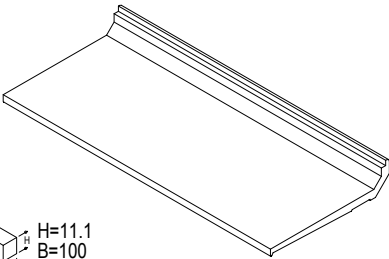
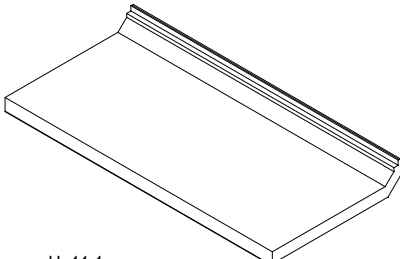
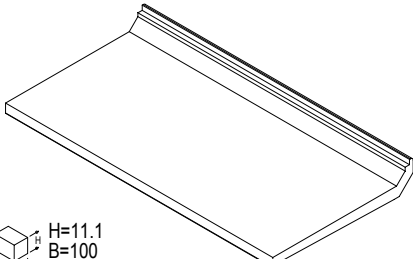
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034.1624.XX	034.1626.XX	034.1628.XX				
034.1625.XX	034.1627.XX					
034.1626.XX	034.1628.XX					
034.1627.XX		CW 60-HI				
034.1628.XX	034.1622.XX					
CW 60-SG	034.1623.XX					
034.1622.XX	034.1624.XX					
034.1623.XX	034.1625.XX					
034.1624.XX	034.1626.XX					
034.1625.XX	034.1627.XX					
034.1626.XX	034.1628.XX					
034.1627.XX		CW 60-HL				
034.1628.XX	034.1622.XX					
CW 60-SC	034.1623.XX					
034.1622.XX	034.1624.XX					

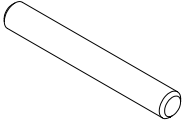
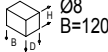
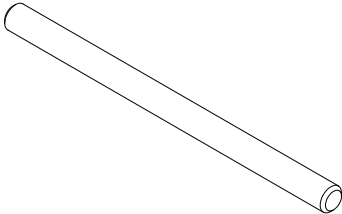
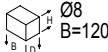
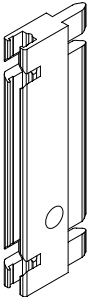
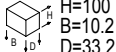
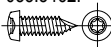
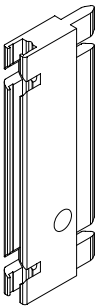
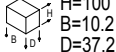
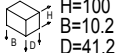
H=23
B=30
D=54

 H=35.5 B=14.2 D=8.8	080.9487.04 EINDDICHTING JOINT D'ASSEMBLAGE END GASKET ENDDICHTUNG	CW 60 034.1564.XX 034.1565.XX CW 50 CW 50-RA		
.04 .47  3.7 3.7	080.9505.SY DICHTING JOINT GASKET DICHTUNG	AV 40 CW 50 CW 60 CR 120 GP 51		
 H=10 B=103 D=5.2	080.9708.04 EINDDICHTING REGELBARE HOEKEN JOINT D'ASSEMBLAGE EQUERRES REGLABLES END GASKET ADJUSTABLE CORNER CLEATS ENDDICHTUNG VERSTELLBARE ECKWINKEL	CW 60 034.1564.XX CW 50 CW 50-RA		
 H=10 B=63 D=3.3	080.9900.04 EINDDICHTING JOINT D'ASSEMBLAGE END GASKET ENDDICHTUNG	CW 60 CW 60-SG PR 100 CW 60-SC CW 60-HI CW 60-HL		
	080.9901.04 EINDDICHTING 5°-15° JOINT D'ASSEMBLAGE 5°-15° END GASKET 5°-15° ENDDICHTUNG 5°-15°	CW 60 CW 60-SG CW 60-SC CW 60-HL		

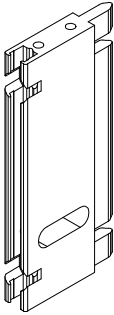
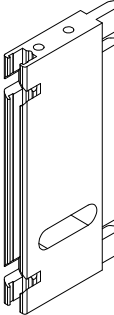
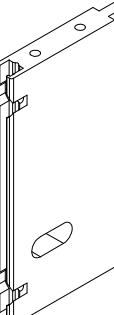
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  H=11.1 B=100 D=28.5	073.8208.00 GLASSTEUN 28.5MM SUPPORT CALE DE VITRAGE 28.5MM GLASS SUPPORT 28.5MM GLASAUFLAGEPROFIL 28.5MM	CW 50 CW 50-HL CW 50-RA CW 60 TR 200 CW 50-SC CW 60-SC		
  H=11.1 B=100 D=32.5	073.8209.00 GLASSTEUN 32.5MM SUPPORT CALE DE VITRAGE 32.5MM GLASS SUPPORT 32.5MM GLASAUFLAGEPROFIL 32.5MM	CW 50 CW 50-HL CW 50-RA CW 60 TR 200 CW 50-SC CW 60-SC		
  H=11.1 B=100 D=36.5	073.8212.00 GLASSTEUN 36.5MM SUPPORT CALE DE VITRAGE 36.5MM GLASS SUPPORT 36.5MM GLASAUFLAGEPROFIL 36.5MM	CW 50 CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SC		
  H=11.1 B=100 D=40.5	073.8213.00 GLASSTEUN 40.5MM SUPPORT CALE DE VITRAGE 40.5MM GLASS SUPPORT 40.5MM GLASAUFLAGEPROFIL 40.5MM	CW 50 CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SC		

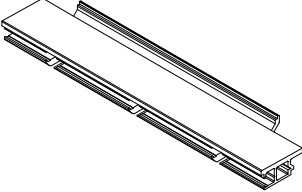
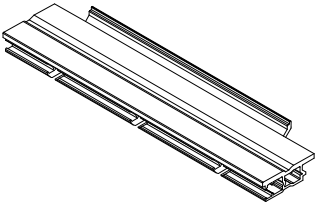
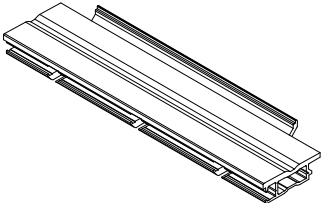
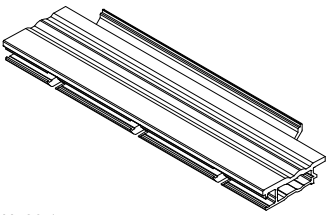


 H=11.1 B=100 D=44.5	073.8214.00 GLASSTEUN 44.5MM SUPPORT CALE DE VITRAGE 44.5MM GLASS SUPPORT 44.5MM GLASAUFLAGEPROFIL 44.5MM	CW 50 CW 50-HI CW 50-RA CW 60 CW 50-SC CW 60-SC CW 60-HI		
 H=11.1 B=100 D=48.5	073.8215.00 GLASSTEUN 48.5MM SUPPORT CALE DE VITRAGE 48.5MM GLASS SUPPORT 48.5MM GLASAUFLAGEPROFIL 48.5MM	CW 50 CW 50-HI CW 50-RA CW 60 CW 50-SC CW 60-SC CW 60-HI		
 H=11.1 B=100 D=52.5	073.8217.00 GLASSTEUN 52.5MM SUPPORT CALE DE VITRAGE 52.5MM GLASS SUPPORT 52.5MM GLASAUFLAGEPROFIL 52.5MM	CW 50-HI CW 50-RA CW 60 CW 50-SC CW 60-SC CW 60-HI		

 	073.5233.-- AS Ø8x60MM AXE Ø8x60MM AXLE Ø8x60MM ACHSE Ø8x60MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL	
 	073.5234.-- AS Ø8x120 AXE Ø8x120 AXLE Ø8x120 ACHSE Ø8x120	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL	
 	073.7220.00 STEUNSTUK VERTICAAL 20.2MM PIECE DE SUPPORT VERTICAL 20.2MM SUPPORTING PIECE VERTICAL 20.2MM STUETZKLOTZ SENKRECHT 20.2MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL	2 st./pc 053.5462.--  REYNAERS 6.3 x 25
 	073.7471.00 STEUNSTUK VERTICAAL 24.2MM PIECE DE SUPPORT VERTICAL 24.2MM SUPPORTING PIECE VERTICAL 24.2MM STUETZKLOTZ VERTIKAL 24.2MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL	2 st./pc 053.5463.--  REYNAERS 6.3 x 28
 	073.7472.00 STEUNSTUK VERTICAAL 28.2MM PIECE DE SUPPORT VERTICAL 28.2MM SUPPORTING PIECE VERTICAL 28.2MM STUETZKLOTZ VERTIKAL 28.2MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL	2 st./pc 053.5465.--  REYNAERS 6.3 x 34



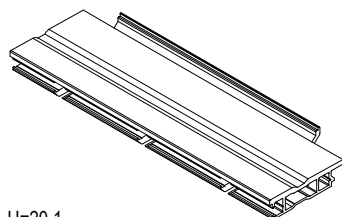
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 H=100 B=10.2 D=49.2	073.7474.00 STEUNSTUK VERTICAAL 36.2MM PIECE DE SUPPORT VERTICAL 36.2MM SUPPORTING PIECE VERTICAL 36.2MM STUETZKLOTZ VERTIKAL 36.2MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL	2 st./pc 053.5467.--  REYNAERS 6.3 x 40
 H=100 B=10.2 D=61.2	073.7477.00 STEUNSTUK VERTICAAL 48.2MM PIECE DE SUPPORT VERTICAL 48.2MM SUPPORTING PIECE VERTICAL 48.2MM STUETZKLOTZ VERTIKAL 48.2MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL	2 st./pc 053.5472.--  REYNAERS 6.3 x 55

  H=20.1 B=194 D=36.5	073.7482.00 GLASSTEUN 36.5MM SUPPORT CALE DE VITRAGE 36.5MM GLASS SUPPORT 36.5MM GLASAUFLAGEPROFIL 36.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL CW 50-VL	2 st./pc 053.5462.--  REYNAERS 6.3 x 25
  H=20.1 B=194 D=40.5	073.7483.00 GLASSTEUN 40.5MM SUPPORT CALE DE VITRAGE 40.5MM GLASS SUPPORT 40.5MM GLASAUFLAGEPROFIL 40.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL CW 50-VL	2 st./pc 053.5462.--  REYNAERS 6.3 x 25
  H=20.1 B=194 D=44.5	073.7484.00 GLASSTEUN 44.5MM SUPPORT CALE DE VITRAGE 44.5MM GLASS SUPPORT 44.5MM GLASAUFLAGEPROFIL 44.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL CW 50-VL	2 st./pc 053.5463.--  REYNAERS 6.3 x 28
  H=20.1 B=194 D=48.5	073.7485.00 GLASSTEUN 48.5MM SUPPORT CALE DE VITRAGE 48.5MM GLASS SUPPORT 48.5MM GLASAUFLAGEPROFIL 48.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL CW 50-VL	2 st./pc 053.5466.--  REYNAERS 6.3 x 37
  H=20.1 B=194 D=52.5	073.7486.00 GLASSTEUN 52.5MM SUPPORT CALE DE VITRAGE 52.5MM GLASS SUPPORT 52.5MM GLASAUFLAGEPROFIL 52.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 60-SG CW 50-SL CW 60-SC CW 60-HI CW 60-HL CW 50-VL	2 st./pc 053.5468.--  REYNAERS 6.3 x 43



073.7488.00

GLASSTEUN 60.5MM
SUPPORT CALE DE VITRAGE 60.5MM
GLASS SUPPORT 60.5MM
GLASAUFLAGEPROFIL 60.5MM



H=20.1
B=194
D=60.5

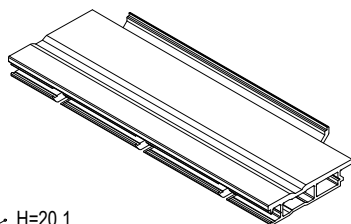
CW 50
CW 50-HI
CW 50-HL
CW 50-RA
CW 60
CW 50-SC
CW 60-SG
CW 50-SL
CW 60-SC
CW 60-HI
CW 60-HL
CW 50-VL

2 st./pc
053.5470.--

REYNAERS
6.3 x 49

073.7490.00

GLASSTEUN 68.5MM
SUPPORT CALE DE VITRAGE 68.5MM
GLASS SUPPORT 68.5MM
GLASAUFLAGEPROFIL 68.5MM

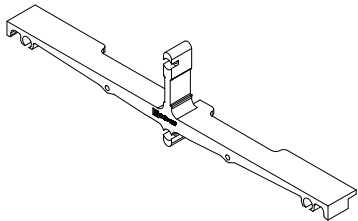
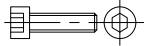
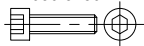
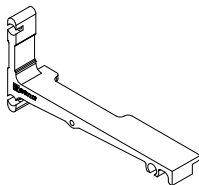
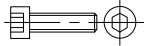


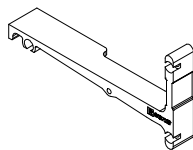
H=20.1
B=194
D=68.5

CW 50
CW 50-HI
CW 50-HL
CW 50-RA
CW 60
CW 50-SC
CW 60-SG
CW 50-SL
CW 60-SC
CW 60-HI
CW 60-HL
CW 50-VL

2 st./pc
053.5473.--

REYNAERS
6.3 x 58

 H=100 B=400 D=35 !050.5180.-- 053.5463.-- -> CW 50/CW 60 !2x053.5463/050.5024/5032.-- -> CW 50-FP	073.7102.-- GLASSTEUN ROESTVRIJ STAAL SUPPORT CALE DE VITRAGE ACIER INOXYDABLE GLASS SUPPORT STAINLESS STEEL GLASAUFLAGEPROFIL EDELSTAHL CW 50 CW 50-HI CW 60 CW 50-SL CW 50-FP CW 60-HI	 4 st./pc 053.5463.--  REYNAERS 6.3 x 28  2 st./pc 050.5024.--  DIN 912 M6 x 70  2 st./pc 050.5032.--  DIN 912 M6 x 30  2 st./pc 050.5180.--  DIN 912 M6 x 25
 H=100 B=205 D=35 !050.5180.-- 053.5463.-- -> CW 50/CW 60 !2x053.5463/050.5024/5032.-- -> CW 50-FP	073.7112.-- GLASSTEUN ROESTVRIJ STAAL SUPPORT CALE DE VITRAGE ACIER INOXYDABLE GLASS SUPPORT STAINLESS STEEL GLASAUFLAGEPROFIL EDELSTAHL CW 50 CW 50-HI CW 60 CW 50-SL CW 50-FP CW 60-HI	 3 st./pc 053.5463.--  REYNAERS 6.3 x 28  2 st./pc 050.5024.--  DIN 912 M6 x 70  1 st./pc 050.5032.--  DIN 912 M6 x 30  1 st./pc 050.5180.--  DIN 912 M6 x 25



073.7122.--

GLASSTEUN ROESTVRIJ STAAL
SUPPORT CALE DE VITRAGE ACIER INOXYDABLE
GLASS SUPPORT STAINLESS STEEL
GLASAUFLAGEPROFIL EDELSTAHL

CW 50
CW 50-HI
CW 60
CW 50-SL
CW 50-FP
CW 60-HI



H=100 B=205 D=35
!050.5180.-- 053.5463.-- -> CW 50/CW 60
!2x053.5463/050.5024/5032.-- -> CW 50-FP



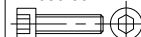
2 st./pc
053.5463.--



REYNAERS
6.3 x 28



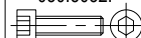
2 st./pc
050.5024.--



DIN 912
M6 x 70



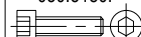
1 st./pc
050.5032.--



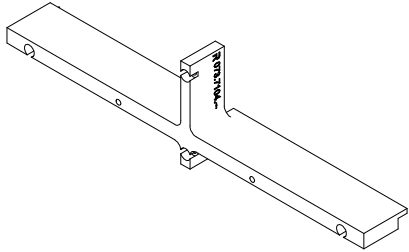
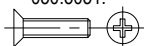
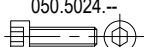
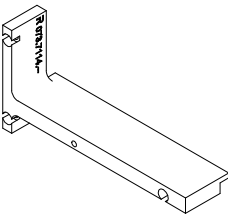
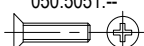
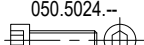
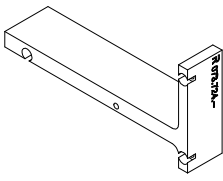
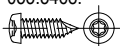
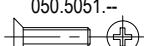
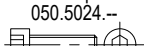
DIN 912
M6 x 30

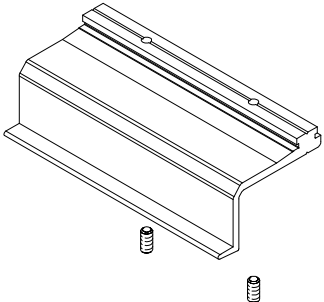
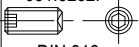
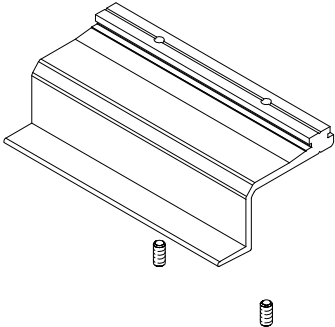
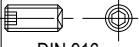
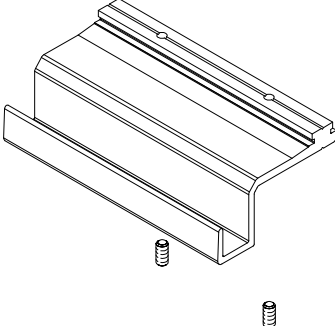
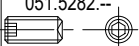
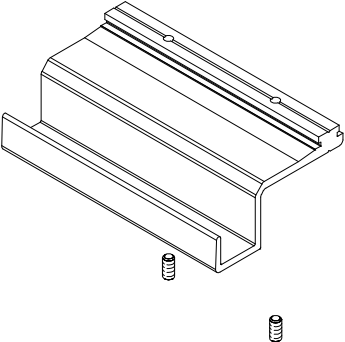
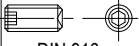


1 st./pc
050.5180.--



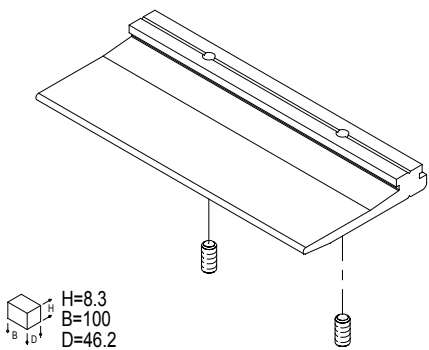
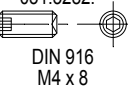
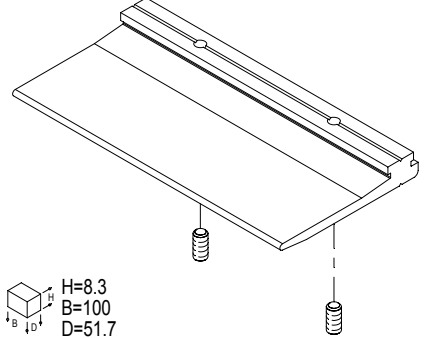
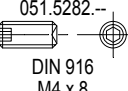
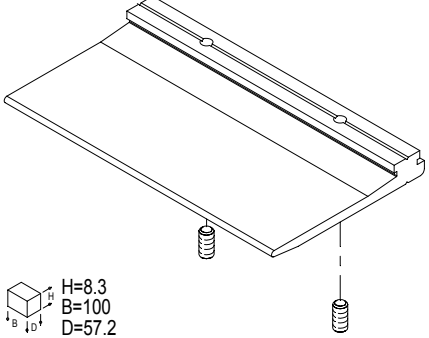
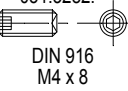
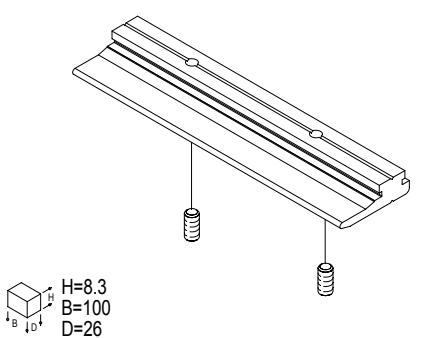
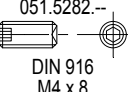
DIN 912
M6 x 25

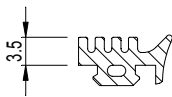
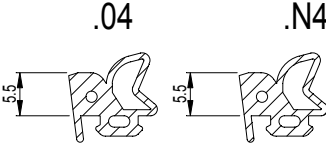
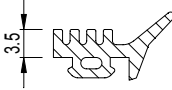
 H=100 B=400 D=50 ! 053.5468.-- x4 -> CW50/CW60 ! 053.5468.-- x2/5024/5032 -> CW50-FP	073.7104.-- GLASSTEUN INOX 48MM SUPPORT CALE DE VITRAGE INOX 48MM GLASS SUPPORT INOX 48MM GLASAUFLAGEPROFIL INOX 48MM	CW 50-FP CW 50 CW 50-HI CW 60 CW 50-SL CW 60-HI CW 50-VL CW 60-VL	 4 st./pc 053.5468.--  REYNAERS 6.3 x 43  2 st./pc 050.5051.--  DIN 965 M6 x 30  2 st./pc 050.5024.--  DIN 912 M6 x 70
 H=100 B=205.5 D=50 ! 053.5468.-- x3 -> CW50/CW60 ! 053.5468.-- x1/5024/5032 -> CW50-FP	073.7114.-- GLASSTEUN INOX 48MM SUPPORT CALE DE VITRAGE INOX 48MM GLASS SUPPORT INOX 48MM GLASAUFLAGEPROFIL INOX 48MM	CW 50-FP CW 50 CW 50-HI CW 60 CW 50-SL CW 60-HI CW 50-VL CW 60-VL	 3 st./pc 053.5468.--  REYNAERS 6.3 x 43  1 st./pc 050.5051.--  DIN 965 M6 x 30  2 st./pc 050.5024.--  DIN 912 M6 x 70
 H=100 B=205.5 D=50 ! 053.5468.-- x3 -> CW50/CW60 ! 053.5468.-- x1/5024/5032 -> CW50-FP	073.7124.-- GLASSTEUN INOX 48MM SUPPORT CALE DE VITRAGE INOX 48MM GLASS SUPPORT INOX 48MM GLASAUFLAGEPROFIL INOX 48MM	CW 50-FP CW 50 CW 50-HI CW 60 CW 50-SL CW 60-HI CW 50-VL CW 60-VL	 3 st./pc 053.5468.--  REYNAERS 6.3 x 43  1 st./pc 050.5051.--  DIN 965 M6 x 30  2 st./pc 050.5024.--  DIN 912 M6 x 70

	073.7190.39 GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	CW 60-SC	2 st./pc 051.5282.--  DIN 916 M4 x 8
	073.7192.39 GLASSTEUN 54.1MM SUPPORT CALE DE VITRAGE 54.1MM GLASS SUPPORT 54.1MM GLASAUFLAGEPROFIL 54.1MM	CW 60-SC	2 st./pc 051.5282.--  DIN 916 M4 x 8
	073.7194.39 VEILIGHEIDSGLASSTEUN 53.1MM SUPPORT DE VITRAGE DE SECURITE 53.1MM SAFETY GLASS SUPPORT 53.1MM SICHERHEITSGLASSTUTZE 53.1MM	CW 60-SC	2 st./pc 051.5282.--  DIN 916 M4 x 8
	073.7196.39 VEILIGHEIDSGLASSTEUN 57.1MM SUPPORT DE VITRAGE DE SECURITE 57.1MM SAFETY GLASS SUPPORT 57.1MM SICHERHEITSGLASSTUTZE 57.1MM	CW 60-SC	2 st./pc 051.5282.--  DIN 916 M4 x 8

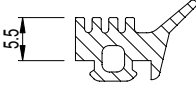
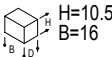
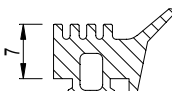
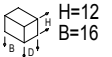
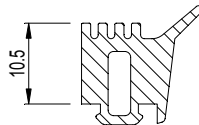
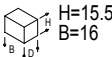
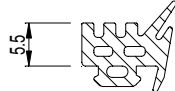
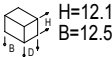
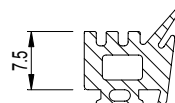
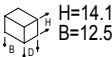


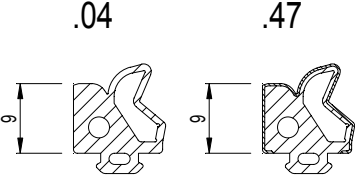
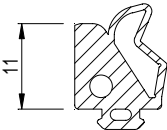
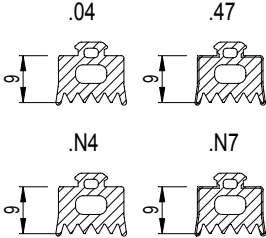
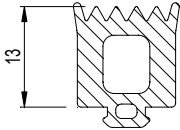
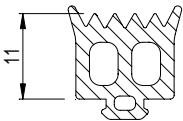
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H=15 B=75 D=54	073.7280.39 GLASSTEUN 44.5MM SUPPORT CALE DE VITRAGE 44.5MM GLASS SUPPORT 44.5MM GLASAUFLAGEPROFIL 44.5MM	CW 60 034.0156.XX 034.1113.XX 034.1122.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX CW 60-HL 034.0156.XX 034.1113.XX 034.1122.XX CW 50	CW 50-HL CW 50-SC CW 50-SG CW 65-EF CW 65-EF/SG 2 st./pc 051.5282.- DIN 916 M4 x 8
H=15 B=75 D=60	073.7282.39 GLASSTEUN 50.5MM SUPPORT CALE DE VITRAGE 50.5MM GLASS SUPPORT 50.5MM GLASAUFLAGEPROFIL 50.5MM	CW 60 034.0156.XX 034.1113.XX 034.1122.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX CW 60-HL 034.0156.XX 034.1113.XX 034.1122.XX CW 50	CW 50-HL CW 86 CW 50-SC CW 50-SG CW 86-EF CW 65-EF CW 65-EF/SG 2 st./pc 051.5282.- DIN 916 M4 x 8
H=15 B=75 D=66	073.7284.39 GLASSTEUN 56.5MM SUPPORT CALE DE VITRAGE 56.5MM GLASS SUPPORT 56.5MM GLASAUFLAGEPROFIL 56.5MM	CW 60 034.0156.XX 034.1113.XX 034.1122.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX CW 60-HL 034.0156.XX 034.1113.XX 034.1122.XX CW 50	CW 50-HL CW 86 CW 50-SC CW 50-SG CW 86-EF CW 65-EF CW 65-EF/SG 2 st./pc 051.5282.- DIN 916 M4 x 8

 H=8.3 B=100 D=46.2	073.7290.39 GLASSTEUN 46.2MM SUPPORT CALE DE VITRAGE 46.2MM GLASS SUPPORT 46.2MM GLASAUFLAGEPROFIL 46.2MM	CW 60 034.0156.XX 034.1113.XX 034.1122.XX CW 60-SG 034.0161.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX	CW 60-HL 034.0156.XX 034.1113.XX 034.1122.XX CW 50 CW 50-HL CW 50-SC CW 50-SG CW 65-EF CW 65-EF/SG	2 st./pc 051.5282.--  DIN 916 M4 x 8
 H=8.3 B=100 D=51.7	073.7291.39 GLASSTEUN 51.7MM SUPPORT CALE DE VITRAGE 51.7MM GLASS SUPPORT 51.7MM GLASAUFLAGEPROFIL 51.7MM	CW 60 034.0156.XX 034.1113.XX 034.1122.XX CW 60-SG 034.0161.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX	CW 60-HL 034.0156.XX 034.1113.XX 034.1122.XX CW 50 CW 50-HL CW 86 CW 50-SC CW 50-SG CW 86-EF CW 65-EF CW 65-EF/SG	2 st./pc 051.5282.--  DIN 916 M4 x 8
 H=8.3 B=100 D=57.2	073.7292.39 GLASSTEUN 57.2MM SUPPORT CALE DE VITRAGE 57.2MM GLASS SUPPORT 57.2MM GLASAUFLAGEPROFIL 57.2MM	CW 60 034.0156.XX 034.1113.XX 034.1122.XX CW 60-SG 034.0161.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX	CW 60-HL 034.0156.XX 034.1113.XX 034.1122.XX CW 50 CW 50-HL CW 86 CW 50-SC CW 50-SG CW 86-EF CW 65-EF CW 65-EF/SG	2 st./pc 051.5282.--  DIN 916 M4 x 8
 H=8.3 B=100 D=26	073.7293.39 GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	CW 60-SG 034.0165.XX 034.0166.XX 034.0167.XX CW 50-SG CW 65-EF/SG CW 65-EF		2 st./pc 051.5282.--  DIN 916 M4 x 8

 H=6.7 B=12.4	080.9358.04 GLASDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	TP 110 TP 138 TLS 110 CW 50 CW 60 TR 200		
 .04 .N4 .N4 = NOT SILICONISED H=11.8 B=11.2	080.9509.SY BEGLAZINGSDICHTING HOEK REGELBAAR 5.5MM JOINT DE VITRAGE EQUERRE REGLABLE 5.5MM GLAZING GASKET CORNER CLEAT ADJUSTABLE 5.5MM VERGLASUNGSDICHTUNG ECKWINKEL VERSTELLBAR 5.5MM	CW 60 034.3016.00 034.3017.00 034.3633.XX 034.3634.00 034.3635.00 CW 60-HI 034.3634.00 034.3635.00 CW 60-HL 034.3634.00	034.3635.00 CW 50 CR 120 CW 50-HI CW 50-RA PR 100	
 H=9 B=16	080.9540.04 BEGLAZINGSDICHTING DROGE BEGLAZING 3.5MM JOINT DE VITRAGE - VITRAGE SEC 3.5MM GLAZING GASKET DRY GLAZING 3.5MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 3.5MM	TP 110 TP 138 TLS 110 CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 TR 200 BOREALE CR 120 CW 50-SG CW 50-SL	PR 100 CW 60-HI	
 .04 .47 H=10.1 B=12.5	080.9740.SY BEGLAZINGSDICHTING 3.5MM JOINT DE VITRAGE 3.5MM GLAZING GASKET 3.5MM VERGLASUNGSDICHTUNG 3.5MM	CW 60 034.3633.XX 034.3634.00 034.3635.00 CW 60-HI 034.3634.00 034.3635.00 CW 60-HL 034.3634.00 034.3635.00	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 50-SG CW 50-SL	
 .04 .N4 .N4 NOT SILICONISED H=9.3 B=15.6	080.9880.SY SYMMETRISCHE BEGLAZINGSDICHTING 3.5MM JOINT DE VITRAGE SYMETRIQUE 3.5MM SYMMETRICAL GLAZING GASKET 3.5MM SYMMETRISCHES VERGLASUNGSDICHTUNG 3.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SL CW 60-HI CW 60-HL		



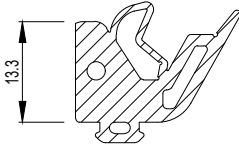
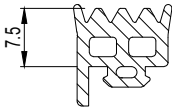
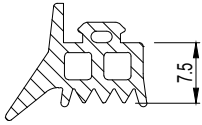
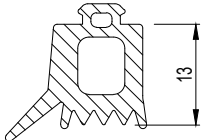
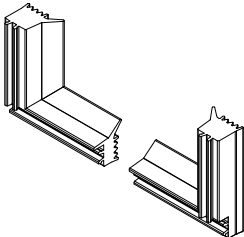
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 	080.9543.04 BEGLAZINGSDICHTING DROGE BEGLAZING 7MM JOINT DE VITRAGE - VITRAGE SEC 7MM GLAZING GASKET DRY GLAZING 7MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 7MM	TP 110 TP 138 TLS 110 CW 50 CW 50-HI CW 50-HL CW 60 TR 200 CR 120 CW 50-SG CW 50-SL		
 	080.9544.04 BEGLAZINGSDICHTING DROGE BEGLAZING 10.5MM JOINT DE VITRAGE - VITRAGE SEC 10.5MM GLAZING GASKET DRY GLAZING 10.5MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 10.5MM	TP 110 TP 138 TLS 110 CW 50 CW 50-HI CW 50-HL CW 60 TR 200 CR 120 CW 50-SG CW 50-SL CW 60-HI		
 	080.9741.04 BEGLAZINGSDICHTING 5.5MM JOINT DE VITRAGE 5.5MM GLAZING GASKET 5.5MM VERGLASUNGSDICHTUNG 5.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SG CW 60-SG CW 50-SL CW 60-HI CW 60-HL		
 	080.9742.04 BEGLAZINGSDICHTING 7.5MM JOINT DE VITRAGE 7.5MM GLAZING GASKET 7.5MM VERGLASUNGSDICHTUNG 7.5MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SG CW 60-SG CW 50-SL CW 60-HI CW 60-HL		

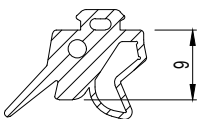
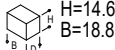
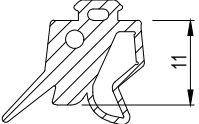
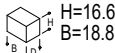
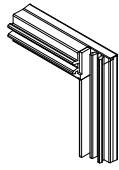
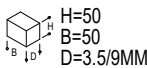
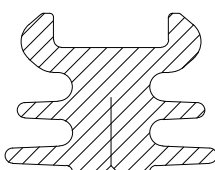
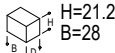
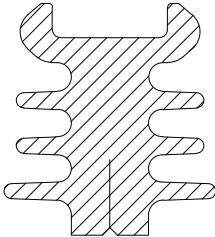
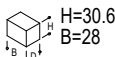
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 H=16.6 B=12.2	080.9515.04 BEGLAZINGSDICHTING HOEK REGELBAAR 11MM JOINT DE VITRAGE EQUERRE REGLABLE 11MM GLAZING GASKET CORNER CLEAT ADJUSTABLE 11MM VERGLASUNGSDICHTUNG ECKWINKEL VERSTELLBAR 11MM	CW 50 CW 50-RA CW 60 CR 120 CW 50-SC CW 50-SG CW 60-SG CW 60-SC	
 .04 .47 .N4 .N7 H=12.5 B=14 .N4 .N7 NOT SILICONISED	080.9810.SY BEGLAZINGSDICHTING DRAGER 9MM JOINT DE VITRAGE MENEAU 9MM GLAZING GASKET SUSPENSION 9MM VERGLASUNGSDICHTUNG PFOSTEN 9MM	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120 CW 65-EF CW 65-EF/HI CW 50-RA TR 200 CW 50-SC CW 50-SG	CW 60-SG CW 50-SL PR 100 CW 60-SC
 H=16.5 B=14	080.9812.04 BEGLAZINGSDICHTING DRAGER 13MM JOINT DE VITRAGE MENEAU 13MM GLAZING GASKET SUSPENSION 13MM VERGLASUNGSDICHTUNG PFOSTEN 13MM	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120 CW 65-EF CW 65-EF/HI CW 50-HI CW 50-RA CW 50-SG CW 60-SG	CW 50-SL CW 60-HI
 H=15 B=15	080.9871.04 BEGLAZINGSDICHTING 11MM JOINT DE VITRAGE 11MM GLAZING GASKET 11MM VERGLASUNGSDICHTUNG 11MM	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120 CW 50-RA CW 50-SG CW 60-SG CW 50-SL CW 65-EF CW 65-EF/HI	

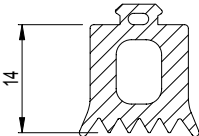
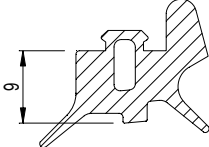
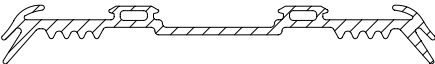
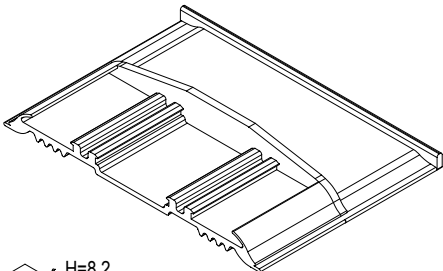


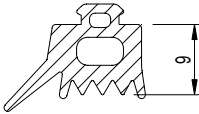
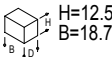
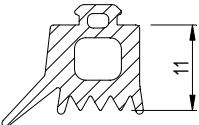
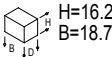
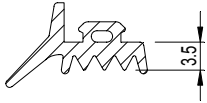
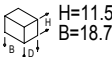
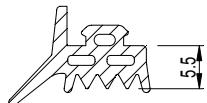
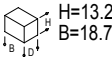
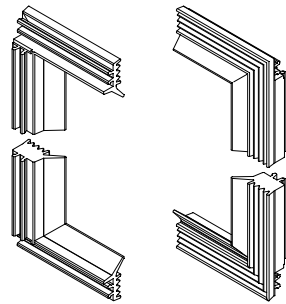
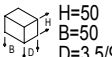
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	080.9862.04 VORMSTUK MET GOOT 5.5/11MM PIECE MOULEE AVEC GOUTTIERE 5.5/11MM MOULDING PIECE WITH GUTTER 5.5/11MM FORMSTUECK MIT RINNE 5.5/11MM FITS WITH 080.9875.04 & 080.9871.04	CW 50 CW 50-RA CW 60	
	080.9863.04 VORMSTUK 5.5/11MM PIECE MOULEE 5.5/11MM MOULDING PIECE 5.5/11MM FORMSTUECK 5.5/11MM FITS WITH 080.9876.04 & 080.9871.04	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120 CW 50-HL CW 50-RA CW 50-SC CW 50-SG CW 60-SG CW 50-SL	CW 60-SC CW 60-HL CW 65-EF CW 65-EF/HI
	080.9875.04 BEGLAZINGSDICHTING MET GOOT 5.5MM JOINT DE VITRAGE AVEC GOUTTIERE 5.5MM GLAZING GASKET WITH GUTTER 5.5MM VERGLASUNGSDICHTUNG MIT RINNE 5.5MM FITS WITH 080.9876.04 & 080.9871.04	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120 CW 50-RA	
	080.9876.04 BEGLAZINGSDICHTING 5.5MM JOINT DE VITRAGE 5.5MM GLAZING GASKET 5.5MM VERGLASUNGSDICHTUNG 5.5MM FITS WITH 080.9875.04 & 080.9871.04	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120 CW 65-EF CW 65-EF/HI CW 50-HL CW 50-RA CW 50-SC CW 50-SG	CW 60-SG CW 50-SL CW 60-SC CW 60-HL

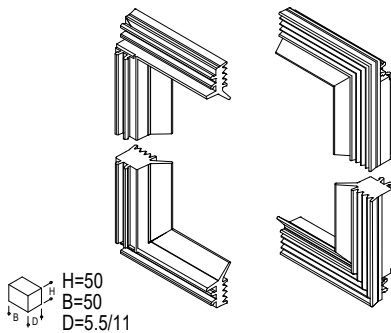


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 H=13.4 B=13	080.9817.04 BEGLAZINGSDICHTING DWARSPROFIEL 7.5MM JOINT DE VITRAGE TRAVERSE 7.5MM GLAZING GASKET TRANSOM 7.5MM VERGLASUNGSDICHTUNG RIEGEL 7.5MM	CW 60 007.1768.XX CW 50 CR 120 CW 65-EF CW 65-EF/HI CW 50-HL CW 50-RA CW 50-SC CW 50-SG CW 60-SG	CW 50-SL CW 60-SC CW 60-HL	
 H=15.5 B=18.7	080.9818.04 BEGLAZINGSDICHTING 7.5MM JOINT DE VITRAGE 7.5MM GLAZING GASKET 7.5MM VERGLASUNGSDICHTUNG 7.5MM	CW 50 CW 50-SC CW 60-SC CW 50-VL CW 60-VL		
 H=18.2 B=18.7	080.9819.04 BEGLAZINGSRUBBER 13MM JOINT DE VITRAGE 13MM GLAZING GASKET 13MM VERGLASUNGSDICHTUNG 13MM	CW 50 CW 50-SC CW 60-SC CW 50-VL CW 60-VL		
 H=50 B=50 D=15.5/18.3	080.9859.04 VORMSTUK 7.5/13MM PIECE MOULEE 7.5/13MM MOULDING PIECE 7.5/13MM FORMSTUECK 7.5/13MM	CW 50 CW 50-SC CW 60-SC CW 50-VL CW 60-VL		

 	080.9822.04 BEGLAZINGSDICHTING 9MM JOINT DE VITRAGE 9MM GLAZING GASKET 9MM VERGLASUNGSDICHTUNG 9MM	 CW 60-SC 034.1601.XX 034.1602.XX 034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX CW 50-SC	CW 50-VL CW 60-VL	
 	080.9823.04 BEGLAZINGSDICHTING 11MM JOINT DE VITRAGE 11MM GLAZING GASKET 11MM VERGLASUNGSDICHTUNG 11MM	 CW 60-SC 034.1601.XX 034.1602.XX 034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX CW 50-SC	CW 50-VL CW 60-VL	
 	080.9864.04 VORMSTUK 3.5/9MM PIECE MOULEE 3.5/9MM MOULDING PIECE 3.5/9MM FORMSTUECK 3.5/9MM FITS WITH 080.9815.SY & 080.9810.SY	CW 50 CW 50-HL CW 50-RA CW 60 CW 50-SC CW 50-SG CW 60-SG CW 50-SL CW 60-SC CW 60-HL CW 65-EF CW 65-EF/HL CW 50-VL	CW 60-VL	
 	080.9892.07 ISOLATIE DICHTING 21.2MM JOINT D'ISOLATION 21.2MM INSULATION GASKET 21.2MM ISOLATION DICHTUNG 21.2MM	 CW 50-HI CW 60-HI		
 	080.9893.07 ISOLATIE DICHTING 30.6MM JOINT D'ISOLATION 30.6MM INSULATION GASKET 30.6MM ISOLATION DICHTUNG 30.6MM	 CW 50-HI CW 60-HI		

  H=7.6 B=13.6	080.9340.04 DICHTING VOOR 034.0055.XX JOINT POUR 034.0055.XX GASKET FOR 034.0055.XX DICHTUNG FUER 034.0055.XX	CW 50-RA CW 60		
  H=17.4 B=15.5	080.9359.04 BEGLAZINGSDICHTING VOOR 034.0055.XX JOINT DE VITRAGE POUR 034.0055.XX GLAZING GASKET FOR 034.0055.XX VERGLASUNGSDICHTUNG FUER 034.0055.XX	CW 60 007.1768.XX CW 50 CW 50-RA CR 120		
  H=19.6 B=22.4	080.9521.04 BEGLAZINGSDICHTING HOEK REGELBAAR JOINT DE VITRAGE EQUERRE REGLABLE GLAZING GASKET CORNER CLEAT ADJUSTABLE VERGLASUNGSDICHTUNG ECKWINKEL VERSTELLBAR	CW 50-RA CW 60		
  H=7.8 B=57	080.9744.04 BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	CW 60 034.0571.XX CW 50		
  H=8.2 B=60 D=42.5	073.8272.04 ONTWATERINGSKANAAL SCHUINE BEGLAZING CANAL DE DRAINAGE VITRAGE OBLIQUE DRAINAGE CHANNEL SLOPED GLAZING DRAINAGEKANAL SCHRAEGVERGLASUNG FITS WITH 080.9744.04	CW 60 034.0571.XX CW 50		

  H=12.5 B=18.7	080.9820.04 BEGLAZINGSDICHTING 9MM JOINT DE VITRAGE 9MM GLAZING GASKET 9MM VERGLASUNGSDICHTUNG 9MM	 CW 60-SC 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50-SC		
  H=16.2 B=18.7	080.9821.04 BEGLAZINGSDICHTING 11MM JOINT DE VITRAGE 11MM GLAZING GASKET 11MM VERGLASUNGSDICHTUNG 11MM	 CW 60-SC 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50-SC		
  H=11.5 B=18.7	080.9825.04 BEGLAZINGSDICHTING 3.5MM JOINT DE VITRAGE 3.5MM GLAZING GASKET 3.5MM VERGLASUNGSDICHTUNG 3.5MM	 CW 60-SC 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50-SC		
  H=13.2 B=18.7	080.9826.04 BEGLAZINGSDICHTING 5.5MM JOINT DE VITRAGE 5.5MM GLAZING GASKET 5.5MM VERGLASUNGSDICHTUNG 5.5MM	Eco system Eco system-AP CW 60-SC 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50-SC		
  H=50 B=50 D=3.5/9	080.9860.04 VORMSTUK 3.5/9MM PIECE MOULEE 3.5/9MM MOULDING PIECE 3.5/9MM FORMSTUECK 3.5/9MM FITS WITH 080.9820.04 & 080.9825.04	CW 60-SC 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50-SC		



080.9861.04

VORMSTUK 5.5/11MM
PIECE MOULEE 5.5/11MM
MOULDING PIECE 5.5/11MM
FORMSTUECK 5.5/11MM

FITS WITH 080.9821.04 & 080.9826.04

CW 60-SC

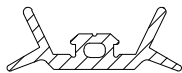
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034.1602.XX
034.1604.XX
034.1605.XX
034.1606.XX
034.1607.XX
034.1608.XX
034.1609.XX
034.1610.XX
034.1611.XX
034.1622.XX
034.1623.XX

034.1624.XX

034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 50-SC

CW 50-VL
CW 60-VL



H=8.5
B=23.1

080.9937.04

KLEMDICHTING 23.1MM
JOINT SERREUR 23.1MM
PRESSURE GASKET 23.1MM
KLEMMDICHTUNG 23.1MM

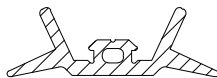


CW 60-SC

034.1180.04
034.1181.04

CW 50-SC
CW 50-VL

CW 60-VL



H=9.3
B=28

080.9938.04

KLEMDICHTING 28MM
JOINT SERREUR 28MM
PRESSURE GASKET 28MM
KLEMMDICHTUNG 28MM



CW 60-SG

034.0170.04
034.0171.04

CW 50-SG

CW 50-SC
CW 60-VL



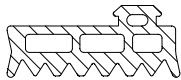
080.9303.04

DICHTING SG 6.8MM
JOINT SG 6.8MM
GASKET SG 6.8MM
DICHTUNG SG 6.8MM



CW 50-SC
CW 50-SG
CW 65-EF

CW 60-SC

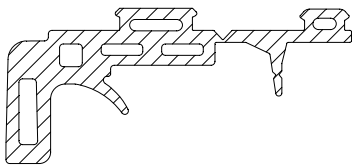


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B=22.8

080.9308.04

AANSLAGDICHTING
JOINT DE BUTEE
BUTT STRIP
ANSCHLAGDICHTUNG

CW 60-SC
034.1121.XX
034.0155.XX



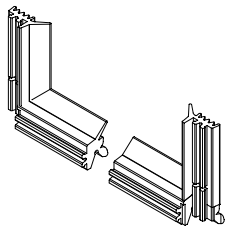
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080.9867.04

VORMSTUK 3.5/9MM
PIECE MOULEE 3.5/9MM
MOULDING PIECE 3.5/9MM
FORMSTUECK 3.5/9MM

CW 50-SC

CW 60-SC



H=50
B=50
D=3.5/9

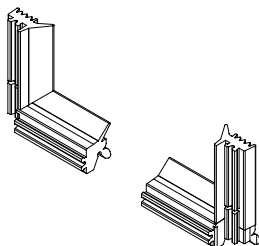
FITS WITH 080.9825.04 & 080.9822.04

080.9868.04

VORMSTUK 5.5/11MM
PIECE MOULEE 5.5/11MM
MOULDING PIECE 5.5/11MM
FORMSTUECK 5.5/11MM

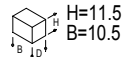
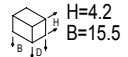
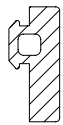
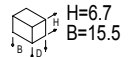
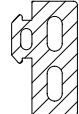
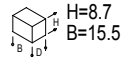
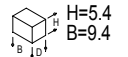
CW 50-SC

CW 60-SC

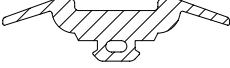
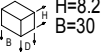
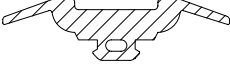
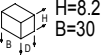
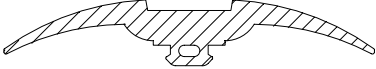
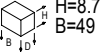
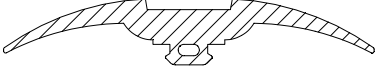
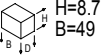
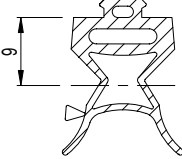
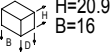


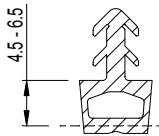
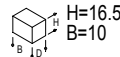
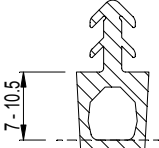
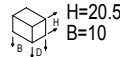
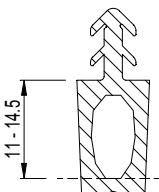
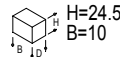
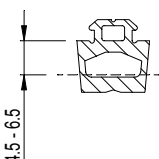
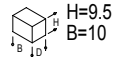
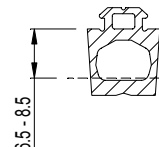
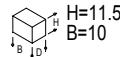
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B=50
D=5.5/11

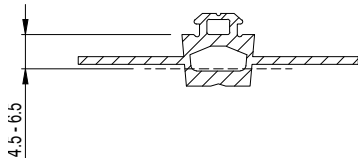
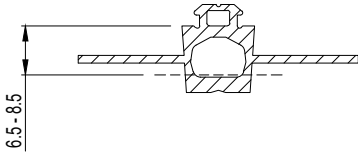
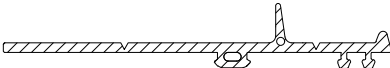
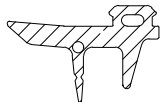
FITS WITH 080.9826.04 & 080.9823.04

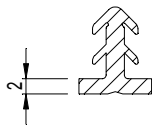
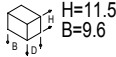
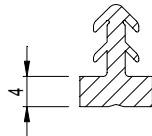
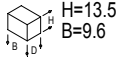
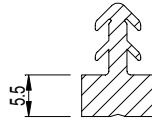
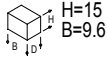
 	080.9801.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG	 CW 60-SG 034.0165.XX 034.0166.XX 034.0167.XX CW 50-SG		  
 	080.9805.04 AANSLAGDICHTING 1.5MM JOINT DE BUTEE 1.5MM BUTT STRIP 1.5MM ANSCHLAGDICHTUNG 1.5MM	CW 60 007.0775.XX 007.1765.XX 034.1123.04 CW 50 CW 50-HL CR 120 CW 50-SC CW 60-SC CW 65-EF	CS 77-BP CS 86-HI CW 60-HL	
 	080.9808.04 AANSLAGDICHTING 4MM JOINT DE BUTEE 4MM BUTT STRIP 4MM ANSCHLAGDICHTUNG 4MM	CW 60 007.0775.XX 007.1765.XX 034.1123.04 CW 50 CW 50-HL CR 120 CW 50-SC CW 60-SC CW 65-EF	CS 86-HI CW 60-HL	
 	080.9809.04 AANSLAGDICHTING 6MM JOINT DE BUTEE 6MM BUTT STRIP 6MM ANSCHLAGDICHTUNG 6MM	CW 60 007.0775.XX 007.1765.XX 034.1123.04 CW 50 CW 50-HL CR 120 CW 50-SC CW 60-SC CW 65-EF	CS 86-HI CW 60-HL	
 	080.9850.04 KLEMDICHTING JOINT SERREUR PRESSURE GASKET KLEMMDICHTUNG	CW 50-SC CW 60-SC		

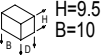
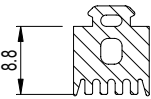
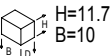
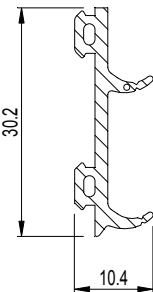
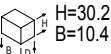
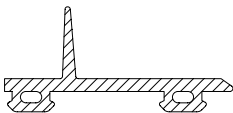
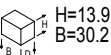


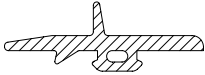
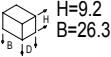
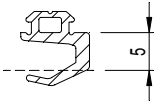
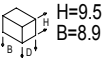
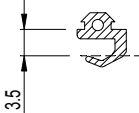
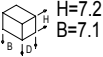
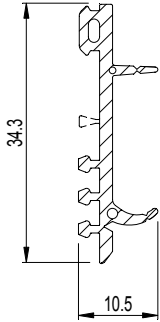
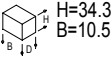
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 	080.9945.04 KLEMDICHTING VERTIKAAL ZELFDOVEND JOINT SERREUR VERTICALE AUTO-EXTINGUIBLE VERTICAL PRESSURE GASKET SELFEXTINGUISHING VERTIKALE KLEMDICHTUNG SELBSTLOSCHEND	 CW 50-HL CW 50-FP CW 60-HL		
 	080.9336.04 KLEMDICHTING VERTIKAAL JOINT SERREUR VERTICALE VERTICAL PRESSURE GASKET VERTIKALE KLEMDICHTUNG	 CW 50-HL CW 60-HL		
 	080.9946.04 KLEMDICHTING VERTIKAAL ZELFDOVEND JOINT SERREUR VERTICALE AUTO-EXTINGUIBLE VERTICAL PRESSURE GASKET SELFEXTINGUISHING VERTIKALE KLEMDICHTUNG SELBSTLOSCHEND	 CW 50-HL CW 50-FP CW 60-HL		
 	080.9349.04 BEGLAZINGSDICHTING JOINT DE VITRAGE GLAZING GASKET VERGLASUNGSDICHTUNG	 CW 50-HL CW 60-HL		

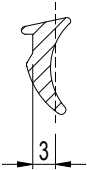
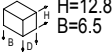
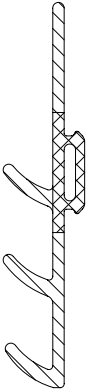
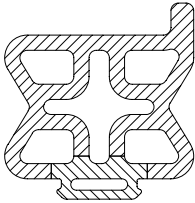
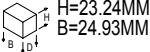
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 	080.9519.04 COMPARTIMENTERINGSDICHTING 7MM - 10.5MM JOINT DE NEZ 7MM - 10.5MM COMPARTIMENTATION GASKET 7MM - 10.5MM KOMPARTIMENTIERUNGSDICHTUNG 7MM - 10.5MM	CW 60 034.1601.XX 034.1602.XX 034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX	034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50 CW 50-SL	
 	080.9520.04 COMPARTIMENTERINGSDICHTING 11MM - 14.5MM JOINT DE NEZ 11MM - 14.5MM COMPARTIMENTATION GASKET 11MM - 14.5MM KOMPARTIMENTIERUNGSDICHTUNG 11MM - 14.5MM	CW 60 034.1601.XX 034.1602.XX 034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX	034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50 CW 50-SL	
 	080.9522.04 COMPARTIMENTERINGSDICHTING 4.5MM - 6.5MM JOINT DE NEZ 4.5MM - 6.5MM COMPARTIMENTATION GASKET 4.5MM - 6.5MM KOMPARTIMENTIERUNGSDICHTUNG 4.5MM - 6.5MM	CW 60 034.0070.04 034.0071.04 034.0072.04 034.0073.04 034.0074.04 034.0075.04 034.0076.04 CW 60-HL 034.0070.04 034.0071.04 034.0072.04	034.0073.04 034.0074.04 034.0075.04 034.0076.04 CW 50 CW 50-HL CW 50-SL	
 	080.9523.04 COMPARTIMENTERINGSDICHTING 6.5MM - 8.5MM JOINT DE NEZ 6.5MM - 8.5MM COMPARTIMENTATION GASKET 6.5MM - 8.5MM KOMPARTIMENTIERUNGSDICHTUNG 6.5MM - 8.5MM	CW 60 034.0070.04 034.0071.04 034.0072.04 034.0073.04 034.0074.04 034.0075.04 034.0076.04 CW 60-HL 034.0070.04 034.0071.04	034.0072.04 034.0073.04 034.0074.04 034.0075.04 034.0076.04 CW 50 CW 50-HL CW 50-SL	

 4.5 - 6.5 H=9.6 B=37	080.9524.04 COMPARTIMENTERINGSDICHTING 6.5MM ISO JOINT DE NEZ 6.5MM ISO COMPARTIMENTATION GASKET 6.5MM ISO KOMPARTIMENTIERUNGSDICHTUNG 6.5MM ISO	CW 60-HI 034.0070.04 034.0071.04 034.0072.04 034.0073.04 034.0074.04 034.0075.04 034.0076.04 CW 50-HI CW 50 CW 50-HL CW 60 CW 60-HL		
 6.5 - 8.5 H=11.6 B=37	080.9525.04 COMPARTIMENTERINGSDICHTING 8.5MM ISO JOINT DE NEZ 8.5MM ISO COMPARTIMENTATION GASKET 8.5MM ISO KOMPARTIMENTIERUNGSDICHTUNG 8.5MM ISO	CW 60-HI 034.0070.04 034.0071.04 034.0072.04 034.0073.04 034.0074.04 034.0075.04 034.0076.04 CW 50-HI CW 50 CW 50-HL CW 60 CW 60-HL		
 H=68.3 B=11.3	080.9332.04 ISOLATIE DICHTING JOINT D'ISOLATION INSULATION GASKET ISOLATION DICHTUNG	CW 60-HI 007.0331.XX 007.0341.XX CW 50-HI		
 H=11 B=20.1	080.9333.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG	CW 60-HI 007.0331.XX 007.0341.XX CW 50-HI		

 	080.9270.04 COMPARTIMENTERINGSDICHTING 2MM JOINT DE NEZ 2MM COMPARTIMENTATION GASKET 2MM KOMPARTIMENTIERUNGSDICHTUNG 2MM	CW 60 034.1601.XX 034.1602.XX 034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 60-SC 034.1601.XX 034.1602.XX	034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50 CW 50-SC	
 	080.9271.04 COMPARTIMENTERINGSDICHTING 4MM JOINT DE NEZ 4MM COMPARTIMENTATION GASKET 4MM KOMPARTIMENTIERUNGSDICHTUNG 4MM	CW 60 034.1601.XX 034.1602.XX 034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 60-SC 034.1601.XX 034.1602.XX	034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50 CW 50-SC	
 	080.9272.04 COMPARTIMENTERINGSDICHTING 5.5MM JOINT DE NEZ 5.5MM COMPARTIMENTATION GASKET 5.5MM KOMPARTIMENTIERUNGSDICHTUNG 5.5MM	CW 60 034.1601.XX 034.1602.XX 034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 60-SC 034.1601.XX 034.1602.XX	034.1604.XX 034.1605.XX 034.1606.XX 034.1607.XX 034.1608.XX 034.1609.XX 034.1610.XX 034.1611.XX 034.1622.XX 034.1623.XX 034.1624.XX 034.1625.XX 034.1626.XX 034.1627.XX 034.1628.XX CW 50 CW 50-SC	

 	080.9300.04 DICHTING SG 6.4MM JOINT SG 6.4MM GASKET SG 6.4MM DICHTUNG SG 6.4MM	 CW 60 034.1113.XX 034.1122.XX CW 60-SG 034.0165.XX 034.0166.XX 034.0167.XX CW 60-SC 034.1113.XX 034.1122.XX CW 60-HL 034.1113.XX 034.1122.XX	CW 50 CW 50-HL CW 86 CW 86-SG CW 50-SC CW 50-SG CW 86-EF Eco system Eco system-AP CW 65-EF CW 50-SL
 	080.9301.04 COMPARTIMENTERINGSDICHTING 9MM JOINT DE NEZ 9MM COMPARTIMENTATION GASKET 9MM KOMPARTIMENTIERUNGSDICHTUNG 9MM	 CW 60 034.1113.XX 034.1122.XX CW 60-SG 034.0165.XX 034.0166.XX 034.0167.XX CW 60-SC 034.1113.XX 034.1122.XX CW 60-HL 034.1113.XX 034.1122.XX	CW 50 CW 50-HL CW 86 CW 86-SG CW 50-SC CW 50-SG CW 86-EF CW 65-EF
 	080.9318.04 DICHTING VOOR SG JOINT POUR SG GASKET FOR SG DICHTUNG FUER SG	 CW 60 034.0155.XX 034.1121.XX CW 60-SC 034.0155.XX 034.1121.XX CW 60-HL 034.0155.XX 034.1121.XX CW 50 CW 50-HL CW 50-SC CW 65-EF	
 	080.9395.04 DICHTING EPDM JOINT EPDM GASKET EPDM DICHTUNG EPDM	 CW 60 034.1121.XX 034.0155.XX CW 50	

 	080.9396.04 DICHTING EPDM JOINT EPDM GASKET EPDM DICHTUNG EPDM	 CW 60 034.2120.XX 034.0157.XX CW 50		
 	080.9444.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG	 CW 60 034.0155.XX 034.0156.XX 034.1113.XX 034.1121.XX 034.1122.XX CW 60-SC 034.0155.XX 034.0156.XX 034.1113.XX 034.1121.XX 034.1122.XX CW 60-HL 034.0155.XX	034.0156.XX 034.1113.XX 034.1121.XX 034.1122.XX CW 50 CW 50-HL CW 50-SC CW 50-SG CW 65-EF VISION 50	
 	080.9446.04 AKOESTISCHE DICHTING JOINT ACOUSTIQUE ACOUSTIC GASKET SCHALLDICHTUNG	 CW 60 007.0775.XX 007.1765.XX CW 50 CR 120 CW 50-SC TP 138		
 	080.9331.04 DICHTING VOOR SG JOINT POUR SG GASKET FOR SG DICHTUNG FUER SG	CW 60 034.1121.XX 034.1123.XX 034.0155.XX CW 60-HL 034.1121.XX 034.1123.XX 034.0155.XX CW 50 CW 50-HL CW 65-EF		

 	080.9360.04 BEGLAZINGSDICHTING 3MM JOINT DE VITRAGE 3MM GLAZING GASKET 3MM VERGLASUNGSDICHTUNG 3MM		CW 60 034.0155.XX 034.1121.XX CW 60-SC 034.0155.XX 034.1121.XX CW 60-HL 034.0155.XX 034.1121.XX CW 50 CW 50-HL CW 50-SC CW 50-SG CW 65-EF AV 40 TP 110 TP 138 TLS 110	CW 50-HI CW 60-HI	
 	080.9406.04 DICHTING JOINT GASKET DICHTUNG		CW 60 007.0778.XX CW 50 CR 120 CW 86-EF/HI		
 	080.9894.04 DICHTING HIGH INSULATION JOINT HIGH INSULATION GASKET HIGH INSULATION DICHTUNG HIGH INSULATION		CW 60 007.0778.XX CW 50 CR 120		

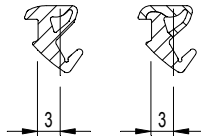
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080.9123.SY

BINNENBEGLAZINGSDICHTING 3MM
JOINT DE VITRAGE INTERIEUR 3MM
INNER GLAZING GASKET 3MM
INNENVERGLASUNGSDICHTUNG 3MM

.04 .47



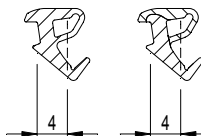
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B=7.7
COLOR= WHITE

CS 59Pa	CS 77
CS 59	CS 77-HV
CS 59-HV	CS 59Pa-AP
CS 59-Re	CS 59-AP
CS 59-So	CS 68-AP
CS 68	CS 77-AP
CS 68-HV	CS 77-BP
CS 68-Re	CS 77-FP
CS 68-So	CP 96
VISION 50	CP 45Pa
TP 110	CP 96-LS
TP 138	CP 96-AP
TLS 110	CP 96-LS/AP
CP 130	TP 110-Re
CP 130-LS	Eco system
CP 155	CS 38-SL
CP 155-LS	Eco system-AP
CW 50	CS 38-SL/AP
CW 60	CS 24-SL
TR 200	Eco system 75
BOREALE	
MOSQUITO	

080.9124.SY

BINNENBEGLAZINGSDICHTING 4MM
JOINT DE VITRAGE INTERIEUR 4MM
INNER GLAZING GASKET 4MM
INNENVERGLASUNGSDICHTUNG 4MM

.04 .47



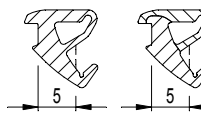
H=8.7
B=9.6
COLOR= RED

CS 59Pa	CS 77-HV
CS 59	CS 59Pa-AP
CS 59-HV	CS 59-AP
CS 59-Re	CS 68-AP
CS 59-So	CS 77-AP
CS 68	CS 77-BP
CS 68-HV	CS 77-FP
CS 68-Re	CP 96
CS 68-So	CP 45Pa
VISION 50	CP 96-LS
TP 110	CP 96-AP
TP 138	CP 96-LS/AP
TLS 110	TP 110-Re
CP 130	Eco system
CP 130-LS	CS 38-SL
CP 155	Eco system-AP
CP 155-LS	CS 38-SL/AP
CW 50	CS 24-SL
CW 60	Eco system 75
TR 200	CF 77
BOREALE	
CS 77	

080.9125.SY

BINNENBEGLAZINGSDICHTING 5MM
JOINT DE VITRAGE INTERIEUR 5MM
INNER GLAZING GASKET 5MM
INNENVERGLASUNGSDICHTUNG 5MM

.04 .47



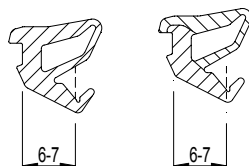
H=10.3
B=9.7
COLOR= BLUE

CS 59Pa	CS 59Pa-AP
CS 59	CS 59-AP
CS 59-HV	CS 68-AP
CS 59-Re	CS 77-AP
CS 59-So	CS 77-BP
CS 68	CS 77-FP
CS 68-HV	CP 96
CS 68-Re	CP 45Pa
CS 68-So	CP 96-LS
VISION 50	CP 96-AP
TP 110	CP 96-LS/AP
TP 138	TP 110-Re
TLS 110	Eco system
CP 130	CS 38-SL
CP 130-LS	Eco system-AP
CP 155	CS 38-SL/AP
CP 155-LS	CS 24-SL
CW 50	Eco system 75
CW 60	CF 77
TR 200	
CS 77	
CS 77-HV	

**080.9126.SY**
 BINNENBEGLAZINGSDICHTING 6-7MM
 JOINT DE VITRAGE INTERIEUR 6-7MM
 INNER GLAZING GASKET 6-7MM
 INNENVERGLASUNGSDICHTUNG 6-7MM

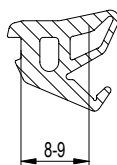
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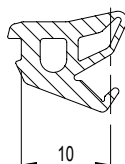
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 B=11.4
 COLOR= GREEN

CS 59Pa	CS 59-AP
CS 59	CS 68-AP
CS 59-HV	CS 77-AP
CS 59-Re	CS 77-BP
CS 59-So	CS 77-FP
CS 68	CP 96
CS 68-HV	CP 96-LS
CS 68-Re	CP 96-AP
CS 68-So	CP 96-LS/AP
VISION 50	TP 110-Re
TP 110	Eco system
TP 138	CS 38-SL
TLS 110	Eco system-AP
CP 130	CS 38-SL/AP
CP 130-LS	CS 24-SL
CP 155	Eco system 75
CW 50	CF 77
CW 60	
TR 200	
CS 77	
CS 77-HV	
CS 59Pa-AP	

080.9128.04
 BINNENBEGLAZINGSDICHTING 8-9MM
 JOINT DE VITRAGE INTERIEUR 8-9MM
 INNER GLAZING GASKET 8-9MM
 INNENVERGLASUNGSDICHTUNG 8-9MM


 H=13.4
 B=14.8
 COLOR= YELLOW

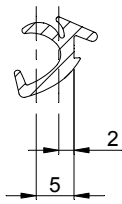
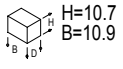
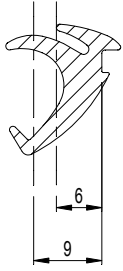
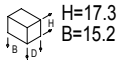
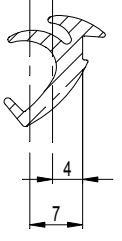
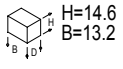
CS 59Pa	CS 59-AP
CS 59	CS 68-AP
CS 59-HV	CS 77-AP
CS 59-Re	CS 77-BP
CS 59-So	CP 96
CS 68	CP 96-LS
CS 68-HV	CP 96-AP
CS 68-Re	CP 96-LS/AP
CS 68-So	TP 110-Re
VISION 50	Eco system
TP 110	CS 38-SL
TP 138	Eco system-AP
TLS 110	CS 38-SL/AP
CP 130	CS 24-SL
CP 130-LS	Eco system 75
CP 155	CF 77
CW 50	
CW 60	
TR 200	
CS 77	
CS 77-HV	
CS 59Pa-AP	

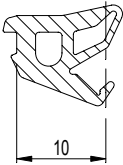
080.9130.04
 BINNENBEGLAZINGSDICHTING 10MM
 JOINT DE VITRAGE INTERIEUR 10MM
 INNER GLAZING GASKET 10MM
 INNENVERGLASUNGSDICHTUNG 10MM


 H=13.4
 B=15.8
 COLOR= VIOLET

CS 59Pa	CS 77-AP
CS 59	CS 77-BP
CS 59-HV	CP 96
CS 59-Re	CP 45Pa
CS 59-So	CP 96-LS
CS 68	CP 96-AP
CS 68-HV	CP 96-LS/AP
CS 68-Re	TP 110-Re
CS 68-So	Eco system
VISION 50	CS 38-SL
TP 110	Eco system-AP
TP 138	CS 38-SL/AP
TLS 110	CS 24-SL
CP 155	Eco system 75
CW 50	CF 77
CW 60	
TR 200	
CS 77	
CS 77-HV	
CS 59Pa-AP	
CS 59-AP	
CS 68-AP	



 	022.1077.SY BEGLAZINGSDICHTING DROGE BEGLAZING 3-5MM JOINT DE VITRAGE - VITRAGE SEC 3-5MM GLAZING GASKET DRY GLAZING 3-5MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 3-5MM	CW 60 007.0125.XX CW 50 CW 86 CW 65-EF CW 65-EF/Hi HIFI VISION 55Th CW 86-EF CD 50		
 	022.1078.SY BEGLAZINGSDICHTING DROGE BEGLAZING 6-9MM JOINT DE VITRAGE - VITRAGE SEC 6-9MM GLAZING GASKET DRY GLAZING 6-9MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 6-9MM	CW 60 007.0125.XX CW 50 CW 86 CW 65-EF CW 65-EF/Hi HIFI VISION 55Th CW 86-EF CD 50		
 	022.1079.SY BEGLAZINGSDICHTING DROGE BEGLAZING 4-7MM JOINT DE VITRAGE - VITRAGE SEC 4-7MM GLAZING GASKET DRY GLAZING 4-7MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 4-7MM	CW 60 007.0125.XX CW 50 CW 86 CW 65-EF CW 65-EF/Hi HIFI VISION 55Th CW 86-EF		

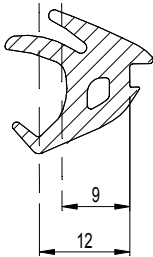


H=13.4
B=15.8
COLOR= VIOLET

080.9130.04

BINNENBEGLAZINGSDICHTING 10MM
JOINT DE VITRAGE INTERIEUR 10MM
INNER GLAZING GASKET 10MM
INNENVERGLASUNGSDICHTUNG 10MM

CS 59Pa	CS 59-AP
CS 59	CS 68-AP
CS 59-HV	CS 77-AP
CS 59-Re	CS 77-BP
CS 59-So	CP 96
CS 68	CP 45Pa
CS 68-HV	CP 96-LS
CS 68-Re	CP 96-AP
CS 68-So	CP 96-LS/AP
VISION 50	TP 110-Re
TP 110	Eco system
TP 138	CS 38-SL
TLS 110	Eco system-AP
CP 130	CS 38-SL/AP
CP 130-LS	CS 24-SL
CP 155	Eco system 75
CW 50	CF 77
CW 60	CS 77-SP
TR 200	
CS 77	
CS 77-HV	
CS 59Pa-AP	

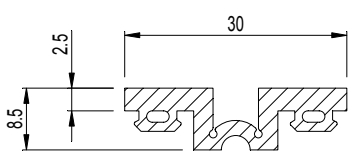
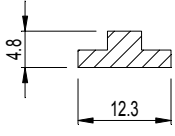
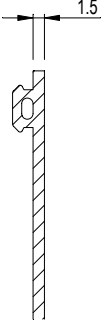


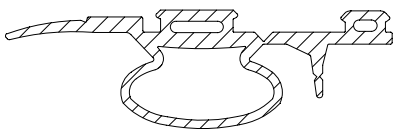
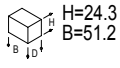
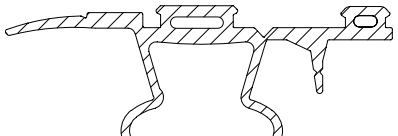
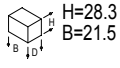
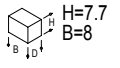
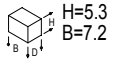
H=19
B=19.6

080.9391.04

BEGLAZINGSDICHTING DROGE BEGLAZING 9-12MM
JOINT DE VITRAGE - VITRAGE SEC 9-12MM
GLAZING GASKET DRY GLAZING 9-12MM
VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 9-12MM

CW 86
CW 86-EF
CW 86-EF/Hi
CW 65-EF
CW 65-EF/Hi
CW 50
CW 60

 $H=8.5$ $B=30$	080.9330.04 SCHARNIERENDE DICHTING JOINT CHARNIERE HINGING GASKET GELENKIGE ABDICHTUNG	 CW 60 034.1564.XX 034.1565.XX CW 50 CW 50-RA		  
 $H=4.8$ $B=12.3$	080.9503.04 RUBBER DILATATIEPROFIEL JOINT PROFILE DE DILATATION GASKET EXPANSION PROFILE DICHTUNG AUSDEHNUNGSPROFIL	 CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 TR 200 CW 50-SC CW 50-SG CW 60-SG CW 60-SC CW 60-HI CW 60-HL		
 $H=250$ $B=4.2$	080.9800.04 DICHTING MUURAANSLUITING JOINT RACCORD MURAL GASKET WALL SECTION DICHTUNG MAUERANSCHLUSS	 CW 60 034.0160.XX CW 60-SG 034.0160.XX CW 60-SC 034.0160.XX CW 60-HI 034.0160.XX CW 60-HL	034.0160.XX CW 50 CW 50-HI CW 50-HL CW 50-RA CW 50-SC CW 50-SG CW 50-SL CS 86-HI CS 104	

 	080.9305.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG		CW 60-HL 034.1121.XX 034.0155.XX CW 50-HL		
 	080.9306.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG		CW 60-HL 034.1121.XX 034.0155.XX CW 50-HL		
 	080.9430.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG		CW 60 007.0775.XX 007.1765.XX TP 110 CP 130 CW 50 CR 120 CP 96-LS CP 96-LS/AP TP 110-Re Eco system Eco system-AP	CP 155 CP 155-LS TR 200	
 	080.9445.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG		CS 59Pa CS 59 CS 68 CW 50 CW 50-RA CW 60 CS 77		



080.9381.04

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

CW 60 034.0160.XX	CP 96 CP 45Pa CW 86-EF CP 96-LS TP 110-Re CS 38-SL CS 38-SL/AP PR 100 Eco system 75 CS 104 CS 77-SP
CW 60-SG 034.0160.XX	
CW 60-SC 034.0160.XX	
CW 60-HI 034.0160.XX	
CW 60-HL 034.0160.XX	
CS 59 CW 50 CW 50-HI CW 50-HL CW 50-RA CW 50-SC CW 50-SG CW 50-SL Eco system Eco system-AP CS 24-SL CS 24-SL/AP CW 65-EF CW 65-EF/SG CW 65-EF/HI	
CS 59Pa CS 59-HV CS 59-Re CS 59-So CS 68 CS 68-HV CS 68-Re CS 68-So VISION 50 TP 110 TP 138 TLS 110 CP 130 CP 130-LS CP 155 CP 155-LS TR 200 BOREALE CR 120 CS 77 CW 86 CS 77-HV REYNASCREEN CS 77-FP	

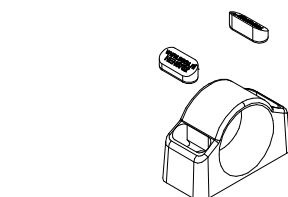
Ø4.3
EPDM DENSITY 0.5

D0056589



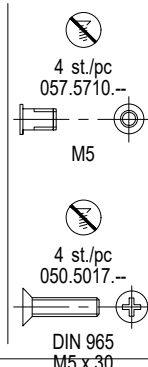
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DOORVALBEVEILIGING
PROTECTION ANTICHUTE
FALL THROUGH PROTECTION
ABSTURZSICHERUNG



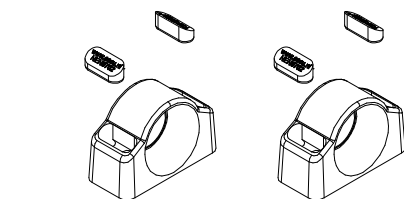
H=45.5
B=32
D=70

CW 50
CW 50-HI
CW 50-HL
CW 60
CW 86
CW 50-SC
CW 50-SG
CW 60-SG
CW 86-EF
CW 60-SC
CW 60-HI
CW 60-HL
CW 86-EF/HI



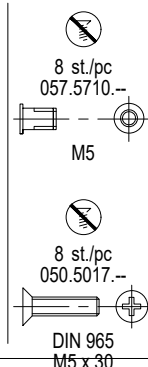
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DOORVALBEVEILIGING
PROTECTION ANTICHUTE
FALL THROUGH PROTECTION
ABSTURZSICHERUNG



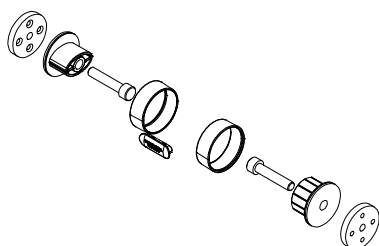
H=45.5
B=32
D=70

CW 50
CW 50-HI
CW 50-HL
CW 60
CW 86
CW 50-SC
CW 50-SG
CW 60-SG
CW 86-EF
CW 60-SC
CW 60-HI
CW 60-HL
CW 86-EF/HI



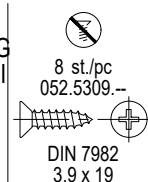
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DOORVALBEVEILIGING
PROTECTION ANTICHUTE
FALL THROUGH PROTECTION
ABSTURZSICHERUNG



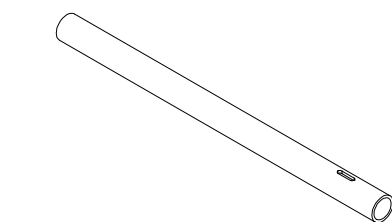
CW 50
CW 50-HI
CW 50-HL
CW 60
CW 86
CW 50-SC
CW 50-SG
CW 60-SG
CW 86-EF
CW 60-SC
CW 60-HI
CW 60-HL
CW 86-EF/HI

CW 65-EF
CW 65-EF/SG
CW 65-EF/HI



060.6712.XX

BUIS DOORVALBEVEILIGING Ø40x590MM
TUBE PROTECTION ANTICHUTE Ø40x590MM
TUBE FALL THROUGH PROTECTION Ø40x590MM
ROHR ABSTURZSICHERUNG Ø40x590MM



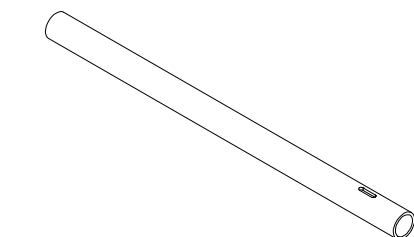
L=590
Ø40

CW 50
CW 50-HI
CW 50-HL
CW 60
CW 86
CW 50-SC
CW 50-SG
CW 60-SG
CW 86-EF
CW 60-SC
CW 60-HI
CW 60-HL
CW 86-EF/HI

CW 65-EF
CW 65-EF/SG
CW 65-EF/HI

060.6713.XX

BUIS DOORVALBEVEILIGING Ø40x650MM
TUBE PROTECTION ANTICHUTE Ø40x650MM
TUBE FALL THROUGH PROTECTION Ø40x650MM
ROHR ABSTURZSICHERUNG Ø40x650MM

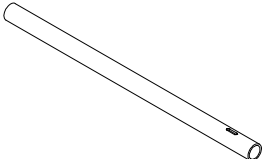
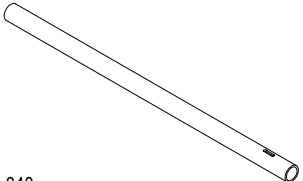
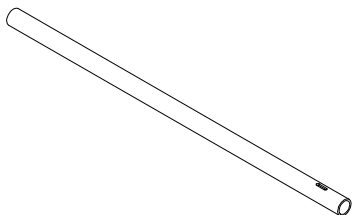
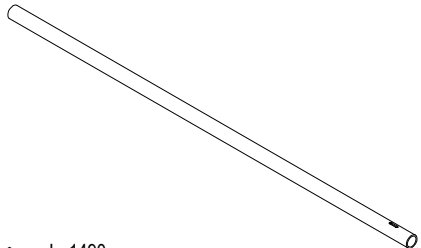
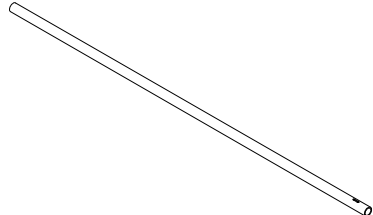


L=650
Ø40

CW 50
CW 50-HI
CW 50-HL
CW 60
CW 86
CW 50-SC
CW 50-SG
CW 60-SG
CW 86-EF
CW 60-SC
CW 60-HI
CW 60-HL
CW 86-EF/HI

CW 65-EF
CW 65-EF/SG
CW 65-EF/HI

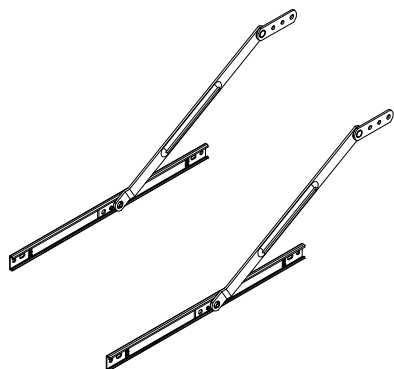


 L=730 Ø40	060.6714.XX BUIS DOORVALBEVEILIGING Ø40x730M TUBE PROTECTION ANTICHUTE Ø40x730M TUBE FALL THROUGH PROTECTION Ø40x730M ROHR ABSTURZSICHERUNG Ø40x730M	CW 50 CW 50-HI CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 60-SG CW 86-EF CW 60-SC CW 60-HI CW 60-HL CW 86-EF/HI	CW 65-EF CW 65-EF/SG CW 65-EF/HI
 L=840 Ø40	060.6715.XX BUIS DOORVALBEVEILIGING Ø40x840MM TUBE PROTECTION ANTICHUTE Ø40x840MM TUBE FALL THROUGH PROTECTION Ø40x840MM ROHR ABSTURZSICHERUNG Ø40x840MM	CW 50 CW 50-HI CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 60-SG CW 86-EF CW 60-SC CW 60-HI CW 60-HL CW 86-EF/HI	CW 65-EF CW 65-EF/SG CW 65-EF/HI
 L=990 Ø40	060.6716.XX BUIS DOORVALBEVEILIGING Ø40x990MM TUBE PROTECTION ANTICHUTE Ø40x990MM TUBE FALL THROUGH PROTECTION Ø40x990MM ROHR ABSTURZSICHERUNG Ø40x990MM	CW 50 CW 50-HI CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 60-SG CW 86-EF CW 60-SC CW 60-HI CW 60-HL CW 86-EF/HI	CW 65-EF CW 65-EF/SG CW 65-EF/HI
 L=1490 Ø40	060.6718.XX BUIS DOORVALBEVEILIGING Ø40x1490MM TUBE PROTECTION ANTICHUTE Ø40x1490MM TUBE FALL THROUGH PROTECTION Ø40x1490MM ROHR ABSTURZSICHERUNG Ø40x1490MM	CW 50 CW 50-HI CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 60-SG CW 86-EF CW 60-SC CW 60-HI CW 60-HL CW 86-EF/HI	CW 65-EF CW 65-EF/SG CW 65-EF/HI
 L=1990 Ø40	060.6719.XX BUIS DOORVALBEVEILIGING Ø40x1990MM TUBE PROTECTION ANTICHUTE Ø40x1990MM TUBE FALL THROUGH PROTECTION Ø40x1990MM ROHR ABSTURZSICHERUNG Ø40x1990MM	CW 50 CW 50-HI CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 60-SG CW 86-EF CW 60-SC CW 60-HI CW 60-HL CW 86-EF/HI	CW 65-EF CW 65-EF/SG CW 65-EF/HI



060.7169.--

BEGRENZINGSSCHAAR 401.4MM
LIMITATEUR D'OUVERTURE 401.4MM
RESTRICTOR 401.4MM
BEGRENZUNGSSCHERE 401.4MM



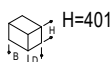
CW 60
034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX

CW 50
CW 50-HL
CW 50-SC
CW 50-SG
CW 65-EF
CW 50-VL

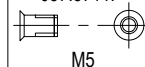
CW 60-SC
034.0155.XX
034.0156.XX
034.1121.XX
034.1122.XX

CW 86
CW 86-EF

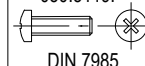
CW 60-HL
034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX



6 st./pc
057.5711.--



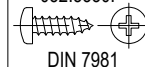
6 st./pc
050.5119.--



DIN 7985
M5 x 12



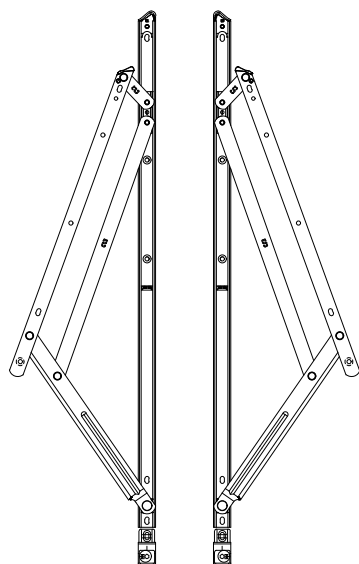
8 st./pc
052.5330.--



DIN 7981
4.8 x 13

060.8370.--

SCHAAR 716.5MM 180KG
COMPAS 716.5MM 180KG
FRICTION STAYS 716.5MM 180KG
AUSSTELLSCHERE 716.5MM 180KG



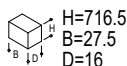
CW 60
034.0155.XX
034.0156.XX
034.0157.XX

CW 86
CW 86-EF

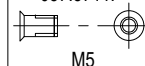
CW 60-SC
034.0155.XX
034.0156.XX

CW 60-HL
034.0155.XX
034.0156.XX
034.0157.XX

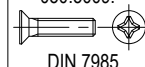
CW 50
CW 50-HL
CW 50-SC
CW 50-SG
CW 65-EF
CW 50-VL



12 st./pc
057.5711.--



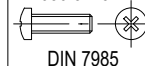
4 st./pc
050.5009.--



DIN 7985
M5 x 16



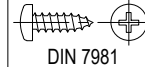
12 st./pc
050.5119.--



DIN 7985
M5 x 12

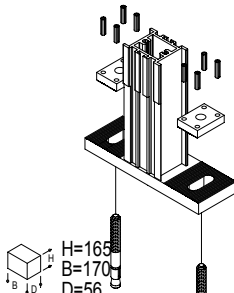
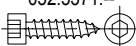
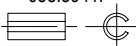
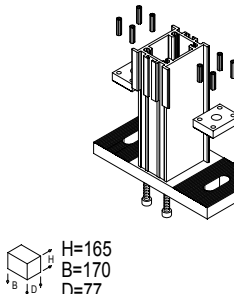
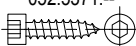
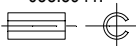
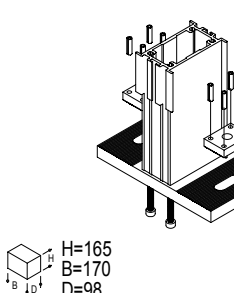
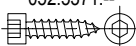
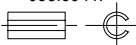
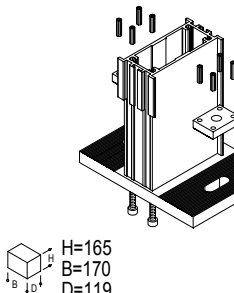
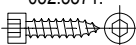
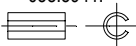
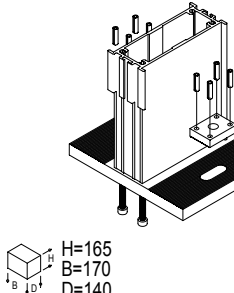
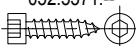
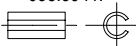


4 st./pc
052.5344.--

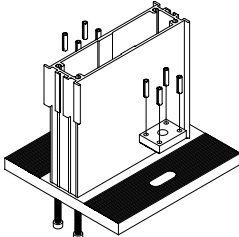
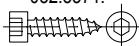
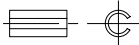
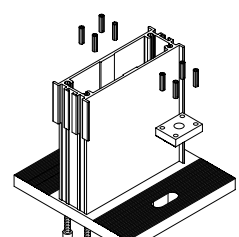
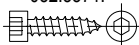
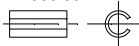
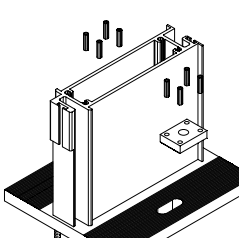
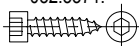
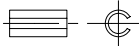
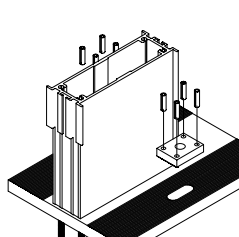
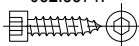
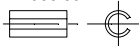
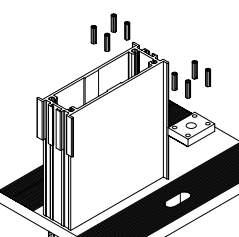
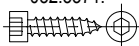
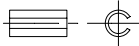


DIN 7981
5.5 x 13

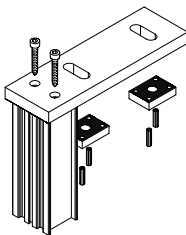
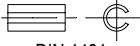
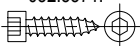
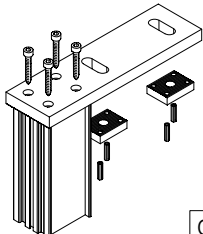
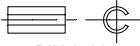
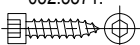
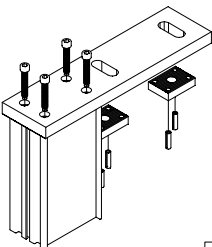
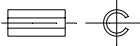
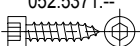
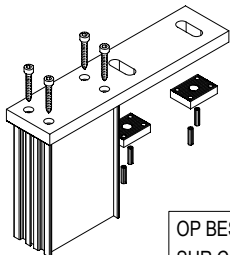
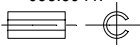
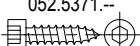


 H=165 B=170 D=56 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7600.-- BODEMANKER 56MM ANCRAGE AU SOL 56MM BOTTOM ANCHOR 56MM BODENANKER 56MM	CW 60 034.1601.XX CW 60-SG 034.1601.XX CW 60-SC 034.1601.XX CW 60-HI 034.1601.XX CW 60-HL	034.1601.XX	2 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=77 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7601.-- BODEMANKER 77MM ANCRAGE AU SOL 77MM BOTTOM ANCHOR 77MM BODENANKER 77MM	CW 60 034.1602.XX CW 60-SG 034.1602.XX CW 60-SC 034.1602.XX CW 60-HI 034.1602.XX CW 60-HL	034.1602.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=98 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7602.-- BODEMANKER 98MM ANCRAGE AU SOL 98MM BOTTOM ANCHOR 98MM BODENANKER 98MM	CW 60 034.1604.XX CW 60-SG 034.1604.XX CW 60-SC 034.1604.XX CW 60-HI 034.1604.XX CW 60-HL	034.1604.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=119 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7603.-- BODEMANKER 119MM ANCRAGE AU SOL 119MM BOTTOM ANCHOR 119MM BODENANKER 119MM	CW 60 034.1605.XX CW 60-SG 034.1605.XX CW 60-SC 034.1605.XX CW 60-HI 034.1605.XX CW 60-HL	034.1605.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=140 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7604.-- BODEMANKER 140MM ANCRAGE AU SOL 140MM BOTTOM ANCHOR 140MM BODENANKER 140MM	CW 60 034.1606.XX CW 60-SG 034.1606.XX CW 60-SC 034.1606.XX CW 60-HI 034.1606.XX CW 60-HL	034.1606.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20

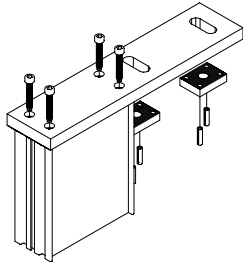
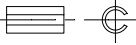
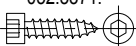
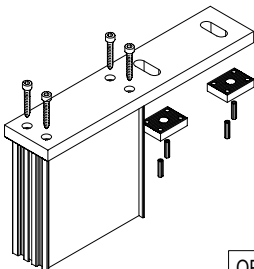
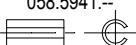
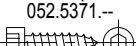
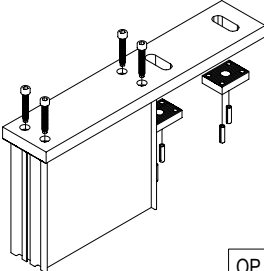
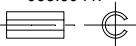
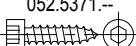
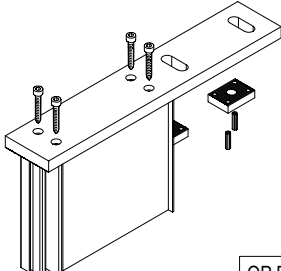
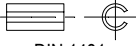
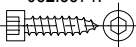


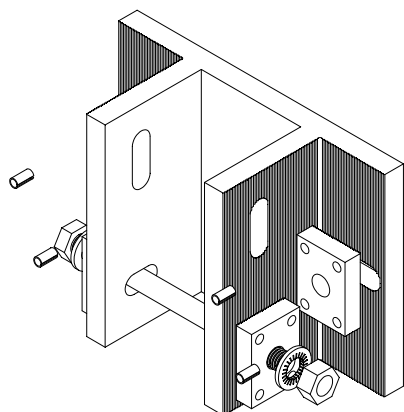
 H=165 B=170 D=161 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7605.-- BODEMANKER 161MM ANCRAGE AU SOL 161MM BOTTOM ANCHOR 161MM BODENANKER 161MM	CW 60 034.1607.XX CW 60-SG 034.1607.XX CW 60-SC 034.1607.XX CW 60-HI 034.1607.XX CW 60-HL	034.1607.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=182 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7606.-- BODEMANKER 182MM ANCRAGE AU SOL 182MM BOTTOM ANCHOR 182MM BODENANKER 182MM	CW 60 034.1608.XX CW 60-SG 034.1608.XX CW 60-SC 034.1608.XX CW 60-HI 034.1608.XX CW 60-HL	034.1608.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=203 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7607.-- BODEMANKER 203MM ANCRAGE AU SOL 203MM BOTTOM ANCHOR 203MM BODENANKER 203MM	CW 60 034.1609.XX CW 60-SG 034.1609.XX CW 60-SC 034.1609.XX CW 60-HI 034.1609.XX CW 60-HL	034.1609.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=224 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7608.-- BODEMANKER 224MM ANCRAGE AU SOL 224MM BOTTOM ANCHOR 224MM BODENANKER 224MM	CW 60 034.1610.XX CW 60-SG 034.1610.XX CW 60-SC 034.1610.XX CW 60-HI 034.1610.XX CW 60-HL	034.1610.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20
 H=165 B=170 D=245 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7609.-- BODEMANKER 245MM ANCRAGE AU SOL 245MM BOTTOM ANCHOR 245MM BODENANKER 245MM	CW 60 034.1611.XX CW 60-SG 034.1611.XX CW 60-SC 034.1611.XX CW 60-HI 034.1611.XX CW 60-HL	034.1611.XX	4 st./pc 052.5371.--  6.3 x 38 8 st./pc 058.5941.--  DIN 1481 Ø5 x 20



 H=165 B=65 D=208 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7645.-- PLAFONDANKER 208MM ANCRAGE AU PLAFOND 208MM CEILING ANCHOR 208MM DECKENANKER 208MM	CW 60 034.1601.XX CW 60-SG 034.1601.XX CW 60-SC 034.1601.XX CW 60-HI 034.1601.XX CW 60-HL 034.1601.XX	4 st./pc 058.5941.--  DIN 1481 Ø5 x 20 2 st./pc 052.5371.--  6.3 x 38
 H=165 B=65 D=228 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7646.-- PLAFONDANKER 228MM ANCRAGE AU PLAFOND 228MM CEILING ANCHOR 228MM DECKENANKER 228MM	CW 60 034.1602.XX CW 60-SG 034.1602.XX CW 60-SC 034.1602.XX CW 60-HI 034.1602.XX CW 60-HL 034.1602.XX	4 st./pc 058.5941.--  DIN 1481 Ø5 x 20 4 st./pc 052.5371.--  6.3 x 38
 H=165 B=65 D=248 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7647.-- PLAFONDANKER 248MM ANCRAGE AU PLAFOND 248MM CEILING ANCHOR 248MM DECKENANKER 248MM	CW 60 034.1604.XX CW 60-SG 034.1604.XX CW 60-SC 034.1604.XX CW 60-HI 034.1604.XX CW 60-HL 034.1604.XX	4 st./pc 058.5941.--  DIN 1481 Ø5 x 20 4 st./pc 052.5371.--  6.3 x 38
 H=165 B=65 D=268 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED	073.7648.-- PLAFONDANKER 268MM ANCRAGE AU PLAFOND 268MM CEILING ANCHOR 268MM DECKENANKER 268MM	CW 60 034.1605.XX CW 60-SG 034.1605.XX CW 60-SC 034.1605.XX CW 60-HI 034.1605.XX CW 60-HL 034.1605.XX	4 st./pc 058.5941.--  DIN 1481 Ø5 x 20 4 st./pc 052.5371.--  6.3 x 38



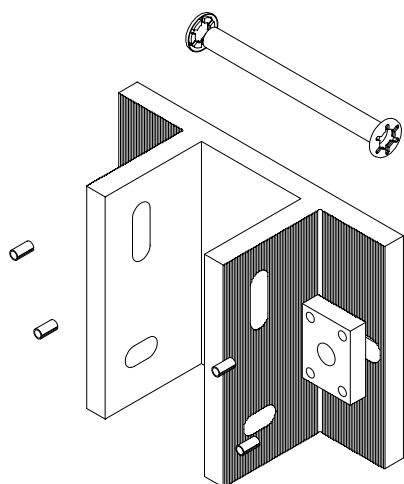
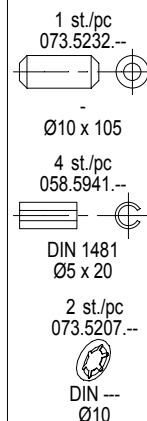
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 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED H=165 B=65 D=308	073.7650.-- PLAFONDANKER 308MM ANCRAGE AU PLAFOND 308MM CEILING ANCHOR 308MM DECKENANKER 308MM	CW 60 034.1607.XX CW 60-SG 034.1607.XX CW 60-SC 034.1607.XX CW 60-HI 034.1607.XX CW 60-HL 034.1607.XX	4 st./pc 058.5941.--  DIN 1481 Ø5 x 20 4 st./pc 052.5371.--  - 6.3 x 38
 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED H=165 B=65 D=328	073.7651.-- PLAFONDANKER 328MM ANCRAGE AU PLAFOND 328MM CEILING ANCHOR 328MM DECKENANKER 328MM	CW 60 034.1608.XX CW 60-SG 034.1608.XX CW 60-SC 034.1608.XX CW 60-HI 034.1608.XX CW 60-HL 034.1608.XX	4 st./pc 058.5941.--  DIN 1481 Ø5 x 20 4 st./pc 052.5371.--  - 6.3 x 38
 OP BESTELLING SUR COMMANDE AUF ANFRAGE TO BE ORDERED H=165 B=65 D=348	073.7652.-- PLAFONDANKER 348MM ANCRAGE AU PLAFOND 348MM CEILING ANCHOR 348MM DECKENANKER 348MM	CW 60 034.1609.XX CW 60-SG 034.1609.XX CW 60-SC 034.1609.XX CW 60-HI 034.1609.XX CW 60-HL 034.1609.XX	4 st./pc 058.5941.--  DIN 1481 Ø5 x 20 4 st./pc 052.5371.--  - 6.3 x 38

**073.7703.--**

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FIXED INTERMEDIATE ANCHORING
FESTE ZWISCHENVERANKERUNG

CW 60	034.1609.XX	034.1605.XX			
034.1601.XX	034.1610.XX	034.1606.XX			
034.1602.XX	034.1611.XX	034.1607.XX			
034.1604.XX		034.1608.XX			
034.1605.XX	CW 60-SC	034.1609.XX			
034.1606.XX	034.1601.XX	034.1610.XX			
034.1607.XX	034.1602.XX	034.1611.XX			
034.1608.XX	034.1604.XX				
034.1609.XX	034.1605.XX	CW 60-HL			
034.1610.XX	034.1606.XX	034.1601.XX			
034.1611.XX	034.1607.XX	034.1602.XX			
	034.1608.XX	034.1604.XX			
CW 60-SG	034.1609.XX	034.1605.XX			
034.1601.XX	034.1610.XX	034.1606.XX			
034.1602.XX	034.1611.XX	034.1607.XX			
034.1604.XX		034.1608.XX			
034.1605.XX	CW 60-HI	034.1609.XX			
034.1606.XX	034.1601.XX	034.1610.XX			
034.1607.XX	034.1602.XX	034.1611.XX			
034.1608.XX	034.1604.XX				

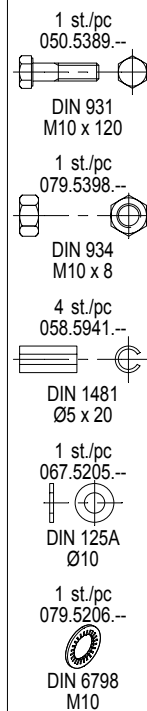
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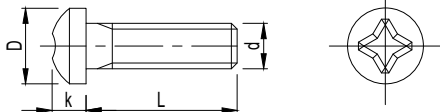
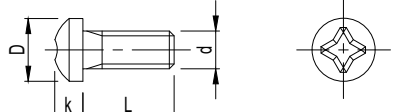
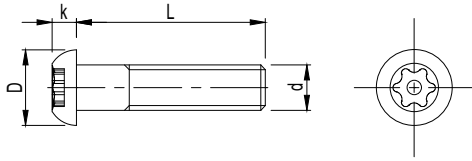
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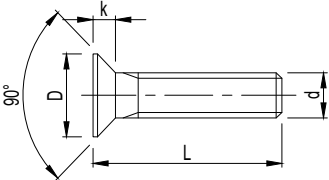
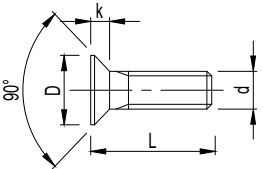
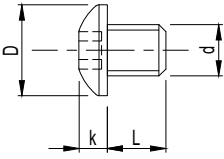
TUSSENVERANKERING LOS
ANCRAGE INTERMEDIAIRE
LOOSE INTERMEDIATE ANCHORING
FREIE ZWISCHENVERANKERUNG

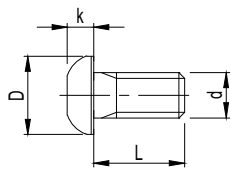
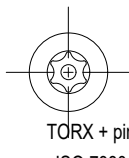
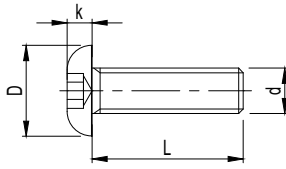
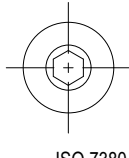
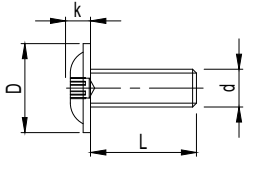
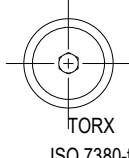
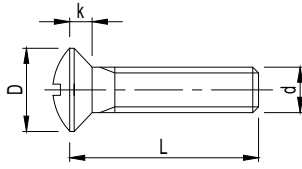
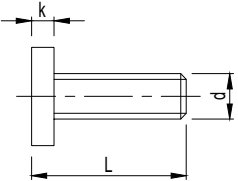
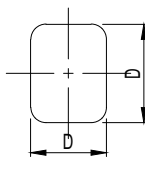
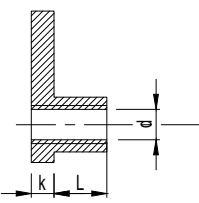
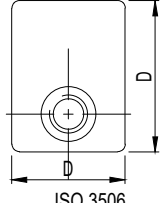
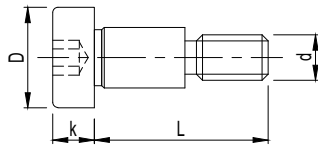
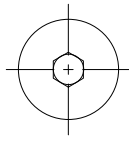
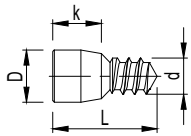
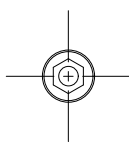
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034.1602.XX	034.1611.XX	034.1607.XX			
034.1604.XX		034.1608.XX			
034.1605.XX	CW 60-SC	034.1609.XX			
034.1606.XX	034.1601.XX	034.1610.XX			
034.1607.XX	034.1602.XX	034.1611.XX			
034.1608.XX	034.1604.XX				
034.1609.XX	034.1605.XX	CW 60-HL			
034.1610.XX	034.1606.XX	034.1601.XX			
034.1611.XX	034.1607.XX	034.1602.XX			
	034.1608.XX	034.1604.XX			
CW 60-SG	034.1609.XX	034.1605.XX			
034.1601.XX	034.1610.XX	034.1606.XX			
034.1602.XX	034.1611.XX	034.1607.XX			
034.1604.XX		034.1608.XX			
034.1605.XX	CW 60-HI	034.1609.XX			
034.1606.XX	034.1601.XX	034.1610.XX			
034.1607.XX	034.1602.XX	034.1611.XX			
034.1608.XX	034.1604.XX				

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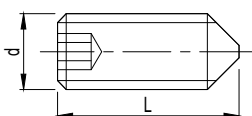
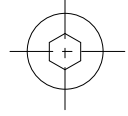
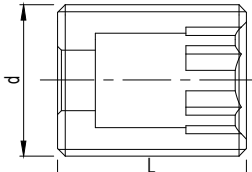
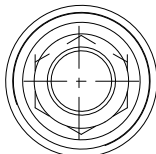
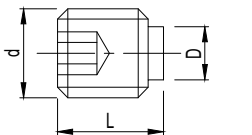
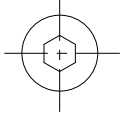
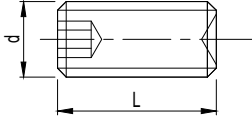
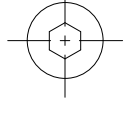
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	050.5092.--	M4	8	3.1	8
	050.5109.--	M4	12	3.1	8
	050.5066.--	M4	14	2.5	6.5
	050.5019.--	M4	18	3.1	8
	050.5035.--	M4	60	3.1	8
	050.5010.--	M5	6	3.8	10
	050.5110.--	M5	8	3.8	10
	050.5106.--	M5	10	3.8	9.8
	050.5016.--	M5	12	3.8	10
	050.5013.--	M5	16	3.8	10
	050.5014.--	M5	20	3.8	10
	050.5111.--	M6	8	4.6	12
	050.5116.--	M6	16	4.6	12
	050.5112.--	M6	25	4.6	12
	050.5113.--	M6	115	4.6	10
DIN 7985 ISO 7045					
	050.5118.--	M5	6	3.8	10
	050.5117.--	M5	8	3.8	10
	050.5119.--	M5	12	3.8	10
	050.5026.--	M5	14	3.8	10
	050.5020.--	M5	16	3.8	9.5
DIN 7985 ISO 7045	SCHROEF MET BORGINGSVERF VIS AVEC COLLE DE BLOCAGE SCREW WITH LOCK PAINT SCHRAUBE MIT SICHERUNGSFARBE				
	030.5039.--	M6	20	3.2	10
	030.5040.--	M6	25	3.2	10
	030.5041.--	M10	40	5.2	17.5
TORX + pin ISO 14583	BEVEILIGINGSSCHROEF SÉCURITÉ VIS SECURITY SCREW SICHERHEITSSCHRAUBE				

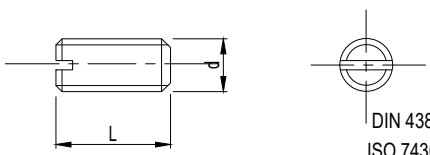
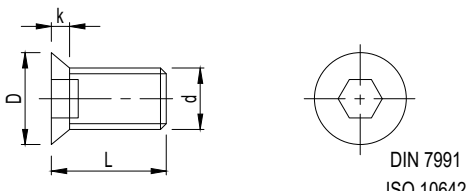
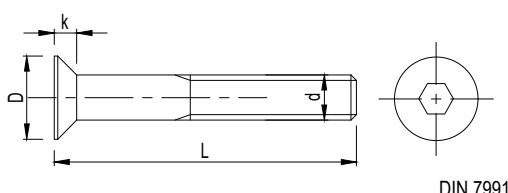
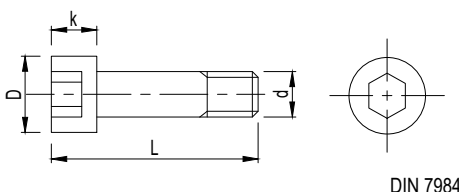
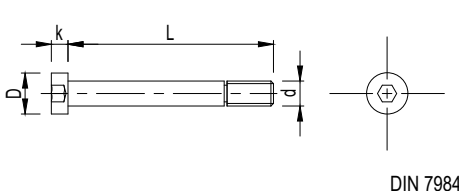
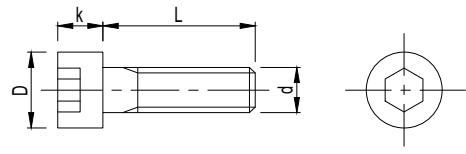
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	050.5082.--	M5	70	2.5	9.2
	050.5074.--	M5	75	2.5	9.2
	050.5083.--	M5	80	2.5	9.2
	050.5086.--	M5	85	2.7	9.3
	050.5084.--	M5	90	2.5	9.2
	050.5008.--*	M5	95	2.5	9.2
	050.5036.--	M5	100	2.5	9.2
	050.5085.--	M5	110	2.5	9.2
	050.5139.--	M6	8	3	11
	050.5140.--	M6	10	3	11
	050.5053.--	M6	12	3	11
	050.5060.--	M6	16	4	11
	050.5050.--	M6	25	3	11
	050.5051.--	M6	30	3	11
	050.5052.--	M6	35	3	11
	050.5055.--	M6	45	3	11
	050.5126.--	M6	60	3.3	11.3
	050.5121.--	M6	65	3	11
	050.5141.--	M6	70	3	11
	050.5122.--	M6	75	3	11
	050.5142.--	M6	80	3	9.2
	050.5143.--	M6	85	3.3	11.3
	050.5123.--	M6	90	3	11
	050.5124.--	M6	100	3	11
	050.5125.--	M6	110	3.3	11.3
	050.5075.--	M8	20	4	14.5
DIN 965 ISO 7046	* used in assembly, sales = no				
	050.5000.--	M5	10	2.5	9.2
	050.5009.--	M5	16	2.5	9.2
	050.5012.--	M5	12	2.5	9.2
	050.5080.--	M5	40	2.5	9.2
DIN 965 ISO 7046	SCHROEF MET BORGINGSVERF VIS AVEC COLLE DE BLOCAGE SCREW WITH LOCK PAINT SCHRAUBE MIT SICHERUNGSFARBE				
	050.5229.--*	M3	6	1.7	5.7
	050.5230.--	M8	10	4.4	14
ISO 7380	* used in assembly, sales = no				

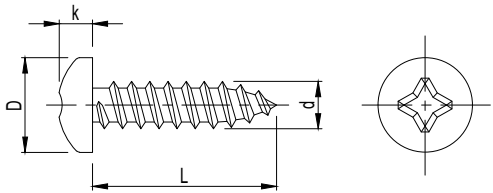
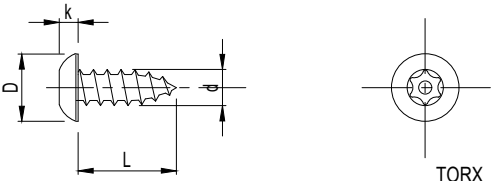
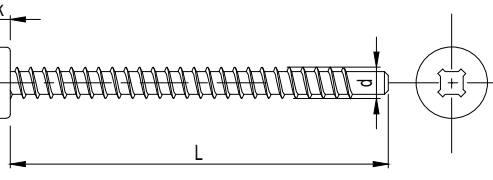
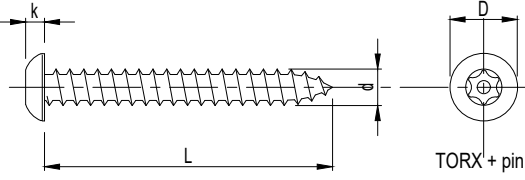
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		050.5114.-- 050.5115.-- BEVEILIGINGSCHROEF SÉCURITÉ VIS SECURITY SCREW SICHERHEITSSCHRAUBE	M6 M6	12 30	3.5 3.5	10.35 10.35
		030.5042.-- 030.5043.-- 030.5044.--	M6 M6 M10	20 25 40	3.3 3.3 5.5	12 12 20
		050.5227.--	M5	14	2.7	11.8
		050.5191.--	M6	45	3	11
		050.5381.--	M6	16	3	10x14
		050.5398.--	M5	7	3	15x20
		050.5196.-- 050.5195.--	M6 M8	23 33	5.5 7	13.27 16
		050.5153.--	4.8	13.8	6.4	6.9

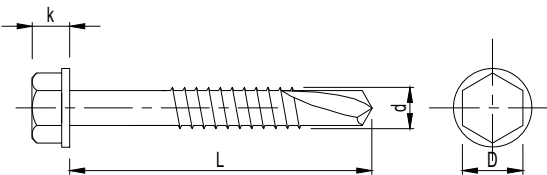
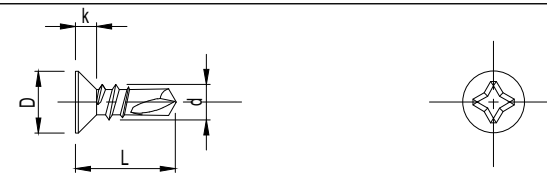
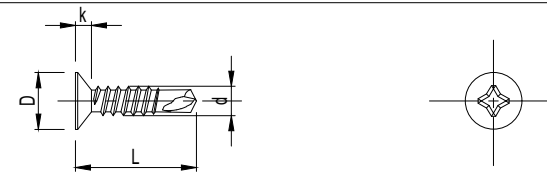
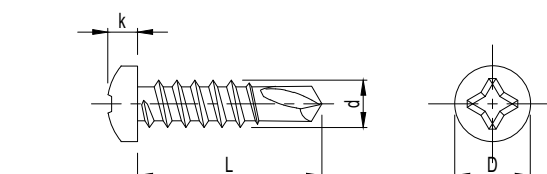
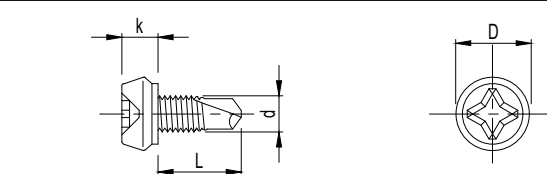
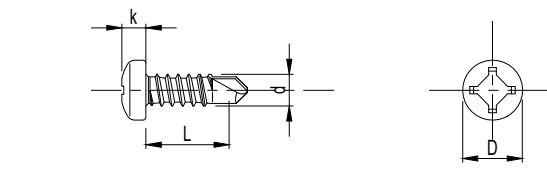
		d	afm. dimen. L	dimen. Masse k	D
	030.5047.--	4.8	13.8	6.4	6.4
	050.5270.-- 050.5271.-- 050.5202.-- 050.5391.-- 050.5204.-- 050.5200.-- 050.5203.-- 050.5205.-- 050.5201.--	M4 M4 M6 M6 M10 M10 M10 M10 M10	6 10 12 20 22 40 60 70 80	2.8 2.8 4 4 6.4 6.4 6.4 6.4 6.4	7 7 10 10 17 17 17 17 17
	DIN 933 ISO 4017				
	050.5388.-- 050.5389.--	M10 M10	100 130	6.4 6.4	17 17
	DIN 931 ISO 4014				
	050.5042.-- 050.5040.-- 050.5041.-- 050.5093.-- 050.5091.-- 050.5094.--	M5 M6 M6 M8 M8 M8	10 10 12 8 10 15	2.8 4 3.3 2.4 2.4 2.4	10 12 12 12 12 12
	DIN 7991 ISO 10642				
	051.5257.-- 051.5262.-- 051.5263.--* 051.5277.-- 051.5264.--* 051.5291.-- 051.5292.-- 051.5299.--*	M5 M6 M6 M6 M6 M8 M8 M12	12 8 12 16 20 8 12 12		
	DIN 913 ISO 4026				
	051.5257.--	M5	12		
	DIN 914 ISO 4027				

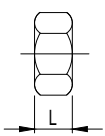
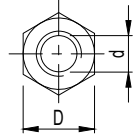
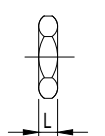
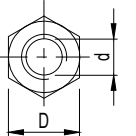
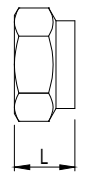
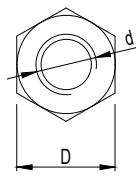
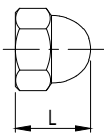
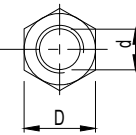
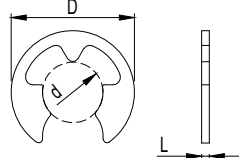
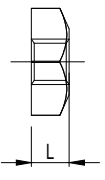
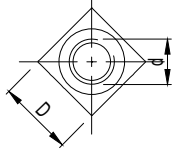
* used in assembly, sales = no

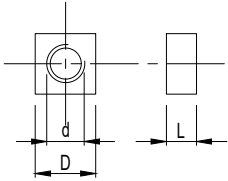
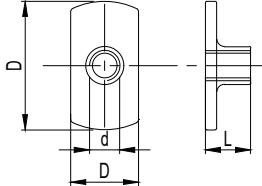
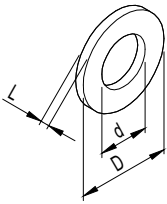
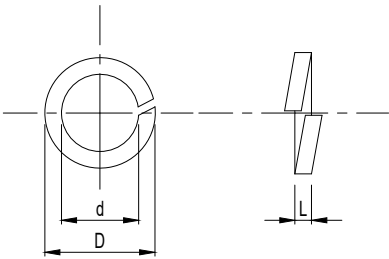
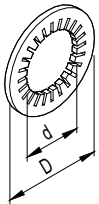
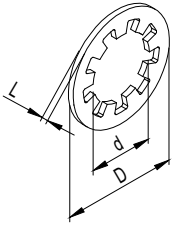
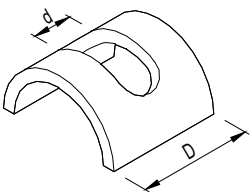
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  DIN 914 ISO 4027	051.5265.--	M4	4			
	051.5273.--	M4	5			
	051.5279.--	M4	10			
	151.5279.--	M4	12			
	051.5272.--	M5	6			
	051.5252.--	M5	12			
	051.5274.--	M6	6			
	051.5278.--	M6	16			
	051.5270.--	M8	8			
	051.5271.--	M6	10			
	051.5269.--	M8	12			
	*used in assembly, sales = no					
  DIN 914 ISO 4027	051.5241.--	M5	25			
	051.5242.--	M5	35			
	051.5243.--	M5	50			
  ISO 2768-m	051.5309.17*	M20	25			
  DIN 915 ISO 4028	051.5254.--	M5	6		3.5	
	051.5255.--	M5	12		3.5	
	051.5253.--	M5	35		3.8	
  DIN 916 ISO 4029	051.5284.--	M4	5			
	051.5266.--	M4	6			
	051.5282.--	M4	8			
	051.5281.--	M4	10			
	051.5240.--	M5	6			
	051.5285.--	M5	8			
	051.5250.--	M5	10			
	051.5280.--	M5	12			
	051.5290.--	M8	10			

	d	afm. dimen. L	dimen. Masse k	D
 DIN 438 ISO 7436	M4	6		
 DIN 7991 ISO 10642	M4	6	2.2	7.5
 DIN 7991	M6	40	3	11
 DIN 7984	M6 M6	29 54	4 4	10 10
 DIN 7984	M6	50	4	10
 DIN 912 ISO 4762	M6 M6	16 18	6 6	10 10

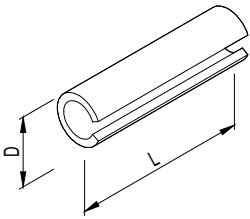
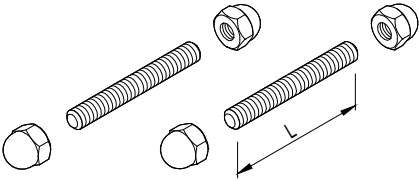
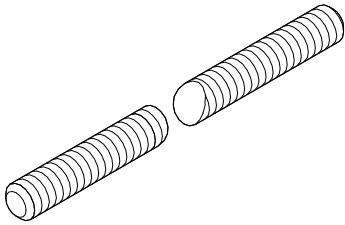
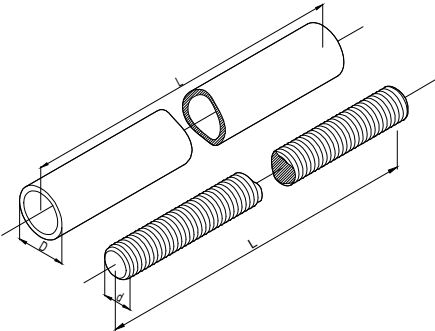
		d	afm. dimen. L	dimen. Masse k	D
	052.5320.--	3.5	9.5	2.6	6.9
	052.5200.--	3.9	19	2.8	7.5
	052.5360.--	4.2	9.5	3.05	8.2
	052.5317.--	4.2	13	3.05	8.2
	052.5310.--	4.2	16	3.05	8.2
	052.5347.--	4.2	19	3.05	6.2
	052.5315.--	4.2	25	3.05	8.2
	052.5321.--	4.2	32	3.05	8.2
	052.5314.--	4.2	50	3.05	8.2
	052.5330.--	4.8	13	3.55	9.5
	052.5300.--	4.8	19	3.55	9.5
	052.5301.--	4.8	38	3.55	9.5
	052.5302.--	4.8	50	3.55	9.5
	052.5323.--	4.8	60	3.55	9.5
	052.5306.--	4.8	70	3.55	9.5
	052.5305.--	4.8	80	3.55	9.5
	052.5304.--	4.8	90	3.55	9.5
	052.5344.--	5.5	13	3.95	10.8
	052.5343.--	5.5	25	3.95	10.8
	052.5342.--	5.5	32	3.95	10.8
	052.5341.--	5.5	38	3.95	10.8
	052.5340.--	5.5	45	3.95	10.8
 DIN 7981 ISO 7049	052.5350.--	6.3	25	4.55	12.5
	052.5351.--	6.3	38	4.55	12.5
	052.5307.--	3.5	19	4.5	6.9
	052.6330.--	4.8	13	3.1	9.5
	152.5299.--	4.8	16	3.55	9.5
 TORX DIN 7981 ISO 3506	152.5301.--	4.8	38	3.55	9.5
	152.5381.--	6.3	38	4.55	12.5
	052.5325.--	4.2	50	3	9.4
	052.5400.--	4.8	38	2.5	8.9
 TORX + pin ISO 3506-1	BEVEILIGINGSCHROEF SÉCURITÉ VIS SECURITY SCREW SICHERHEITSSCHRAUBE				

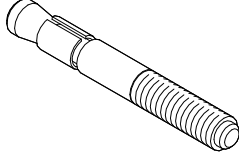
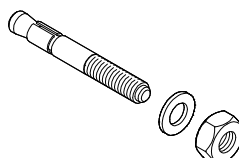
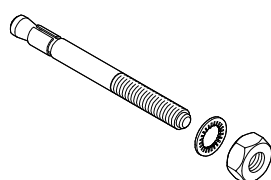
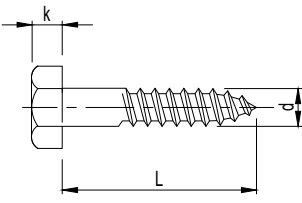
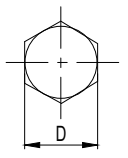
		d	afm. dimen. L	dimen. Masse k	D
 BIMETAL DRILL IN STEEL DIN 7168m	053.5199.--	5.5	70	5	8
	053.5200.--	5.5	90	5	8
	053.5201.--	5.5	110	5	8
 DIN 7504N	053.5403.--	4.2	13	2.5	8.1
 DIN 7504P	053.5409.--	3.9	16	2.1	7.5
	053.5406.--	4.2	16	3.1	8.1
	053.5401.--	4.2	25	2.5	8.1
 DIN 7504N	053.5412.--	4.2	19	2.5	8.1
	053.5404.--	4.2	19	2.5	10
	053.5402.--	4.2	38	2.5	8.1
	0FR.9881.--	4.8	25	3.55	9.5
	053.5411.--	4.8	32	3.55	9.5
	053.5413.--	4.8	50	3.55	9.5
	053.5414.--	4.8	60	3.7	9.5
	053.5415.--	4.8	70	3.7	9.5
	021.5169.--	M5	11	4.8	9.7
	024.5521.--	M5	14	4.8	9.7
	053.5405.--	4.2	13	3.2	7.9

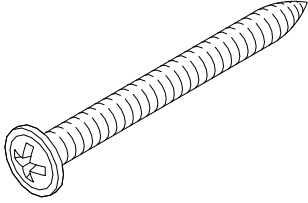
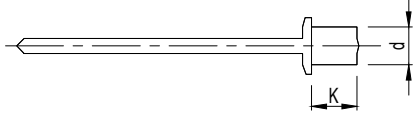
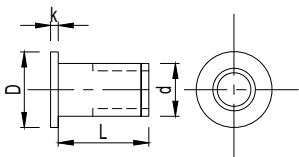
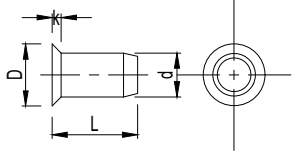
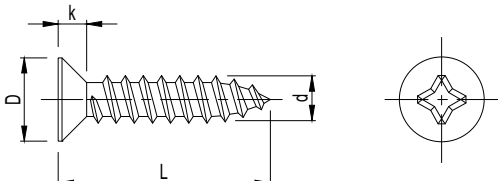
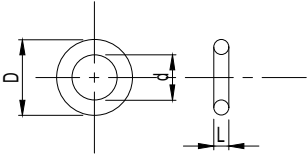
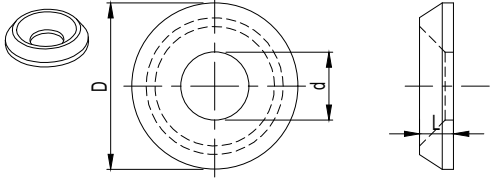
		d	afm. dimen. L	dimen. Masse k	D
  DIN 934 ISO 4032	050.5400.-- 050.5396.-- 050.5395.-- 050.5392.-- 079.5398.--* * UK market	M4 M5 M6 M8 M10	3.2 4 5 5.5 8		7 8 10 13 17
  DIN 439 ISO 4035	050.5401.--	M10	5		17
  DIN 985 ISO 10511	050.5407.-- 050.5394.-- 050.5403.-- 050.5393.-- ZESKANTMOER ZELFBORGEND ECROU HEXAGONALE AUTOBLOQUANTE HEXAGON NUT SELF-LOCKING SECHSKANTMUTTER SELBSTSICHEREND	M6 M8 M10 M12	6 8 10 12		10 13 17 19
  DIN 1587	067.5200.-- 067.5201.-- 067.5202.--	M6 M10 M12	12 18 22		10 17 19
 DIN 6799	054.5451.--* * used in assembly, sales = no	8	1		16.3
 	030.5711.--	M6	5		10.1

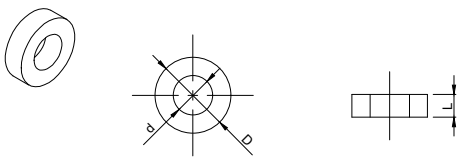
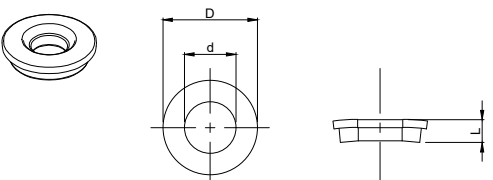
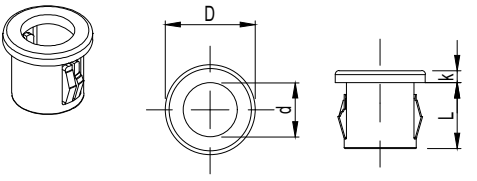
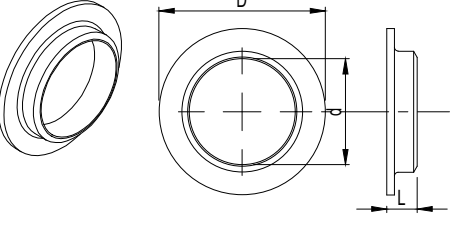
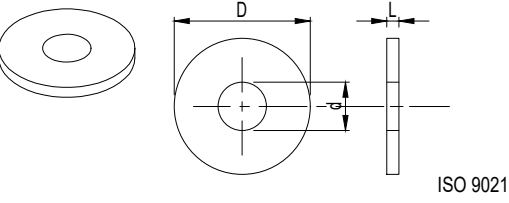
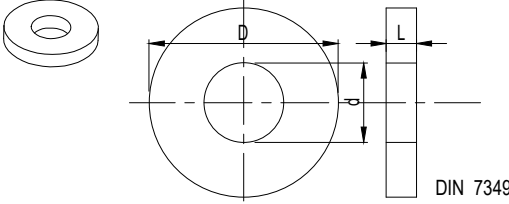
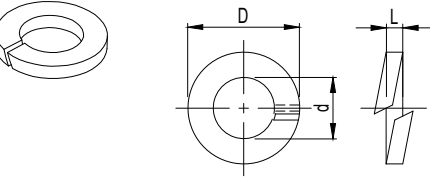
		d	afm. dimen. L	dimen. Masse k	D
 DIN 562	050.5406.--	M4	2.2		7
	050.5404.--	M5	4		8
 ISO 3506	050.5387.--	M5	7.5		11x19
	050.5386.--	M4	6		9x17
 DIN 125A ISO 7089	054.5455.--	4.3	0.8		9
	054.5458.--	8.4	1.6		16
	067.5203.--	5.3	1		10
	067.5205.--	10.5	2		20
	067.5206.--	13	2.5		24
 DIN 127B	054.5450.--	10.2	2.2		18.1
 DIN 6797 J	072.5208.--	6.4			11
 DIN 6797 J	079.5206.--	10.5	0.9		18
	072.5209.--	5			14

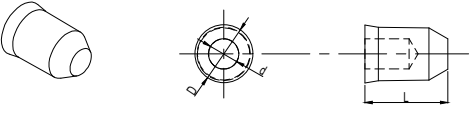
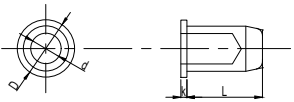
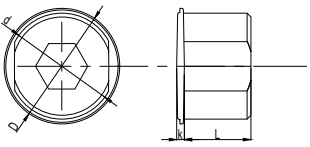
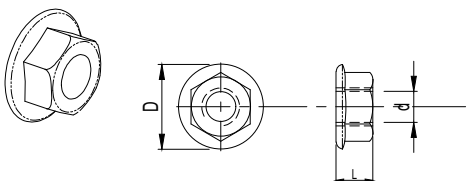
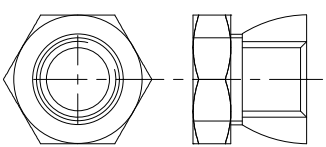
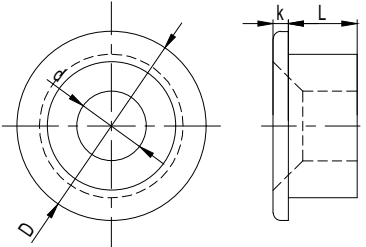
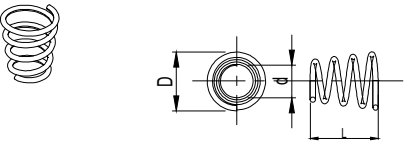
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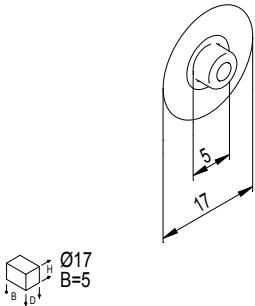
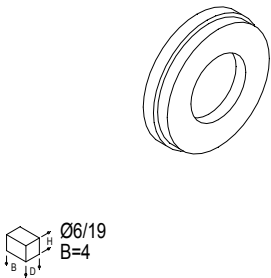
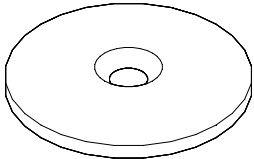
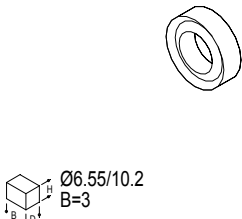
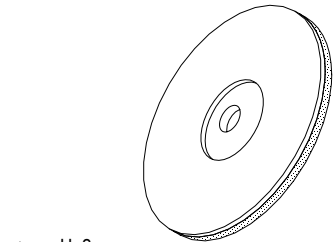
		d	afm. dimen. L	dimen. Masse k	D
 DIN 1481 ISO 8752	058.5950.--*	3	24		
	058.5943.--	3	40		
	065.6507.--	3.5	6		
	073.6517.--	3.5	12		
	058.5945.--	4.3	50		
	058.5944.--	4.4	26		
	058.5941.--	5	20		
* used in assembly, sales = no					
	079.5212.--	M6	75		
 DIN 975	079.5211.--	M6	75		
	050.5210.--	M6	1000		
	050.5214.--	M8	2000		
	050.5221.--*	M10	45		
	050.5220.--	M10	1000		
	050.5215.--	M10	2000		
	079.5222.--	M10	3000		
	050.5216.--	M12	3000		
* used in assembly, sales = no					
	071.6350.XX	M10	3000		15.9

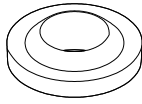
		d	afm. dimen. L	dimen. Masse k	D
	054.5475.--	10	80		
	054.5480.--	10	95		
	054.5469.--	12	110		
  DIN 571	0FR.9884.-- 0FR.9883.--	6 6	80 90	4 4	10 10

		d	afm. dimen. L	dimen. Masse k	D
	052.5303.--	5	50		
	055.5631.-- 055.5620.-- 055.5640.-- 055.5650.-- 055.5660.--	3 4 4 4 4		8 6 8 10 15	
 ISO 2760-m	057.5710.-- ALU. 057.5717.-- INOX 057.5720.-- ALU.	M5 M5 M6	12 12 14		
	057.5709.-- ALU. 057.5711.-- ALU. 057.5713.-- (200 pc) INOX 057.5714.-- INOX 057.5721.-- ALU. 057.5722.-- 057.5715.--	M4 M5 M5 M5 M6 M6 M5	11.5 12 13.7 11.6 15 15.5 11.6		
	052.5328.--	4.2	60	2.5	8.1
	054.5454.04 073.8206.04	5 6	1.5 2		8 10
	073.5209.--	9	4.5		22

		d	afm. dimen. L	dimen. Masse k	D
	054.5452.01	5.2	3		10
	054.5440.-- 073.5204.--	6.8 6.6	3 4		12.5 19
	073.5222.04	7.1	8.7	1.6	11.9
	073.5221.07	14	4		22
	067.5216.--	6.4	1.4		18
	054.5465.--	10.5	4		25
	054.5464.--	8.1	2		14.8

		d	afm. dimen. L	dimen. Masse k	D
	068.5932.--	4	11		7
	068.5933.--	4	16		7
	068.5934.00	5	10.8	0.8	7.6
	062.8188.--	15.3	8.8	1	7.6
	024.5042.--	M5	4.85		11.2
	030.5710.--	M10	15		17
	073.5211.--* AFSTANDBUS PIECE DE DISTANCE DISTANCE BUSH DISTANZBUCHSE * used with a screw 050.5075.-- (x1)	9.2	2	9.1	25
	054.5500.--	4.3	9		7.77

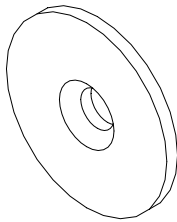
	071.5440.SY AFDEKKAP Ø17MM CAPUCHON Ø17MM FACE CAP Ø17MM ABDECKKAPPE Ø17MM	CW 50 CW 50-RA CW 60 PR 200 TR 200 CR 120		
	073.5204.-- RINGEN NEOPREEN M6 RONDELLES NEOPRENE M6 NEOPRENE WASHERS M6 NEOPRENE DICHTSCHEIBEN M6	CW 50 CW 50-RA CW 60		
	073.8200.04 VERANKERING ANCORAGE ANCHORING VERANKERUNG	CW 60 REYNASCREEN		
	073.8202.01 BORGRING 6.55/10.2 RONDELLE DE BLOCAGE 6.55/10.2 SAFETY RING 6.55/10.2 SICHERUNGSRING 6.55/10.2	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SL CW 50-FP CW 60-HI		
	073.8204.39 GLASKLEM EPDM BORNE DE VITRAGE EPDM SAFETY RING EPDM SICHERUNGSRING EPDM	CW 60 CW 50-SC CW 60-SC		



073.8201.01

BORGRING GEVELPROFIEL
RONDELLE DE BLOCAGE PROFILE FACADE
SAFETY RING CURTAIN WALL PROFILE
SICHERUNGSRING FASSADEPROFIL

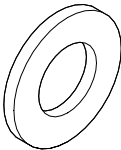
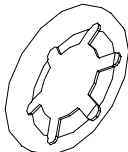
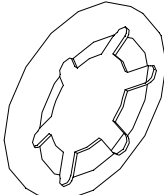
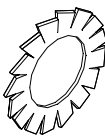
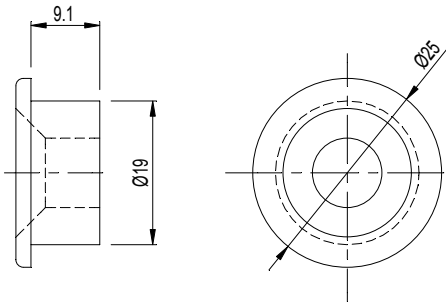
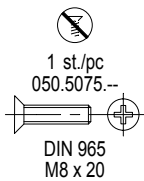
CW 60
TR 200
CINTRO
CR 120

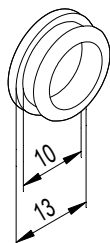


073.8203.04

GLASKLEM KUNSTSTOF
BORNE DE VITRAGE EN MATIERE SYNTHETIQUE
SYNTHETIC SAFETY RING
KUNSTSTOFF SICHERUNGSRING

CW 50
CW 60
CW 50-SL

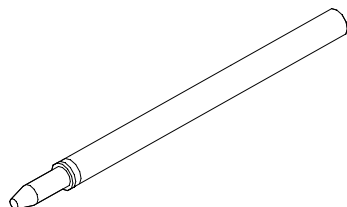
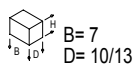
	067.5205.-- RONDEL M10 RONDELLE M10 WASHER M10 SCHEIBE M10	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CS 77 CW 50-SC CW 50-SG CW 60-SG BS 100 BS 30 BS 20 CW 60-SC	CW 60-HI CW 60-HL BS 100 Solar BS 30 Solar	
	073.5207.-- SNELBORGER ZONDER KAP AS Ø10MM RONDELLE ELAST. DENTS ESPACEES INT. AXE Ø10MM TOOTHED LOCK WASHER INTERNAL TEETH AXLE Ø10MM ZAHNSCHEIBEN INNENGEZAHNT ACHSE Ø10MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 50-SG CW 60-SG CW 60-SC CW 60-HI CW 60-HL		
	073.5208.-- SNELBORGER ZONDER KAP AS Ø8MM RONDELLE ELAST. DENTS ESPACEES INT. AXE Ø8MM TOOTHED LOCK WASHER INTERNAL TEETH AXLE Ø8MM ZAHNSCHEIBEN INNENGEZAHNT ACHSE Ø8MM	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 50-SG CW 60-SG CW 60-SC CW 60-HI CW 60-HL		
	079.5206.-- VEERRING M10 RONDELLE GROWER M10 SHAKEPROOF WASHER M10 FEDERRING M10	VISION 50 CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CS 77 CW 50-SC CW 50-SG CW 60-SG BS 100 BS 30 CW 60-SC	CW 60-HI CW 60-HL BS 30 Solar	
	073.5211.-- AFSTANDSBUS PIECE DE DISTANCE DISTANCE BUSH DistanzBuchse	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 50-SG CW 60-SG CW 60-SC CW 60-HI CW 60-HL		



065.6555.04

STOP Ø10MM
BOUHE-TROU Ø10MM
PLUG Ø10MM
VERSCHLUSSKAPPE Ø10MM

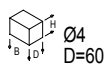
CS 59Pa
CS 59
CS 68
VISION 50
TP 110
TP 138
CP 130
CP 130-LS
CP 155
CP 155-LS
CW 60
TR 200
MOSQUITO
CR 120
CS 77
CS 77-BP
CS 38-SL
CS 38-SL/AP
PR 100
CW 60-HL



068.5938.--

NAGEL T-VERBINDER
CLOU JUNCTION-T
DRIVE PIN T-BRACKET
STIFT T-VERBINDER

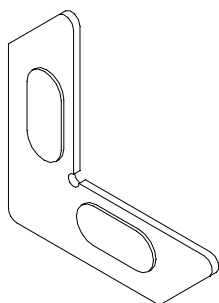
CW 60	CS 68	Eco system
001.0538.XX	CS 68-HV	CS 86-HI
001.0826.XX	CS 68-Re	Eco system-AP
001.1426.XX	CS 68-So	CW 86-EF/Hi
005.0538.XX	TP 110	CS 77-Re
005.0826.XX	CP 130	CW 65-EF
005.1426.XX	CP 130-LS	CF 77
008.3538.XX	CP 155	CS 104
008.3826.XX	CP 155-LS	CS 77-SP
034.0157.XX	CW 50	
034.2120.XX	CW 50-HI	CW 50-SC
	CW 50-HL	CP 50
CW 60-HL	CS 68-FP	CW 60-SC
034.0157.XX	CS 77	
034.2120.XX	CW 86	
	CS 77-HV	
CS 59	CS 77-BP	
CS 59-HV	CS 77-FP	
CS 59-Re	CW 60-DRL	
CS 59-So	CW 86-EF	





060.7722.--

STEUNHOEK
CALE DE FEUILLURE
REBATE SUPPORT
ECKWINKEL



H=47.8
B=47.8
D=1.9

CW 60
034.0155.XX
034.1121.XX

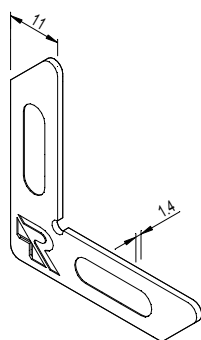
CW 60-SC
034.0155.XX
034.1121.XX

CW 60-HL
034.0155.XX
034.1121.XX

PS 50-SP
CW 50
CW 50-HL
CW 50-SC
CW 50-SG
CW 65-EF

060.8721.00

STEUNHOEK
CALE DE FEUILLURE
REBATE SUPPORT
ECKWINKEL



H=43
B=43
D=1.4

CW 60
007.0775.XX
007.1765.XX

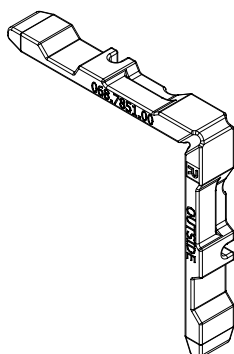
CW 60-SG
034.0165.XX
034.0166.XX
034.0167.XX

CW 50
CR 120
CW 50-SG

TLS 110

068.7851.00

HOEKVERBINDER 5.05x10.45
EQUERRE 5.05x10.45
CORNER CLEAT 5.05x10.45
ECKVERBINDER 5.05x10.45



068.5938.-- = Corner Cleat drive pin
H=60 B=60 D=10.45

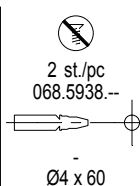


CW 60
001.0538.XX
001.0826.XX
001.1426.XX
005.0538.XX
005.0826.XX
005.1426.XX
008.3538.XX
008.3826.XX
034.0157.XX
034.2120.XX

CW 60-HL Eco system-AP
034.0157.XX
034.2120.XX

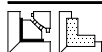
CS 59
CS 59-HV
CS 68
CS 68-HV
TP 110
CP 130

CP 130-LS
CP 155
CP 155-LS
CW 50
CW 50-HI
CW 50-HL
CS 68-FP
CS 77
CS 77-HV
CW 60-DRL
Eco system
CS 86-HI
CW 65-EF
CF 77



2 st./pc
068.5938.--

Ø4 x 60



068.7302.00

PERSHOEK 12.1x40.1
EQUERRE A SERTIR 12.1x40.1
CRIMP CORNER CLEAT 12.1x40.1
PRESSECKWINKEL 12.1x40.1

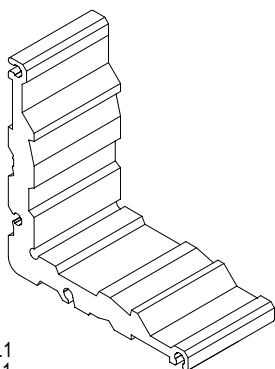


CW 60
034.2120.XX

CW 60-HL
034.2120.XX

CW 50
CW 50-HL
CW 65-EF

H=86.1
B=84.1
D=40.1



068.7562.00

PERSHOEK 14x28.1MM
EQUERRE A SERTIR 14x28.1MM
CRIMP CORNER CLEAT 14x28.1MM
PRESSECKWINKEL 14x28.1MM



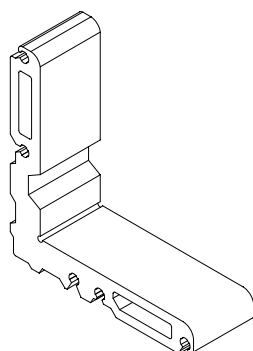
CW 60
034.1121.XX

CW 60-SC
034.1121.XX

CW 60-HL
034.1121.XX

CW 50
CW 50-HL
CW 50-SC
CW 65-EF

H=87.8
B=85.7
D=28.1



068.7571.00

PERSHOEK 12.1x28.2
EQUERRE A SERTIR 12.1x28.2
CRIMP CORNER CLEAT 12.1x28.2
PRESSECKWINKEL 12.1x28.2



CW 60
034.1113.XX
034.1121.XX
034.1122.XX

CW 60-SC
034.1113.XX
034.1121.XX
034.1122.XX

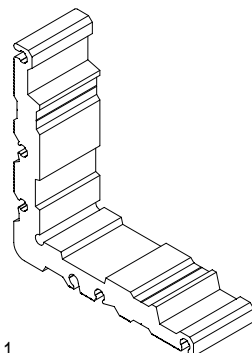
CW 60-HL
034.1113.XX
034.1121.XX
034.1122.XX

PS 50-SP

CW 50
CW 50-HL
CW 50-SC
CW 65-EF

Eco system

H=86.1
B=84.1
D=28.2



068.8049.00

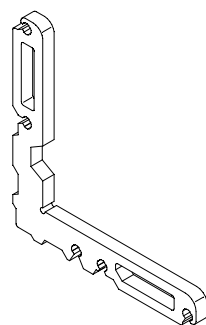
VULHOEK 14x4.3
EQUERRE DE REMPLISSAGE 14x4.3
CORNER SUPPORT 14x4.3
FUELLECKWINKEL 14x4.3

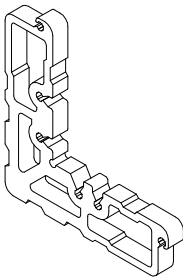
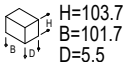
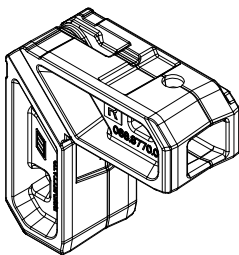
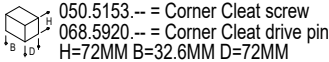
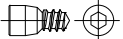
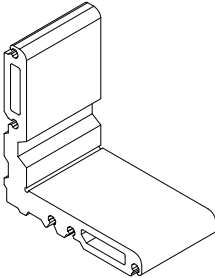
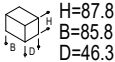
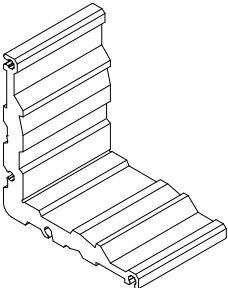
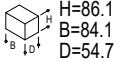


CW 60
034.1588.04

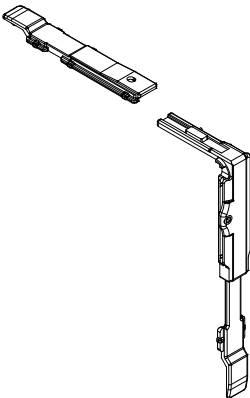
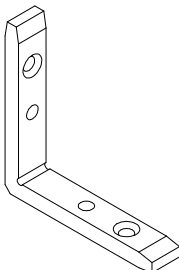
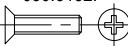
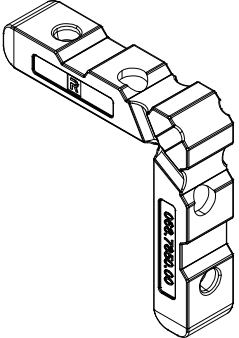
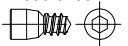
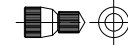
CW 50

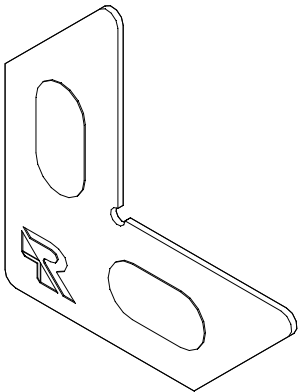
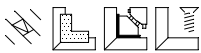
H=87.8
B=85.8
D=4.3



 	068.8051.00 PERSHOEK 29.7x5.5 EQUERRE A SERTIR 29.7x5.5 CRIMP CORNER CLEAT 29.7x5.5 PRESSECKWINKEL 29.7x5.5	 CW 60-SC 034.0127.XX 034.0128.XX 034.0131.XX CW 50-SC		  
 	068.8770.00 PERSHOEK 25.75x32.6 EQUERRE A SERTIR 25.75x32.6 CRIMP CORNER CLEAT 25.75x32.6 PRESSECKWINKEL 25.75x32.6	 CW 60 007.0775.XX 007.0778.XX 007.1765.XX 007.1768.XX CW 50 CR 120		 2 st./pc 050.5153.--  4.8 x 13.8  2 st./pc 068.5920.--  REYNAERS 4 x 14
 	068.7560.00 PERSHOEK 14x46.3MM EQUERRE A SERTIR 14x46.3MM CRIMP CORNER CLEAT 14x46.3MM PRESSECKWINKEL 14x46.3MM	 CW 60 034.0155.XX CW 60-SC 034.0155.XX CW 60-HL 034.0155.XX CW 50 CW 50-HL CW 50-SC CW 65-EF		
 	068.7561.00 PERSHOEK 12x54.7MM EQUERRE A SERTIR 12x54.7MM CRIMP CORNER CLEAT 12x54.7MM PRESSECKWINKEL 12x54.7MM	 CW 60 034.0156.XX 034.0157.XX CW 60-SC 034.0156.XX CW 60-HL 034.0156.XX 034.0157.XX CW 50 CW 50-HL CW 50-SC CW 65-EF		



	060.7872.-- HOEKOVERBRENGING TRANSMISSION ANGULAIRE CORNER REVERSING PART ECKUMLENKUNG	CW 60 034.0156.XX 034.0157.XX 034.1113.XX 034.1122.XX 034.2120.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX CW 60-HL 034.0156.XX 034.0157.XX 034.1113.XX 034.1122.XX 034.2120.XX CW 50 CW 50-HL CW 50-SC	CW 50-SG CW 65-EF CW 86 CW 60-SG CW 86-EF	
  H=55 B=55 D=10.3	068.6505.-- SCHROEFHOEK INOX EQUERRE A VISSE INOX SCREW CORNER CLEAT INOX SCHRAUBECKWINKEL INOX	CW 60 034.0157.XX 034.2120.XX CW 60-HL 034.0157.XX 034.2120.XX CW 50 CW 50-HL CW 65-EF CW 86-EF/HL		2 st./pc 050.5132.--  DIN 965 M5 x 6
  050.5153.-- = Corner Cleat screw 068.5920.-- = Corner Cleat drive pin H=70 B=70 D=17.4	068.7850.00 HOEKVERBINDER 13.05x17.4 EQUERRE 13.05x17.4 CORNER CLEAT 13.05x17.4 ECKVERBINDER 13.05x17.4	CW 60 001.0538.XX 001.0826.XX 001.1426.XX 005.0538.XX 005.0826.XX 005.1426.XX 007.0778.XX 007.1768.XX 008.3538.XX 008.3826.XX CS 59 CS 59-HV CS 68 CS 68-HV TP 110 CP 130 CP 130-LS CP 155 CP 155-LS CW 50	CW 50-HI CS 68-FP CR 120 CS 77 CS 77-HV CW 60-DRL Eco system CS 86-HI Eco system-AP Eco system 75 CF 77 CW 60-HI	2 st./pc 050.5153.--  4.8 x 13.8 2 st./pc 068.5920.--  REYNAERS 4 x 14

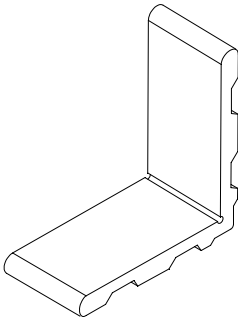


060.8723.--

STEUNHOEK 21x1
CALE DE FEUILLURE 21x1
REBATE SUPPORT 21x1
ECKWINKEL 21x1

CW 60	TP 110	CS 38-SL				
001.0538.XX	CP 130	CS 86-HI				
001.0826.XX	CP 130-LS	Eco system-AP				
005.0538.XX	CP 155	CS 38-SL/AP				
005.0826.XX	CP 155-LS	BS 40				
008.3538.XX	CW 50	CS 77-Re				
008.3826.XX	CW 50-HI	CF 77				
	CS 68-FP	CS 77-SP				
CS 59Pa	CS 77	CS 77 Optima				
CS 59	CS 77-HV					
CS 59-HV	CS 77-BP	TR 200				
CS 59-Re	CS 77-FP	MEDAS				
CS 59-So	CP 96	CR 120				
CS 59-AD	CW 60-DRL	CW 60-HI				
CS 59-CD	CP 96-LSCS	CS 68 Optima-AP				
CS 59-SD	CP 96-AP					
CS 68	CP 96-LS/AP					
CS 68-HV	TP 110-Re					
CS 68-Re	CS 68 Optima					
CS 68-So	Eco system					

H=50
B=50
D=1



068.7685.00

VULHOEK 6.4x26.9MM
EQUERRE DE REMPLISSAGE 6.4x26.9MM
CORNER SUPPORT 6.4x26.9MM
FUELLECKWINKEL 6.4x26.9MM

CW 60-SC
034.0112.XX

CW 50-SC

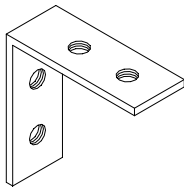
H=60
B=60
D=26.9

D0056604



068.6094.00

HOEKVERBINDER BUITENZIJD
EQUERRE A VISSER EXTERIEURE
SCREW CORNER CLEAT OUTSIDE
ECKVERBINDER AUSSEN



H=40
B=40
D=18.2

CW 60
034.1121.XX

CW 60-SG
034.0166.XX

CW 60-SC
034.1121.XX

CW 60-HL
034.1121.XX

CW 50
CW 50-HL
TR 200
CW 50-SC

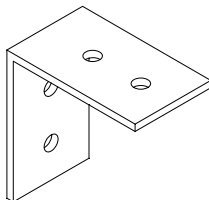
CW 50-SG
CW 65-EF

CW 65-EF/SG

4 st/pc
051.5240.--
DIN 916
M5 x 6

068.6109.00

HOEKVERBINDER BUITENZIJD 2x23.6MM
EQUERRE A VISSER EXTERIEURE 2x23.6MM
SCREW CORNER CLEAT OUTSIDE 2x23.6MM
ECKVERBINDER AUSSEN 2x23.6MM



H=40
B=40
D=23.6

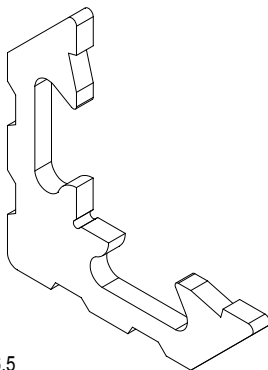
CW 60-SG
034.0167.XX

CW 50-SG

4 st/pc
051.5240.--
DIN 916
M5 x 6

068.7320.00

PERSHOEK 21.5x5.2MM
EQUERRE A SERTIR 21.5x5.2MM
CRIMP CORNER CLEAT 21.5x5.2MM
PRESSECKWINKEL 21.5x5.2MM



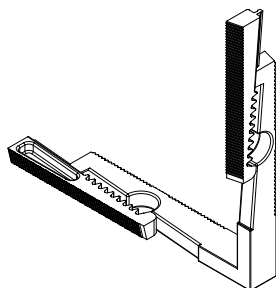
H=76.5
B=76.5
D=5.2

CW 60-SG
034.0161.XX

CW 50-SG

068.7563.00

HOEKSTUK
PIECE D'ANGLE
CORNER PIECE
ECKSTUECK



H=70
B=70
D=16.48

CW 60
034.0155.XX
034.1121.XX

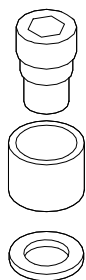
CW 60-SG
034.0166.XX

CW 60-SC
034.0155.XX
034.1121.XX

CW 60-HL
034.0155.XX
034.1121.XX

CW 50

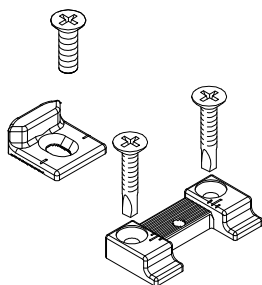
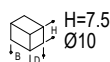
CW 50-HL
CW 50-SC
CW 50-SG
CW 65-EF



060.7065.--

SLUITROL PEN
ROULEAU DE FERMETURE CHEVILLE
LOCK ROLL PIN
SCHLISSROLLE STIFT

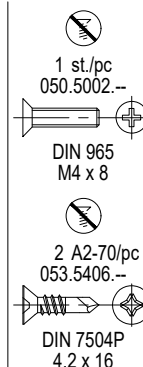
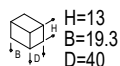
CW 60	034.1122.XX	CS 77-HV				
034.0156.XX		CW 50-SG				
034.0157.XX	CW 50	CW 86				
034.1113.XX	CW 50-HL	CW 86-BR				
034.1121.XX	CW 50-SC	CW 86-EF				
034.1122.XX	CW 50-VL	ES 50				
034.2120.XX	CW 65-EF	XS 68				
CW 60-HL	CS 104-HI+					
034.0156.XX	CS 59					
034.0157.XX	CS 59-HV					
034.1113.XX	CS 59PA					
034.1121.XX	CS 59-RE					
034.1122.XX	CS 59-SO					
034.2120.XX	CS 68					
	CS 68-HV					
CW 60-SC	CS 68-RE					
034.0156.XX	CS 68-SO					
034.1113.XX	CS 77					
034.1121.XX	CS 77-BP					



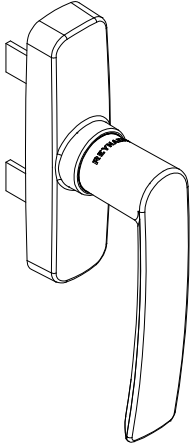
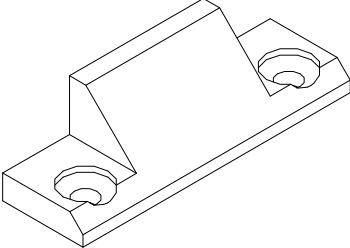
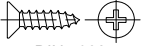
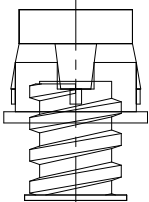
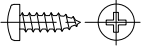
060.7075.--

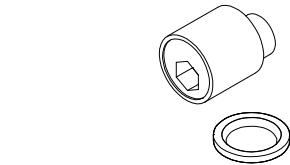
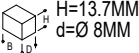
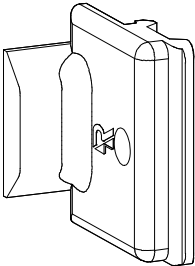
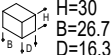
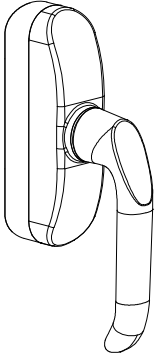
SLUITSTUK REGELBAAR
GACHE REGLABLE
LOCK PLATE ADJUSTABLE
SCHLISSSTUECK VERSTELLBAR

CW 60	CW 86-BR					
034.0155.XX	CW 86-EF					
034.1121.XX						
CW 60-HL						
034.0155.XX						
034.1121.XX						
CW 60-SC						
034.0155.XX						
034.1121.XX						
CW 50						
CW 50-HL						
CW 50-SC						
CW 50-SG						
CW 50-VL						
CW 65-EF						
CW 86						

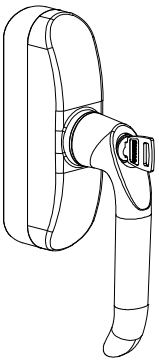
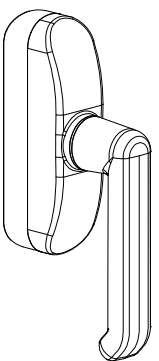
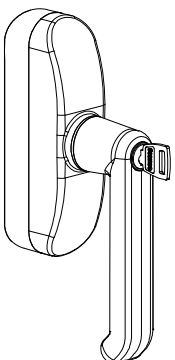


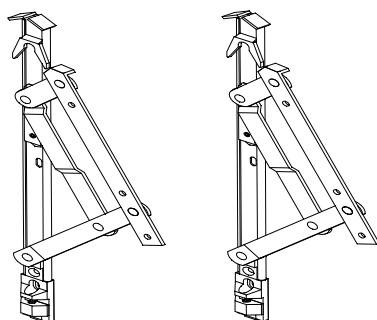


 H=178 B=64 D=33	060.8583.PA RAAMPOMP DK-KD CREMONE OB-BO HANDLE TUTI-TITU HANDHEBEL DK-KD	CS 104-HI+ CS 38-SL CS 45PA CS 59 CS 59-HV CS 59-RE CS 59-SO CS 68 CS 68-HV CS 68-RE CS 68-SO CS 77 CS 77-HV CS 77-RE CS 77-SO CS 86-HI CW 50 CW 50-HL CW 50-SC CW 50-SG CW 60 CW 60-HL	CW 60-SC CW 65-EF ES 45PA ES 50 MASTERLINE 8-Fu SL 38 XS 68	
 H=14 B=15 D=50	069.7073.01 SLUITSTUK GACHE LOCK PLATE SCHLISSSTUECK	CW 60 034.0121.XX 034.0122.XX 034.1121.XX 034.1122.XX CW 60-HL 034.0121.XX 034.0122.XX 034.1121.XX 034.1122.XX CW 60-SC 034.1121.XX 034.1122.XX CW 50 CW 50-HL CW 50-SC CW 50-VL CW 65-EF CW 86	CW 86-EF CW 86-SG GENERAL CW 86-BR	 2 st./pc 052.5312.--  DIN 7982 4.2 x 13
 H=15 Ø19	073.5215.04 AFSTANDSSTUK PIECE D'ECARTEMENT DISTANCE PIECE DISTANZSTUECK	CW 60 034.0155.XX 034.1121.XX CW 60-HL 034.0155.XX 034.1121.XX CW 60-SC 034.0155.XX 034.1121.XX CW 50 CW 50-HL CW 50-SC CW 50-VL CW 65-EF CW 65-EF/HI		 1 st./pc 052.5301.--  DIN 7981 4.8 x 38

 	060.7076.-- SLUITPEN ROULEAU LOCK PIN SCHLISSROLLE	CR 120 CW 50 CW 50-VL CW 60		
 	060.7120.-- SLUITSTUK RAAM NAAR BUITENDRAAIEND GACHE FENETRE OUVRANT VERS L'EXTERIEUR LOCK PLATE WINDOW OUTWARD OPENING SCHLIESSTEIL FENSTER NACH AUSSEN OEFFNEND	CW 60 007.0775.XX 007.1765.XX CR 120 CW 50 CS 59 CS 68 CS 77		
 	060.6212.PA SOBINCO SCHUINE RAAMKRAK HORIZON SOBINCO INCLINEE POIGNEE DE FENETRE HORIZON SOBINCO WINDOW SLOPED HANDLE HORIZON SOBINCO GENEIGTE HANDGRIFF HORIZON ONLY AVAILABLE IN PAINTED FINISH	CS 104-HI+ CS 38-SL CS 59 CS 59-HV CS 59PA CS 59-RE CS 59-SO CS 68 CS 68-HV CS 68-RE CS 68-SO CS 77 CS 77-BP CS 77-HV CS 86-HI CW 50 CW 50-HL CW 50-SC CW 50-SG CW 60 CW 60-HL CW 60-SC	ES 50 MASTERLINE 8-Fu SL 38	



  ONLY AVAILABLE IN PAINTED FINISH	060.6217.PA SOBINCO SCHUINE RAAMKRUK SOBINCO INCLINEE POIGNEE DE FENETRE SOBINCO WINDOW SLOPED HANDLE SOBINCO GENEIGTE HANDGRIFF	CS 104-HI+ CS 104-HI+/AP CS 38-SL CS 38-SL/AP CS 59 CS 59-AP CS 59-HV CS 59PA CS 59-RE CS 59-SO CS 68 CS 68-AP CS 68-HV CS 68-RE CS 68-SO CS 77 CS 77-BP CS 77-HV CS 86-HI CS 86-HI/AP CW 50 CW 50-HL	CW 50-SC CW 50-SG CW 60 CW 60-HL CW 60-SC ES 50 ES 50-AP MASTERLINE 8-Fu SL 38	
  ONLY AVAILABLE IN PAINTED FINISH	060.6216.PA SOBINCO SCHUINE RAAMKRUK SOBINCO INCLINEE POIGNEE DE FENETRE SOBINCO WINDOW SLOPED HANDLE SOBINCO GENEIGTE HANDGRIFF	CS 104-HI+ CS 38-SL CS 59 CS 59-HV CS 59PA CS 59-RE CS 59-SO CS 68 CS 68-HV CS 68-RE CS 68-SO CS 77 CS 77-BP CS 77-HV CS 86-HI CW 50 CW 50-HL CW 50-SC CW 50-SG CW 60 CW 60-HL CW 60-SC	ES 50 MASTERLINE 8-Fu SL 38	
  ONLY AVAILABLE IN PAINTED FINISH	060.6214.PA SOBINCO SCHUINE RAAMKRUK HORIZON SOBINCO INCLINEE POIGNEE DE FENETRE HORIZON SOBINCO WINDOW SLOPED HANDLE HORIZON SOBINCO GENEIGTE HANDGRIFF HORIZON	CS 104-HI+ CS 104-HI+/AP CS 38-SL CS 38-SL/AP CS 59 CS 59-AP CS 59-HV CS 59PA CS 59-RE CS 59-SO CS 68 CS 68-AP CS 68-HV CS 68-RE CS 68-SO CS 77 CS 77-BP CS 77-HV CS 86-HI CS 86-HI/AP CW 50 CW 50-HL	CW 50-SC CW 50-SG CW 60 CW 60-HL CW 60-SC ES 50 ES 50-AP MASTERLINE 8-Fu SL 38	



021.5640.--

SCHAREN 404MM 80KG
COMPAS 404MM 80KG
FRICTION STAYS 404MM 80KG
SCHERE 404MM 80KG

CW 60
034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX

CW 60-SC
034.0155.XX
034.0156.XX
034.1121.XX
034.1122.XX

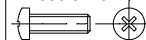
CW 60-HL
034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX

CW 50
CW 50-HL
CW 50-SC
CW 50-SG
CW 65-EF

HIFI
CW 50-FV
CW 86
CW 86-EF



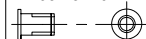
6 st./pc
050.5119.--



DIN 7985
M5 x 12



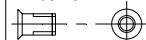
6 st./pc
057.5710.--



M5



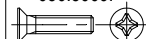
4 st./pc
057.5711.--



M5



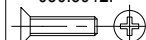
6 st./pc
050.5009.--



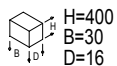
DIN 7985
M5 x 16

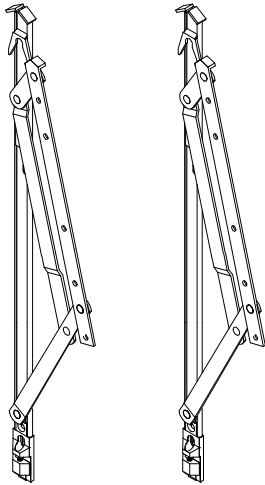


2 st./pc
050.5012.--



DIN 965
M5 x 12





021.5650.--

SCHAAR 535MM 105KG
COMPAS 535MM 105KG
FRICTION STAYS 535MM 105KG
AUSSTELLSCHERE 535MM 105KG

CW 60
034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX

CW 60-SC
034.0155.XX
034.0156.XX
034.1121.XX
034.1122.XX

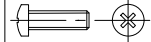
CW 60-HL
034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX

CW 50
CW 50-HL
CW 50-SC
CW 50-SG
CW 65-EF

HIFI
CW 50-FV
CW 86
CW 86-EF



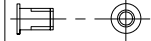
6 st./pc
050.5119.--



DIN 7985
M5 x 12



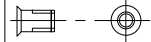
6 st./pc
057.5710.--



M5



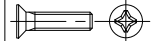
4 st./pc
057.5711.--



M5



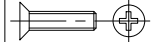
8 st./pc
050.5009.--



DIN 7985
M5 x 16



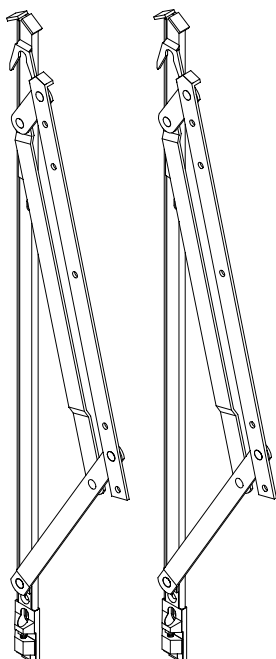
2 st./pc
050.5012.--



DIN 965
M5 x 12

H=535
B=30
D=16

D0083328



021.5660.--

SCHAREN 665MM 130KG
COMPAS 665MM 130KG
FRICTION STAYS 665MM 130KG
SCHERE 665MM 130KG

CW 60

034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX

CW 60-SC

034.0155.XX
034.0156.XX
034.1121.XX
034.1122.XX

CW 60-HL

034.0155.XX
034.0156.XX
034.0157.XX
034.1121.XX
034.1122.XX

CW 50

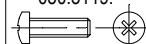
CW 50-HL
CW 50-SC
CW 50-SG
CW 65-EF

HIFI

CW 50-FV
CW 86
CW 86-EF



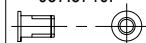
6 st./pc
050.5119.--



DIN 7985
M5 x 12



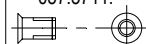
6 st./pc
057.5710.--



M5



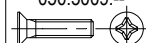
4 st./pc
057.5711.--



M5



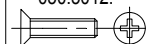
8 st./pc
050.5009.--



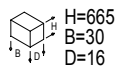
DIN 7985
M5 x 16



2 st./pc
050.5012.--



DIN 965
M5 x 12

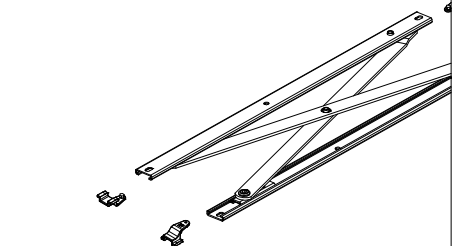


H=665
B=30
D=16



060.8360.--

SCHAAR 450MM
COMPAS 450MM
FRICTION STAYS 450MM
AUSSTELLSCHERE 450MM



H=475
SCREW INFO -> CHAPTER F

CW 60

034.0155.XX
034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

CW 50
CW 50-HL
CW 50-SC
CW 65-EF

CW 86
CW 86-EF

CW 60-SC

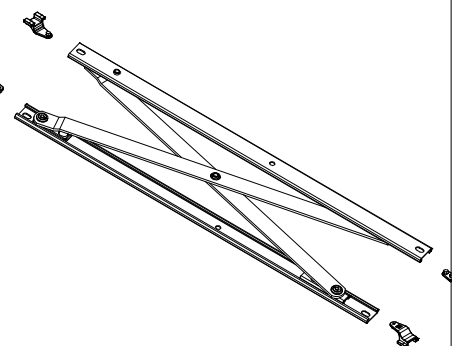
034.0155.XX
034.0156.XX
034.1113.XX
034.1121.XX

CW 60-HL

034.0155.XX

060.8361.--

SCHAAR 450MM
COMPAS 450MM
FRICTION STAYS 450MM
AUSSTELLSCHERE 450MM



H=475
SCREW INFO -> CHAPTER F

CW 60

034.0155.XX
034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

CW 50
CW 50-HL
CW 50-SC
CW 65-EF

CW 86
CW 86-EF

CW 60-SC

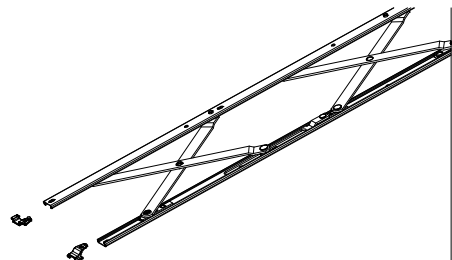
034.0155.XX
034.0156.XX
034.1113.XX
034.1121.XX

CW 60-HL

034.0155.XX

060.8362.--

SCHAAR 670MM
COMPAS 670MM
FRICTION STAYS 670MM
AUSSTELLSCHERE 670MM



H=670
SCREW INFO -> CHAPTER F

CW 60

034.0155.XX
034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

CW 50
CW 50-HL
CW 50-SC
CW 65-EF

CW 86
CW 86-EF

CW 60-SC

034.0155.XX
034.0156.XX
034.1113.XX
034.1121.XX

CW 60-HL

034.0155.XX

060.8363.--

SCHAAR 670MM
COMPAS 670MM
FRICTION STAYS 670MM
AUSSTELLSCHERE 670MM



H=670
SCREW INFO -> CHAPTER F

CW 60

034.0155.XX
034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

034.0156.XX
034.0157.XX
034.1113.XX
034.1121.XX
034.2120.XX

CW 50
CW 50-HL
CW 50-SC
CW 65-EF

CW 86
CW 86-EF

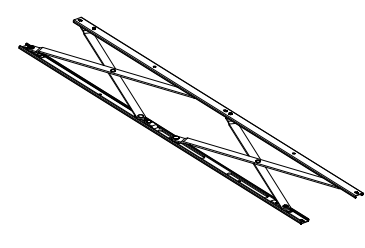
CW 60-SC

034.0155.XX
034.0156.XX
034.1113.XX
034.1121.XX

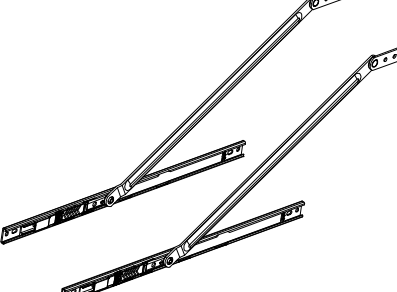
CW 60-HL

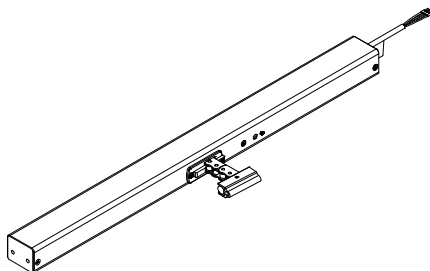
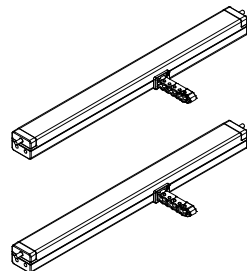
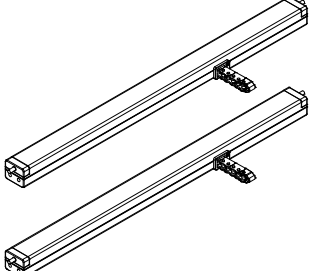
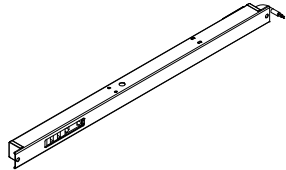
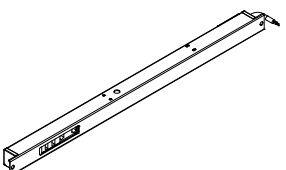
034.0155.XX



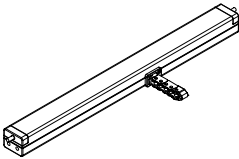
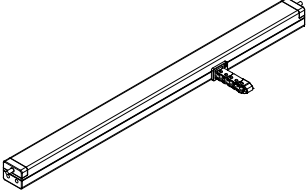
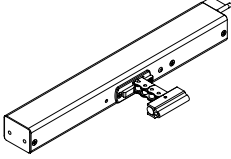
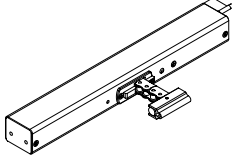
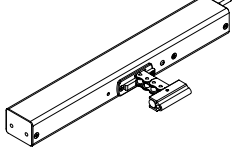
 H=930 SCREW INFO -> CHAPTER F	060.8364.-- SCHAAR 930MM COMPAS 930MM FRICTION STAYS 930MM AUSSTELLSCHERE 930MM	CW 60 034.0155.XX 034.0156.XX 034.0157.XX 034.1113.XX 034.1121.XX 034.2120.XX CW 60-SC 034.0155.XX 034.0156.XX 034.1113.XX 034.1121.XX CW 60-HL 034.0155.XX 034.0156.XX 034.0157.XX 034.1113.XX 034.1121.XX 034.2120.XX	CW 50 CW 50-HL CW 50-SC CW 65-EF CW 86 CW 86-EF	
 H=930 SCREW INFO -> CHAPTER F	060.8365.-- SCHAAR 930MM COMPAS 930MM FRICTION STAYS 930MM AUSSTELLSCHERE 930MM	CW 60 034.0155.XX 034.0156.XX 034.0157.XX 034.1113.XX 034.1121.XX 034.2120.XX CW 60-SC 034.0155.XX 034.0156.XX 034.1113.XX 034.1121.XX CW 60-HL 034.0155.XX 034.0156.XX 034.0157.XX 034.1113.XX 034.1121.XX 034.2120.XX	CW 50 CW 50-HL CW 50-SC CW 65-EF CW 86 CW 86-EF	
 H=125 B=16 D=2	060.8366.-- POSITIONERINGSMAL 125MM CALIBRE DE POSITIONNEMENT 125MM POSITIONING JIG 125MM POSITIONIERLEHRE 125MM	CW 60 060.8360.-- 060.8361.-- 060.8362.-- 060.8363.-- 060.8364.-- 060.8365.-- CW 60-HL 060.8360.-- 060.8361.-- 060.8362.-- 060.8363.-- 060.8364.-- 060.8365.-- CW 60-SC 060.8360.-- 060.8361.-- 060.8362.-- 060.8363.-- 060.8364.--	060.8365.-- CW 50 CW 50-HL CW 50-SC CW 86 CW 86-EF	



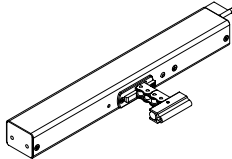
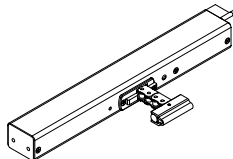
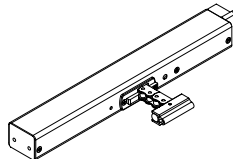
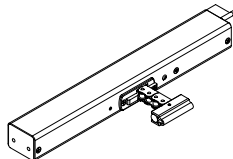
 H=410MM	060.7176.-- BEGRENZINGSSCHAAR 410MM LIMITATEUR D'OUVERTURE 410MM RESTRICTOR 410MM BEGRENZUNGSSCHERE 410MM	CW 50 CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 86-EF CW 60-SC CW 60-HL CW 65-EF CW 50-VL	6 st./pc 057.5711.-- M5 6 st./pc 050.5119.-- DIN 7985 M5 x 12 8 st./pc 052.5330.-- DIN 7981 4.8 x 13
 H=561	060.7177.-- BEGRENZINGSSCHAAR 561MM LIMITATEUR D'OUVERTURE 561MM RESTRICTOR 561MM BEGRENZUNGSSCHERE 561MM	CW 50 CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 86-EF CW 60-SC CW 60-HL CW 65-EF CW 50-VL	6 st./pc 057.5711.-- M5 6 st./pc 050.5119.-- DIN 7985 M5 x 12 8 st./pc 052.5330.-- DIN 7981 4.8 x 13
 H=660MM	060.7178.-- BEGRENZINGSSCHAAR 660MM LIMITATEUR D'OUVERTURE 660MM RESTRICTOR 660MM BEGRENZUNGSSCHERE 660MM	CW 50 CW 50-HL CW 60 CW 86 CW 50-SC CW 50-SG CW 86-EF CW 60-SC CW 60-HL CW 65-EF CW 50-VL	6 st./pc 057.5711.-- M5 6 st./pc 050.5119.-- DIN 7985 M5 x 12 8 st./pc 052.5330.-- DIN 7981 4.8 x 13

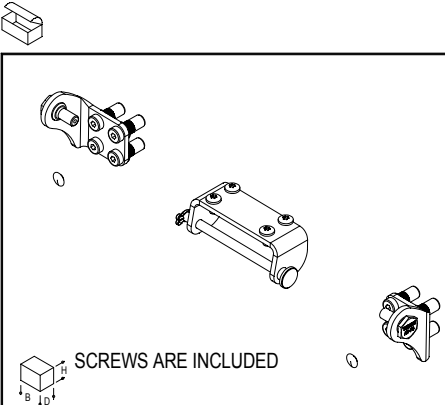
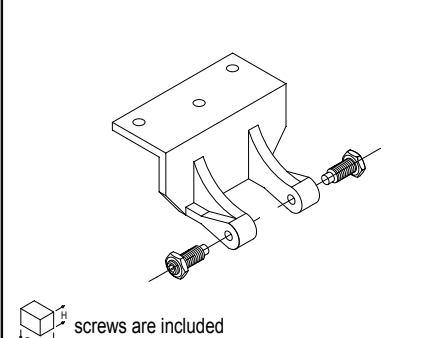
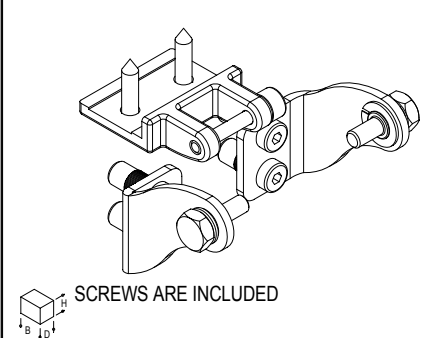
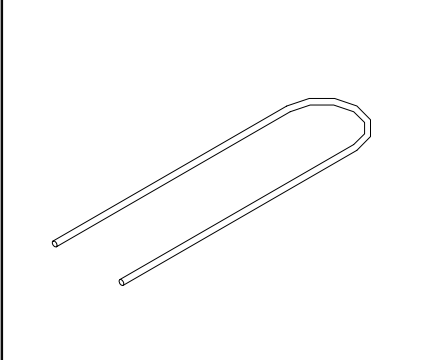
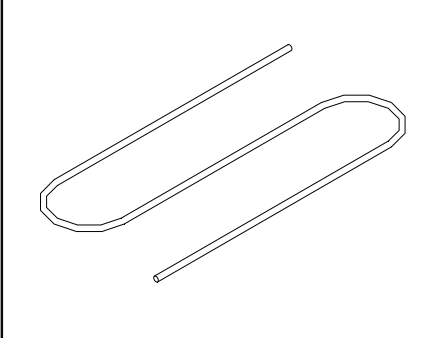
				
  230 V AC; IP 32	060.6799.17 KETTINGMOTOR VKA 44 500-K X00 VT MOTEUR DE CHAÎNE VKA 44 500-K X00 VT CHAIN MOTOR VKA 44 500-K X00 VT KETTENANTRIEB VKA 44 500-K X00 VT	CW 50 CW 50-HL CW 60 CW 50-SC CW 60-SC CW 60-HL CW 50-VL CW 60-VL		
  24 V DC; 2x 0.6 A; IP 50	060.6834.14 KETTINGMOTOR CDC 200/350-BSY+SET MOTEUR DE CHAÎNE CDC 200/350-BSY+SET CHAIN MOTOR CDC 200/350-BSY+SET KETTENANTRIEB CDC 200/350-BSY+SET	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL	
  24 V DC; 2x 1.0 A; IP 50	060.6835.14 KETTINGMOTOR CDC 200/600-BSY+SET MOTEUR DE CHAÎNE CDC 200/600-BSY+SET CHAIN MOTOR CDC 200/600-BSY+SET KETTENANTRIEB CDC 200/600-BSY+SET	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL	
  24 V DC; 24 W; IP 50	060.6898.-- MOTOR VLD 51/025-BSY+ RE MOTEUR VLD 51/025-BSY+ RE MOTOR VLD 51/025-BSY+ RE ANTRIEB VLD 51/025-BSY+ RE	CS 68 CW 50 CW 50-HL CW 60 CW 50-SC CW 60-SC CW 60-HL CW 50-VL CW 60-VL		
  24 V DC; 24 W; IP 50	060.6899.-- MOTOR VLD 51/025-RE MOTEUR VLD 51/025-RE MOTOR VLD 51/025-RE ANTRIEB VLD 51/025-RE	CS 68 CW 50 CW 50-HL CW 60 CW 50-SC CW 60-SC CW 60-HL CW 50-VL CW 60-VL		

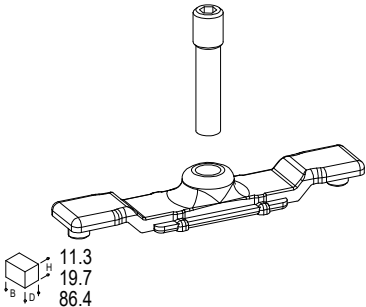
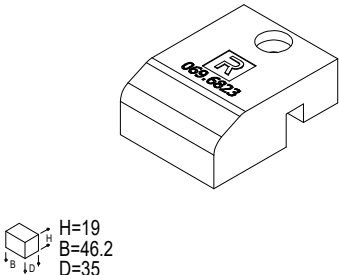
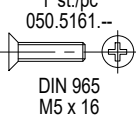
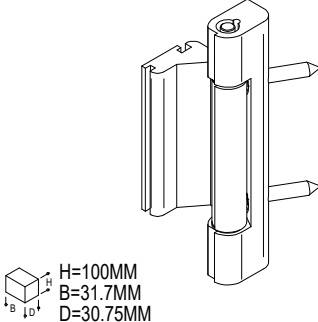
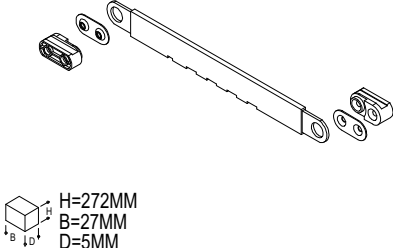
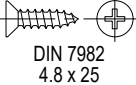
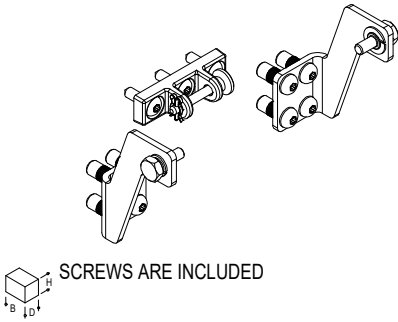


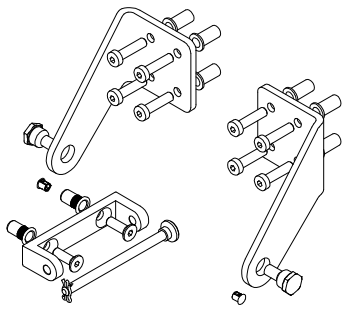
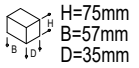
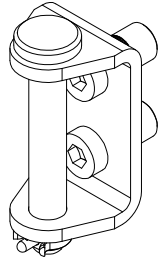
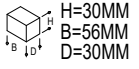
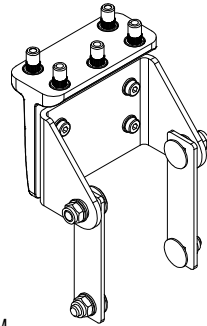
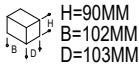
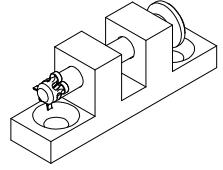
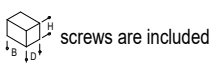
  24 V DC; 0.6 A; IP 50	060.6830.14 KETTINGMOTOR CDC 200/350 MOTEUR DE CHAÎNE CDC 200/350 CHAIN MOTOR CDC 200/350 KETTENANTRIEB CDC 200/350	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL
  24 V DC; 1 A; IP 50	060.6831.14 KETTINGMOTOR CDC 200/600 MOTEUR DE CHAÎNE CDC 200/600 CHAIN MOTOR CDC 200/600 KETTENANTRIEB CDC 200/600	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL
  24 V DC; 1 A; IP 50	060.6844.17 KETTINGMOTOR KA 34/350 MOTEUR DE CHAÎNE KA 34/350 CHAIN MOTOR KA 34/350 KETTENANTRIEB KA 34/350	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL
  24 V DC; 1 A; IP 32	060.6845.17 KETTINGMOTOR KA 34/600 MOTEUR DE CHAÎNE KA 34/600 CHAIN MOTOR KA 34/600 KETTENANTRIEB KA 34/600	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL
  24 V DC; 1 A; IP 32	060.6846.17 KETTINGMOTOR KA 34/800 MOTEUR DE CHAÎNE KA 34/800 CHAIN MOTOR KA 34/800 KETTENANTRIEB KA 34/800	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL

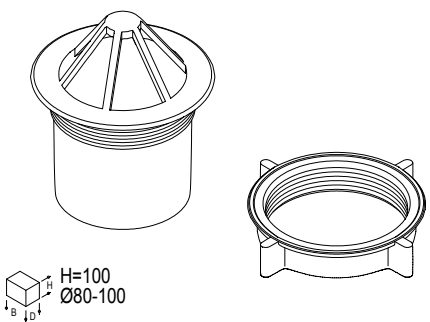
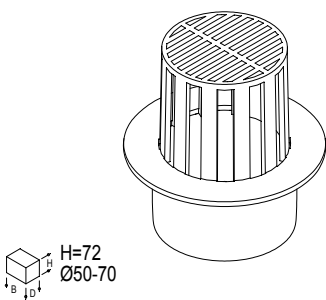
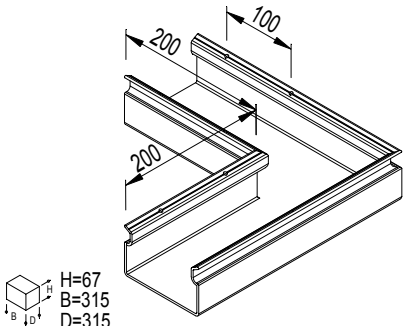
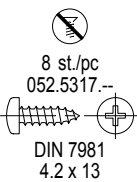
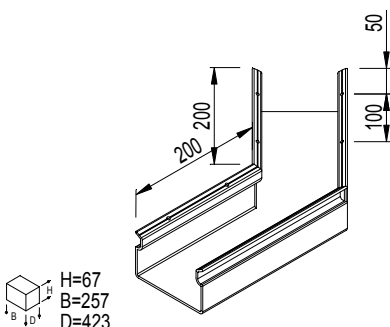
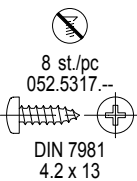
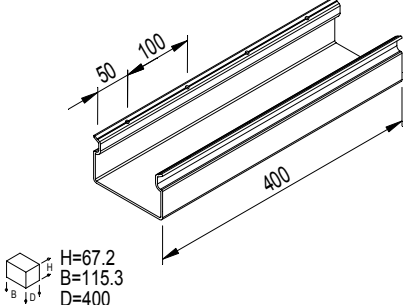
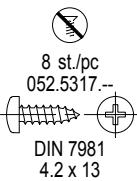


  24 V DC; 1 A; IP 32	060.6847.17 KETTINGMOTOR KA 34/1000 MOTEUR DE CHAÎNE KA 34/1000 CHAIN MOTOR KA 34/1000 KETTENANTRIEB KA 34/1000	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL
  24 V DC; 1.4 A; IP 32	060.6848.17 KETTINGMOTOR KA 54/600 MOTEUR DE CHAÎNE KA 54/600 CHAIN MOTOR KA 54/600 KETTENANTRIEB KA 54/600	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL
  24 V DC; 1.4 A; IP 32	060.6849.17 KETTINGMOTOR KA 54/800 MOTEUR DE CHAÎNE KA 54/800 CHAIN MOTOR KA 54/800 KETTENANTRIEB KA 54/800	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL
  24 V DC; 1.4 A; IP 32	060.6850.17 KETTINGMOTOR KA 54/1000 MOTEUR DE CHAÎNE KA 54/1000 CHAIN MOTOR KA 54/1000 KETTENANTRIEB KA 54/1000	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL CW 50-VL	CW 60-VL

 SCREWS ARE INCLUDED	060.6798.-- BEVESTIGING VKA 44 500-K X00 VT FIXATION VKA 44 500-K X00 VT FIXINGS VKA 44 500-K X00 VT BEFESTIGUNG VKA 44 500-K X00 VT	CW 50 CW 50-HL CW 60 CW 50-SC CW 60-SC CW 60-HL		
 screws are included	060.6826.PA BEVESTIGINGSSET ZK6 SET DE FIXATION ZK6 BRACKET SET ZK6 BEFESTIGUNGSSATZ ZK6	CS 68 CW 50 CW 60 CR 120		
 SCREWS ARE INCLUDED	060.6827.-- BEVESTIGINGSSET CDC-BS038-VFO SET DE FIXATION CDC-BS038-VFO BRACKET SET CDC-BS038-VFO BEFESTIGUNGSSATZ CDC-BS038-VFO	CW 50 CW 50-HL CW 60 CW 50-SC CW 60-SC CW 60-HL		
	060.6840.-- VERBINDINGSKABEL BSY CDC-PC 0800-T02 CABLE DE RACCORDEMENT BSY CDC-PC 0800-T02 CONNECTING CABLE BSY CDC-PC 0800-T02 VERBINDUNGSKABEL BSY CDC-PC 0800-T02	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL		
	060.6841.-- VERBINDINGSKABEL BSY CDC-PC 1200-T02 CABLE DE RACCORDEMENT BSY CDC-PC 1200-T02 CONNECTING CABLE BSY CDC-PC 1200-T02 VERBINDUNGSKABEL BSY CDC-PC 1200-T02	CS 59 CS 68 CW 50 CW 50-HL CW 60 CR 120 CS 77 CW 50-SC Eco system CS 86-HI CW 60-SC CW 60-HL		

	060.7125.-- MEENEMERTAP ROULEAU D'ENTRAINEUR DRIVE PIN SCHLISSROLLE	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120 CW 50-VL CW 60-VL		
	069.6823.04 OPLOOPBLOK KUNSTSTOF PATIN MATIERE SYNTHETIQUE SLOPED BLOCK SYNTHETIC AUFLAUFSTUECK KUNSTSTOFF	CW 50 CW 60 CR 120 CW 50-VL CW 60-VL		1 st./pc 050.5161.--  DIN 965 M5 x 16
	071.6550.17 SCHARNIER CHARNIERE HINGE BAND	CW 60 007.0775.XX 007.0778.XX 007.1765.XX 007.1768.XX CW 50 CR 120		
	071.6551.-- SCHAAR COMPAS FRICTION STAYS AUSSTELLSCHERE	CW 50 CW 60 CR 120 CW 50-VL CW 60-VL		4 st./pc 052.5333.--  DIN 7982 4.8 x 25
 SCREWS ARE INCLUDED	060.6829.-- BEVESTIGINGSSET CDC-BS088-VFO SET DE FIXATION CDC-BS088-VFO BRACKET SET CDC-BS088-VFO BEFESTIGUNGSSATZ CDC-BS088-VFO	CW 50 CW 60 CR 120 CW 50-VL CW 60-VL		

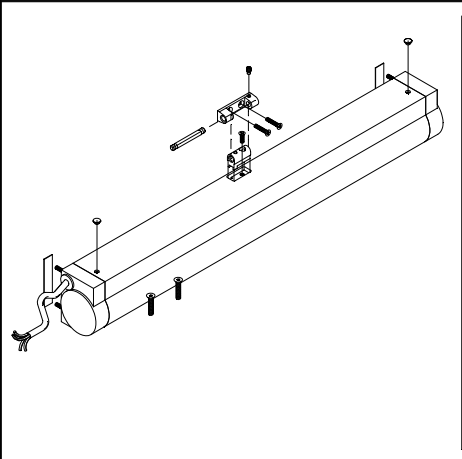
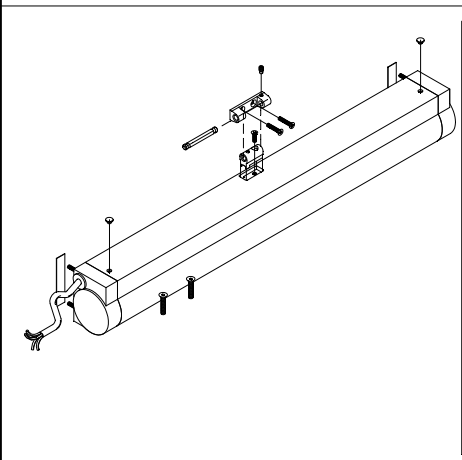
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 	071.6563.-- BEVESTIGING FIXATION FIXINGS BEFESTIGUNG	CW 50 CW 60 CR 120 CW 50-VL		
 	071.6564.-- BEVESTIGING FIXATION FIXINGS BEFESTIGUNG	CW 50 007.0775.XX 007.1765.XX CW 60 007.0775.XX 007.1765.XX CR 120 007.0775.XX 007.1765.XX		
 	060.6821.-- BEVESTIGINGSSET FK-D SET DE FIXATION FK-D BRACKET SET FK-D BEFESTIGUNGSSATZ FK-D	CS 59 CS 68 CS 77 ES 50 CS 86-HI		

 H=100 Ø80-100	071.6900.07 UITLOOP DAKGOOT CREPINE GOUTTIERE CONNECTION PIECE GUTTER DRAINPIPE REGENABFUEHRABSCHLUSS DACHRINNE	CW 60 034.1567.XX CW 50 PR 200 TR 200 BOREALE CR 120		
 H=72 Ø50-70	071.6904.07 UITLOOP DAKGOOT CREPINE GOUTTIERE CONNECTION PIECE GUTTER DRAINPIPE REGENABFUEHRABSCHLUSS DACHRINNE	CW 60 034.1567.XX CW 50 PR 200 TR 200 BOREALE CR 120		
 H=67 B=315 D=315	071.8440.00 KOPPELSTUK 90° PIECE DE RACCORDEMENT 90° CONNECTION PIECE 90° KUPPLUNGSSTUECK 90°	CW 60 034.1567.XX CW 50 PR 200 TR 200		 8 st./pc 052.5317.-- DIN 7981 4.2 x 13
 H=67 B=257 D=423	071.8441.00 KOPPELSTUK 135° PIECE DE RACCORDEMENT 135° CONNECTION PIECE 135° KUPPLUNGSSTUECK 135°	CW 60 034.1567.XX CW 50 PR 200 TR 200		 8 st./pc 052.5317.-- DIN 7981 4.2 x 13
 H=67.2 B=115.3 D=400	071.8442.00 KOPPELSTUK PIECE DE RACCORDEMENT CONNECTION PIECE KUPPLUNGSSTUECK	CW 60 034.1567.XX CW 50 PR 200 TR 200		 8 st./pc 052.5317.-- DIN 7981 4.2 x 13

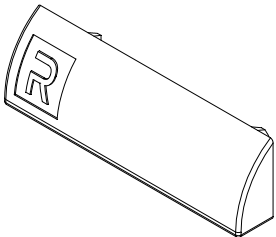
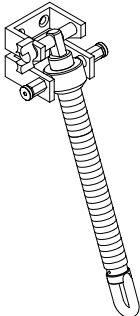
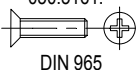
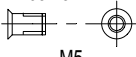
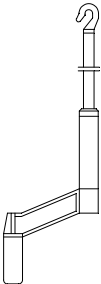


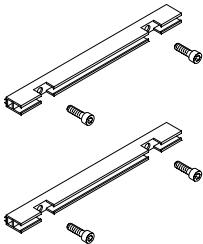
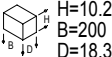
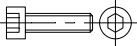
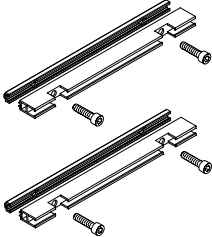
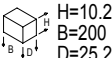
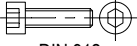
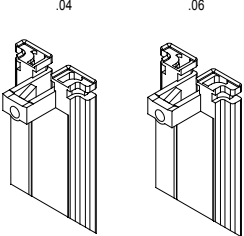
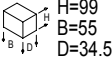
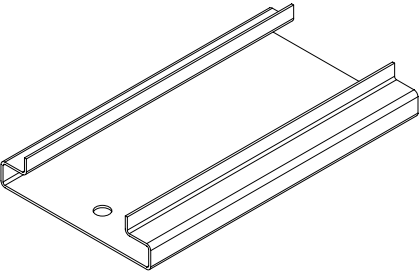
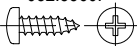
	073.7460.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	CW 50 CW 60	 2 st./pc 052.5310.-- DIN 7981 4.2 x 16
	073.7461.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	CW 50 CW 60	



	071.8443.14 KETTINGMOTOR DAKRAAM 24V MOTEUR ELECTRIQUE TABATIERE 24V CHAIN MOTOR ATTIC WINDOW 24V KETTENANTRIEB DACHFENSTER 24V	CW 60 007.0765.XX 007.0768.XX CR 120 CW 50 TR 200		
	071.8444.14 KETTINGMOTOR DAKRAAM 230V MOTEUR ELECTRIQUE TABATIERE 230V CHAIN MOTOR ATTIC WINDOW 230V KETTENANTRIEB DACHFENSTER 230V	CW 60 007.0765.XX 007.0768.XX CR 120 CW 50 TR 200		

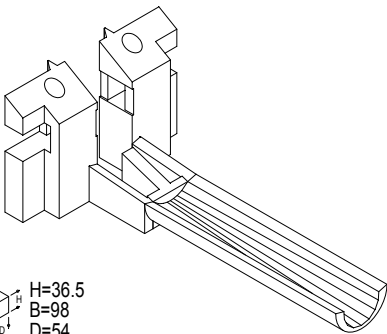
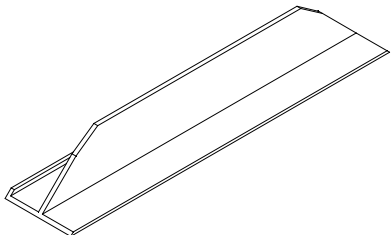
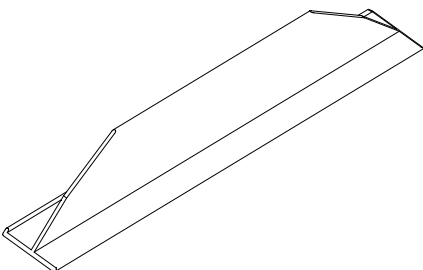
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  H=13 B=44 D=11.3	069.6831.XX AFDEKKAP WATERAFVOERSLEUVEN CAPUCHON DRAINAGE D'EAU WEEP HOLE COVER ABDECKKAPPE ENTWAESSERUNG	CS 59Pa CS 59Pa-AD CS 59Pa-CD CS 59Pa-SD CS 59 CS 59-HV CS 59-Re CS 59-SD CS 59-AD CS 59-CD CS 59-SD CS 68-HV CS 68-Re CS 68-So TP 110 TP 138 TLS 110 CP 130 CP 130-LS CP 155 CP 155-LS CS 68-FP CS 77 CS 77-HV CS 59Pa-AP CS 59-AP CS 68-AP CS 77-AP CS 77-BP CS 77-FP TP 110-AP CP 155-AP CP 155-LS/AP CP 96 CP 96-LS CP 96-AP CP 96-LS/AP TP 110-Re CS 68 Optima CS 59-PD	CS 68-PD CS 68-FP/PD CS 77-PD Eco system CS 86-HI Eco system-AP CS 77-Re Eco system Optima Eco system 75 CS 86-HI/AP CS 68 Optima-AP Eco system Optima-AP CF 77 CS 104 CS 77-SP
	071.8445.17 SPINDEL DAKRAAM VIS SANS FIN TABATIERE SPINDLE ATTIC WINDOW SPINDEL DACHFENSTER	CW 60 007.0765.XX 007.0768.XX CR 120 CW 50 TR 200	4 st/pc 050.5161.--  DIN 965 M5 x 16 4 st/pc 057.5711.--  M5
	071.8446.-- INHAAKKRUK 1500MM MANIVELLE D'ACCROCHAGE 1500MM CRANK 1500MM EINHAKKURBEL 1500MM	CW 60 071.8445.17 CR 120 CW 50 TR 200	

			
 	073.6118.-- KLEMSTUKKEN FIXATIONS FIXINGS KLAMMER	CW 50-SC CW 60-SC	4 st./pc 050.5031.--  DIN 912 M6 x 20
 	073.6119.-- KLEMSTUKKEN + ONDERVULLING FIXATIONS + SUPPORT FIXINGS + SUPPORT KLAMMER + FUELLSTUECK	CW 50-SC CW 60-SC	4 st./pc 050.5180.--  DIN 912 M6 x 25
 	073.6234.SY STUK DILATATIE PIECE DILATATION PIECE DILATATION STUECK DILATATION	CW 60 CW 60-SG CW 60-SC CW 60-HI CW 60-HL	
 	073.8271.-- DILATATIE AISI 304 DILATATION AISI 304 EXPANSION AISI 304 AUSDEHNUNG AISI 304	CW 60 CW 60-HI CW 60-HL	 1 st./pc 054.5440.--   1 st./pc 052.5360.--  DIN 7981 4.2 x 9.5

DD0066658



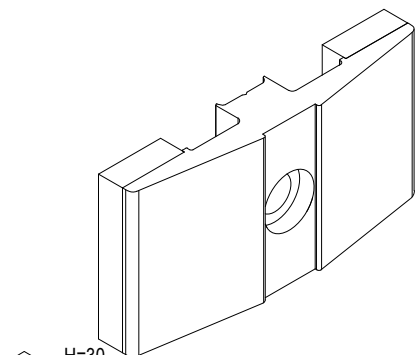
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 H=20 B=155 D=23	073.8227.04 ONTWATERINGSKANAAL VERDOKEN CANAL DE DRAINAGE CACHE HIDDEN DRAINAGE CHANNEL VERBORGEN DRAINAGEKANAL	CW 50 CW 50-RA CW 60		
 H=28 B=23 D=155	073.8238.04 ONTWATERINGSKANAAL SCHUINE BEGLAZING CANAL DE DRAINAGE VITRAGE OBLIQUE DRAINAGE CHANNEL SLOPED GLAZING DRAINAGEKANAL SCHRAEGVERGLASUNG	CW 50 CW 50-RA CW 60		



021.5850.35

KLEMSTUK HL 60MM
CLIP HL 60MM
CLIP HL 60MM
BEFESTIGUNGSKLOTZ HL 60MM

CW 50-HL
CW 50-FV
CW 60-HL
BS 30 Solar

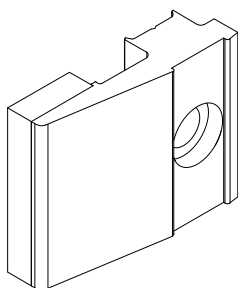


H=30
B=11
D=60

021.5851.35

KLEMSTUK HL 38MM
CLIP HL 38MM
CLIP HL 38MM
BEFESTIGUNGSKLOTZ HL 38MM

CW 50-HL
CW 50-FV
CW 60-HL
BS 30 Solar

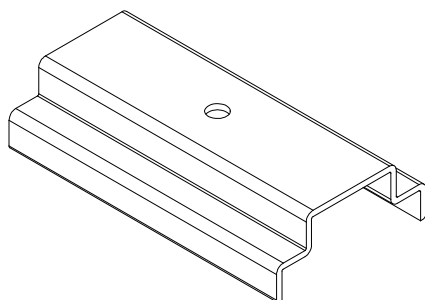


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B=11
D=38

073.6901.00

KLIPS
CLIP
CLIP
KLEMME

CW 60
CW 60-HL

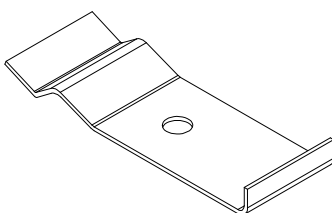


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D=55.8

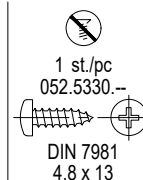
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KLIPS
CLIP
CLIP
KLEMME

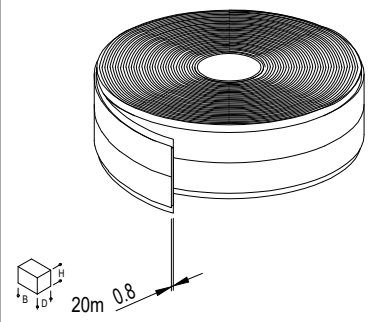
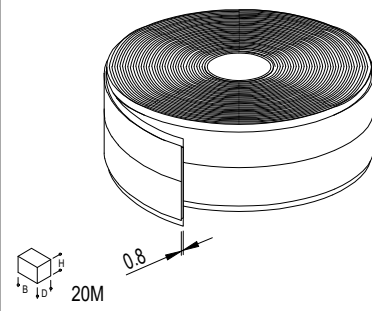
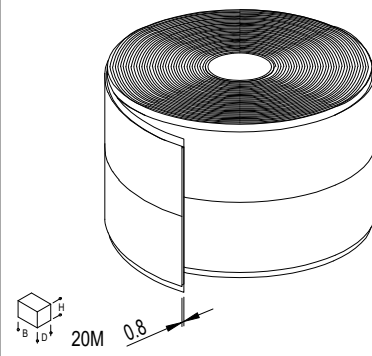
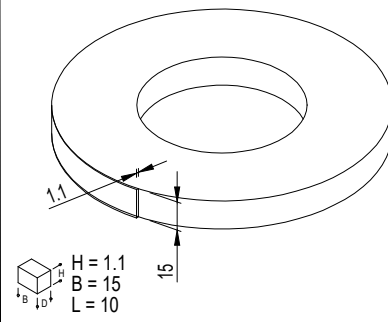
CW 50
CW 50-HL
CW 60
CW 50-SC
CW 50-SG
CW 60-SC
CW 60-HL

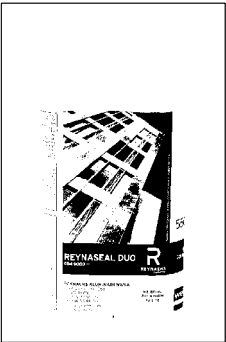
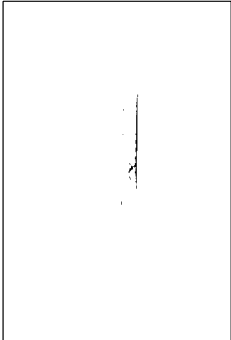
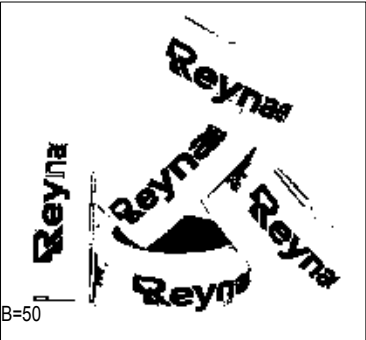
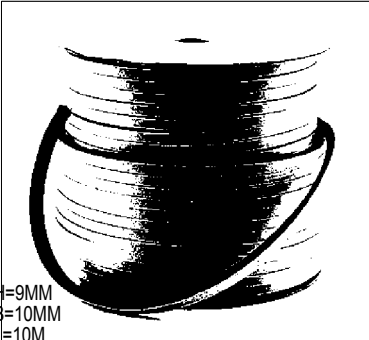
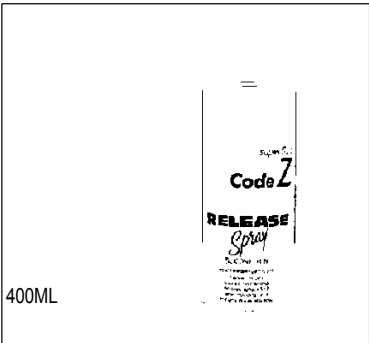


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B=56
D=20

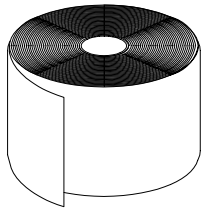
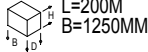
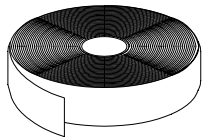
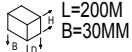
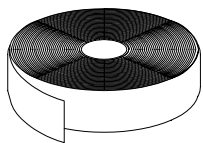
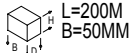
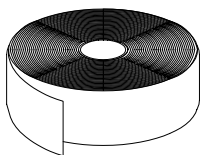
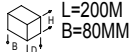
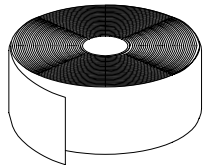
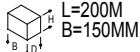




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	084.9712.04 AFDICHTINGSBAND JOINT D'ETANCHEITE SEALING TAPE ABDICHTUNGSBAND	BOREALE CR 120 CW 50 CW 50-HI CW 50-RA CW 60 CW 60-HI CW 65-EF CW 65-EF/SG PR 100 TR 200 TR 200-1.0		
	084.9713.04 AFDICHTINGSBAND JOINT D'ETANCHEITE SEALING TAPE ABDICHTUNGSBAND	BOREALE CR 120 CW 50 CW 50-HI CW 50-RA CW 60 CW 60-HI CW 65-EF CW 65-EF/SG PR 100 TR 200 TR 200-1.0		
	084.9108.04 VULKANISEERLIJM DICHTINGEN COLLE VULCANISANTE JOINTS VULCANISING GLUE GASKETS VULKANISIERKLEBER DICHTUNGEN			
	084.9115.04 KLEEFBAND 2-ZIJDEN KLEVEND BANDE 2 FACES AUTOCOLLANTES TAPE DOUBLE SIDES SELF-ADHESIVE KLEBENDES BAND BEIDSEITIG	CW 50 CW 60 SL 38		

  550GR	084.9080.-- REYNASEAL DUO REYNASEAL DUO REYNASEAL DUO REYNASEAL DUO			
	084.9085.-- MENGTUIT REYNASEAL DUO PIECE DE MELANGE REYNASEAL DUO MIXING NOZZLE REYNASEAL DUO MISCHSTUECK REYNASEAL DUO			
  B=50	084.9111.-- KLEEFBAND POLYPROPYLEEN BANDE AUTOCOLLANTE POLYPROPYLENE TAPE SELF-ADHESIVE POLYPROPYLENE KLEBENDES BAND POLYPROPYLEN			
  H=9MM B=10MM L=10M	084.9380.-- AFDICHTINGSBAND 1 ZIJDE ZELFKLEVEND JOINT D'ETANCHEITE 1 FACE AUTOCOLLANTE SEALING TAPE 1-SIDE SELF-ADHESIVE ABDICHTUNGSBAND EINSEITIG SELBSTKLEVEND			
  400ML	086.9551.-- SILICONE-SPRAY 400ML AEROSOL-SILICONE 400ML SILICONE SPRAY 400ML SILICONENSPRAY 400ML			

D0056624

				
 	084.9501.01 REYNATAPE 1250MM L=200M REYNATAPE 1250MM L=200M REYNATAPE 1250MM L=200M REYNATAPE 1250MM L=200M			
 	084.9530.01 REYNATAPE 30MM L=200M REYNATAPE 30MM L=200M REYNATAPE 30MM L=200M REYNATAPE 30MM L=200M			
 	084.9550.01 REYNATAPE 50MM L=200M REYNATAPE 50MM L=200M REYNATAPE 50MM L=200M REYNATAPE 50MM L=200M			
 	084.9580.01 REYNATAPE 80MM L=200M REYNATAPE 80MM L=200M REYNATAPE 80MM L=200M REYNATAPE 80MM L=200M			
 	084.9750.01 REYNATAPE 150MM L=200M REYNATAPE 150MM L=200M REYNATAPE 150MM L=200M REYNATAPE 150MM L=200M			



084.9063.XX

 SILICONE
 SILICONE
 SILICONE
 SILICONEN


 375GR
 .00= TRANSPARENT/.04= BLACK/.07= GREY
 .51= WHITE/.53= BROWN

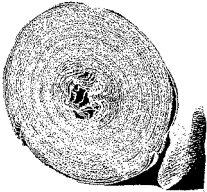
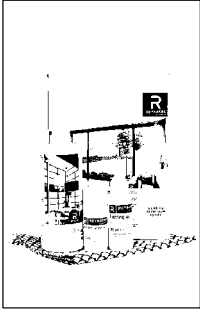
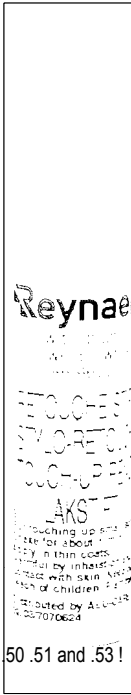
086.9150.--

 ALU GOM VOOR VLEKKEN
 GOMME POUR GRIFFES ET TACHES
 RUBBING BLOCK
 REINIGUNGSPAD FÜR ELOXAL-FLACHEN

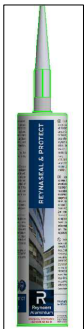
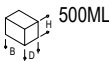
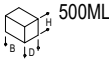
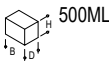

 H=50
 B=82
 D=20

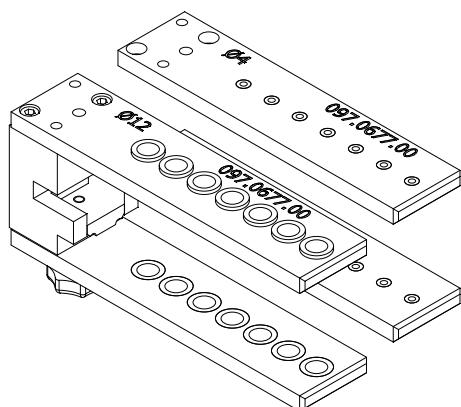
084.9104.04

 AFDICHTINGSPASTA
 PATE MASTIC
 SEALING PASTE
 ABDICHTUNGSPASTE


  B=100MM	086.9160.-- INPAKPAPIER PAPIER CREPONE PACKAGING PAPER VERPACKUNGSPAPIER			
	086.9220.-- REYNACARE BOX REYNACARE BOX REYNACARE BOX REYNACARE BOX			
  Available in .50 .51 and .53 !	086.9600.XX REYNASTICK REYNASTICK REYNASTICK REYNASTICK 086.9600.50 RAL 9001 GLANS 90° RAL 9001 BRILLANCE 90° RAL 9001 POLISH 90° RAL 9001 GLANZ 90° 086.9600.51 REYNAERS-WIT REYNAERS-BLANC REYNAERS-WHITE REYNAERS-WEISS 086.9600.53 REYNAERS-BRUIJN REYNAERS-BRUN REYNAERS-BROWN REYNAERS-BRAUN			



	086.9206.SY REYNASEAL & PROTECT REYNASEAL & PROTECT REYNASEAL & PROTECT REYNASEAL & PROTECT	MASTERLINE 8-Fu		
 	086.9210.-- REYNAFINISH 60 (VOC=100 %) REYNAFINISH 60 (VOC=100 %) REYNAFINISH 60 (VOC=100 %) REYNAFINISH 60 (VOC=100 %)			
 	086.9211.-- REYNOVATOR 718 REYNOVATOR 718 REYNOVATOR 718 REYNOVATOR 718			
 	086.9212.-- REYNAWASH COLOR (VOC=10 %) REYNAWASH COLOR (VOC=10 %) REYNAWASH COLOR (VOC=10 %) REYNAWASH COLOR (VOC=10 %)			
 	086.9213.-- REYNAWASH ANO REYNAWASH ANO REYNAWASH ANO REYNAWASH ANO			



097.0677.00

BOORMAL T-VERBINDING
CALIBRE RACCORDEMENT-T
BORING JIG T-CONNECTION
BOHRLEHRE T-VERBINDUNG



CW 60

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-SG

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-SC

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

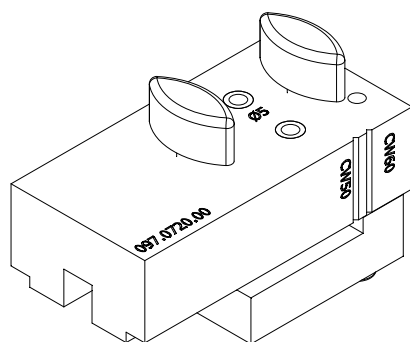
CW 60-HI

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX

034.1628.XX

CW 60-HL

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX



097.0720.00

BOORMAL SCHROEFVERBINDING
CALIBRE DE PERCAGE JONCTION A VISSER
BORING JIG SCREW CONNECTION
BOHRLEHRE VERSCHRAUBUNG



CW 60

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-SG

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-SC

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-HI

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX

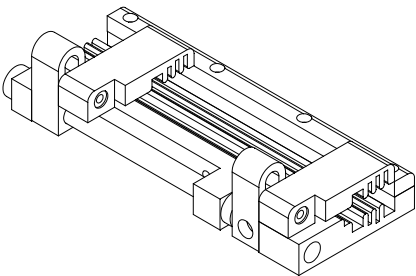
034.1628.XX

CW 60-HL

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 50-FP CW 60 Solar

CW 50
CW 50-HI
CW 50-HL
CW 50-RA
CW 50-SC
CW 50-SG



097.0665.00

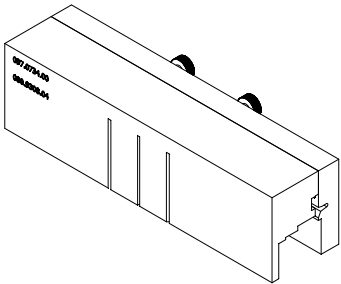
SNIJMAL
GABARIT A COUPER
CUTTING JIG
SCHNEIDELEHRE



CW 60-HI
080.9892.07

080.9893.07

CW 50-HI

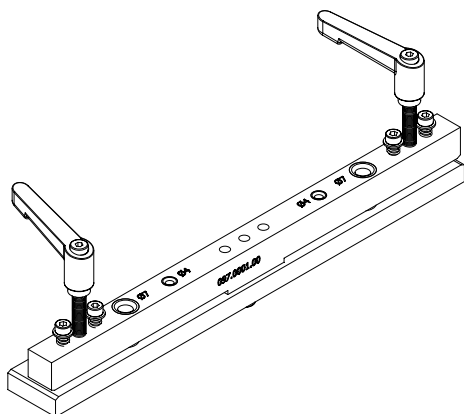


097.0734.00

SNIJMAL
GABARIT A COUPER
CUTTING JIG
SCHNEIDELEHRE



CW 60-SC
080.9308.04
034.1121.XX
034.0155.XX



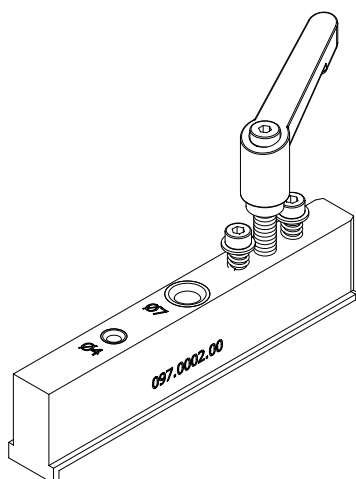
097.0001.00

BOORMAL SCHROEFHOEK + LIJMINJECTIE
CALIBRE EQUERRE A VISSER + INJECTION COLLE
BORING JIG SCREW CORNER CLEAT + GLUE INJECT.
BOHRLEHRE SCHRAUBECKWINKEL + KLEBERINJEKTION



CW 60
007.0775.XX
007.0778.XX
007.1765.XX
007.1768.XX

CW 50
CR 120



097.0002.00

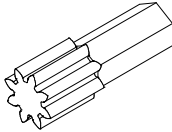
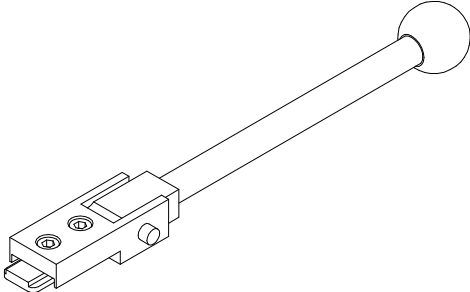
BOORMAL SCHROEFHOEK + LIJMINJECTIE
CALIBRE EQUERRE A VISSER + INJECTION COLLE
BORING JIG SCREW CORNER CLEAT + GLUE INJECT.
BOHRLEHRE SCHRAUBECKWINKEL + KLEBERINJEKTION

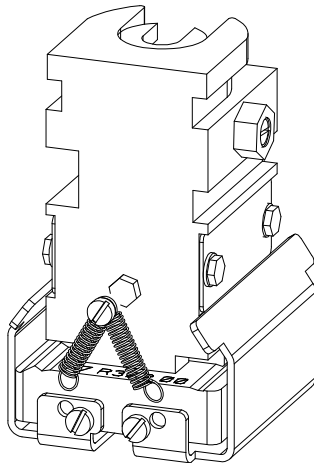


CW 60
007.0778.XX
007.1768.XX

CW 50
CR 120



	097.0754.00 BITS BITS BITS BITS	CW 60 068.7563.00 CP 130 CP 130-LS CP 155 CP 155-LS CW 50 CW 50-HL CW 50-SC Eco system Eco system-AP CW 65-EF CF 77 CS 104 CF 77-AP	
	090.0113.00 KANAALOPENER GRUGEOIR MAN. DEGAGEMENT TRINGLE CHANNEL OPENER KANALOEFFNER	CW 60 034.0156.XX 034.0157.XX 034.1113.XX 034.1122.XX 034.2120.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX CW 60-HL 034.0156.XX 034.0157.XX 034.1113.XX 034.1122.XX 034.2120.XX CS 59Pa CS 59 CS 59-HV CS 59-Re CS 59-So CS 68 CS 68-HV CS 68-Re CS 68-So CW 50 CW 50-HI CW 50-HL CS 77 CS 77-HV CS 77-BP	CW 50-SC CW 50-SG Eco system CS 38-SL CS 86-HI Eco system-AP CS 38-SL/AP CS 77-Re CW 65-EF CS 77 Optima CW 50-VL
	095.H900.00 MANUEEL PISTOOL PISTOLET MANUEL MANUAL GUN MANUELLE SPRITZE	CW 50 CW 50-VL	



097.R300.00

PONSUNIT ONTWATERING
UNITE D'ETAMPER DRAINAGE
PUNCH UNIT DRAINAGE
STANZEINHEIT ENTWAESSERUNG

CW 60

034.0630.00

034.3634.00

CW 60-HI

034.0630.00

034.3634.00

CW 60-HL

034.3634.00

CW 50

CW 50-HI

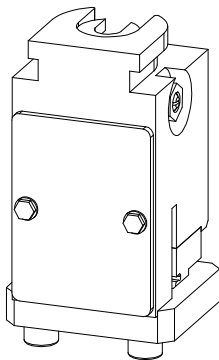
CW 50-HL

CW 50-RA

CW 50-SL

CW 50-FP

CW 60 Solar



097.S100.00

PONSUNIT ONTWATERING
UNITE D'ETAMPER DRAINAGE
PUNCH UNIT DRAINAGE
STANZEINHEIT ENTWAESSERUNG

CW 60

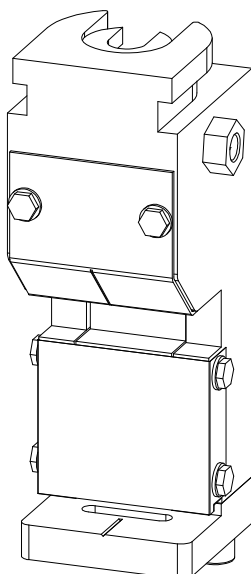
007.0125.XX

CW 50

CW 86

CW 86-EF/HI

CW 86-EF



097.S200.00

PONSUNIT ONTWATERING
UNITE D'ETAMPER DRAINAGE
PUNCH UNIT DRAINAGE
STANZEINHEIT ENTWAESSERUNG

CW 60

034.0637.XX

034.0638.XX

034.0639.XX

CW 60-HI

034.0637.XX

034.0638.XX

034.0639.XX

CW 60-HL

034.0637.XX

034.0638.XX

034.0639.XX

CW 50

CW 50-HI

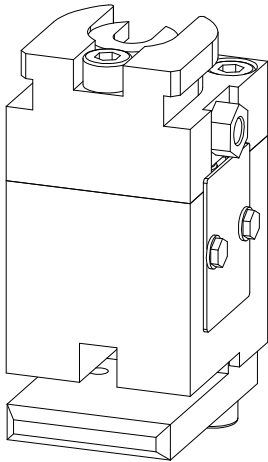
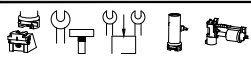
CW 50-HL

CW 50-RA

TR 200

CW 50-SL

CW 50-FP



097.R600.00

PONSUNIT T-VERBINDING
UNITE D'ETAMPER JONCTION-T
PUNCH UNIT T-BRACKET
STANZEINHEIT T-VERBINDUNG



CW 60

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-SG

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-SC

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-HI

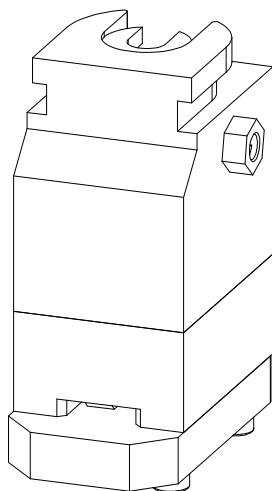
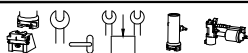
034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 60-HL

034.1622.XX
034.1623.XX
034.1624.XX
034.1625.XX
034.1626.XX
034.1627.XX
034.1628.XX

CW 50

CW 50-HI
CW 50-HL
CW 50-RA
CW 50-SC
CW 50-SG
CW 50-FP



097.R400.00

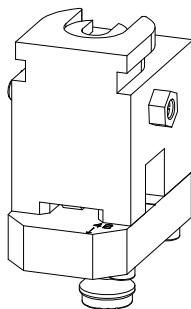
PONSUNIT KRUK
UNTE D'ETAMPER POIGNEE
PUNCH UNIT HANDLE
STANZEINHEIT HANDGRIFF



CW 60
001.0075.17

CS 104

CS 59Pa
CS 59
CS 68
AV 40
CW 50
CS 77
CW 86
CS 77-BP
Eco system
CS 38-SL
CS 86-HI
Eco system-AP
CS 38-SL/AP
CW 65-EF



097.R500.00

PONSUNIT KRUK
UNTE D'ETAMPER POIGNEE
PUNCH UNIT HANDLE
STANZEINHEIT HANDGRIFF

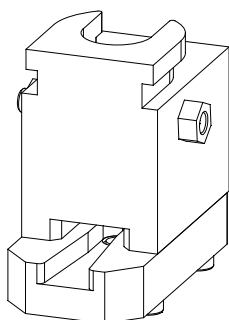
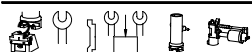


CW 60
001.0075.17

CS 104

CF 77

CS 59Pa
CS 59
CS 68
AV 40
CW 50
CS 77
CW 86
CS 77-BP
Eco system
CS 38-SL
CS 86-HI
Eco system-AP
CS 38-SL/AP
CW 65-EF



097.L800.00

PONSUNIT SLUITPEN
UNITE D'ETAMPER ROULEAU
PUNCH UNIT LOCK PIN
STANZEINHEIT SCHLIESSROLLE



CW 60
060.7075.--

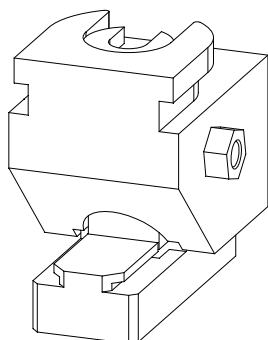
060.7076.--

CW 60-SC
060.7075.--

060.7076.--

CW 50
CW 50-SC
CW 50-SG
CW 65-EF
CW 86

CW 86-EF
CR 120



097.Q500.00

PONSUNIT KANAALOPENING
UNITE D'ETAMPER DECOUPE DU CANAL DE LA TRINGL
PUNCH UNIT CUT-AWAY LINKBAR CHANNEL
STANZEINHEIT AUSNEHMUNG DES SCHUBSTANGEKANALS



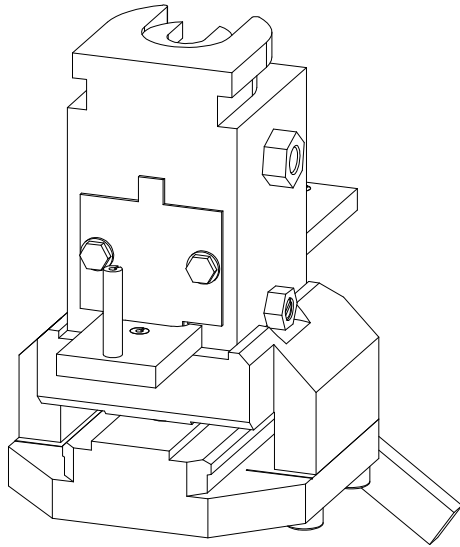
CW 60
007.0778.XX
007.1768.XX
034.0156.XX
034.1113.XX
034.1122.XX

CW 60-SC
034.0156.XX
034.1113.XX
034.1122.XX

CW 60-HL
034.0156.XX
034.1113.XX
034.1122.XX

CS 59
CS 59-HV
CS 59-Re
CS 59-So
CS 68
CS 68-HV
CS 68-Re
CS 68-So
CW 50
CW 50-HL
CR 120
CS 77
CS 77-HV
CS 77-BP
CW 50-SC
CW 50-SG
Eco system

CS 38-SL
CS 86-HI
Eco system-AP
CS 38-SL/AP
CS 77-Re
CW 65-EF
CS 104



097.R100.00

PONSUNIT SCHROEFVERBINDING
UNITE D'ETAMPER JONCTION A VISSER
PUNCH UNIT SCREW CONNECTION
STANZEINHEIT VERSCHRAUBUNG

CW 60
034.3634.00

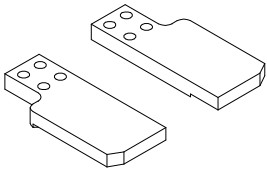
CW 50



	095.21TP.00 PERSBLOK ENCLUME PRESS BLOCK PRESSBLOCK	CW 60 034.1121.XX CW 60-SC 034.1121.XX CW 60-HL 034.1121.XX CW 50 CW 50-HL CW 50-SC CW 50-SG CW 65-EF	
	095.H810.00 PERSBLOK ENCLUME PRESS BLOCK PRESSBLOCK	CW 60 034.0156.XX 034.0157.XX 034.1113.XX 034.1122.XX 034.2120.XX CW 60-SC 034.0156.XX 034.1113.XX 034.1122.XX CW 60-HL 034.0156.XX 034.0157.XX 034.1113.XX 034.1122.XX 034.2120.XX CP 130 CW 50 CW 50-HL	CW 50-SC CW 65-EF CS 59Pa-SD CS 59-SD TP 110 TLS 110 MOSQUITO CW 50-SG Eco system CW 86-EF/Hi Eco system Optima Eco system 75
	097.A200.00 PERSBLOK CONCEPT ENCLUME CONCEPT PRESS BLOCK CONCEPT PRESSBLOCK CONCEPT	CW 60-SC 034.0127.XX 034.0128.XX 034.0131.XX CS 59 CP 155 CP 155-LS CS 68-FP CS 77 CS 77-BP CW 50-SC CP 155-AP CP 155-LS/AP Eco system Eco system-AP CS 68	



	097.D200.00 PERSBLOK CONCEPT ENCLUME CONCEPT PRESS BLOCK CONCEPT PRESSBLOCK CONCEPT	CW 60 034.0155.XX CW 60-SC 034.0155.XX CW 60-HL 034.0155.XX CS 59Pa CS 59Pa-CD CS 59-CD TP 110 CW 50 CW 50-HL CW 50-SC CW 65-EF	
	097.L600.00 PERSBLOK ENCLUME PRESS BLOCK PRESSBLOCK	CW 60 007.0778.XX 007.1768.XX CW 50 CR 120	
	097.W100.00 PERSBLOK ENCLUME PRESS BLOCK PRESSBLOCK	CW 60 007.0775.XX 007.1765.XX CW 50 CR 120 CF 77	



097.D501.00

MESSEN 8MM
COUTEAUX 8MM
KNIVES 8MM
MESSER 8MM

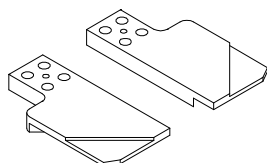


CW 60	CS 68 Optima
005.0826.XX	Eco system
007.0775.XX	CS 38-SL
007.0778.XX	CS 86-HI
007.1765.XX	Eco system-AP
007.1768.XX	CS 38-SL/AP
034.0155.XX	CS 24-SL
034.0156.XX	CS 24-SL/AP
034.0157.XX	CW 86-EF/Hi
034.1113.XX	Eco system Optima
034.1121.XX	CW 65-EF
034.1122.XX	CW 65-EF/SG
034.2120.XX	Eco system 75
	CW 65-EF/Hi
CW 60-SC	CF 77
034.0155.XX	CS 104
034.0156.XX	CP 45Pa (GR)
034.1113.XX	CS 77-SP
034.1121.XX	CS 77 Optima
034.1122.XX	
CW 60-HL	CS 59-HV
034.0155.XX	CS 59-Re
034.0156.XX	CS 59-So
034.0157.XX	CS 59-CD
034.1113.XX	CS 68-HV
034.1121.XX	CS 68-Re
034.1122.XX	CS 68-So
034.2120.XX	CS 68-FP
	CW 86
	CS 77-HV
	CW 50-SG
CS 59Pa	CW 86-EF
CS 59	CS 77-Re
CS 68	
TP 110	CS 68 Optima-AP
CP 130	Eco system Optima-AP
CP 130-LS	
CP 155	
CP 155-LS	
CW 50	
CW 50-HL	
CR 120	
CS 77	
CS 77-BP	
CW 50-SC	
CS 77-FP	
CP 155-AP	
CP 155-LS/AP	
CP 96	
CP 45Pa	
CP 96-LS	
CP 96-AP	
CP 96-LS/AP	



097.D502.00

MESSEN 2.5MM
 COUTEAUX 2.5MM
 KNIVES 2.5MM
 MESSER 2.5MM



CW 60
 001.0538.XX
 001.0826.XX
 001.1426.XX
 005.0826.XX

CW 60-SG
 034.0161.XX

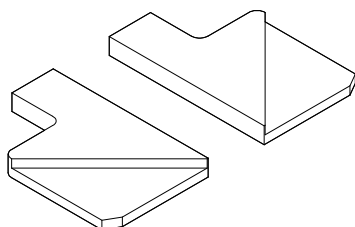
CW 60-SC
 034.0127.XX
 034.0128.XX
 034.0131.XX

CS 59Pa
 CS 59
 CS 59-HV

CS 68
 CW 50
 MOSQUITO
 CW 86
 CW 50-SC
 CW 50-SG
 CP 96
 CW 86-EF
 CP 96-LS
 CP 96-AP
 CP 96-LS/AP
 CS 86-HI
 CF 77
 CS 104

097.J100.00

MESSEN 5MM
 COUTEAUX 5MM
 KNIVES 5MM
 MESSER 5MM

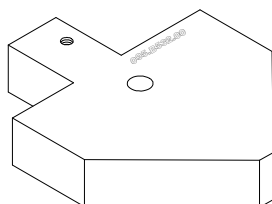


CW 60
 007.0778.XX
 007.1768.XX

CW 50
 CR 120
 CS 77
 CS 77-BP
 CS 24-SL
 CS 24-SL/AP

**095.B532.00**

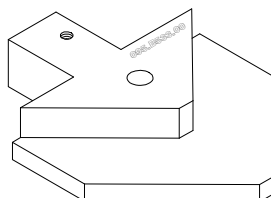
PERSBLOK D=30MM L=ST
 ENCLUME D=30MM L=ST
 PRESS BLOCK D=30MM L=ST
 PRESSBLOCK D=30MM L=ST



CW 60 034.0155.XX 034.0156.XX 034.0157.XX 034.1113.XX 034.1121.XX 034.1122.XX 034.2120.XX	034.0155.XX 034.0156.XX 034.0157.XX 034.1113.XX 034.1121.XX 034.1122.XX 034.2120.XX	CP 130 CP 155 CW 50 CW 50-HL MOSQUITO CS 77 CW 86 CW 86-SG CS 77-HV CW 50-SC CW 50-SG CP 96 CW 86-EF CP 96-LS CP 96-AP CP 96-LS/AP TP 110-Re	Eco system CS 38-SL CS 86-HI Eco system-AP CS 38-SL/AP CS 24-SL CS 24-SL/AP CW 86-EF/HI CS 77-Re Eco system Optima CW 65-EF CW 65-EF/SG CW 65-EF/HI CF 77 CS 77-SP TP 138	CP 155-LS TR 200 CR 120 CS 77-BP Eco system Optima-AP
CW 60-SC 034.0155.XX 034.0156.XX 034.1113.XX 034.1121.XX 034.1122.XX	CS 59Pa CS 59Pa-SD CS 59 CS 59-HV CS 59-SD CS 68 CS 68-HV CS 68-Re TP 110			
CW 60-HL				

095.B533.00

PERSBLOK D=11 L=ST-4MM
 ENCLUME D=11 L=ST-4MM
 PRESS BLOCK D=11 L=ST-4MM
 PRESSBLOCK D=11 L=ST-4MM

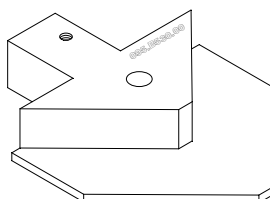


CW 60 001.0538.XX 001.0826.XX 001.1426.XX 005.0538.XX 005.0826.XX 005.1426.XX 007.0775.XX 007.1765.XX 008.3538.XX 008.3826.XX	CS 59 CS 59-HV CS 59-Re CS 59-So CS 59-CD CS 59-SD CS 68 CS 68-HV CS 68-Re CS 68-So TP 110 TP 138 TLS 110 CP 130 CP 130-LS CP 155 CP 155-LS	CW 50 CW 50-HI CS 68-FP CR 120 CS 77 CS 77-HV CS 77-BP CW 50-SC CS 77-FP CW 60-DRLE CP 45Pa TP 110-Re CS 68 Optima Eco system CS 86-HI Eco system-AP CS 77-Re	Eco system Optima Eco system 75 CF 77 CS 104 CP 45Pa (GR) CS 77-SP CS 77 Optima CS 68 Optima-AP Eco system Optima-AP	
CW 60-SC 034.0131.XX				
PS 50-SP CS 59Pa				



095.B530.00

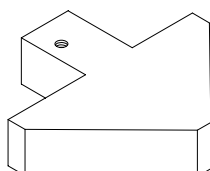
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ENCLUME D=5MM L=ST
PRESS BLOCK D=5MM L=ST
PRESSBLOCK D=5MM L=ST



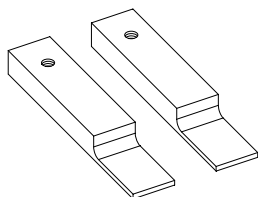
CW 60 001.0538.XX 001.0826.XX 001.1426.XX 005.0538.XX 005.0826.XX 005.1426.XX 007.0778.XX 007.1768.XX 008.3538.XX 008.3826.XX CS 59Pa CS 59Pa-AD CS 59Pa-CD CS 59Pa-SD CS 59	CS 59-HV CS 59-Re CS 59-So CS 59-CD CS 59-SD CS 68 CS 68-HV CS 68-Re CS 68-So TP 110 CP 130 CP 130-LS CP 155 CP 155-LS CW 50 CW 50-HI CS 68-FP	CR 120 CS 77 CS 77-HV CS 77-BP CS 77-FP CP 96 CW 60-DRL CP 96-LS CP 96-AP CP 96-LS/AP CS 68 Optima CS 86-HI CS 77-Re CF 77 CS 104 CS 77-SP CS 77 Optima	CS 68 Optima-AP
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095.B544.00

PERSBLOK
ENCLUME
PRESS BLOCK
PRESSBLOCK



CW 60 007.0778.XX 007.1768.XX CW 50 CR 120				
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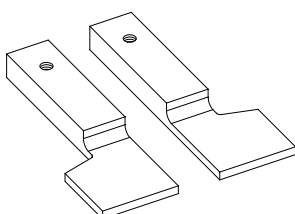


095.B560.00

MESSEN D=3MM L=ST
 COUTEAUX D=3MM L=ST
 KNIVES D=3MM L=ST
 MESSER D=3MM L=ST



CW 60-SC 034.0127.XX 034.0128.XX 034.0131.XX	CS 38-SL Eco system-AP CS 38-SL/AP CS 24-SL CS 24-SL/AP Eco system Optima CW 65-EF CP 45Pa (GR) CS 77 Optima CS 68 Optima-AP			
CS 59Pa CS 68 CW 86 CW 50-SC CP 96 CP 45Pa CW 86-EF CP 96-LS CP 96-AP CP 96-LS/AP CS 68 Optima Eco system				

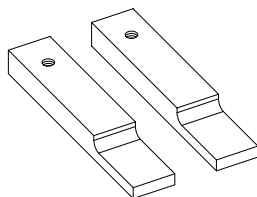


095.B567.00

MESSEN D=5MM L=ST+15MM
 COUTEAUX D=5MM L=ST+15MM
 KNIVES D=5MM L=ST+15MM
 MESSER D=5MM L=ST+15MM



CW 60 007.0778.XX 007.1768.XX				
CW 50 CR 120 CS 77 CW 86 CS 77-BP CW 86-EF PS 50-SP				



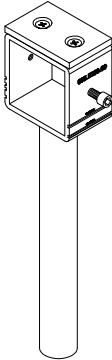
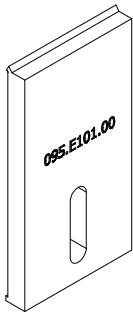
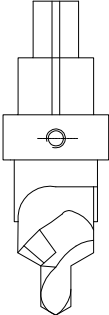
095.B562.00

MESSEN D=7MM L=ST
COUTEAUX D=7MM L=ST
KNIVES D=7MM L=ST
MESSER D=7MM L=ST



CW 60	CP 130
001.0538.XX	CP 130-LS
001.0826.XX	CP 155
001.1426.XX	CP 155-LS
005.0538.XX	CW 50
005.0826.XX	CW 50-HI
005.1426.XX	CW 50-HL
007.0775.XX	CS 68-FP
007.0778.XX	CR 120
007.1765.XX	CS 77
007.1768.XX	CW 86
008.3538.XX	CW 86-SG
008.3826.XX	CS 77-HV
034.0155.XX	CS 77-BP
034.0156.XX	CW 50-SC
034.0157.XX	CW 50-SG
034.1113.XX	CS 77-FP
034.1121.XX	CP 155-AP
034.1122.XX	CP 155-LS/AP
034.2120.XX	CP 96
	CW 60-DRL
CW 60-SC	CP 45Pa
034.0155.XX	CW 86-EF
034.0156.XX	CP 96-LS
034.1113.XX	CP 96-AP
034.1121.XX	CP 96-LS/AP
034.1122.XX	TP 110-Re
	CS 68 Optima
CW 60-HL	Eco system
034.0155.XX	CS 38-SL
034.0156.XX	CS 86-HI
034.0157.XX	Eco system-AP
034.1113.XX	CS 38-SL/AP
034.1121.XX	CS 24-SL
034.1122.XX	CS 24-SL/AP
034.2120.XX	CW 86-EF/HI
	CS 77-Re
PS 50-SP	Eco system Optima
CS 59Pa	CW 65-EF
CS 59Pa-AD	CW 65-EF/SG
CS 59Pa-SD	Eco system 75
CS 59	CW 65-EF/HI
CS 59-HV	CF 77
CS 59-Re	CS 104
CS 59-So	CP 45Pa (GR)
CS 59-SD	CS 77-SP
CS 68	CS 77 Optima
CS 68-HV	
CS 68-Re	TR 200
CS 68-So	MOSQUITO
TP 110	CS 68 Optima-AP
TP 138	Eco system Optima-AP



	095.E100.00 PROFIELVERWIJDERAAR ELOIGNEUR DE PROFILE PROFILE REMOVER PROFIENTFERMER	CW 60 034.0637.XX 034.0638.XX 034.0639.XX CW 50	
	095.E101.00 KLIPS PROFIELVERWIJDERAAR CLIPPE ELOIGNEUR DE PROFILE CLIP PROFILE REMOVER KLEMME PROFIENTFERMER	CW 60 095.E100.00 CW 50	
	090.5810.-- BOOR FORET DRILLING HEAD BOHRER	CW 60 034.0155.XX 034.1121.XX CW 60-SC 034.0155.XX 034.1121.XX CW 60-HL 034.0155.XX 034.1121.XX CW 50 CW 50-HL CW 50-SC CW 65-EF	PS 50-SP



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