

Profile range	Profilsortiment	Gamme de profilés	2.0
Profiles Glazing beads and complementary Glazing table	Profile Glashalteleisten und komplementär Verglasungstabellen	Profilés Parcloses et complémentaire Tableau de vitrage	2.1 2.2 2.3

Profiles

Profile

Profilés

2.1

Legend

+ = Fixed
— = Open in
- - - = Open out
Dimensions in: mm
Scale 1:1
G = Weight
U = Coated surface

Legende

+ = Fixed
— = Innen öffnend
- - - = Außen öffnend
Einheit in: mm
Maßstab 1:1
G = Gewicht
U = Abwicklung

Légende

+ = Fixe
— = Ouvr. intérieur
- - - = Ouvr. extérieur
Dimensions en: mm
Échelle 1:1
G = Poids
U = Surface à traiter

Profiles

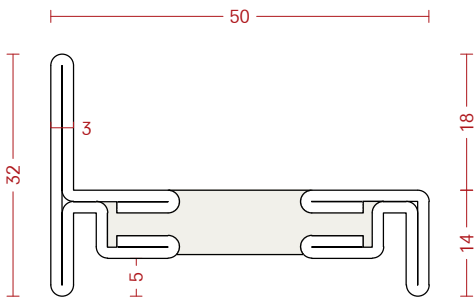
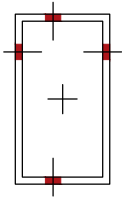
BAR LENGTH: 5800 mm
MATERIAL:
02 - Galvanized steel

Profile

STABLÄNGE: 5800 mm
WERKSTOFF:
02 - Stahl bandverzinkt

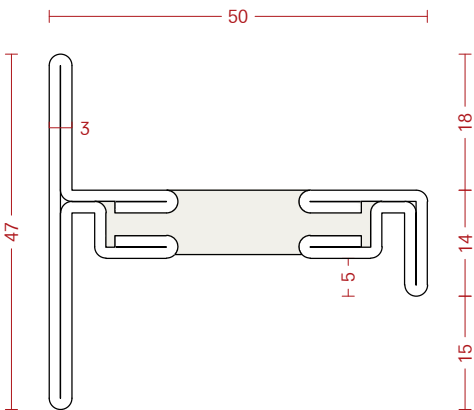
Profilés

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
02 - Acier galvanisé



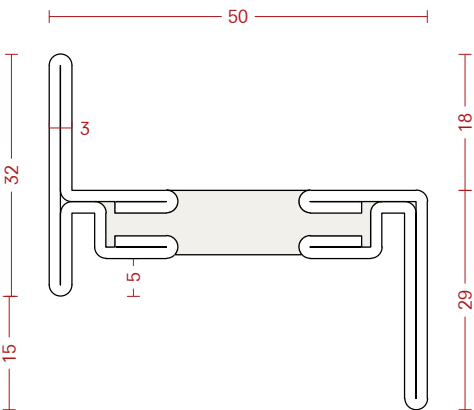
FT 5009LF-02

G = 2.43 U = 0.192
kg/m m²/m



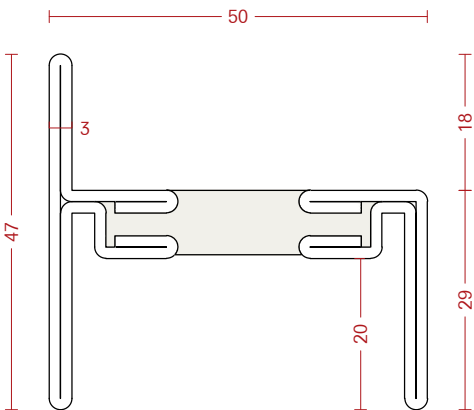
FT 5009TF-02

G = 2.79 U = 0.222
kg/m m²/m



FT 5009ZF-02

G = 2.79 U = 0.222
kg/m m²/m



FT 5009HF-02

G = 3.14 U = 0.252
kg/m m²/m

Profiles

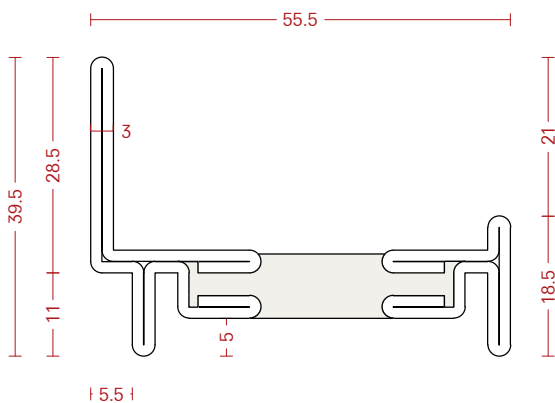
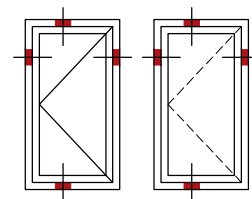
BAR LENGTH: 5800 mm
MATERIAL:
02 - Galvanized steel

Profile

STABLÄNGE: 5800 mm
WERKSTOFF:
02 - Stahl bandverzinkt

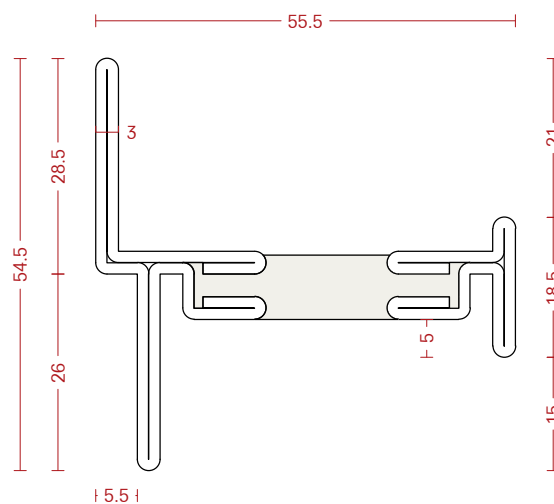
Profilés

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
02 - Acier galvanisé



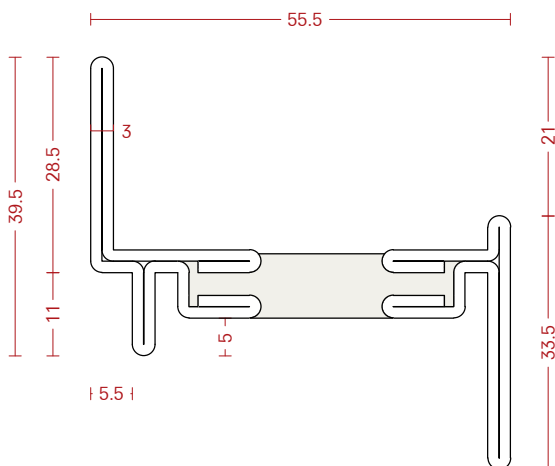
FT 5509L-02

G = 2.83 U = 0.226
kg/m m²/m



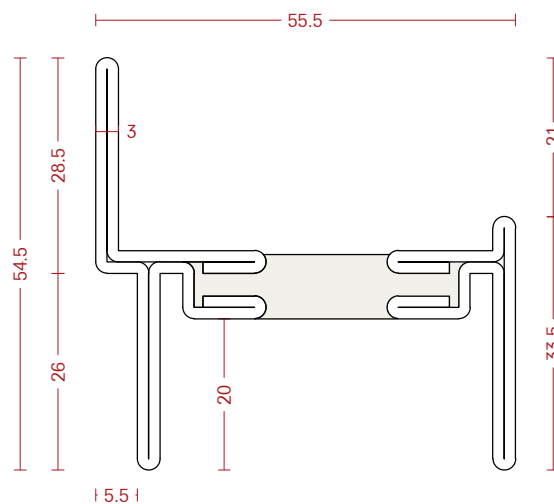
FT 5509T-02

G = 3.18 U = 0.256
kg/m m²/m



FT 5509Z-02

G = 3.18 U = 0.256
kg/m m²/m



FT 5509H-02

G = 3.54 U = 0.286
kg/m m²/m

Profiles

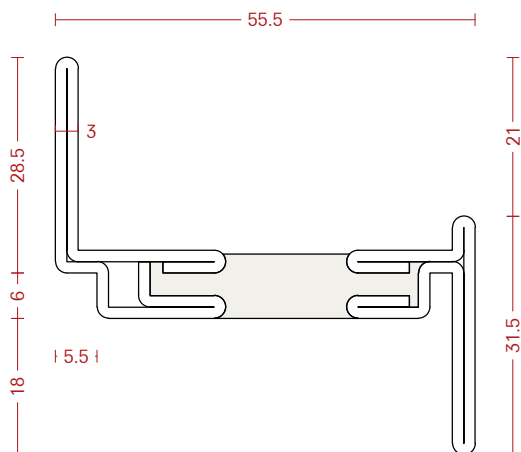
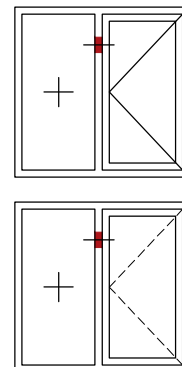
BAR LENGTH: 5800 mm
MATERIAL:
02 - Galvanized steel

Profile

STABLÄNGE: 5800 mm
WERKSTOFF:
02 - Stahl bandverzinkt

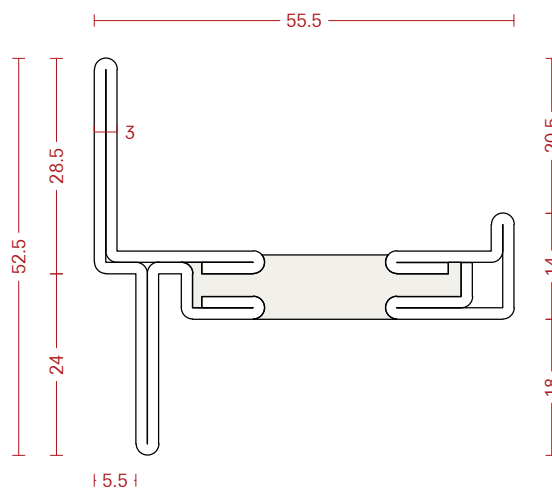
Profilés

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
02 - Acier galvanisé



FT 5509ZL-02

G = 2.99 U = 0.232
kg/m m²/m



FT 5509TL-02

G = 2.99 U = 0.232
kg/m m²/m

Profiles

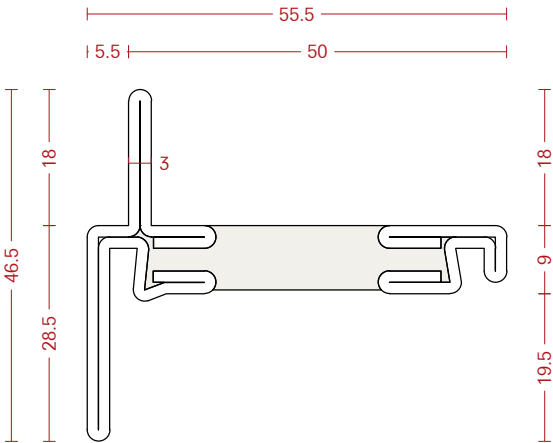
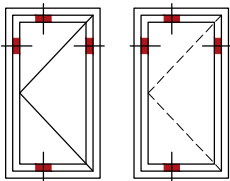
BAR LENGTH: 5800 mm
MATERIAL:
02 - Galvanized steel

Profile

STABLÄNGE: 5800 mm
WERKSTOFF:
02 - Stahl bandverzinkt

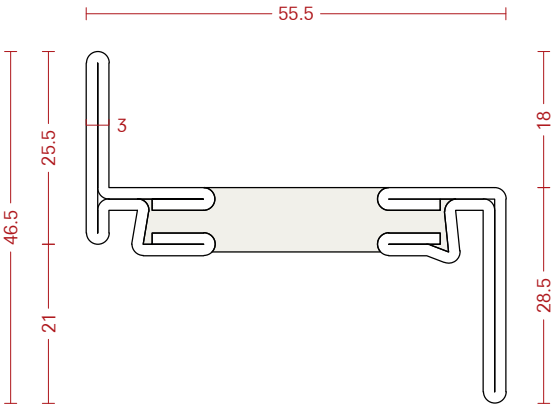
Profilés

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
02 - Acier galvanisé



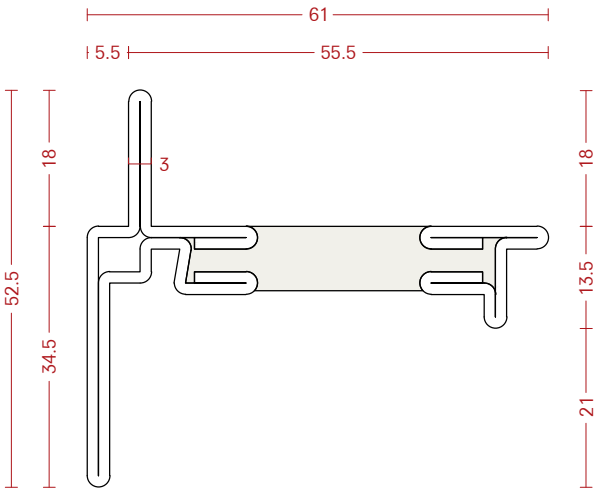
FT 5509TA-02

U = 2.69 U = 0.221
kg/m m²/m



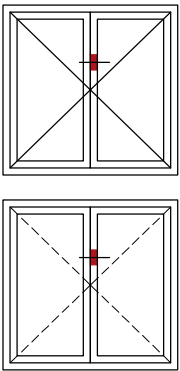
FT 5509ZA-02

U = 2.70 U = 0.222
kg/m m²/m



FT 6109TZ-02

G = 2.93 U = 0.242
kg/m m²/m



Profiles

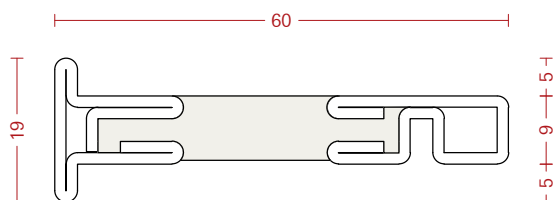
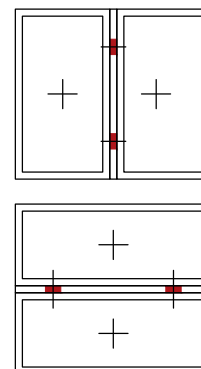
BAR LENGTH: 5800 mm
MATERIAL:
02 - Galvanized steel

Profile

STABLÄNGE: 5800 mm
WERKSTOFF:
02 - Stahl bandverzinkt

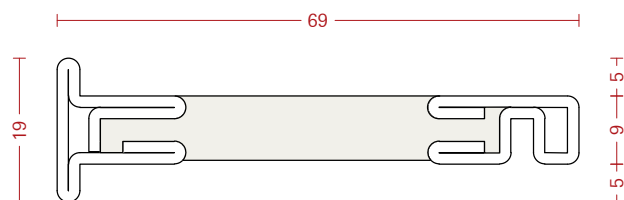
Profilés

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
02 - Acier galvanisé



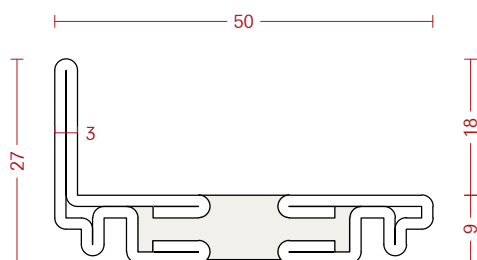
FT 6009SV-02

G = 2.16 U = 0.165
kg/m m²/m



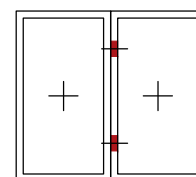
FT 6909SO-02

G = 2.19 U = 0.183
kg/m m²/m



FT 5009LC-02

G = 2.19 U = 0.167
kg/m m²/m



Profiles

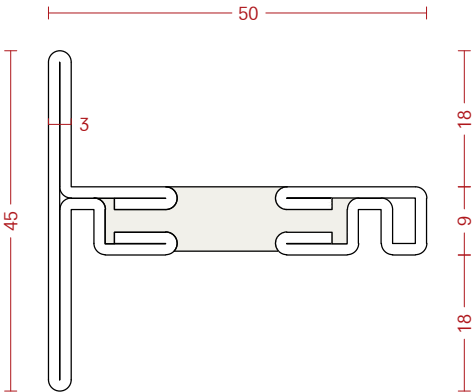
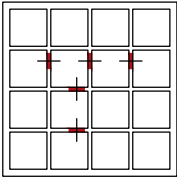
BAR LENGTH: 5800 mm
MATERIAL:
02 - Galvanized steel

Profile

STABLÄNGE: 5800 mm
WERKSTOFF:
02 - Stahl bandverzinkt

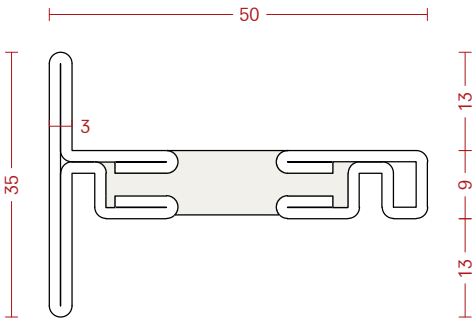
Profilés

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
02 - Acier galvanisé



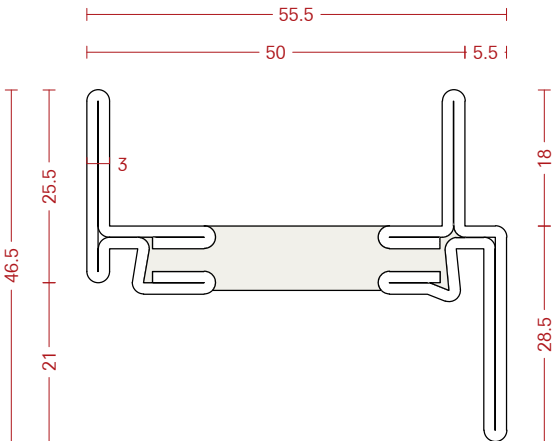
FT 5009TN-02

G = 2.61 U = 0.208
kg/m m²/m



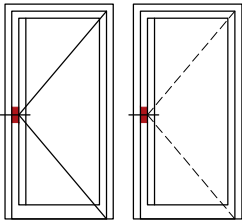
FT 5009TR-02

G = 2.52 U = 0.188
kg/m m²/m



FT 5509HP-02

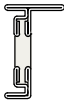
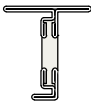
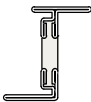
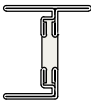
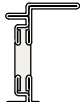
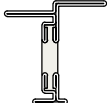
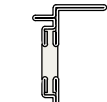
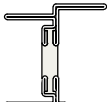
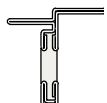
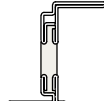
G = 2.90 U = 0.258
kg/m m²/m



Inertia values
according to EN14024

Trägheitswerte
gemäß EN14024

Valeurs d'inertie
selon EN14024

		G (kg/m)	U (m ² /m)	I _y (cm ⁴)	W _y (cm ³)	I _x (cm ⁴) SPAN L1	I _x (cm ⁴) SPAN L2	I _x (cm ⁴) SPAN L3	W _x (cm ³) SPAN L1	W _x (cm ³) SPAN L2	W _x (cm ³) SPAN L3
FT 5009LF-02		2.430	0.192	1.278	0.623	7.450	8.810	9.400	2.525	2.986	3.186
FT 5009TF-02		2.790	0.222	2.718	1.137	8.280	9.920	10.650	2.579	3.090	3.318
FT 5009ZF-02		2.790	0.222	2.700	1.130	9.180	11.160	12.060	3.586	4.359	4.711
FT 5009HF-02		3.140	0.252	3.812	1.525	10.240	12.680	13.810	3.606	4.465	4.863
FT 5509L-02		2.830	0.226	2.494	0.956	10.270	12.350	13.280	3.199	3.847	4.137
FT 5509T-02		3.180	0.256	4.254	1.487	10.820	13.160	14.230	3.182	3.871	4.185
FT 5509Z-02		3.180	0.256	4.255	1.488	12.220	15.130	16.490	4.303	5.327	5.806
FT 5509H-02		3.540	0.286	5.655	1.854	12.950	16.280	17.880	4.246	5.338	5.862
FT 5509TL-02		2.990	0.232	4.170	1.474	9.650	11.540	12.380	2.703	3.232	3.468
FT 5509ZL-02		3.580	0.286	4.163	1.471	11.830	14.530	15.780	4.180	5.134	5.576

Legend

G = Weight
U = Coated surface
W_x / W_y = Flexural strength module
about one axis
I_x / I_y = Moment of inertia
about one axis
SPAN = profile length between
two fixturs

For any additional information
please contact our technical office.

Legende

G = Gewicht
U = Abwicklung
W_x / W_y = Biegefestigkeitsmodul
um eine Achse
I_x / I_y = Trägheitsmoment um
eine Achse
SPAN = Profillänge zwischen
zwei Befestigungen

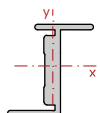
Für weitere Informationen wenden
Sie sich bitte das technische Büro.

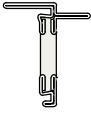
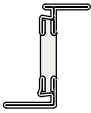
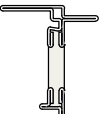
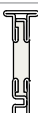
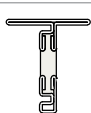
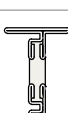
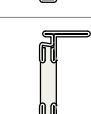
Légende

G = Poids
U = Surface à traiter
W_x / W_y = Module de résistance
autour d'un axe
I_x / I_y = Moment d'inertie
autour d'un axe
SPAN = longueur de profilés
entre deux fixations

Pour toute information
supplémentaire, contacter le
bureau technique.

SPAN L1 2500 mm
SPAN L2 4000 mm
SPAN L3 5800 mm



		G (kg/m)	U (m ² /m)	I _y (cm ⁴)	W _y (cm ³)	I _x (cm ⁴) SPAN L1	I _x (cm ⁴) SPAN L2	I _x (cm ⁴) SPAN L3	W _x (cm ³) SPAN L1	W _x (cm ³) SPAN L2	W _x (cm ³) SPAN L3
FT 5509TA-02		2.690	0.221	2.573	1.077	8.640	10.230	10.920	2.348	2.780	2.967
FT 5509ZA-02		2.700	0.222	2.557	1.074	10.990	13.310	14.350	3.816	4.622	4.983
FT 6109TZ-02		2.930	0.242	3.826	1.352	10.720	12.680	13.530	2.602	3.078	3.284
FT 6009SV-02		2.160	0.165	0.338	0.348	8.230	9.580	10.150	2.464	2.868	3.039
FT 6909SO-02		2.190	0.183	0.321	0.331	11.800	13.750	14.560	3.130	3.647	3.862
FT 5009LC-02		2.190	0.167	1.002	0.517	5.590	6.490	6.880	1.882	2.185	2.316
FT 5009TN-02		2.610	0.208	2.349	1.035	6.970	8.250	8.810	2.074	2.455	2.622
FT 5009TR-02		2.520	0.188	1.178	0.665	6.520	7.660	8.150	2.050	2.409	2.563
FT 5509HP-02		2.900	0.258	3.522	1.365	11.770	14.550	15.820	3.713	4.590	4.991

Legend

G = Weight
U = Coated surface
W_x / W_y = Flexural strength module
about one axis
I_x / I_y = Moment of inertia
about one axis
SPAN = profile length between
two fixtures

For any additional information
please contact our technical office.

Legende

G = Gewicht
U = Abwicklung
W_x / W_y = Biegefestigkeitsmodul
um eine Achse
I_x / I_y = Trägheitsmoment um
eine Achse
SPAN = Profillänge zwischen
zwei Befestigungen

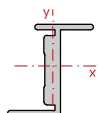
Für weitere Informationen wenden
Sie sich bitte das technische Büro.

Légende

G = Poids
U = Surface à traiter
W_x / W_y = Module de résistance
autour d'un axe
I_x / I_y = Moment d'inertie
autour d'un axe
SPAN = longueur de profilés
entre deux fixations

Pour toute information
supplémentaire, contacter le
bureau technique.

SPAN L1 2500 mm
SPAN L2 4000 mm
SPAN L3 5800 mm



Glazing beads
and complementary

Glashalteleisten
und komplementär

Parcloses
et complémentaire

2.2

Legend

+ = Fixed
— = Open in
- - - = Open out
Dimensions in: mm
Scale 1:1
G = Weight
U = Coated surface

Legende

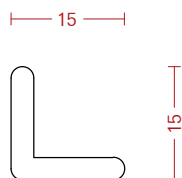
+ = Fixed
— = Innen öffnend
- - - = Außen öffnend
Einheit in: mm
Maßstab 1:1
G = Gewicht
U = Abwicklung

Légende

+ = Fixe
— = Ouvr. intérieur
- - - = Ouvr. extérieur
Dimensions en: mm
Échelle 1:1
G = Poids
U = Surface à traiter

Glazing beads

BAR LENGTH: 5800 mm
MATERIAL:
01 - Hot Rolled Steel
02 - Galvanized steel

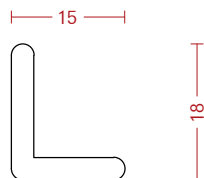


FV 1515A-02

-02 G = 0.62 U = 0.057
kg/m m²/m

Glashalteleisten

STABLÄNGE: 5800 mm
WERKSTOFF:
01 - Stahl warmgewalzt
02 - Stahl bandverzinkt

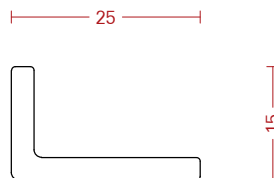


FV 1815A-02

-02 G = 0.69 U = 0.063
kg/m m²/m

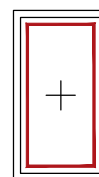
Parcloses

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
01 - Acier laminé à chaud
02 - Acier galvanisé



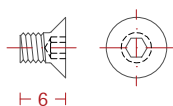
FV 1525A-01

-01 G = 0.85 U = 0.078
kg/m m²/m



Fixing screw

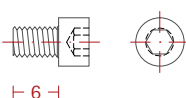
PU: 100 pc
MATERIAL: Stainless steel A2



D99867-03
M4 x 6 mm

Befestigungsschraube

VE: 100 Stk.
WERKSTOFF: Edelstahl A2



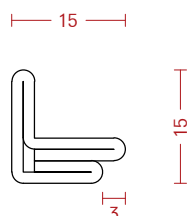
D99866-03
M4 x 6 mm

Vis de fixation

UV: 100 unités
MATÉRIEL: Acier inoxydable A2

Glazing beads

BAR LENGTH: 3000 mm
MATERIAL:
02 - Galvanized steel

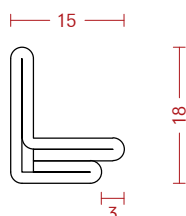


FV 1515D-02

G = 0.78 U = 0.058
kg/m m²/m

Glashalteleisten

STABLÄNGE: 3000 mm
WERKSTOFF:
02 - Stahl bandverzinkt

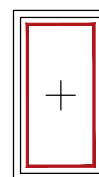


FV 1815D-02

G = 0.85 U = 0.065
kg/m m²/m

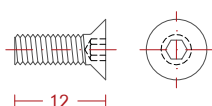
Parcloses

LONGUEUR DE BARRES: 3000 mm
MATÉRIEL:
02 - Acier galvanisé



Fixing screw

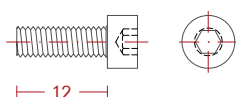
PU: 100 pc
MATERIAL: Stainless steel A2



D99851-03
M4 x 12 mm

Befestigungsschraube

VE: 100 Stk.
WERKSTOFF: Edelstahl A2



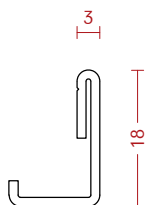
D99868-03
M4 x 12 mm

Vis de fixation

UV: 100 unités
MATÉRIEL: Acier inoxydable A2

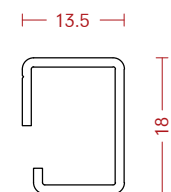
Glazing beads

BAR LENGTH: 5800 mm
MATERIAL:
02 - Galvanized steel



FV 1803R-02

G = 0.37 U = 0.065
kg/m m²/m

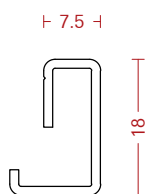


FV 1813R-02

G = 0.47 U = 0.102
kg/m m²/m

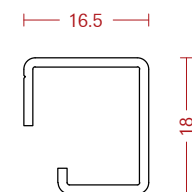
Glashalteleisten

STABLÄNGE: 5800 mm
WERKSTOFF:
02 - Stahl bandverzinkt



FV 1807R-02

G = 0.41 U = 0.090
kg/m m²/m

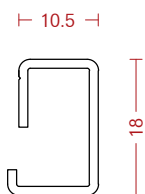


FV 1816R-02

G = 0.49 U = 0.108
kg/m m²/m

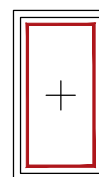
Parcloses

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
02 - Acier galvanisé



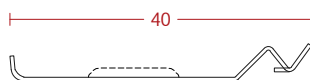
FV 1810R-02

G = 0.44 U = 0.095
kg/m m²/m



Glazing bead - clips

PU: 100 pc
MATERIAL:
Stainless steel AISI 304 2B



Glashalteleisten - Klips

VE: 100 Stk.
WERKSTOFF:
Edelstahl 1.4301 2B

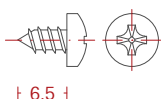
F99005-03

Clips pour parcloses

UV: 100 unités
MATÉRIEL:
Acier inoxydable AISI 304 2B

Fixture - clips

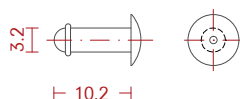
PU: 100 pc
MATERIAL:
Stainless steel A2



D99801-03
Ø3.5 x 6.5 mm

Befestigung Klips

VE: 100 Stk.
WERKSTOFF:
Edelstahl A2



D99950-03
Ø3.2 x 8 mm

Fixation enclipsage

UV: 100 unités
MATÉRIEL:
Acier inoxydable A2

Glazing beads

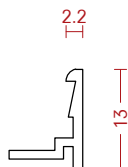
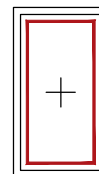
BAR LENGTH: 5800 mm
MATERIAL:
00 - Aluminium

Glashalteleisten

STABLÄNGE: 5800 mm
WERKSTOFF:
00 - Aluminium

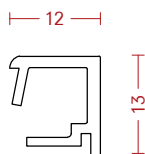
Parcloses

LONGUEUR DE BARRES: 5800 mm
MATÉRIEL:
00 - Aluminium



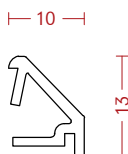
FV 1302R-00

G = 0.08 U = 0.051
kg/m m²/m



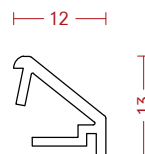
FV 1312R-00

G = 0.15 U = 0.078
kg/m m²/m



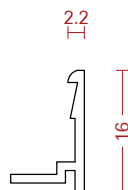
FV 1310S-00

G = 0.11 U = 0.064
kg/m m²/m



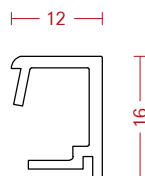
FV 1312S-00

G = 0.12 U = 0.069
kg/m m²/m



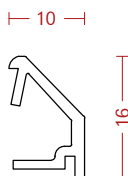
FV 1602R-00

G = 0.09 U = 0.057
kg/m m²/m



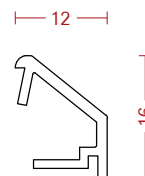
FV 1612R-00

G = 0.16 U = 0.084
kg/m m²/m



FV 1610S-00

G = 0.13 U = 0.070
kg/m m²/m



FV 1612S-00

G = 0.13 U = 0.075
kg/m m²/m

Glazing bead - clips

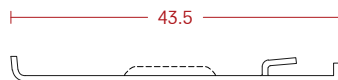
PU: 100 pc
MATERIAL:
Stainless steel AISI 304 2B

Glashalteleisten - Klips

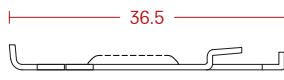
VE: 100 Stk.
WERKSTOFF:
Edelstahl 1.4301 2B

Clips pour parcloses

UV: 100 unités
MATÉRIEL:
Acier inoxydable AISI 304 2B



F99004-03



F99003-03 *

* not suitable for:
* nicht verwendbar für:
* non utilisable pour:
FT 5009TN-02
FT 5009TR-02

Fixture - clips

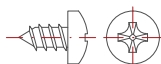
PU: 100 pc
MATERIAL:
Stainless steel A2

Befestigung Klips

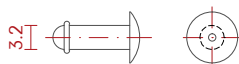
VE: 100 Stk.
WERKSTOFF:
Edelstahl A2

Fixation enclipsage

UV: 100 unités
MATÉRIEL:
Acier inoxydable A2



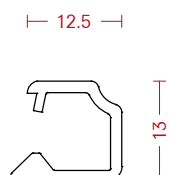
D99801-03
Ø3.5 x 6.5 mm



D99950-03
Ø3.2 x 8 mm

Glazing beads

BAR LENGTH: 4000 mm
MATERIAL:
00 - Aluminium

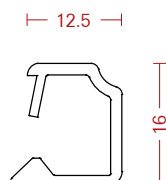


FV 1312B-00

G = 0.16 U = 0.079
kg/m m²/m

Glashalteleisten

STABLÄNGE: 4000 mm
WERKSTOFF:
00 - Aluminium

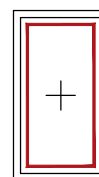


FV 1612B-00

G = 0.18 U = 0.091
kg/m m²/m

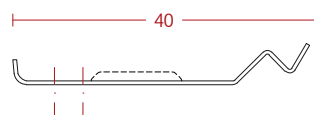
Parcloses

LONGUEUR DE BARRES: 4000 mm
MATÉRIEL:
00 - Aluminium



Glazing bead - clips

PU: 100 pc
MATERIAL:
Stainless steel AISI 304 2B



Glashalteleisten - Klips

VE: 100 Stk.
WERKSTOFF:
Edelstahl 1.4301 2B

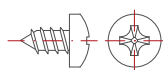
F99006-03

Clips pour parcloses

UV: 100 unités
MATÉRIEL:
Acier inoxydable AISI 304 2B

Fixture - clips

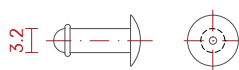
PU: 100 pc
MATERIAL:
Stainless steel A2



D99801-03
Ø3.5 x 6.5 mm

Befestigung Klips

VE: 100 Stk.
WERKSTOFF:
Edelstahl A2



D99950-03
Ø3.2 x 8 mm

Fixation enclipsage

UV: 100 unités
MATÉRIEL:
Acier inoxydable A2

False muntins

BAR LENGTH: 3000 mm
MATERIAL:
02 - Galvanized steel

In combination with:
FV 1815A-02/1515A-02

Aufgesetzte Sprosse

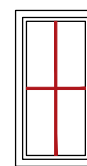
STABLÄNGE: 3000 mm
WERKSTOFF:
02 - Stahl bandverzinkt

In Kombination mit:
FV 1815A-02/1515A-02

Faux meneaux

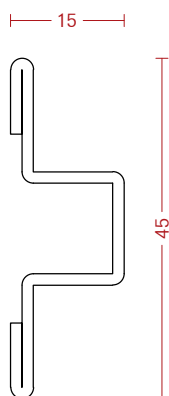
LONGUEUR DE BARRES: 3000 mm
MATÉRIEL:
02 - Acier galvanisé

En combinaison avec:
FV 1815A-02/1515A-02



FT 4503IP-02

G = 0.75 U = 0.096
kg/m m²/m



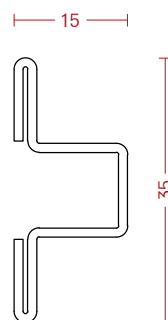
FT 4515IT-02 *

G = 1.02 U = 0.142
kg/m m²/m



FT 3503IP-02

G = 0.63 U = 0.076
kg/m m²/m



FT 3515IT-02 *

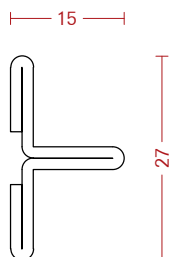
G = 0.99 U = 0.130
kg/m m²/m

*On request
*Auf Anfrage
*Sur demande



FT 2703IP-02

G = 0.54 U = 0.060
kg/m m²/m



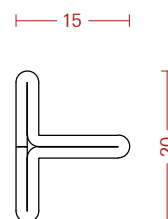
FT 2715IT-02

G = 0.81 U = 0.085
kg/m m²/m



FT 2003IP-02 *

G = 0.46 U = 0.043
kg/m m²/m



FT 2015IT-02 *

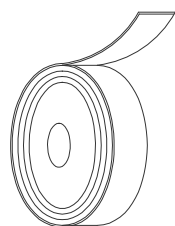
G = 0.73 U = 0.066
kg/m m²/m

Double-side adhesive tape

Black

Apply with primer I99005-75.

PU: 33 m



disclaimer see 7.0.14

Doppelseitiges Klebeband

Schwarz

Tragen Sie den Primer I99005-75 auf.

VE: 33 m

G99301-74
8 x 1.55 mm

Ruban adhésif double face

Noir

Appliquer avec l'apprêt I99005-75.

UV: 33 m

Multipoint aluminum
rods, parts

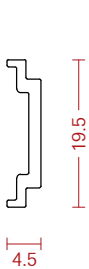
BAR LENGTH: 3000 mm
MATERIALS:
00 - Aluminium
52 - Silver anodised aluminum

Multipoint
Aluminiumstangen,
Komponenten

STABLÄNGE: 3000 mm
WERKSTOFFE:
00 - Aluminium
52 - Silber eloxiertes Aluminium

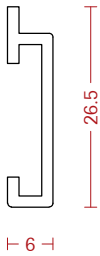
Multipoint tiges de
aluminium, composants

LONGUEUR DE BARRES: 3000 mm
MATÉRIAUX:
00 - Aluminium
52 - Aluminium anodisé argent



E99385-52

G = 0.10 U = 0.052
kg/m m²/m



E99502-00
L = 4000 mm

G = 0.16 U = 0.083
kg/m m²/m

Glazing table

Verglasungstabellen

Tableaux de vitrage

2.3

Important notes:

This system requires the use of glasses with edge covered.

The glazing tables and sealing guidelines are based on the nominal sizes of the profiles and glazing. Due to the production tolerances (profiles, glazing beads, panes) we advise double checking your selection.

Wichtige Anmerkungen:

Dieses System erfordert die Verwendung von Brillen mit abgesenkten Kanälen.

Die Verglasungstabellen beziehen sich auf die Nennmaße der Profile und Verglasungen. Aufgrund von Fertigungstoleranzen (Profile, Glashalteleisten, Füllung) ist die Auswahl ggf. zu anzupassen.

Remarques importantes:

Ce système nécessite utilisation d'un intercalaire de vitrage a hauteur réduit.

Les tableaux de vitrage et les joints se réfèrent aux dimensions nominales des profilés et des vitrages. En raison des tolérances de fabrication (profilés, parcloles, remplissage), une attention particulier est requise et nous recommandons une vérification.

Legend

+ = Fixed
— = Open in
- - - = Open out
Dimensions in: mm
Scale 1:1
A = External gaskets
B = Internal gaskets
C = Glazing bead
D = Screw connection
E = Offset

Legende

+ = Fixed
— = Innen öffnend
- - - = Außen öffnend
Einheit in: mm
Maßstab 1:1
A = Außendichtungen
B = Innendichtungen
C = Glashalteleiste
D = Verschraubung
E = Versatz

Légende

+ = Fixe
— = Ouvr. intérieur
- - - = Ouvr. extérieur
Dimensions en: mm
Échelle 1:1
A = Joints extérieurs
B = Joints intérieurs
C = Parclose
D = Vissage
E = Décalage

Glazing table

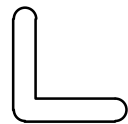
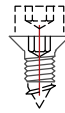
02 - Galvanized steel

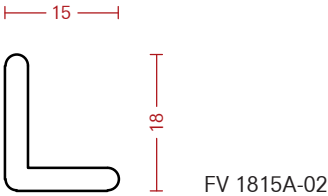
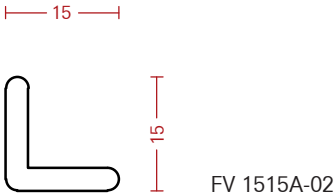
Verglasungstabelle

02 - Stahl bandverzinkt

Tableau de vitrage

02 - Acier galvanisé

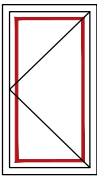
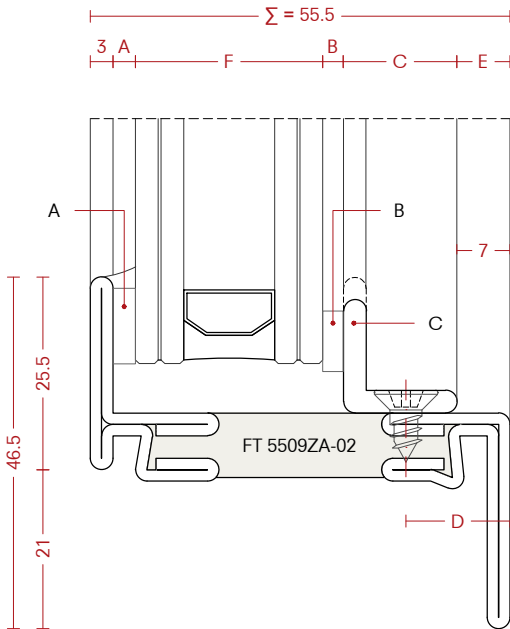
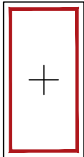
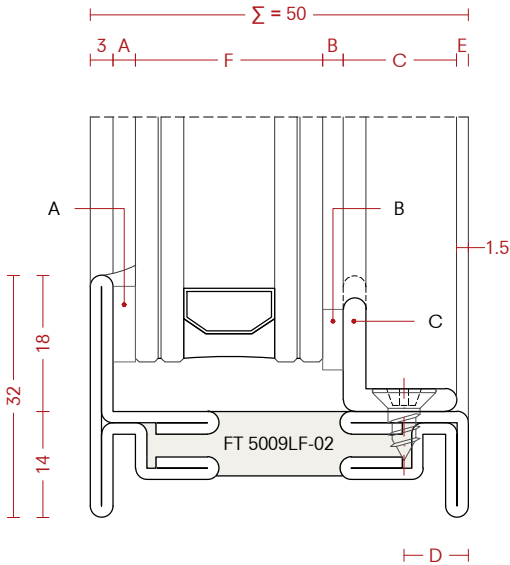
							
F	A		B		C	D	E
mm	code	mm	code	mm	mm	mm	mm
20	G99103-62	5	G99204-61	5.5	15	8.5 / 14	1.5 / 7
21	G99103-62	5	G99203-61	4.5	15	8.5 / 14	1.5 / 7
22	G99102-61	3	G99204-61	5.5	15	8.5 / 14	1.5 / 7
23	G99102-61	3	G99203-61	4.5	15	8.5 / 14	1.5 / 7
24	G99102-61	3	G99202-61	3.5	15	8.5 / 14	1.5 / 7
25	G99102-61	3	G99201-61	2.5	15	8.5 / 14	1.5 / 7



* We recommend to reduce the height of the spacer of the Insulated Glass Unit (IGU).

* Wir empfehlen die Höhe des Abstandshalters der Isolierglaseinheit zu verringern.

* Nous recommandons de réduire la hauteur de l'entretoise de l'unité de verre isolé.



Glazing table

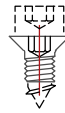
01 - Hot Rolled Steel

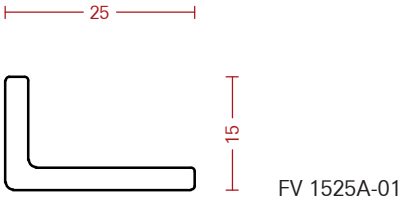
Verglasungstabelle

01 - Stahl warmgewalzt

Tableau de vitrage

01 - Acier laminé à chaud

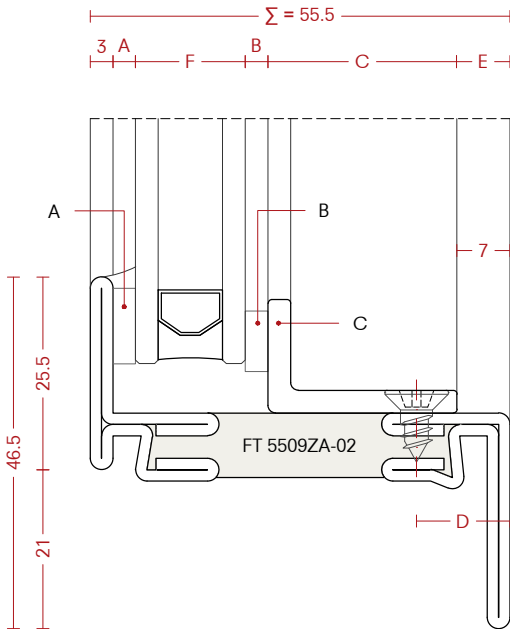
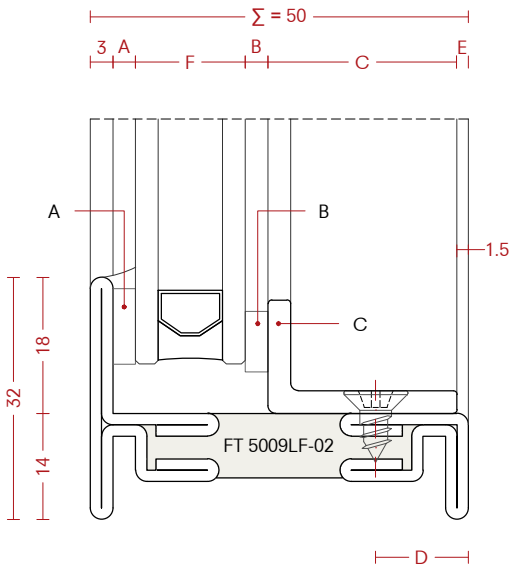
							
F	A		B		C	D	E
mm	code	mm	code	mm	mm	mm	mm
10	G99103-62	5	G99204-61	5.5	25	12.3	1.5 / 7
11	G99103-62	5	G99203-61	4.5	25	12.3	1.5 / 7
12	G99102-61	3	G99204-61	5.5	25	12.3	1.5 / 7
13	G99102-61	3	G99203-61	4.5	25	12.3	1.5 / 7
14	G99102-61	3	G99202-61	3.5	25	12.3	1.5 / 7
15	G99102-61	3	G99201-61	2.5	25	12.3	1.5 / 7



* We recommend to reduce the height of the spacer of the Insulated Glass Unit (IGU).

* Wir empfehlen die Höhe des Abstandshalters der Isolierglaseinheit zu verringern.

* Nous recommandons de réduire la hauteur de l'entretoise de l'unité de verre isolé.



Glazing table

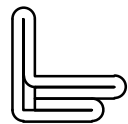
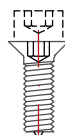
02 - Galvanized steel

Verglasungstabelle

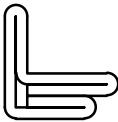
02 - Stahl bandverzinkt

Tableau de vitrage

02 - Acier galvanisé

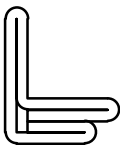
							
F	A		B		C	D	E
mm	code	mm	code	mm	mm	mm	mm
20	G99103-62	5	G99204-61	5.5	15	8.5 / 14	1.5 / 7
21	G99103-62	5	G99203-61	4.5	15	8.5 / 14	1.5 / 7
22	G99102-61	3	G99204-61	5.5	15	8.5 / 14	1.5 / 7
23	G99102-61	3	G99203-61	4.5	15	8.5 / 14	1.5 / 7
24	G99102-61	3	G99202-61	3.5	15	8.5 / 14	1.5 / 7
25	G99102-61	3	G99201-61	2.5	15	8.5 / 14	1.5 / 7

15

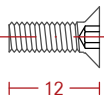


FV 1515D-02

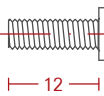
15



FV 1815D-02



D99851-03
M4 x 12 mm

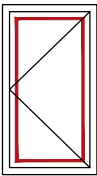
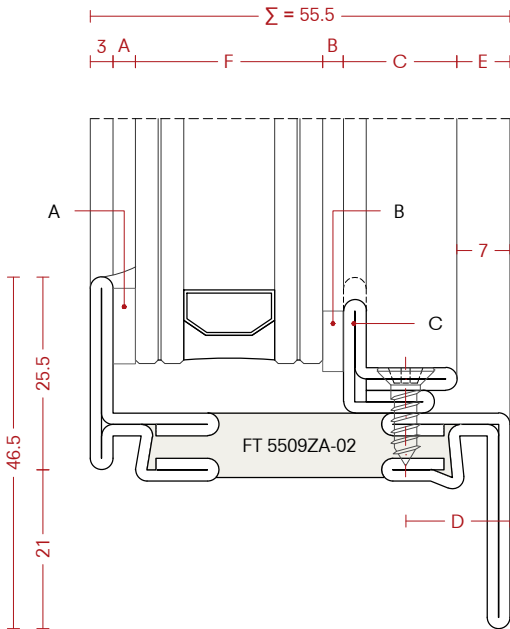
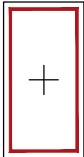
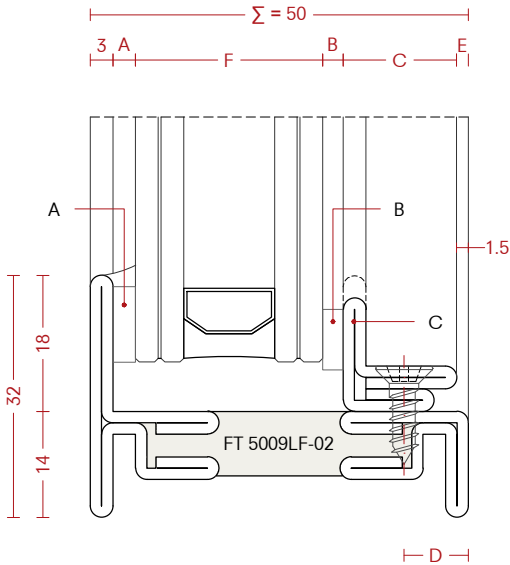


D99868-03
M4 x 12 mm

* We recommend to reduce the height of the spacer of the Insulated Glass Unit (IGU).

* Wir empfehlen die Höhe des Abstandshalters der Isolierglaseinheit zu verringern.

* Nous recommandons de réduire la hauteur de l'entretoise de l'unité de verre isolé.



Glazing table

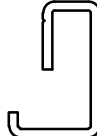
02 - Galvanized steel

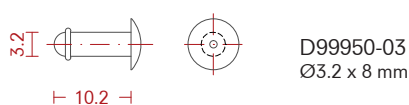
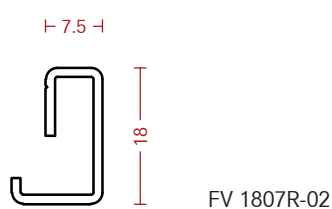
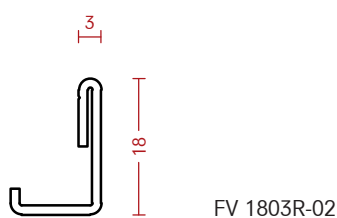
Verglasungstabelle

02 - Stahl bandverzinkt

Tableau de vitrage

02 - Acier galvanisé

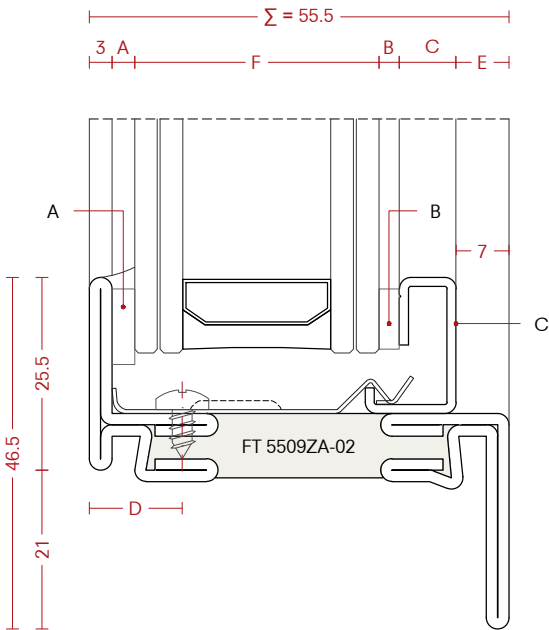
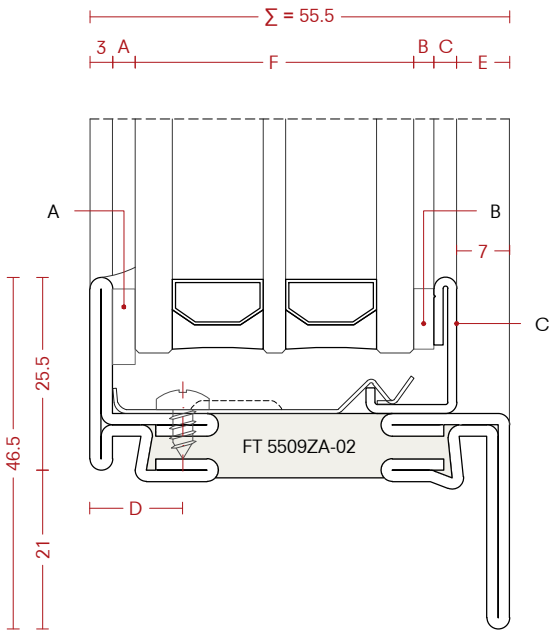
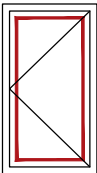
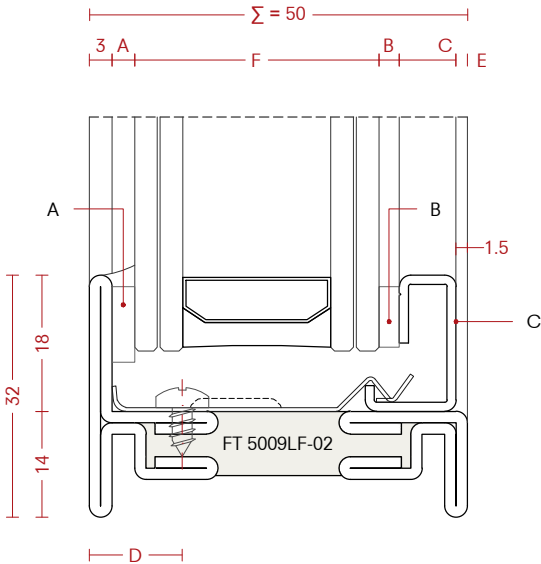
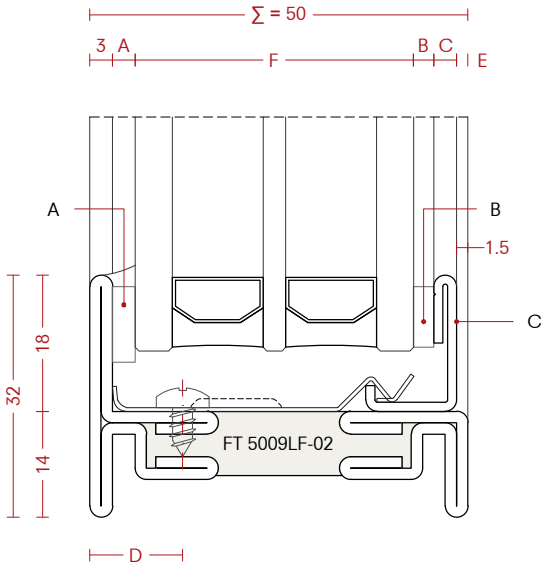
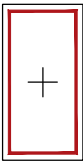
 F	 A		 B		 C		 D		E
	code	mm	code	mm	code	mm	mm	mm	
28	G99103-62	5	G99204-61	5.5	FV 1807R-02	7.5	12.3	1.5 / 7	
29	G99103-62	5	G99203-61	4.5	FV 1807R-02	7.5	12.3	1.5 / 7	
30	G99102-61	3	G99204-61	5.5	FV 1807R-02	7.5	12.3	1.5 / 7	
31	G99102-61	3	G99203-61	4.5	FV 1807R-02	7.5	12.3	1.5 / 7	
32	G99103-62	5	G99204-61	5.5	FV 1803R-02	3	12.3	1.5 / 7	
32	G99102-61	3	G99202-61	3.5	FV 1807R-02	7.5	12.3	1.5 / 7	
33	G99103-62	5	G99203-61	4.5	FV 1803R-02	3	12.3	1.5 / 7	
33	G99102-61	3	G99201-61	2.5	FV 1807R-02	7.5	12.3	1.5 / 7	
34	G99102-61	3	G99204-61	5.5	FV 1803R-02	3	12.3	1.5 / 7	
35	G99102-61	3	G99203-61	4.5	FV 1803R-02	3	12.3	1.5 / 7	
36	G99102-61	3	G99202-61	3.5	FV 1803R-02	3	12.3	1.5 / 7	
37	G99102-61	3	G99201-61	2.5	FV 1803R-02	3	12.3	1.5 / 7	



PAY ATTENTION: distance between glass and profile must be increase from 6 mm to 8 mm

ACHTUNG: Der Abstand zwischen Glas und Profil muss von 6 mm auf 8 mm vergrößert werden

FAITES ATTENTION: la distance entre le verre et le profilé doit être augmentée de 6 mm à 8 mm



Glazing table

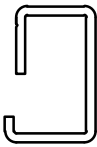
02 - Galvanized steel

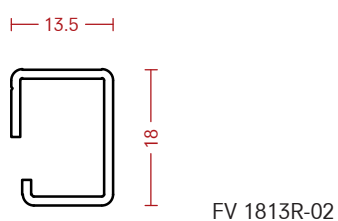
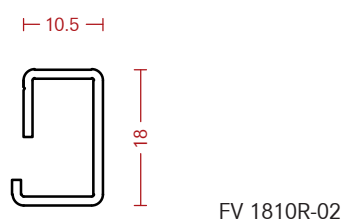
Verglasungstabelle

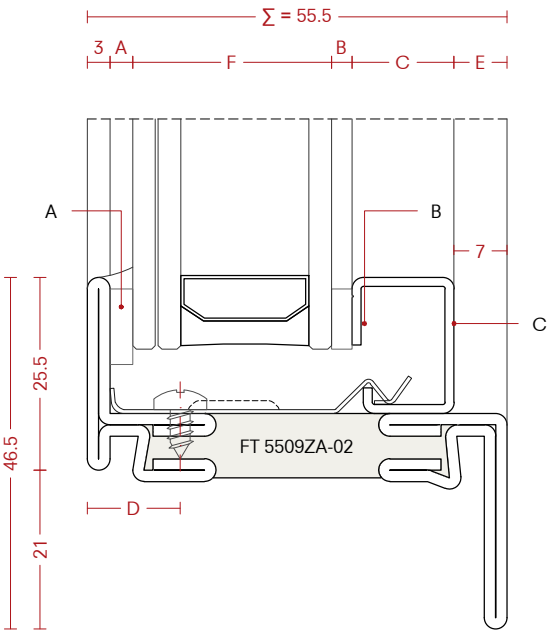
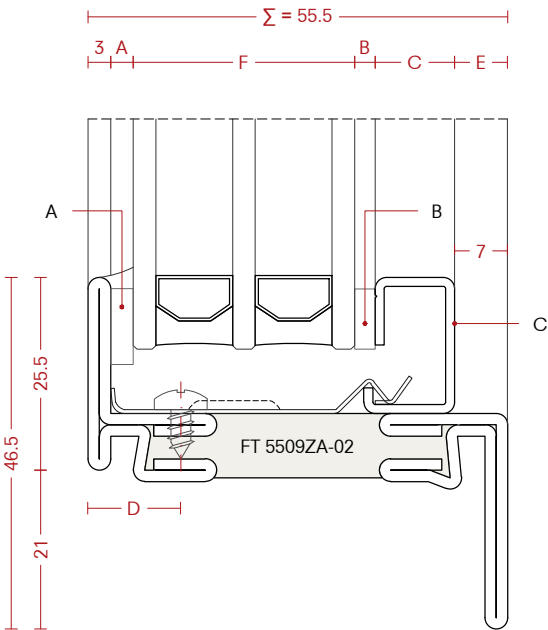
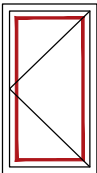
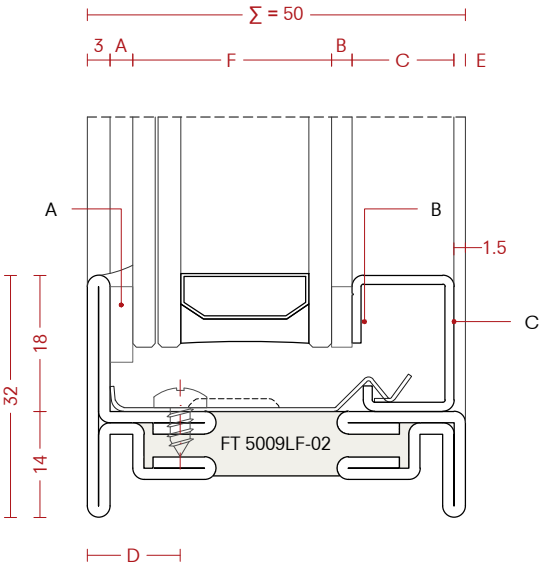
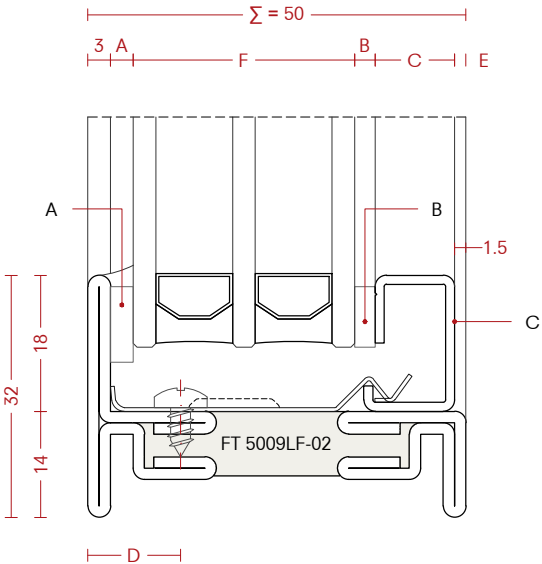
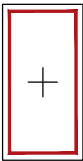
02 - Stahl bandverzinkt

Tableau de vitrage

02 - Acier galvanisé

 F	 A		 B		 C		 D E	
mm	code	mm	code	mm	code	mm	mm	mm
22	G99103-62	5	G99204-61	5.5	FV 1813R-02	13.5	12.3	1.5 / 7
23	G99103-62	5	G99203-61	4.5	FV 1813R-02	13.5	12.3	1.5 / 7
24	G99102-61	3	G99204-61	5.5	FV 1813R-02	13.5	12.3	1.5 / 7
25	G99103-62	5	G99204-61	5.5	FV 1810R-02	10.5	12.3	1.5 / 7
25	G99102-61	3	G99203-61	4.5	FV 1813R-02	13.5	12.3	1.5 / 7
26	G99103-62	5	G99203-61	4.5	FV 1810R-02	10.5	12.3	1.5 / 7
26	G99102-61	3	G99202-61	3.5	FV 1813R-02	13.5	12.3	1.5 / 7
27	G99102-61	3	G99204-61	5.5	FV 1810R-02	10.5	12.3	1.5 / 7
27	G99102-61	3	G99201-61	2.5	FV 1813R-02	13.5	12.3	1.5 / 7
28	G99102-61	3	G99203-61	4.5	FV 1810R-02	10.5	12.3	1.5 / 7
29	G99102-61	3	G99202-61	3.5	FV 1810R-02	10.5	12.3	1.5 / 7
30	G99102-61	3	G99201-61	2.5	FV 1810R-02	10.5	12.3	1.5 / 7





Glazing table

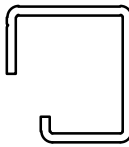
02 - Galvanized steel

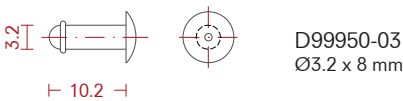
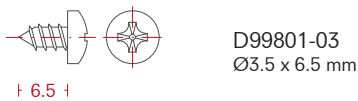
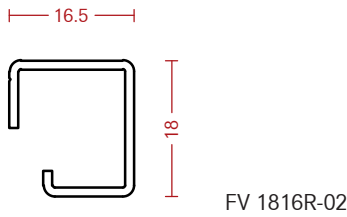
Verglasungstabelle

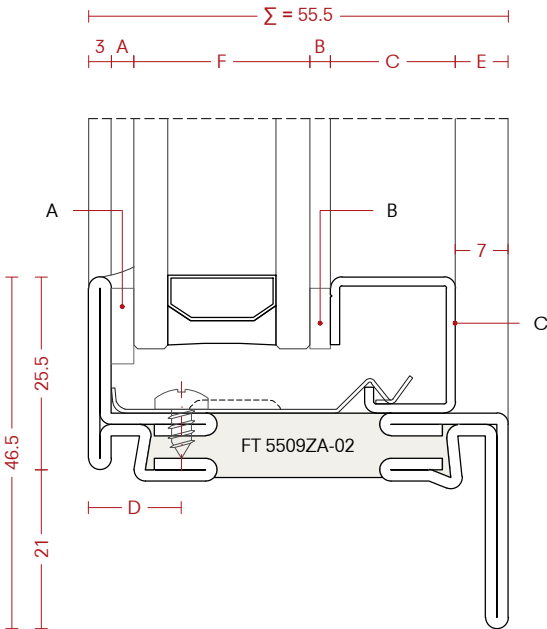
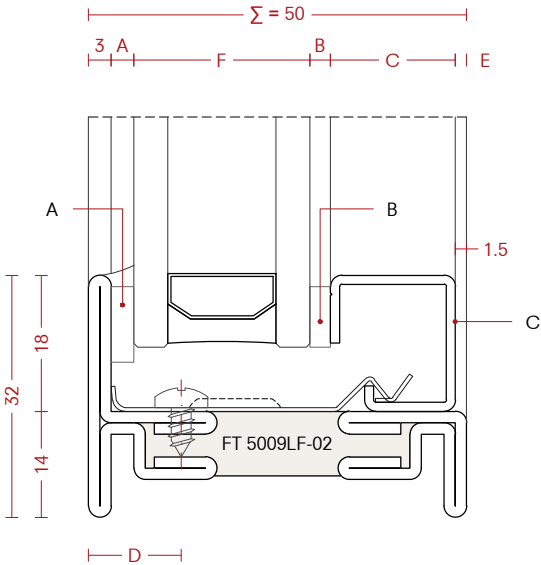
02 - Stahl bandverzinkt

Tableau de vitrage

02 - Acier galvanisé

							
F	A		B		C	D	E
mm	code	mm	code	mm	mm	mm	mm
19	G99103-62	5	G99204-61	5.5	16.5	12.3	1.5 / 7
20	G99103-62	5	G99203-61	4.5	16.5	12.3	1.5 / 7
21	G99102-61	3	G99204-61	5.5	16.5	12.3	1.5 / 7
22	G99102-61	3	G99203-61	4.5	16.5	12.3	1.5 / 7
23	G99102-61	3	G99202-61	3.5	16.5	12.3	1.5 / 7
24	G99102-62	3	G99201-61	2.5	16.5	12.3	1.5 / 7





Glazing table

00 - Aluminium

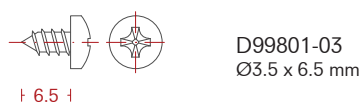
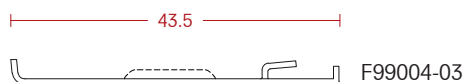
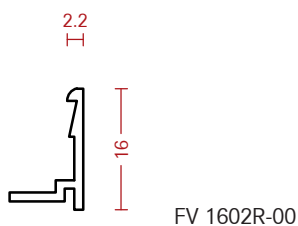
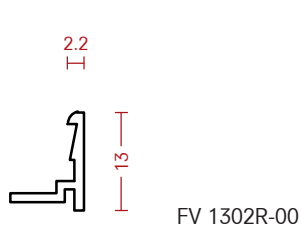
Verglasungstabelle

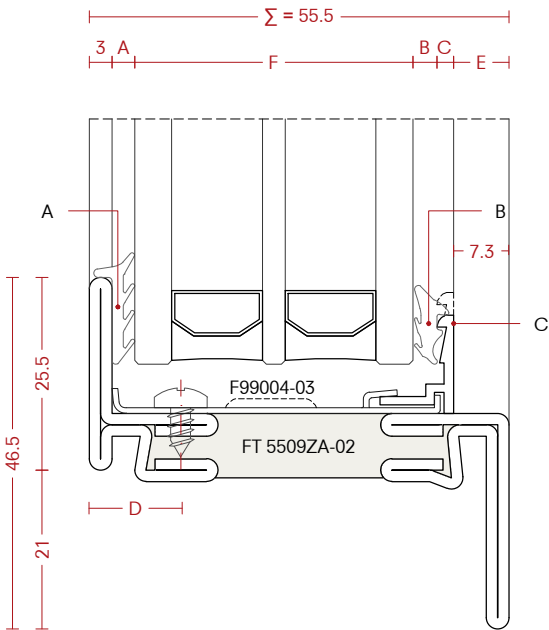
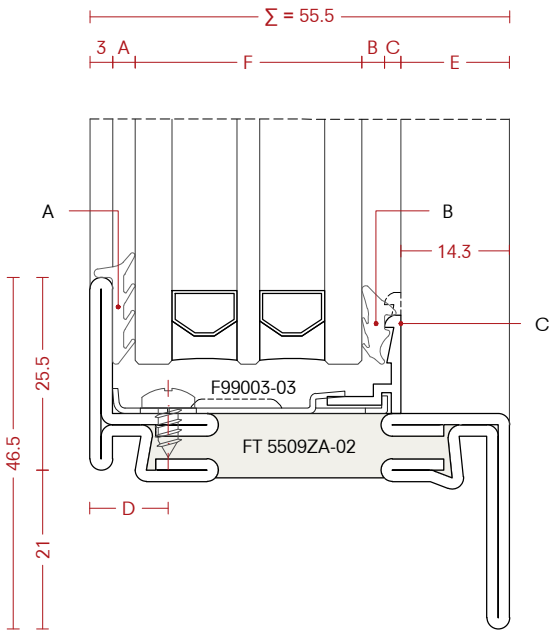
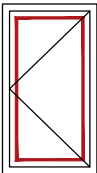
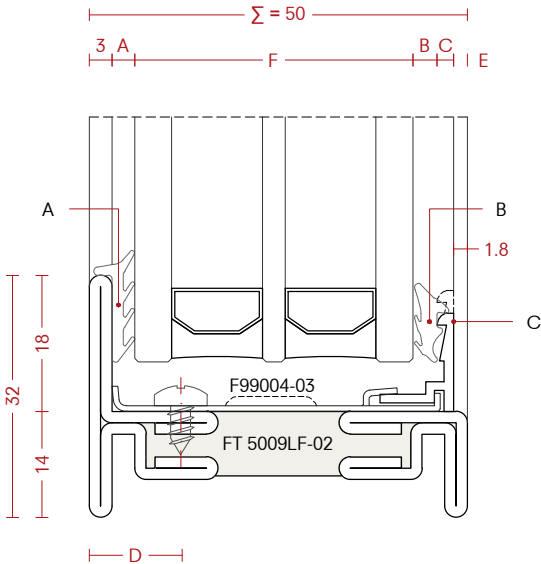
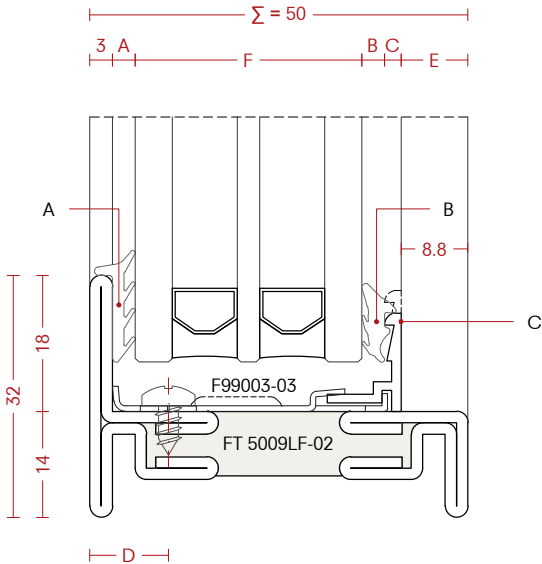
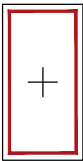
00 - Aluminium

Tableau de vitrage

00 - Aluminium

 F	 A		 B		 C	 D		 E
	code	mm	code	mm		code	mm	
25	G99108-60 / G99103-62	5	G99208-60	6	2.2	F99003-03	12.3	8.8 / 14.3
26	G99108-60 / G99103-62	5	G99207-60	5	2.2	F99003-03	12.3	8.8 / 14.3
27	G99107-60 / G99102-61	3	G99208-60	6	2.2	F99003-03	12.3	8.8 / 14.3
28	G99107-60 / G99102-61	3	G99207-60	5	2.2	F99003-03	12.3	8.8 / 14.3
29	G99107-60 / G99102-61	3	G99206-60	4	2.2	F99003-03	12.3	8.8 / 14.3
30	G99107-60 / G99102-61	3	G99205-60	3	2.2	F99003-03	12.3	8.8 / 14.3
32	G99108-60 / G99103-62	5	G99208-60	6	2.2	F99004-03	12.3	8.8 / 14.3
33	G99108-60 / G99103-62	5	G99207-60	5	2.2	F99004-03	12.3	8.8 / 14.3
34	G99107-60 / G99102-61	3	G99208-60	6	2.2	F99004-03	12.3	8.8 / 14.3
35	G99107-60 / G99102-61	3	G99207-60	5	2.2	F99004-03	12.3	8.8 / 14.3
36	G99107-60 / G99102-61	3	G99206-60	4	2.2	F99004-03	12.3	8.8 / 14.3
37	G99107-60 / G99102-61	3	G99205-60	3	2.2	F99004-03	12.3	8.8 / 14.3





Glazing table

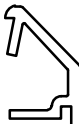
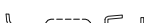
00 - Aluminium

Verglasungstabelle

00 - Aluminium

Tableau de vitrage

00 - Aluminium

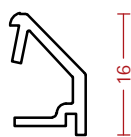
								
F	A		B		C	D		E
mm	code	mm	code	mm	mm	code	mm	mm
18	G99108-60 / G99103-62	5	G99208-60	6	10	F99003-03	12.3	8.8 / 14.3
19	G99108-60 / G99103-62	5	G99207-60	5	10	F99003-03	12.3	8.8 / 14.3
20	G99107-60 / G99102-61	3	G99208-60	6	10	F99003-03	12.3	8.8 / 14.3
21	G99107-60 / G99102-61	3	G99207-60	5	10	F99003-03	12.3	8.8 / 14.3
22	G99107-60 / G99102-61	3	G99206-60	4	10	F99003-03	12.3	8.8 / 14.3
23	G99107-60 / G99102-61	3	G99205-60	3	10	F99003-03	12.3	8.8 / 14.3
25	G99108-60 / G99103-62	5	G99208-60	6	10	F99004-03	12.3	8.8 / 14.3
26	G99108-60 / G99103-62	5	G99207-60	5	10	F99004-03	12.3	8.8 / 14.3
27	G99107-60 / G99102-61	3	G99208-60	6	10	F99004-03	12.3	8.8 / 14.3
28	G99107-60 / G99102-61	3	G99207-60	5	10	F99004-03	12.3	8.8 / 14.3
29	G99107-60 / G99102-61	3	G99206-60	4	10	F99004-03	12.3	8.8 / 14.3
30	G99107-60 / G99102-61	3	G99205-60	3	10	F99004-03	12.3	8.8 / 14.3

10



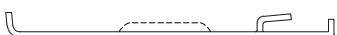
FV 1310S-00

10



FV 1610S-00

43.5

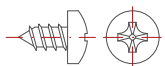


F99004-03

36.5

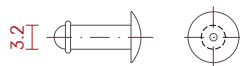


F99003-03



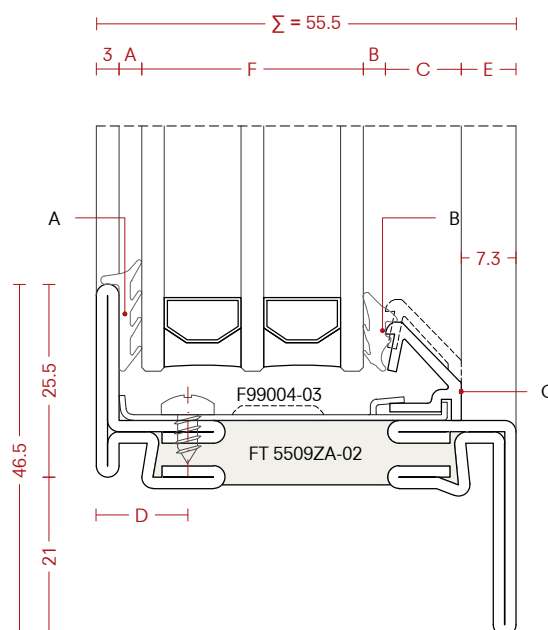
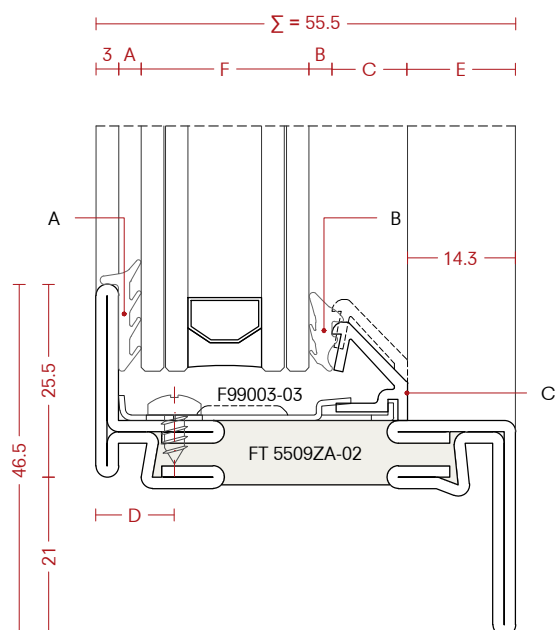
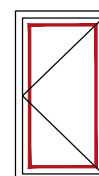
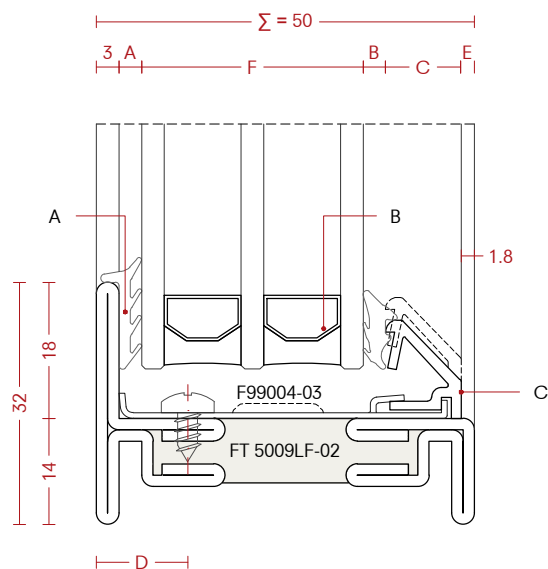
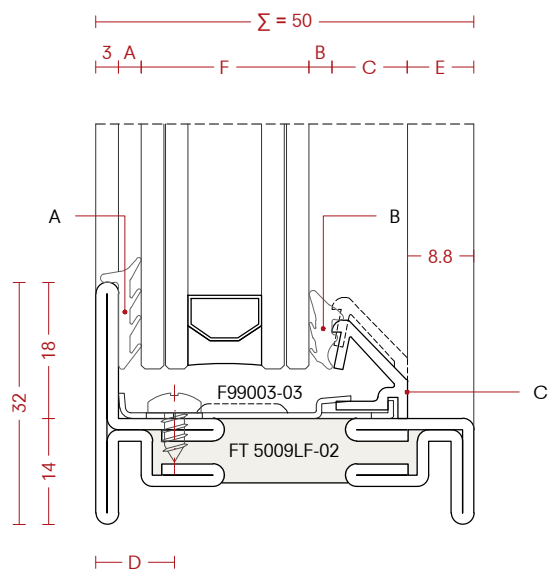
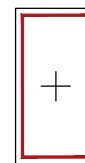
6.5

D99801-03
Ø3.5 x 6.5 mm



10.2

D99950-03
Ø3.2 x 8 mm



Glazing table

00 - Aluminium

Verglasungstabelle

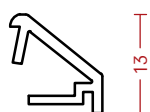
00 - Aluminium

Tableau de vitrage

00 - Aluminium

 F mm	 A code mm		 B code mm		 C mm	 D code mm		 E mm
16	G99108-60 / G99103-62	5	G99208-60	6	12	F99003-03	12.3	8.8 / 14.3
17	G99108-60 / G99103-62	5	G99207-60	5	12	F99003-03	12.3	8.8 / 14.3
18	G99107-60 / G99102-61	3	G99208-60	6	12	F99003-03	12.3	8.8 / 14.3
19	G99107-60 / G99102-61	3	G99207-60	5	12	F99003-03	12.3	8.8 / 14.3
20	G99107-60 / G99102-61	3	G99206-60	4	12	F99003-03	12.3	8.8 / 14.3
21	G99107-60 / G99102-61	3	G99205-60	3	12	F99003-03	12.3	8.8 / 14.3
23	G99108-60 / G99103-62	5	G99208-60	6	12	F99004-03	12.3	8.8 / 14.3
24	G99108-60 / G99103-62	5	G99207-60	5	12	F99004-03	12.3	8.8 / 14.3
25	G99107-60 / G99102-61	3	G99208-60	6	12	F99004-03	12.3	8.8 / 14.3
26	G99107-60 / G99102-61	3	G99207-60	5	12	F99004-03	12.3	8.8 / 14.3
27	G99107-60 / G99102-61	3	G99206-60	4	12	F99004-03	12.3	8.8 / 14.3
28	G99107-60 / G99102-61	3	G99205-60	3	12	F99004-03	12.3	8.8 / 14.3

12.2



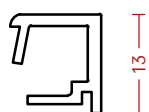
FV 1312S-00

12.2



FV 1612S-00

12.2



FV 1312R-00

12.2



FV 1612R-00

43.5

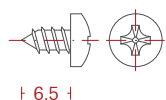


F99004-03

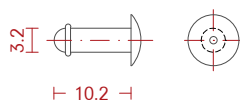
36.5



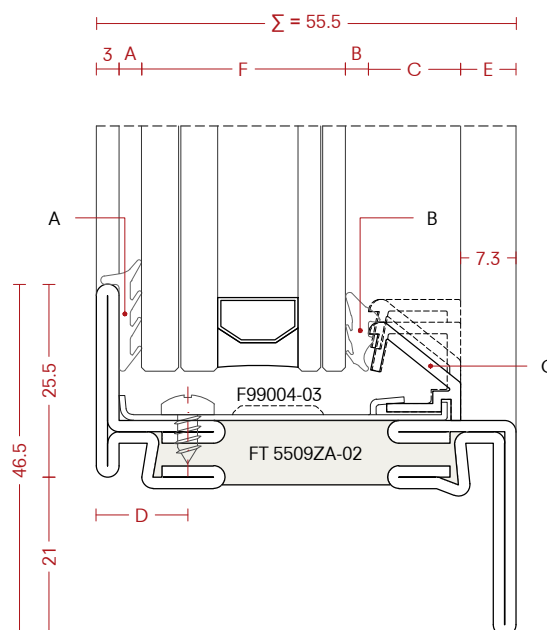
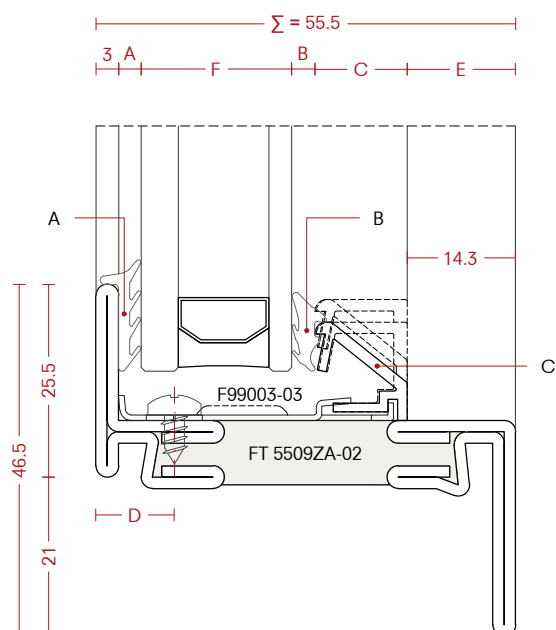
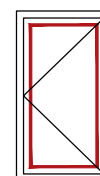
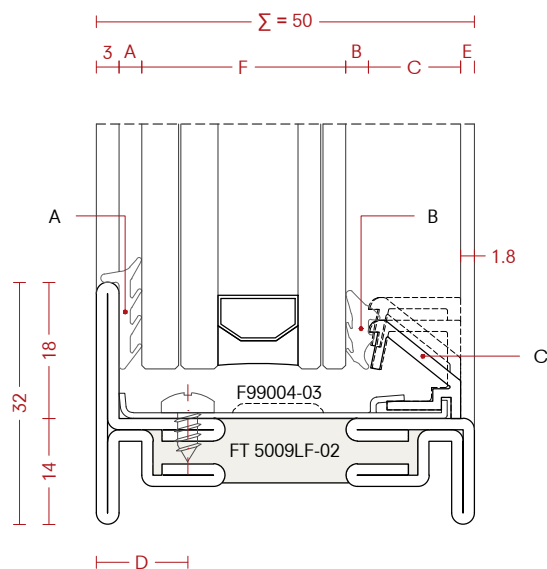
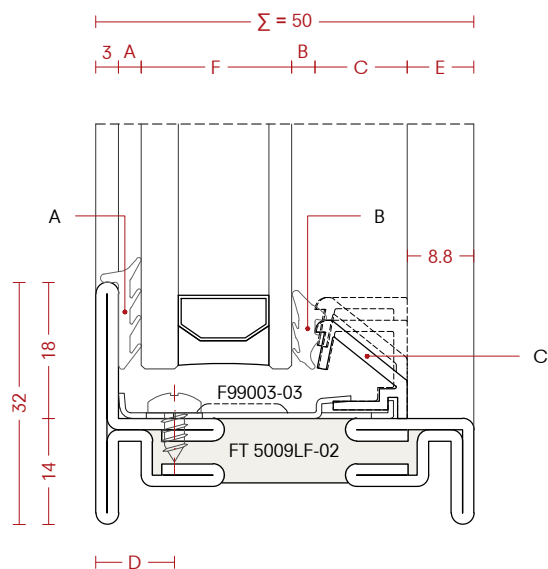
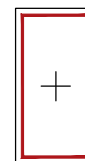
F99003-03



D99801-03
Ø3.5 x 6.5 mm



D99950-03
Ø3.2 x 8 mm



Glazing table

Verglasungstabelle

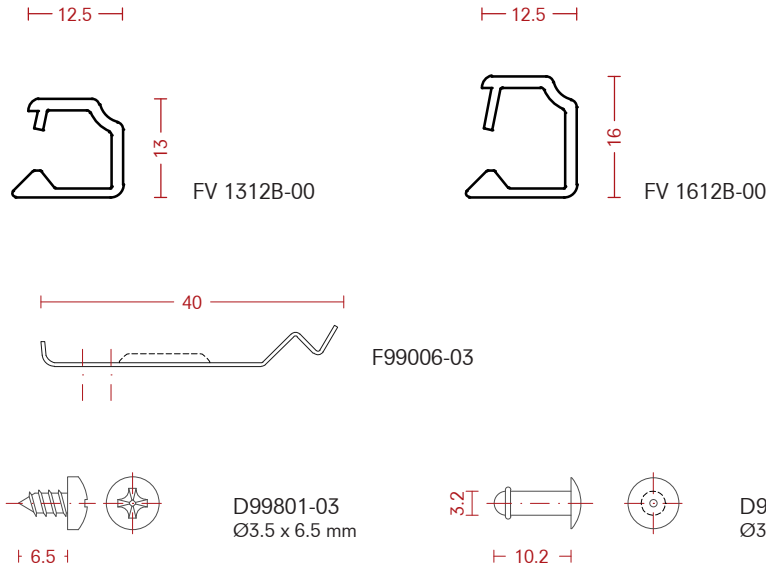
Tableau de vitrage

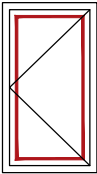
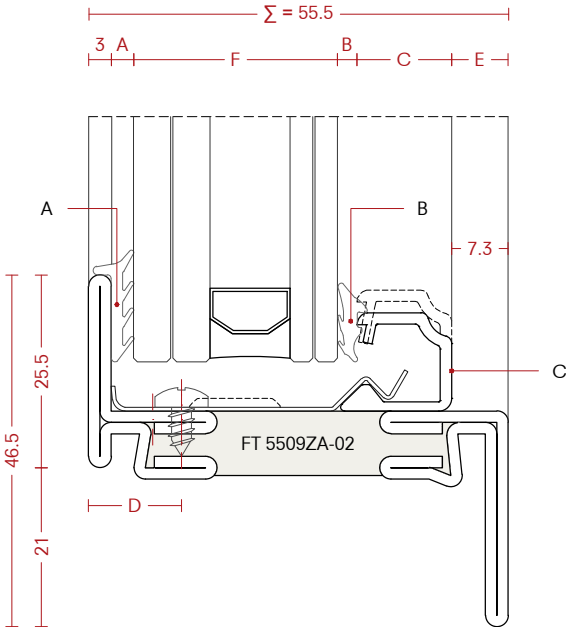
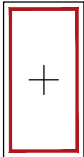
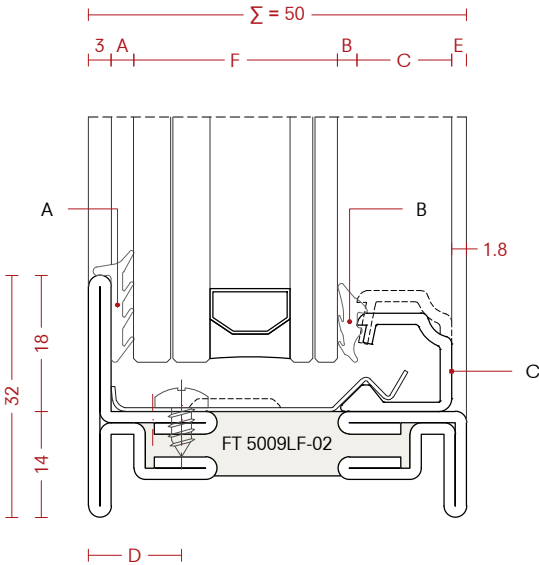
00 - Aluminium

00 - Aluminium

00 - Aluminium

				
F	A	B	C	D
mm	code	code	mm	mm
22	G99108-60 / G99103-62	G99208-60	12.5	12.3
23	G99108-60 / G99103-62	G99207-60	12.5	12.3
24	G99107-60 / G99102-61	G99208-60	12.5	12.3
25	G99107-60 / G99102-61	G99207-60	12.5	12.3
26	G99107-60 / G99102-61	G99206-60	12.5	12.3
27	G99107-60 / G99102-61	G99205-60	12.5	12.3





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