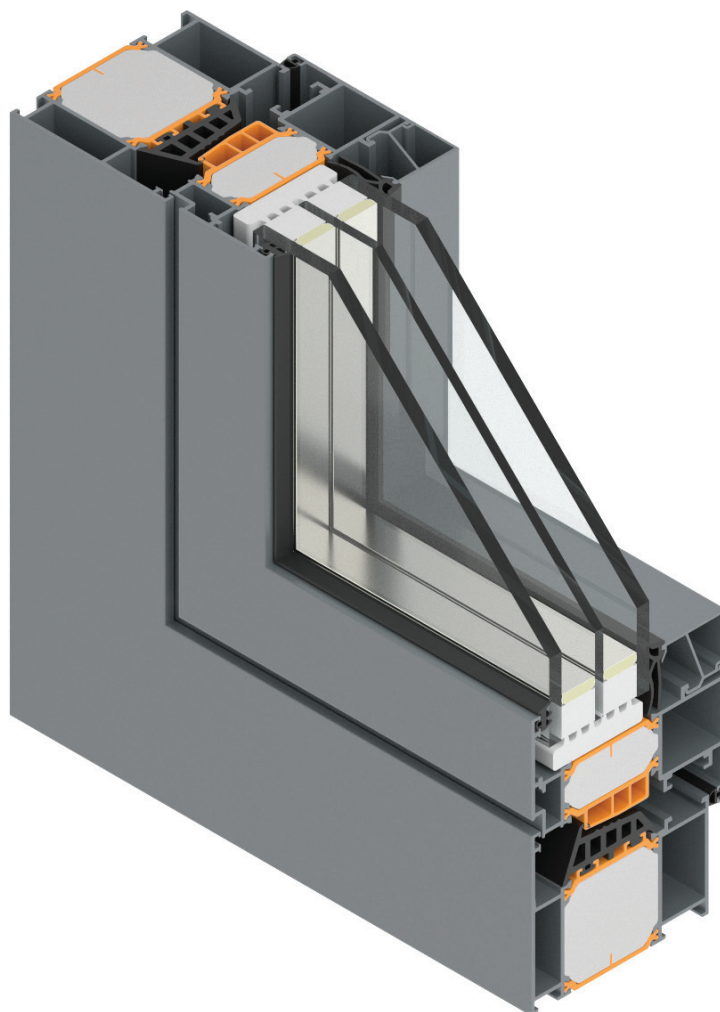


FEAL



TERMO 85 S plus

PROZORI I VRATA
WINDOWS AND DOORS

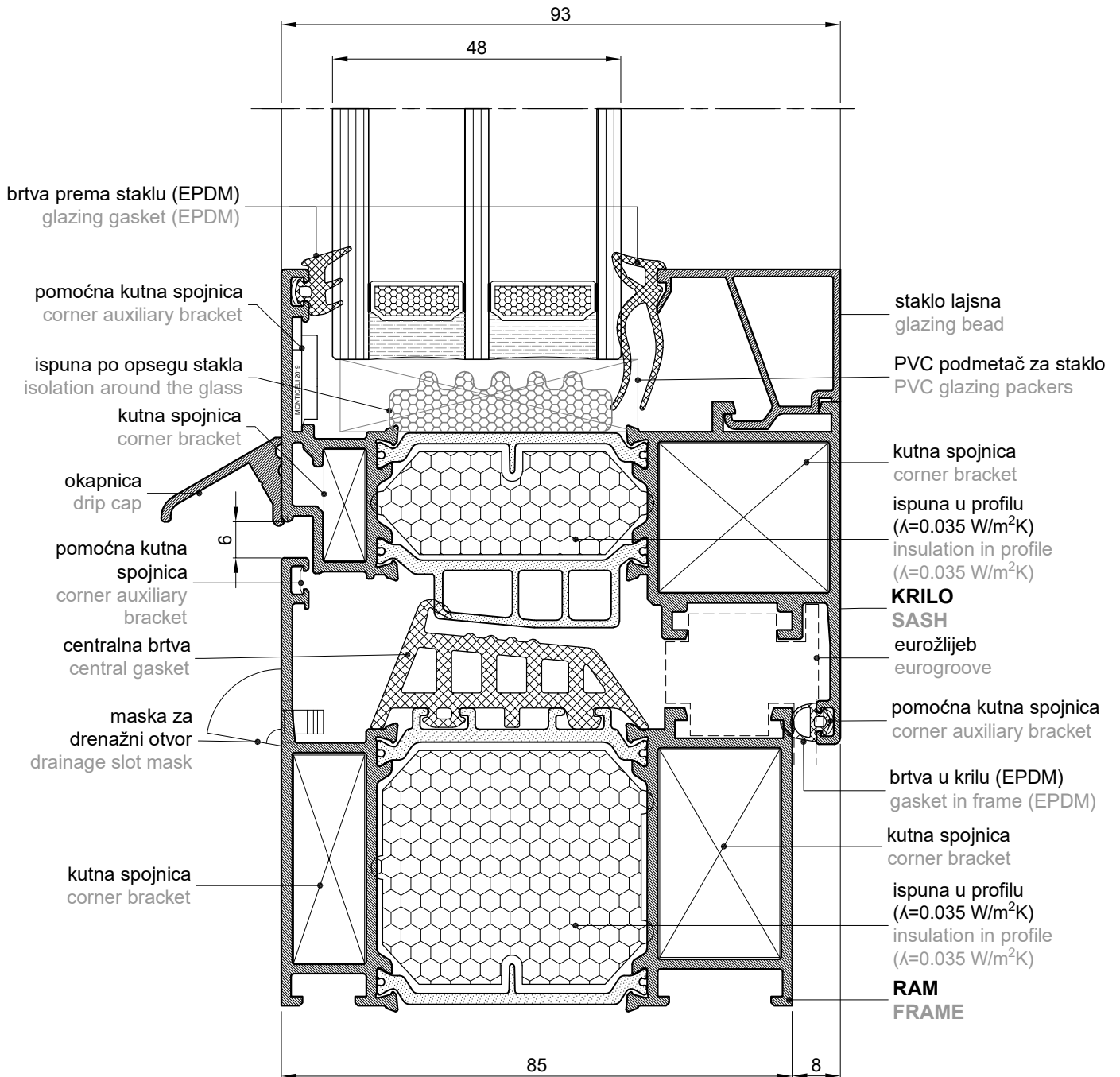
SADRŽAJ
CONTENT

01	ZNAČAJKE SISTEMA	208.01.000-003
01	SYSTEM CHARACTERISTICS	208.01.000-003
02	ISPITIVANJA I CERTIFIKATI	208.02.000-015
02	TESTING AND CERTIFICATES	208.02.000-015
03	PROFILI	208.03.000-029
03	PROFILES	208.03.000-029
04	VEZNI ELEMENTI	208.04.000-005
04	CONNECTION ELEMENTS	208.04.000-005
05	PVC ELEMENTI	208.05.000-003
05	PVC ELEMENTS	208.05.000-003
06	MEHANIZMI	208.06.000-035
06	MECHANISMS	208.06.000-035
07	BRTVE	208.07.000-005
07	GASKETS	208.07.000-005
08	DODACI	208.08.000-007
08	ACCESSORIES	208.08.000-007
09	PRIKAZ STAKLJENJA	208.09.000-005
09	GLAZING	208.09.000-005
10	PRESJECI	208.10.000-117
10	CROSS SECTIONS	208.10.000-117
11	OBRADA I MONTAŽA	208.11.000-159
11	PROCESSING AND MONTAGE	208.11.000-159
12	REZNE LISTE	208.12.000-011
12	CUTTING LISTS	208.12.000-011

Značajke sistema

System characteristics

Termo 85 S plus - karakterističan detalj
Termo 85 S plus - a characteristic detail



OPIS SISTEMA TERMO 85 S plus

SYSTEM DESCRIPTION TERMO 85 S plus

Sistem **TERMO 85 plus** se koristi za izradu prozora, balkonskih vrata i fiksnih stijena.

To je sistem profila sa prekinutim termičkim mostom, osnovne ugradbene dubine rama 85 mm i krila 93 mm.

Profili su izvedeni u formi ravnih linija.

Ovaj sistem zadovoljava kriterije otvora za niskoenergetske kuće primjenom materijala koji imaju dobre toplinske karakteristike.

Prekid termičkog mosta se postiže poliamidnim trakama (low lambda) širine 45 mm.

Radi dodatnog poboljšanja termičkih karakteristika profila, u komore profila se ugrađuju profilirani štapići od XPS -a (ekstrudirani polistiren - $\lambda=0.035 \text{ W/m}^2\text{K}$) i takvi profili dobivaju u nazivu slovo F.

Brtvljenje je izvedeno EPDM brtvama.

Mogući tipovi otvaranja su: otklopno, zaokretno, otklopno-zaokretno (jednokrilno i dvokrilno) i fiksno.

Sistem je kompatibilan sa FEAL fasadnim sistemima.

Okov koji se ugrađuje u sistem je standardni za eurožlijeb 15/20.

The TERMO 85 plus system is used for making windows, balcony doors and fixed walls.

It is a system of profiles with a broken thermal bridge, the basic installation depth of the frame is 85 mm and the sash is 93 mm.

The profiles are made in the form of straight lines.

This system meets the opening criteria for low-energy houses by using materials that have good thermal characteristics.

The breaking of the thermal bridge is achieved with polyamide strips with a width of 45 mm (low lambda).

In order to further improve the thermal characteristics of the profile, profiled rods are installed in the profile chambers

from XPS (extruded polystyrene - $\lambda=0.035 \text{ W/m}^2\text{K}$) and such profiles get the letter F in the name.

The sealing is done with EPDM seals.

Possible types of opening are: hinged, hinged, hinged-hinged (one-leaf and two-leaf) and fixed.

The system is compatible with FEAL facade systems.

The fitting that is installed in the system is standard for Eurogroove 15/20.

Karakteristike sistema:

-dubina okvira.....	85 mm
-dubina krila.....	93 mm
-dubina ispune.....	do 79 mm
-poliamidne trake.....	45 mm
-max.težina krila.....	130 kg
-zrakopropusnost.....	EN 12207
-vodonepropusnost.....	EN 12208
-otpornost na udar vjetra.....	EN 12210
-zaštita od buke.....	EN ISO 717-1
-protuprovalnost.....	EN 1627
-proračun U_w koeficijenta.....	DIN EN ISO 10077-2 ($\geq 1,0 \text{ W/m}^2\text{K}$)
-osnovni materijal.....	EN AW-6060
-materijal poliamidne trake.....	LOW LAMBDA PA 66 GF25
-materijal brtvljenja.....	EPDM
-površinska obrada.....	DIN 17611
-kontrola kvalitete.....	DIN EN ISO 9001

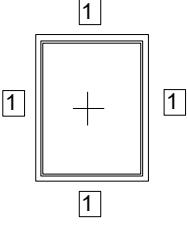
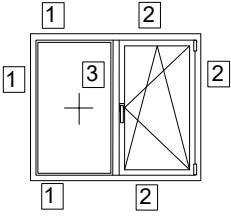
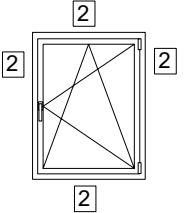
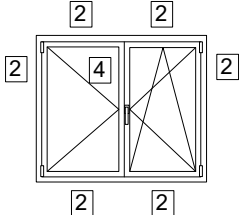
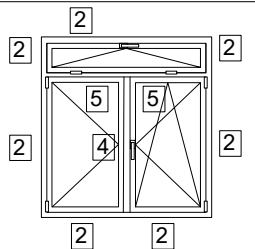
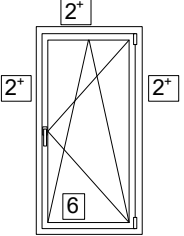
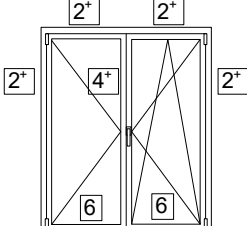
System characteristics:

-frame depth.....	85 mm
-sash depth.....	93 mm
-infill depth.....	up to 79 mm
-polyamide strips.....	45 mm
-max. sash weight.....	130 kg
-air permeability.....	EN 12207
-watertightness.....	EN 12208
-wind resistance.....	EN 12210
-airborne sound insulation.....	EN ISO 717-1
-burglary resistance.....	EN 1627
-calculation of the U_w coefficient.....	DIN EN ISO 10077-2 ($\geq 1,0 \text{ W/m}^2\text{K}$)
-profile material.....	EN AW-6060
-polyamide strips material.....	LOW LAMBDA PA 66 GF25
-gasket material.....	EPDM
-surface treatment.....	DIN 17611
-quality control.....	DIN EN ISO 9001

Ispitivanja i certifikati

Testing and certificates

ISPITIVANJA I CERTIFIKATI TESTING AND CERTIFICATES					
Vrsta ispitivanja Type of test	Fiksni prozor Fixed window	Jednokrילni prozor Single casement window	Dvokrילni prozor Double casement window	Otklopni (ventus) prozor Bottom hung window	Jednokrילna balkonska vrata Single balcony door
Zrakopropusnost Air permeability EN12207		4	4	4	4
Vodonepropusnost Watertightness EN 12208		E1500	E900	E1500	E750
Vjetronepropusnost Resistance to wind EN 12210		C5/B5	C4/B4	C5/B5	C4/B4
Buka Rw Airborne sound reduction EN ISO 717-1		36, 43, 44			
Protuprovalnost Protection against burglary EN 1627		RC2, RC3			
Otpornost na istezanje, torziju... Resistance at strain, torsion...					
Pendl test Impact resistance test EN 13049		3			
Protupožarnost Fire resistance test DIN EN 1363-1					
Protudimnost Smoke control test EN 1634-3 EN 16034					
* Feal interno ispitivanje * Feal internal testing					

		Uf1 W/m2K	Uf2 W/m2K	Uf3 W/m2K	Uf4 W/m2K	Uf5 W/m2K	Uf6 W/m2K	Uf7 W/m2K	Ug W/m2K	Uw W/m2K
	Termo 85 S plus -fiksno -fixed filed (1230x1480)	0.93							0.7 (Ψ =0.045)	0.87
	Termo 85 S plus -otkl.-zaokretno s fiksni dijelom -tilt & turn with fixed field (1600x1480)	0.93	1.1	1.2					0.7 (Ψ =0.045)	0.96
	Termo 85 S plus -otkl.-zaokretni -tilt & turn window (1230x1480)		1.1						0.7 (Ψ =0.045)	0.94
	Termo 85 S plus -dvokrilno otkl.- zaokretno -double sash tilt & turn window (1600x1480)		1.1		1.2				0.7 (Ψ =0.045)	1.0
	Termo 85 S plus -dvokrilno otkl.- zaokretno s nadsvijetlom -double sash tilt & turn with overhead op. (1600x1980)		1.1		1.2	1.2			0.7 (Ψ =0.045)	1.0
	Termo 85 S plus -balkonska vrata- -balcony door (1100x2200)		1.1				1.2		0.7 (Ψ =0.045)	0.95
	Termo 85 S plus -dvokrilna balkonska vrata -double balcony door (1600x2200)		1.1		1.2		1.2		0.7 (Ψ =0.045)	1.1

* Uf izračuni su sa XPS ispunom u profilima

* Uf calculations are with XPS isolation in the profiles

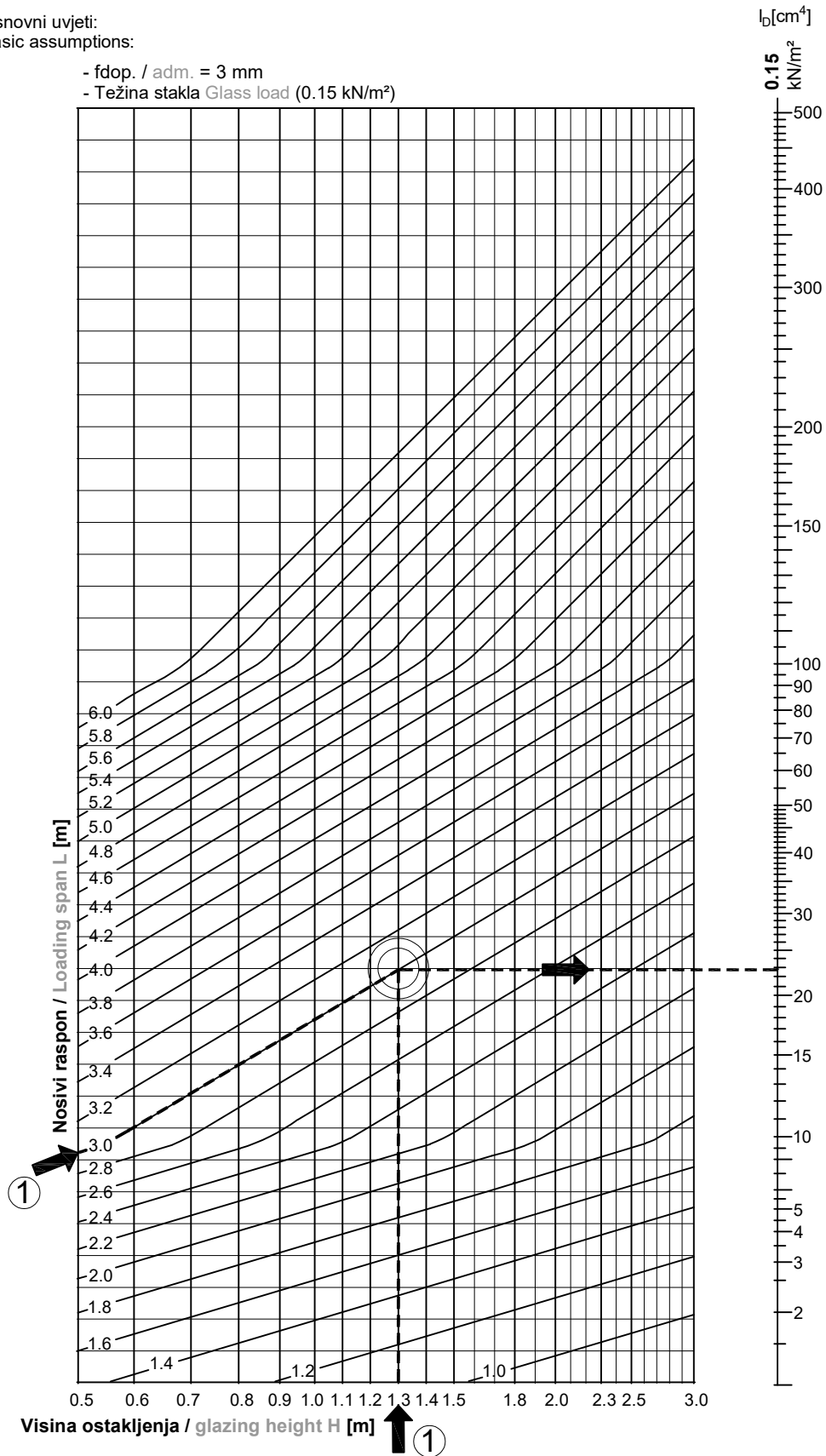
+ Presjeci sa profilom krila FT-0521F

+ Cross sections with sash profile FT-0521F

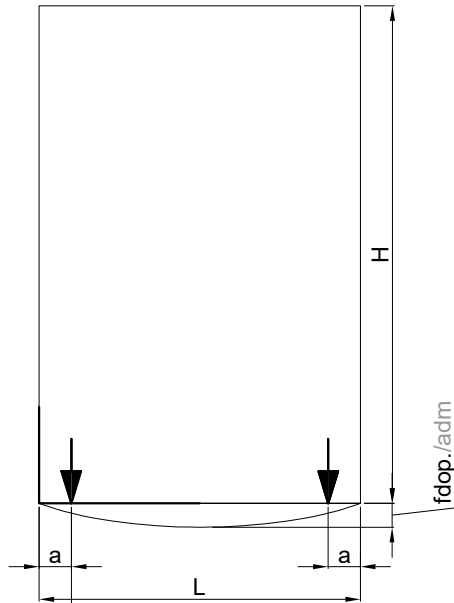
Statički dijagram težina stakla Structural diagram glass load

Osnovni uvjeti:
Basic assumptions:

- $f_{dop.} / adm. = 3 \text{ mm}$
- Težina stakla Glass load (0.15 kN/m^2)



Statički dijagram težina stakla Structural diagram glass load



1. Ulazni podaci / Input data:

Širina raspona / Load span:

L = 3.00 m

Visina ostakljenja / Glazing height:

H = 1.30 m

Debljina ostakljenja / Glazing thickness:

D = 20 mm*

* uzima se u obzir samo debljina staklenih ploha
* only glass pane thickness is calculated

2. Određivanje potrebnog momenta I_y pod jediničnim opt. 0.15 kN/m² Determination of required moment I_y under unit load 0.15 kN/m²

za / for q_s 0.15 kN/m²

$I_{y0.15} = 23 \text{ cm}^4$ (① dijagram / diagram)

3. Određivanje potrebnog momenta I_x pod opterećenjem na objektu Determination of required moment I_x under load on the building

Debljina stakla Glass thickness D=20 mm ==>> K=3.33

Potrebni / required $I_y = K_{20} \cdot I_{y0.15} = (3.33) \cdot 23 \text{ cm}^4 = 77 \text{ cm}^4$



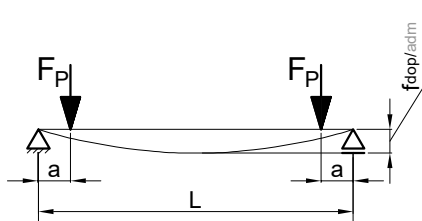
Vlastita težina profila nije uzeta u opterećenje !
The dead weight of the profile is not considered !

4. Odabrati profil iz tablice Select the profile from the table

Statičke jednadžbe

Structural formulas

Nosač na dva oslonca / Beam on 2 supports



a = 150 mm fiksno / fixed

$$F = \frac{H \cdot L}{2} \cdot q_s$$

$$I_y = \frac{F \cdot a}{24 \cdot E \cdot f_{dop. / adm.}} \cdot (3 \cdot L^2 - 4 a^2)$$

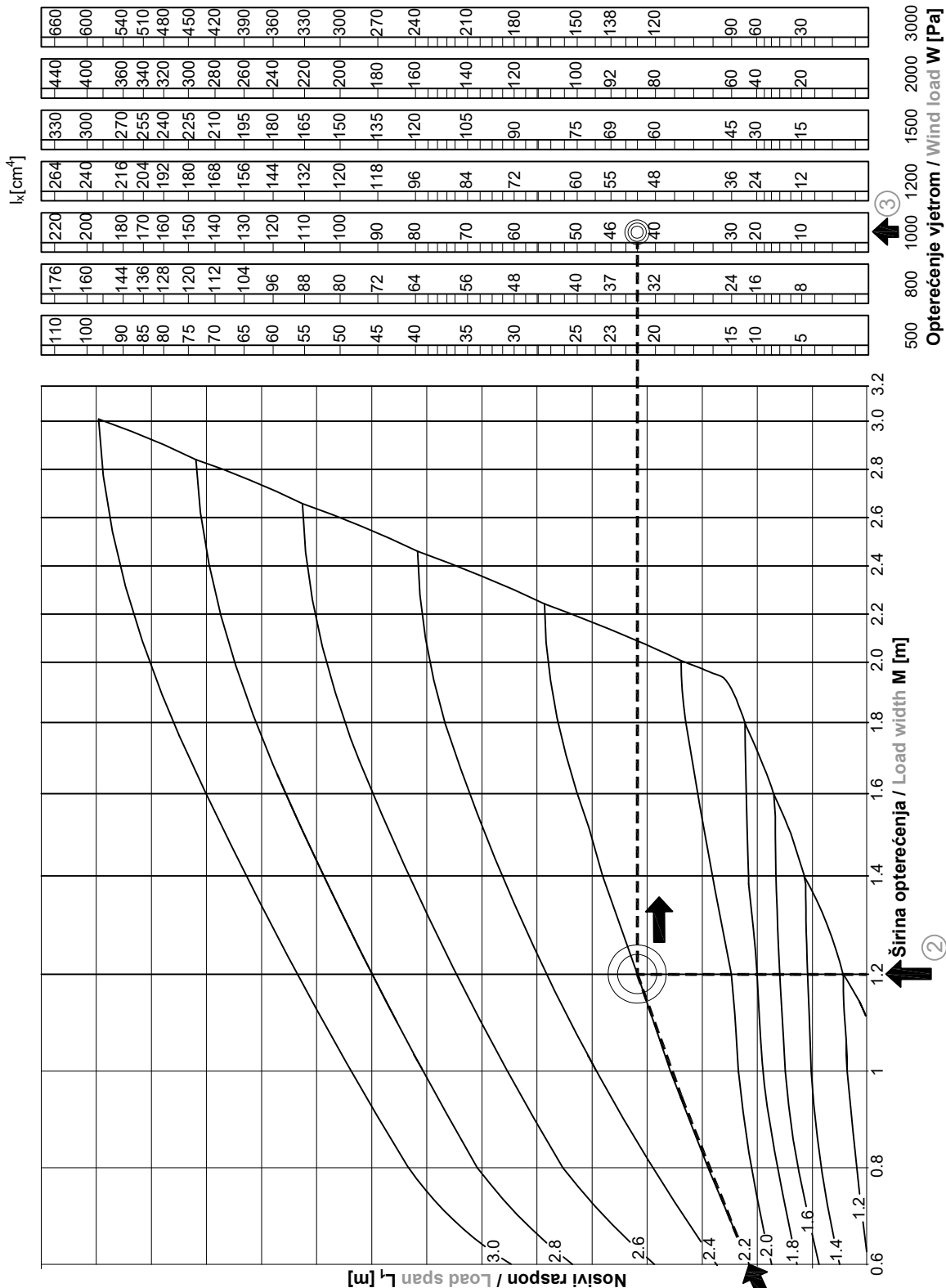
I_y (cm⁴) = Moment inercije / Moment of inertia
 F_P (kN) = Pojedinačno opterećenje / Single load
a (cm) = Udaljenost oslonca / Support distance
H (cm) = Visina stakla / Pane height
L (cm) = Širina raspona / Load span
 q_s (kN/cm²) = Težina stakla / Glass weight
 $f_{dop. / adm.}$ (cm) = dop.progib / adm. deflection

Tablica 1. Težina stakla
Table 1. Glass weight

Koeficijent K Coefficient K	1	1.33	1.66	2	2.33	2.66	3	3.33	3.66	4	4.33	4.66	5	5.33	5.66	6	6.33	6.66	7	7.33	7.66	8
kN/m ²	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.15	1.20	1.25
kg/m ²	15	20	25	30	35	40	45	50	55	60	65	70	80	85	90	95	100	105	110	115	120	125
Deblj. stakla (mm) D Glass thick. (mm) D	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48

①

Statički dijagram -opterećenje vjetrom **Structural diagram of wind load**
Trokutasto i trapezoidno opterećenje **Triangular and trapezoidal load**



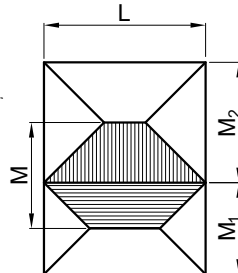
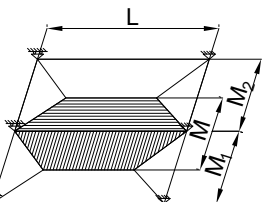
	400	500	600	700	800	900	1000	1100	1200	1400	1500	1600	1800	2000	2200	2400	3000
Pa(N/m²)																	
kPa(kN/m²)	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.8	2.0	2.2	2.4	3.0
km/h	89.6	100.1	109.7	118.5	126.7	134.4	141.6	148.5	155.1	167.7	173.5	179.1	190.0	200.3	210.1	219.4	245.3
m/s	24.9	27.8	30.5	32.9	35.2	37.3	39.3	41.3	43.1	46.5	48.2	49.8	52.8	55.6	58.4	60.9	68.1

Osnovni uvjeti
Basic assumptions:
 $f_{dop.} / adm. = L / 200$

Trapezoidno opterećenje

Trapezoidal load
 $M = (M_1 + M_2)/2$

$$M = (M_1 + M_2)/2$$



Primjer 1 /
Example 1:

① Nosivi raspon /
Load span:

② Širina opterećenja
L = 2.20 m

/ Load width:
 $M_1 = 1,0 \text{ m}$
 $M_2 = 1,4 \text{ m}$

$$M = (M_1 + M_2) / 2 = 1,2 \text{ m}$$

③ **Plak vjetra***
Wind pressure*
= 1000 Pa

[illegible]

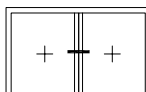
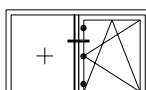
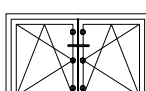
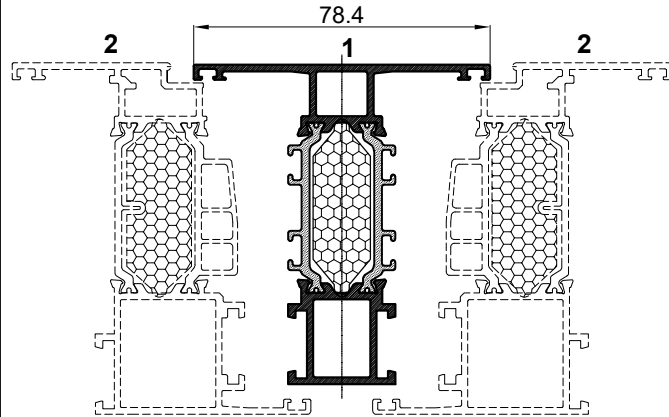
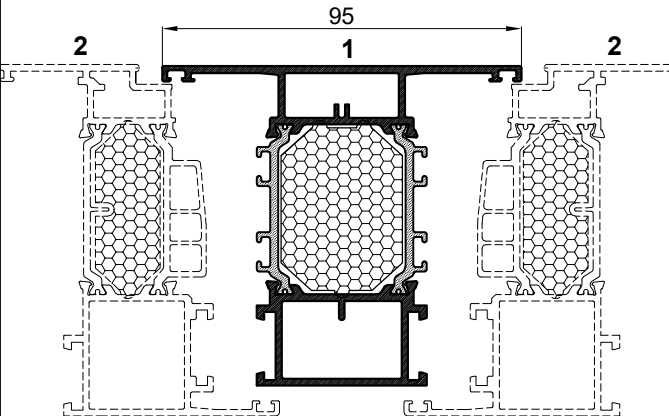
Result	Potrebni Ix	Required Ix
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

 $= 42 \text{ cm}^4$

**Odabrali odgovarajući
profil iz tablice profila**

Select the profile from the profile table

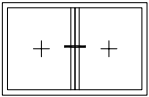
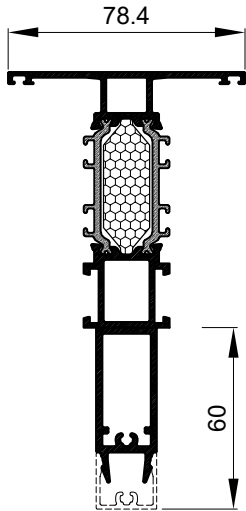
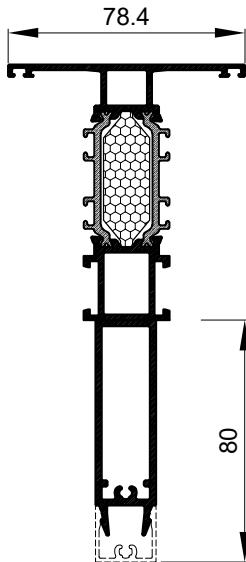
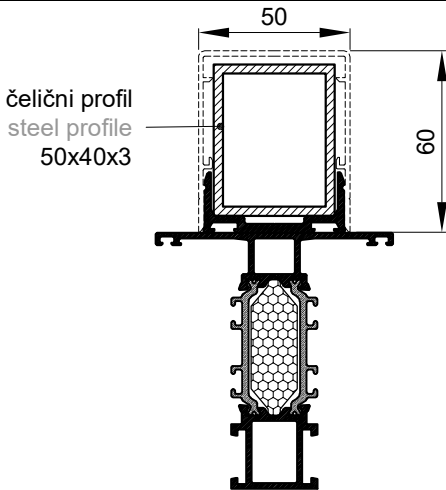
Vrijednosti momenta inercije Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles 1+2	Ix (cm ⁴)	Profili Profiles 2+1+2	Ix (cm ⁴)				
 1  1+2  2+1+2	 <table><tr><th>Profili Profiles 1</th><th>Ix (cm⁴)</th></tr><tr><td>FT-0531</td><td>37.22</td></tr></table>	Profili Profiles 1	Ix (cm ⁴)	FT-0531	37.22	FT-0531+ FT-0520	88.82	FT-0520+ FT-0531+ FT-0520	140.42
	Profili Profiles 1	Ix (cm ⁴)							
	FT-0531	37.22							
	FT-0531+ FT-0521	96.98	FT-0521+ FT-0531+ FT-0521	156.74					
	 <table><tr><th>Profili Profiles 1</th><th>Ix (cm⁴)</th></tr><tr><td>FT-0532</td><td>47.75</td></tr></table>	Profili Profiles 1	Ix (cm ⁴)	FT-0532	47.75	FT-0532+ FT-0520	99.35	FT-0520+ FT-0532+ FT-0520	150.95
Profili Profiles 1	Ix (cm ⁴)								
FT-0532	47.75								
FT-0532+ FT-0521	107.51	FT-0521+ FT-0532+ FT-0521	167.27						

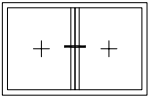
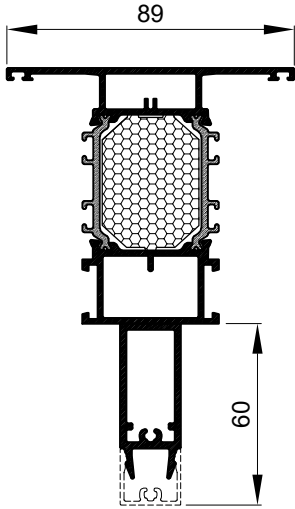
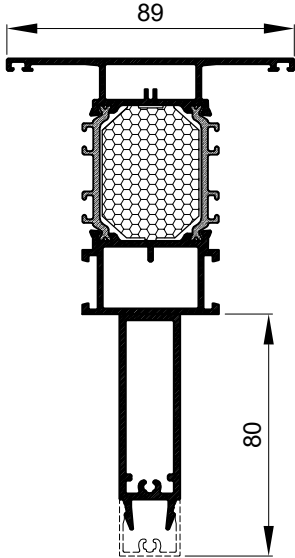
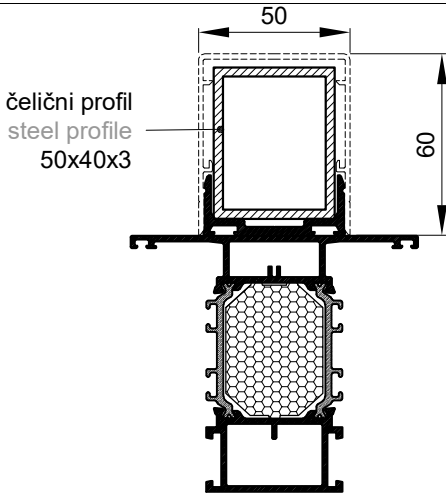
* Preduvjet: minimalno tri točke ključanja, s maksimalnim međusobnim razmakom 800 mm

* Precondition: min. 3 locking points, with max. distance between locking points 800 mm

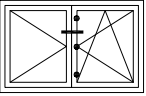
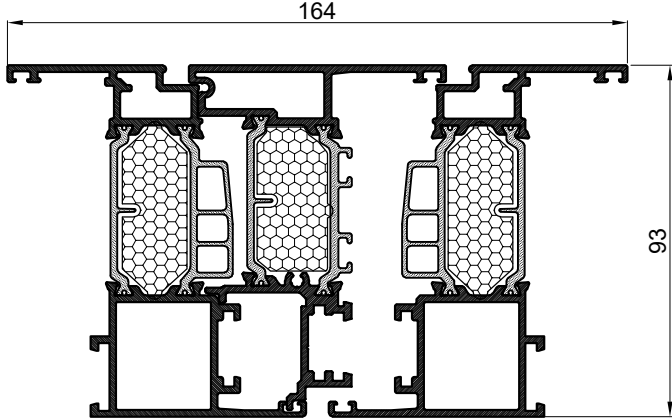
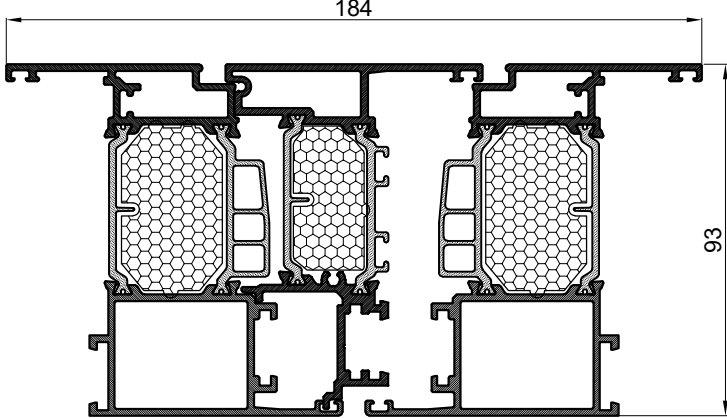
Vrijednosti momenta inercije
 Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	I_x (cm ⁴)
		FT-0531 i F-1634	118.29
		FT-0531 i NP-4183	168.87
		FT-0531 i čelični profil 50x40x3	177.01

Vrijednosti momenta inercije
 Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	I_x (cm ⁴)
		FT-0532 i F-1634	133.62
		FT-0532 i NP-4183	189.06
		FT-0532 i čelični profil 50x40x3	214.6

Vrijednosti momenta inercije
 Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	I_x (cm ⁴)
		(FT-0520 i FT-0530) + FT-0520	143.53
		(FT-0521 i FT-0530) + FT-0521	159.36

* Preduvjet: minimalno tri točke ključanja, s maksimalnim međusobnim razmakom 800 mm

* Precondition: min. 3 locking points, with max. distance between locking points 800 mm

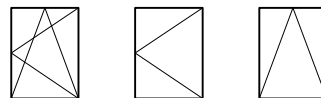
PREPORUKE ZA ODABIR PROFILA KRILA OVISNO O VELIČINI KRILA RECOMMENDATIONS FOR SELECTION OF SASH PROFILE BASED ON THE SASH SIZE

Grupa A - profili krila za prozore

Grupa B - profili krila za prozore i balkonska vrata

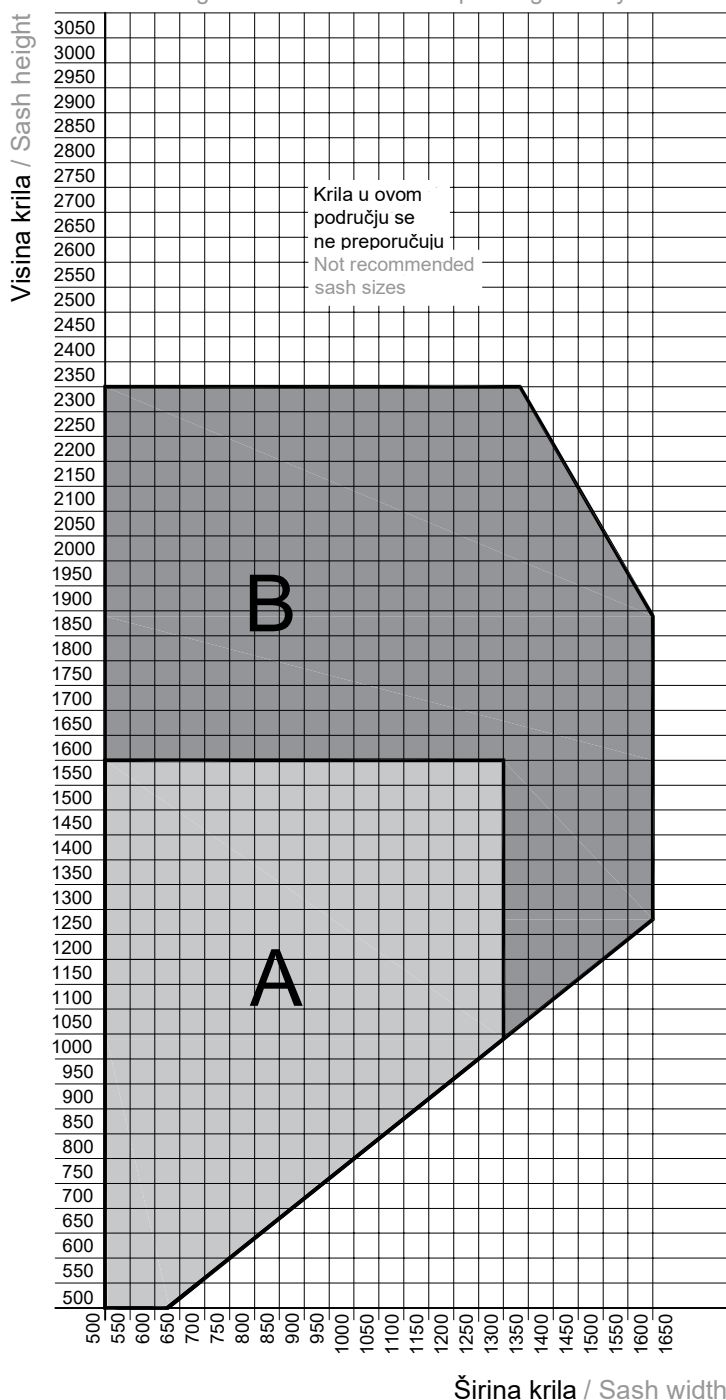
Group A - sash profiles for windows

Group B - sash profiles for windows and balcony doors



Dijagram veličina krila ovisan o geometriji profila krila

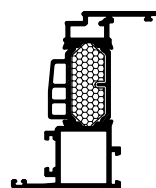
Sash size diagram based on the sash profile geometry



Grupa A

$A \leq 90$ kg

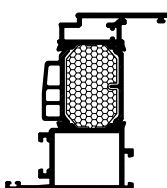
FT-0520F



Grupa B

$B \leq 180$ kg

FT-0521F



Prije konačnog odabira profila i dimenzija krila
uzeti u obzir i dijagrame za okove!

Before choosing the profile and sash dimensions observe the
hardware application diagrams!

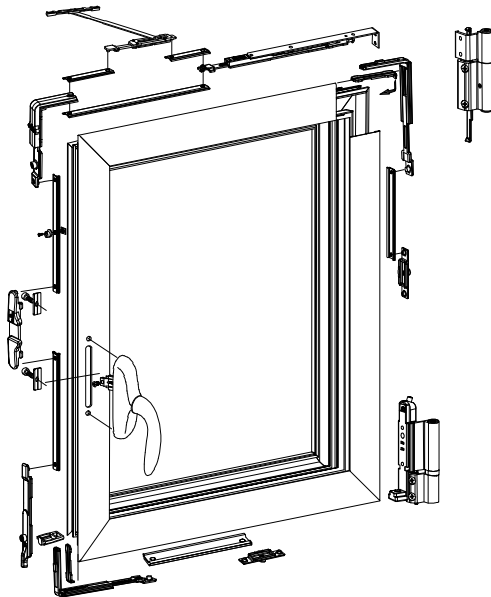
134.025.xx - OTKLOPNO-ZAKRETNI MEHANIZAM - STUBLINA (4035)

134.025.xx - TILT-TURN MECHANISM - STUBLINA (4035)

Maksimalna težina krila 100 kg
Maximum sash weight 100 kg

Tabela nosivosti za:
Table of loads:

4030.00, 4035.00
4031.00, 4036.00
4032.00, 4037.00
4033.00, 4038.00

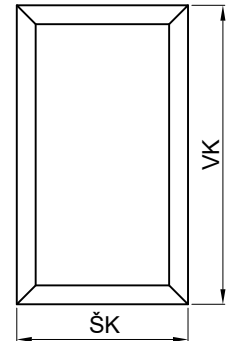


Debljina stakla (mm)

Glass thickness (mm)

2400	38	31	27	23	20	18	16	15	14	13	12	11	10
2300	38	34	28	25	21	19	17	15	14	13	12	11	10
2200	38	33	30	25	22	20	18	16	15	14	13	11	10
2100	38	35	31	23	23	21	19	17	16	14	13	12	11
2000	38	38	33	28	25	22	20	18	16	15	14	12	11
1900	38	38	34	30	26	23	20	19	17	16	15	14	13
1800	38	38	38	31	27	24	21	20	18	16	15	14	13
1700	38	38	38	33	29	26	23	21	18	17	16	16	14
1600	38	38	38	35	31	27	25	22	20	18	16	15	13
1500	38	38	38	38	33	29	26	24	21	18	17	15	13
1400	38	38	38	38	35	31	27	25	22	21	17	16	13
1300	38	38	38	38	38	34	31	25	25	21	18	15	13
1200	38	38	38	38	38	35	33	29	25	21	18	15	13
1100	38	38	38	38	38	38	33	29	25	21	18	15	12
1000	38	38	38	38	38	38	33	29	25	21	18	13	10
900	38	38	38	38	38	38	33	29	21	19	15	11	8
800	38	38	38	38	38	38	31	25	20	15	10	8	x
700	38	38	38	38	38	33	31	24	18	13	x	x	x
600	38	38	38	38	38	33	31	21	x	x	x	x	x
500	38	38	38	38	38	29	x	x	x	x	x	x	x
465	38	38	38	38	38	x	x	x	x	x	x	x	x
VK(mm) SK(mm)	425	535	600	700	800	900	1000	1100	1200	1300	1400	1500	1600

x Neizvedivo / Unfeasible



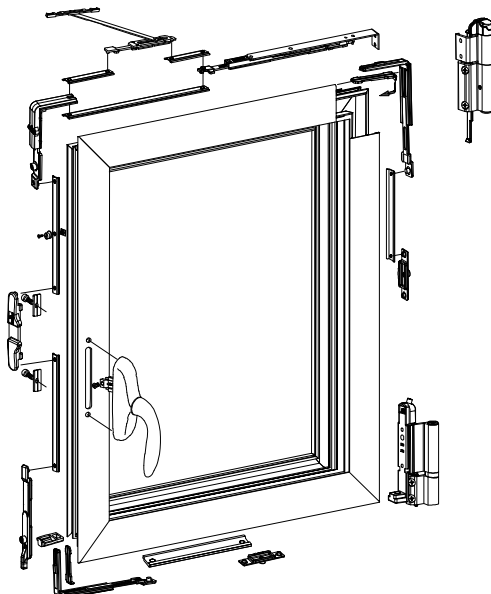
Debljina stakla
Glass thickness

mm	kg/m ²
6	15
8	20
10	25
12	30
14	35
16	40
18	45
20	50
22	55
24	60
26	65
28	70
30	80
32	85
34	90
36	95
38	100
40	105
42	110
44	115
46	120
48	125

Maksimalna težina krila 130 kg
Maximum sash weight 130 kg

Tabela nosivosti za:
Table of loads:

4030.00U, 4035.00U
4031.00U, 4036.00U
4032.00U, 4037.00U
4033.00U, 4038.00U



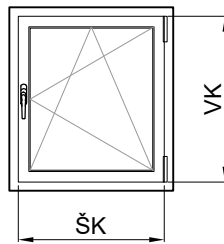
Debljina stakla (mm)

Glass thickness (mm)

2400	48	38	34	29	26	23	21	19	17	16	15	14	13
2300	48	40	36	31	27	24	21	20	18	17	15	14	13
2200	48	42	37	32	28	25	22	20	19	17	16	15	14
2100	48	44	39	34	29	26	24	21	20	18	17	16	15
2000	48	46	41	35	31	27	25	22	21	19	18	16	15
1900	48	48	43	37	33	29	26	24	22	20	19	17	16
1800	48	48	46	39	34	30	27	25	23	21	20	18	17
1700	48	48	48	42	36	32	29	26	24	22	21	19	18
1600	48	48	48	44	39	34	31	28	26	24	22	21	18
1500	48	48	48	47	41	37	33	30	27	25	24	21	18
1400	48	48	48	48	44	39	35	32	29	27	24	21	18
1300	48	48	48	48	48	42	38	35	32	27	24	21	18
1200	48	48	48	48	48	46	41	37	32	27	24	21	18
1100	48	48	48	48	48	48	45	37	32	27	24	20	16
1000	48	48	48	48	48	48	42	37	32	27	24	18	14
900	48	48	48	48	48	48	42	37	29	25	20	14	10
800	48	48	48	48	48	48	40	34	24	18	15	10	x
700	48	48	48	48	48	42	40	30	22	16	8	x	x
600	48	48	48	48	48	41	40	28	15	x	x	x	x
500	48	48	48	48	48	36	32	x	x	x	x	x	x
465	48	48	48	48	48	x	x	x	x	x	x	x	x
VK(mm) SK(mm)	425	535	600	700	800	900	1000	1100	1200	1300	1400	1500	1600

x Neizvedivo / Unfeasible

OTKLOPNO-ZAKRETNI MEHANIZAM - GIESSE FUTURA 3D (130 micro)
TILT-TURN MECHANISM - GIESSE FUTURA 3D (130 micro)



Maksimalna
težina krila **140 kg**
Maximum
sash weight **140 kg**

Maksimalna težina krila (kg)
Maximum sash weight (kg)

[illegible]

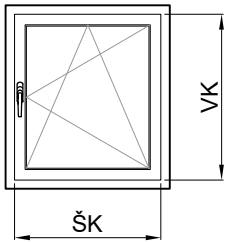
350 **X** Neizvedivo / Unfeasible

Maksimalna debljina stakla (mm)
Maximum glass thickness (mm)

600	3000	35	28	24	21	19	17	15	14	13	12	11	11	10	x
	2900	35	29	25	22	20	18	16	15	14	13	12	11	10	10
	2800	36	30	26	23	20	18	17	15	14	13	12	11	11	10
	2700	38	31	27	24	21	19	17	16	15	13	13	12	11	10
	2600	39	33	28	25	22	20	18	16	15	14	13	12	12	1
	2500	44	37	31	27	24	22	20	18	17	16	15	14	13	11
	2400	46	38	33	29	25	23	21	19	18	16	15	14	13	12
	2300	48	40	34	30	27	24	22	20	18	17	16	15	14	12
	2200	50	42	36	31	28	25	23	21	19	18	17	16	15	13
	2100	50	44	37	33	29	26	24	22	20	19	17	16	15	13
	2000	50	46	39	34	31	27	25	23	21	20	18	17	16	14
	1900	50	48	41	36	32	29	26	24	22	21	19	18	16	14
	1800	50	50	44	38	34	31	28	25	23	22	20	18	16	14
	1700	50	50	46	40	36	32	29	27	25	23	21	18	16	14
	1600	50	50	49	43	38	34	31	29	26	24	21	18	16	14
	1500	50	50	50	46	41	37	33	31	27	24	21	18	16	14
	1400	50	50	50	49	44	39	36	32	27	24	21	18	16	x
	1300	50	50	50	50	47	42	38	32	27	24	21	18	x	x
	1200	50	50	50	50	50	46	38	32	27	24	21	x	x	x
	1100	50	50	50	50	50	46	38	32	27	24	x	x	x	x
1000	50	50	50	50	50	46	38	32	27	x	x	x	x	x	
900	50	50	50	50	50	46	38	32	x	x	x	x	x	x	
800	50	50	50	50	50	46	38	x	x	x	x	x	x	x	
700	50	50	50	50	50	46	x	x	x	x	x	x	x	x	
	Vk(mm) Sk(mm)	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800

350 **X** Neizvedivo / Unfeasible

SKRIVENI OTKLOPNO-ZAKRETNÍ MECHANIZAM - GIESSE CHIC 3D STANDARD
HIDDEN TILT-TURN MECHANISM - GIESSE CHIC 3D STANDARD



Maksimalna
težina krila **100 kg**
Maximum
sash weight **100 kg**

2500	33	27	23	20	18	16	15	14	13	12	11	
2400	33	27	23	20	18	16	15	14	13	12	11	
2300	34	28	24	21	19	17	16	14	13	12	11	
2200	36	30	25	22	20	18	16	15	14	13	12	
2100	37	31	27	23	21	19	17	16	14	13	12	
2000	39	33	28	25	22	20	18	16	15	14	13	
1900	41	34	30	26	23	21	19	17	16	15	14	
1800	44	36	31	27	24	22	20	18	17	16	15	
1700	46	38	33	29	26	23	21	19	18	16	15	
1600	49	41	35	31	27	25	22	20	19	17	15	
1500	50	44	37	33	29	26	24	22	20	17	15	
1400	50	47	40	35	31	28	25	23	20	17	15	
1300	50	50	43	38	34	30	27	24	20	17	15	
1200	50	50	47	41	36	33	28	24	20	17	15	
1100	50	50	50	45	40	34	28	24	20	17	x	
1000	50	50	50	49	42	34	28	24	20	x	x	
900	50	50	50	50	42	34	28	24	x	x	x	
800	50	50	50	50	42	34	28	x	x	x	x	
700	50	50	50	50	42	34	x	x	x	x	x	
600	V _k (mm) S _k (mm)	500	600	700	800	900	1000	1100	1200	1300	1400	1500
	445											
	[x] Neizvedivo / Unfeasible											

	2500	100	100	100	100	100	100	100	100	100	100	100
	2400	100	100	100	100	100	100	100	100	100	100	100
	2300	100	100	100	100	100	100	100	100	100	100	100
	2200	100	100	100	100	100	100	100	100	100	100	100
	2100	100	100	100	100	100	100	100	100	100	100	100
	2000	100	100	100	100	100	100	100	100	100	100	100
	1900	100	100	100	100	100	100	100	100	100	100	100
	1800	100	100	100	100	100	100	100	100	100	100	100
	1700	100	100	100	100	100	100	100	100	100	100	98
	1600	100	100	100	100	100	100	100	100	100	99	92
	1500	100	100	100	100	100	100	100	100	100	93	87
	1400	100	100	100	100	100	100	100	100	93	87	81
	1300	100	100	100	100	100	100	100	94	87	80	75
	1200	100	100	100	100	100	100	95	87	80	74	69
	1100	100	100	100	100	100	95	87	79	73	68	x
	1000	100	100	100	100	96	87	79	72	67	x	x
	900	100	100	100	98	87	78	71	65	x	x	x
	800	100	100	99	87	77	69	63	x	x	x	x
600	700	100	100	87	76	67	61	x	x	x	x	x
	Vk(mm) / SKI(mm)	500	600	700	800	900	1000	1100	1200	1300	1400	1500
		[X] Neizvedivo / Unfeasible										

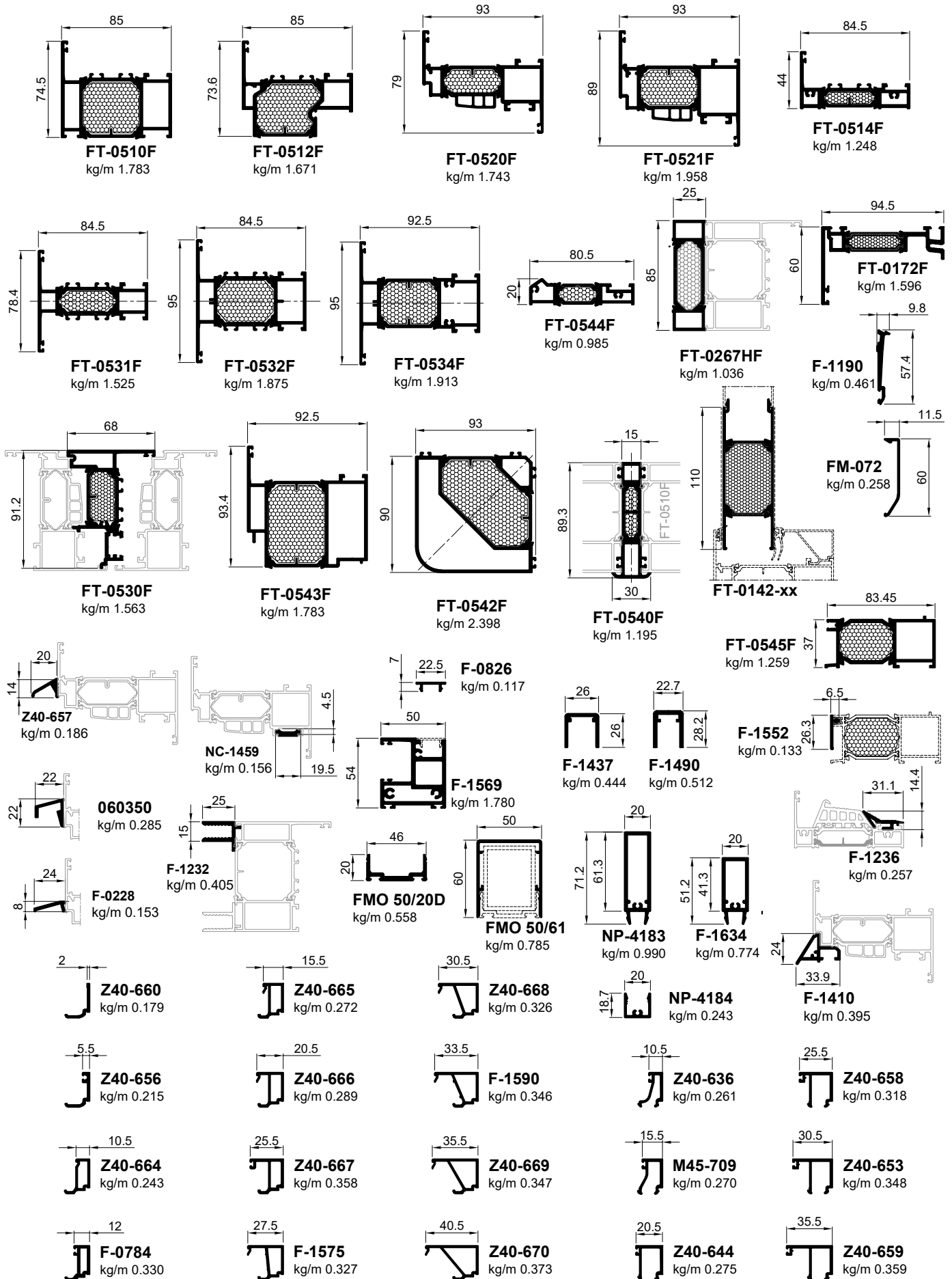
2800	35	29	25	22	19	17	16	14	13	12	12	x	
2700	37	31	26	23	20	18	17	15	14	13	12	x	
2600	39	32	28	24	21	19	18	16	15	14	13	12	
2500	43	35	30	27	24	21	19	18	16	15	14	13	
2400	43	35	30	27	24	21	19	18	16	15	14	13	
2300	44	37	32	28	25	22	20	18	17	16	15	14	
2200	46	39	33	29	26	23	21	19	18	17	15	14	
2100	49	40	35	30	27	24	22	20	19	17	16	15	
2000	51	43	36	32	28	26	23	21	20	18	17	16	
1900	54	45	38	34	30	27	24	22	21	19	18	17	
1800	57	47	40	35	31	28	26	24	22	20	19	18	
1700	60	50	43	38	33	30	27	25	23	21	20	18	
1600	60	53	46	40	35	32	29	27	25	23	21	18	
1500	60	57	49	43	38	34	31	28	26	24	21	18	
1400	60	60	52	46	40	36	33	30	28	24	21	18	
1300	60	60	56	49	44	39	36	33	28	24	21	18	
1200	60	60	60	53	47	43	39	33	28	24	21	x	
1100	60	60	60	58	52	46	39	33	28	24	x	x	
1000	60	60	60	60	57	47	39	33	28	x	x	x	
900	60	60	60	60	58	47	39	33	x	x	x	x	
800	60	60	60	60	58	47	39	x	x	x	x	x	
700	60	60	60	60	58	47	x	x	x	x	x	x	
600	V(kmm) 5(kmm)	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600

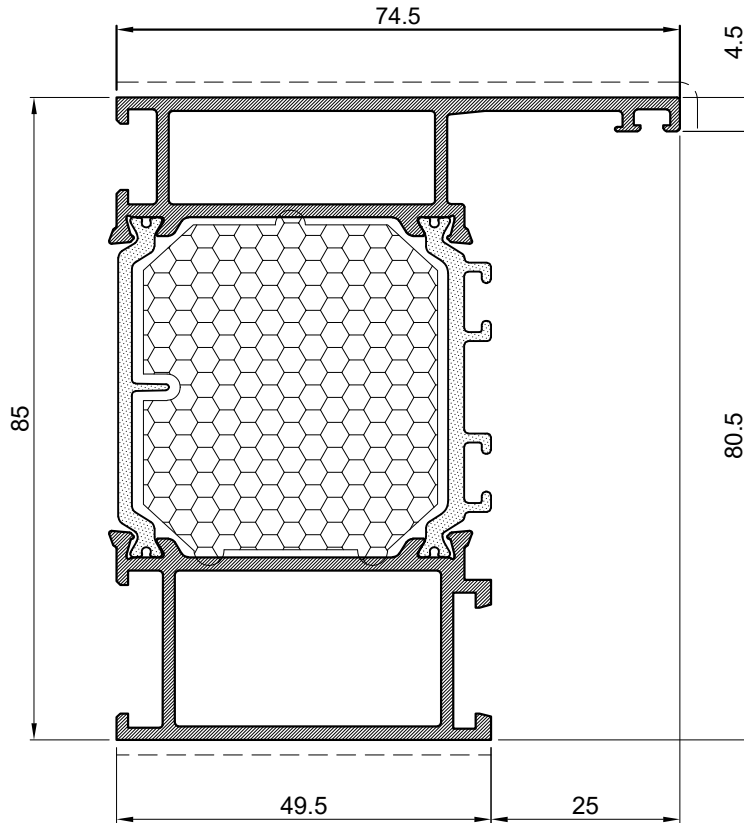
470

x Neizvedivo / Unfeasible

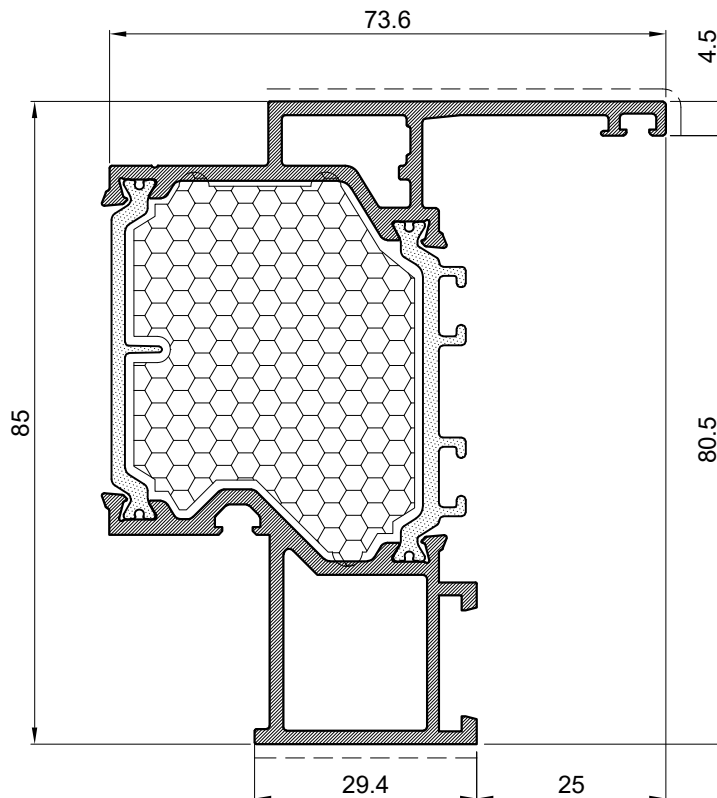
[illegible]

Profili Profiles



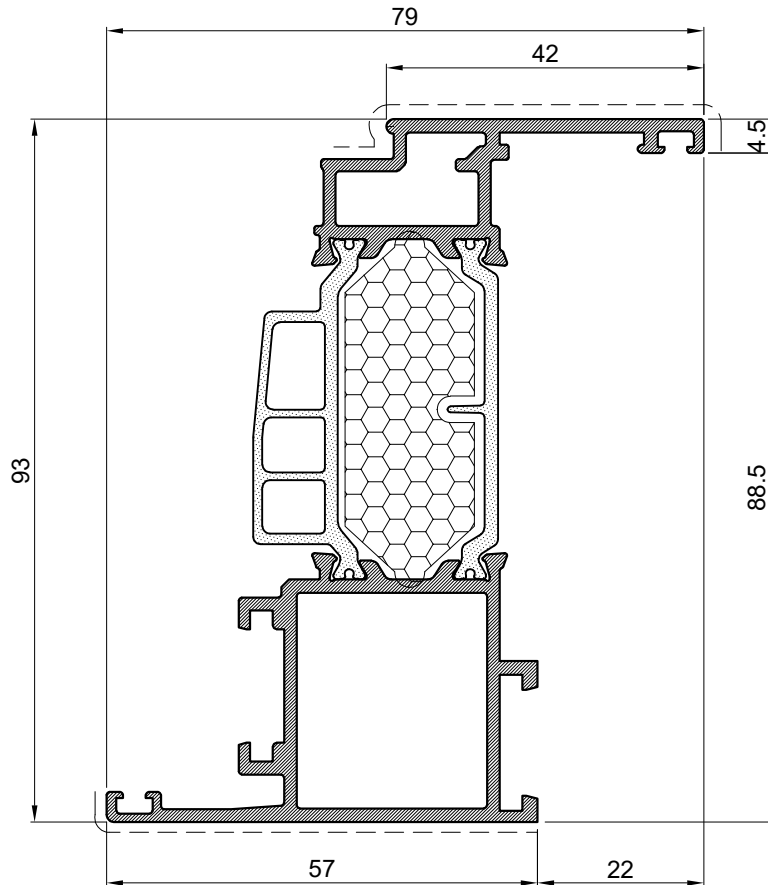


Profil rama Frame profile		
Art.Br. Art.Nr.	FT-0510F	
Težina Weight	kg/m'	1.783
Opseg Perimeter	mm	457
Moment inerције Moments of inertia	I _x (cm ⁴)	45.91
	I _y (cm ⁴)	21.18
	W _x (cm ³)	13.83
	W _y (cm ³)	4.56
L	mm	6500

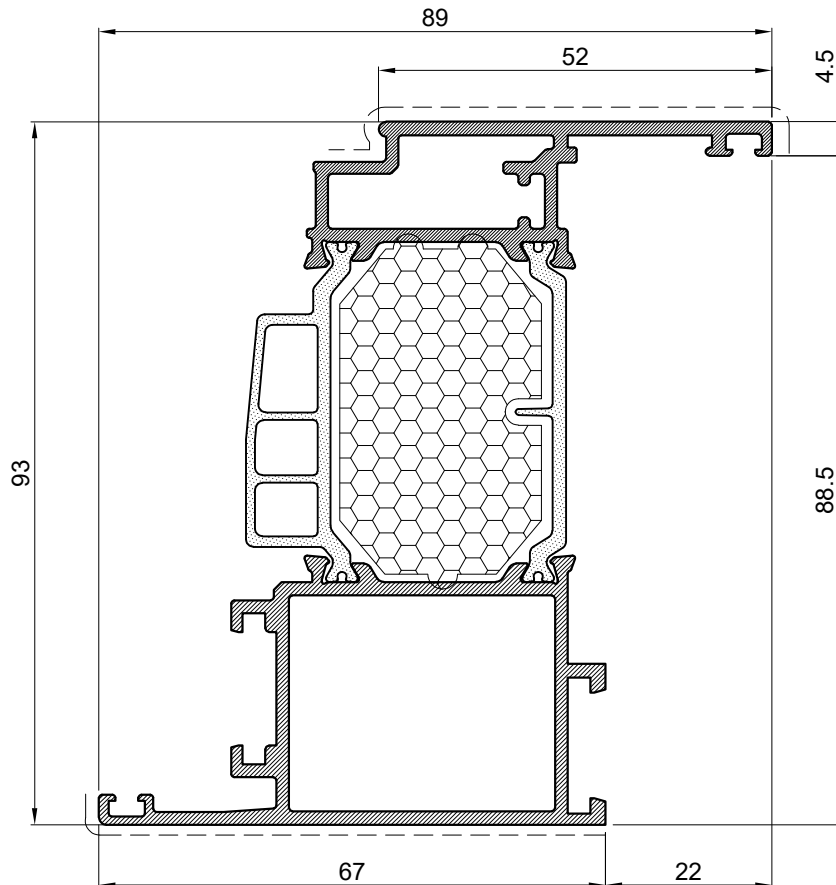


Profil rama Frame profile		
Art.Br. Art.Nr.	FT-0512F	
Težina Weight	kg/m'	1.671
Opseg Perimeter	mm	427
Moment inerције Moments of inertia	I _x (cm ⁴)	38.28
	I _y (cm ⁴)	14.6
	W _x (cm ³)	11.29
	W _y (cm ³)	3.44
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”

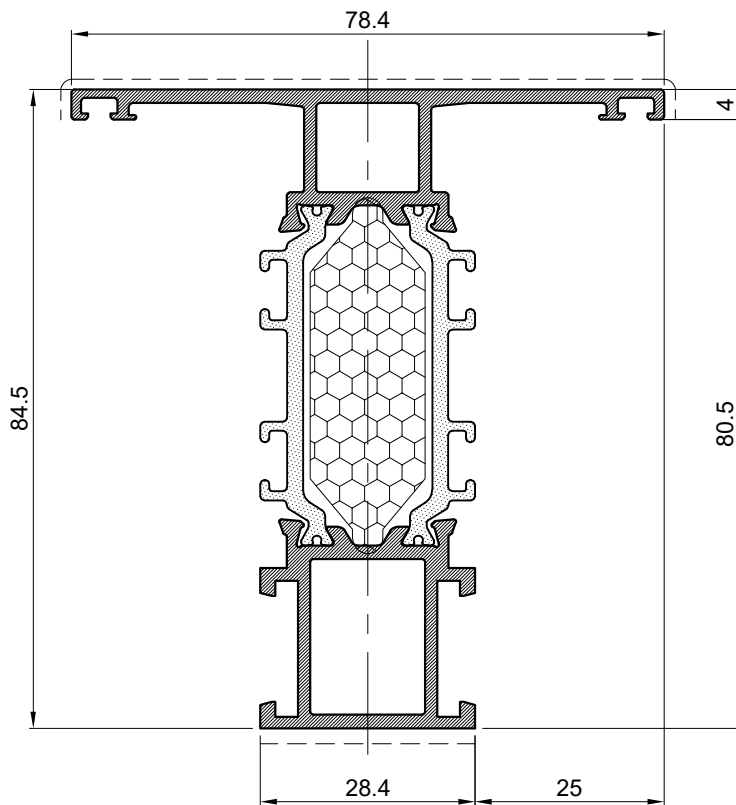


Profil krila Sash profile		
Art.Br. Art.Nr.	FT0520F	
Težina Weight	kg/m'	1.743
Opseg Perimeter	mm	473
Moment inerције Moments of inertia	I _x (cm ⁴)	51.6
	I _y (cm ⁴)	14.18
	W _x (cm ³)	14.32
	W _y (cm ³)	3.58
L	mm	6500

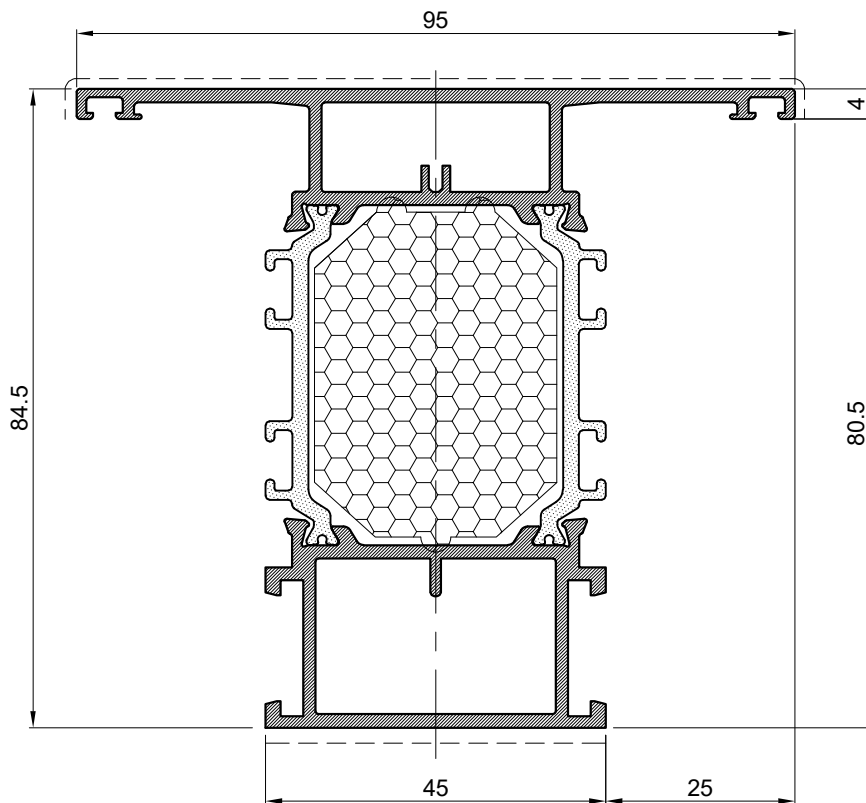


Profil krila Sash profile		
Art.Br. Art.Nr.	FT-0521F	
Težina Weight	kg/m'	1.958
Opseg Perimeter	mm	485
Moment inerције Moments of inertia	I _x (cm ⁴)	59.76
	I _y (cm ⁴)	23
	W _x (cm ³)	17.05
	W _y (cm ³)	5.15
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”

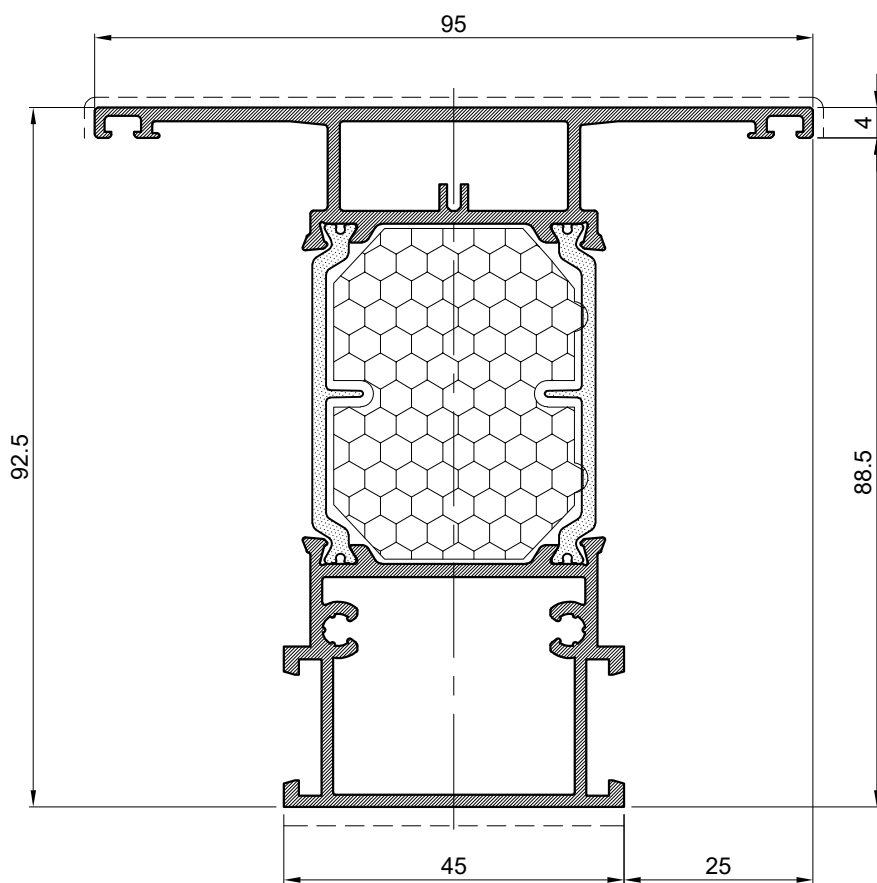


Profil prečke Crossbar profile		
Art.Br. Art.Nr.	FT-0531F	
Težina Weight	kg/m'	1.525
Opseg Perimeter	mm	479
Moment inerције Moments of inertia	I _x (cm ⁴)	37.22
	I _y (cm ⁴)	10.54
	W _x (cm ³)	10.54
	W _y (cm ³)	2.69
L	mm	6500



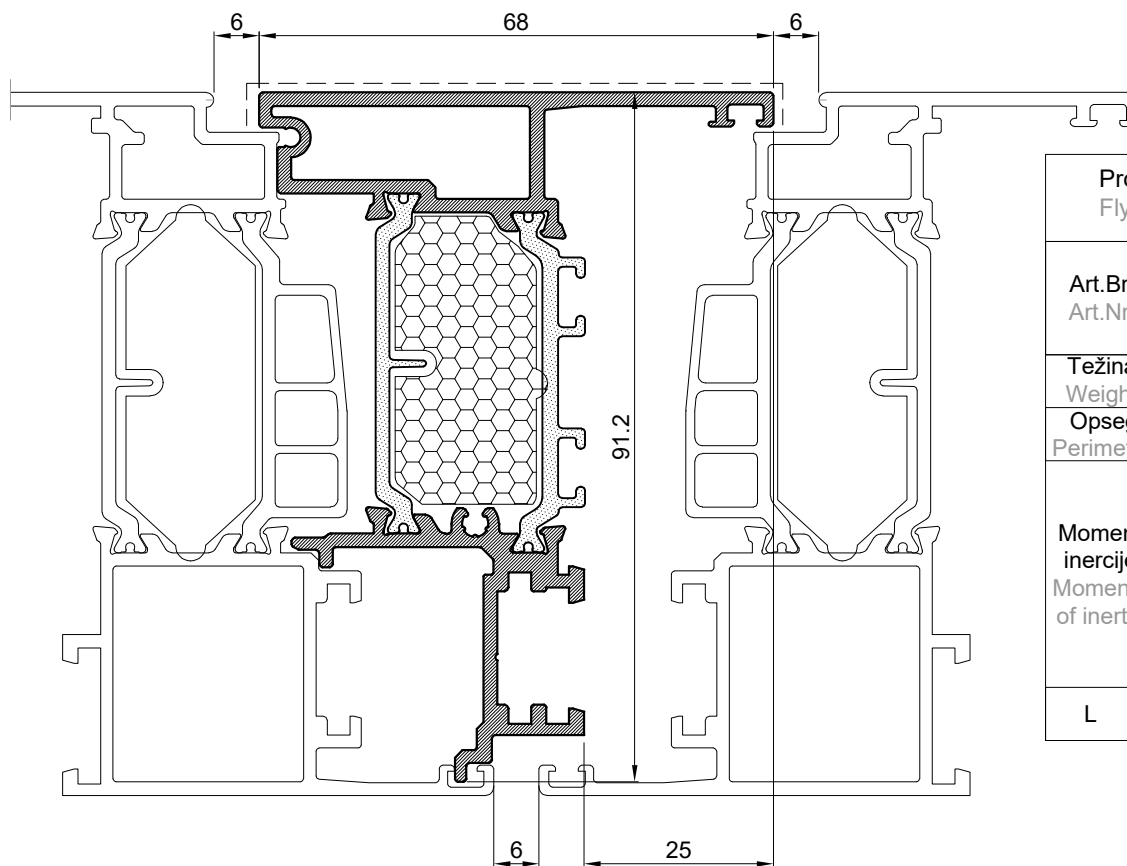
Profil prečke Crossbar profile		
Art.Br. Art.Nr.	FT-0532F	
Težina Weight	kg/m'	1.875
Opseg Perimeter	mm	525
Moment inerције Moments of inertia	I _x (cm ⁴)	47.75
	I _y (cm ⁴)	23.15
	W _x (cm ³)	13.8
	W _y (cm ³)	4.87
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



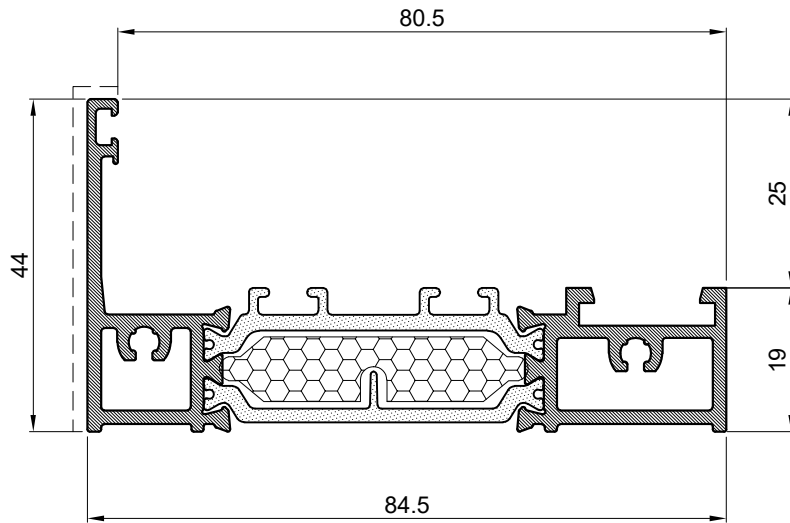
Profil prečke Crossbar profile		
Art.Br. Art.Nr.	FT-0534F	
Težina Weight	kg/m'	1.913
Opseg Perimeter	mm	481
Moment inercije Moments of inertia	Ix (cm4)	57.98
	Iy (cm4)	24.46
	Wx (cm3)	15.29
	Wy (cm3)	5.15
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
 PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”

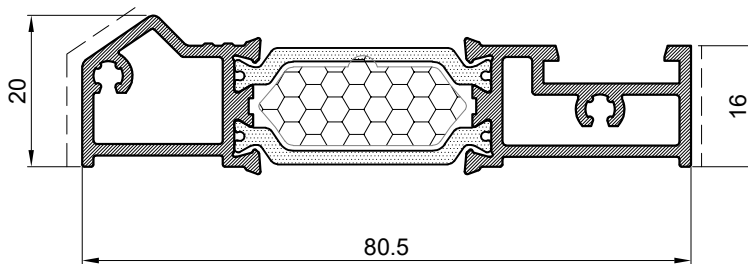


Profil kombatute Flying mullion		
Art.Br. Art.Nr.	FT-0530F	
Težina Weight	kg/m'	1.563
Opseg Perimeter	mm	450
Moment inercije Moments of inertia	Ix (cm4)	35.61
	Iy (cm4)	11.06
	Wx (cm3)	8.64
	Wy (cm3)	2.82
L	mm	6500

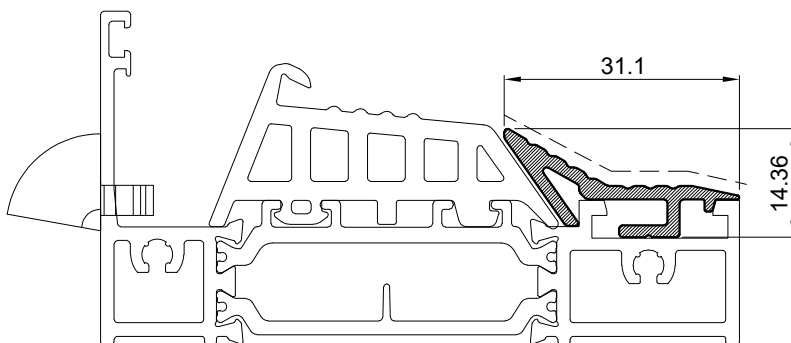
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
 PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



Profil praga Threshold profile		
Art.Br. Art.Nr.	FT-0514F	
Težina Weight	kg/m'	1.248
Opseg Perimeter	mm	324
L	mm	6500

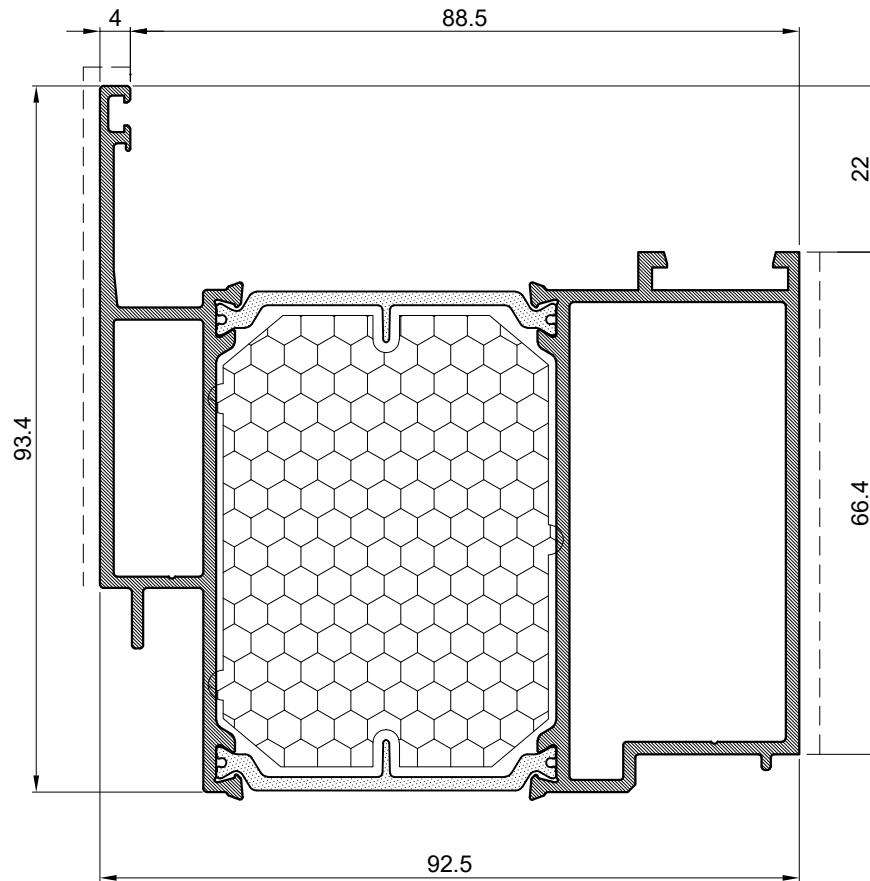


Profil praga Threshold profile		
Art.Br. Art.Nr.	FT-0544F	
Težina Weight	kg/m'	0.985
Opseg Perimeter	mm	213
L	mm	6500

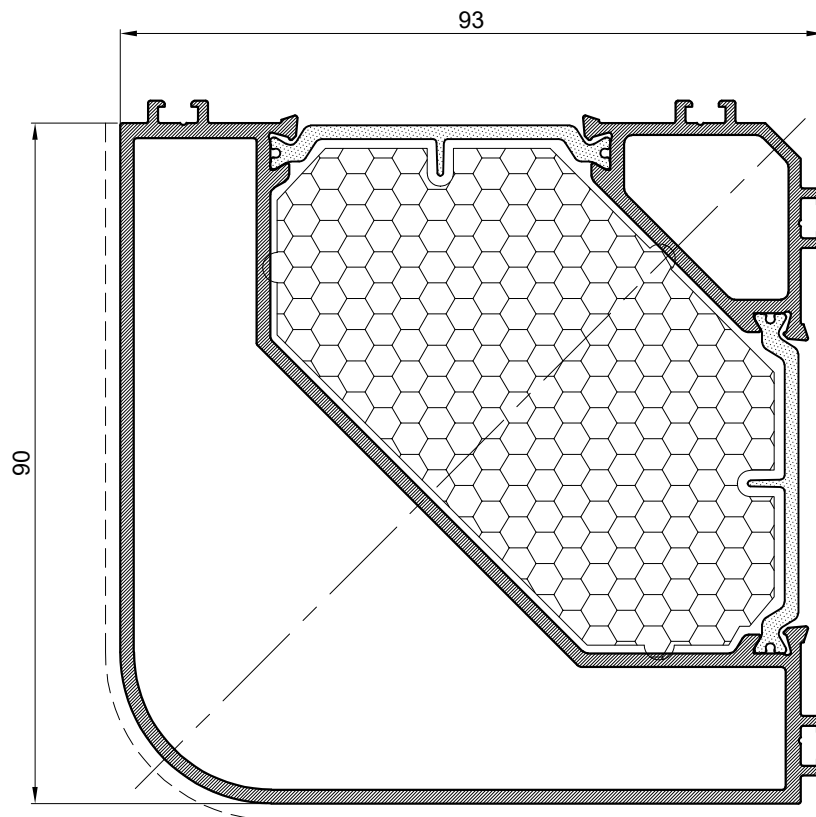


Profil spoja Connection profile		
Art.Br. Art.Nr.	F-1236	
Težina Weight	kg/m'	0.257
Opseg Perimeter	mm	113
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”

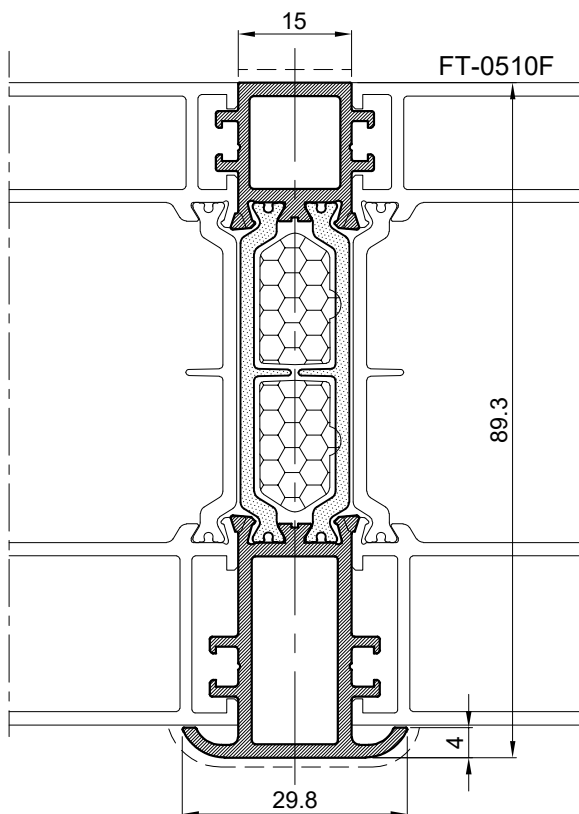


Profil parapet Parapet profile		
Art.Br. Art.Nr.	FT-0543F	
Težina Weight	kg/m'	1.783
Opseg Perimeter	mm	453
Moment inerције Moments of inertia	I _x (cm ⁴)	42.54
	I _y (cm ⁴)	62.39
	W _x (cm ³)	8
	W _y (cm ³)	17.97
L	mm	6500

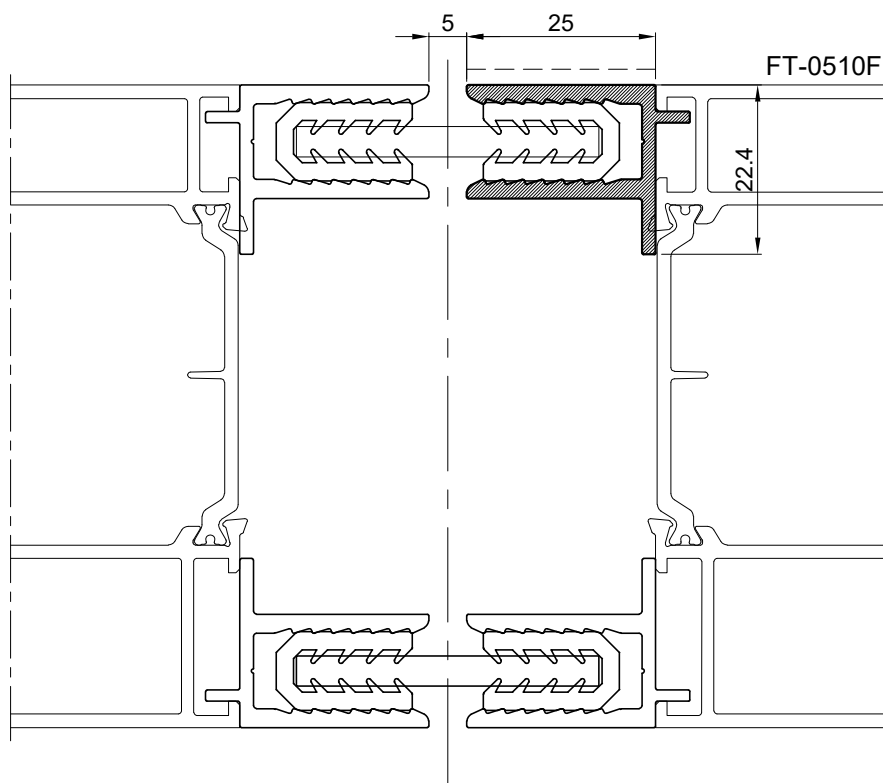


Profil za spoj pod kutem Profile for angle joint		
Art.Br. Art.Nr.	FT-0542F	
Težina Weight	kg/m'	2.398
Opseg Perimeter	mm	420
Moment inercije Moments of inertia	I _x (cm ⁴)	80.36
	I _y (cm ⁴)	88.35
	W _x (cm ³)	18.56
	W _y (cm ³)	18.56
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”

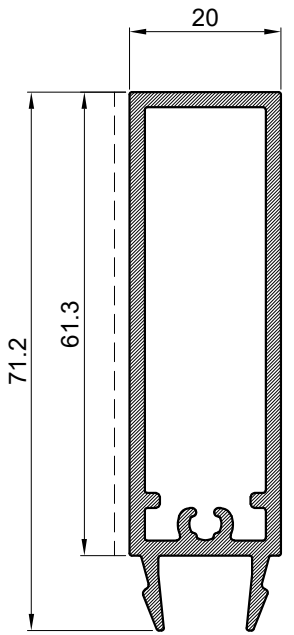


Profil spoja Connection profile		
Art.Br. Art.Nr.	FT-0540F	
Težina Weight	kg/m'	1.195
Opseg Perimeter	mm	521
Moment inerccije Moments of inertia	Ix (cm4)	27.51
	Iy (cm4)	1.6
	Wx (cm3)	7.56
	Wy (cm3)	1.07
L	mm	6500

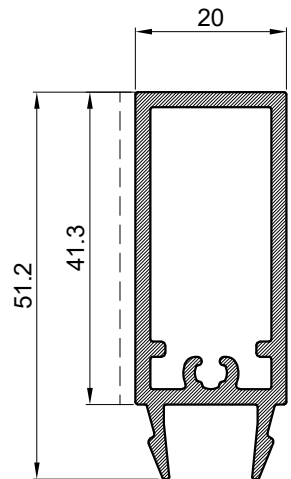


Profil spoja Connection profile		
Art.Br. Art.Nr.	F-1232	
Težina Weight	kg/m'	0.405
Opseg Perimeter	mm	154
L	mm	6500

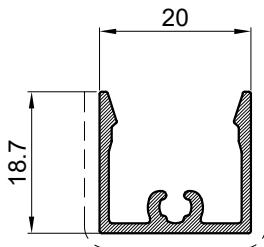
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



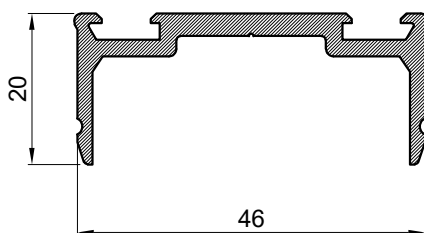
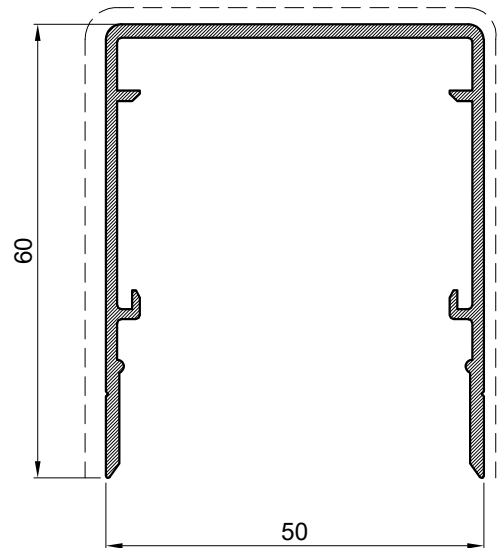
Profil ojačanja prečke Window crossbar reinforcement		
Art.Br. Art.Nr.	NP- 4183	
Težina Weight	kg/m'	0.990
Opseg Perimeter	mm	200
Moment inerције Moments of inertia	I _x (cm ⁴)	18.21
	I _y (cm ⁴)	2.34
	W _x (cm ³)	5.11
	W _y (cm ³)	2.34
L	mm	6500



Profil ojačanja prečke Window crossbar reinforcement		
Art.Br. Art.Nr.	F- 1634	
Težina Weight	kg/m'	0.774
Opseg Perimeter	mm	159.9
Moment inercije Moments of inertia	I _x (cm ⁴)	7,06
	I _y (cm ⁴)	1,69
	W _x (cm ³)	2,69
	W _y (cm ³)	1,69
L	mm	6500

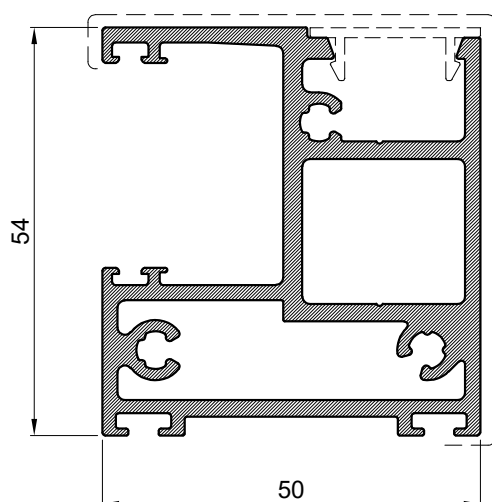


Maska profila ojačanja Reinforcement profile mask		
Art.Br. Art.Nr.	NP-4184	
Težina Weight	kg/m'	0.243
Opseg Perimeter	mm	129
L	mm	6500

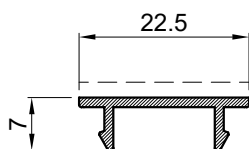


Profil ojačanja Reinforcement profile		
Art.Br. Art.Nr.	FMO 50/20D	
Težina Weight	kg/m'	0.558
Opseg Perimeter	mm	185
L	mm	6500

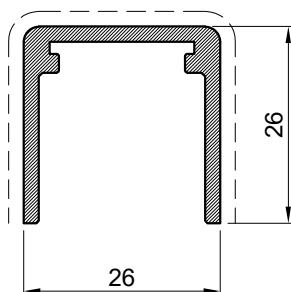
Profil ojačanja Reinforcement profile		
Art.Br. Art.Nr.	FMO 50/61	
Težina Weight	kg/m'	0.785
Opseg Perimeter	mm	365
L	mm	6500



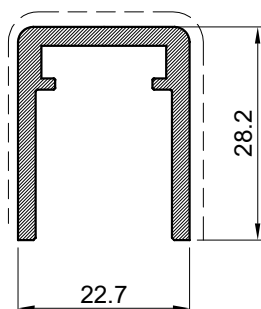
Profil francuskog balkona French balcony profile		
Art.Br. Art.Nr.	F-1569	
Težina Weight	kg/m'	1.78
Opseg Perimeter	mm	357
L	mm	6500



Pokrivni profil Cover profile		
Art.Br. Art.Nr.	F-0826	
Težina Weight	kg/m'	0.117
Opseg Perimeter	mm	70
L	mm	6500

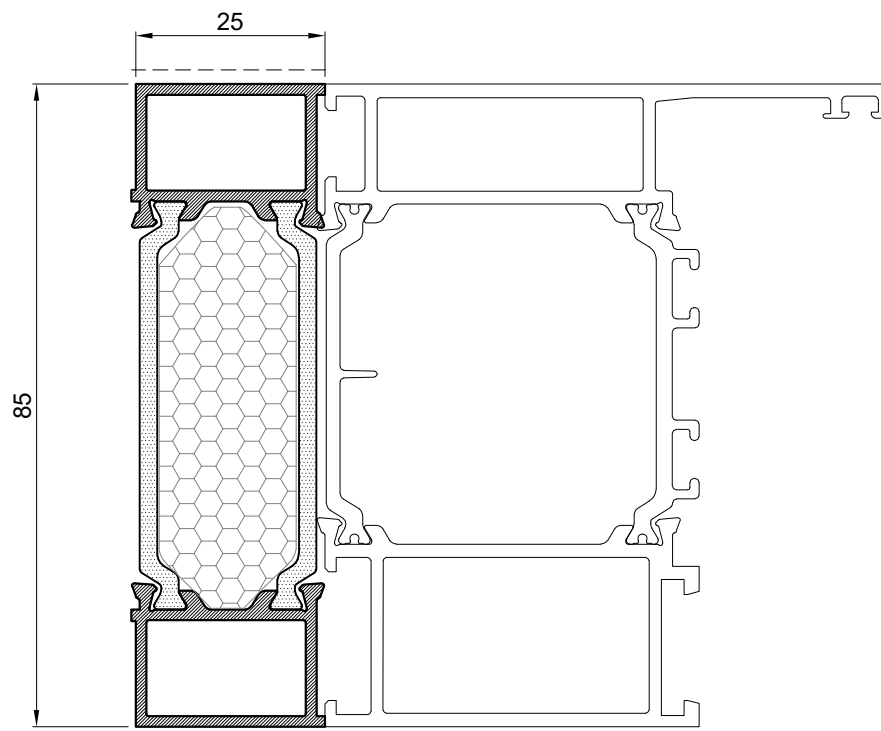


Profil rukovata za 1010.4 Handrail profile for 1010.4		
Art.Br. Art.Nr.	F-1437	
Težina Weight	kg/m'	0.444
Opseg Perimeter	mm	154
L	mm	6500

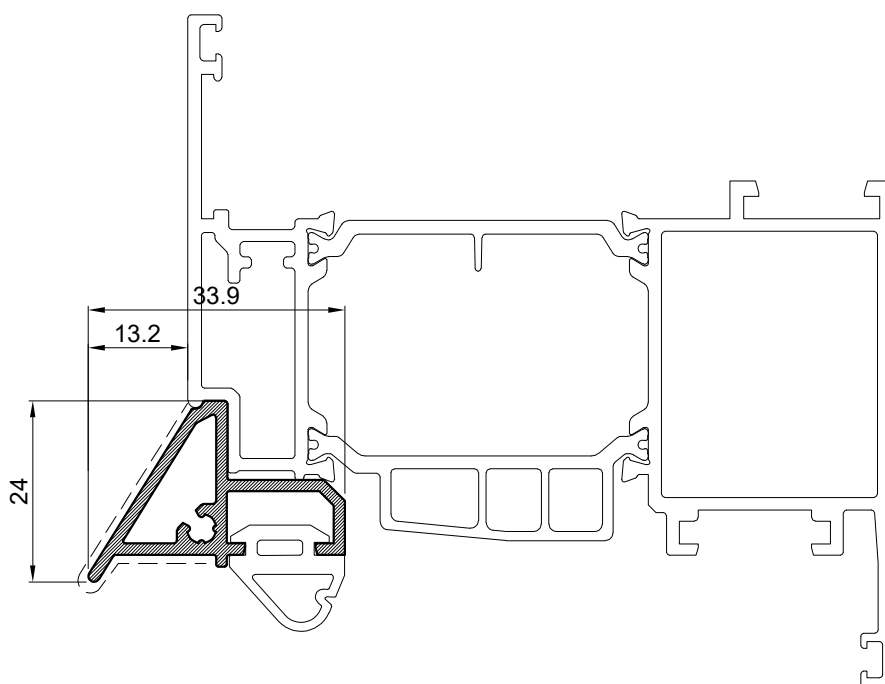


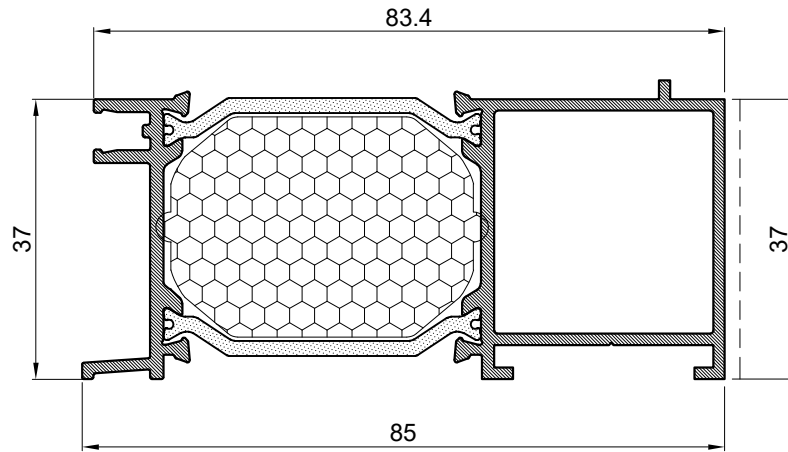
Profil rukovata za 88.4 Handrail profile for 88.4		
Art.Br. Art.Nr.	F-1490	
Težina Weight	kg/m'	0.512
Opseg Perimeter	mm	158
L	mm	6500

Profil za proširenje rama Frame extension profile		
Art.Br. Art.Nr.	FT-0267HF	
Težina Weight	kg/m'	1.036
Opseg Perimeter	mm	236
Moment inerције Moments of inertia	I _x (cm ⁴)	21.04
	I _y (cm ⁴)	2.02
	W _x (cm ³)	6.96
	W _y (cm ³)	1.56
L	mm	6500

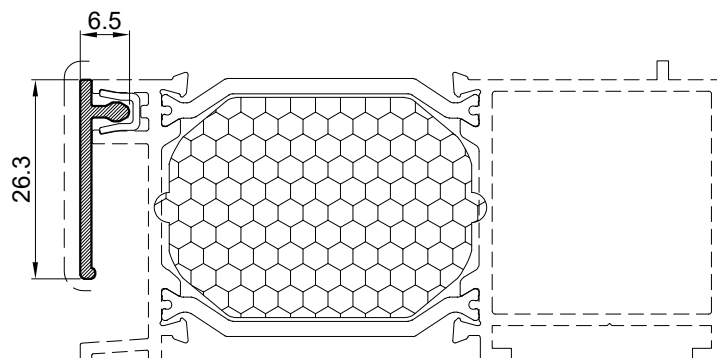


Okapnica		
Art.-Br.	F-1410	
Težina	kg/m	0.395
Opseg	mm	129
Dužina isporuke	mm	6500

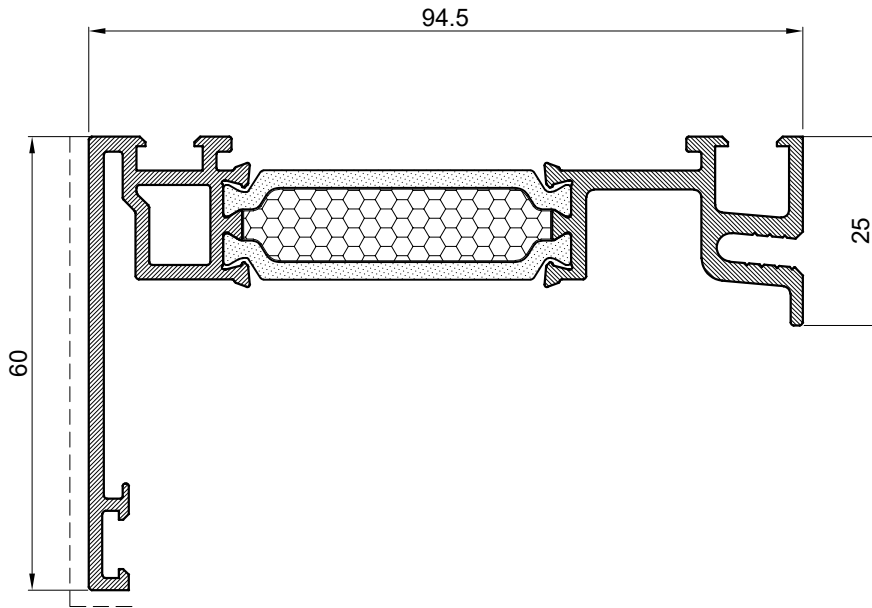




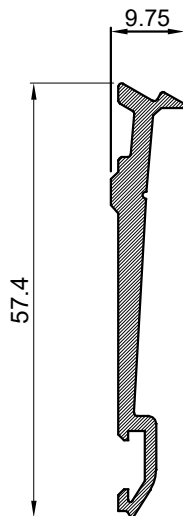
Profil za proširenje Extension profile		
Art.Br. Art.Nr.	FT- 0545F	
Težina Weight	kg/m'	1.259
Opseg Perimeter	mm	309
Moment inercije Moments of inertia	Ix (cm4)	6.57
	Iy (cm4)	24.39
	Wx (cm3)	3.28
	Wy (cm3)	7.1
L	mm	6500



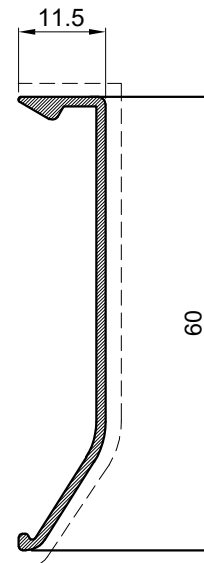
Profil maska Profile mask		
Art.Br. Art.Nr.	F-1552	
Težina Weight	kg/m'	0.133
Opseg Perimeter	mm	66
L	mm	6500



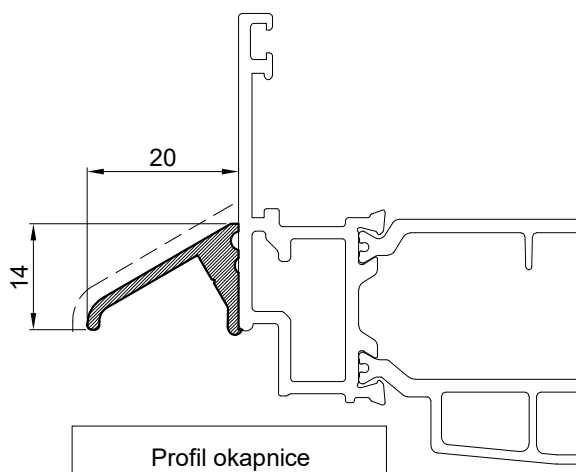
Profil za ugradnju Installation profile		
Art.Br. Art.Nr.	FT-0172	
Težina Weight	kg/m'	1.596
Opseg Perimeter	mm	488
L	mm	6500



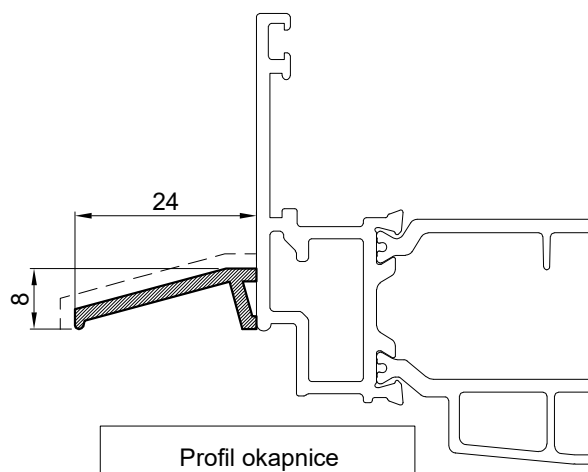
Profil za ugradnju Installation profile		
Art.Br. Art.Nr.	F-1190	
Težina Weight	kg/m'	0.461
Opseg Perimeter	mm	145
L	mm	6500



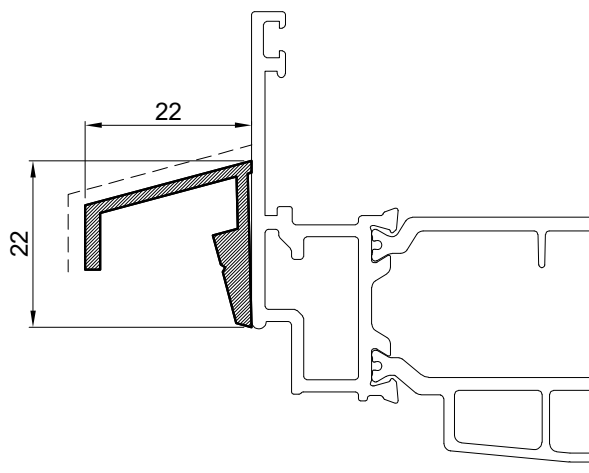
Profil za ugradnju Installation profile		
Art.Br. Art.Nr.	FM-072	
Težina Weight	kg/m'	0.258
Opseg Perimeter	mm	152
L	mm	6500



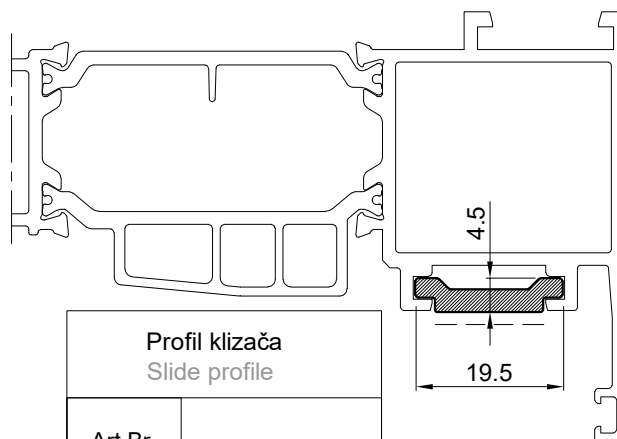
Profil okapnice Drip cap profile		
Art.Br. Art.Nr.	Z40-657	
Težina Weight	kg/m'	0.186
Opseg Perimeter	mm	73
L	mm	6500



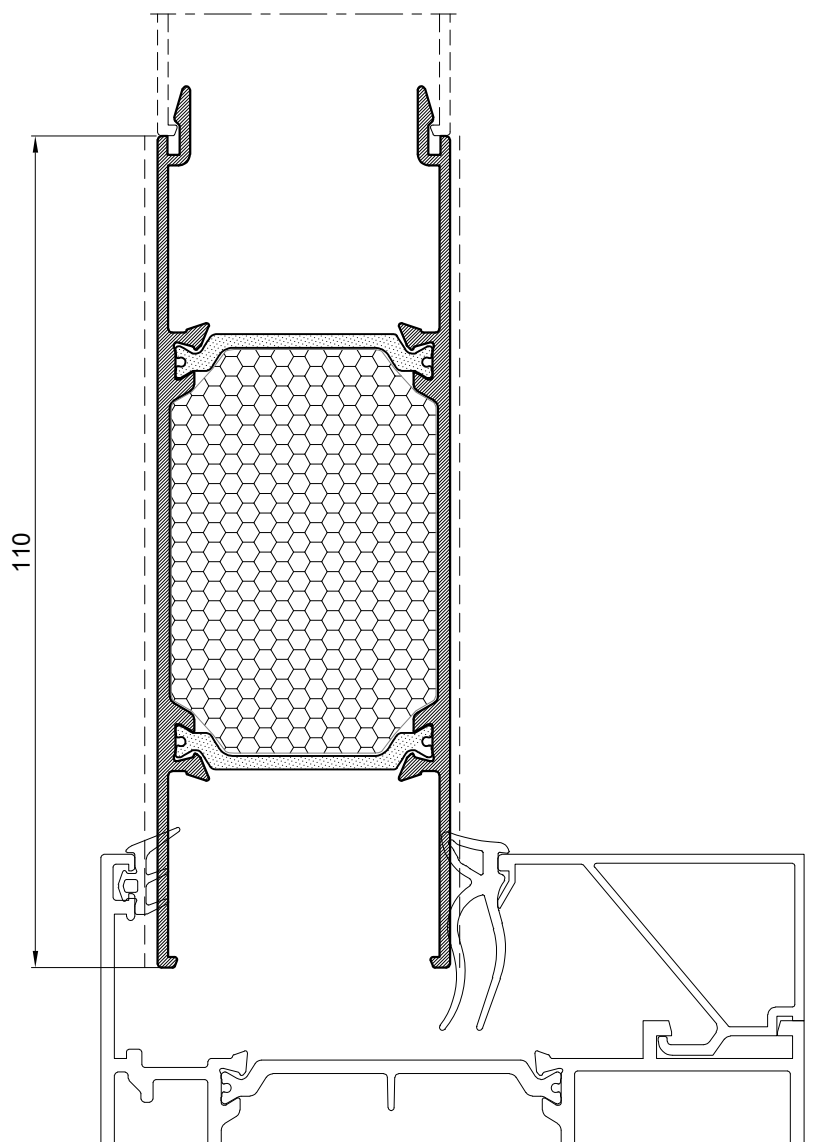
Profil okapnice Drip cap profile		
Art.Br. Art.Nr.	F-0228	
Težina Weight	kg/m'	0.153
Opseg Perimeter	mm	68
L	mm	6500



Profil okapnice Drip cap profile		
Art.Br. Art.Nr.	060 350	
Težina Weight	kg/m'	0.275
Opseg Perimeter	mm	107
L	mm	6500



Profil klizača Slide profile		
Art.Br. Art.Nr.	NC-1459	
Težina Weight	kg/m'	0.161
Opseg Perimeter	mm	48
L	mm	6500

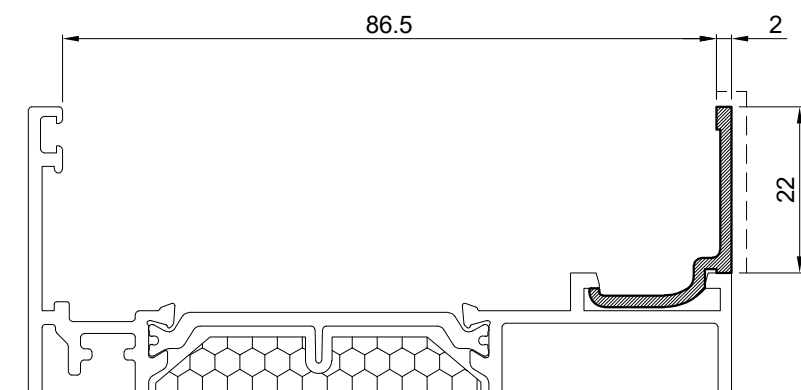
PROFIL ISPUNE U OVISNOSTI O ŠIRINI POLIAMIDA
 INSULATION PROFILE IN DEPENDING ON THE WIDTH POLYAMIDE


PROFIL PROFILE	FT-0142-59F	FT-0142-44F	FT-0142-39F	FT-0142-35F *	FT-0142-33F *
ŠIRINA /mm/ WIDTH/mm/	58.7	43.7	38.7	34.7	32.7
TEŽINA /kg/m/ WEIGHT/kg/m/	1.573	1.453	1.437	1.423	1.413
POLIAMID POLYAMIDE /mm/	54	39	34	30	28
LAJSNA GLAZING BEAD	Z40-666 (20.5 mm)	Z40-669 (35.5 mm)	Z40-670 (40.5 mm)	Z40-669 (35.5 mm)	Z40-670 (40.5 mm)
BRTVE GASKET	321.002 i 311.004	321.002 i 311.004	321.002 i 311.004	321.002 i 311.004	321.002 i 311.003

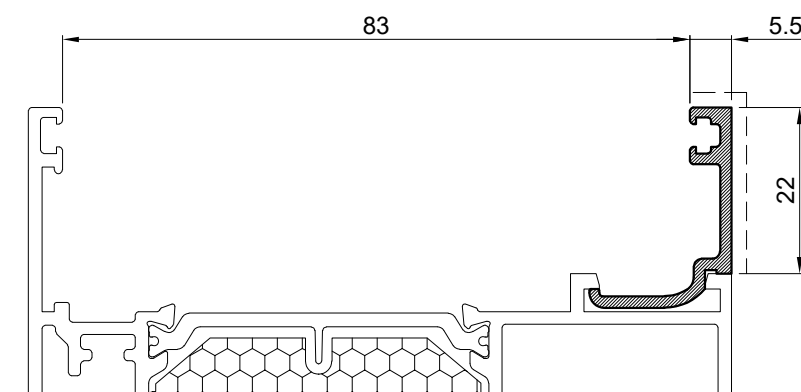
* samo za ispunu u fiksnom dijelu

* only for filling in the fixed part

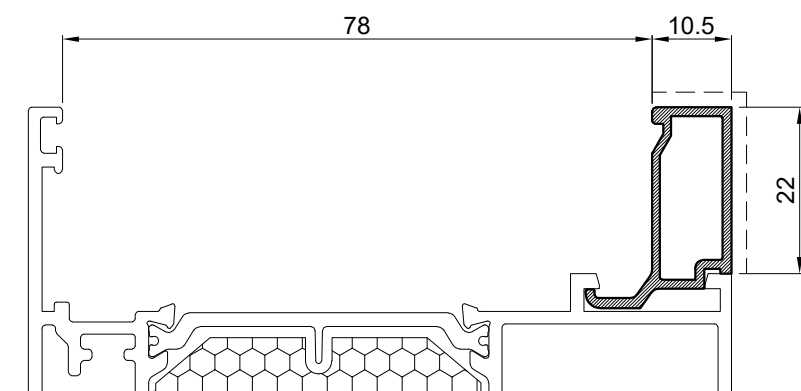
 PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”
 PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



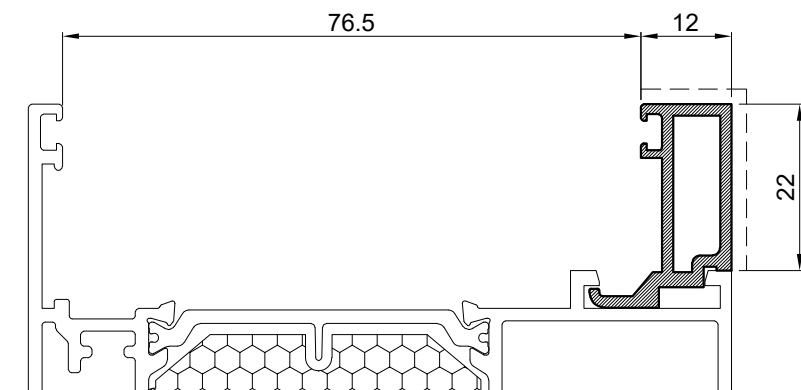
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-660	
Težina Weight	kg/m'	0.179
Opseg Perimeter	mm	89
L	mm	6500



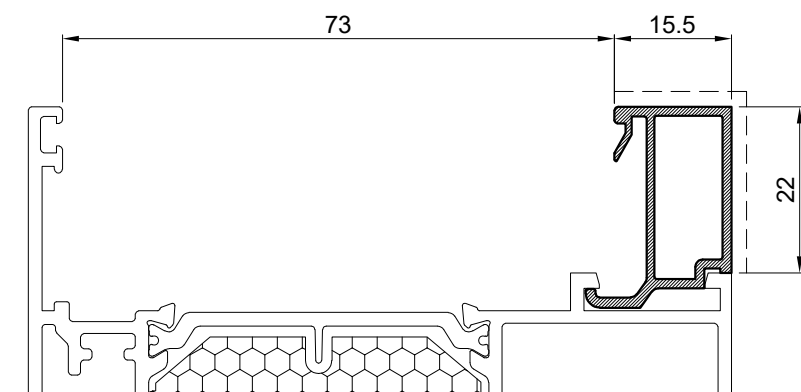
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-656	
Težina Weight	kg/m'	0.215
Opseg Perimeter	mm	107
L	mm	6500



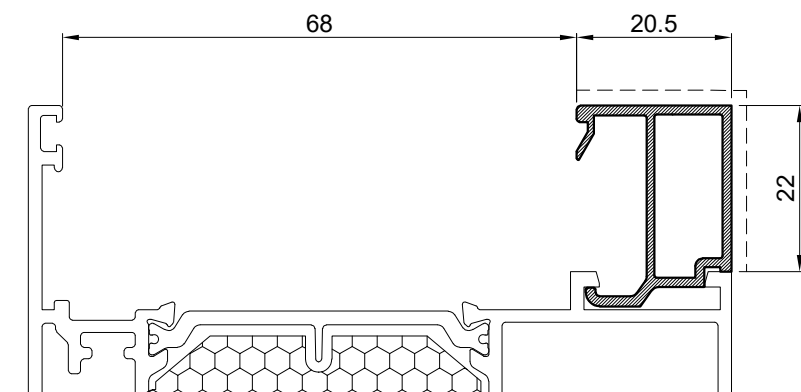
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-664	
Težina Weight	kg/m'	0.243
Opseg Perimeter	mm	93
L	mm	6500



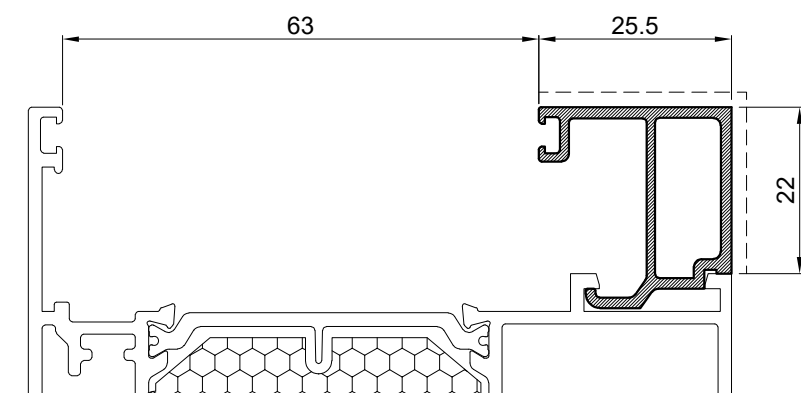
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	F-0784	
Težina Weight	kg/m'	0.330
Opseg Perimeter	mm	105
L	mm	6500



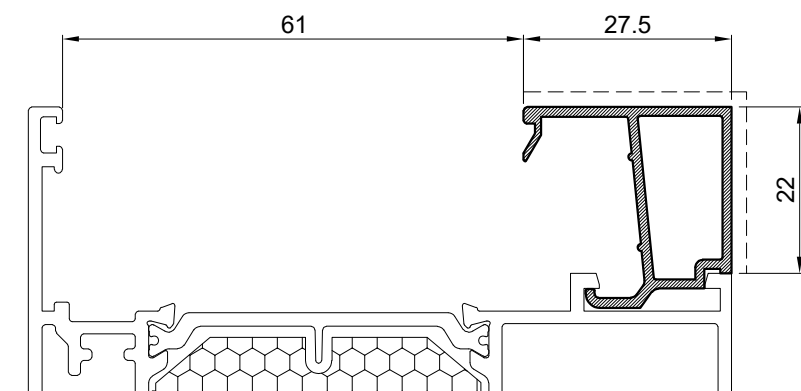
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-665	
Težina Weight	kg/m'	0.272
Opseg Perimeter	mm	112
L	mm	6500



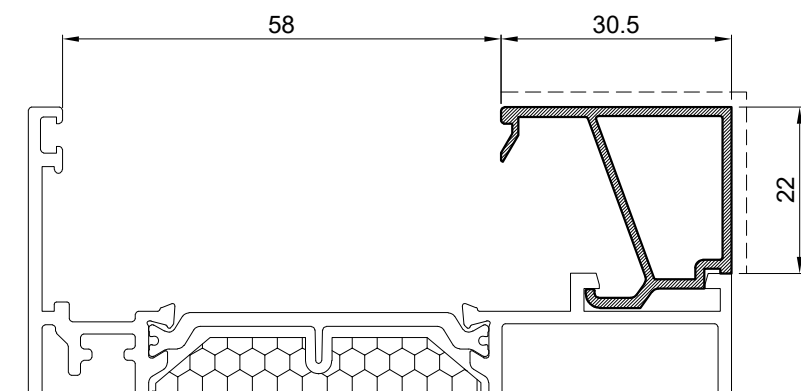
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-666	
Težina Weight	kg/m'	0.289
Opseg Perimeter	mm	122
L	mm	6500



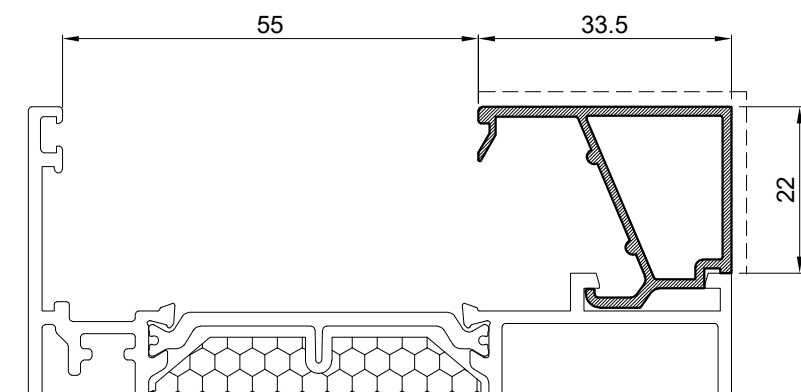
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-667	
Težina Weight	kg/m'	0.358
Opseg Perimeter	mm	139
L	mm	6500



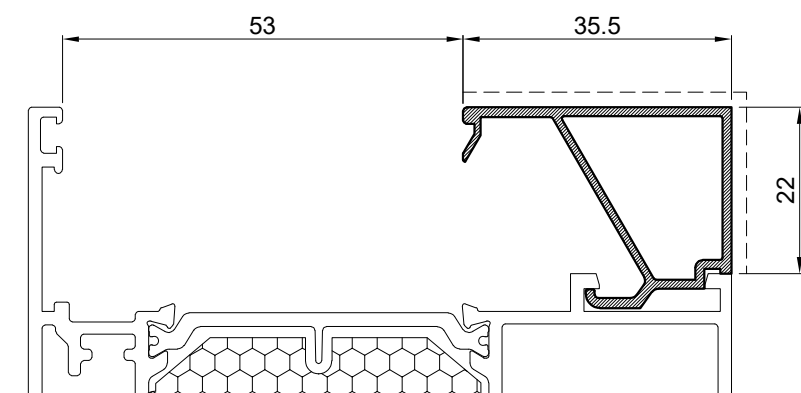
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	F-1575	
Težina Weight	kg/m'	0.327
Opseg Perimeter	mm	133.4
L	mm	6500



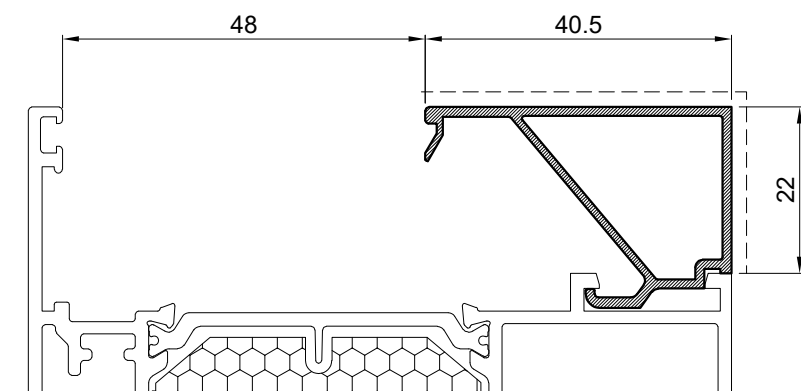
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-668	
Težina Weight	kg/m'	0.326
Opseg Perimeter	mm	135
L	mm	6500



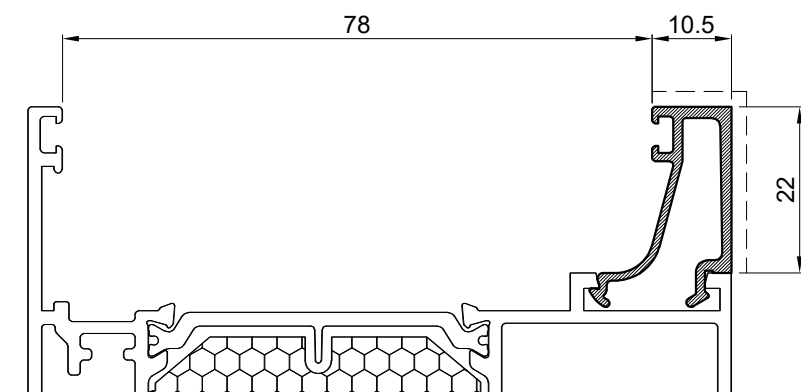
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	F-1590	
Težina Weight	kg/m'	0.346
Opseg Perimeter	mm	142.75
L	mm	6500



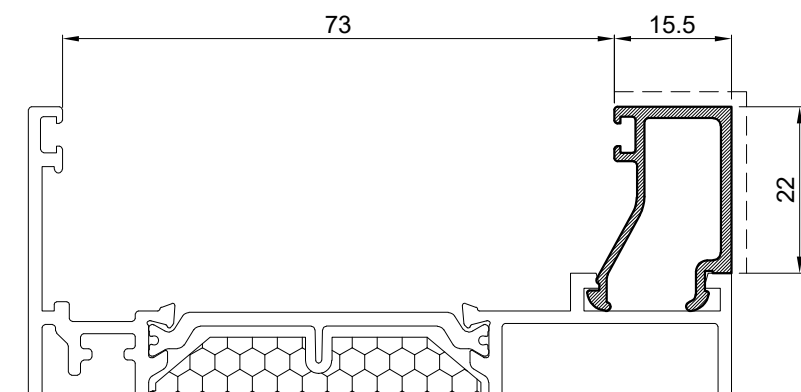
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-669	
Težina Weight	kg/m'	0.347
Opseg Perimeter	mm	143
L	mm	6500



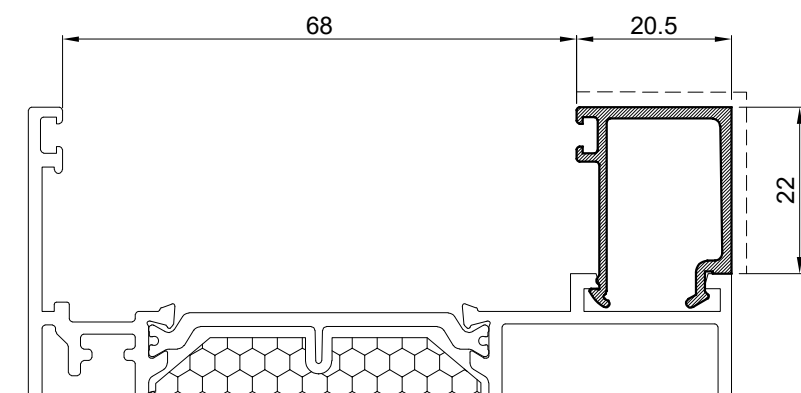
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-670	
Težina Weight	kg/m'	0.373
Opseg Perimeter	mm	150
L	mm	6500



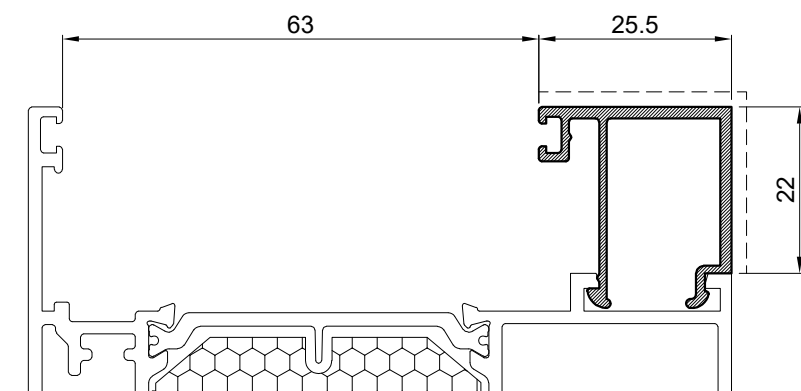
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-636	
Težina Weight	kg/m'	0.261
Opseg Perimeter	mm	151
L	mm	6500



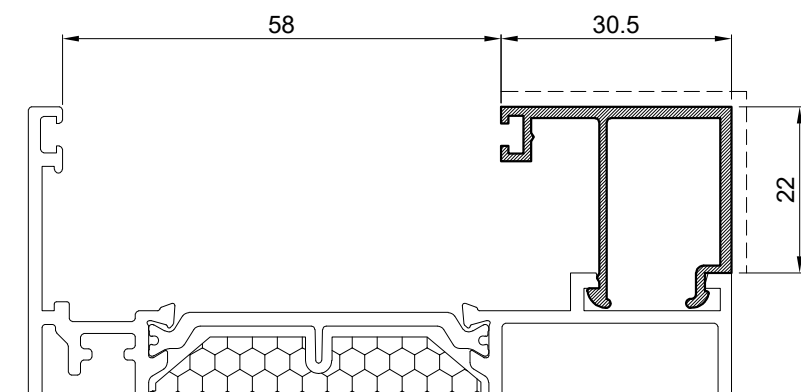
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	M45-709	
Težina Weight	kg/m'	0.270
Opseg Perimeter	mm	156
L	mm	6500



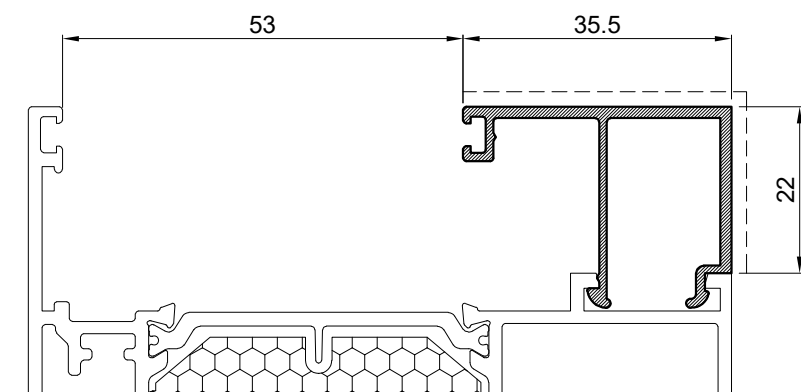
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-644	
Težina Weight	kg/m'	0.275
Opseg Perimeter	mm	162
L	mm	6500



Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-658	
Težina Weight	kg/m'	0.318
Opseg Perimeter	mm	184
L	mm	6500



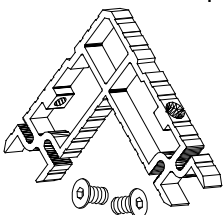
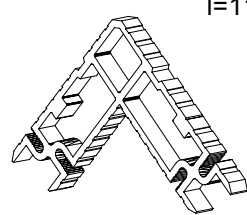
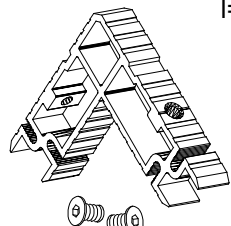
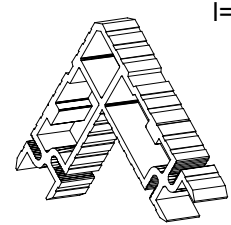
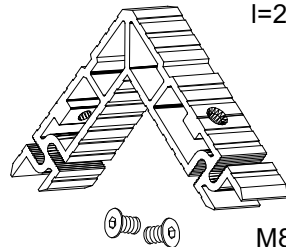
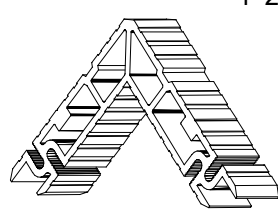
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-653	
Težina Weight	kg/m'	0.348
Opseg Perimeter	mm	196
L	mm	6500

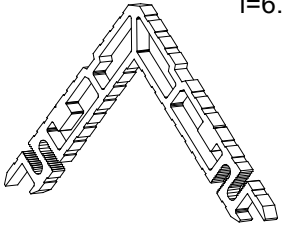
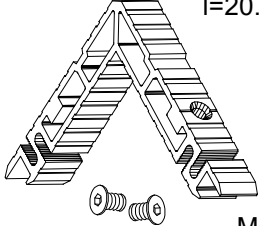
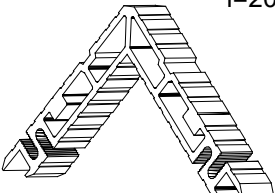
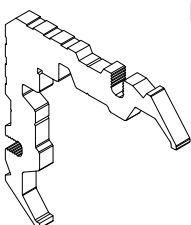
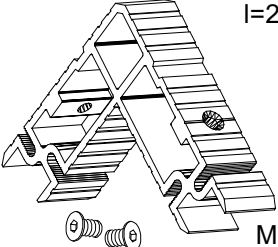
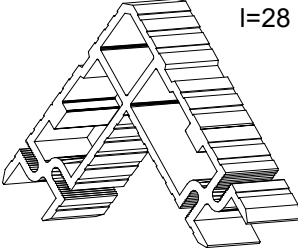


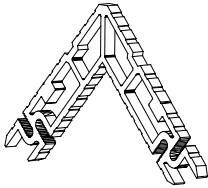
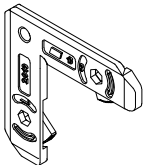
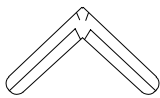
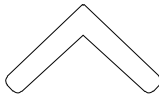
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-659	
Težina Weight	kg/m'	0.359
Opseg Perimeter	mm	204
L	mm	6500

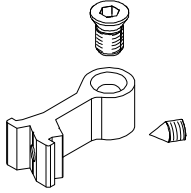
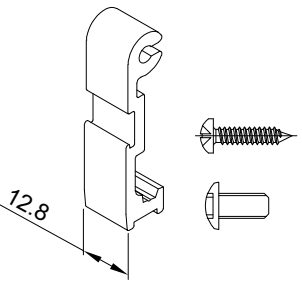
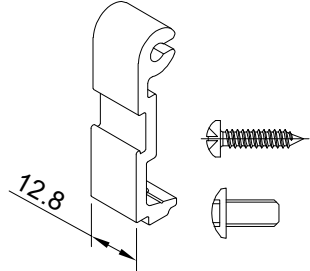
Vezni elementi

Connection elements

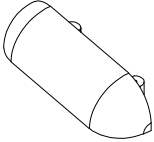
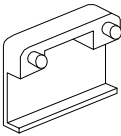
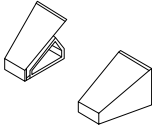
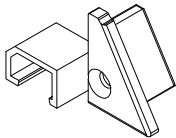
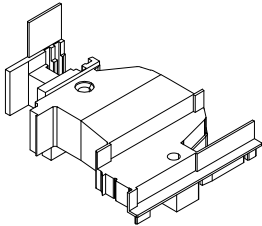
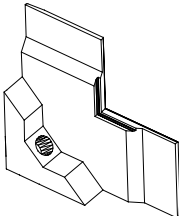
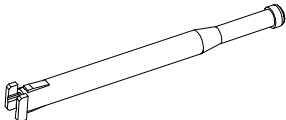
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
710.090	 l=11.8 mm M8x13	- Kutna spojnica za komoru 12.35x35.2 - Za profil FT-0510F - Corner bracket for chamber 12.35x35.2 - For profile FT-0510F	Al.	
710.091	 l=11.8 mm	- Kutna spojnica za komoru 12.35x35.2 - Za profil FT-0510F - Corner bracket for chamber 12.35x35.2 - For profile FT-0510F	Al.	
710.118	 l=20 mm M8x13	- Kutna spojnica za komoru 20.6x35.2 - Za profil FT-0510F - Corner bracket for chamber 20.6x35.2 - For profile FT-0510F	Al.	
710.119	 l=20 mm	- Kutna spojnica za komoru 20.6x35.2 - Za profil FT-0510F - Corner bracket for chamber 20.6x35.2 - For profile FT-0510F	Al.	
710.128	 l=28mm M8x13	- Kutna spojnica za komoru 28.55x25.2 - Za profil FT-0520F - Corner bracket for chamber 28.55x25.2 - For profile FT-0520F	Al.	
710.127	 l=28mm	- Kutna spojnica za komoru 28.55x25.2 - Za profil FT-0520F - Corner bracket for chamber 28.55x25.2 - For profile FT-0520F	Al.	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
710.129	 l=6.8mm	- Kutna spojnica za komoru 7.25x18.9 - Za profil FT-0520F - Corner bracket for chamber 7.25x18.9 - For profile FT-0520F	Al.	
710.138	 l=20.1 mm M8x13	- Kutna spojnica za komoru 20.6x19 - Za profil FT-0512F - Corner bracket for chamber 20.6x19 - For profile FT-0512F	Al.	
710.137	 l=20.1 mm	- Kutna spojnica za komoru 20.6x19 - Za profil FT-0512F - Corner bracket for chamber 20.6x19 - For profile FT-0512F	Al.	
725.027	 l=6.3 mm	- Kutna spojnica za komoru 6.7x16.5 - Za profil FT-0512F - Corner bracket for chamber 6.7x16.5 - For profile FT-0512F	Al.	
710.158	 l=28 mm M8x13	- Kutna spojnica za komoru 28.55x35.2 - Za profil FT-0521F - Corner bracket for chamber 28.55x35.2 - For profile FT-0521F	Al.	
710.159	 l=28 mm	- Kutna spojnica za komoru 28.55x35.2 - Za profil FT-0521F - Corner bracket for chamber 28.55x35.2 - For profile FT-0521F	Al.	

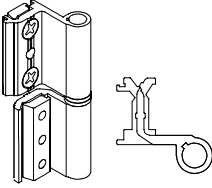
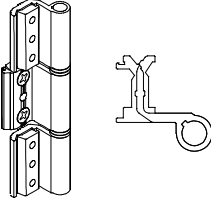
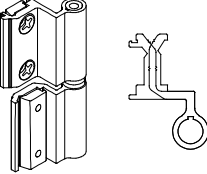
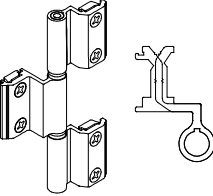
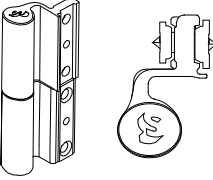
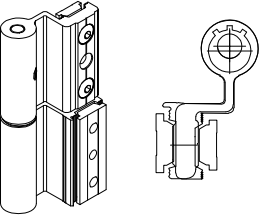
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
710.157	 l=6.8 mm	- Kutna spojnica za komoru 7.25x25.2 - Za profil FT-0521F - Corner bracket for chamber 7.25x25.2 - For profile FT-0521F	Al.	
731.010		- Kutna spojnica za komoru 1.6x19.1 - Za profile krila - Corner bracket for chamber 1.6x19.1 - For sash profiles	Al.	
730.001		- Pomoćna kutna spojnica za komoru 2x4.8 - Za profile krila i rama - Corner auxiliary bracket for chamber 2x4.8 - For sash and frame profiles	Inox	
730.002		- Pomoćna kutna spojnica za komoru 2x4.8 - Za profile rama - Corner bracket for chamber 2x4.8 - For frame profiles	Inox	

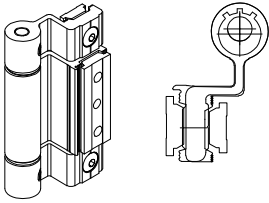
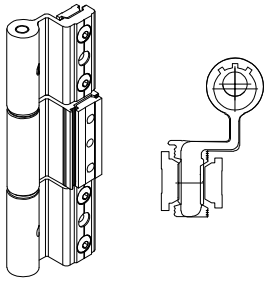
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
710.066	 M8x13 M6x10	- Veznik (L=14.7mm) - Connector (L=14.7mm)	Al.	
710.079	 12.8	-Dodatni veznik za ram i prečku prema ramu FT-0510F i prečki FT-0531F i FT-0532F - Additional connector for frame and crossbar according frame FT-0510F and crossbar FT-0531F i FT-0532F	Al.	
710.171	 12.8	- Dodatni veznik za krila FT-0520F i FT-0521F prema prečki FT-0534F - Additional connector for sashes FT-0520F and FT-0521F according crossbar FT-0534F	Al.	

PVC elementi PVC elements

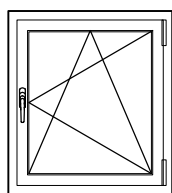
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
370.070.01 03		- Maska sa klapnom za drenažni otvor - Oznaka proizvođača Master: 2145 - Boje: 01- bijela; 03- crna - Drainage slot mask with a flap - Manufacturer code Master: 2145 - Color: 01- white; 03- black	PVC	
373.003.01 02 03		- Maska za drenažni otvor - Boje: 01- bijela; 02-siva; 03- crna - Drainage slot mask - Color: 01- white; 02- gray; 03- black	PVC	
373.002		- Umetak za profil okapnice Z40-657 - End insert for drip cap profile Z40-657	PVC	
373.034		- Umetak za profil okapnice F-1410 - End insert for drip cap profile F-1410	PVC	
365.047		- Umetak profila za okretanje FT-0530F - End insert for flaying mullion profile FT-1451F	Tvrda guma Hard rubber	
373.031		- PVC umetak za spoj dva rama FT-0400 - PVC insert for joining two frames FT-0400	PVC	
360.009		- Sustav odvodnje kapljevina Monodrain - Drainage system Monodrain		

Mehanizmi Mechanisms

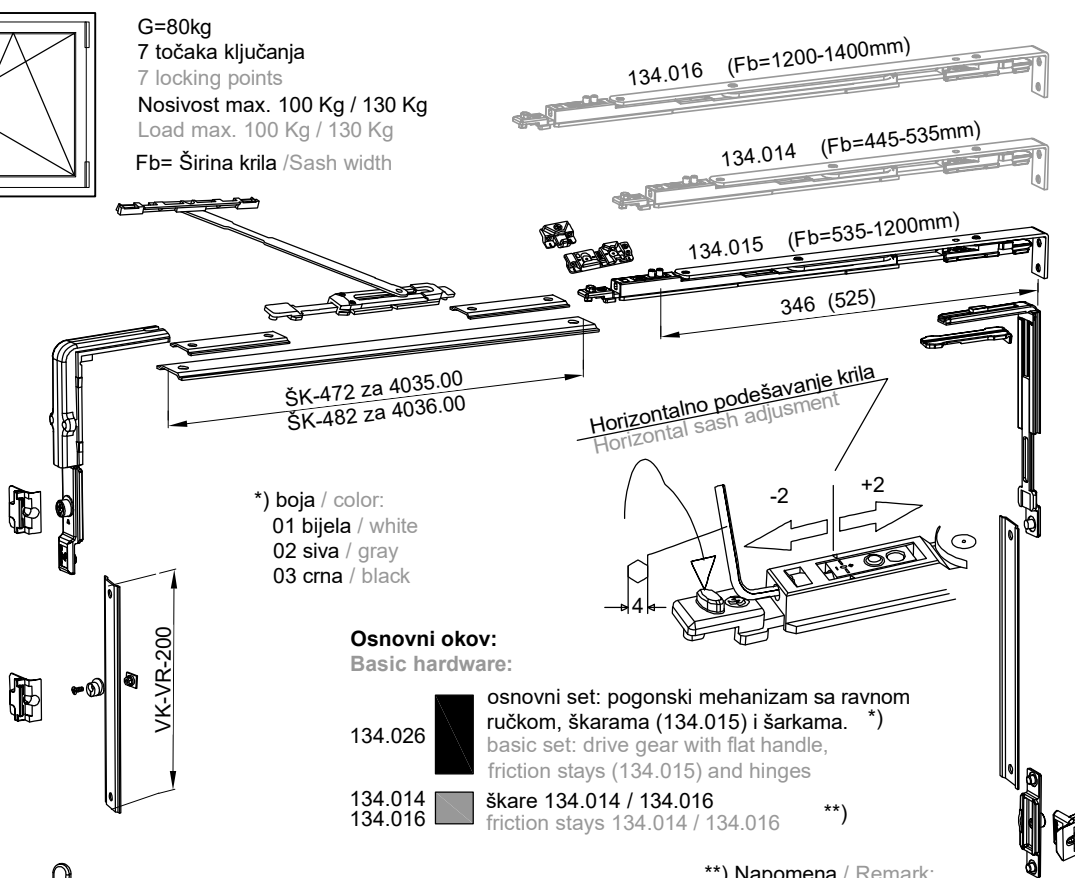
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge EURO GROOVE - Color: 01- white; 02 - gray;03 - black		
111.002.01 02 03		- Trodjelna šarka EURO ŽLIJEB - Boje: 01- bijela; 02 - siva;03 - crna - Three-part hinge EURO GROOVE - Color: 01- white; 02 - gray;03 - black		
111.003.01 02 03		- Dvodijelna šarka-vani EURO ŽLIJEB - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge-outside EURO GROOVE - Color: 01- white; 02 - gray;03 - black		
111.004.01 02 03		- Trodjelna šarka-vani EURO ŽLIJEB - Boje: 01- bijela; 02 - siva;03 - crna - Three-part hinge-outside EURO GROOVE - Color: 01- white; 02 - gray;03 - black		
114.001.01 02 03		- Dvodijelna šarka-EURO ŽLIJEB - Oznaka proizvođača Stublina: 2006.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge-EURO GROOVE - Manufacturer code Stublina: 2006.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		
114.004.01 02 03		- Dvodijelna šarka-EURO ŽLIJEB - Oznaka proizvođača Stublina: 2024.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge-EURO GROOVE - Manufacturer code Stublina: 2024.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
114.005.01 02 03		- Trodijelna šarka-<i>EURO ŽLIJEB</i> - Oznaka proizvođača Stublina: 2129.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Three-part hinge-<i>EURO GROOVE</i> - Manufacturer code Stublina: 2129.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		
114.006.01 02 03		- Trodijelna šarka-<i>EURO ŽLIJEB</i> - Oznaka proizvođača Stublina: 2124.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Three-part hinge-<i>EURO GROOVE</i> - Manufacturer code Stublina: 2124.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		

OTKLOPNO-ZAOKRETNI MEHANIZAM - STUBLINA (art.4135.00) TILT-TURN MECHANISM - STUBLINA (art.4135.00)



G=80kg
7 točaka ključanja
7 locking points
Nosivost max. 100 Kg / 130 Kg
Load max. 100 Kg / 130 Kg
Fb= Širina krila / Sash width



*) boja / color:
01 bijela / white
02 siva / gray
03 crna / black

Osnovni okov: Basic hardware:

- 134.026 osnovni set: pogonski mehanizam sa ravnom ručkom, škarama (134.015) i škarkama. *)
basic set: drive gear with flat handle, friction stays (134.015) and hinges
- 134.014 škare 134.014 / 134.016
134.016 friction stays 134.014 / 134.016 **)

**) Napomena / Remark:

- Škare 134.015 (za širinu krila Fb=535-1200mm) se nalaze u osnovnom setu (134.000).
- Škare za veće ili manje širine krila od 535-1200mm se posebno biraju
- Friction stays 134.015 (for sash width Fb=535-1200mm) are in the basic set (134.000).
- Friction stays for larger or smaller widths from 535-1200mm are specially selected

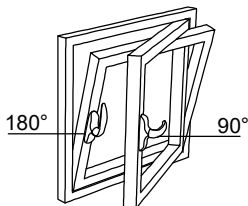
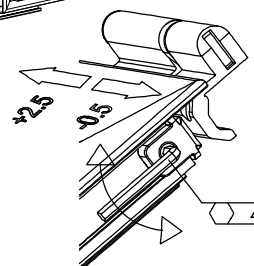
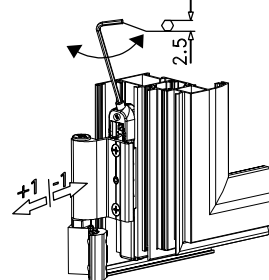
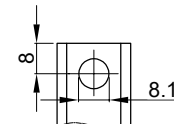
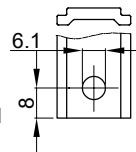
Dodatni okov:

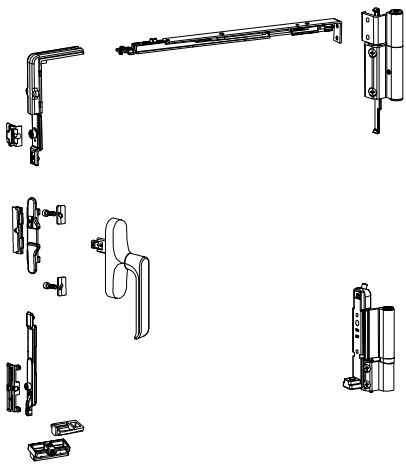
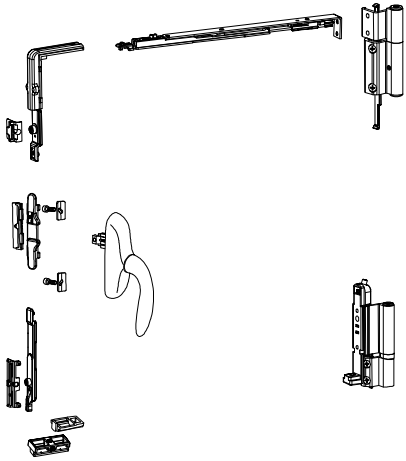
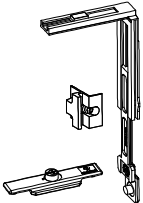
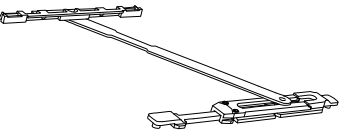
Additional hardware:

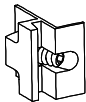
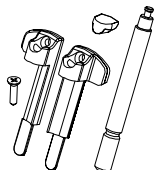
- 134.002 dodatni set ključanja po širini i visini
additional set for horizontal and vertical locking
- 134.003 dodatne škare za krila većih dimenzija
additional friction stays for sash with larger sizes
- 134.004 dodatno ključanje
134.005 additional locking
- 134.024 dodatni umetak gornje šarke za nosivost do 130kg
additional upper hinge insert for weight load up to 130kg
- klizač
slide profile

Na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju:
On the ends of driving rails drill holes according to the detail dimensions:

Ako se koriste adapteri na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju:
If the adaptors are used, on the ends of driving rails drill holes according to the detail dimensions:



Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
134.026.01 02 03		- Osnovni set: Otklopno-zaokretni mehanizam - Oznaka proizvođača Stublina: 4135.00 - Boje: 01- bijela; 02 - siva;03 - crna - Škare (134.015) za širinu krila od 535-1200 mm (ručka ravna; donja šarka ima podešavanje u dvije osi) - Basic set: Tilt and turn mechanism -(dry kip) - Manufacturer code Stublina: 4135.00 - Color: 01- white; 02 - gray;03 - black - Friction stays (134.015) for sash width from 535 to 1200 mm. (flat handle; lower hinge has two-axial adjustment)		Razlika između ova dva navedena osnovna seta je samo u ručki. 134.026 - osnovni set sa ravnom ručkom; 134.025 - osnovni set sa zaobljenom ručkom. Difference between these two basic sets is only in the handle. 134.026 - basic set with flat handle; 134.025 - basic set with rounded handle.
134.025.01 02 03		- Osnovni set: Otklopno-zaokretni mehanizam - Oznaka proizvođača Stublina: 4035.00 - Boje: 01- bijela; 02 - siva;03 - crna - Škare (134.015) za širinu krila od 535-1200 mm (ručka zaobljena; donja šarka ima podešavanje u dvije osi) - Tilt and turn mechanism -(dry kip) - Manufacturer code Stublina: 4035.00 - Color: 01- white; 02 - gray;03 - black - Friction stays (134.015) for sash width from 535 to 1200 mm. (rounded handle; lower hinge has two-axial adjustment)		
134.002		- Dodatni set ključanja po širini i visini - Oznaka proizvođača Stublina: 4010.40 - Additional set for horizontal and vertical locking - Manufacturer code Stublina: 4010.40	AlSi Zamak	
134.003		- Pomoćne (dodatne) škare za krila većih dimenzija (za širine L=1200-1600mm) - Oznaka proizvođača Stublina: 4010.50 - Auxiliary (extra) friction stays for sash with larger sizes (for width L=1200 to 1600mm) - Manufacturer code Stublina: 4010.50		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
134.004		- Dodatno ključanje-prihvatnik tuljca - Oznaka proizvođača Stublina: 4010.03 - Eccentric pin guide for additional locking - Manufacturer code Stublina: 4010.03		
134.005		- Dodatno ključanje-tuljac - Oznaka proizvođača Stublina: 4010.27 - Eccentric pin for additional locking - Manufacturer code Stublina: 4010.27		
134.024		- Dodatni umetak gornje šarke za nosivost do 130kg - Oznaka proizvođača Stublina: 4018.30.50U - Additional upper hinge insert for weight load up to 130kg - Manufacturer code Stublina: 4018.30.50U		

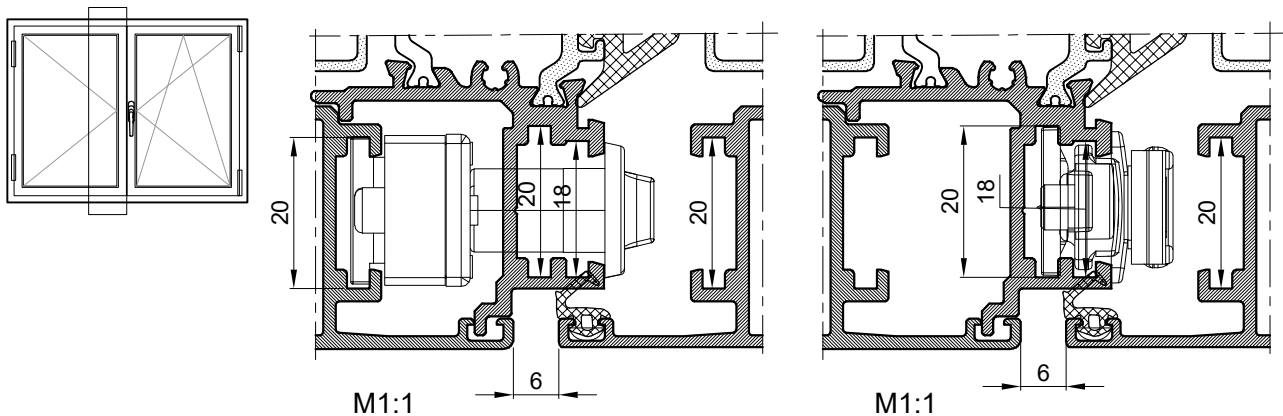
- Tabelarni prikaz osnovnog seta u zavisnosti od širine krila i tipu ručke: Otklopno-zaokretni mehanizam
 - Table view basic set depending upon sash width and hand type Tilt and turn mechanism -(dry kip)

Oznaka osnovnog seta Code basic set	Tip ručke Handle type	Škare za širinu krila Friction stays for sash width	Oznaka proizvođača Stublina Manufacturer code Stublina
134.026.01 -bijela /white .02 -siva /gray .03 -crna /black	ravna ručka flat handle	535-1200 mm	4135.00.310 4135.00.315 4135.00.313
134.030.01 -bijela /white .02 -siva /gray .03 -crna /black	ravna ručka flat handle	445-535 mm	4136.00.310 4136.00.315 4136.00.313
134.031.01 -bijela /white .02 -siva /gray .03 -crna /black	ravna ručka flat handle	1200-1400 mm	4137.00.310 4137.00.315 4137.00.313
134.032.01 -bijela /white .02 -siva /gray .03 -crna /black	ravna ručka flat handle	375-535 mm	4138.00.310 4138.00.315 4138.00.313
134.025.01 -bijela /white .02 -siva /gray .03 -crna /black	zaobljena ručka rounded handle	535-1200 mm	4035.00.310 4035.00.315 4035.00.313
134.033.01 -bijela /white .02 -siva /gray .03 -crna /black	zaobljena ručka rounded handle	445-535 mm	4036.00.310 4036.00.315 4036.00.313
134.034.01 -bijela /white .02 -siva /gray .03 -crna /black	zaobljena ručka rounded handle	1200-1400 mm	4037.00.310 4037.00.315 4037.00.313
134.035.01 -bijela /white .02 -siva /gray .03 -crna /black	zaobljena ručka rounded handle	375-535 mm	4038.00.310 4038.00.315 4038.00.313

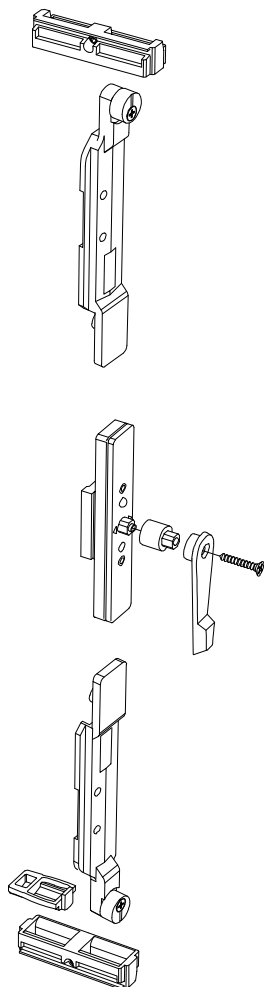
Napomena / Remark:

donja šarka kod svih gore navedenih osnovni setova ima podešavanje u dvije osi
 lower hinge in all above listed basic sets has two-axial adjusment

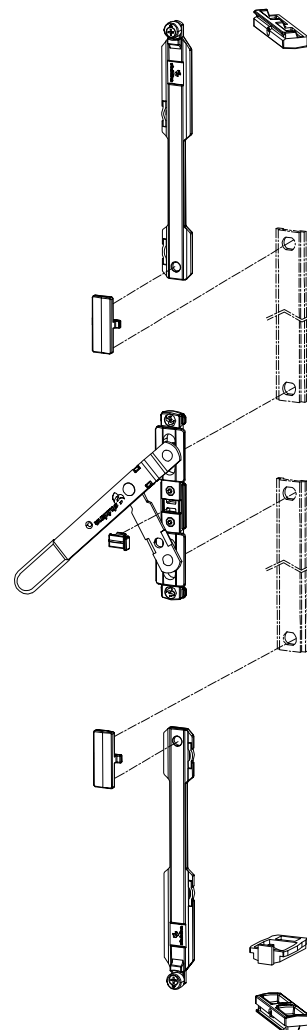
OKOV ZA FIKSIRANJE POMOĆNOG KRILA - STUBLINA LOCKING MECHANISM FOR AUXILIARY SASH - STUBLINA

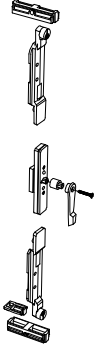
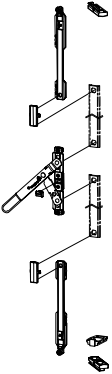
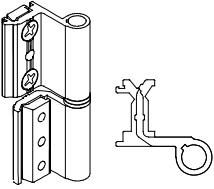
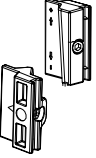


- **134.017** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Stublina: 4005.00
- **134.017** Locking mechanism for auxiliary sash in two points (mechanism in the sash)
- Manufacturer code Stublina: 4005.00

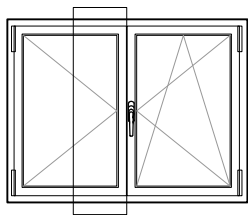


- **134.029** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu)
- Oznaka proizvođača Stublina: 4106.00
- **134.029** Locking mechanism for auxiliary sash in two points (mechanism in the flying mullion)
- Manufacturer code Stublina: 4106.00

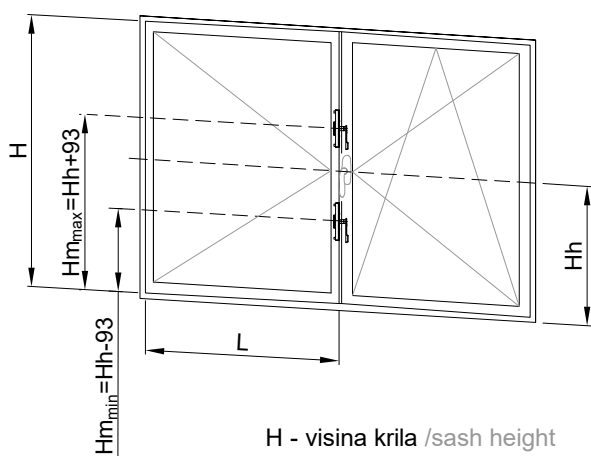
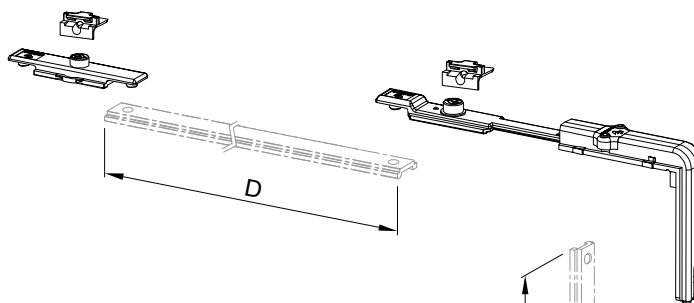
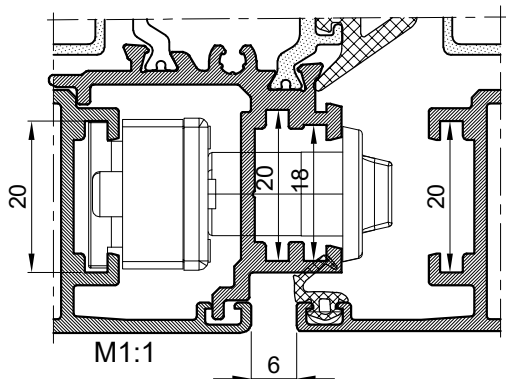


Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
134.017		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo) - Oznaka proizvođača Stublina: 4005.00 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Stublina: 4005.00		
134.029		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu) - Oznaka proizvođača Stublina: 4106.00 - Locking mechanism for auxiliary sash in two points (mechanism in the flying mullion) - Manufacturer code Stublina: 4106.00		
134.001		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu) - Oznaka proizvođača Stublina: 4001.00 - Locking mechanism for auxiliary sash in two points (mechanism in the flying mullion) - Manufacturer code Stublina: 4001.00		
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Stara oznaka E-100 - Boje: 01- bijela; 02 - siva; 03 - crna - Two-part hinge EURO GROOVE - Former code E-100 - Color: 01- white; 02 - gray; 03 - black		
134.023		- Dodatno (pasivno) ključanje - Oznaka proizvođača Stublina: 4045.00 - Additional (passive) locking - Manufacturer code Stublina: 4045.00		

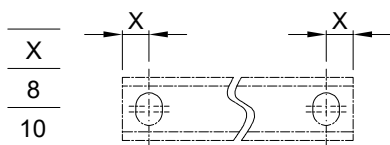
OKOV ZA FIKSIRANJE POMOĆNOG KRILA - STUBLINA LOCKING MECHANISM FOR AUXILIARY SASH - STUBLINA



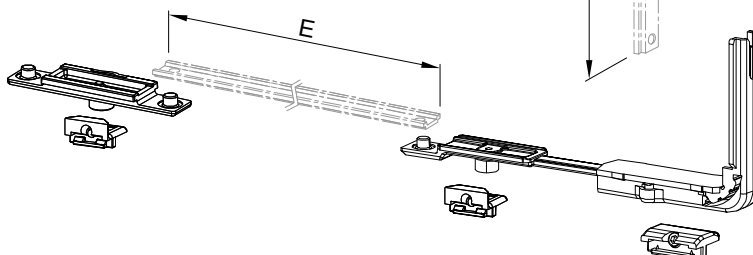
- **134.036** Okov za fiksiranje pomoćnog krila u više točaka (montiranje okova u krilo)
- Oznaka proizvođača Stublina: 4005.40
- **134.036** Locking mechanism for auxiliary sash in multiple points (mechanism in the sash)
- Manufacturer code Stublina: 4005.40

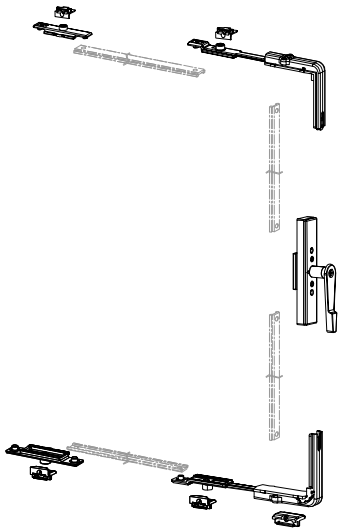
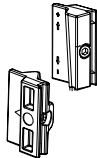
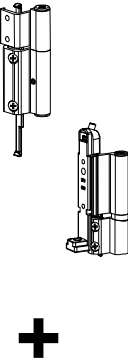
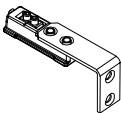
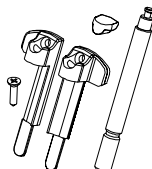


H - visina krila /sash height
L - širina krila /sash width
Hm - položaj pogonskog mehanizma
position drive gear
Hh - položaj pogonske ručke
position drive handle



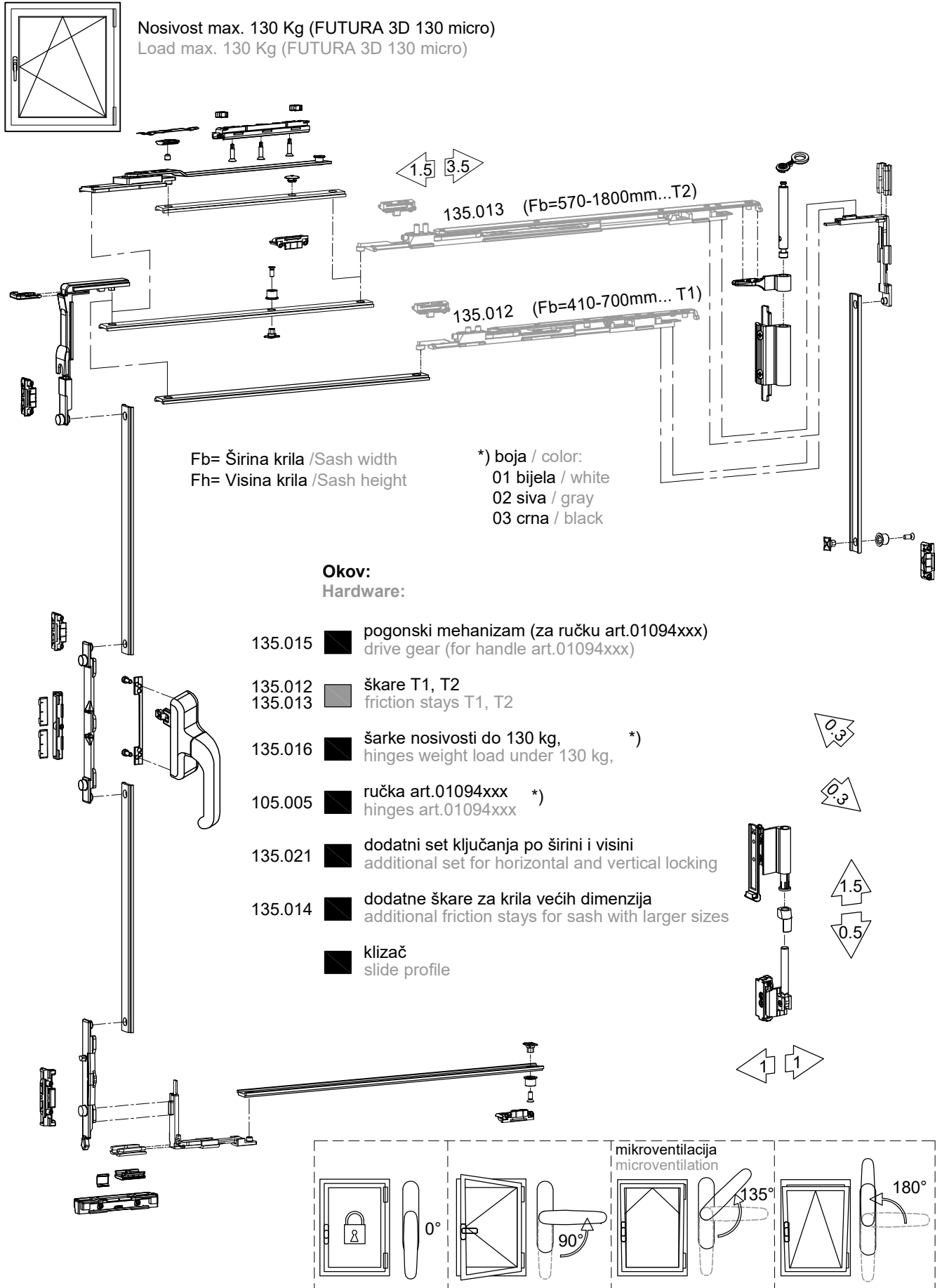
$$\begin{aligned} C &= Hm - 110 + 2X \\ B &= H - Hm - 110 + 2X \\ D &= L/2 - 192 + 2X \\ E &= L/2 - 192 + 2X \end{aligned}$$

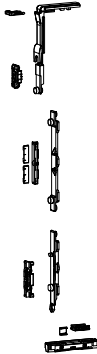
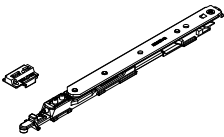
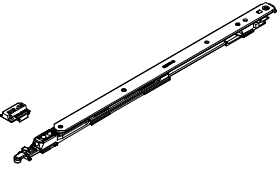
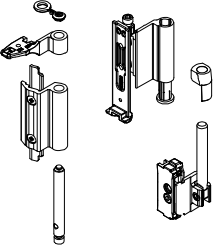
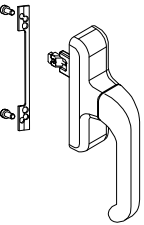
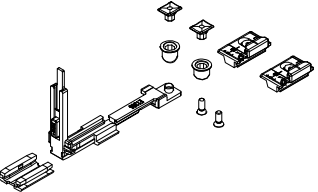


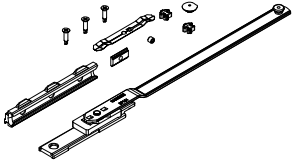
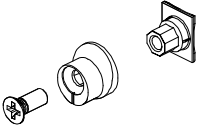
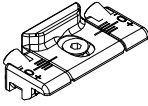
FEAL Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
134.036		- Okov za fiksiranje pomoćnog krila u više točaka (montiranje okova u krilo) - Oznaka proizvođača Stublina: 4005.40 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Stublina: 4005.40		
134.023		-Dodatno (pasivno) ključanje - Oznaka proizvođača Stublina: 4045.00 - Additional (passive) locking - Manufacturer code Stublina: 4045.00		
134.037.01 02 03		- Šarke nosivosti do 100 kg - Donja šarka ima podešavanje u dvije osi - Oznaka proizvođača Stublina: 4035.30.310 -bijela 4035.30.315 -siva 4035.30.313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Hinges weight load under 100 kg - Lower hinge has two-axial adjustment - Manufacturer code Stublina: 4035.30.310 - white 4035.30.315 - gray 4035.30.313 - black - Color: 01- white; 02 - gray;03 - black		
134.038		- Dodatni element (škare za okretno otvaranje) za šarke 4035.30.xxx - (samo za gornju šarku) - Oznaka proizvođača Stublina: 4047.00 - Additional element (friction stays for turn opening) for hinges 4035.30.xxx - (only for the top hinge) - Manufacturer code Stublina: 4047.00		
134.024		- Dodatni umetak gornje šarke za nosivost do 130kg - Oznaka proizvođača Stublina: 4018.30.50U - Additional upper hinge insert for weight load up to 130kg - Manufacturer code Stublina: 4018.30.50U		

OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE FUTURA 3D (130 micro) STANDARD TILT-TURN MECHANISM - GIESSE FUTURA 3D (130 micro) STANDARD

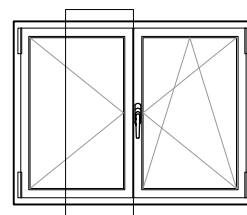
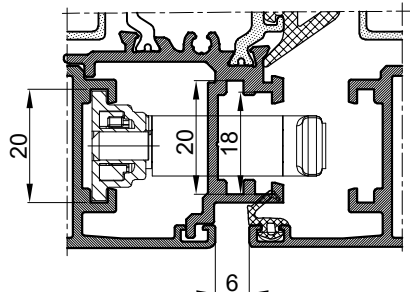
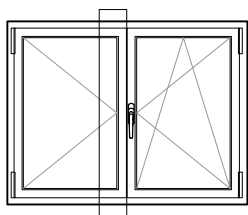
Nosivost max. 130 Kg (FUTURA 3D 130 micro)
Load max. 130 Kg (FUTURA 3D 130 micro)



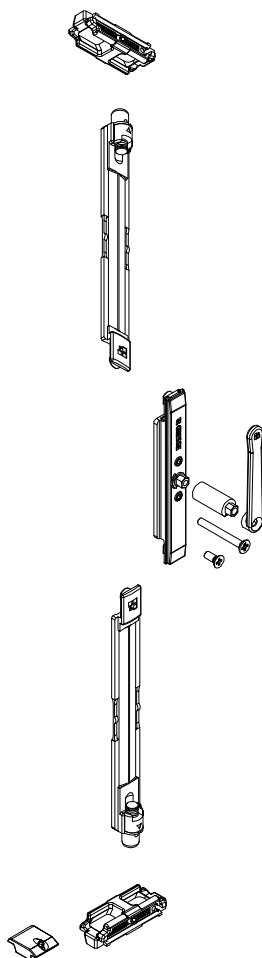
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.015		- Pogonski mehanizam za FUTURA 3D 130 micro mehanizam (...ručka 01094xxx) - Oznaka proizvođača Giese: 04704000 - Drive gear for FUTURA 3D 130 micro mechanism (... handle 01094xxx) - Manufacturer code Giese: 04704000		
135.012		- Škare T1 za širinu krila: Fb= 410mm - 700mm - Oznaka proizvođača Giese: 04284000 - Friction stays T1 for sash width: Fb= 410mm - 700mm - Manufacturer code Giese: 04284000		
135.013		- Škare T2 za širinu krila: Fb= 570mm - 1800mm - Oznaka proizvođača Giese: 04285000 - Friction stays T2 for sash width: Fb= 570mm - 1800mm - Manufacturer code Giese: 04285000		
135.016.01 02 03		- Šarke nosivosti do 140 kg - Oznaka proizvođača Giese: 04711410 - bijela 04711376 - siva 04711500 - crna - Boje: 01- bijela; 02 - siva; 03 - crna - Hinges weight load under 140 kg - Manufacturer code Giese: 04711410 - white 04711376 - gray 04711500 - black - Color: 01- white; 02 - gray; 03 - black		
105.005.01 02 03		- Ručka; (LA 86/104mm), FUTURA 3D (130 micro) - Oznaka proizvođača Giese: 01094410 -bijela 01094376 -siva 01094500 -crna - Boje: 01- bijela; 02 - siva; 03 - crna - Handle; (LA 86/104mm), FUTURA 3D (130 micro) - Manufacturer code Giese: 01094410 -white 01094376 -gray 01094500 -black - Colors: 01- white; 02 - gray; 03 - black		
135.021		- Dodatni set ključanja po širini i visini za krilo preko L>1000 mm i H>1200mm - Oznaka proizvođača Giese: 04770000 - additional set for horizontal and vertical locking for a sash over L>1000 mm and H>1200 mm - Manufacturer code Giese: 04770000		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.014		- Dodatne škare za krilo preko 1000 mm - Oznaka proizvođača Giese: 04301000 - Additional friction stays for a sash over 1000 mm - Manufacturer code Giese: 04301000		
135.029		- Zapinjač - Oznaka proizvođača Giese: 04030000 - Locking bolt - Manufacturer code Giese: 04030000		
143.042		- Prihvatnik zapinjača - Oznaka proizvođača Giese: 01347000 - Locking bolt acceptor - Manufacturer code Giese: 01347000		

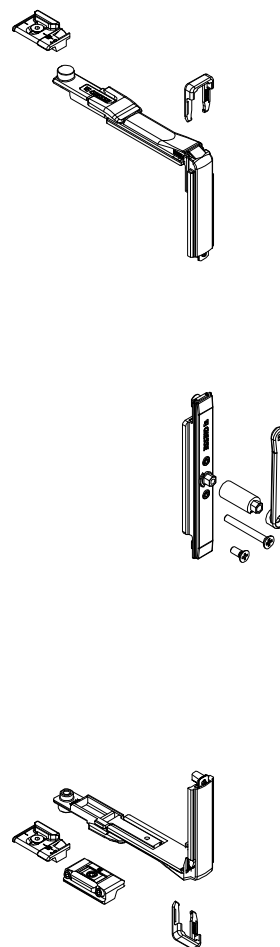
OKOV ZA FIKSIRANJE POMOĆNOG KRILA - GIESSE LOCKING MECHANISM FOR AUXILIARY SASH - GIESSE

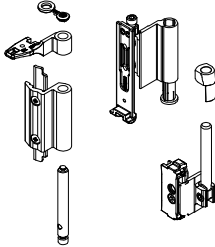
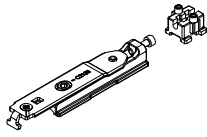
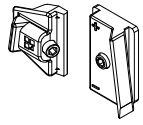


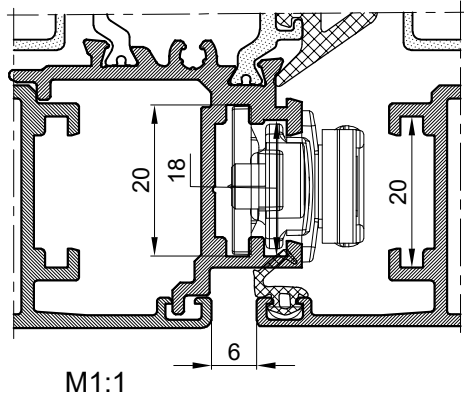
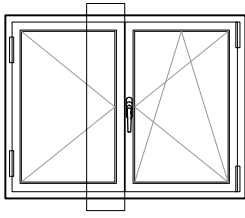
- **143.047** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Giesse: 02178000
- **143.047** Locking mechanism for auxiliary sash in two points (mechanism in the sash)
- Manufacturer code Giesse: 02178000



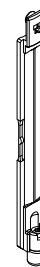
- **143.048** Okov za fiksiranje pomoćnog krila u više točaka; (montiranje okova u krilo)
- Oznaka proizvođača Giesse: 02179000
- **143.048** Locking mechanism for auxiliary sash - multiple points ; (mechanism in the sash)
- Manufacturer code Giesse: 02179000

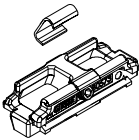
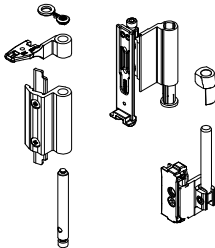
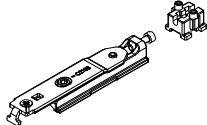
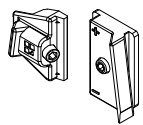
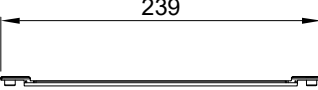


Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
143.047		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo) - Oznaka proizvođača Giesse: 02178000 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Giesse: 02178000		
143.048		- Okov za fiksiranje pomoćnog krila u više točaka (montiranje okova u krilo) - Oznaka proizvođača Giesse: 02179000 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Giesse: 02179000		
135.016.01 02 03		- Šarke nosivosti do 130 kg - Oznaka proizvođača Giesse: 04711410 - bijela 04711376 - siva 04711500 - crna - Boje: 01- bijela; 02 - siva; 03 - crna - Hinges weight load under 130 kg - Manufacturer code Giesse: 04711410 - white 04711376 - gray 04711500 - black - Color: 01- white; 02 - gray; 03 - black		
135.041		- Dodatni element za šarke 04711xxx (samo za gornju šarku) - Oznaka proizvođača Giesse: 04728000 - Additional element for hinges 04711xxx (only for the top hinge) - Manufacturer code Giesse: 04728000		
143.045		- Dodatni element (pasivno ključ.) pomoćnog krila - Oznaka proizvođača Giesse: 01350K - Additional element (passive lock.) of the auxiliary sash - Manufacturer code Giesse: 01350K		

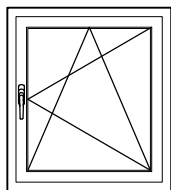
OKOV ZA FIKSIRANJE POMOĆNOG KRILA - GIESSE
 LOCKING MECHANISM FOR AUXILIARY SASH - GIESSE


- **143.043** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu)
- Oznaka proizvođača Giese: 02191K
- **143.043** Locking mechanism for auxiliary sash in two points (mechanism in the flaying mullion)
- Manufacturer code Giese: 02191K

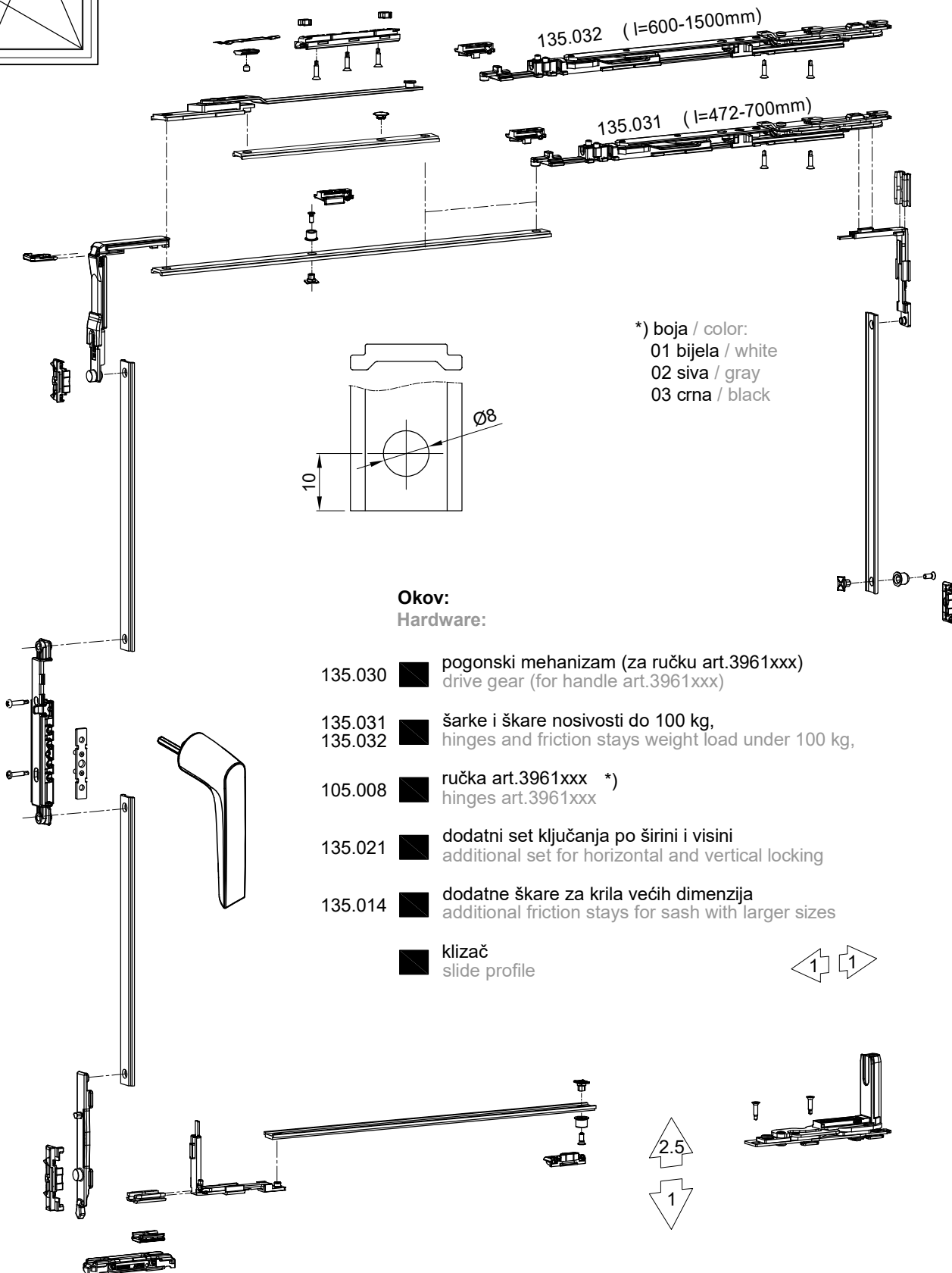


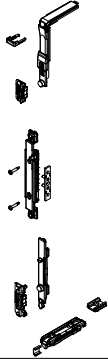
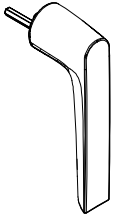
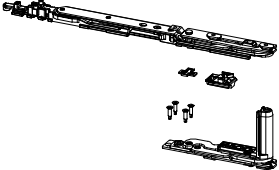
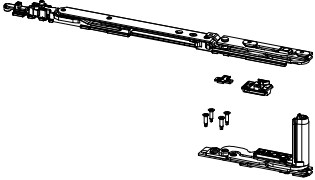
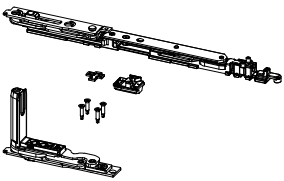
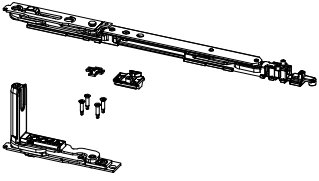
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
143.043		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu) - Oznaka proizvođača Giese: 02191K - Locking mechanism for auxiliary sash in two points (mechanism in flaying mullion) - Manufacturer code Giese: 02191K		
143.046		- Pihvat zapinjača - Oznaka proizvođača Giese: 01348K - Locking bolt acceptor - Manufacturer code Giese: 01348K		
135.016.01 02 03		- Šarke nosivosti do 130 kg - Oznaka proizvođača Giese: 04711410 - bijela 04711376 - siva 04711500 - crna - Boje: 01- bijela; 02 - siva; 03 - crna - Hinges weight load under 130 kg - Manufacturer code Giese: 04711410 - white 04711376 - gray 04711500 - black - Color: 01- white; 02 - gray; 03 - black		
135.041		- Dodatni element za šarke 04711xxx (samo za gornju šarku) - Oznaka proizvođača Giese: 04728000 - Additional element for hinges 04711xxx (only for the top hinge) - Manufacturer code Giese: 04728000		
143.045		- Dodatni element (pasivno ključ.) pomoćnog krila - Oznaka proizvođača Giese: 01350K - Additional element (passive lock.) of the auxiliary sash - Manufacturer code Giese: 01350K		
143.050		- Priključna šipka za radni mehanizam - Oznaka proizvođača Giese: 02187 - Connection rod for the operating mechanism - Manufacturer code Giese: 02187		

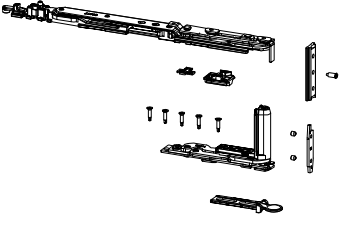
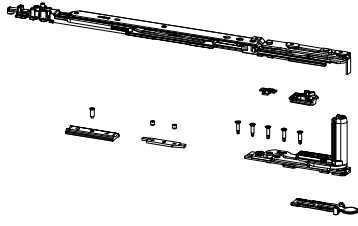
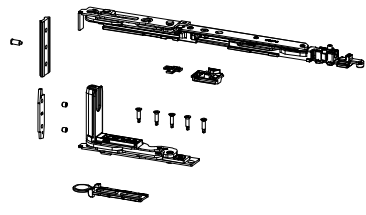
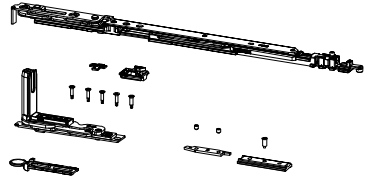
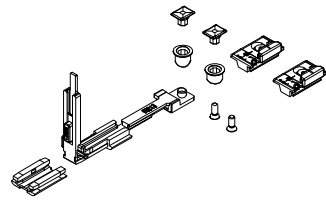
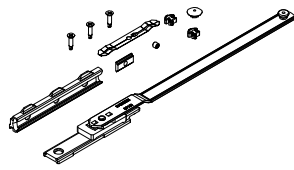
SKRIVENI OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE CHIC 3D 100 STANDARD HIDDEN TILT-TURN MECHANISM - GIESSE CHIC 3D 100 STANDARD

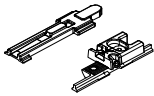
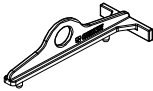
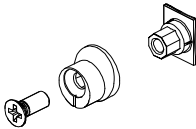
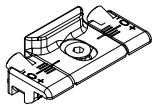


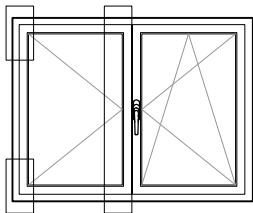
Nosivost max. 100 Kg (CHIC 3D 100) / 130 Kg (CHIC 3D 130)
Load max. 100 Kg (CHIC 3D 100) / 130 Kg (CHIC 3D 130)



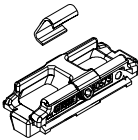
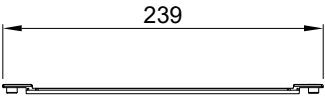
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.030		- Pogonski mehanizam za Ultra mehanizam (...ručka 03961xxx) - Oznaka proizvođača Giesse: 0395200001 - Drive gear for Ultra mechanism (... handle 03961xxx) - Manufacturer code Giesse: 0395200001		
105.008.01 02 03		- Ručka bez rozete, za Ultra mehanizam - Oznaka proizvođača Giesse: 03961410 -bijela 03961376 -siva 03961500 -crna - Boje: 01- bijela; 02 - siva; 03 - crna - Handle without rosette, for Ultra mechanism - Manufacturer code Giesse: 03961410 -white 03961376 -gray 03961500 -black - Colors: 01- white; 02 - gray; 03 - black		
135.031		- Šarka+škara T1, desna za krilo 472-700 mm - Oznaka proizvođača Giesse: 043550001 - Otvaranje krila do 180° - Za nosivost do 100kg - Hinge+friction stays T1, right for sash 472-700 mm - Manufacturer code Giesse: 043550001 - Sash opening up 180° - For weight load up to 100kg		
135.032		- Šarka+škara T2, desna za krilo 600-1500mm - Oznaka proizvođača Giesse: 043560001 - Otvaranje krila do 180° - Za nosivost do 100kg - Hinge+friction stays T2, right for sash 600-1500mm - Manufacturer code Giesse: 043560001 - Sash opening up 180° - For weight load up to 100kg		
135.033		- Šarka+škara T1, lijeva za krilo 472-700 mm - Oznaka proizvođača Giesse: 043550002 - Otvaranje krila do 180° - Za nosivost do 100kg - Hinge+friction stays T1, left for sash 472-700 mm - Manufacturer code Giesse: 043550002 - Sash opening up 180° - For weight load up to 100kg		
135.034		- Šarka+škara T2, lijeva za krilo 600-1500mm - Oznaka proizvođača Giesse: 043560002 - Otvaranje krila do 180° - Za nosivost do 100kg - Hinge+friction stays T2, left for sash 600-1500mm - Manufacturer code Giesse: 043560002 - Sash opening up 180° - For weight load up to 100kg		

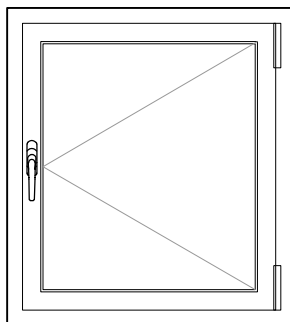
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.037		- Šarka+škara T1, desna za krilo 472-700 mm - Oznaka proizvođača Giesse: 044250001 - Otvaranje krila do 180° - Za nosivost do 130kg - Hinge+friction stays T1, right for sash 472-700 mm - Manufacturer code Giesse: 043550001 - Sash opening up 180° - For weight load up to 130kg		
135.038		- Šarka+škara T2, desna za krilo 600-1600mm - Oznaka proizvođača Giesse: 044260001 - Otvaranje krila do 180° - Za nosivost do 130kg - Hinge+friction stays T2, right for sash 600-1600mm - Manufacturer code Giesse: 044260001 - Sash opening up 180° - For weight load up to 130kg		
135.039		- Šarka+škara T1, lijeva za krilo 472-700 mm - Oznaka proizvođača Giesse: 044250002 - Otvaranje krila do 180° - Za nosivost do 130kg - Hinge+friction stays T1, left for sash 472-700 mm - Manufacturer code Giesse: 044250002 - Sash opening up 180° - For weight load up to 130kg		
135.040		- Šarka+škara T2, lijeva za krilo 600-1600mm - Oznaka proizvođača Giesse: 044260002 - Otvaranje krila do 180° - Za nosivost do 130kg - Hinge+friction stays T2, left for sash 600-1600mm - Manufacturer code Giesse: 044260002 - Sash opening up 180° - For weight load up to 130kg		
135.021		- Dodatni set ključanja po širini i visini za krilo preko H>1200 mm - Oznaka proizvođača Giesse: 04770000 - additional set for horizontal and vertical locking for a sash over H>1200 mm - Manufacturer code Giesse: 04770000		
135.014		- Dodatne škarje za krilo preko 1000 mm - Oznaka proizvođača Giesse: 04301000 - Additional friction stays for a sash over 1000 mm - Manufacturer code Giesse: 04301000		

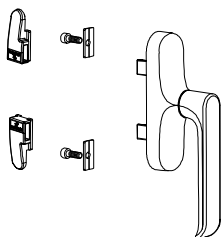
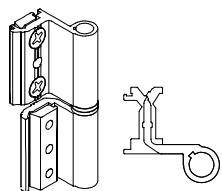
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.023		- Dodatna ruka za ograničavanje otvaranja krila, za L>500, od 25° do 120° - Oznaka proizvođača Giesse: 02030000 - Additional arm to limit sash opening, for L>500, from 25° to 120° - Manufacturer code Giesse: 02030000		
135.035		- Dodatni element za škaru, za krila po visini manja od 1200 a po širini veća od 1000 mm - Oznaka proizvođača Giesse: 04357000 - Additional element for friction stays, for sash at a height of less than 1200 and widths greater than 1000 mm - Manufacturer code Giesse: 04357000		
135.036		- Šablon za pozicioniranje škara - Oznaka proizvođača Giesse: 03535 - Template for positioning friction stays - Manufacturer code Giesse: 03535		
135.029		- Zapinjač - Oznaka proizvođača Giesse: 04030000 - Locking bolt - Manufacturer code Giesse: 04030000		
143.042		- Pihvatnik zapinjača - Oznaka proizvođača Giesse: 01347000 - Locking bolt acceptor - Manufacturer code Giesse: 01347000		

SKRIVENI OKOV ZA FIKSIRANJE POMOĆNOG KRILA - GIESSE CHIC 3D
HIDDEN LOCKING MECHANISM FOR AXILIARY SASH - GIESSE CHIC 3D

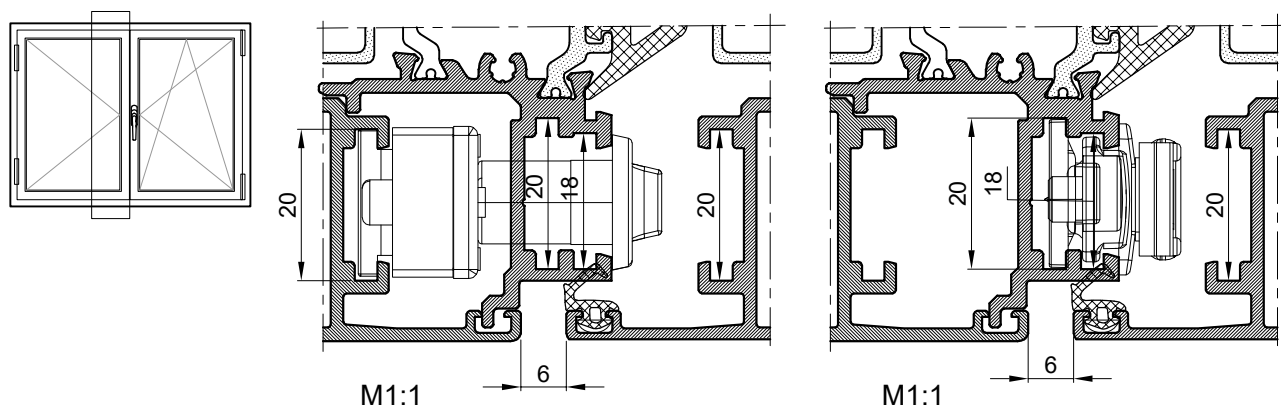
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
115.011		- Skrивene šarke za pomoćno krilo - lijevi - Oznaka proizvođača Giesse: 043540002 - Za nosivost do 100kg - Hidden Hinges for the auxiliary sash - left - Manufacturer code Giesse: 043540002 - For weight load up to 100kg		
115.012		- Skrивene šarke za pomoćno krilo - desni - Oznaka proizvođača Giesse: 043540001 - Za nosivost do 100kg - Hidden hinges for the auxiliary sash - right - Manufacturer code Giesse: 043540001 - For weight load up to 100kg		
115.013		- Skrивene šarke za pomoćno krilo - lijevi - Oznaka proizvođača Giesse: 044240002 - Za nosivost do 130kg - Hidden Hinges for the auxiliary sash - left - Manufacturer code Giesse: 044240002 - For weight load up to 130kg		
115.014		- Skrивene šarke za pomoćno krilo - desni - Oznaka proizvođača Giesse: 044240001 - Za nosivost do 130kg - Hidden hinges for the auxiliary sash - right - Manufacturer code Giesse: 044240001 - For weight load up to 130kg		
143.044		- Dodatni element (pasivno ključ.) pomoćnog krila (za h=1200-1800 -1 kom, a preko 1800 -2 kom) - Oznaka proizvođača Giesse: 04358000 - Additional element (passive locking) of the auxiliary sash (for h=1200-1800 -1 kom, and over 1800 -2 kom) - Manufacturer code Giesse: 04358000		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
143.043		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu) - Oznaka proizvođača Giese: 02191K - Locking mechanism for auxiliary sash in two points (mechanism in flaying mullion) - Manufacturer code Giese: 02191K		
143.046		- Pihvat zapinjača - Oznaka proizvođača Giese: 01348K - Locking bolt acceptor - Manufacturer code Giese: 01348K		
143.050		- Priključna šipka za radni mehanizam - Oznaka proizvođača Giese: 02187 - Connection rod for the operating mechanism - Manufacturer code Giese: 02187		

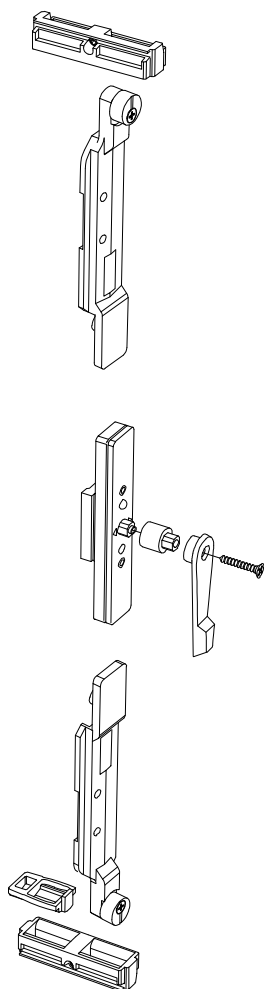
OKOV ZA ZAOKRETNI PROZOR - (otvaranje unutra)
HARDWARE FOR TURN WINDOW - (inwards opening)

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
104.011.01 02 03		- Ručka za prozor - Oznaka proizvođača Stublina: 1102.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Window handle - Manufacturer code Stublina: 1102.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black	AlSi Zamak	
144.044		- Set zapinjača sa prihvatom - Oznaka proizvođača Stublina: 4009.30 - Set locking bolts with acceptor - Manufacturer code Stublina: 4009.30		
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Stara oznaka E-100 - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge EURO GROOVE - Former code E-100 - Color: 01- white; 02 - gray;03 - black		

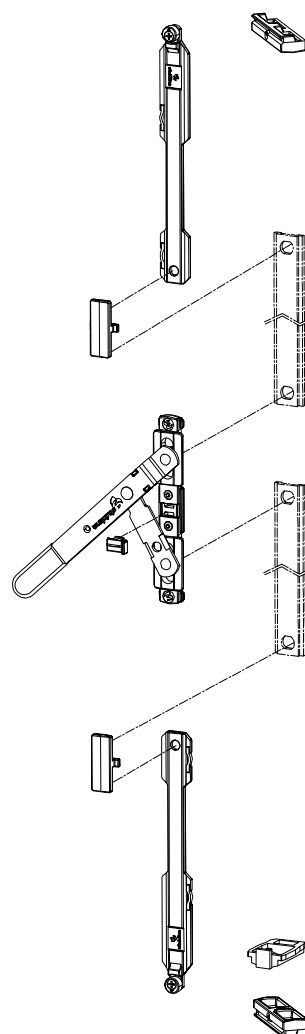
OKOV ZA FIKSIRANJE POMOĆNOG KRILA - STUBLINA LOCKING MECHANISM FOR AUXILIARY SASH - STUBLINA

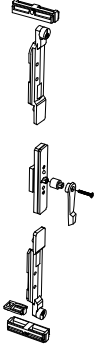
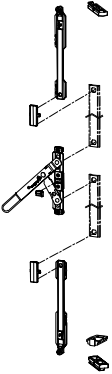
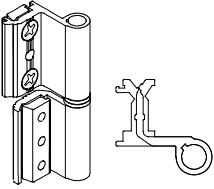
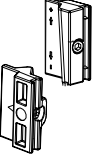


- **134.017** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Stublina: 4005.00
- **134.017** Locking mechanism for auxiliary sash in two points (mechanism in the sash)
- Manufacturer code Stublina: 4005.00

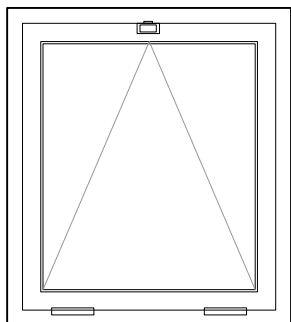


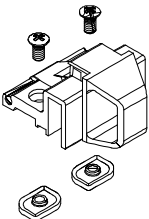
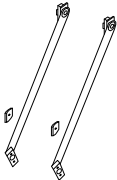
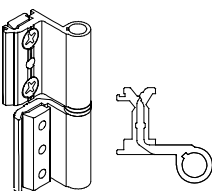
- **134.029** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu)
- Oznaka proizvođača Stublina: 4106.00
- **134.029** Locking mechanism for auxiliary sash in two points (mechanism in the flying mullion)
- Manufacturer code Stublina: 4106.00

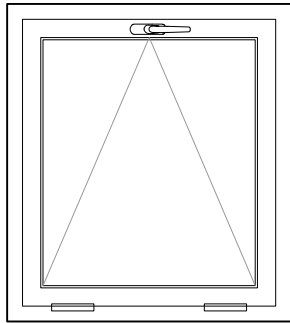


Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
134.017		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo) - Oznaka proizvođača Stublina: 4005.00 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Stublina: 4005.00		
134.029		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu) - Oznaka proizvođača Stublina: 4106.00 - Locking mechanism for auxiliary sash in two points (mechanism in the flaying mullion) - Manufacturer code Stublina: 4106.00		
134.001		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u kombatutu) - Oznaka proizvođača Stublina: 4001.00 - Locking mechanism for auxiliary sash in two points (mechanism in the flaying mullion) - Manufacturer code Stublina: 4001.00		
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Stara oznaka E-100 - Boje: 01- bijela; 02 - siva; 03 - crna - Two-part hinge EURO GROOVE - Former code E-100 - Color: 01- white; 02 - gray; 03 - black		
134.023		- Dodatno (pasivno) ključanje - Oznaka proizvođača Stublina: 4045.00 - Additional (passive) locking - Manufacturer code Stublina: 4045.00		

OKOV ZA OTKLOPNI PROZOR (VENTUS) SA BRAVICOM ZA ZATVARANJE - (otvaranje unutra)
HARDWARE FOR TILT WINDOW (VENTUS) WITH CLOSING LOCK - (inwards opening)

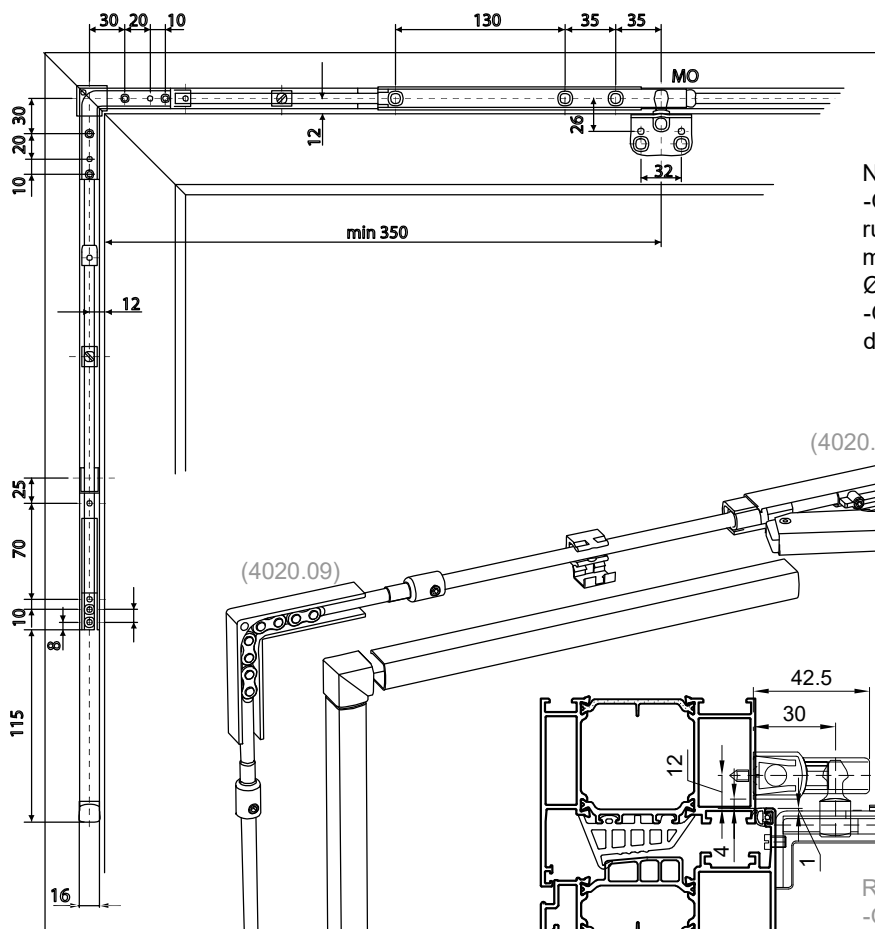


Oznaka Code		Opis Description	Materijal Material	Napomena Remark
124.005.01 02 03		- Bravica za zatvaranje otklopnog prozora - Oznaka proizvođača Stublina: 1014.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Closing lock for tilt window - Manufacturer code Stublina: 1014.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		
131.002		- Škare za otklopni prozor - Stara oznaka: E-350 - Friction stays for tilt window - Former code: E-350		
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Stara oznaka E-100 - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge EURO GROOVE - Former code E-100 - Color: 01- white; 02 - gray;03 - black		

OKOV ZA OTKLOPNI PROZOR (VENTUS) SA RUČKOM NA HORIZONTALI - (otvaranje unutra)
HARDWARE FOR TILT WINDOW (VENTUS) WITH THE HANDLE ON THE UP - (inwards opening)

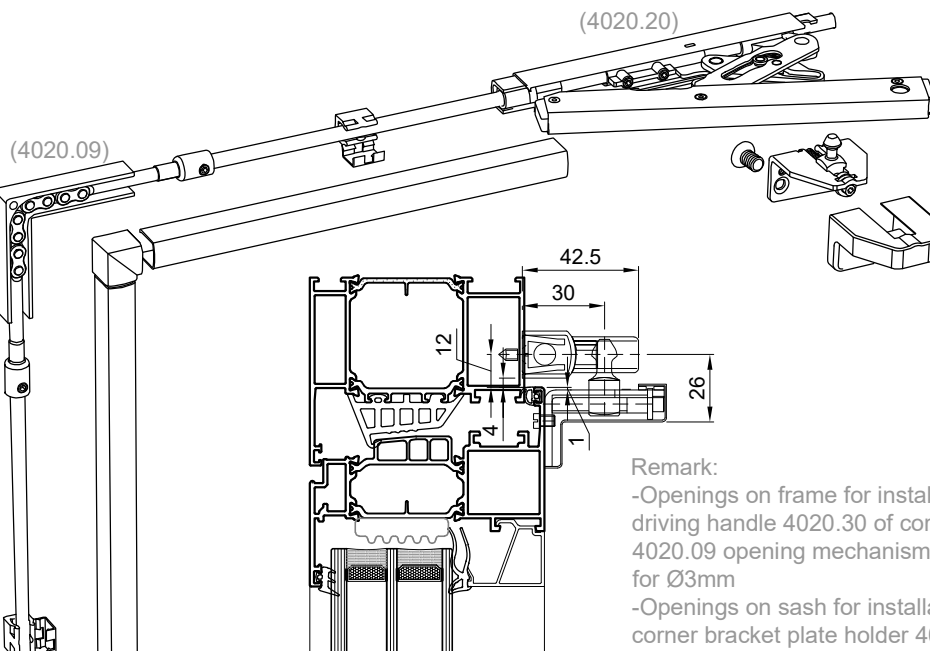
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
104.011.01 02 03		- Ručka za prozor - Oznaka proizvođača Stublina: 1102.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Window handle - Manufacturer code Stublina: 1102.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black	AlSi Zamak	
131.002		- Škare za otklopni provoz - Stara oznaka: E-350 - Friction stays for tilt window - Former code: E-350		
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Stara oznaka E-100 - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge EURO GROOVE - Former code E-100 - Color: 01- white; 02 - gray;03 - black		
144.044		- Set zapinjača sa prihvatom - Oznaka proizvođača Stublina: 4009.30 - Set locking bolts with acceptor - Manufacturer code Stublina: 4009.30		

134.006.xx- OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM ZA VISINU - STUBLINA (art.4020.00)
134.006.xx- TILT MECHANISM (VENTUS) WITH HANDLE FOR HEIGHT - STUBLINA (art.4020.00)



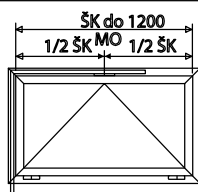
Napomena:

- Otvore na štoku za ugradnju pogonske ručice 4020.30, kutnog okova 4020.09 mehanizama otvarača 4020.20 bušiti na Ø3mm.
- Otvore na krilu za ugradnju kutnog nosača držača krila 4020.05 bušiti na Ø5.2mm



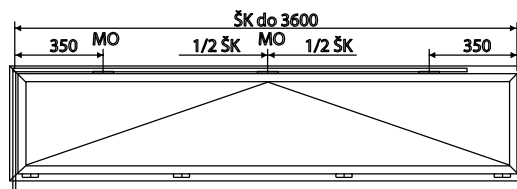
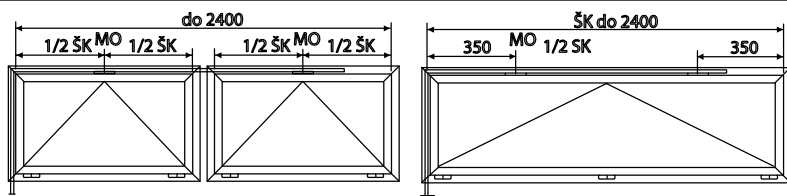
Remark:

- Openings on frame for installation of driving handle 4020.30 of corner hardware 4020.09 opening mechanism 4020.20 drill for Ø3mm
- Openings on sash for installation of corner bracket plate holder 4020.05 drill for Ø5.2mm

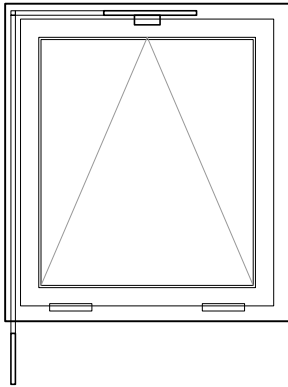


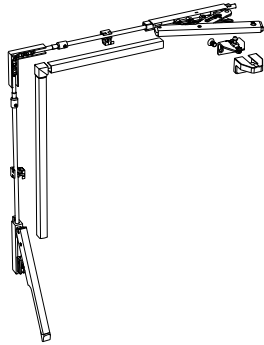
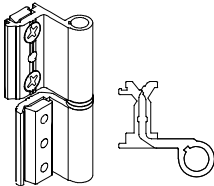
Legenda / Legend:

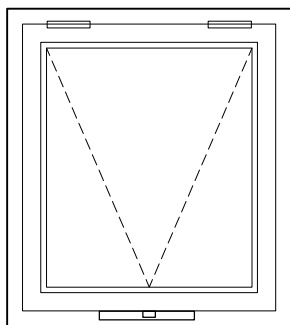
Mehanizam otvarača / Opening mechanism.....Mo
Širina krila / Sash width.....ŠK

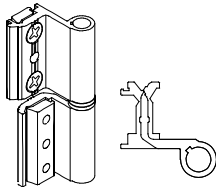
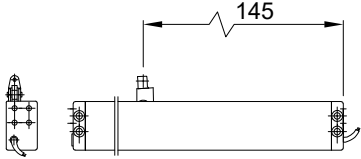
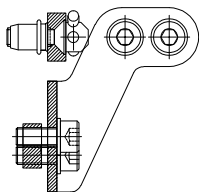


OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM ZA VISINU - (otvaranje unutra)
TILT MECHANISM (VENTUS) WITH HANDLE FOR HEIGHT - (inwards opening)

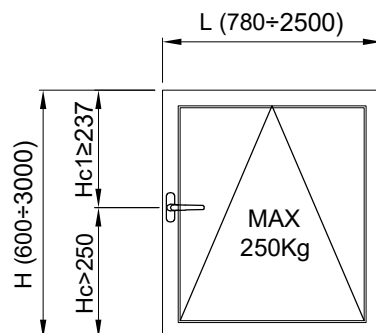
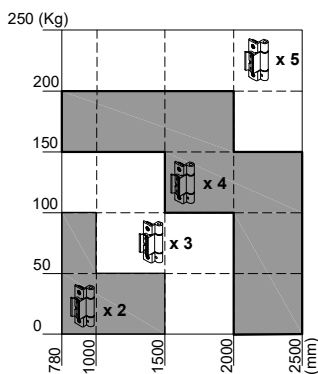
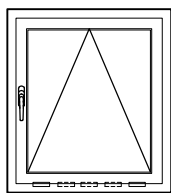


Oznaka Code		Opis Description	Materijal Material	Napomena Remark
134.006.01 02 03		- Ventus set širina krila do 1200 mm - Oznaka proizvođača Stublina: 4020.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Ventus set - sash width up to 1200 mm - Manufacturer code Stublina: 4020.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Stara oznaka E-100 - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge EURO GROOVE - Former code E-100 - Color: 01- white; 02 - gray;03 - black		

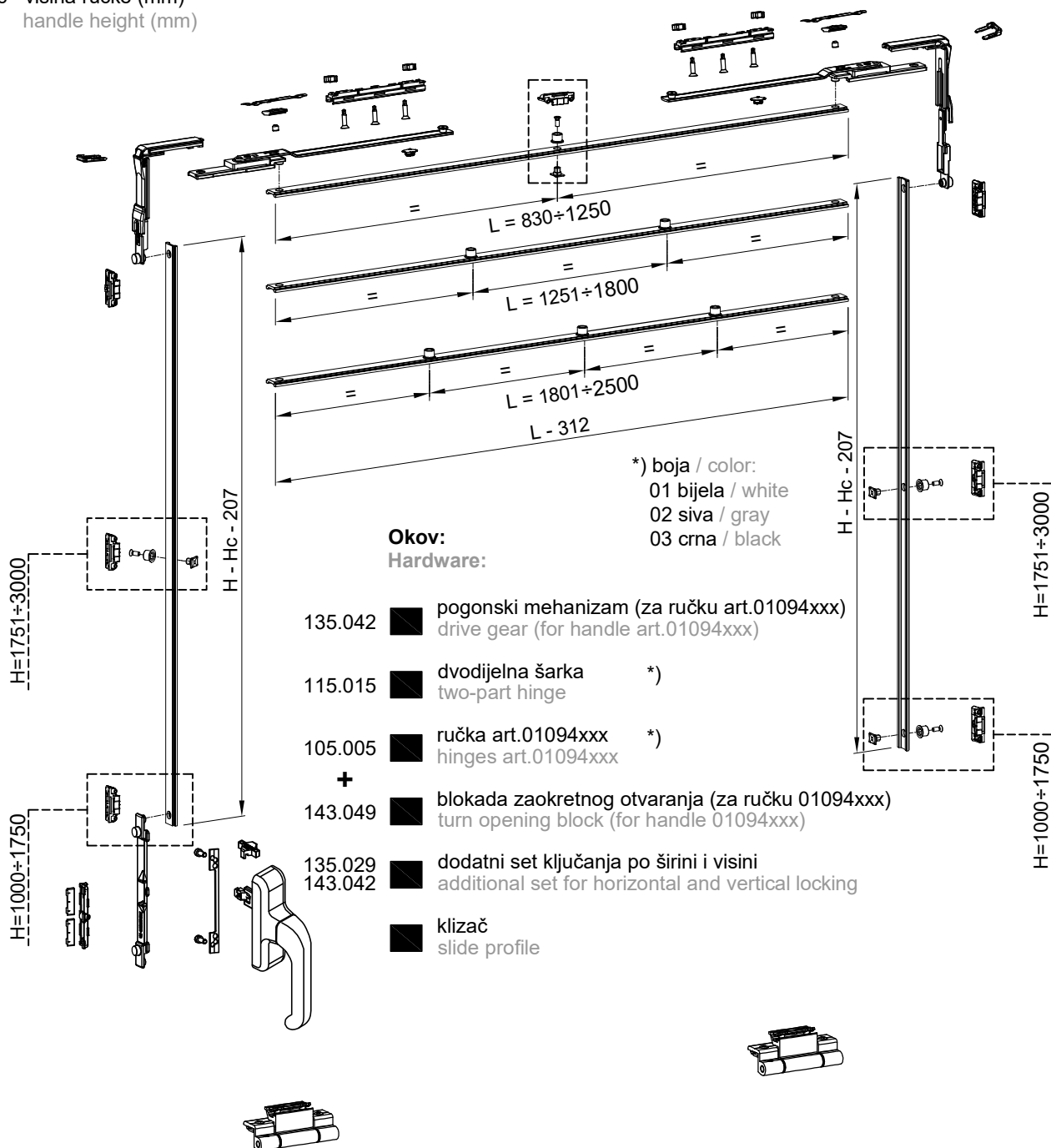
OKOV ZA OTKLOPNI PROZOR (VENTUS) SA ELEKTROMOTOROM - (otvaranje vani)
HARDWARE FOR TILT WINDOW (VENTUS) WITH ELECTRIC MOTOR - (outwards opening)

Oznaka Code		Opis Description	Materijal Material	Napomena Remark
111.001.01 02 03		- Dvodijelna šarka EURO ŽLIJEB - Stara oznaka E-100 - Boje: 01- bijela; 02 - siva; 03 - crna - Two-part hinge EURO GROOVE - Former code E-100 - Color: 01- white; 02 - gray; 03 - black		
142.019		Motor za otvaranje G-U ELTRAL K20; hod 300 mm; Oznaka proizvođača: K-17645-30-0-1 Opening motor G-U ELTRAL K20; throw 300 mm; Manufacturer code GU: K-17645-30-0-1		
142.020		Motor za otvaranje G-U ELTRAL K20; hod 200 mm; Oznaka proizvođača: K-17645-20-0-1 Opening motor G-U ELTRAL K20; throw 200 mm; Manufacturer code GU: K-17645-20-0-1		
142.021		Motor za otvaranje G-U ELTRAL K20; hod 300 mm; Oznaka proizvođača: K-17645-30-0-1 Opening motor G-U ELTRAL K20; throw 300 mm; Manufacturer code GU: K-17645-30-0-1		
142.021		Motor za otvaranje G-U ELTRAL K20; hod 400 mm; Oznaka proizvođača: K-17645-40-0-1 Opening motor G-U ELTRAL K20; throw 400 mm; Manufacturer code GU: K-17645-40-0-1		
142.035		Set prihvatnika za motor G-U ELTRAL K22/25 ; Oznaka proizvođača: K-17706-00-0-8 Acceptor set for motor G-U ELTRAL K22/25 ; Manufacturer code GU: K-17706-00-0-8		

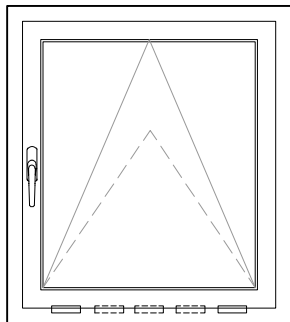
OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM NA VERTIKALI - (otvaranje unutra) - GIESSE TILT MECHANISM (VENTUS) WITH THE HANDLE ON THE SIDE - (inwards opening) - GIESSE



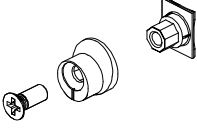
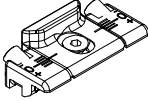
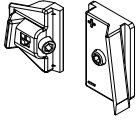
H - visina krila (mm)
sash height (mm)
Hc - visina ručke (mm)
handle height (mm)



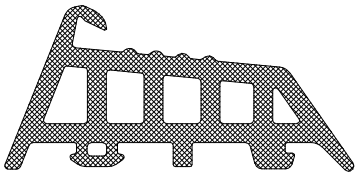
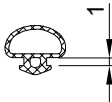
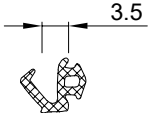
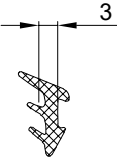
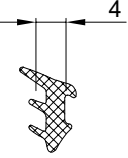
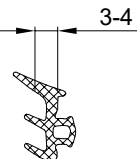
OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM NA VERTIKALI - (otvaranje unutra) - GIESSE
TILT MECHANISM (VENTUS) WITH THE HANDLE ON THE SIDE - (inwards opening) - GIESSE

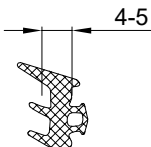
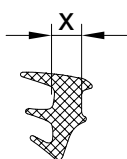
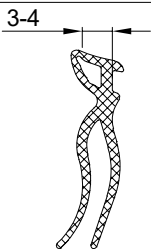
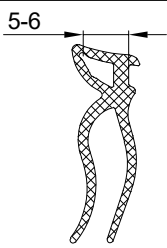
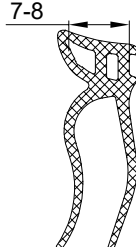


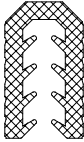
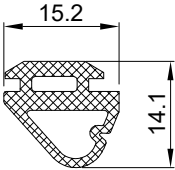
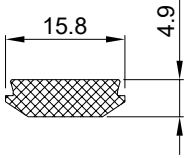
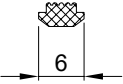
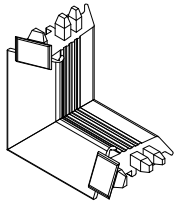
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.042		- Pogonski mehanizam za otklopni prozor- (ventus) sa ručkom na vertikali (...ručka 01094xxx) - Oznaka proizvođača Giesse: 01175000 - Drive gear for tilt window (ventus) with the handle on the side (... handle 01094xxx) - Manufacturer code Giesse: 01175000		
115.015.01 02 03		- Dvodijelna šarka - Oznaka proizvođača Giesse: 00600410 -bijela 00600376 -siva 00600500 -crna - Boje: 01- bijela; 02 - siva; 03 - crna - Two-part hinge - Manufacturer code Giesse: 00600410 -white 00600376 -gray 00600500 -black - Color: 01- white; 02 - gray; 03 - black		
105.005.01 02 03		- Ručka; (LA 86/104mm), FUTURA 3D (130 micro) - Oznaka proizvođača Giesse: 01094410 -bijela 01094376 -siva 01094500 -crna - Boje: 01- bijela; 02 - siva; 03 - crna - Handle; (LA 86/104mm), FUTURA 3D (130 micro) - Manufacturer code Giesse: 01094410 -white 01094376 -gray 01094500 -black - Colors: 01- white; 02 - gray; 03 - black		
143.049		- Blokada zaokretnog otvaranja (...za ručku 01094xxx) - Oznaka proizvođača Giesse: 02235 - Turn opening block (... for handle 01094xxx) - Manufacturer code Stublina: 02235		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.029		- Zapinjač - Oznaka proizvođača Giese: 04030000 - Locking bolt - Manufacturer code Giese: 04030000		
143.042		- Prihvatnik zapinjača - Oznaka proizvođača Giese: 01347000 - Locking bolt acceptor - Manufacturer code Giese: 01347000		
143.045		- Dodatni element (pasivno ključanje) - Oznaka proizvođača Giese: 01350K - Additional element (passive locking) - Manufacturer code Giese: 01350K		

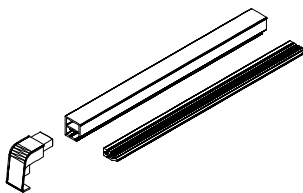
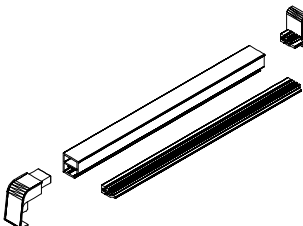
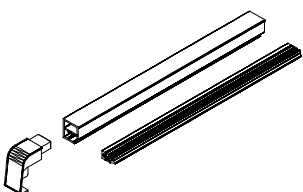
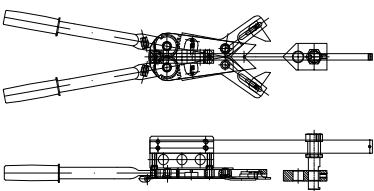
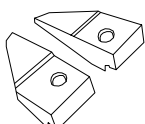
Brve Gaskets

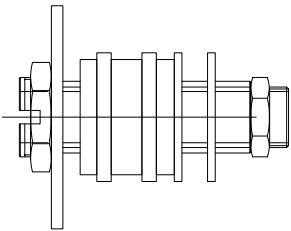
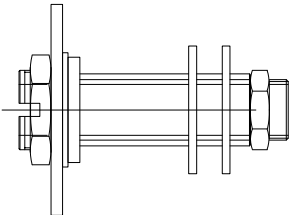
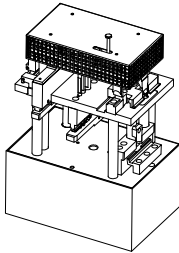
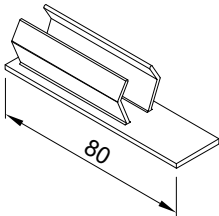
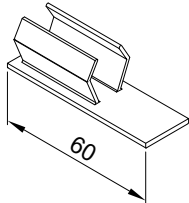
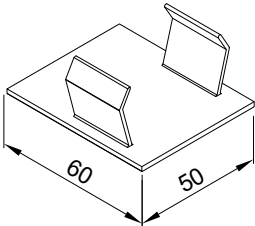
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
337.004		- Centralna brtva - Central gasket	spužvasti EPDM Foam EPDM	700 kg/m ³
314.001		- Brtva u profilu ramu - Gasket in frame profile	TPE	65 ShA
327.002		- Brtva u profilu rama i profilu kombatute - Gasket in frame profile and in flying mullion profile	Spužvasti EPDM Foam EPDM	900 kg/m ³
321.001		- Brtva u profilu krila i rama - Gasket in sash and frame profile	EPDM	60±5 ShA
321.006		- Brtva u profilu krila i rama - Gasket in sash and frame profile	EPDM	60±5 ShA
311.001		- Brtva prema staklu /unutarnja/ - Glazing gasket /interior/	EPDM	70±5 ShA
311.002		- Brtva prema staklu /unutarnja/ - Glazing gasket /interior/	EPDM	70±5 ShA
321.002		- Brtva prema staklu /vanjska/ - Glazing gasket /exterior/	EPDM	60±5 ShA

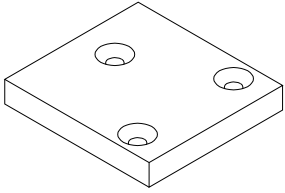
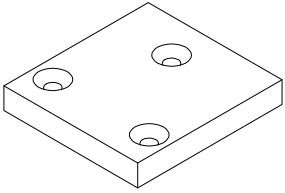
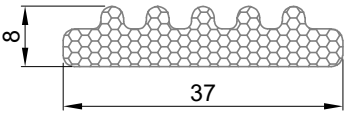
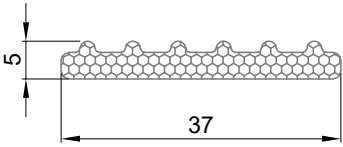
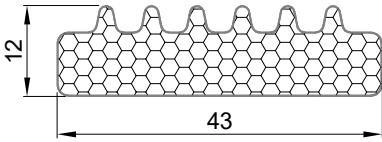
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark															
321.003		- Brtva prema staklu /vanjska/ - Glazing gasket /exterior/	EPDM	60±5 ShA															
311.014 311.007 311.008 311.009 311.010		- Brtva prema staklu /unutarnja/ - Glazing gasket /interior/ Stara oznaka /Former code <table><tr><td>311.014</td><td>UP-2</td><td>X=2 mm</td></tr><tr><td>311.007</td><td>UP-5</td><td>X=5 mm</td></tr><tr><td>311.008</td><td>UP-6</td><td>X=6 mm</td></tr><tr><td>311.009</td><td>UP-7</td><td>X=7 mm</td></tr><tr><td>311.010</td><td>UP-8</td><td>X=8 mm</td></tr></table>	311.014	UP-2	X=2 mm	311.007	UP-5	X=5 mm	311.008	UP-6	X=6 mm	311.009	UP-7	X=7 mm	311.010	UP-8	X=8 mm	EPDM	70±5 ShA
311.014	UP-2	X=2 mm																	
311.007	UP-5	X=5 mm																	
311.008	UP-6	X=6 mm																	
311.009	UP-7	X=7 mm																	
311.010	UP-8	X=8 mm																	
311.003		-Brtva prema staklu /unutarnja/ - nosi 3-4 mm -Gasket towards glass /interior/ - carries 3-4 mm/	EPDM	70±5 ShA															
311.004		-Brtva prema staklu /unutarnja/ - nosi 5-6 mm -Gasket towards glass /interior/ - carries 5-6 mm	EPDM	70±5 ShA															
311.005		-Brtva prema staklu /unutarnja/ - nosi 7-8 mm -Gasket towards glass /interior/ - carries 7-8 mm	EPDM	70±5 ShA															
344.040		-Brtva za profil ravnog spoja FT-0540	Elastron G SEBS	65 ShA															

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
344.039		-Brtva za profil ravnog spoja F-1232 -Gasket for flat joint profile F-1232	Elastron G SEBS	65 ShA
344.057		- Brtva prema pragu balkonskih vrata - Gasket towards balcony door treshold	TPE	65 ShA
344.058		- Brtva u profilu praga - Gasket in threshold profile	TPE	65 ShA
340.055		- Brtva (u profilu okomice F-1569) - - - -Gasket (in french balcony profile F-1569)	ELASTRON	65 ShA
363.090		- Kutni umetak centralne brtve 337.004 - Corner insert of the central gasket 337.004	EPDM	30 ShA

Dodaci Accessories

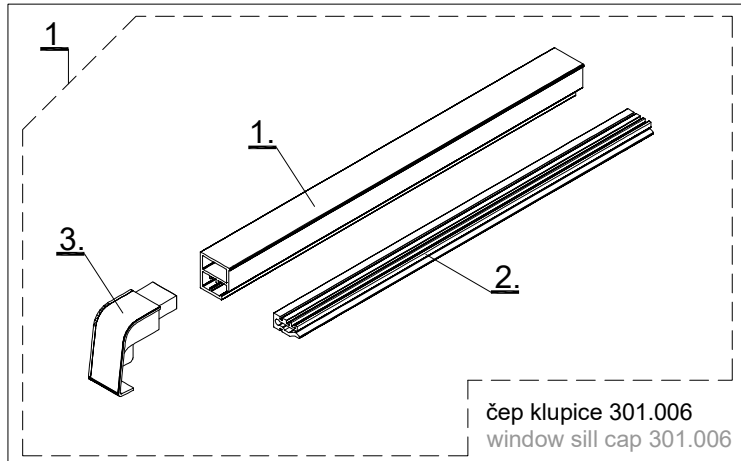
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
301.006. 01 02 03		- Set za bočni čep klupice (za klupice do 280mm) - Aluminium window sill side caps (for window sills to 280mm)	PVC TPE Al.	
301.009. 01 02 03		- Set za bočni čep klupice (za klupice do 280mm) - Aluminium window sill side caps (for window sills to 280mm)	PVC TPE Al.	
301.010. 01 02 03		- Set za bočni čep klupice (za klupicu 360mm) - Aluminium window sill side caps (for window sill 360mm)	PVC TPE Al.	
240.001		- Kliješta za kutne spojnice - Manual crimping tool		
240.001.00.01		- Noževi za kliješta kutnih spojnica - Knives for crimper corner joint		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
220.010		- Grupa glodala za obradu profila prečki prema profilu rama i profilu prečke - Milling tools for processing of a crossbar profiles according frame profile and crossbar profile	Čelik Steel	
220.011		- Grupa glodala za obradu profila prečke i profila parapeta prema profilu krila - Milling tools for processing of a crossbar and profiles parapet according frame profile	Čelik Steel	
210.001		- Štanca za otklopno zaokretne sisteme prozora i vrata - Stara oznaka: Štanca S1 - Punching machine for tilt-turn systems of windows and doors: - Former code: Štanca S1		
521.287		- Umetak za profil ojačanja prečke (za profile NP-4183 i NP-4184) - End insert for window crossbar reinforcement (for profiles NP-4183 and NP-4184)	Al.	
521.288		- Umetak za profil ojačanja prečke (za profile F-1634 i NP-4184) - End insert for window crossbar reinforcement (for profiles F-1634 and NP-4184)	Al.	
521.491		- Umetak za profil ojačanja (za profil LxH=40x50) - Insert for reinforcement profile (for profile LxH=40x50)	Al.	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
391.148		- Aluminijska nosiva pločica francuskog balkona lijeva 50 mm x 54 mm x 8 mm - French balcony aluminium glass support left 50 mm x 54 mm x 8 mm	Al.	
391.149		- Aluminijska nosiva pločica francuskog balkona lijeva 50 mm x 54 mm x 8 mm - French balcony aluminium glass support left 50 mm x 54 mm x 8 mm	Al.	
348.002		-Ispuna po opsegu stakla sa ljepljivom trakom- Izoterm plamaframe -Insulation around the glass with adhesive tape- Isoterm plamaframe	XPE	
340.450		-Ispuna po opsegu stakla Izoterm plamaframe -Insulation around the glass Isoterm plamaframe	XPE	
340.013		-Ispuna po opsegu stakla -Izoterm plamaframe -Insulation around the glass -Isoterm plamaframe	XPE	

SET ZA BOČNI ČEP PROZORSKE KLUPICE 301.006 SET FOR SIDE CAP OF WINDOW SILL 301.006

- 1. - Osnovni profil
- 2. - PVC prihvatnik klupice
- 3. - Vanjski čep-prihvatnik klupice i profila
- 1. - Basic profile
- 2. - PVC window sill acceptor
- 3. - Outside cap - sill and profile acceptor

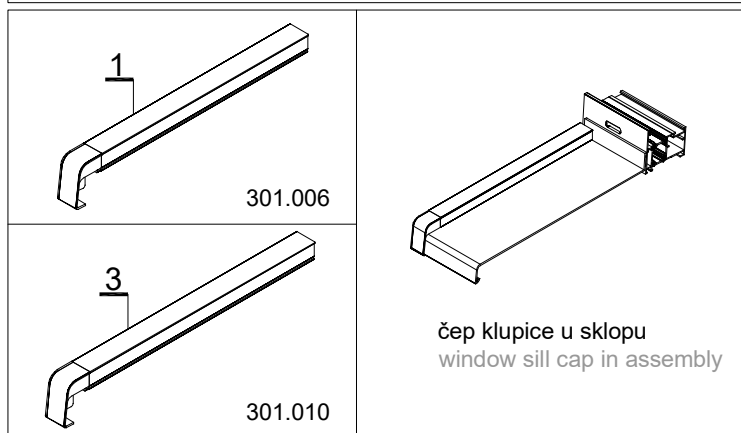


- 1 - Set za bočni čep klupice 301.006
- 2 - Set za bočni čep klupice 301.009
- 3 - Set za bočni čep klupice 301.010

-Setovi bočnih čepova 301.006 i 301.009 su u veličini profila klupice F-0680/J (280 mm)
-Za manje klupice se radi skraćivanje čepa prema mjerama u uputstvu artikla
-Set za bočni čep 301.010 - (360 mm)
-Izbor boje čepova prema RAL-karti

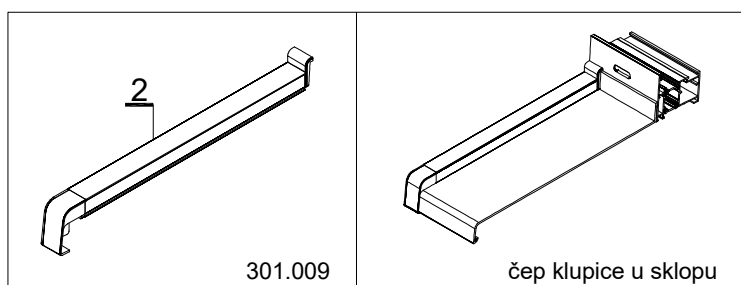
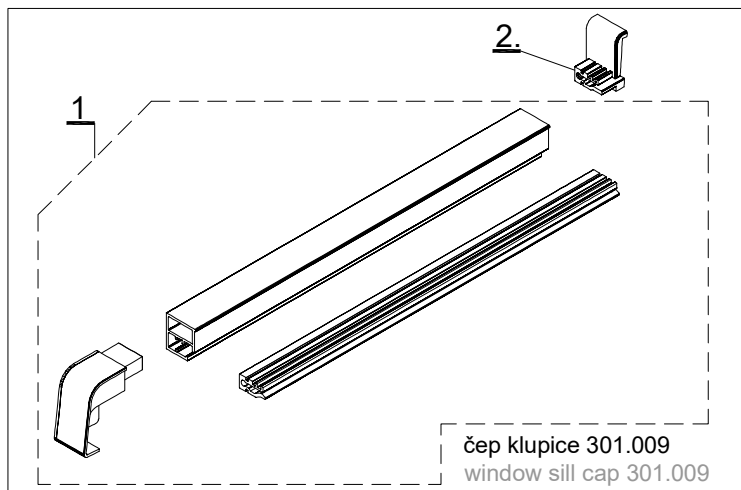
- 1 - Set for side cap of window sill 301.006
- 2 - Set for side cap of window sill 301.009
- 3 - Set for side cap of window sill 301.010

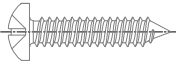
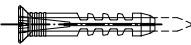
-Side cap set 301.006 and 301.009 are in size of window sill profile F-0680/J (280 mm)
-For smaller window sills side caps are shorten according to article dimensions
-Set for side cap 301.010 - (360 mm)
-Selection of cap colour according to RAL-map



SET ZA BOČNI ČEP PROZORSKE KLUPICE 301.009 SET FOR SIDE CAP OF WINDOW SILL 301.009

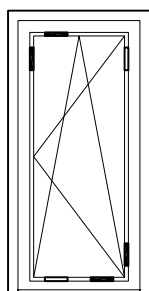
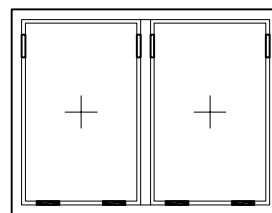
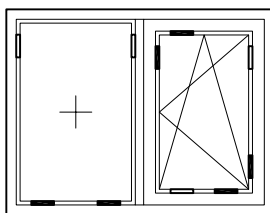
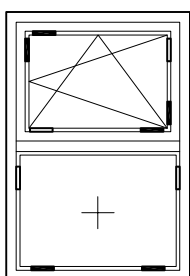
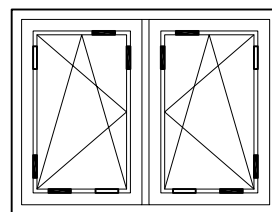
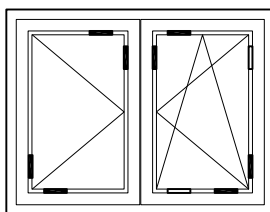
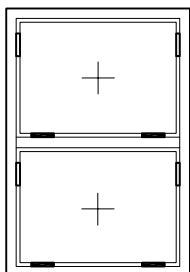
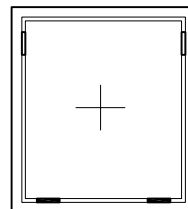
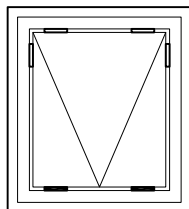
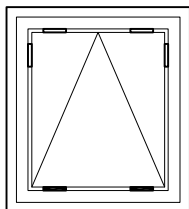
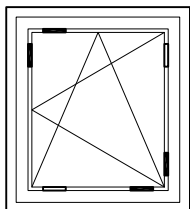
- 1 - Set klupice 301.006
- 2. - Čep do otvora-prihvatnik klupice i profila
- 1 - Window sill set 301.006
- 2. - Cap next to the opening - Window sill and profile acceptor



Vijci Screws				
Oznaka Code	Opis Description	Izgled - presjek View-cross section	Materijal Material	Napomena Remark
433.003	vijak 3.5x13 DIN 7981 screw 3.5x13 DIN 7981		Inox A2	
433.007	vijak 3.5x25 DIN 7981 screw 3.5x25 DIN 7981		Inox A2	
433.030	vijak 4.2x19 DIN 7981 screw 4.2x19 DIN 7981		Inox A2	
433.031	vijak 4.2x22 DIN 7981 screw 4.2x22 DIN 7981		Inox A2	
433.032	vijak 4.2x25 DIN 7981 screw 4.2x25 DIN 7981		Inox A2	
433.033	vijak 4.2x32 DIN 7981 screw 4.2x32 DIN 7981		Inox A2	
433.036	vijak 4.2x45 DIN 7981 screw 4.2x45 DIN 7981		Inox A2	
433.043	vijak 4.8x19 DIN 7981 screw 4.8x19 DIN 7981		Inox A2	
433.045	vijak 4.8x25 DIN 7981 screw 4.8x25 DIN 7981		Inox A2	
433.047	vijak 4.8x38 DIN 7981 screw 4.8x38 DIN 7981		Inox A2	
433.049	vijak 4.8x45 DIN 7981 screw 4.8x45 DIN 7981		Inox A2	
433.129	vijak 4.8x16 DIN 7982 screw 4.8x16 DIN 7982		Inox A2	
433.133	vijak 4.8x32 DIN 7982 screw 4.8x32 DIN 7982			
430.188	udarna tipla sa vijkom (fischer N5x30 S) hammer fix plugs with pre-fitted nails (fischer N5x30 S)		Inox A2	
430.183	turbo vijak (fischer FFS 7.5 x 52) turbo screw (fischer FFS 7.5 x 52)			
430.184	turbo vijak (fischer FFS 7.5 x 62) turbo screw (fischer FFS 7.5 x 62)		Inox A2	
430.073	turbo vijak (fischer FFS 7.5 x 72) turbo screw (fischer FFS 7.5 x 72)		Inox A2	
12.2022				208.08.006

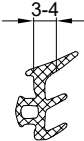
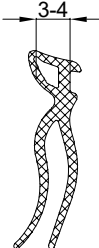
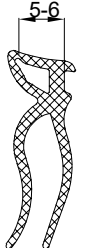
Prikaz stakljenja Glazing

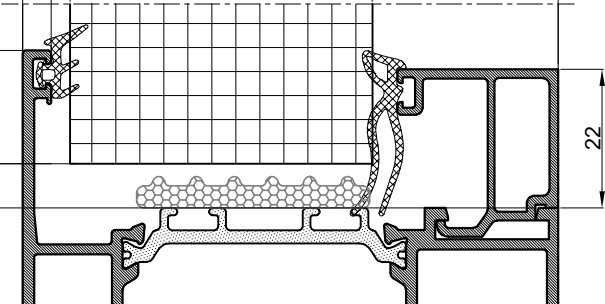
PREPORUKE ZA RASPORED PODMETAČA KOD UGRADNJE ELEMENATA ZA ISPUNU RECOMMENDATION FOR PACKERS PLACEMENT BY INSTALLATION OF FILLINGS



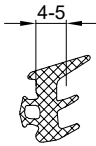
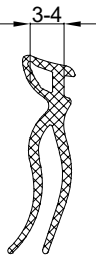
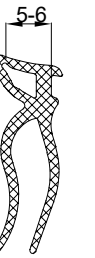
-  nosivi podmetač
support packer
-  odstojni podmetač
distance packer

Materijal podmetača: PVC
Material packers: PVC

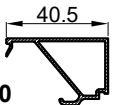
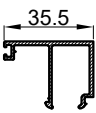
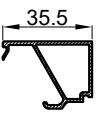
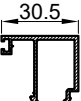
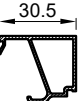
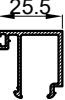
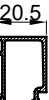
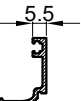
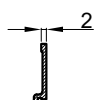
M 3:1			
Vanjska brtva Outside gasket	Unutarnje brtve Inside gaskets		
321.002	311.003	311.004	
			

4.5	80.5	M 2.5:1
		

Ispuna X Fillings X	Vanjska brtva Exterior gasket	Unutarnja brtva Interior gasket	STAKLO LAJSNE GLAZING BEAD		
30-31	321.002	311.004			
32-33	321.002	311.003			
34	321.002	311.003			
35-36	321.002	311.004			
37-38	321.002	311.003			
39	321.002	311.003			
40-41	321.002	311.004			
42-43	321.002	311.003			
44	321.002	311.003			
45-46	321.002	311.004			
47-48	321.002	311.003			
49	321.002	311.003			
50-51	321.002	311.004			
52-53	321.002	311.003			
54	321.002	311.003			
55-56	321.002	311.004			
57-58	321.002	311.003			
59	321.002	311.003			
60-61	321.002	311.004			
62-63	321.002	311.003			
64	321.002	311.003			
65-66	321.002	311.004			
67-68	321.002	311.003			
69	321.002	311.003			
70-71	321.002	311.003			
72	321.002	311.003			

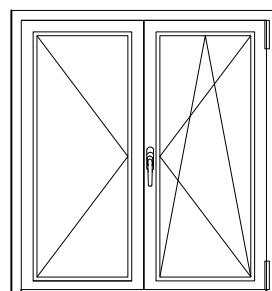
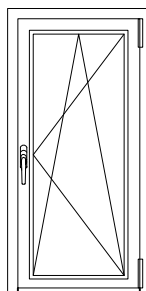
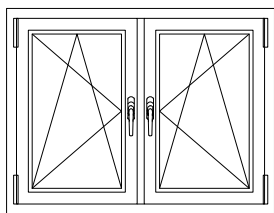
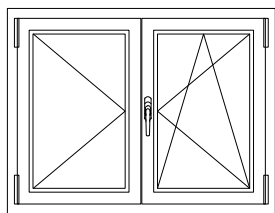
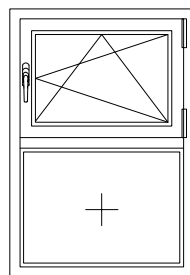
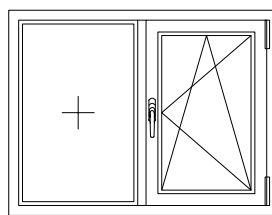
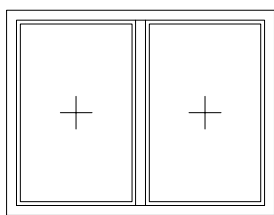
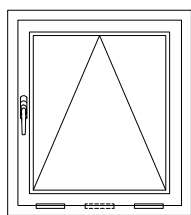
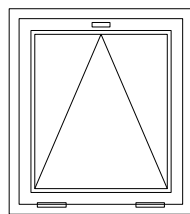
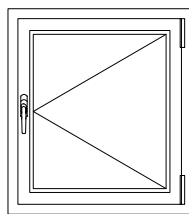
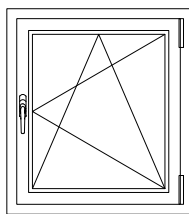
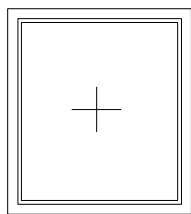
M 3:1			
Vanjska brtva Outside gasket	Unutarnje brtve Inside gaskets		
321.003	311.003	311.004	
			

4.5		88.5		M 2.5:1
		X		
15	7			22
		107.5		

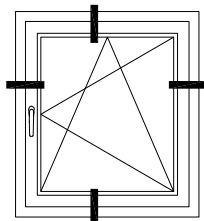
Ispuna X Fillings X	Vanjska brtva Exterior gasket	Unutarnja brtva Interior gasket	STAKLO LAJSNE GLAZING BEAD		
37-38	321.003	311.004			
39-40	321.003	311.003			
41	321.003	311.003			
42-43	321.003	311.004			
44-45	321.003	311.003			
46	321.003	311.003			
47-48	321.003	311.004			
49-50	321.003	311.003			
51	321.003	311.003			
52-53	321.003	311.004			
54-55	321.003	311.003			
56	321.003	311.003			
57-58	321.003	311.004			
59-60	321.003	311.003			
61	321.003	311.003			
62-63	321.003	311.004			
64-65	321.003	311.003			
66	321.003	311.003			
67-68	321.003	311.004			
69-70	321.003	311.003			
71	321.003	311.003			
72-73	321.003	311.004			
74-75	321.003	311.003			
76	321.003	311.003			
77-78	321.003	311.003			
79	321.003	311.003			

Presjeci

Cross sections

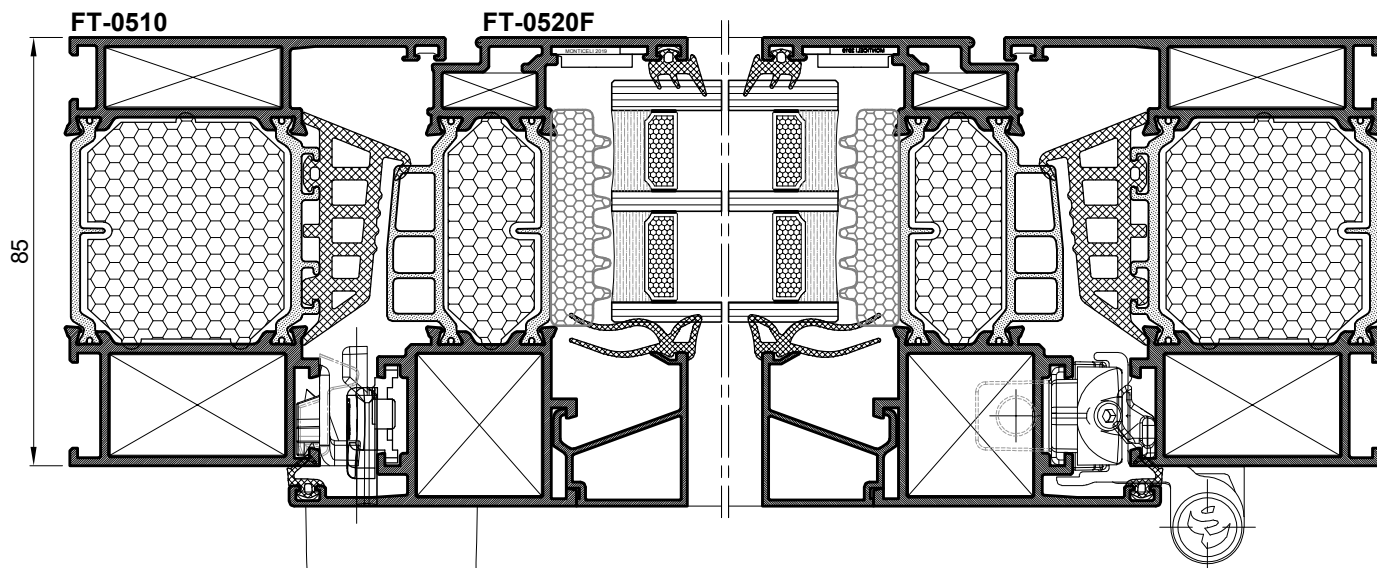
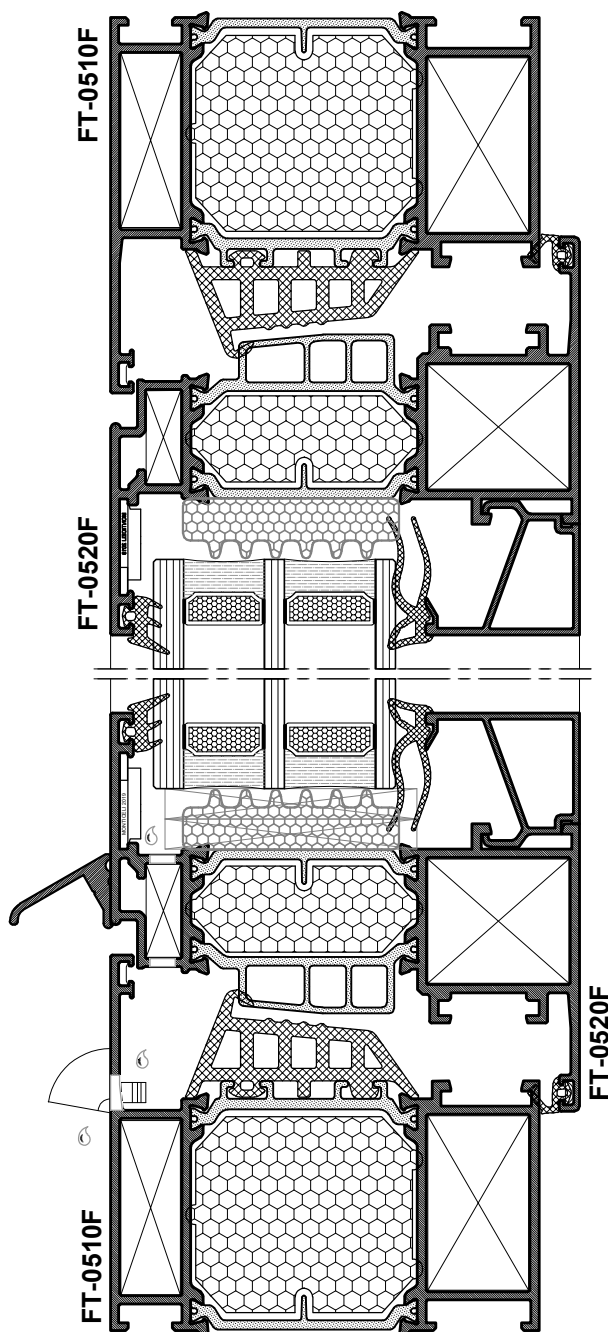
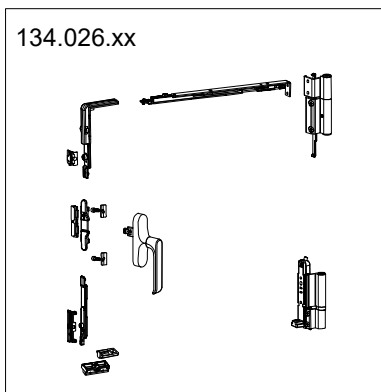


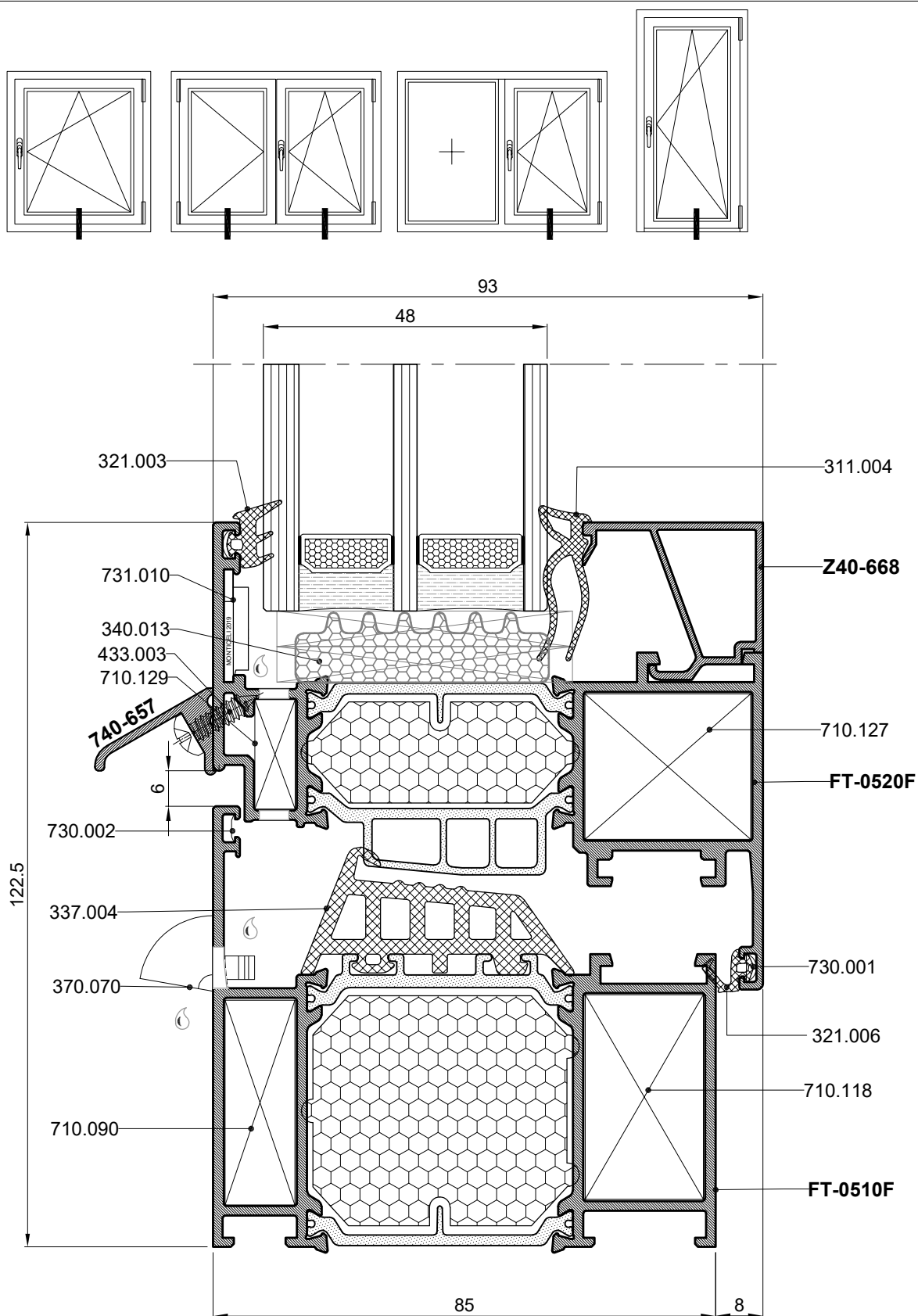
OTKLOPNO ZAOKRETNI PROZOR TILT & TURN WINDOW

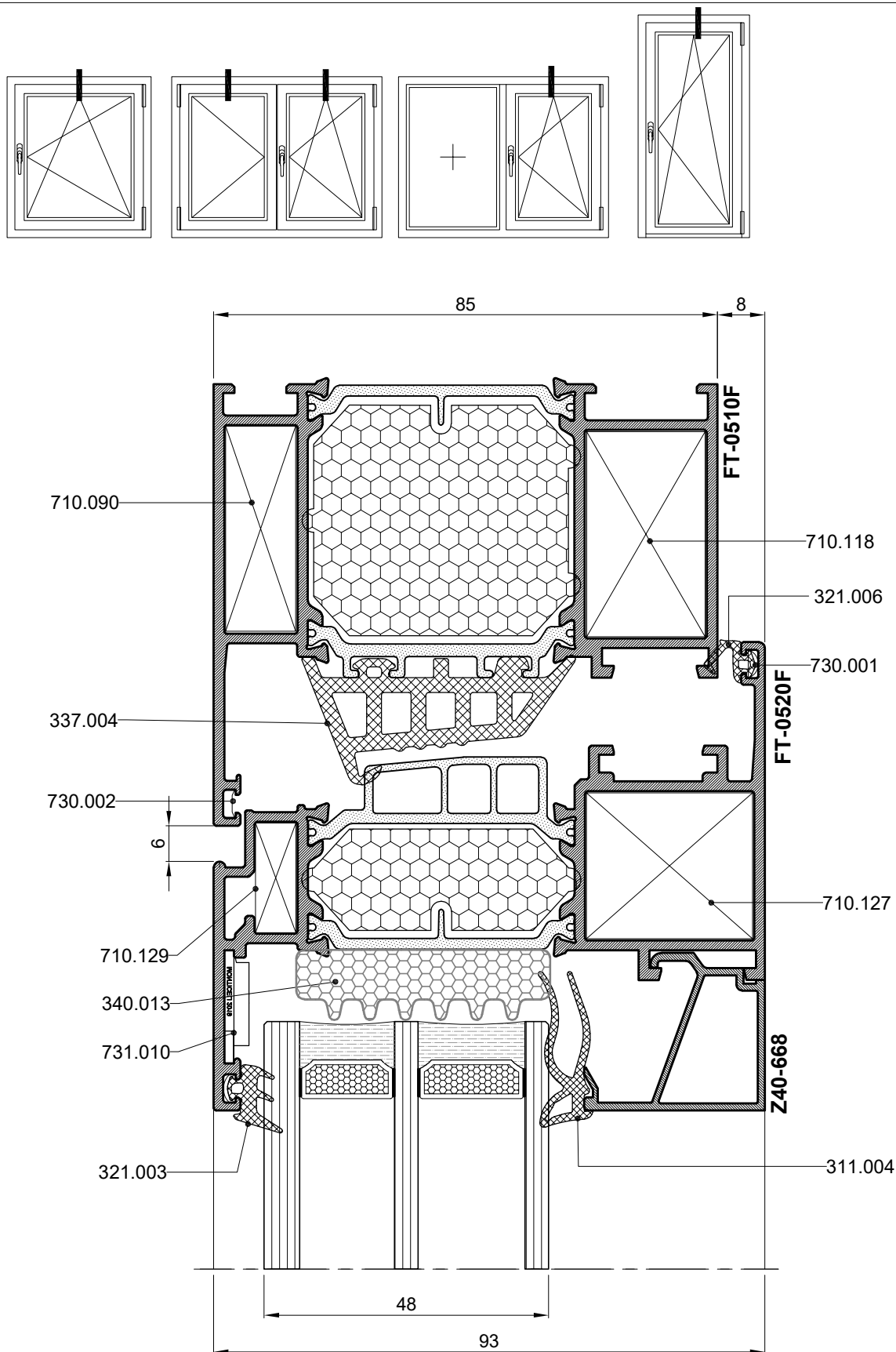


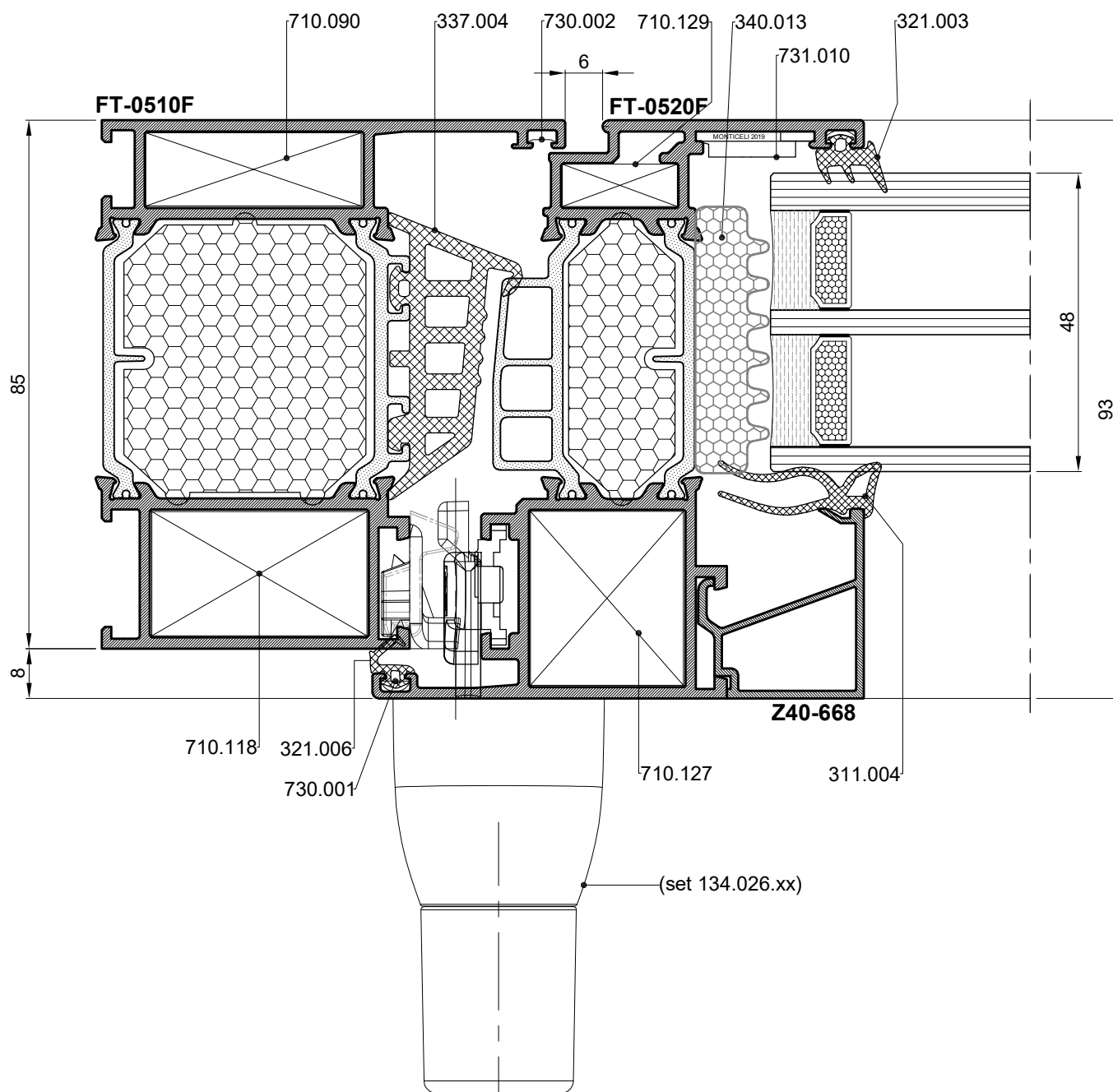
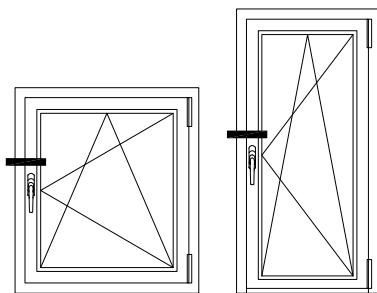
(Otklopno-zaokretni mehanizam- Stublina)
(Tilt & turn mechanism- Stublina)

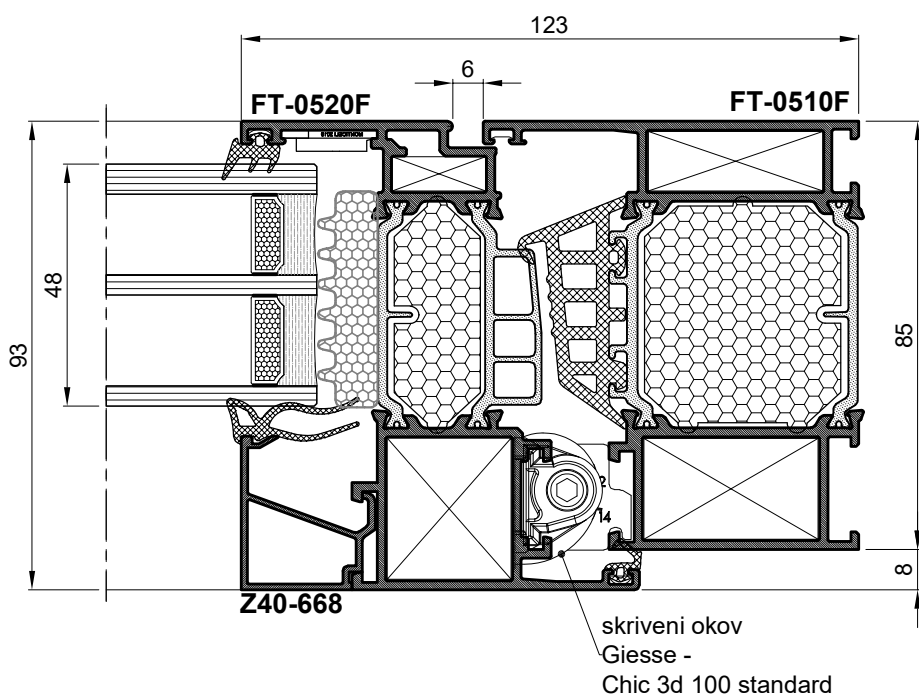
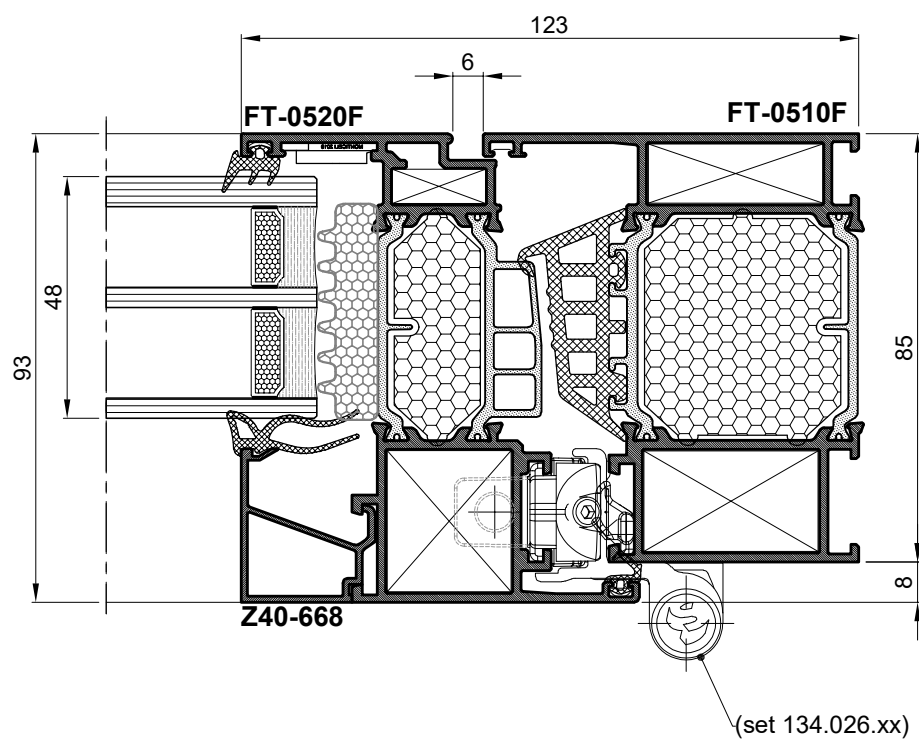
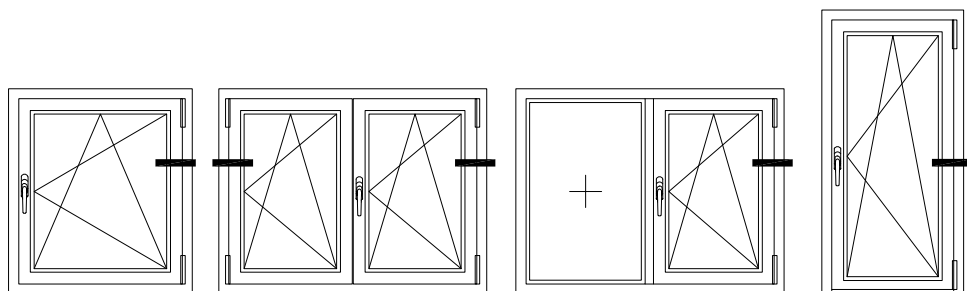
134.026.xx

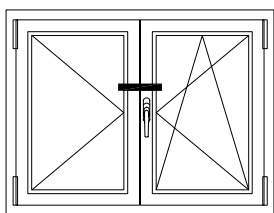






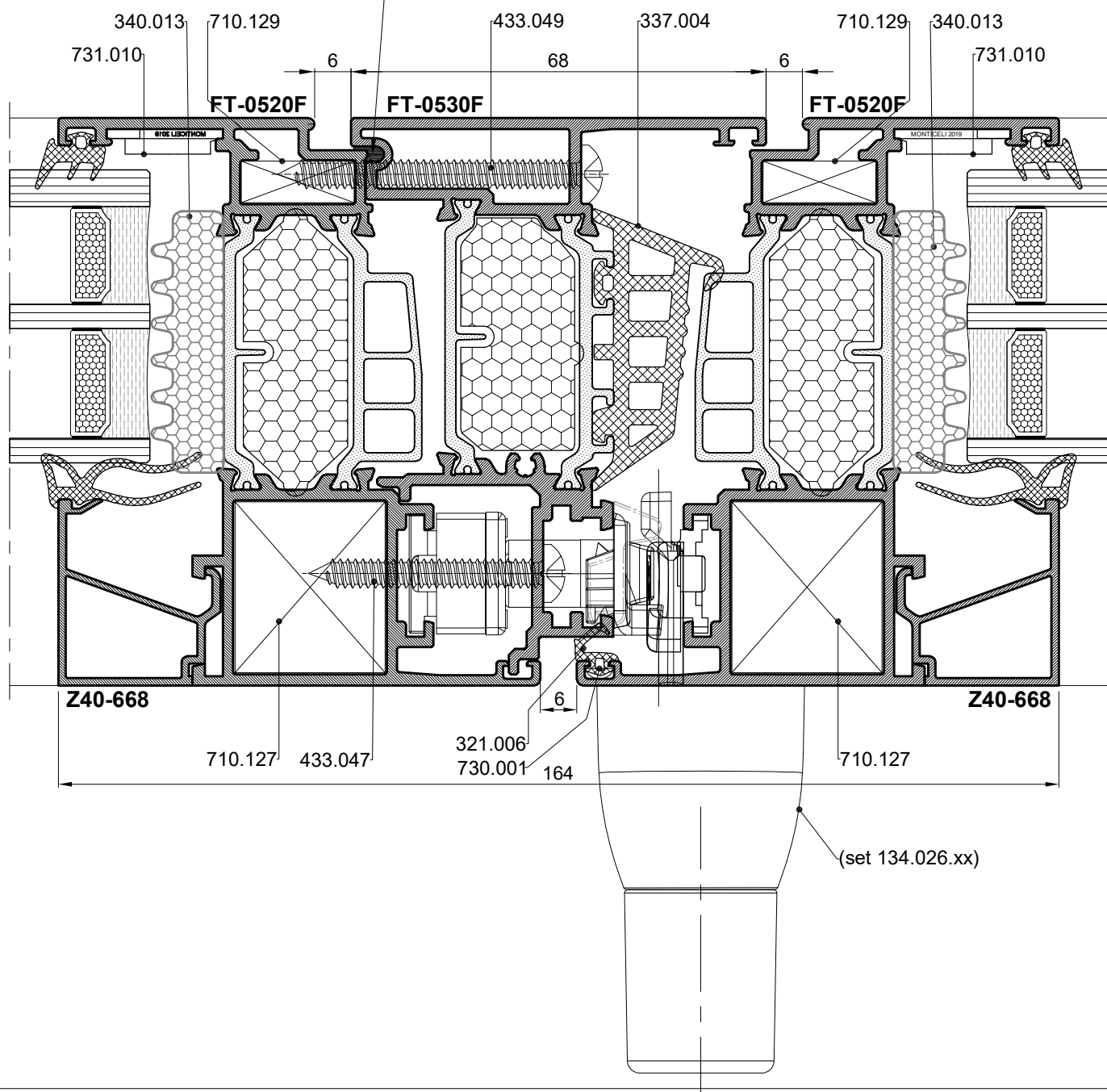
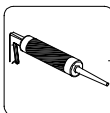


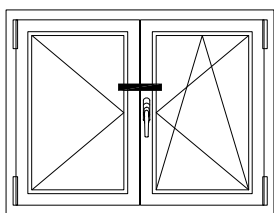




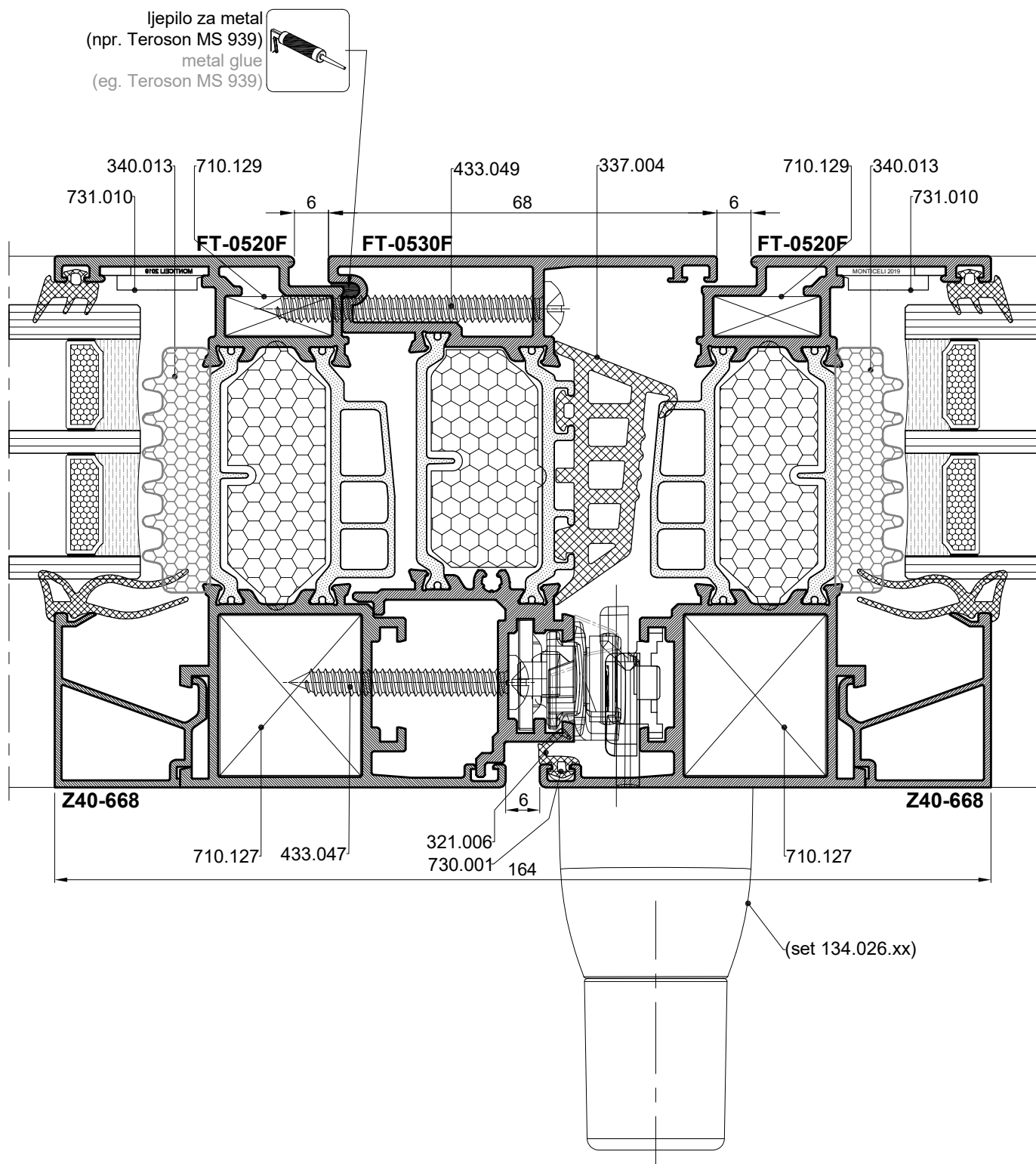
Okov za fiksiranje pomoćnog krila
(montiranje okova u krilo)
Locking mechanism for auxiliary sash
(mechanism in the sash)

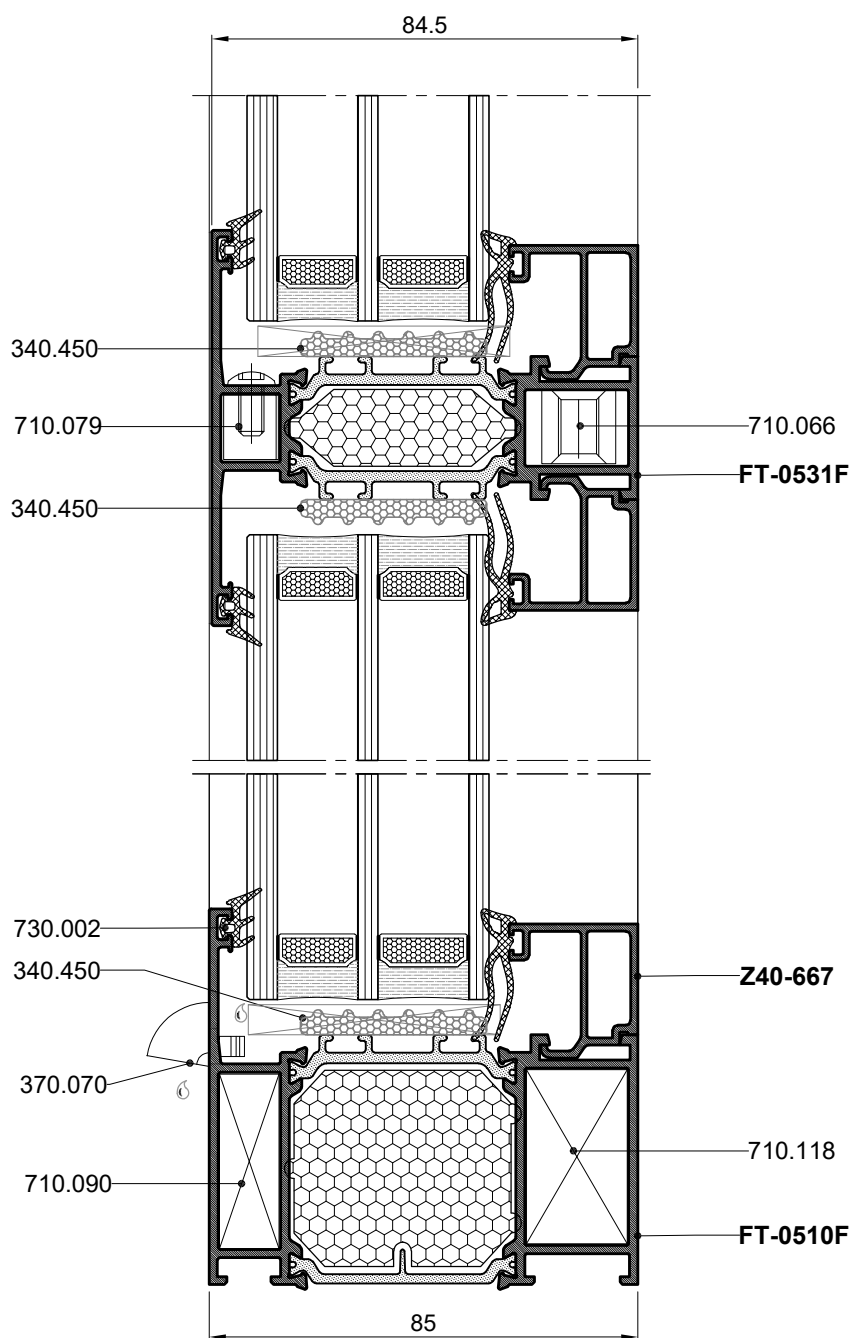
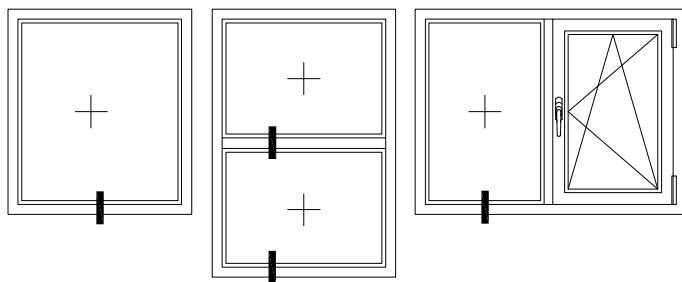
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

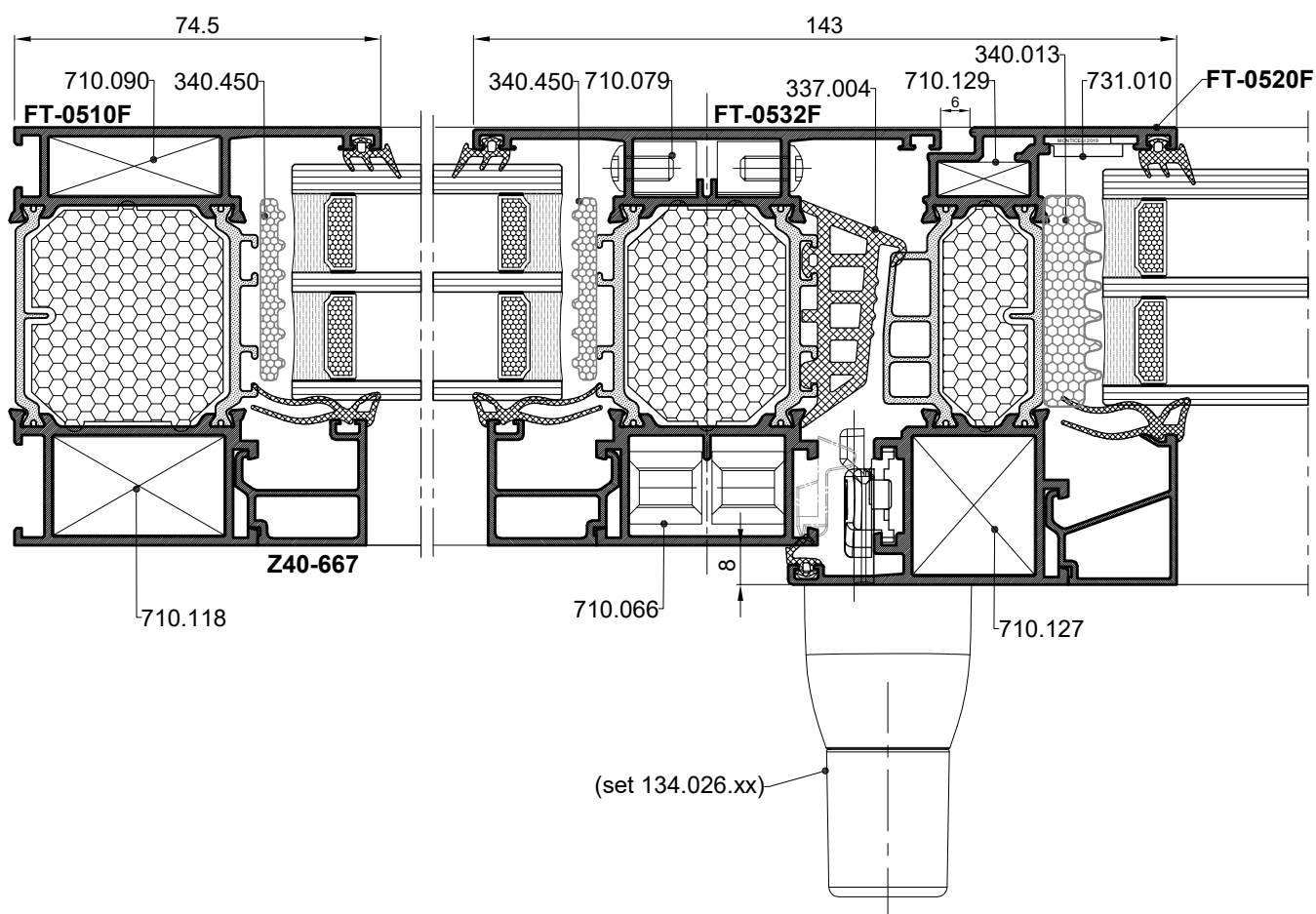
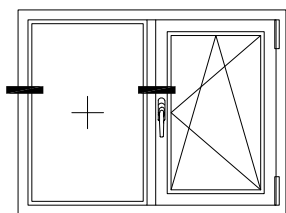


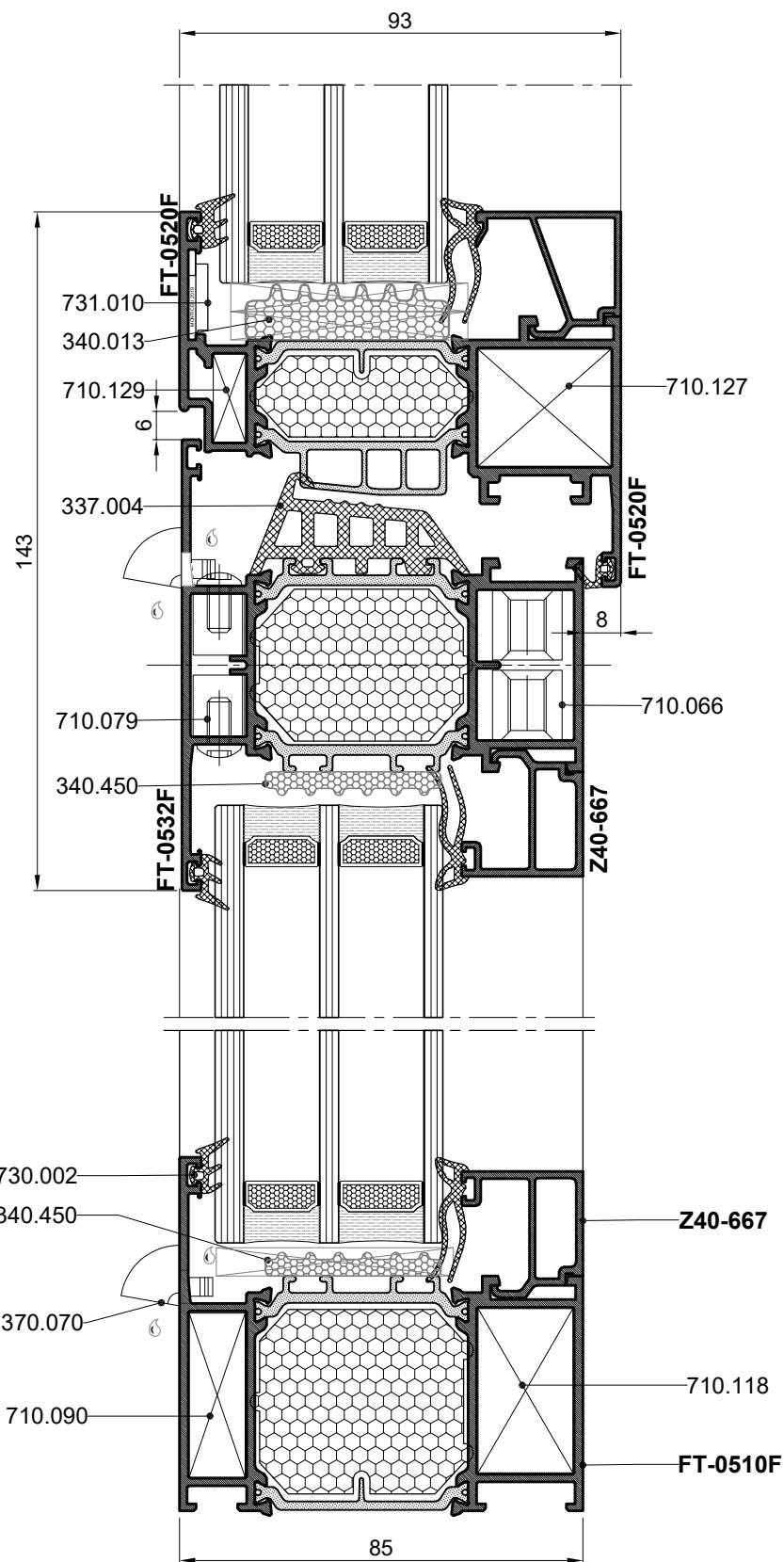
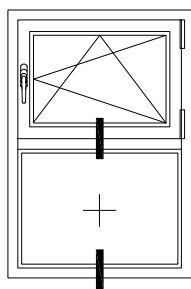


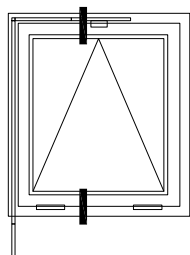
Okov za fiksiranje pomoćnog krila
(montiranje okova u kombatutu)
Locking mechanism for auxiliary sash
(mechanism in the flaying mullion)



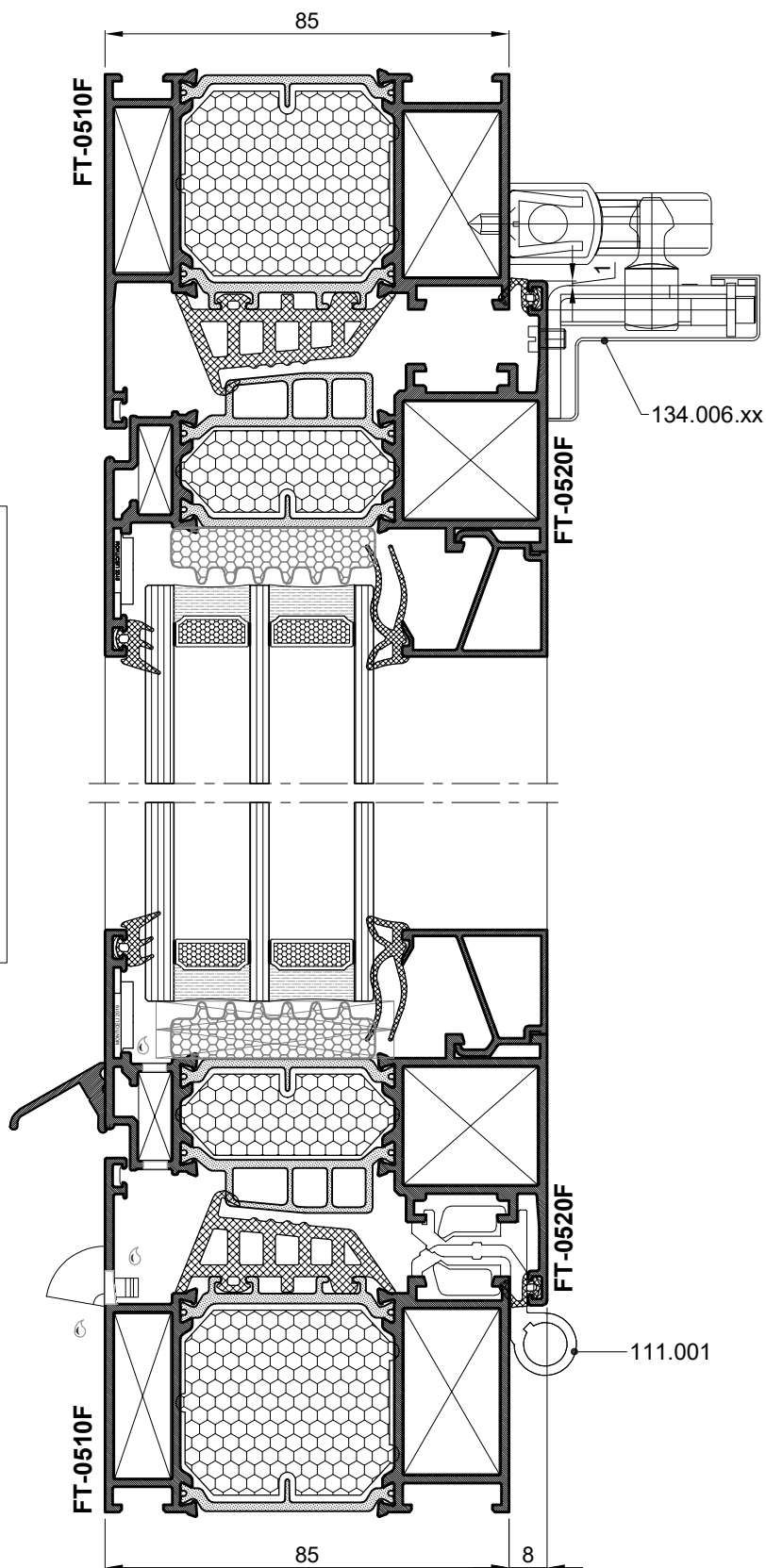
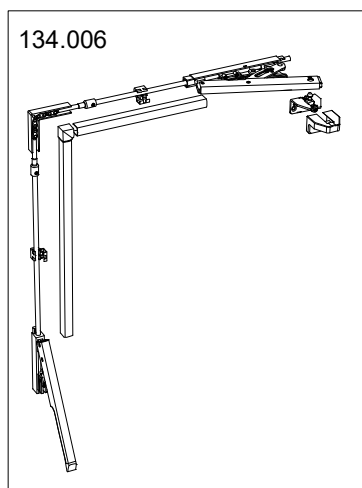




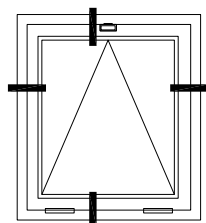




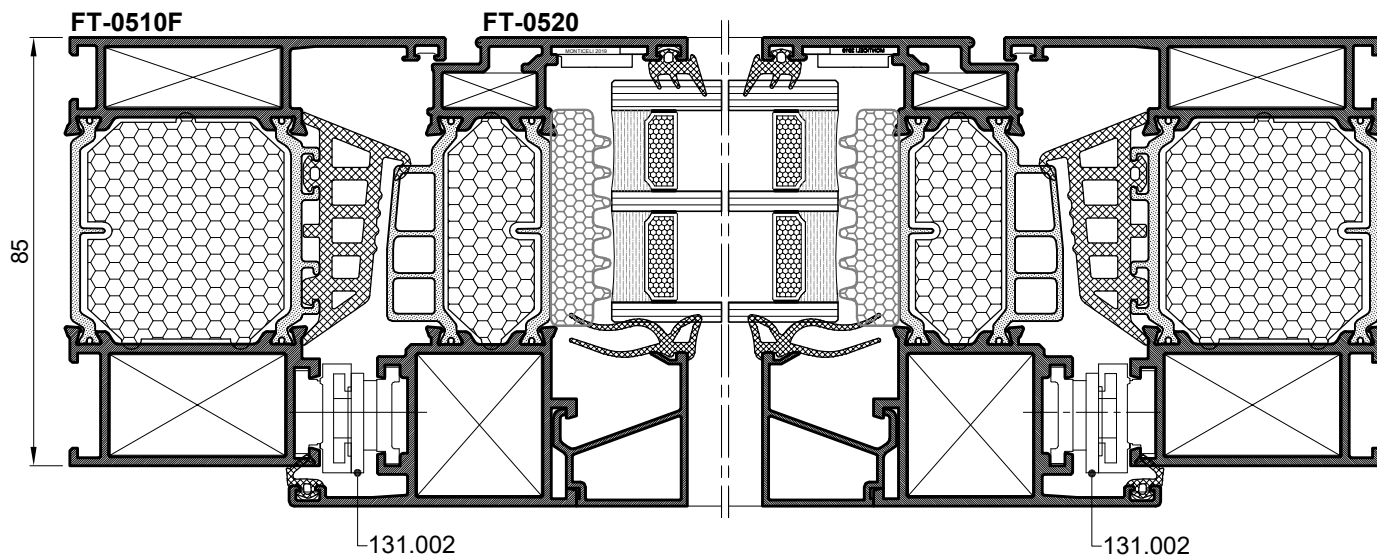
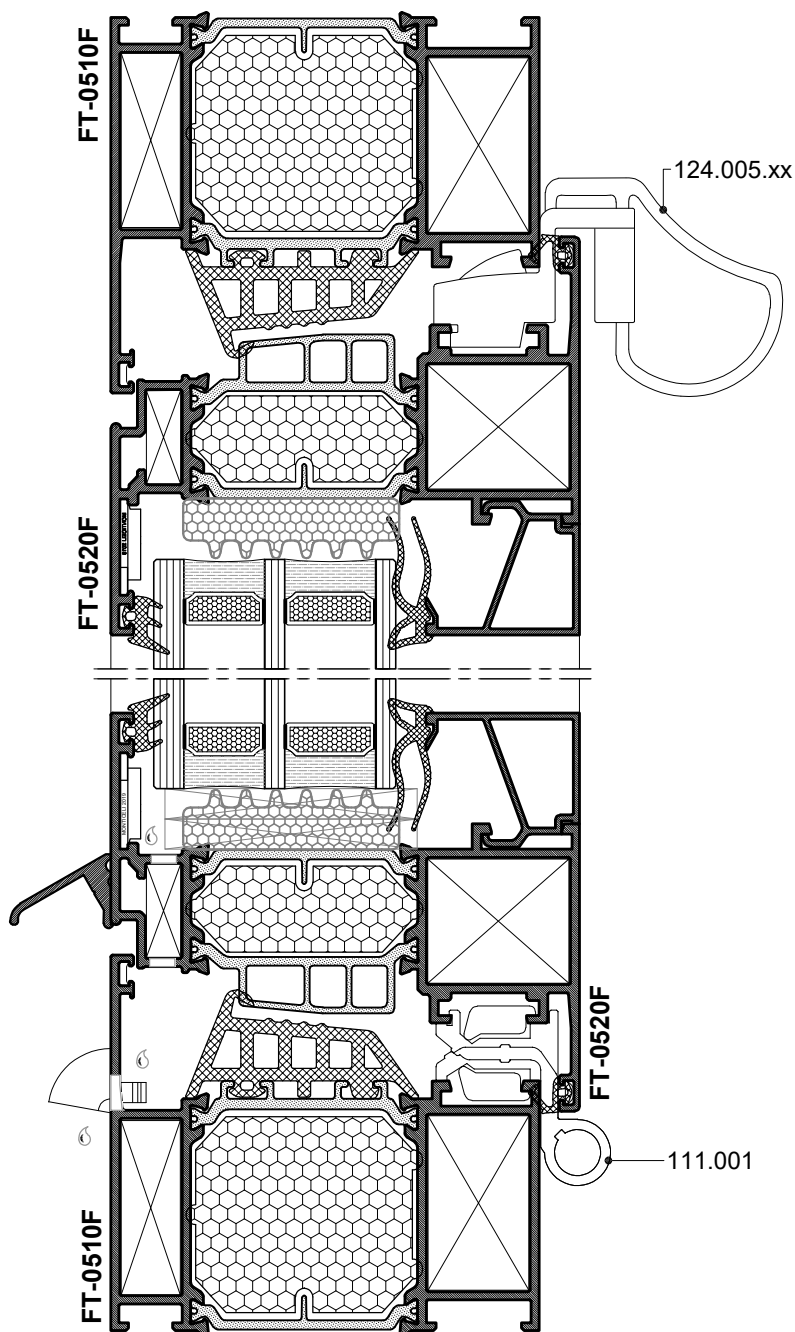
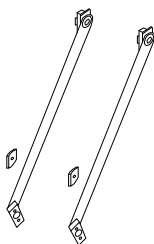
OTKLOPNI PROZOR - VENTUS sa ručkom za visinu - (134.006.xx)
TILT WINDOW - VENTUS with handle for height - (134.006.xx)



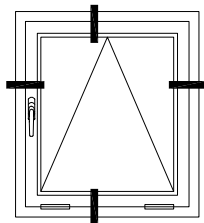
OTKLOPNI PROZOR - VENTUS
sa bravicom za zatvaranje (124.005.xx) i
škarama (131.002)
TILT WINDOW - VENTUS
with lock for closing (124.005.xx) and
friction stays (131.002)



131.002

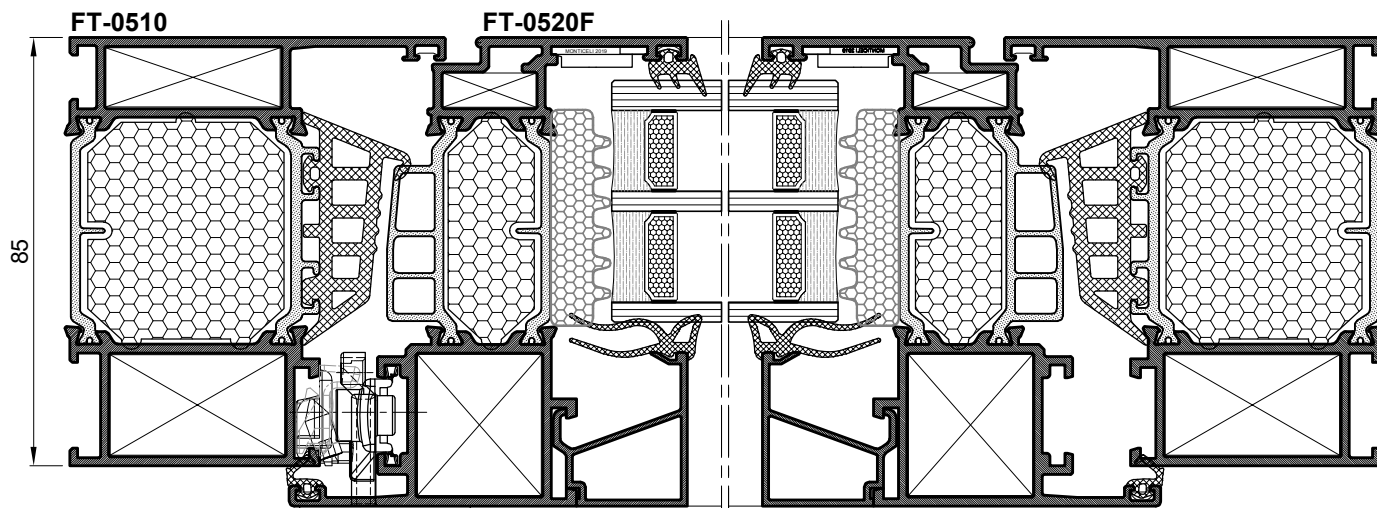
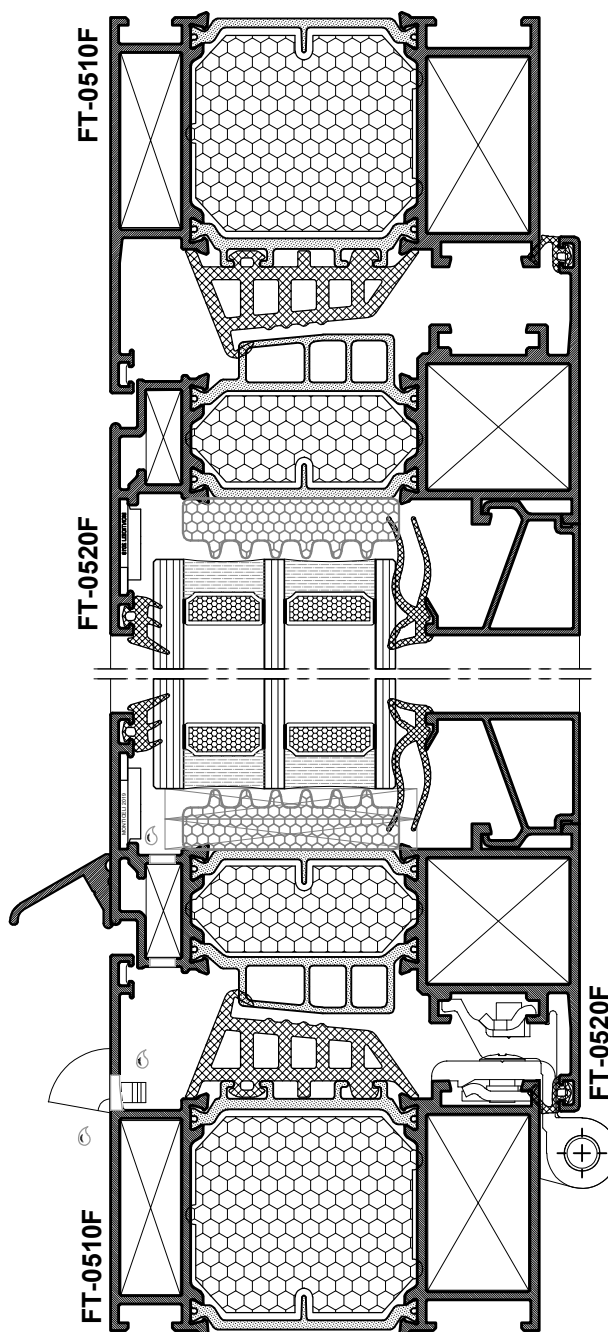
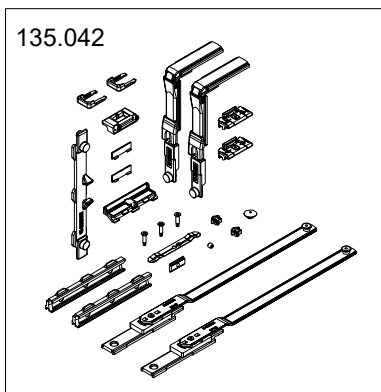


OTKLOPNI PROZOR - VENTUS
sa ručkom na okomici
TILT WINDOW - VENTUS
with the handle on the side

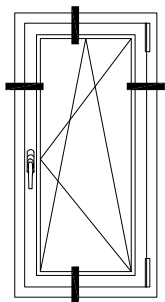


(Mehanizam za otklopni prozor - ventus
sa ručkom na okomici - Giesse)
(Mechanism for tilt window (ventus)
with the handle on the side - Giesse)

135.042

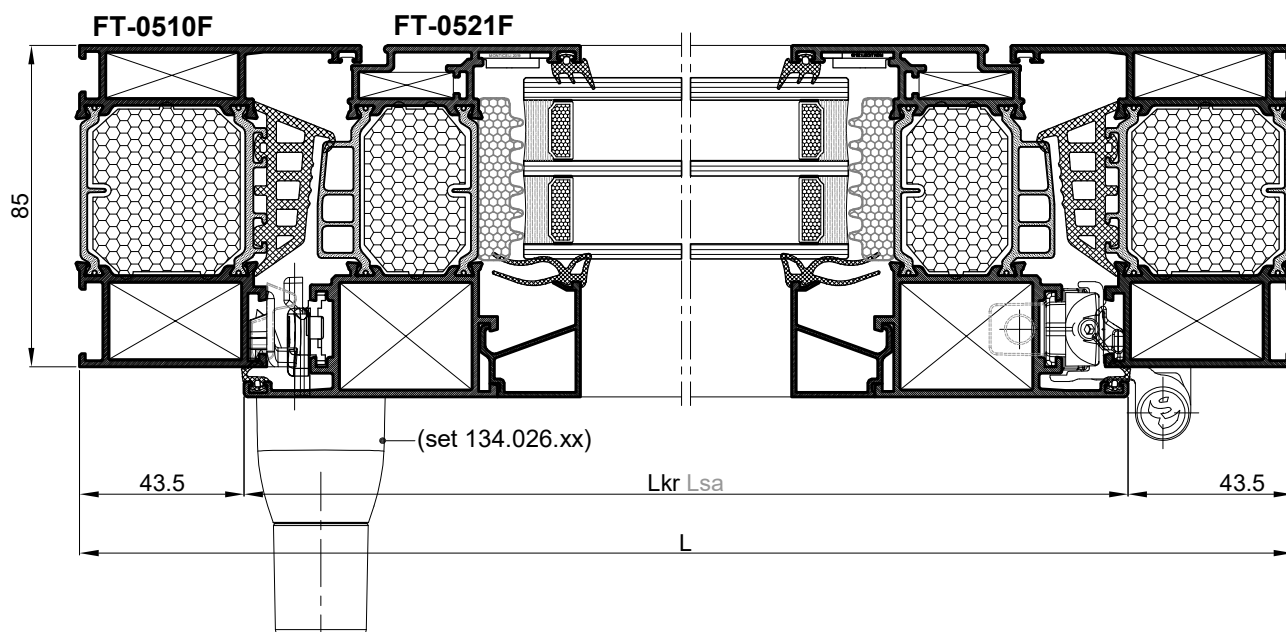
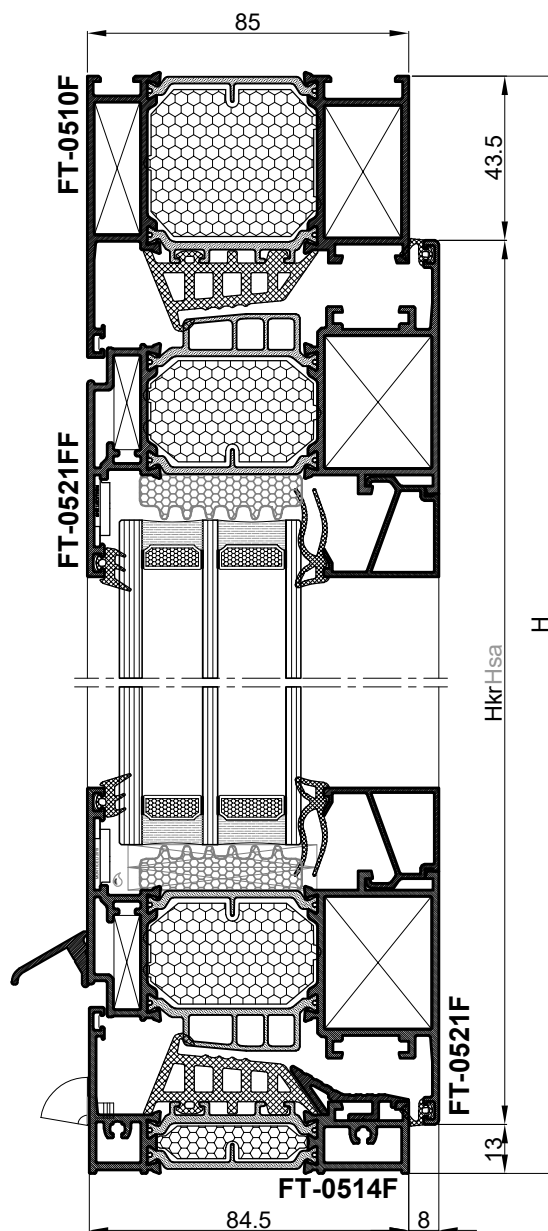
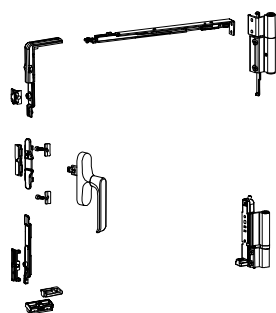


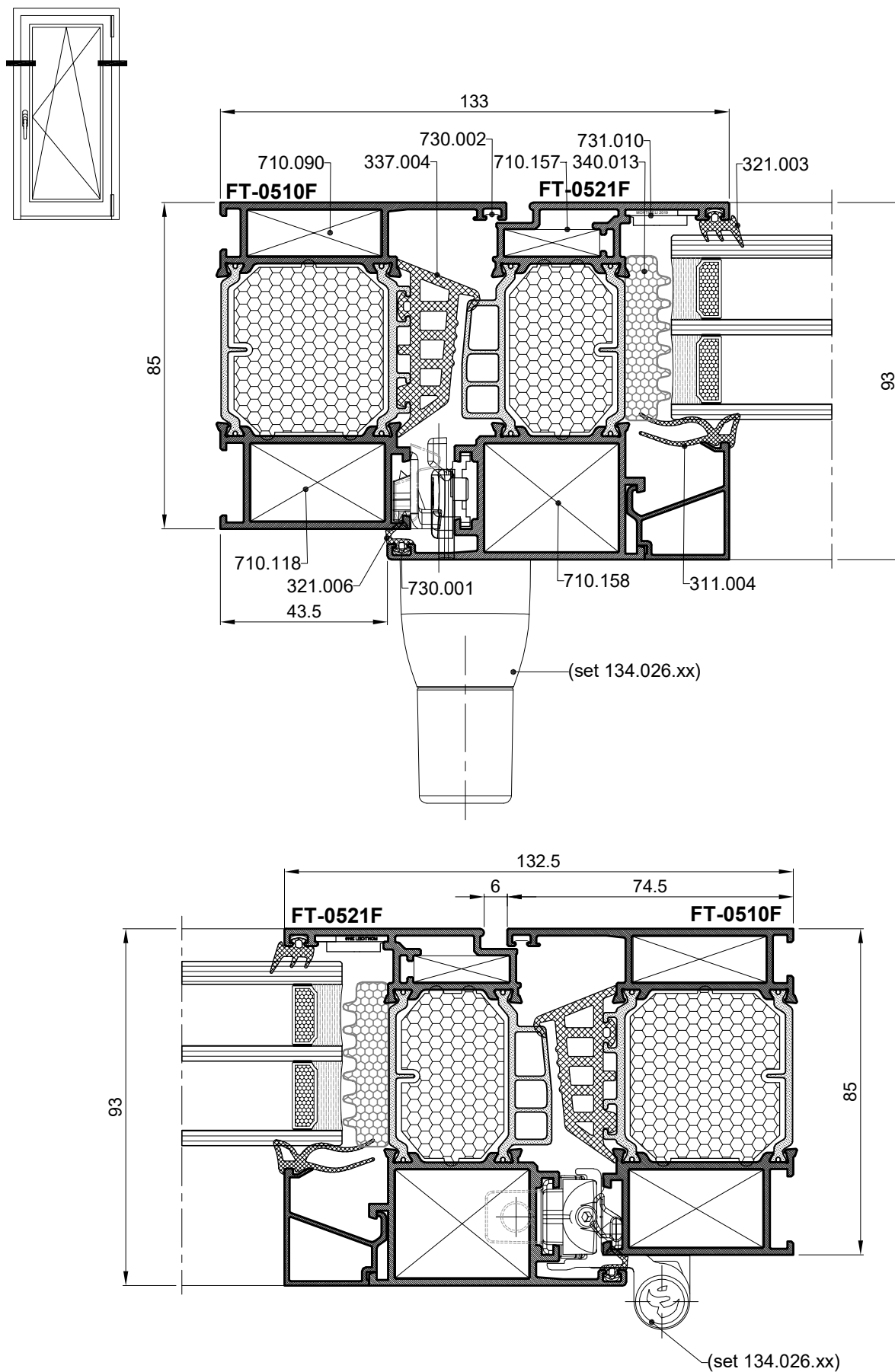
JEDNOKRILNA BALKONSKA VRATA
ONE-SASH BALCONY DOOR

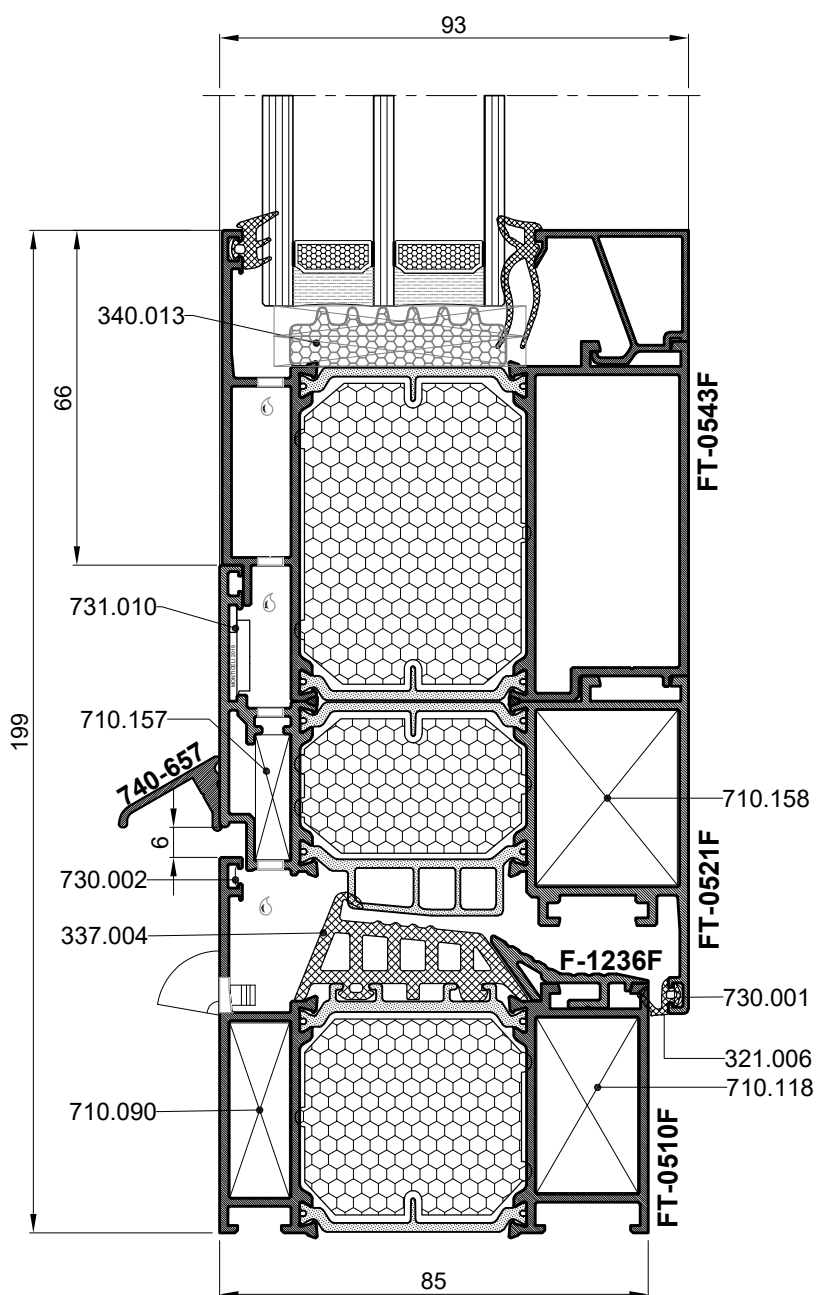
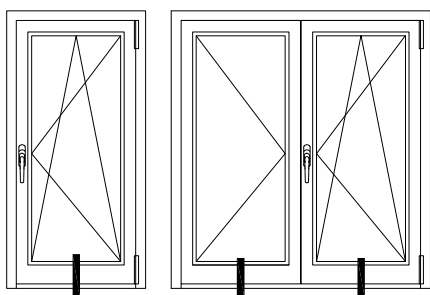


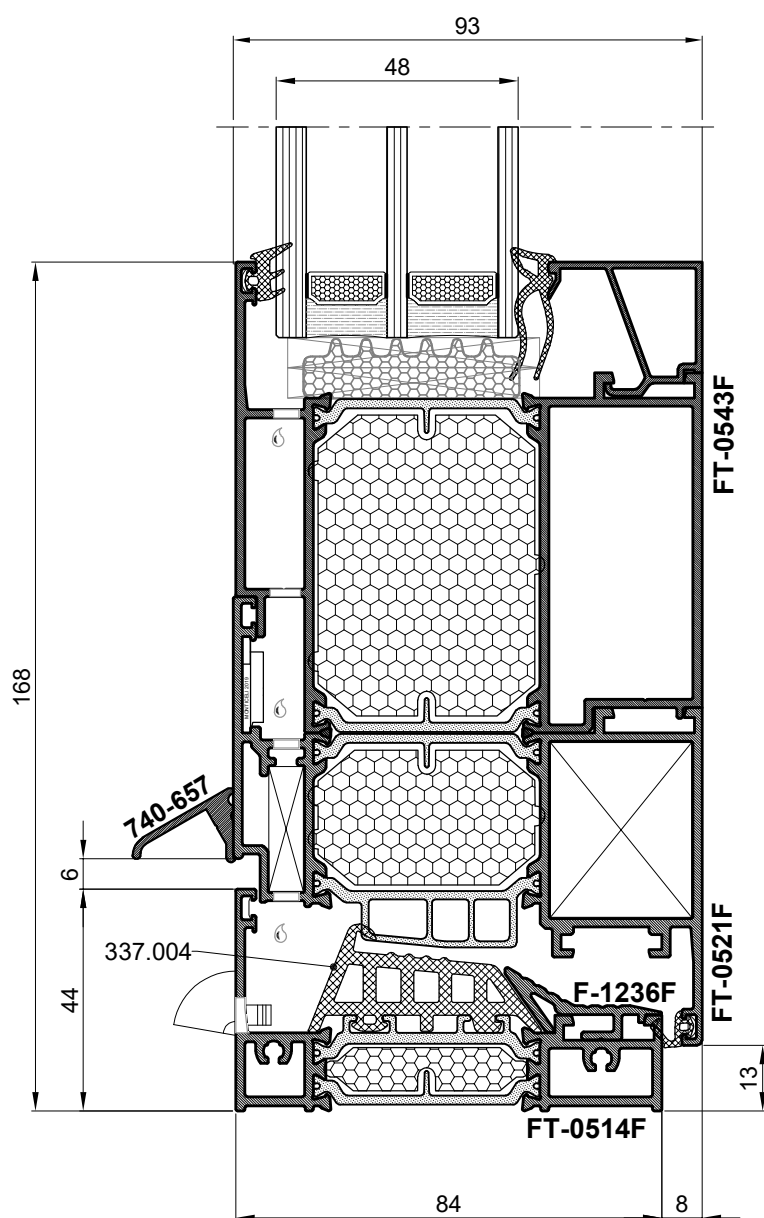
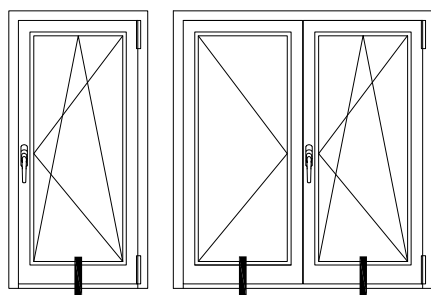
(Otklopno-zaokretni mehanizam- Stublina)
(Tilt & turn mechanism- Stublina)

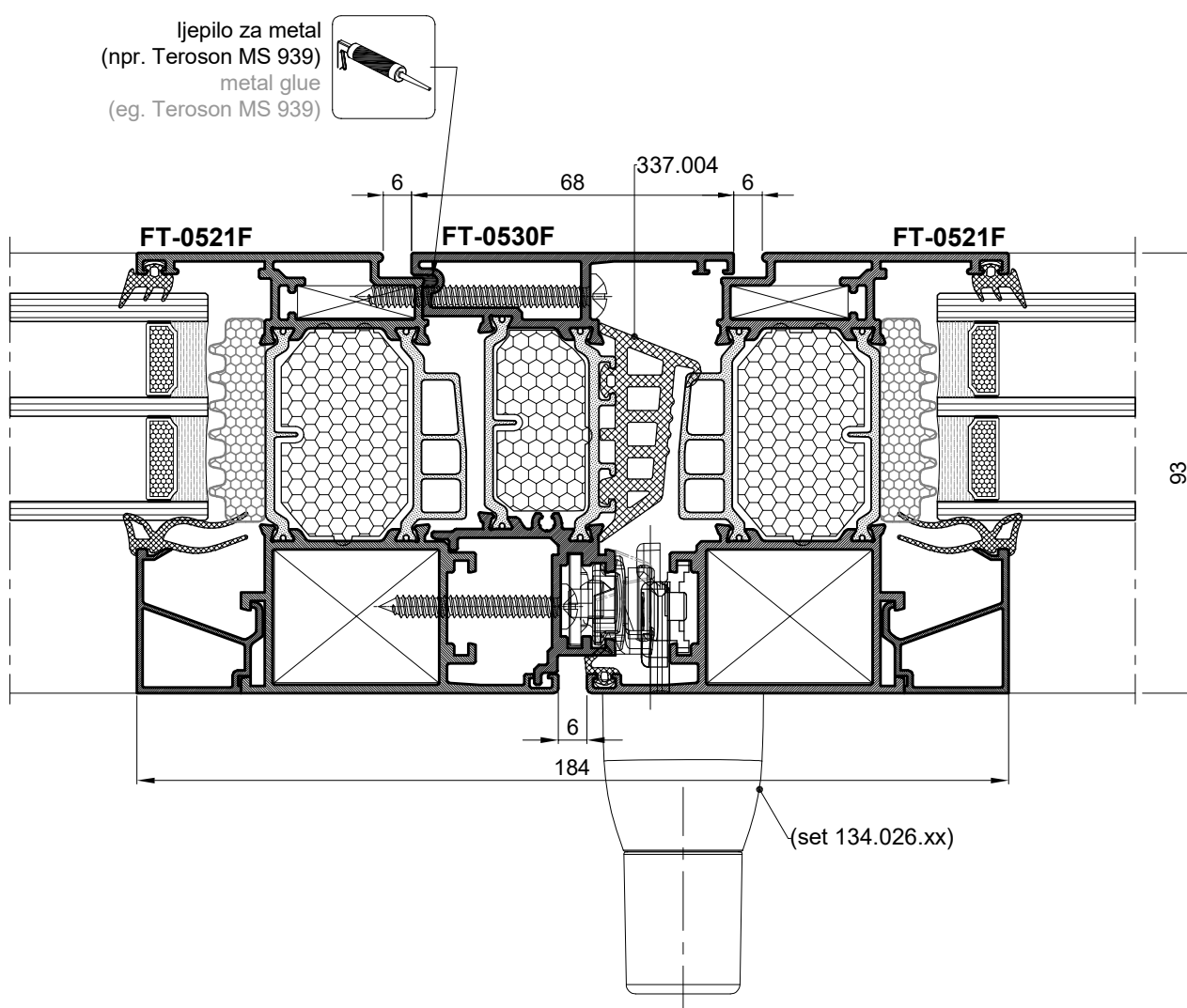
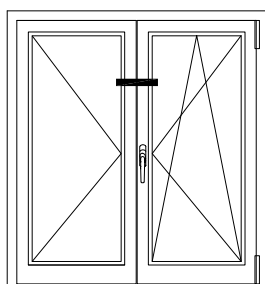
134.026.xx

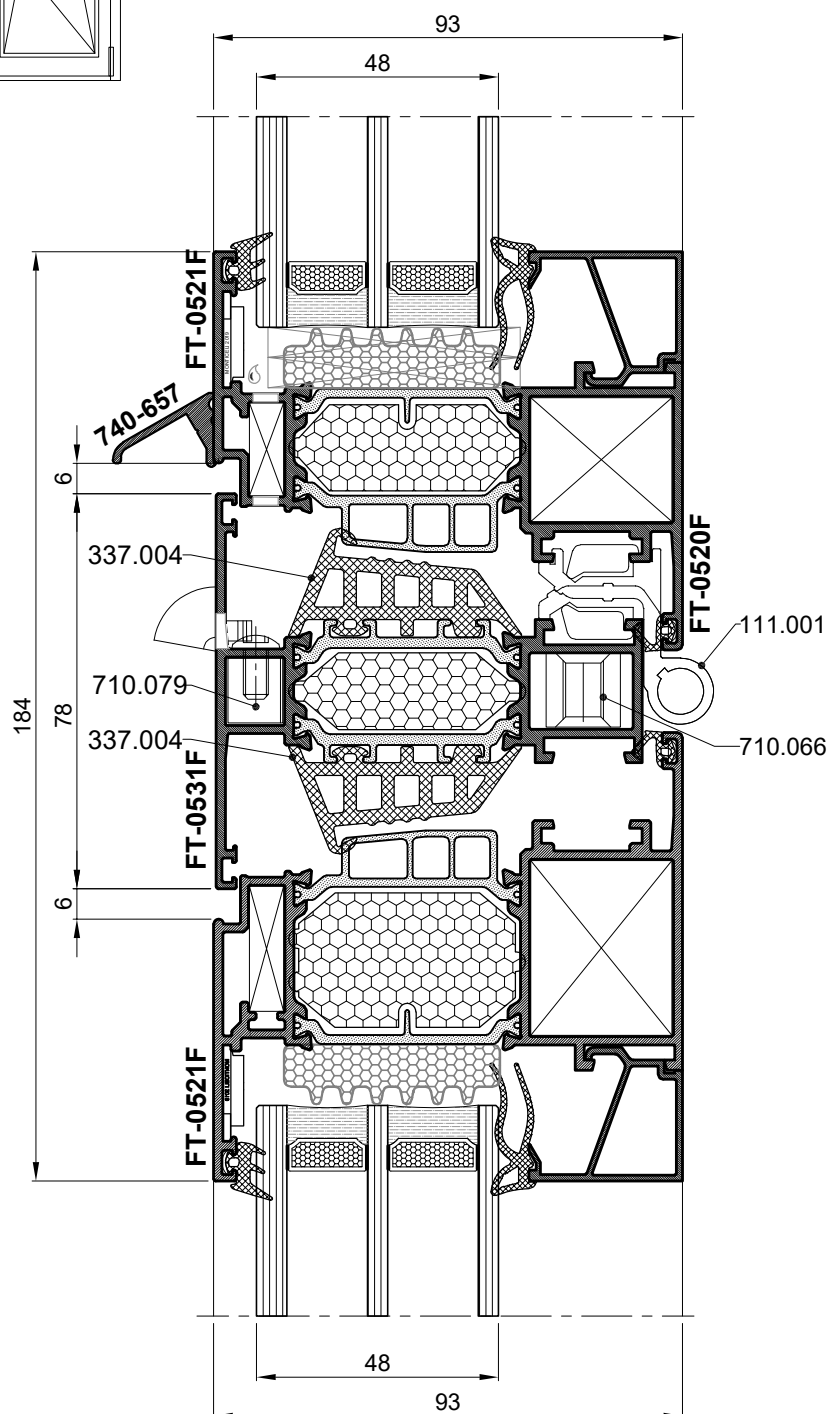
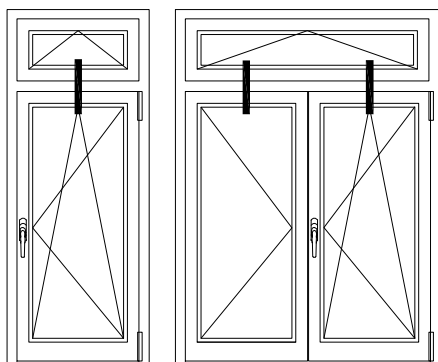


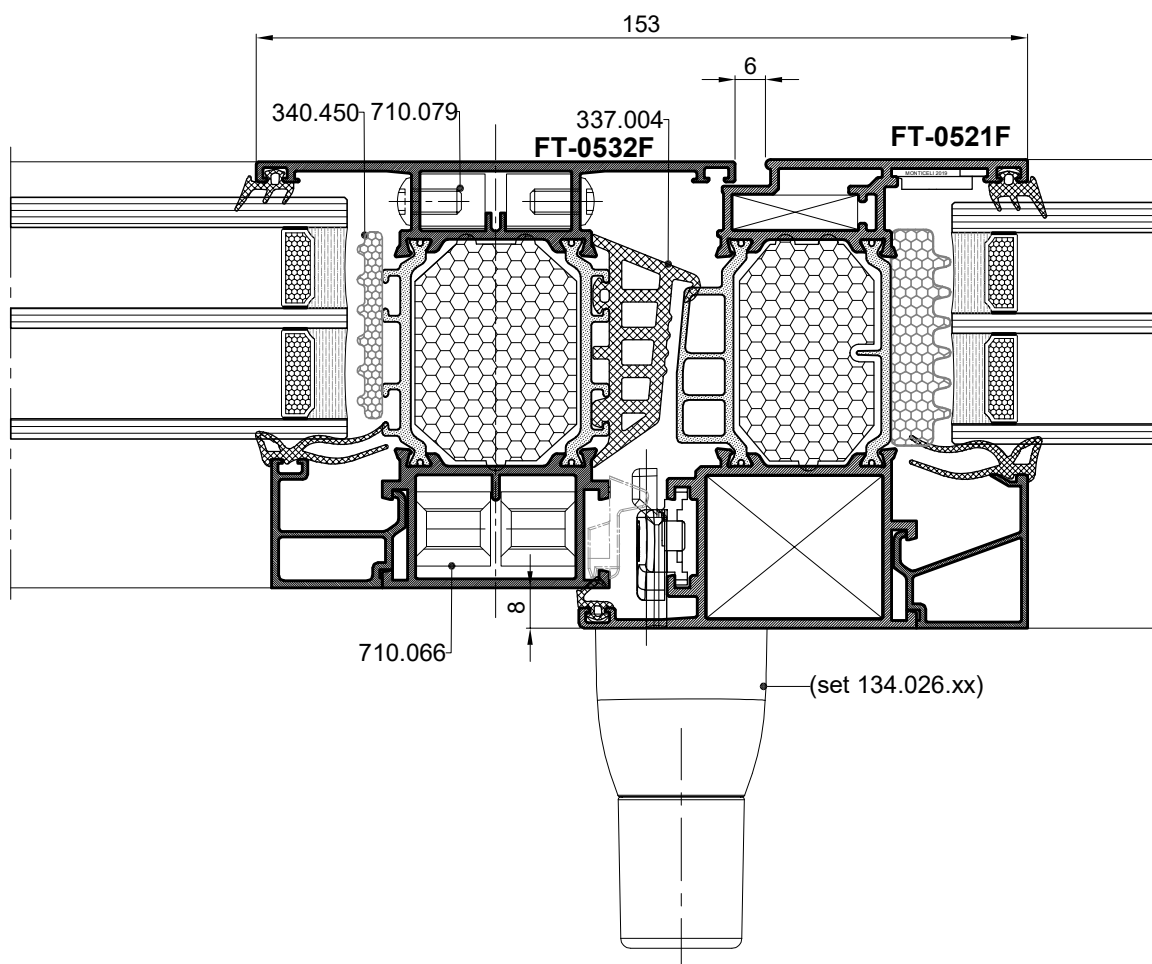
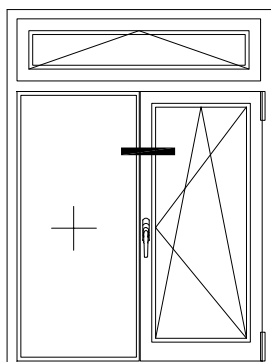


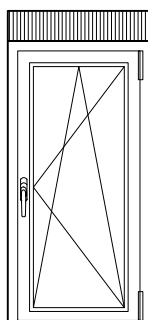
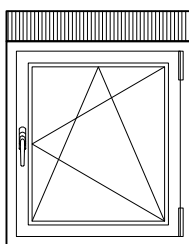
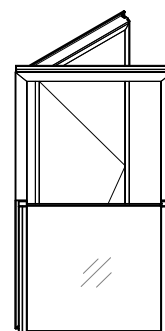
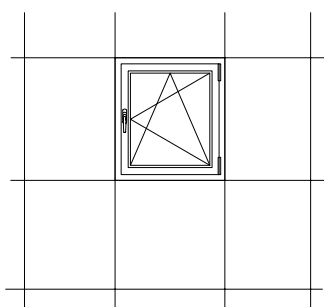
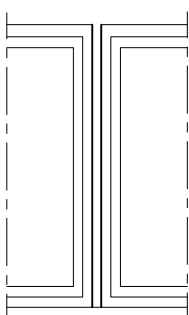
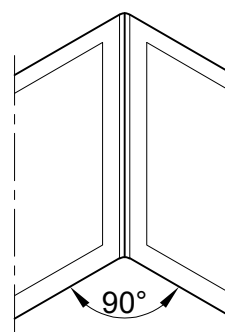
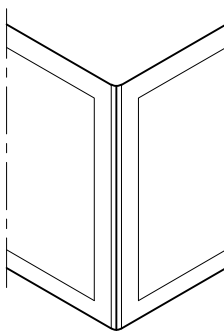
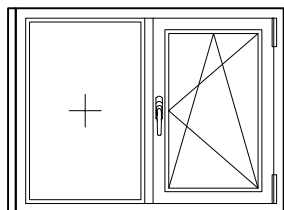


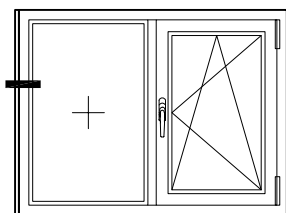




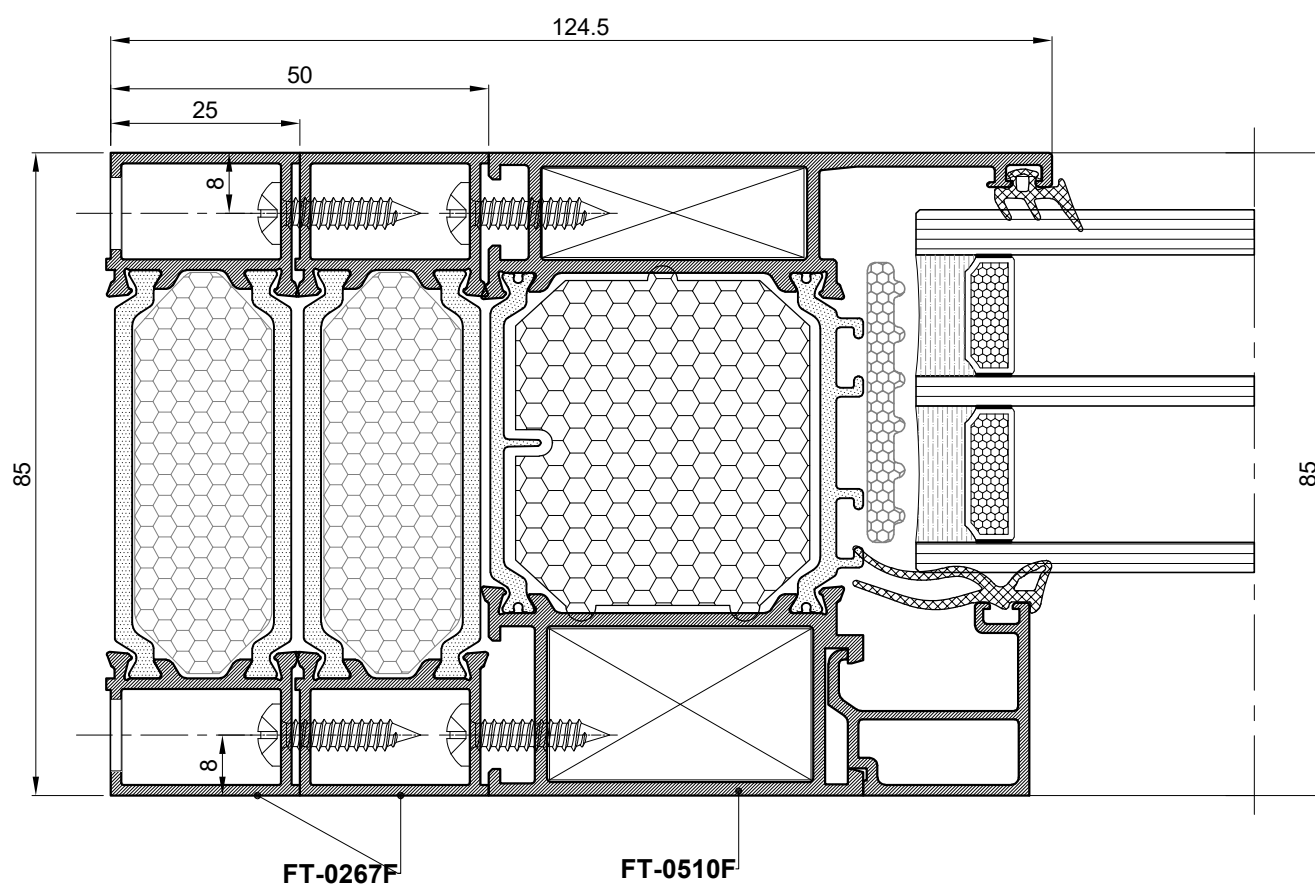


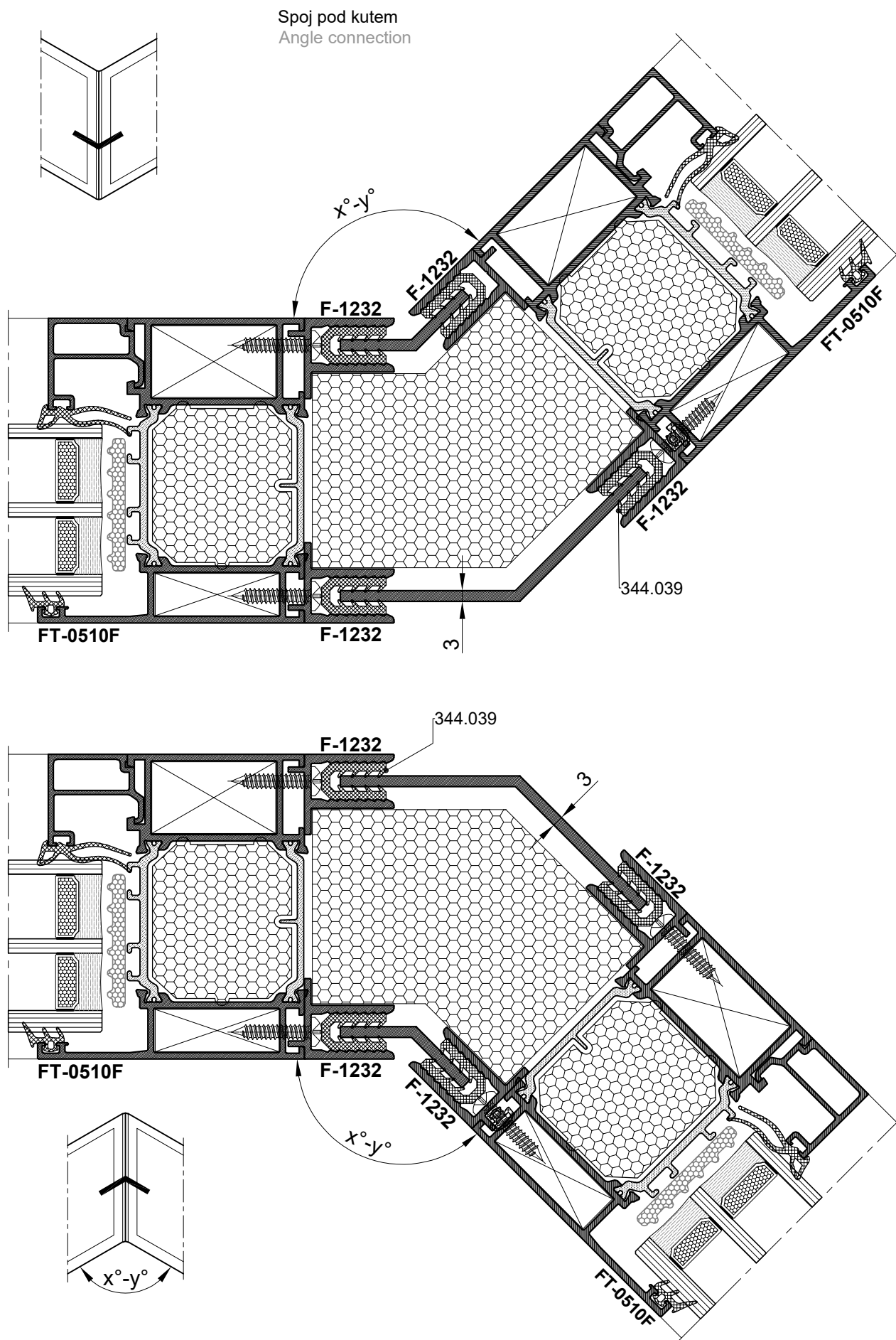






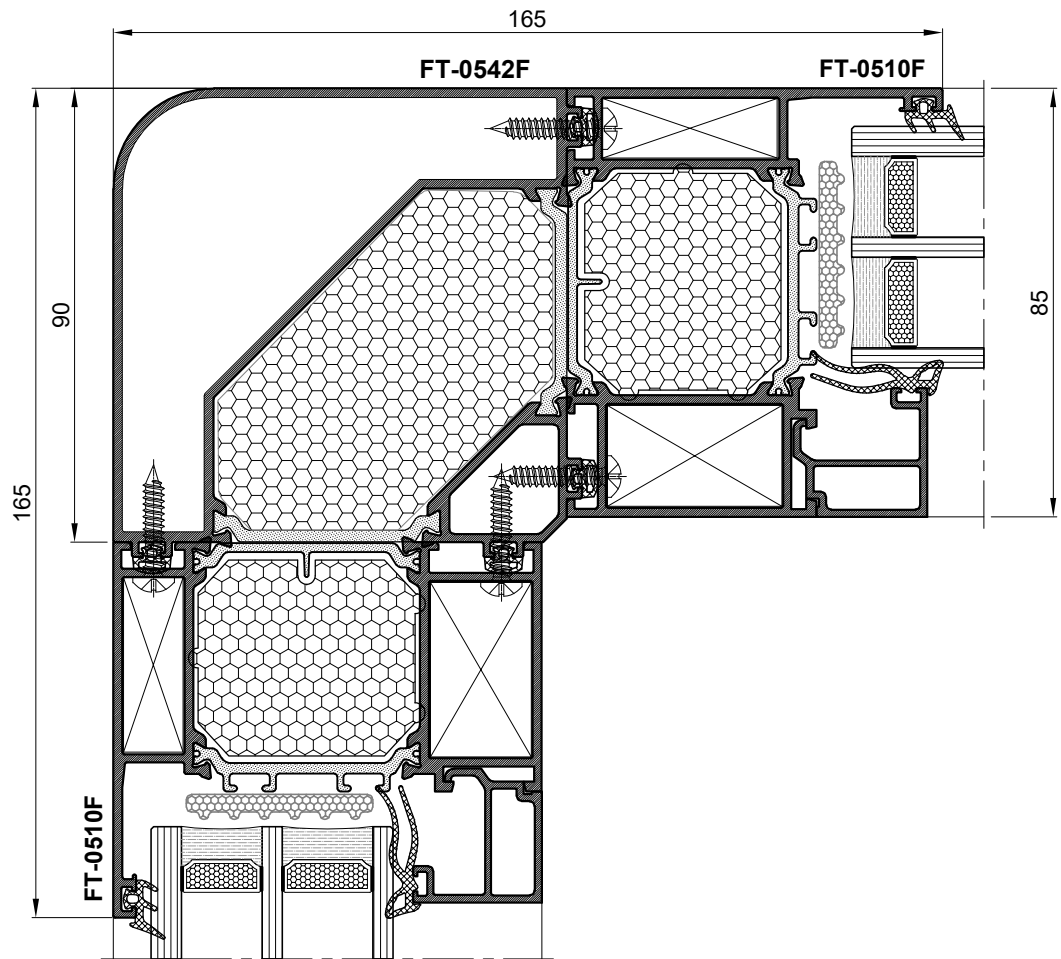
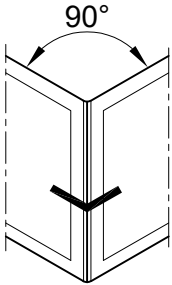
Profil za proširenje rama
Frame extension profile



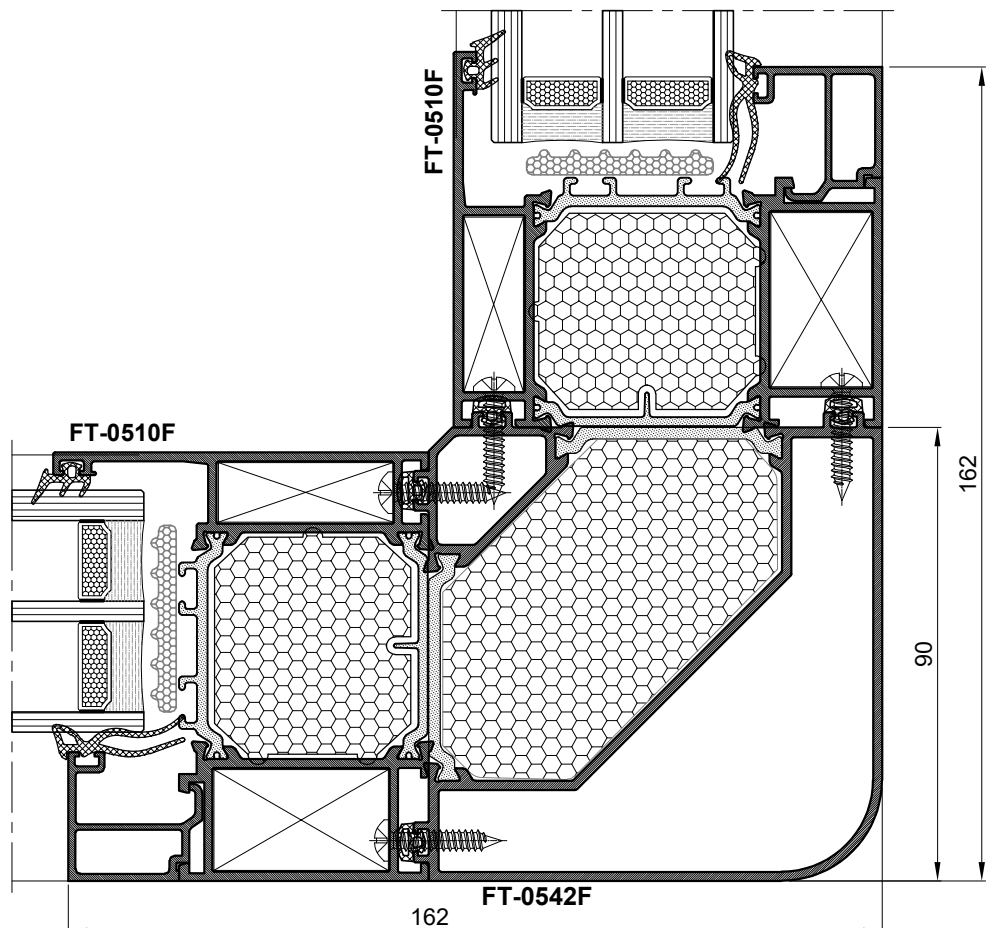
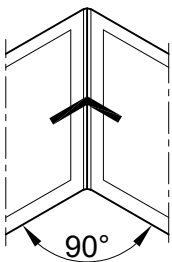


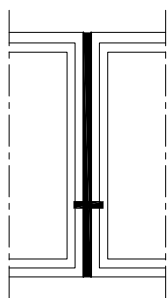
Spoj pod kutem
Angle connection

KUT PREMA VANI
OUTSIDE CORNER

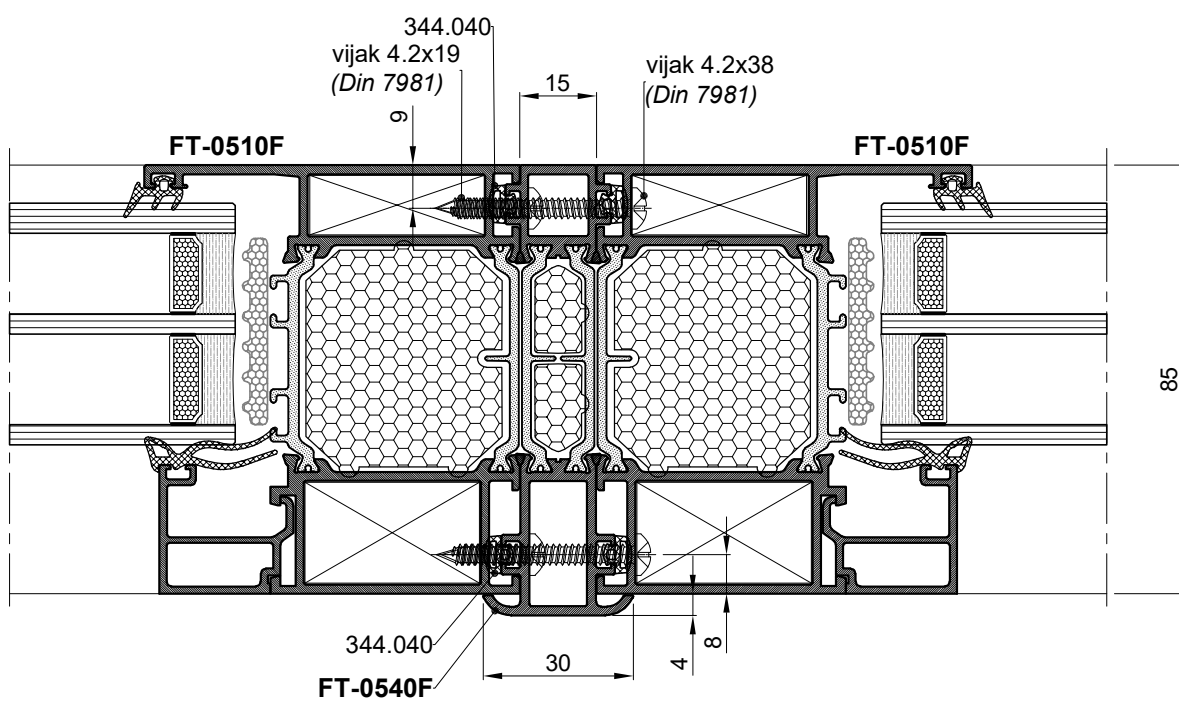
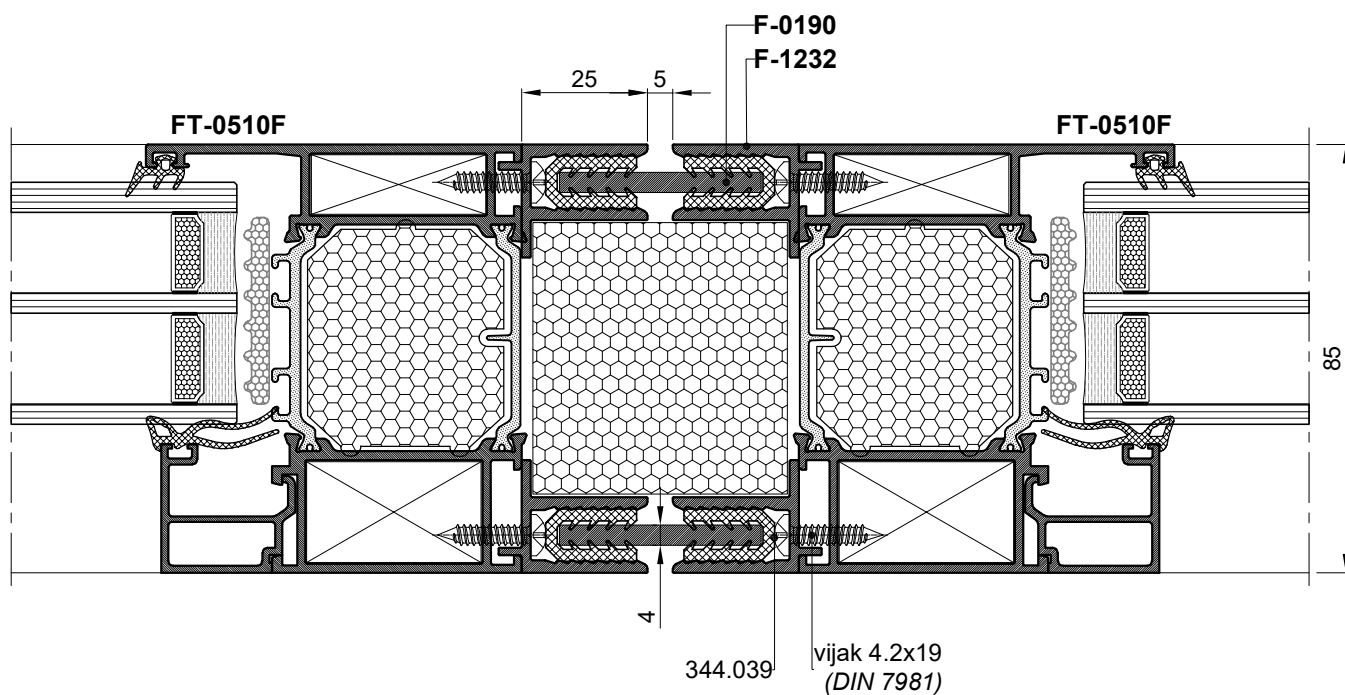


KUT PREMA UNUTRA
INSIDE CORNER

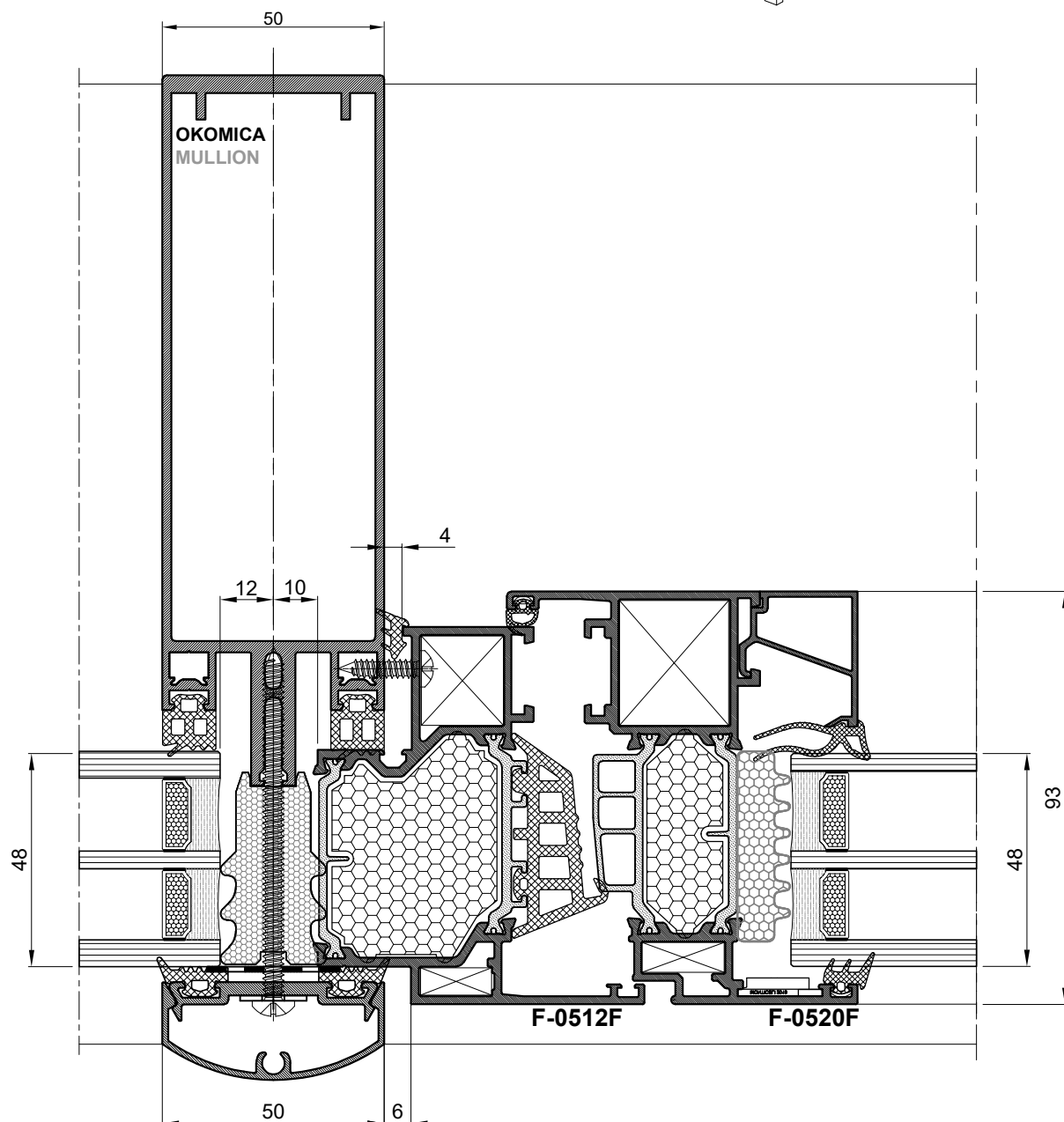
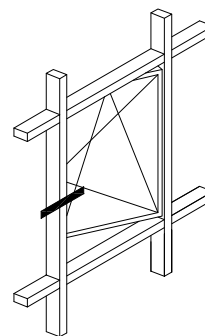


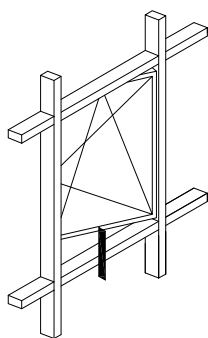


Ravni spoj profila
Flat connection of profiles

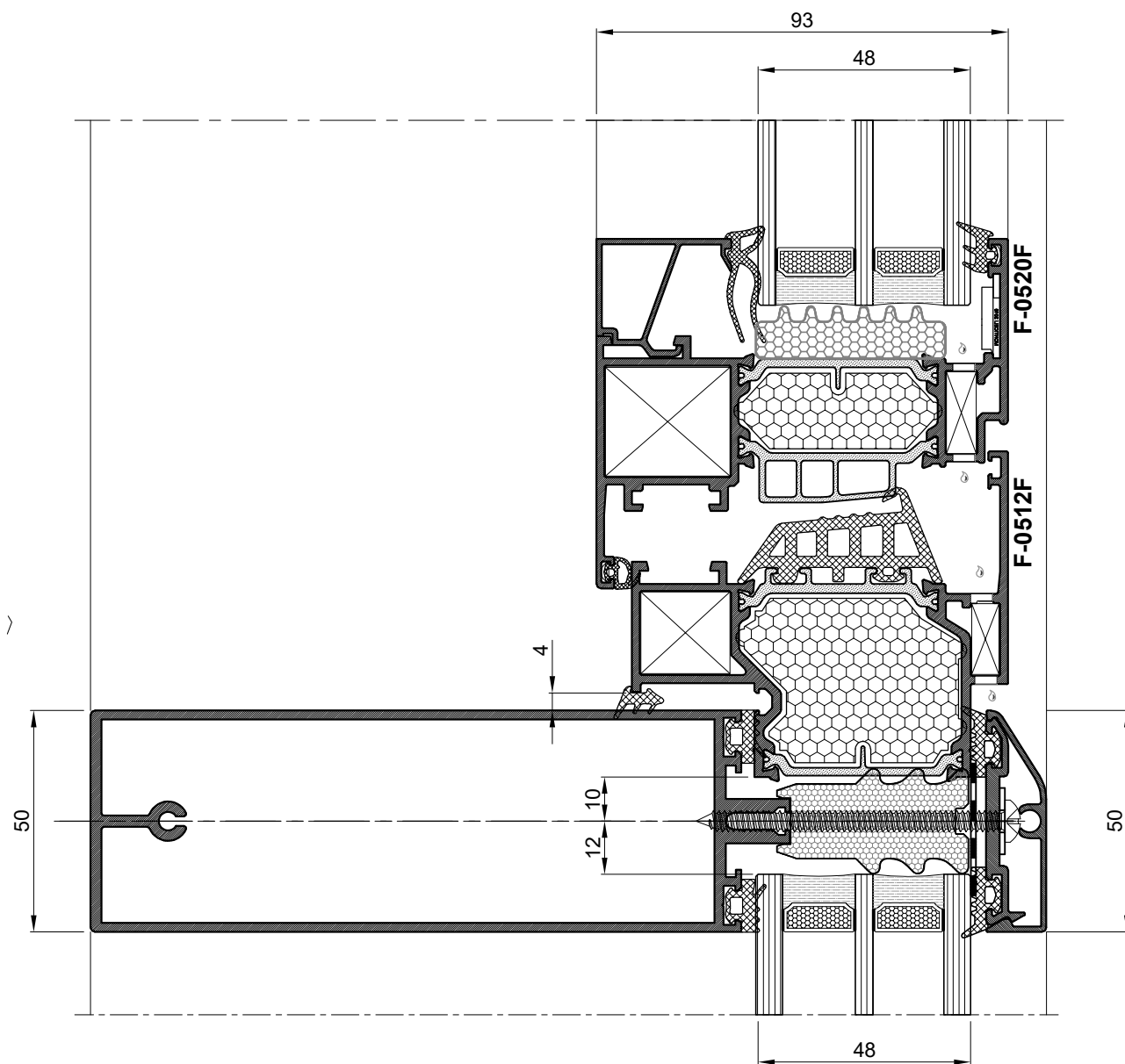


Prozor TERMO 85 S plus u fasadi 50 FK
Window Termo 65 plus in facade 50 FK

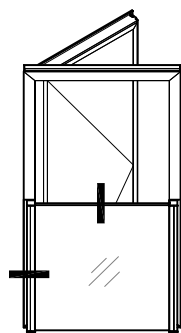




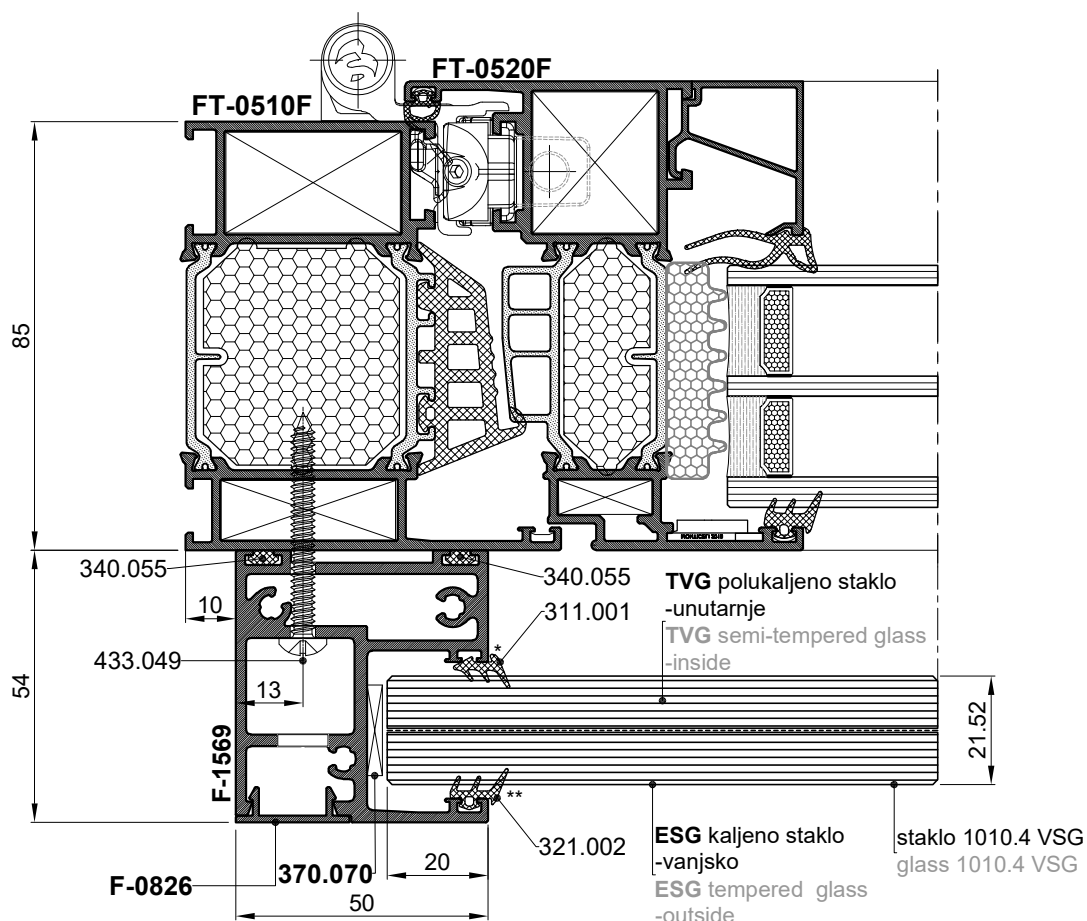
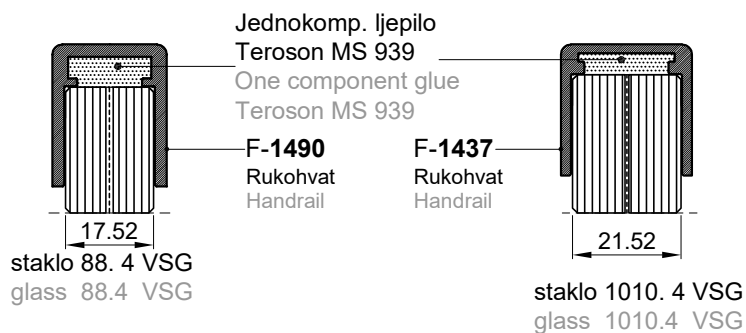
Prozor TERMO 85 S plus u fasadi 50 FK
Window Termo 65 plus in facade 50 FK



TERMO 85 S plus s francuskim balkonom TERMO 85 S plus with french balcony



Detalj rukohvata



(brtve za staklo 88.4 VSG /gaskets for glass 88.4 VSG:)

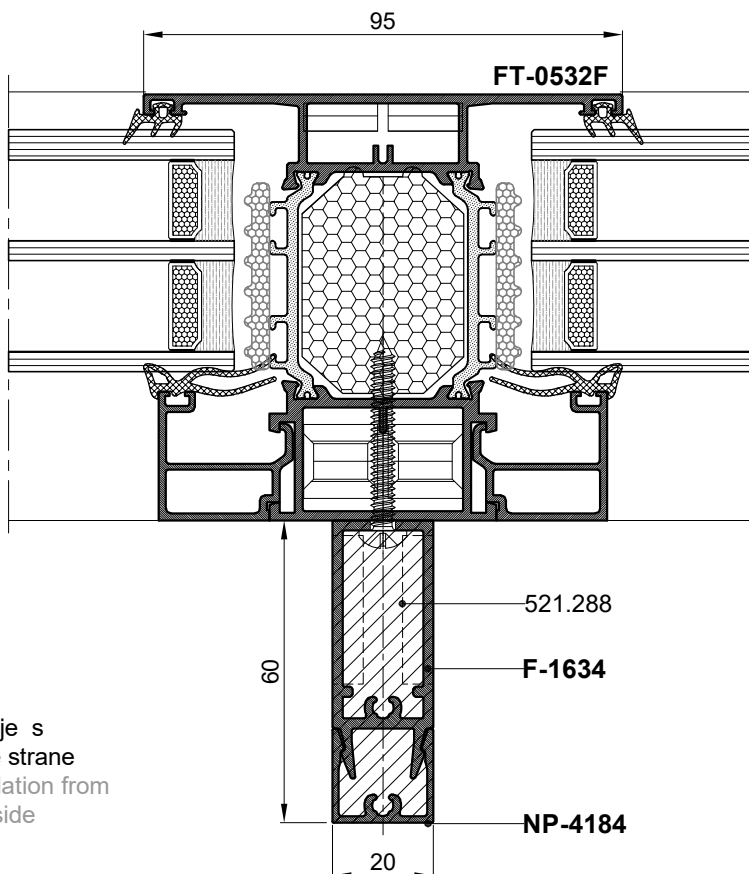
** 321.003

* 311.007

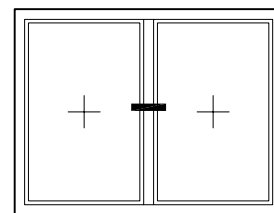


Detalje obrade i montaže obavezno koristiti iz **FEAL** kataloga Francuski balkon.
Details of processing and montage must be used from the **FEAL** catalog French balcony.

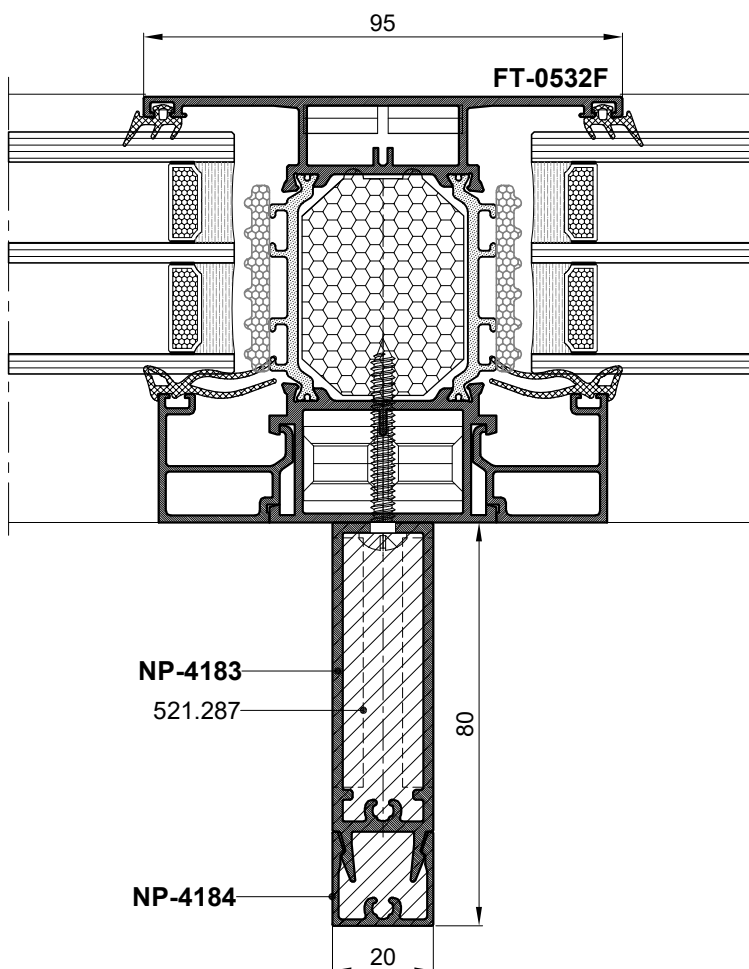
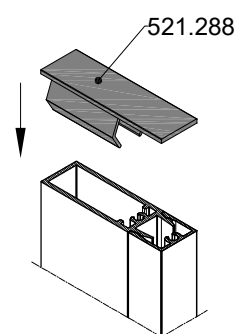
Ojačanje
Reinforcement



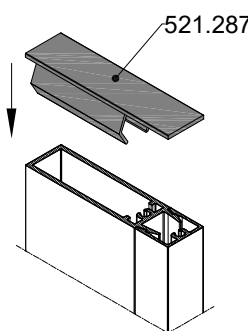
Mogućnost ugradnje s
unutarnje i vanjske strane
Possibility of installation from
the inside and outside

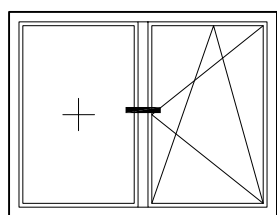


521.288
Umetak za profil ojačanja
prečke
End insert for window
crossbar reinforcement

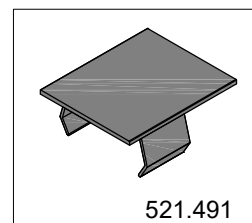


521.287
Umetak za profil ojačanja
prečke
End insert for window
crossbar reinforcement

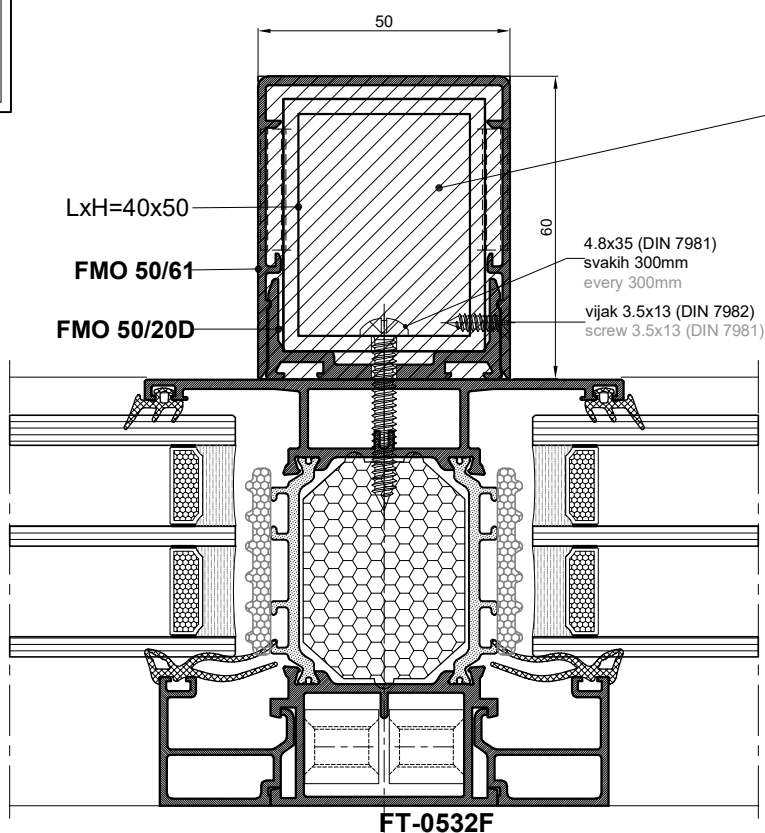




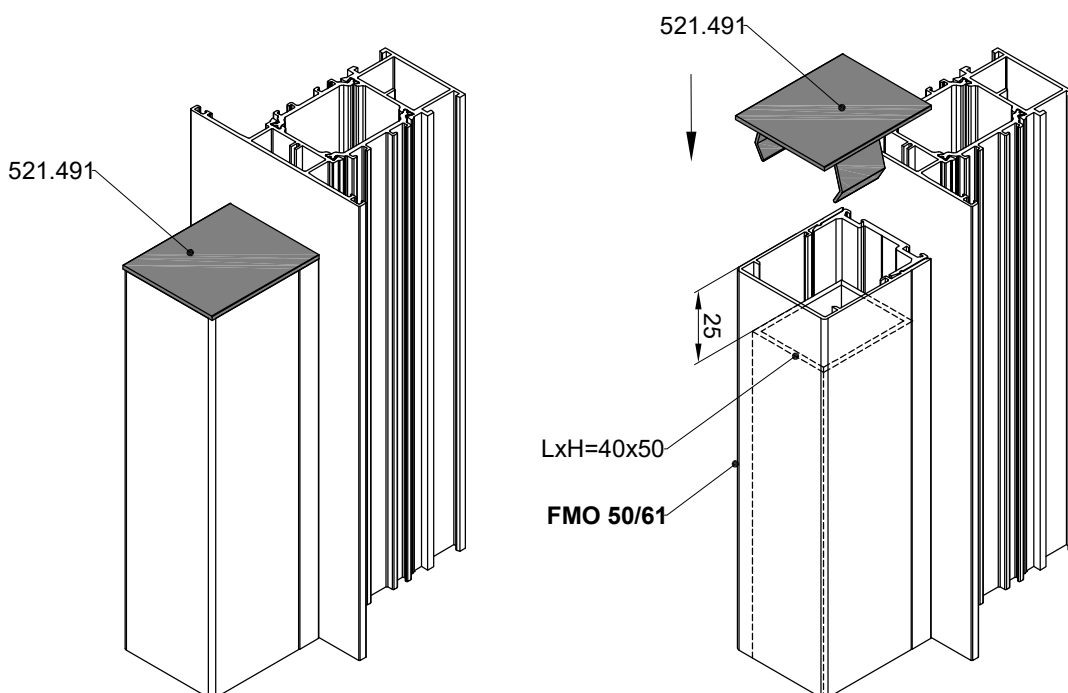
Ojačanje sa profilom
Reinforcement with profile



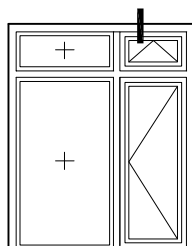
521.491



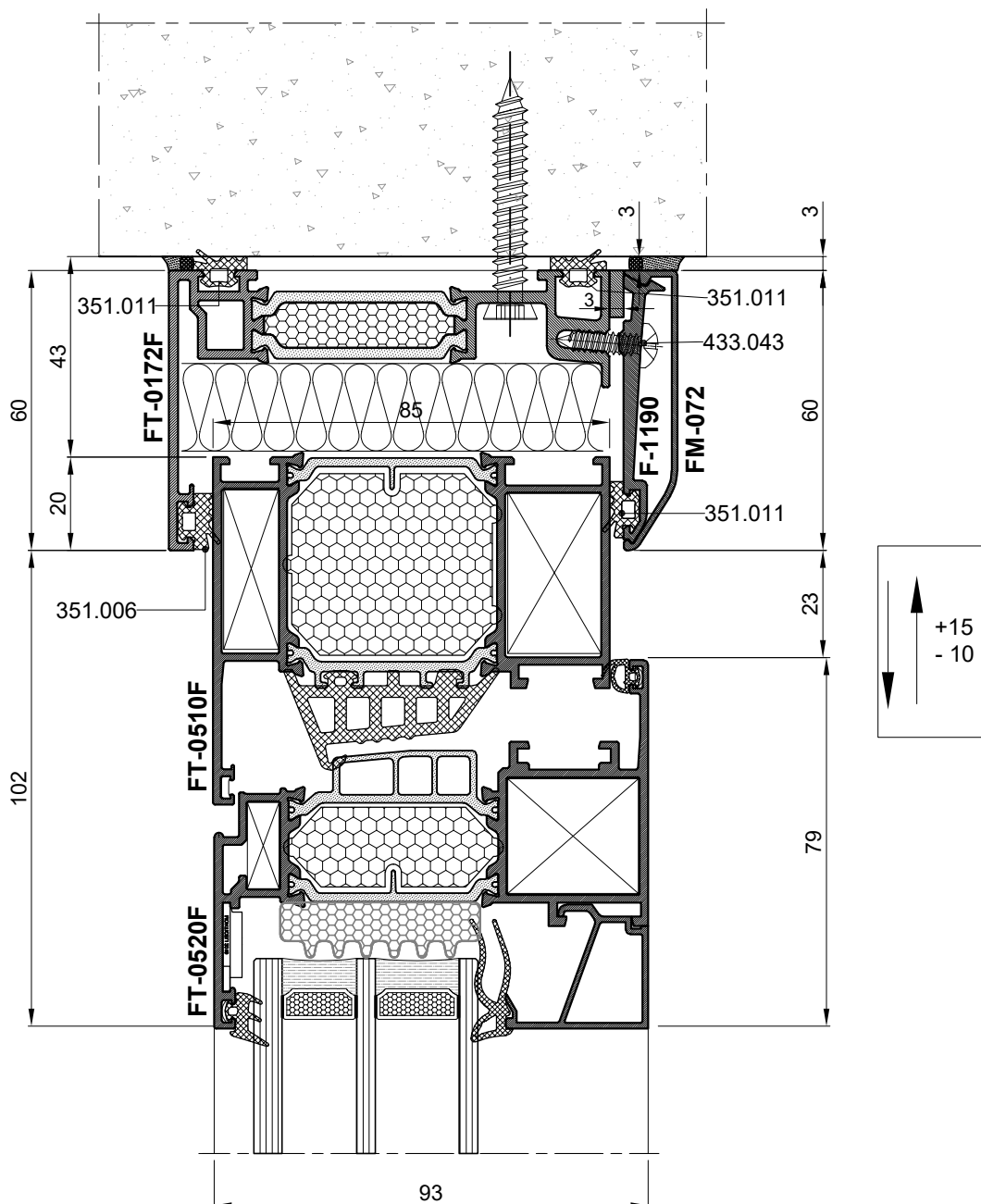
Ugradnja umetka 521.491
Insert installation 521.491



-Profil FMO 50/61 (maska ojačanja) mora biti 50 mm duži od profila ojačanja
-FMO 50/61 profile (reinforcement mask) must be 50 mm longer than the reinforcement profile



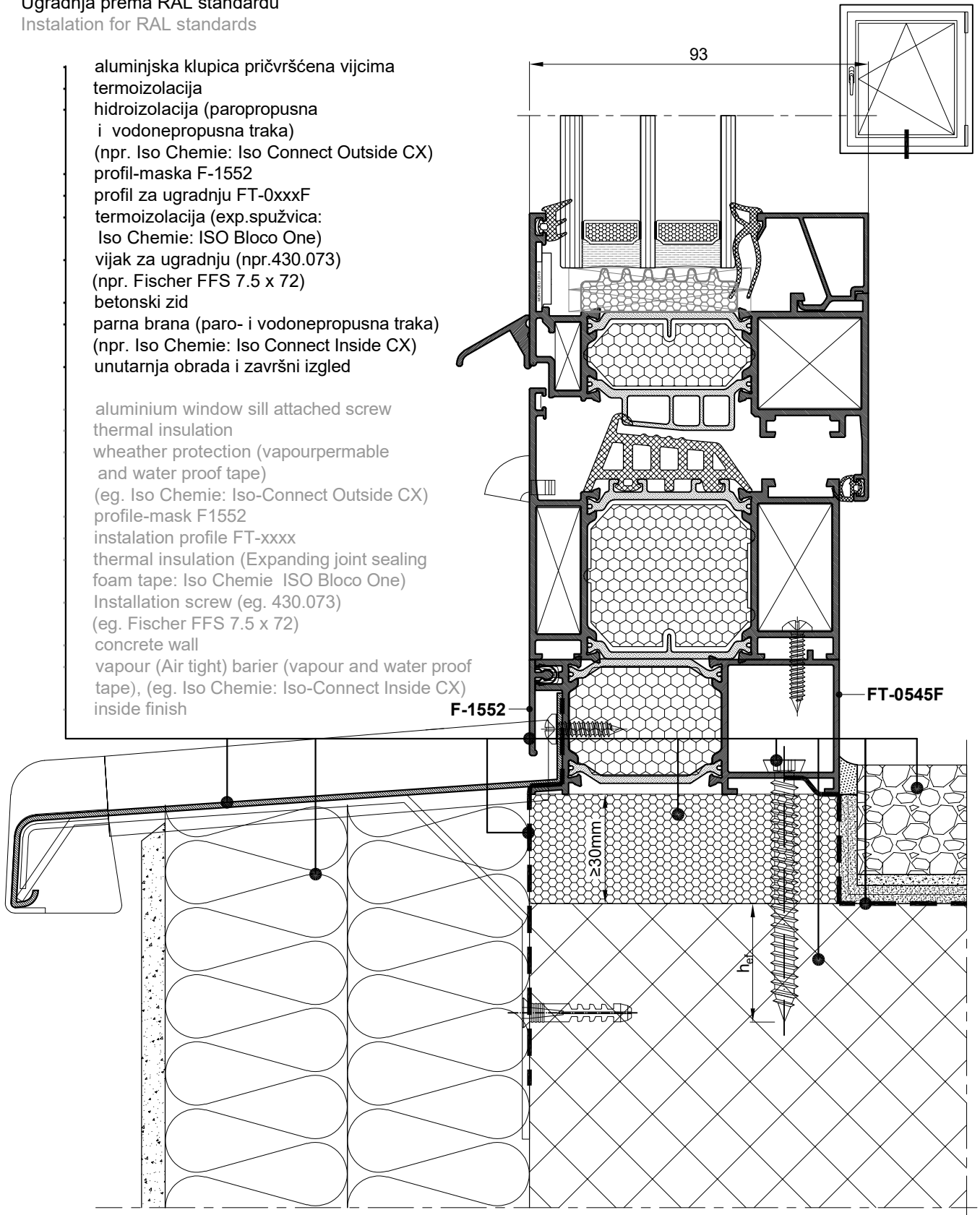
PROFIL ZA UGRADNJU



Napomena:
Obratiti pažnju na prostor koji
zahtijevaju okovi kao što su šarke,
bravice za ventuse itd.

Remark:
Pay attention to space demanded
by hardware such as hinges,
vent opening locks and etc.

Ugradnja prema RAL standardu
Installation for RAL standards



Efektivna dubina ankeriranja h_{ef} :

h_{ef} = 20-40mm u Beton

h_{ef} = 40mm u punoj cigli

h_{ef} ≥ 50mm u porobeton

h_{ef} ≥ 60mm u perforiranoj cigli

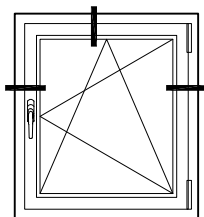
Effective anchorage depth h_{ef} :

h_{ef} = 20-40mm in concrete

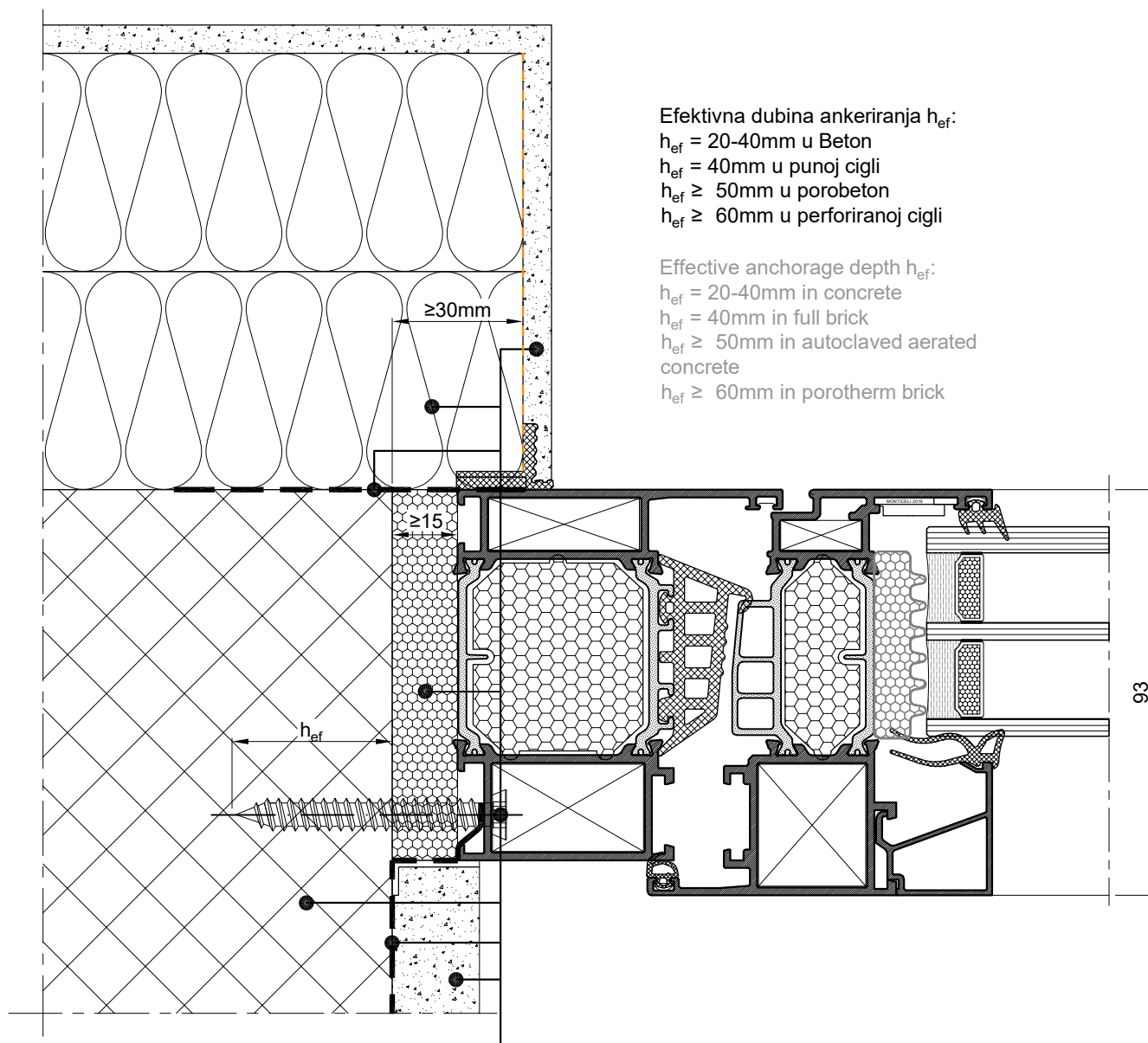
h_{ef} = 40mm in full brick

h_{ef} ≥ 50mm in autoclaved aerated concrete

h_{ef} ≥ 60mm in porotherm brick



Ugradnja prema RAL standardu
Installation for RAL standards



Efektivna dubina ankeriranja h_{ef} :

$h_{ef} = 20-40\text{mm}$ u Beton

$h_{ef} = 40\text{mm}$ u punoj cigli

$h_{ef} \geq 50\text{mm}$ u porobeton

$h_{ef} \geq 60\text{mm}$ u perforiranoj cigli

Effective anchorage depth h_{ef} :

$h_{ef} = 20-40\text{mm}$ in concrete

$h_{ef} = 40\text{mm}$ in full brick

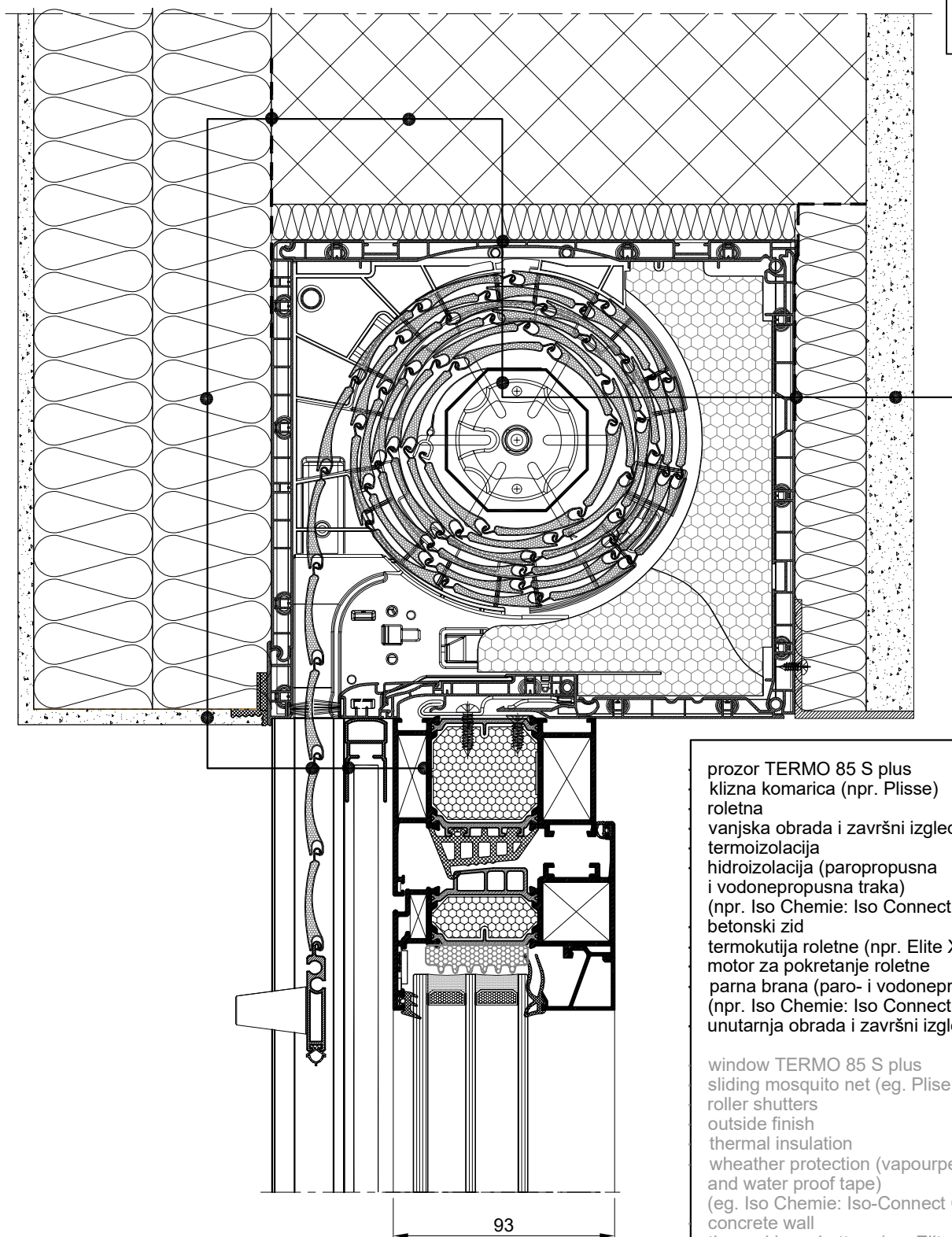
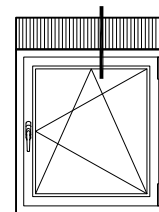
$h_{ef} \geq 50\text{mm}$ in autoclaved aerated concrete

$h_{ef} \geq 60\text{mm}$ in porotherm brick

vanjska obrada i završni izgled
termoizolacija
hidroizolacija (paropropusna
i vodonepropusna traka)
(npr. Iso Chemie: Iso Connect Outside CX)
termoizolacija (exp.spužvica: Iso Chemie:
ISO Bloco One)
vijak za ugradnju (npr.430.184)
(npr. Fischer FFS 7.5 x 62)
betonski zid
parna brana (paro- i vodonepropusna traka)
(npr. Iso Chemie: Iso Connect Inside CX)
unutarnja obrada i završni izgled

outside finish
thermal insulation
weather protection (vapourpermable
and water proof tape)
(eg. Iso Chemie: Iso Connect Outside CX)
thermal insulation (Expanding joint sealing foam tape:
Iso Chemie ISO Bloco One)
Installation screw (eg. 430.184)
(eg. Fischer FFS 7.5 x 62)
concrete wall
vapour (Air tight) barrier (vapour and water proof tape)
(eg. Iso Chemie: Iso Connect Inside CX)
inside finish

Ugradnja prema RAL standardu
Installation for RAL standards



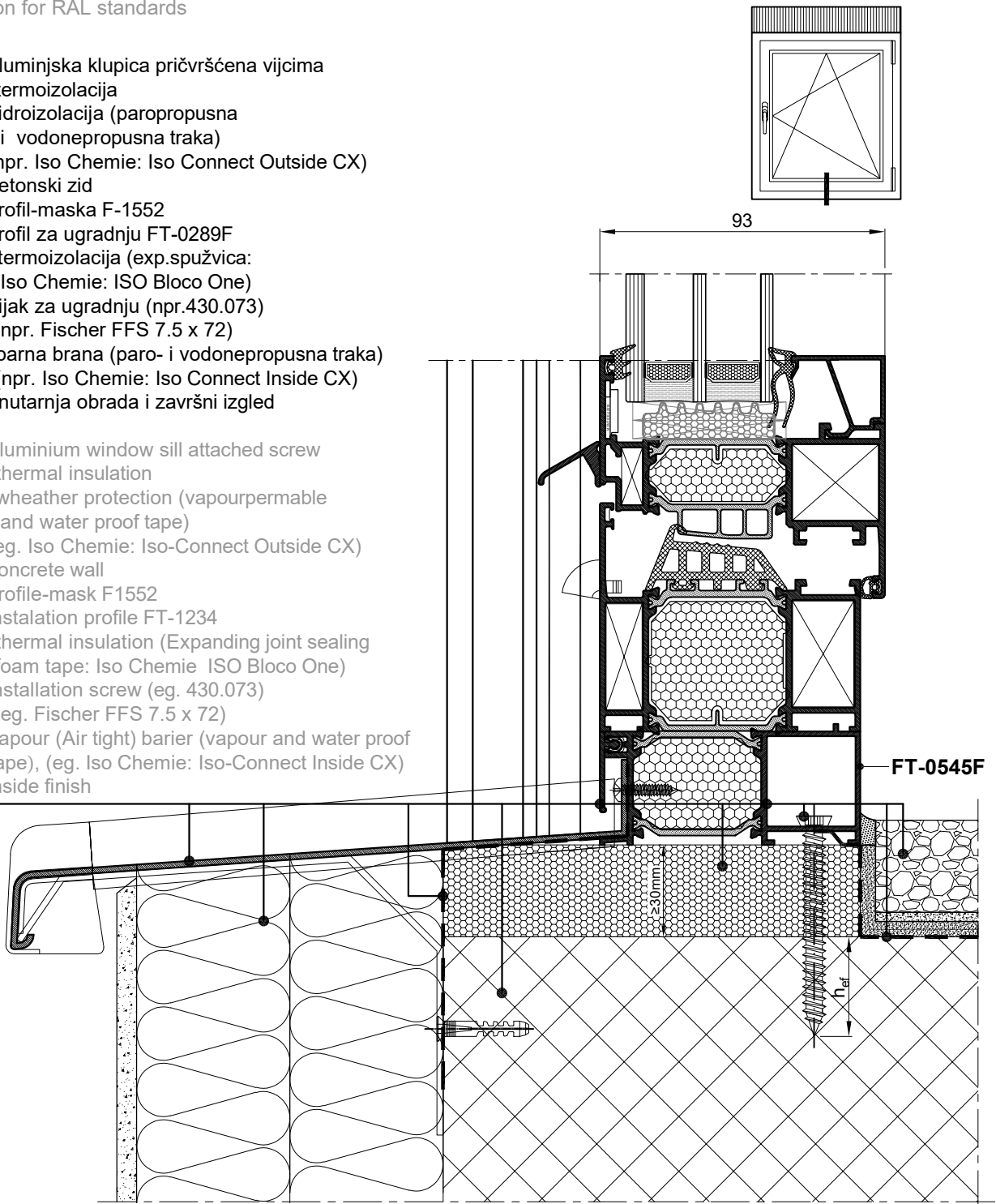
prozor TERMO 85 S plus
klizna komarica (npr. Plisse)
roletna
vanjska obrada i završni izgled
termoizolacija
hidroizolacija (paropropusna
i vodonepropusna traka)
(npr. Iso Chemie: Iso Connect Outside CX)
betonski zid
termokutija roletne (npr. Elite XT-200x220)
motor za pokretanje roletne
parna brana (paro- i vodonepropusna traka)
(npr. Iso Chemie: Iso Connect Inside CX)
unutarnja obrada i završni izgled

window TERMO 85 S plus
sliding mosquito net (eg. Plisse)
roller shutters
outside finish
thermal insulation
weather protection (vapourpermeable
and water proof tape)
(eg. Iso Chemie: Iso-Connect Outside CX)
concrete wall
thermal box shutters (eg. Elite XT-200x220)
shutter starter motor
vapour (Air tight) barrier (vapour and water
proof tape), (eg. Iso Chemie: Iso-Connect
Inside CX)
inside finish

Ugradnja prema RAL standardu
Installation for RAL standards

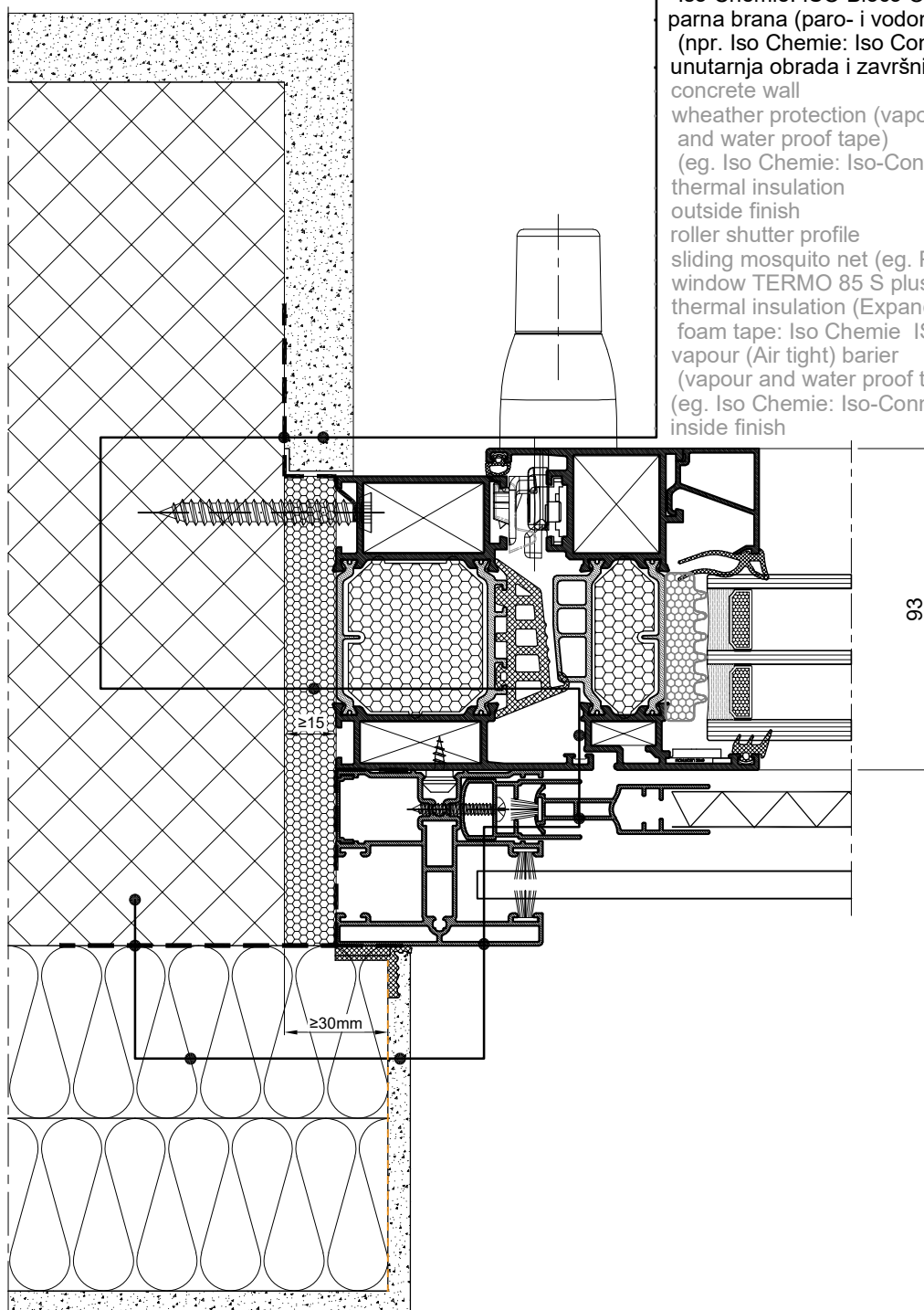
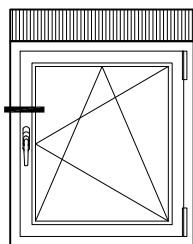
aluminjska klupica pričvršćena vijcima
termoizolacija
hidroizolacija (paropropusna
i vodonepropusna traka)
(npr. Iso Chemie: Iso Connect Outside CX)
betonski zid
profil-mask F-1552
profil za ugradnju FT-0289F
termoizolacija (exp.spužvica:
Iso Chemie: ISO Bloco One)
vijak za ugradnju (npr.430.073)
(npr. Fischer FFS 7.5 x 72)
parna brana (paro- i vodonepropusna traka)
(npr. Iso Chemie: Iso Connect Inside CX)
unutarnja obrada i završni izgled

aluminium window sill attached screw
thermal insulation
weather protection (vapourpermeable
and water proof tape)
(eg. Iso Chemie: Iso-Connect Outside CX)
concrete wall
profile-mask F1552
instalation profile FT-1234
thermal insulation (Expanding joint sealing
foam tape: Iso Chemie ISO Bloco One)
Installation screw (eg. 430.073)
(eg. Fischer FFS 7.5 x 72)
vapour (Air tight) barrier (vapour and water proof
tape), (eg. Iso Chemie: Iso-Connect Inside CX)
inside finish



Efektivna dubina ankeriranja h_{ef} :
 $h_{ef} = 20-40\text{mm}$ u Beton
 $h_{ef} = 40\text{mm}$ u punoj cigli
 $h_{ef} \geq 50\text{mm}$ u porobeton
 $h_{ef} \geq 60\text{mm}$ u perforiranoj cigli

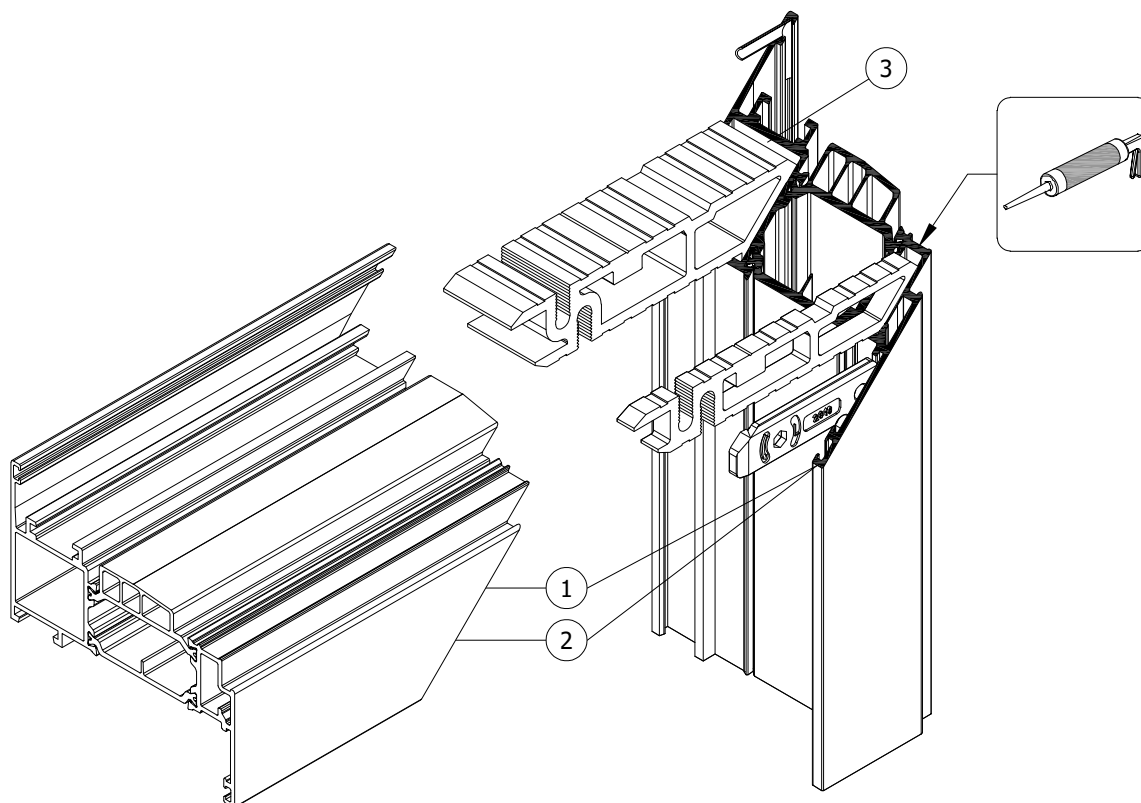
Effective anchorage depth h_{ef} :
 $h_{ef} = 20-40\text{mm}$ in concrete
 $h_{ef} = 40\text{mm}$ in full brick
 $h_{ef} \geq 50\text{mm}$ in autoclaved aerated
concrete
 $h_{ef} \geq 60\text{mm}$ in porotherm brick



betonski zid
 hidroizolacija (paropropusna
 i vodonepropusna traka)
 (npr. Iso Chemie: Iso Connect Outside CX)
 termoizolacija
 vanjska obrada i završni izgled
 vodilica roletne
 klizna komarica (npr. Plisse)
 prozor TERMO 85 S plus
 termoizolacija (exp. spužvica:
 Iso Chemie: ISO Bloco One)
 parna brana (paro- i vodonepropusna traka)
 (npr. Iso Chemie: Iso Connect Inside CX)
 unutarnja obrada i završni izgled
 concrete wall
 weather protection (vapourpermeable
 and water proof tape)
 (eg. Iso Chemie: Iso-Connect Outside CX)
 thermal insulation
 outside finish
 roller shutter profile
 sliding mosquito net (eg. Plisse)
 window TERMO 85 S plus
 thermal insulation (Expanding joint sealing
 foam tape: Iso Chemie ISO Bloco One)
 vapour (Air tight) barrier
 (vapour and water proof tape),
 (eg. Iso Chemie: Iso-Connect Inside CX)
 inside finish

Obrada i montaža

Processing and montage

SPAJANJE PROFILA KUTNICIMA POD KUTEM OD 90°
CONNECTION OF PROFILES WITH CORNER BRACKETS AT 90° ANGLE


POSTUPAK SPAJANJA PROFILA:

1. Sve površine koje se spajaju-rezove očistiti i odmastiti odgovarajućim sredstvom /npr. "Henkel" - *Teroson VR 20 ili Teroson FL+ I.*
2. Premazati sve površine koje se spajaju ljepilom za metal /npr. "Henkel" - *Teroson MS 939 I.*
3. Ljepilo za metal ubrizgati u komore za kutnik (po opsegu komore)
4. Profile s kutnicima izravnati i spojiti
5. Dio ljepila koji iscure između rezova očistiti sredstvom za čišćenje i odmašćivanje /npr. "Henkel" - *Teroson VR 20 ili Teroson FL+ I.*

NAPOMENA:

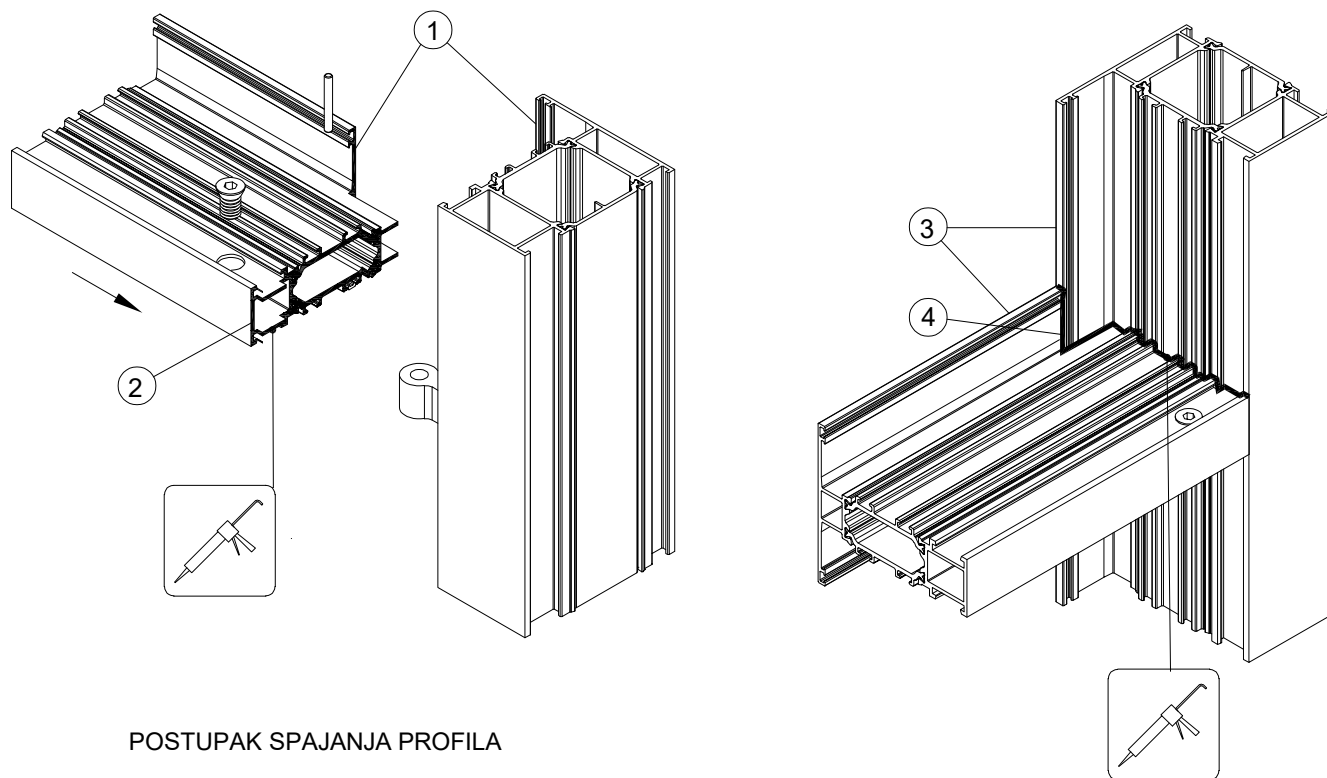
Ovaj postupak spajanja profila primjenjiv je za sve Feal-ove kutnike i njima odgovarajuće komore. Lijepljenjem rezova i kutnika ljepilima za metal, osigurava se potrebna zrako- i vodonepropusnosti spoja kao i dodatna mehanička čvrstoća spoja.

PROFILE CONNECTION PROCEDURE:

1. Clean and degrease all connecting surfaces with suitable products /e.g. "Henkel" - *Teroson VR 20 or Teroson FL+ I.*
2. Smear connecting all surfaces with metal glue /e.g. "Henkel" - *Teroson MS 939 I.*
3. Inject metal glue into chambers for the corner bracket (on chamber edges)
4. Level profiles with corner brackets and connect
5. Leaked glue that comes from the joints remove with cleaning and degreasing products /e.g. "Henkel" - *Teroson VR 20 ili Teroson FL+ I.*

NOTE:

This profile connection procedure is applicable for all Feal corner brackets and their appropriate chambers. By gluing the profile and corner brackets with a metal glue, necessary air and water tightness of the joint as well as additional mechanical properties is ensured

SPAJANJE PROFILA VEZNICIMA
CONNECTING OF PROFILES BY USING CONNECTING ELEMENT -(T-BRACKET)

POSTUPAK SPAJANJA PROFILA

1. Površine koje se spajaju-rezove očistiti i odmastiti odgovarajućim sredstvom (npr. Teroson VR 20 ili FL+)
2. Premazati površine koje se spajaju-rezove ljepilom za metal (npr. Teroson MS 939).
3. Profile s veznicima izravnati i spojiti
4. Nakon spajanja profila, sve žljebove ispuniti ljepilom za metal (npr. Teroson MS 939 (Henkel))
5. Dio ljepila koji iscuri između rezova očistiti sredstvom za čišćenje i odmašćivanje (npr. Teroson VR 20 ili FL+).

NAPOMENA:

Lijepljenjem rezova, kao i svih spojeva profila sa ljepilima za metal, osigurava se potrebna zrako i vodonepropusnosti spoja kao i dodatna mehanička čvrstoća spoja.

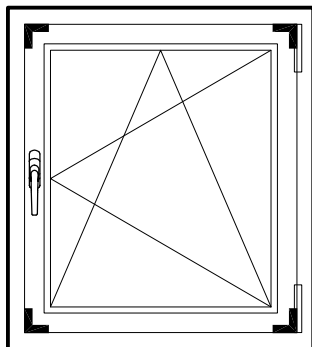
PROFILE CONNECTION PROCEDURE:

1. Clean and degrease all connecting surfaces with suitable products (e.g. Teroson VR 20 ili FL+).
2. Smear connecting surfaces with metal glue (e.g. Teroson MS 939).
3. Level profiles with connecting element (T-bracket) and connect
4. After joining the profile, all profile joints must be filled with metal glue (e.g. Teroson MS 939).
5. Leaked glue that comes from the joints remove with cleaning and degreasing products (e.g. Teroson VR 20 ili Teroson FL+).

NOTE:

By gluing the profile, as well as all profile joints with a metal glue, necessary air and water tightness of the joint as well as additional mechanical properties is ensured.

DETALJ UGRADNJE KUTNOG UMETKA CENTRALNE BRTVE INSTALLATION DETAIL OF CORNER INSERT CENTRAL GASKET

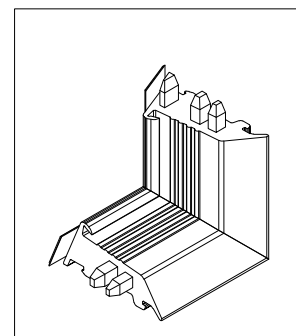
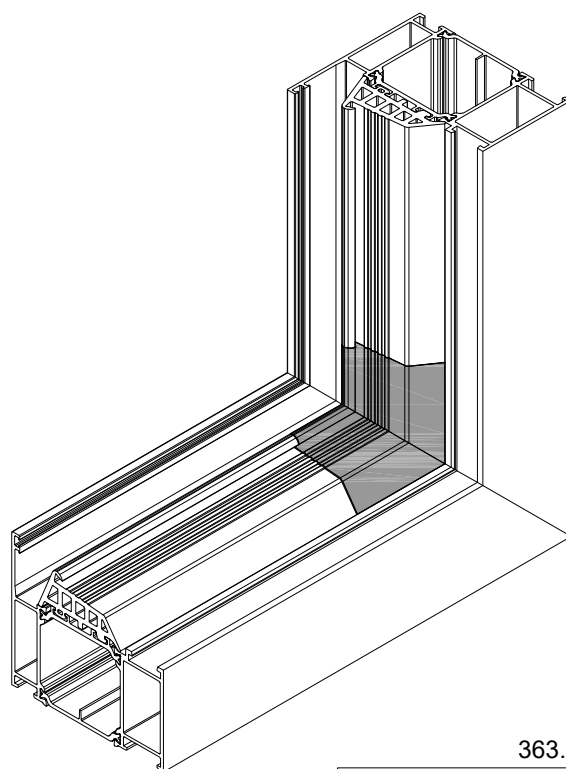
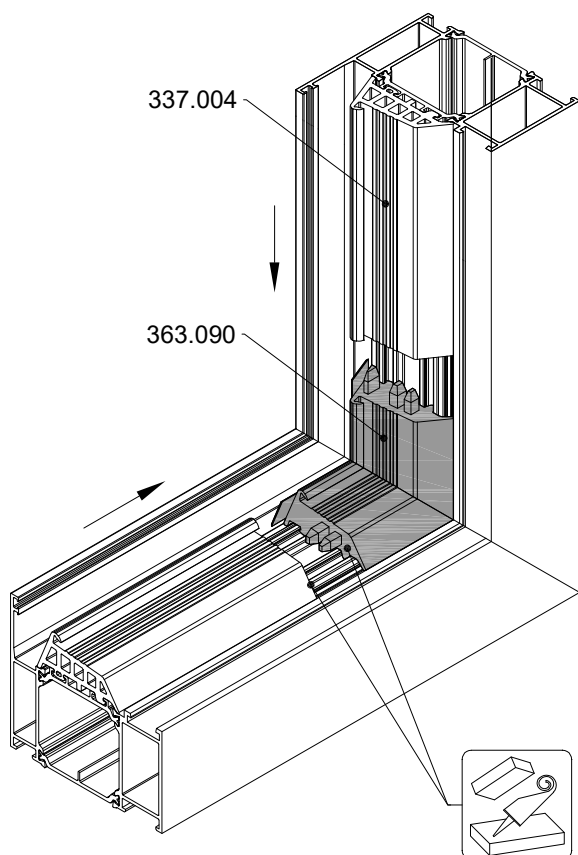


-Preporučuje se, na mjestu dodira, lijepljenje centralne brtve 337.004 i kutnog umetka 363.090 ljepljivom za EPDM (npr. trenutno ljepljivo Loctite 4090).

-Ljepljenjem se osigurava neprekidnost centralne brtve čime se osigurava potrebna zrakopropusnost i vodonepropusnost spoja.

-It is recommended, at the point of contact, bonding of the central gasket 337.004 and the corner insert 363.090 with EPDM adhesive (eg Loctite 4090 instant adhesive).

-Gluing ensures the continuity of the central gasket, ensuring the necessary airtightness and watertightness of the joint.

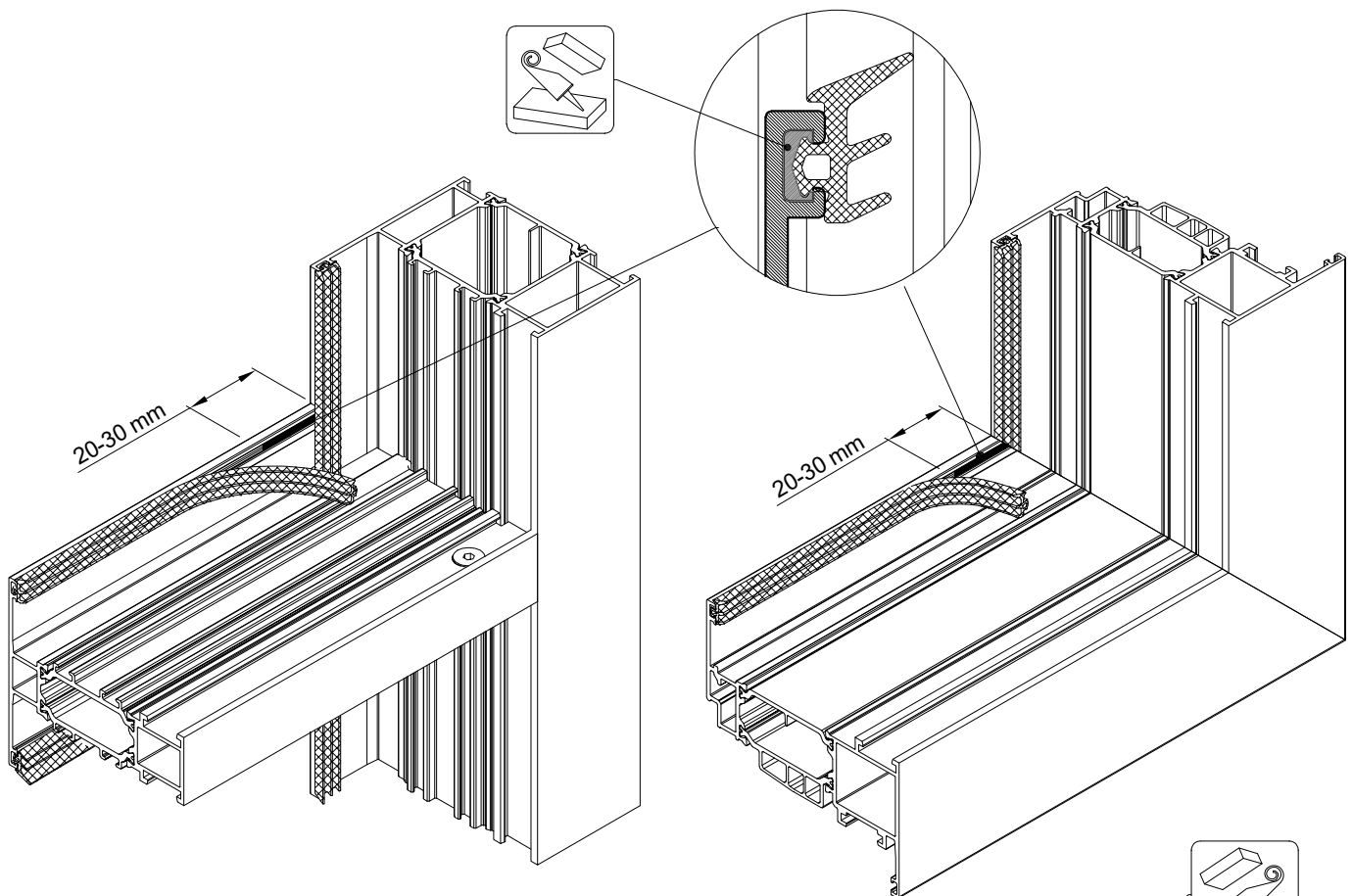


PREPORUKA 1:

- Uslijed elastičnosti, dilatacije te drugih utjecaja moguće je povlačenja (skupljanja) brtve prema staklu u žlijebu, što može dovesti do prodora vode u profil.
- Preporučuje se lijepljenje kraja brtve ljepilima za metal i EPDM (npr. trenutno ljepilo Loctite 4090)-prema skici.
- Odnosi se na sve brtve koje se uvlače u žlijeb.

RECOMMENDATION 1:

- Due to elasticity, dilatation and other impacts gasket retraction towards the glass is possible, which can lead to water penetration in the profile.
- It is recommended to glue the gasket ends with adhesives for metal and EPDM (eg. Loctite 4090-according to the drawing).
- This applies to all the gaskets with groove placement.

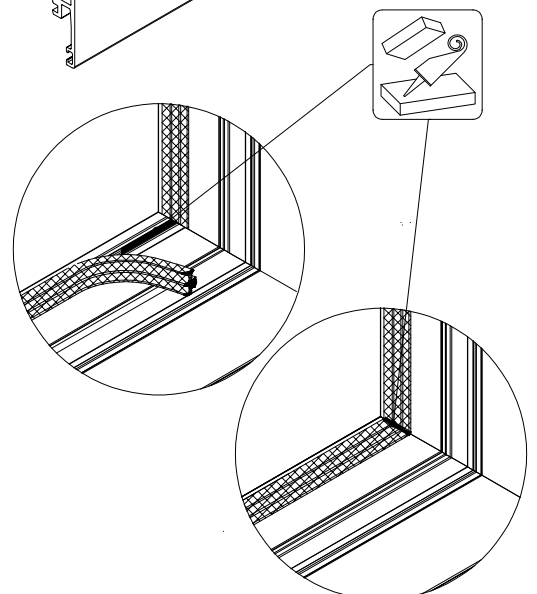


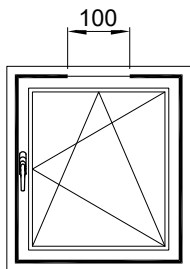
PREPORUKA 2:

- Preporučuje se, na mjestu dodira, lijepljenje vanjskih staklo brtvi ljepilom za EPDM (npr. trenutno ljepilo Loctite 4090).
- Ljepljenjem se osigurava neprekidnost spoja čime se osigurava potrebna zrakopropusnost i vodonepropusnost spoja.

RECOMMENDATION 2:

- It is recommended, at the point of contact, bonding of the glazing gasket with EPDM adhesive (eg Loctite 4090 instant adhesive).
- Gluing ensures the continuity of the joint, ensuring the necessary airtightness and watertightness of the joint.



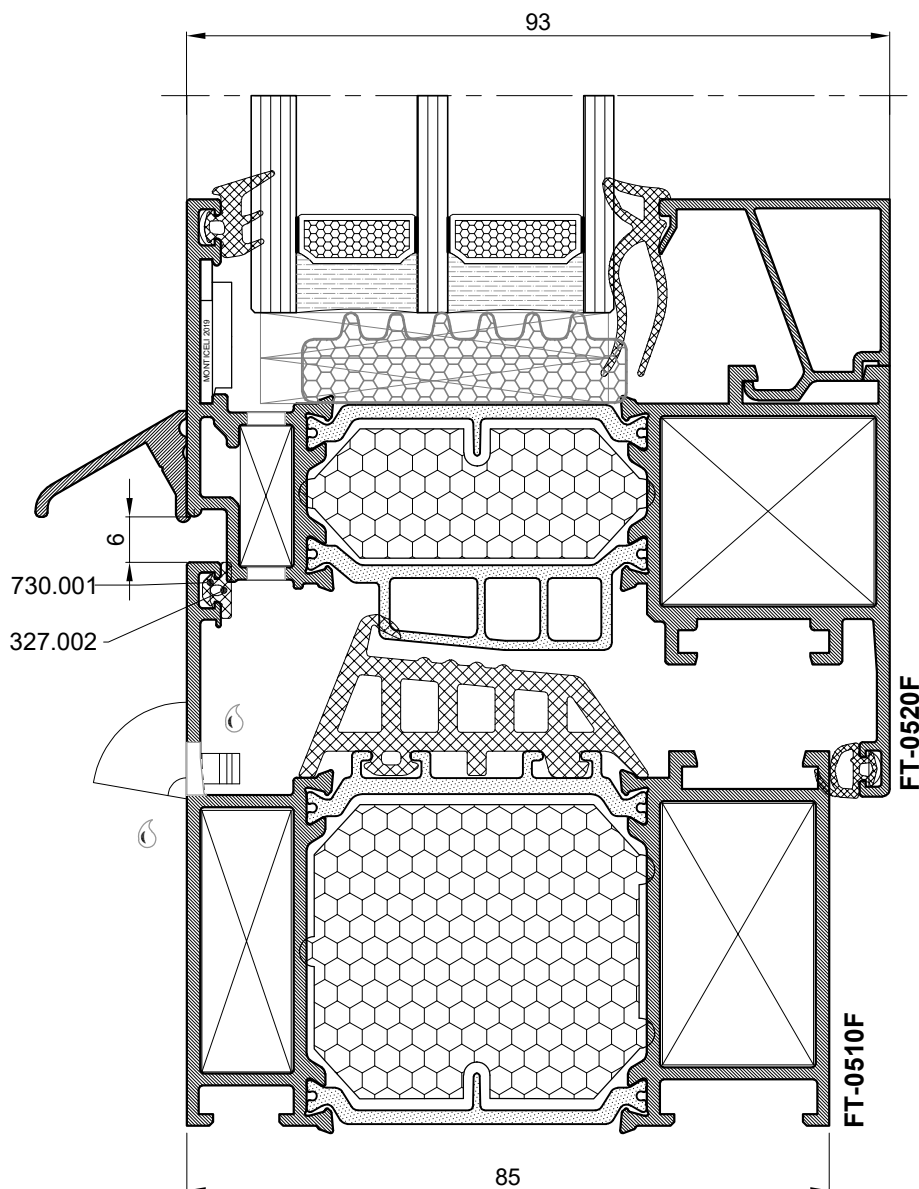


UPORABA BRTVE 327.002

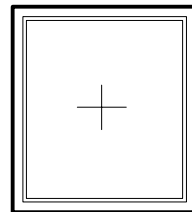
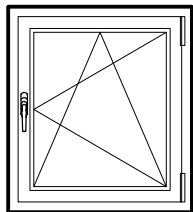
- U uvjetima veće izloženosti prozora padalinama, postoji mogućnost da dođe do "zagušenja" (otvori za kondenzat na profilu rama ne mogu da odvedu sve kapljevine koje uđu u za to predviđeni prostor u profilu rama), te postoji mogućnost ulaska vode u unutarnji dio profila tj. u objekt. Da bi se ovo spriječilo koristi se brtva 327.002.
- Brtvu 327.002 umetnuti po opsegu prozora, samo u gornjem pojasu se brtva prekida radi omogućavanja ventilacije prozora /vidjeti skicu/.
- Korištenje brtve 327.002 zahtjeva uporabu kutnika 730.001.

APPLIANCE OF GASKET 327.002

- conditions of greater exposure of windows to precipitation, there is a possibility of "congestion" (condensate openings on the frame profile cannot drain all liquids that enter the space provided in the frame profile), and there is a possibility of water entering the inner part of the profile, ie the object. To prevent this, a seal 327.002 is used.
- Gasket 327.002 is to be placed around the sash edges except in upper position where it is partially cut out because of window ventilation /see scheme/.
- Using of gasket 327.002 demands also using of 730.001 corner bracket.



ODVOD KAPLJEVINA IZ PROZORA WINDOW WATER DRAINAGE



ODVOD KAPLJEVINA IZ OTVARAJUĆEG PROZORA

Kapljevine koje uđu u krilo između vanjske brtve i staklo ispune, vode se kroz otvor na profilu krila prema vani. Dio kapljevina iz krila i kapljevine s vana ulaze u predviđeni prostor u profilu rama te ga napuštaju kroz otvore u profilu rama koji se maskiraju čepom 370.070.

Napomena: Otvore na profilu rama uvijek držati otvorenim.

DRAINAGE FROM AN OPENING WINDOW

Rain water that enters in the sash between exterior gasket and glass filling is drained outwards through drainage openings on sash profile. Part of the rain water from inside the sash and rain water from outside enters the drainage space in the frame profile and drains through drainage openings on profile which are masked with cap 370.070.

Note: Drainage openings on profile should be always open.

ODVOD KAPLJEVINA IZ FIKSNOG PROZORA

Kapljevine koje uđu u ram između vanjske brtve i staklo ispune, vode se kroz otvor na profilu rama prema vani.

Otvori u profilu rama se maskiraju čepom 370.070

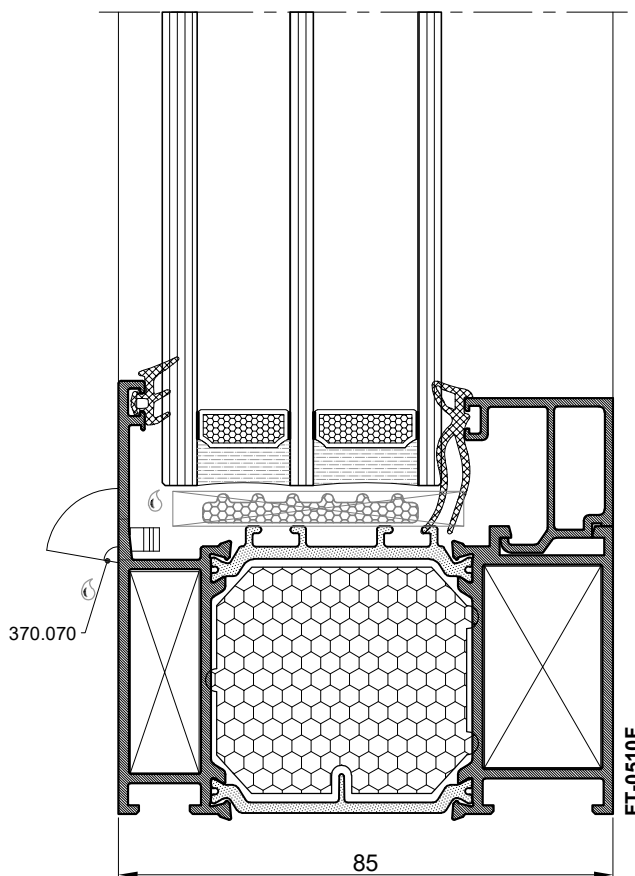
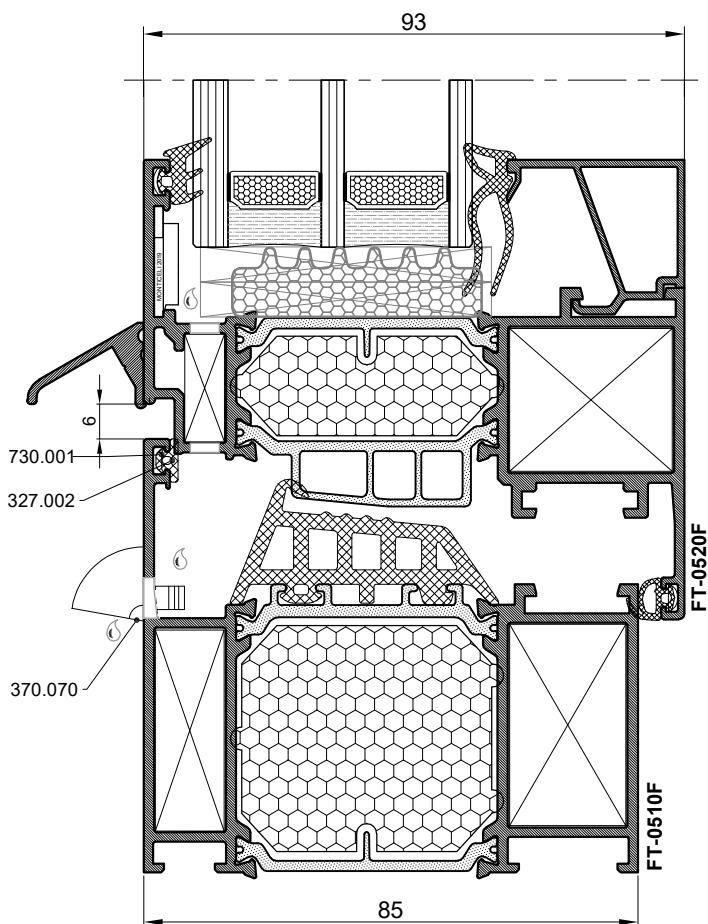
Napomena: Otvore na profilu rama uvijek držati otvorenim.

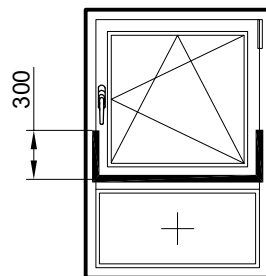
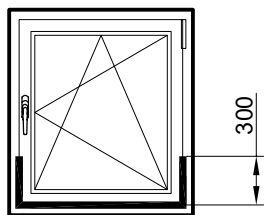
DRAINAGE FROM AN FIXED WINDOW

Rain water that enters in the frame between exterior gasket and glass filling is drained outwards through drainage openings on frame profile.

Drainage openings on the frame profile are masked with cap 370.070

Note: Openings on profile should be always open.



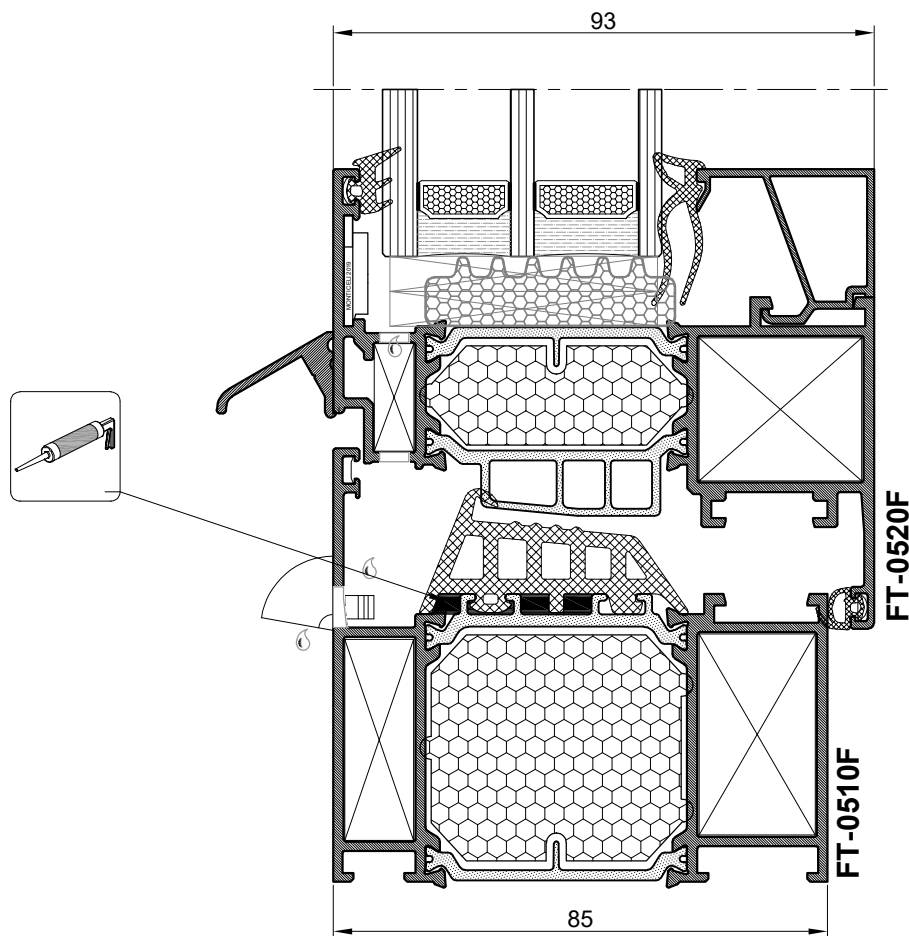


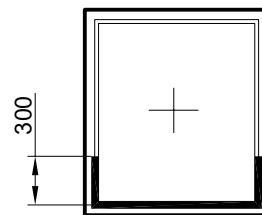
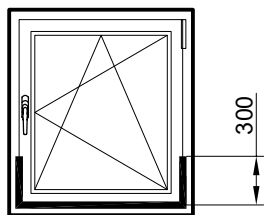
LIJEPLJENJE CENTRALNE BRTVE ZA PODLOGU

U uvjetima veće izloženosti prozora padalinama, radi mogućeg prodora kapljevina, preporučuje se lijepljenje centralne brtve 334.008 (337.003) za podlogu, neutralnim ljepilom / npr. "Henkel" - *Teroson MS 939* /, prema crtežu.

GLUEING OF CENTRAL GASKET TO THE PROFILE

In conditions of larger rain precipitation, to prevent possible rain water breach, it is recommended to glue the central gasket 334.008 (337.003) to the profile with neutral glue / e.g. "Henkel" - *Teroson MS 939* /, as shown on the drawing.



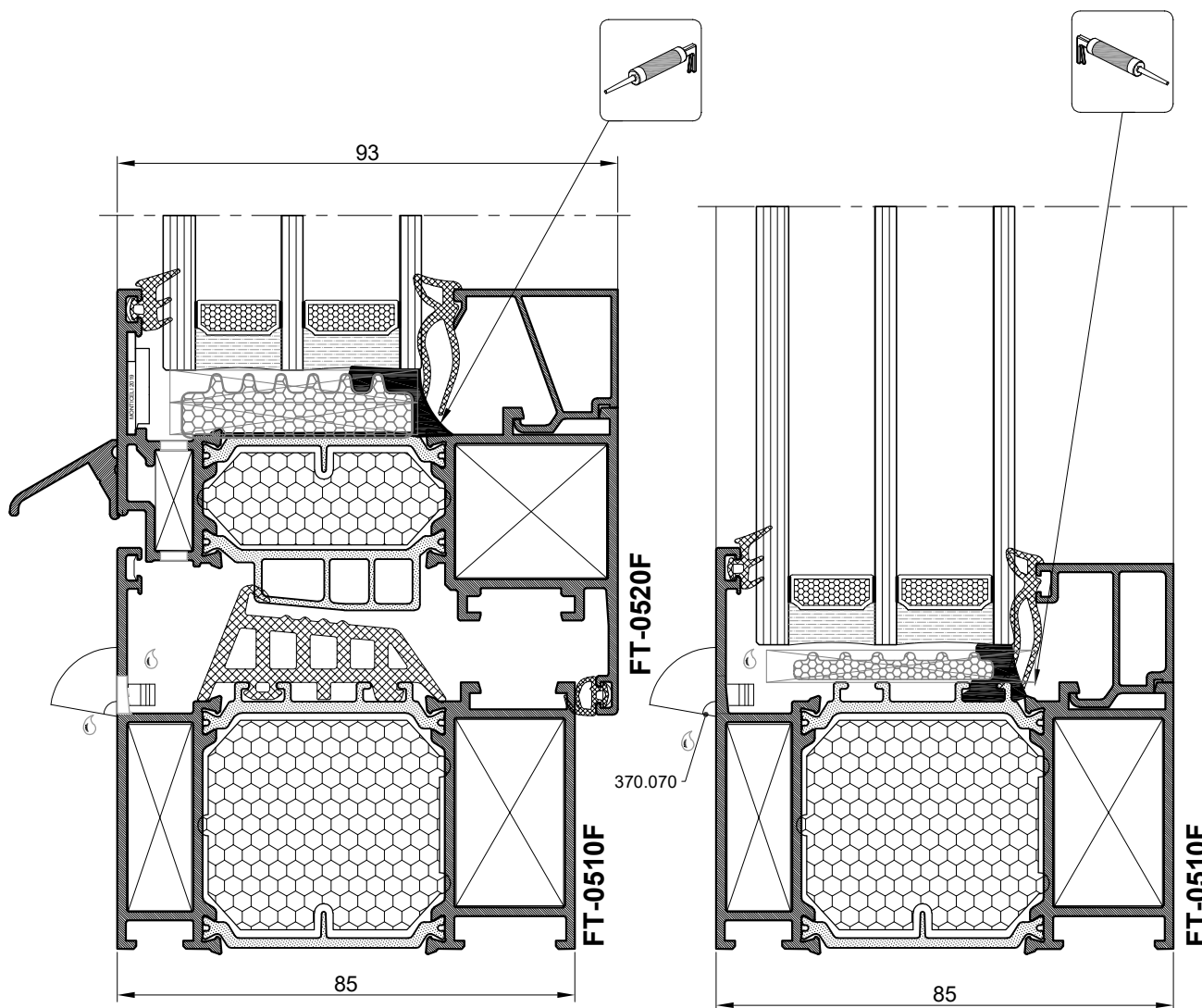


LIJEPLJENJE TERMO ISPUNE XPE ZA PODLOGU

U uvjetima veće izloženosti prozora padalinama, radi mogućeg prodora kapljevina, preporučuje se lijepljenje termo ispune XPE za podlogu, neutralnim ljepilom / npr. "Henkel" - *Teroson MS 939 I*, prema crtežu.

GLUEING OF THE THERMO INSULATION XPE

In conditions of larger rain percipitation, to preventing possible rain water breach, it is recommended to glue thermo insulation XPE to the profile with neutral glue / e.g. "Henkel" - *Teroson MS 939 I*, as shown to the drawing.



OBRADA NA PROFILU RAMA FT-0510F ZA ODVOD KAPLJEVINA

PROCESSING OF FRAME PROFILE FT-0510F FOR WATER DRAINAGE

- obrada donjeg pojasa rama štancanjem

Alat: Štanca S1

- obrada donjeg pojasa rama vretenastim glodalom Ø7 (opcija)

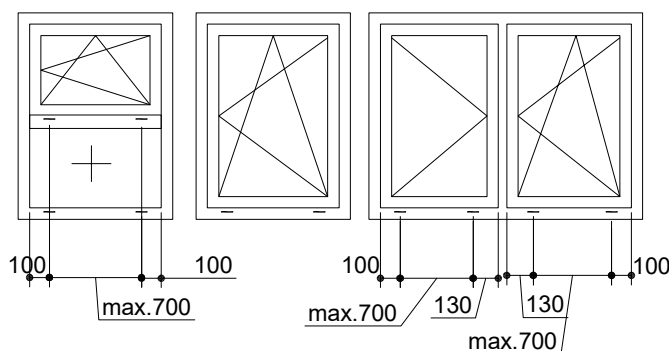
- 370.070 - pvc maska za drenažni otvor

- processing of frame lower zone (metal punching)

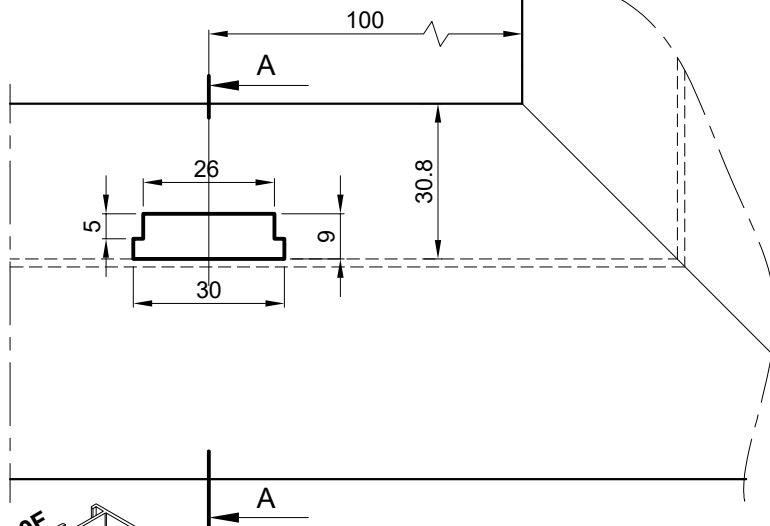
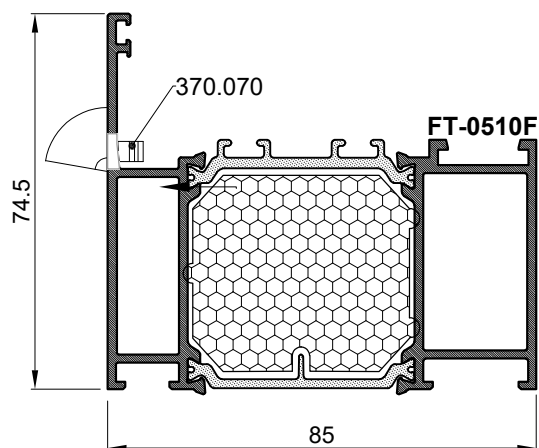
Tool: Metal punching machine S1

- processing of frame lower zone spindle mill Ø7 (option)

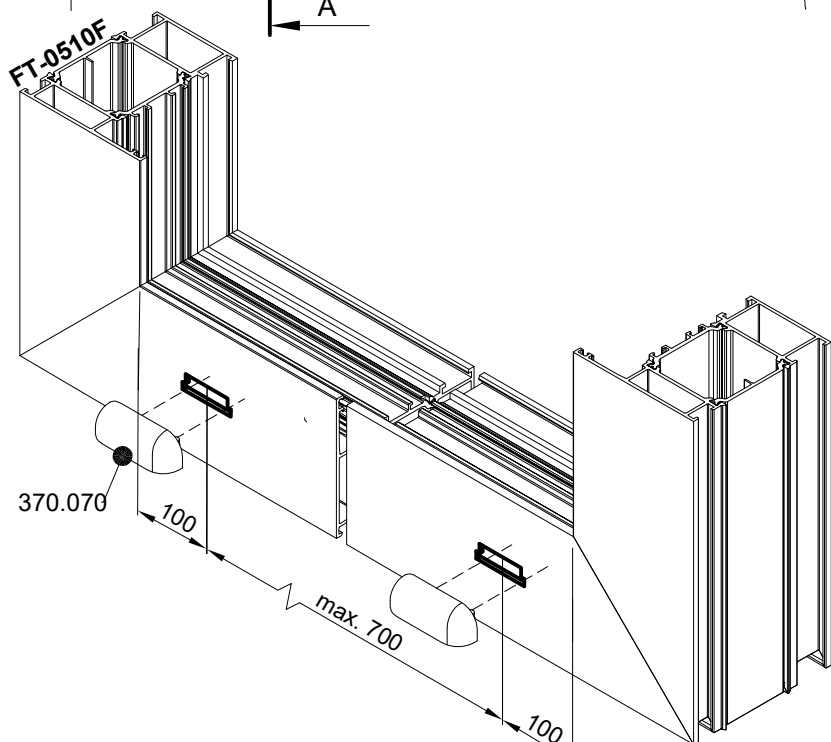
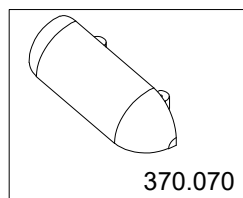
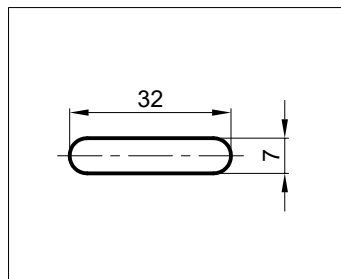
- 370.070 - pvc mask for drainage hole



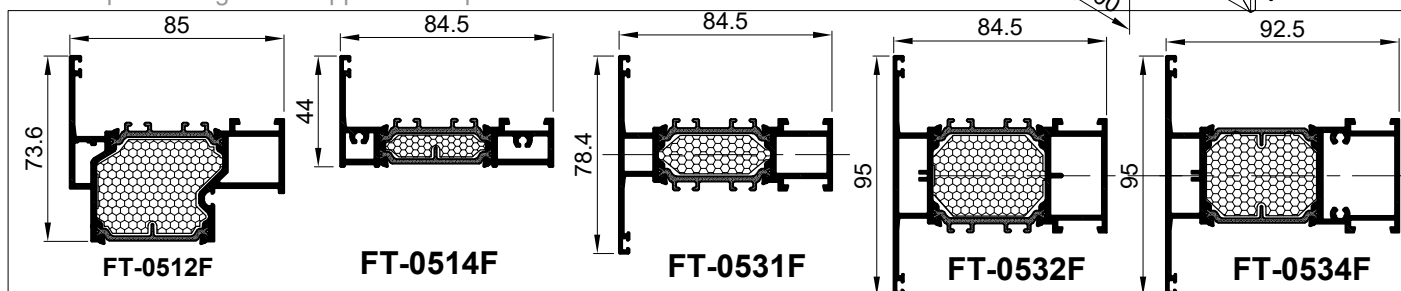
Presjek A-A
Cross-section A-A



OBRADA-OPCIJA



Obrada profila je primjenjiva i na profile
Profile processing is also applicable to profiles



OBRADA NA PROFILU RAMA FT-0510F ZA ODVOD KAPLJEVINA PROCESSING OF FRAME PROFILE FT-0510F FOR WATER DRAINAGE

- obrada donjeg pojasa rama štancanjem

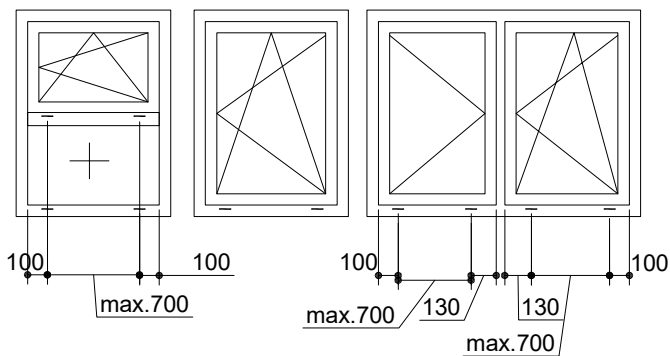
Alat: Štanca S1

- 373.003 - pvc maska za drenažni otvor

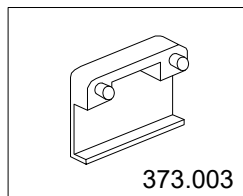
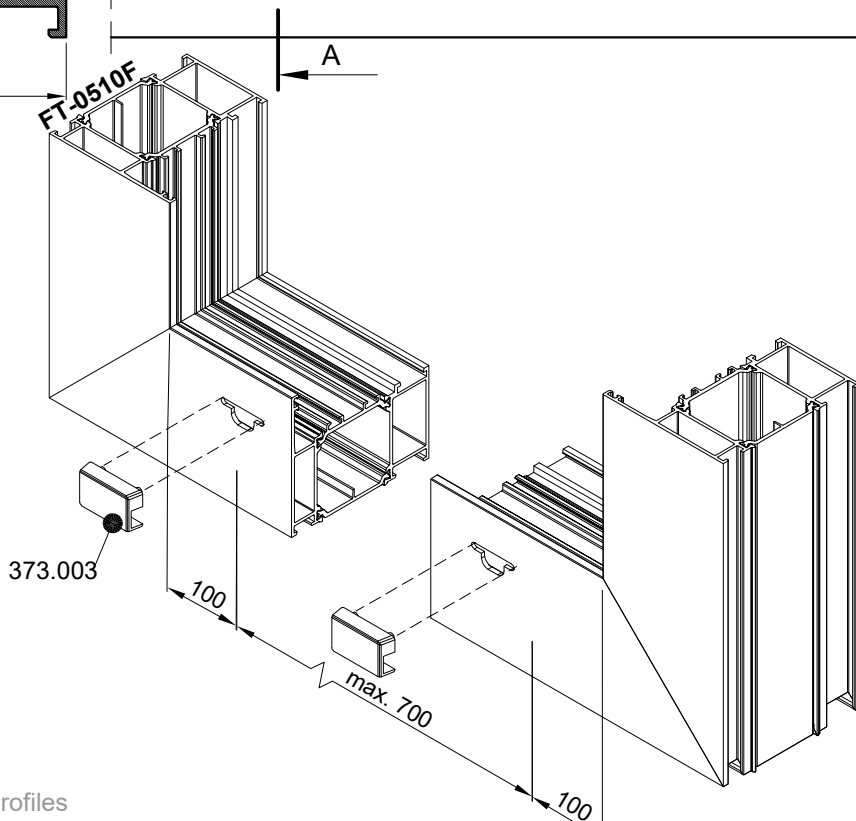
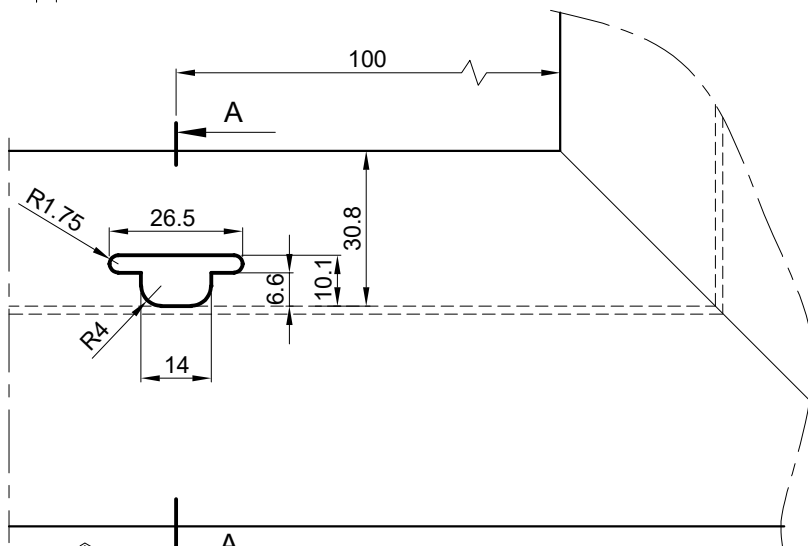
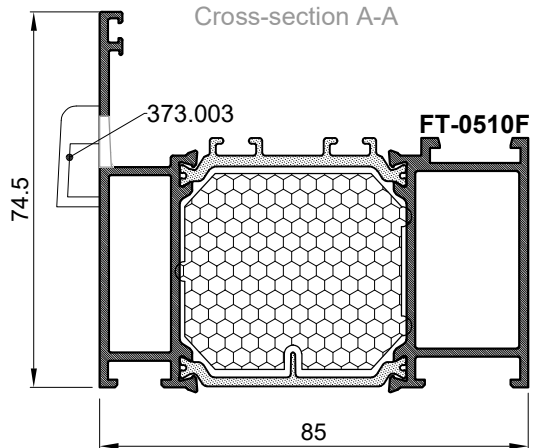
- processing of frame lower zone /metal punching/

Tool: Metal punching machine S1

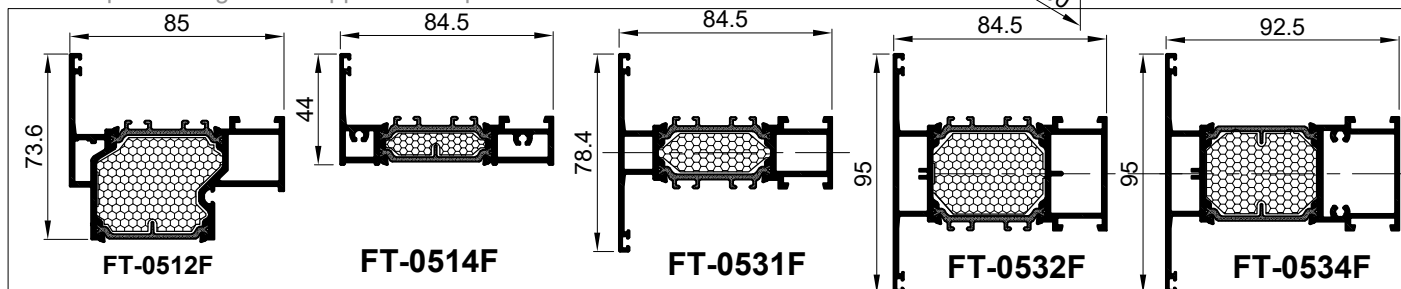
- 373.003 - pvc mask for drainage hole



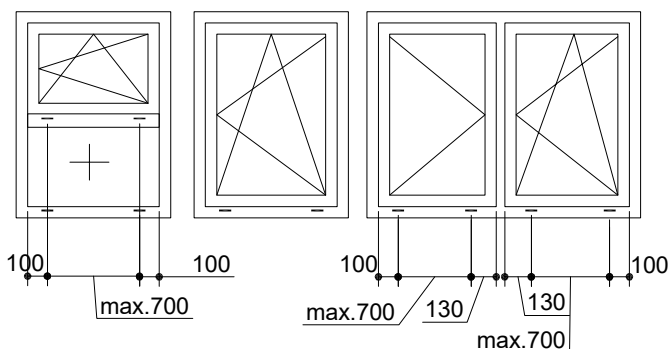
Presjek A-A
Cross-section A-A



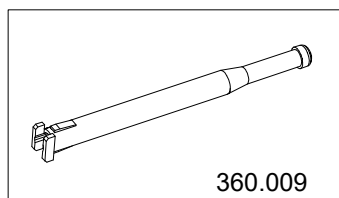
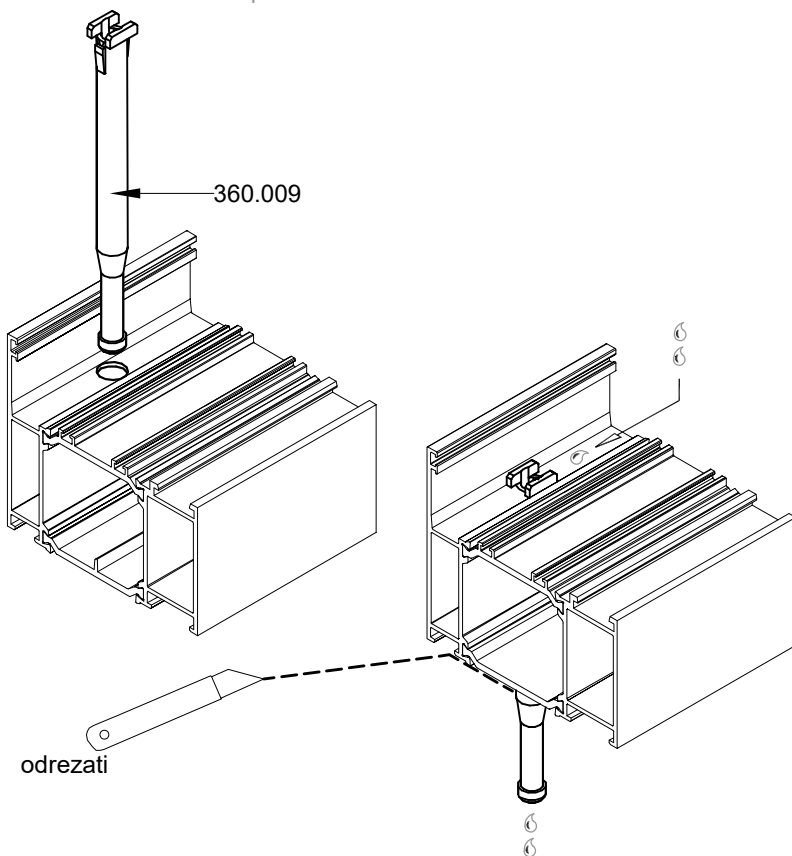
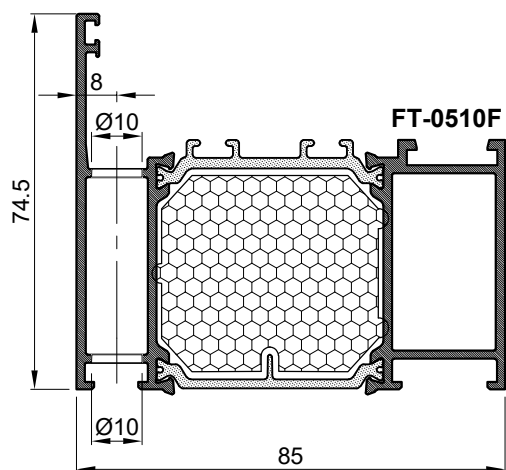
Obrada profila je primjenjiva i na profile
Profile processing is also applicable to profiles



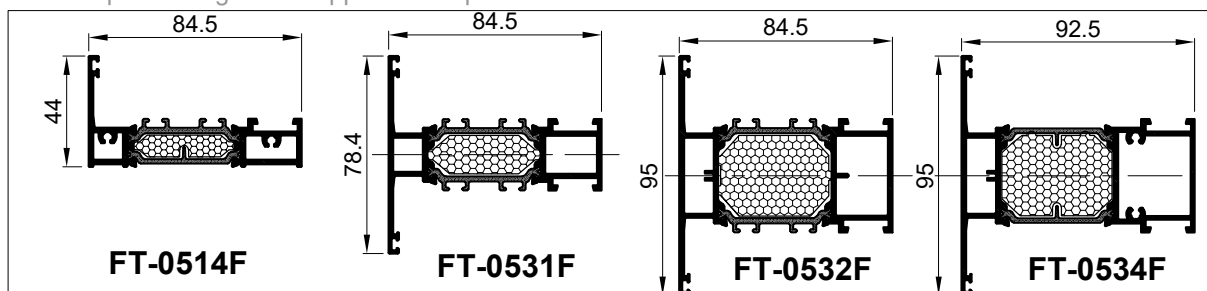
OBRADA PROFILA RAMA I PREČKE ZA SKRIVENI ODVOD KAPLJEVINA PROCESSING OF THE FRAME AND BAR PROFILES FOR HIDDEN LIQUID DRAINAGE

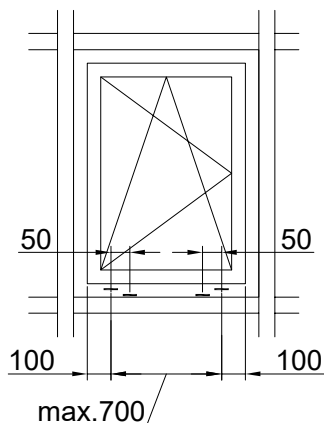


Obrada na profilu rama FT-0510 za odvod kapljevina
Obrada profila se izvodi na:
Univerzalna glodalica / stubna bušilica
Alat: vretenasto glodalo Ø10 / svrdlo Ø10
Processing on the frame profile FT-0510 for draining liquids
Profile processing is performed on:
Universal milling machine / pillar drill
Tool: spindle mill Ø10 / drill bit Ø10



Obrada profila je primjenjiva i na profile
Profile processing is also applicable to profiles

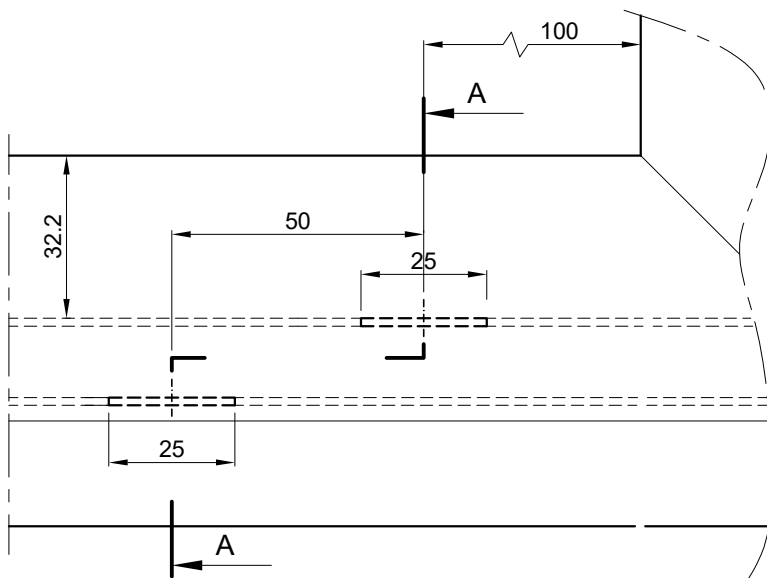
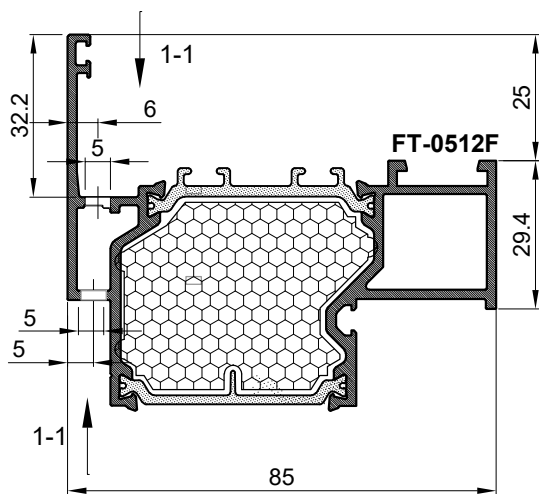




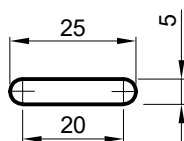
OBRADA NA PROFILU RAMA FT-0512F ZA SKRIVENI ODVOD KAPLJEVINA PROCESSING OF FRAME PROFILE FT-0512F FOR HIDDEN WATER DRAINAGE

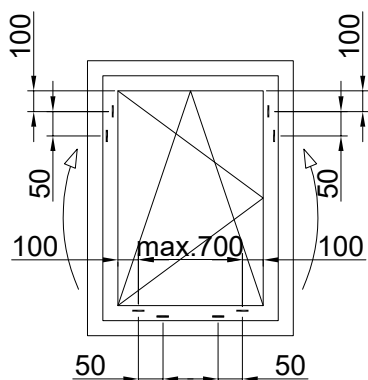
- Obradu raditi vretenastim glodalom,
- minimalno dva po krilu sa razmakom od max.700 mm
- 100 mm od kraja unutarnje kote profila krila
- Process with end mill
- minimum two per sash with a distance of max.700 mm
- 100 mm from the end of the inner elevation of the sash profile

Presjek A-A
Cross-section A-A



Pogled 1-1
View 1-1

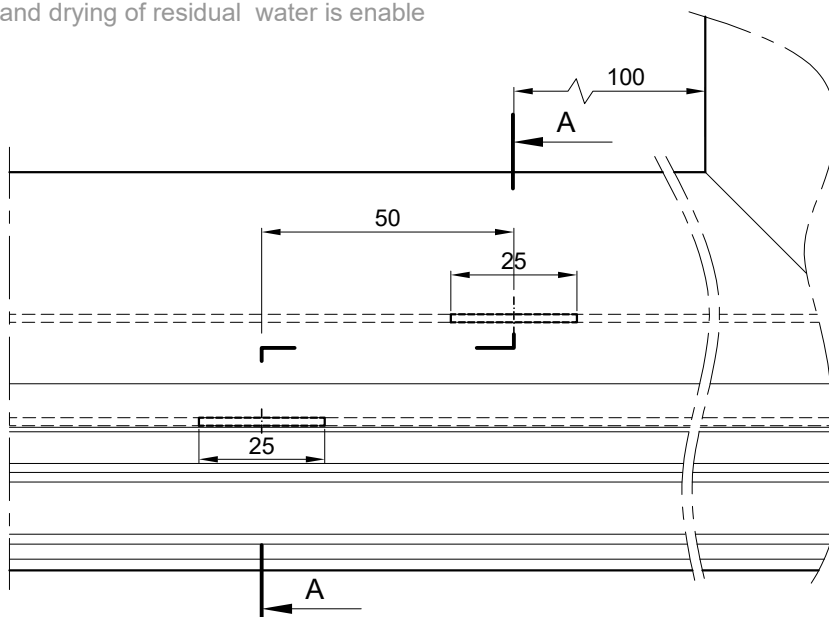
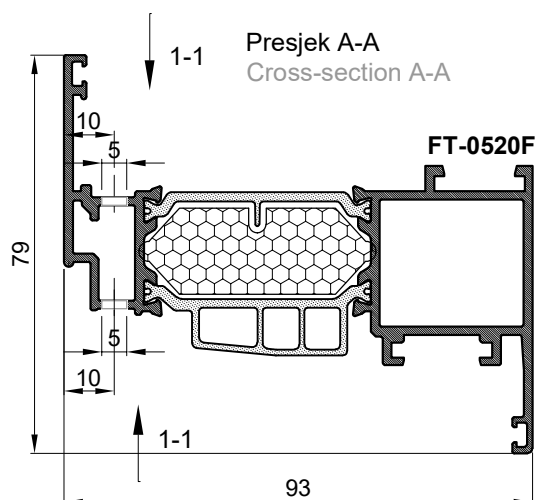




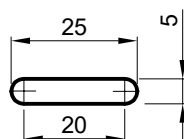
OBRADA NA PROFILU KRILA FT-0520F ZA ODVOD KAPLJEVINA I
VENTILIRANJE KOMORA KRILA PROZORA
PROCESSING OF SASH PROFILE FT-0520F FOR WATER DRAINAGE
AND VENTILATION OF SASH CHAMBERS

- Obradu raditi vretenastim glodalom,
- minimalno dva po krilu sa razmakom od max.700 mm
- 100 mm od kraja unutarnje kote profila krila
- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja moćnih kapljevina

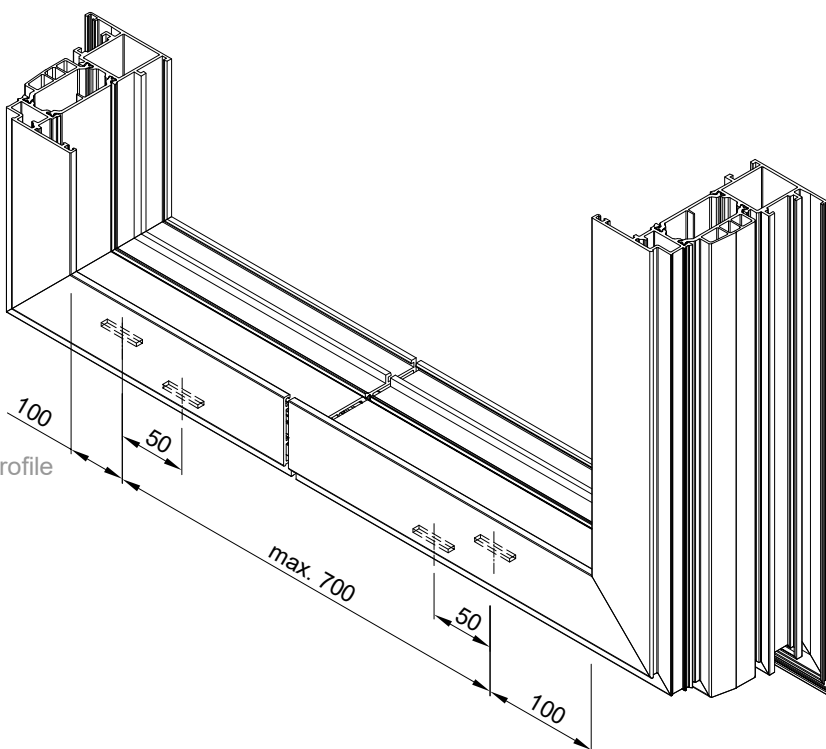
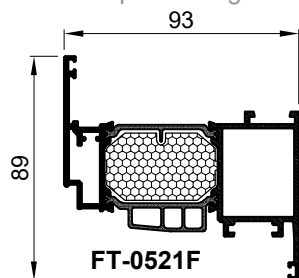
- Process with end mill
- minimum two per sash with a distance of max.700 mm
- 100 mm from the end of the inner elevation of the sash profile
- due to punctured slots inside the window air flow and drying of residual water is enable



Pogled 1-1
View 1-1



Obrada profila je primjenjiva i na profil
Profile processing is also applicable to profile



OBRADA NA PROFILU PRAGA FT-0514F ZA ODVOD KAPLJEVINA PROCESSING OF THRESHOLD PROFILE FT-0514F FOR WATER DRAINAGE

- obrada na profilu praga /štancanjem/

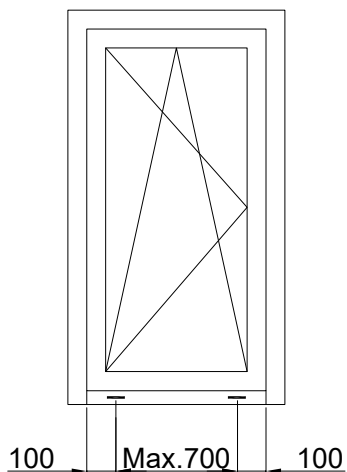
Alat: Štanca S1

1. Obrada 1 sa pvc maskom za drenažni otvor 373.003
2. Obrada 2 sa pvc maskom za drenažni otvor 370.070 (opcija)

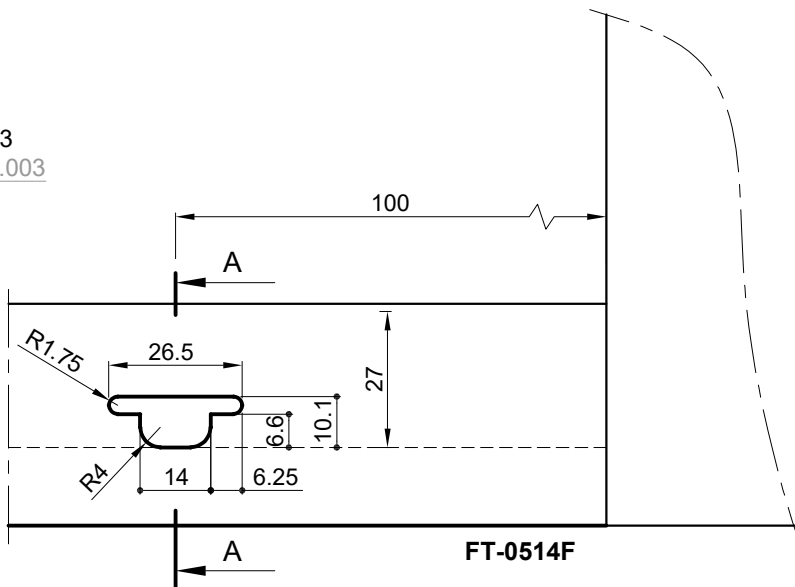
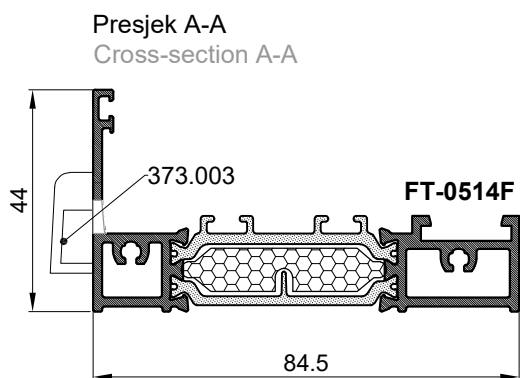
- processing on threshold profile /metal punching/

Tool: Metal punching machine S1

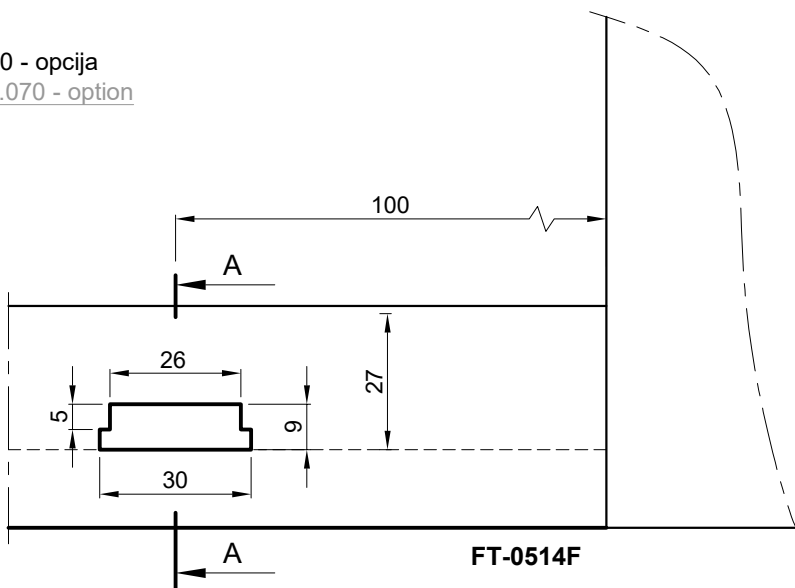
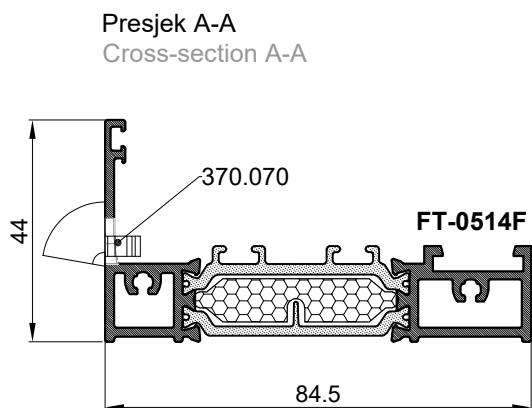
1. Processing 1 with PVC mask for drainage hole 373.003
2. Processing 2 with PVC mask for drainage hole 370.070

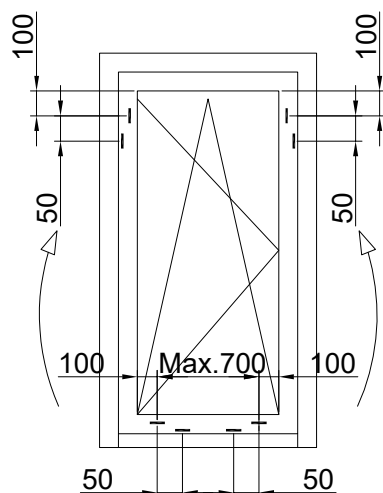


Obrada 1 - pvc maska za drenažni otvor 373.003
Processing 1 - PVC mask for drainage hole 373.003



Obrada 2 - pvc maska za drenažni otvor 370.070 - opcija
Processing 2 - PVC mask for drainage hole 370.070 - option



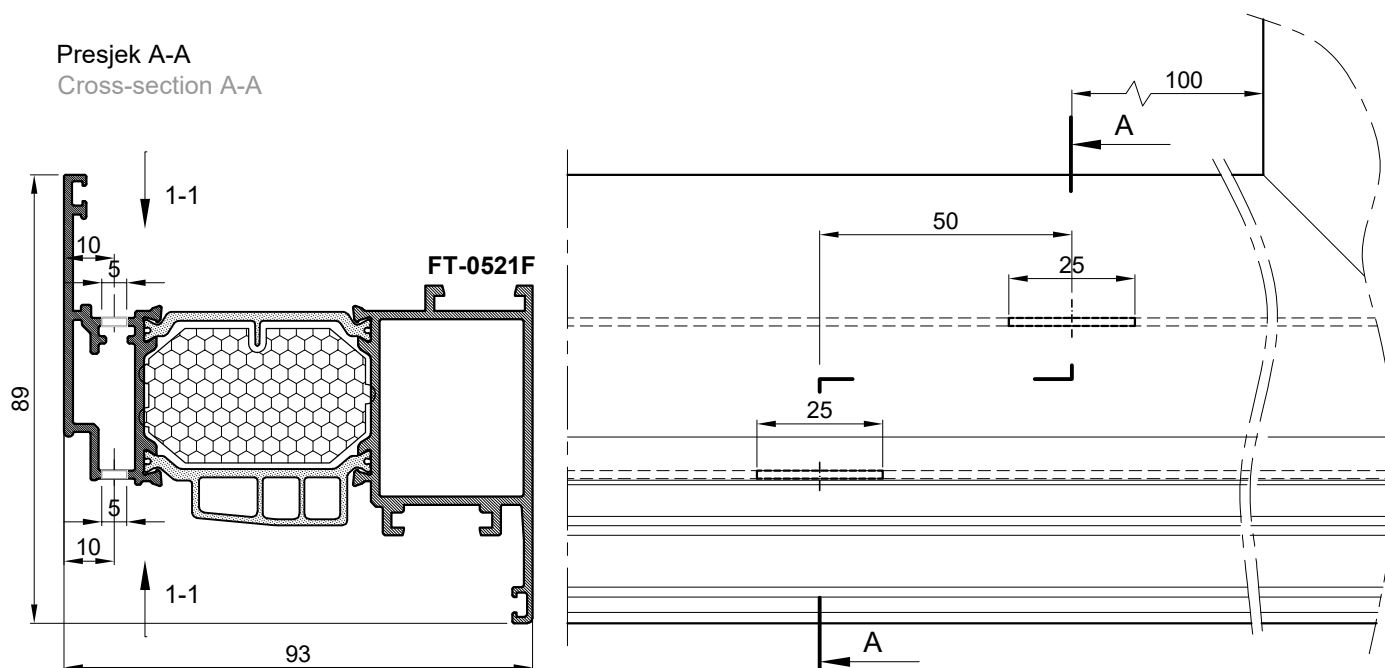


OBRADA NA PROFILU KRILA BALKONSKIH VRATA FT-0521F ZA ODVOD KAPLJEVINA I VENTILIRANJA KOMORA KRILA BALKONSKIH VRATA PROCESSING OF SASH BALCONY DOOR PROFILE FT-0521F FOR WATER DRAINAGE AND VENTILATION OF SASH CHAMBERS

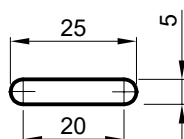
- Obradu raditi vretenastim glodalom,
- minimalno dva po krilu sa razmakom od max.700 mm
- 100 mm od kraja unutarnje kote profila krila
- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja mogućih kapljevina

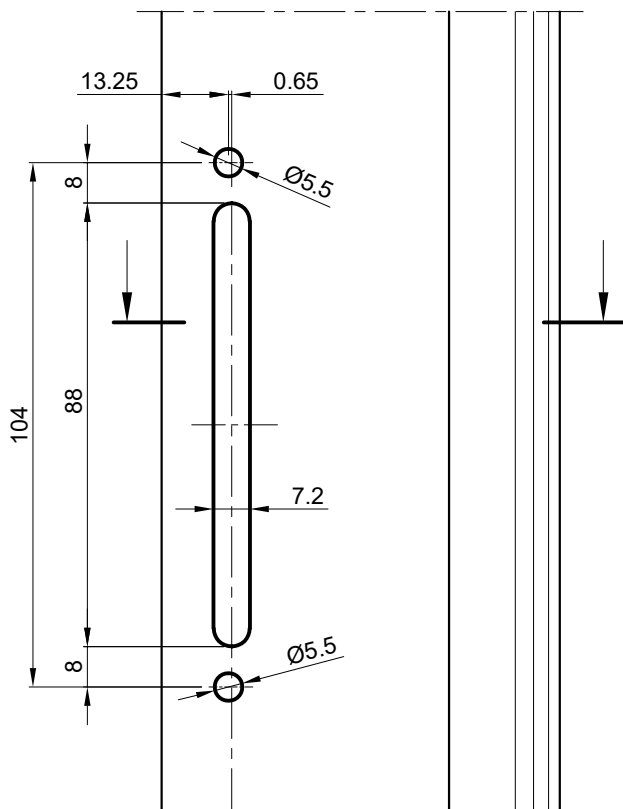
- Process with end mill
- minimum two per sash with a distance of max.700 mm
- 100 mm from the end of the inner elevation of the sash profile
- due to punctured slots inside the window air flow and drying of residual water is enable

Presjek A-A
Cross-section A-A

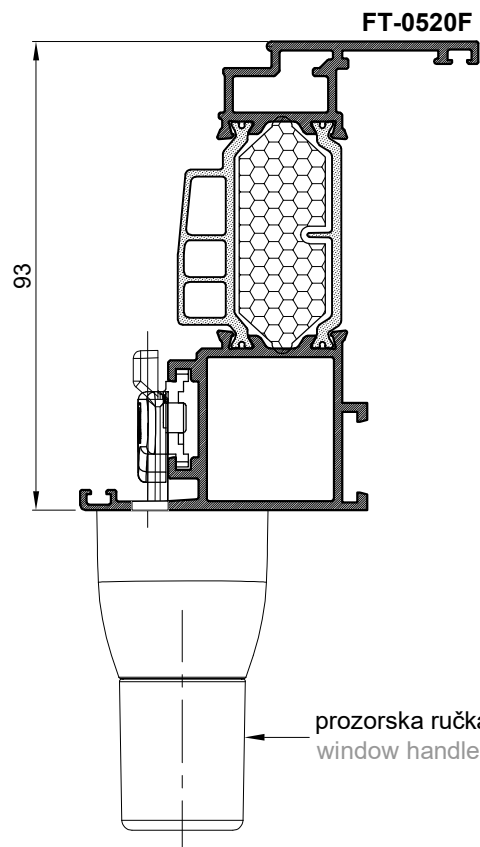
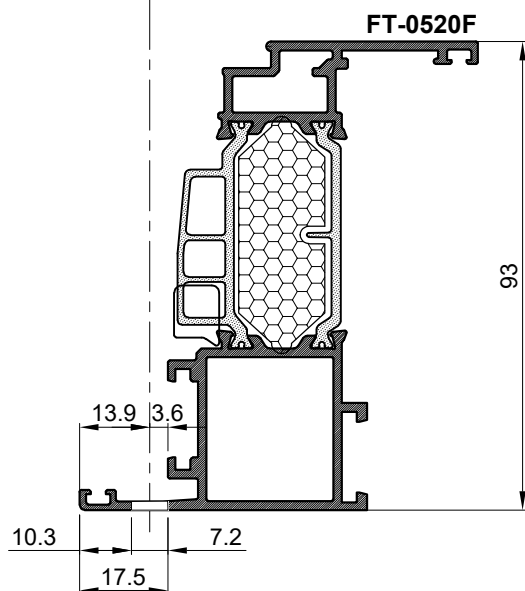


Pogled 1-1
View 1-1



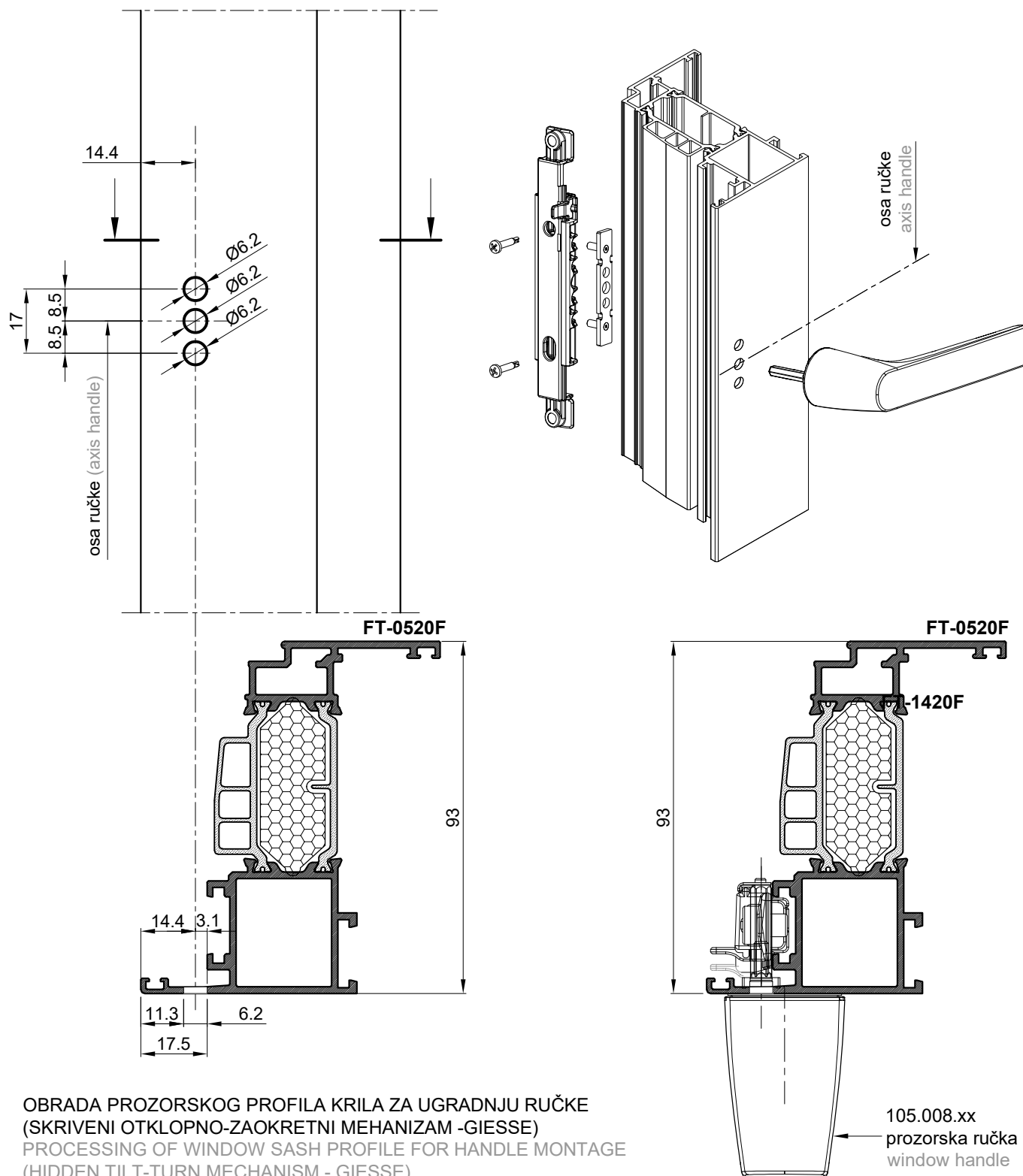
OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
PROCESSING OF WINDOW SASH PROFILE FOR HANDLE MONTAGE


- Za zaokretno i otklopno-zaokretno otvaranje
- Obrada je ista za sve profile krila prozora
- For turn and tilt-turn opening
- Processing is the same for all sash window profiles

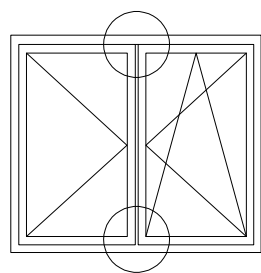

 prozorska ručka
window handle

 OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
(OTKLOPNO-ZAOKRETNI MEHANIZAM)
PROCESSING OF WINDOW SASH PROFILE FOR HANDLE MONTAGE
(TILT-TURN MECHANISM)

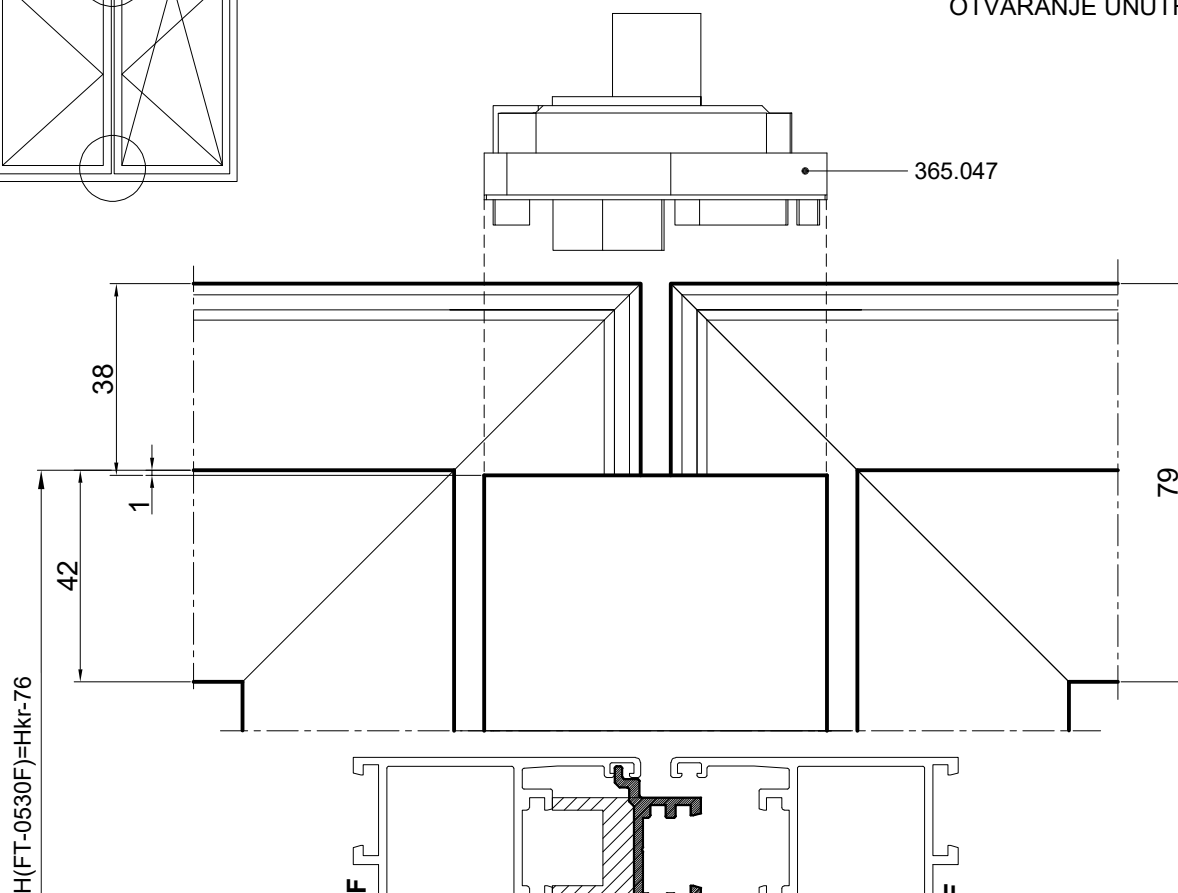
- obrada na profilu krila /štancanjem/
Alat: Štanca S1
- processing on sash profile /metal punching/
Tool: Metal punching machine S1

OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
PROCESSING OF WINDOW SASH PROFILE FOR HANDLE MONTAGE

 OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
(SKRIVENI OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE)
PROCESSING OF WINDOW SASH PROFILE FOR HANDLE MONTAGE
(HIDDEN TILT-TURN MECHANISM - GIESSE)

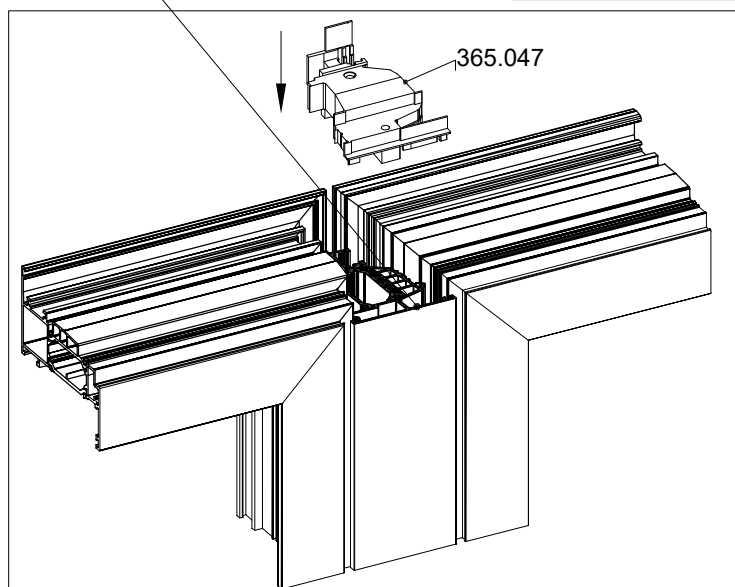
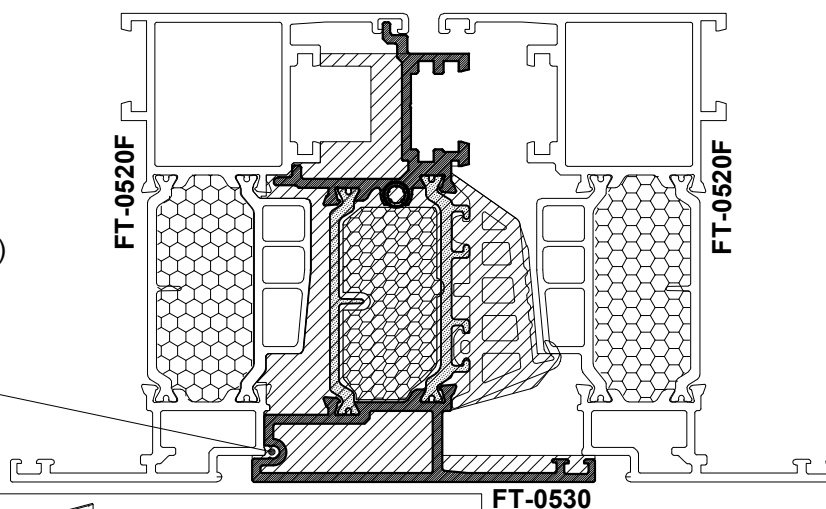
- obrada na profilu krila /glodanjem/
Alat: vretenasto glodalo Ø6.2
- processing on sash profile /milling/
Tool: end mill Ø6.2



OTVARANJE UNUTRA



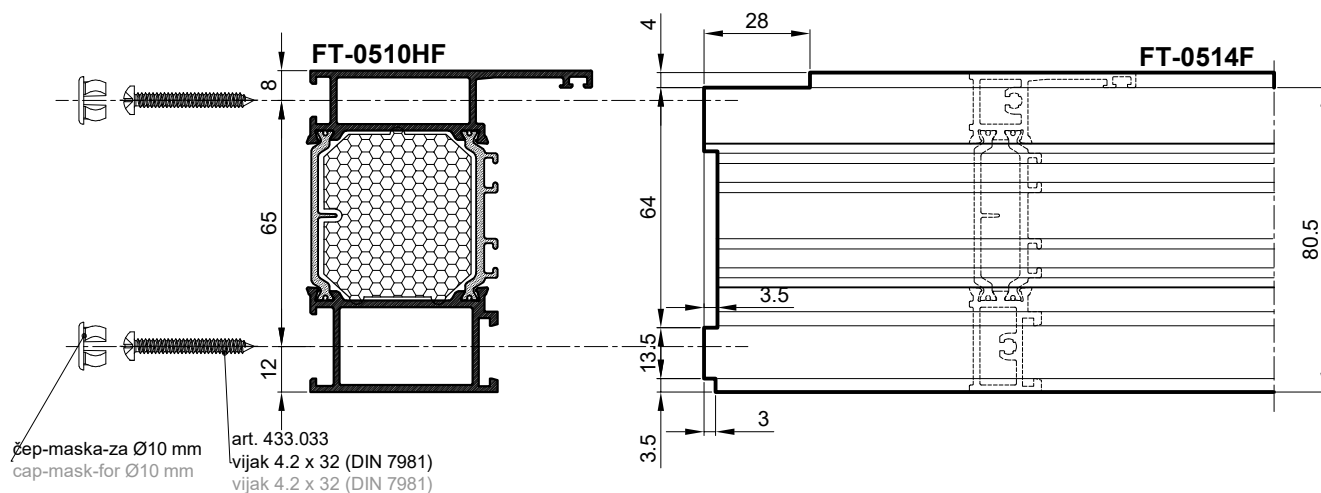
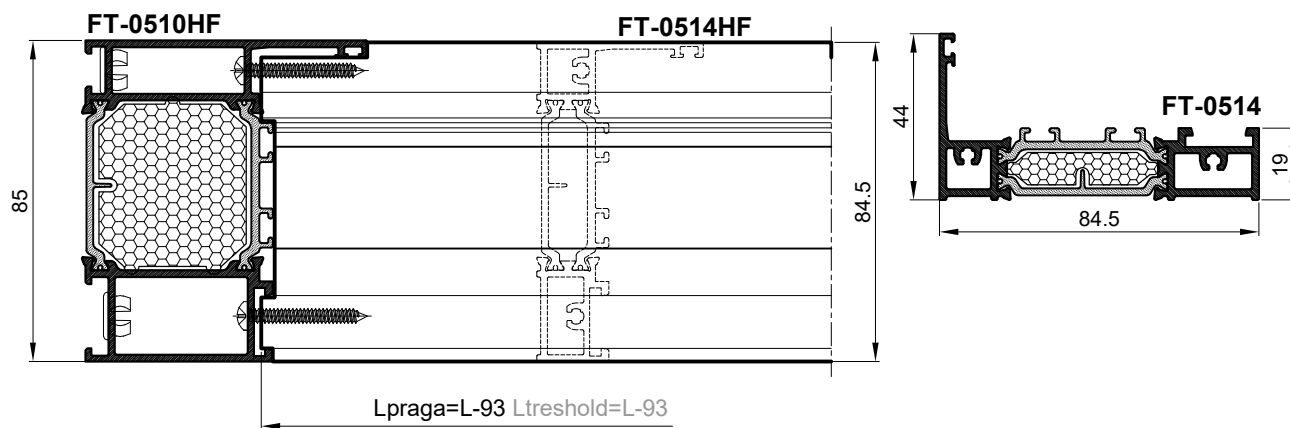
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)



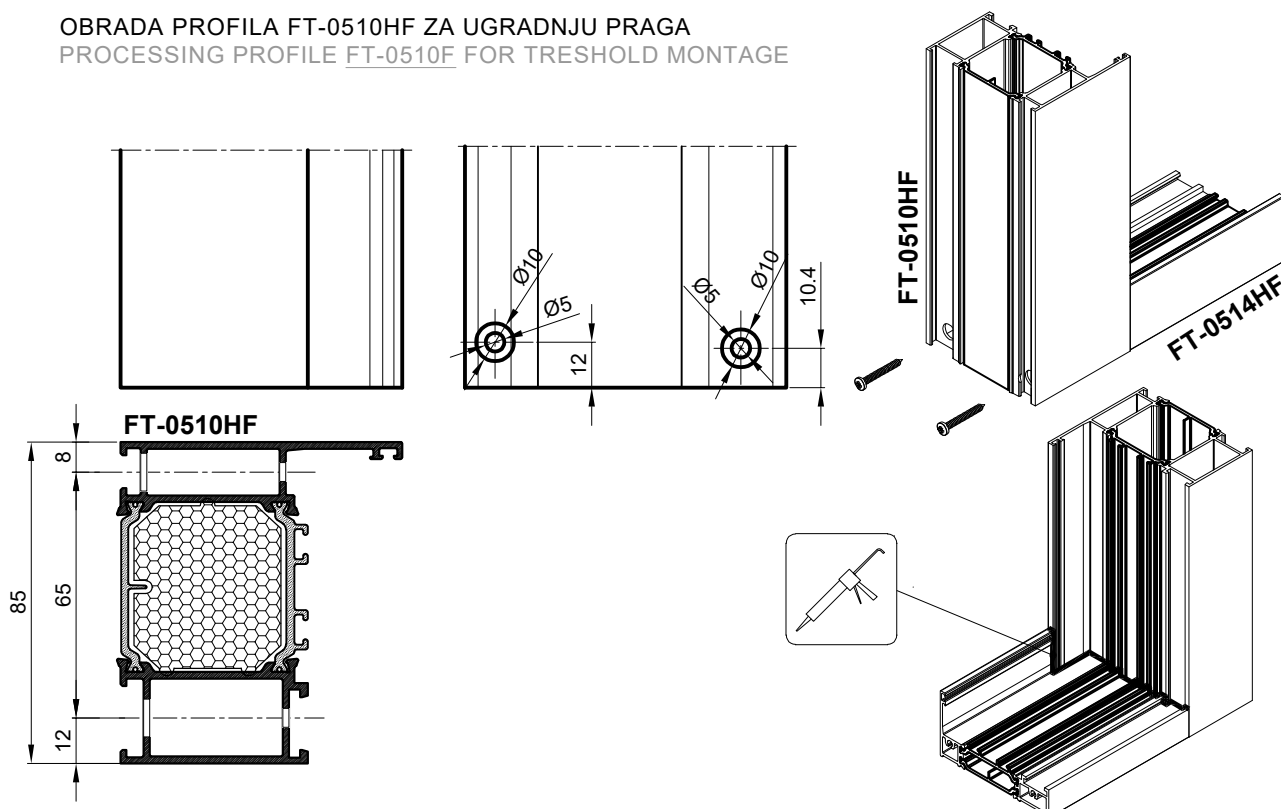
365.047-gornji i donji umetak-simetrično
-materijal:tvrd guma
-mjera pilanja profila FT-0286HF
 $H(FT-0530F)=Hkr - 76$
365.047
-upper and lower insert-symetrical
-material:hard rubber
-cutting length of profile FT-0530F
 $H=(FT-0530F)=Hkr - 76$

UGRADNJA I OBRADA PROFILA PRAGA FT-0514F PREMA PROFILU RAMA FT-0510F

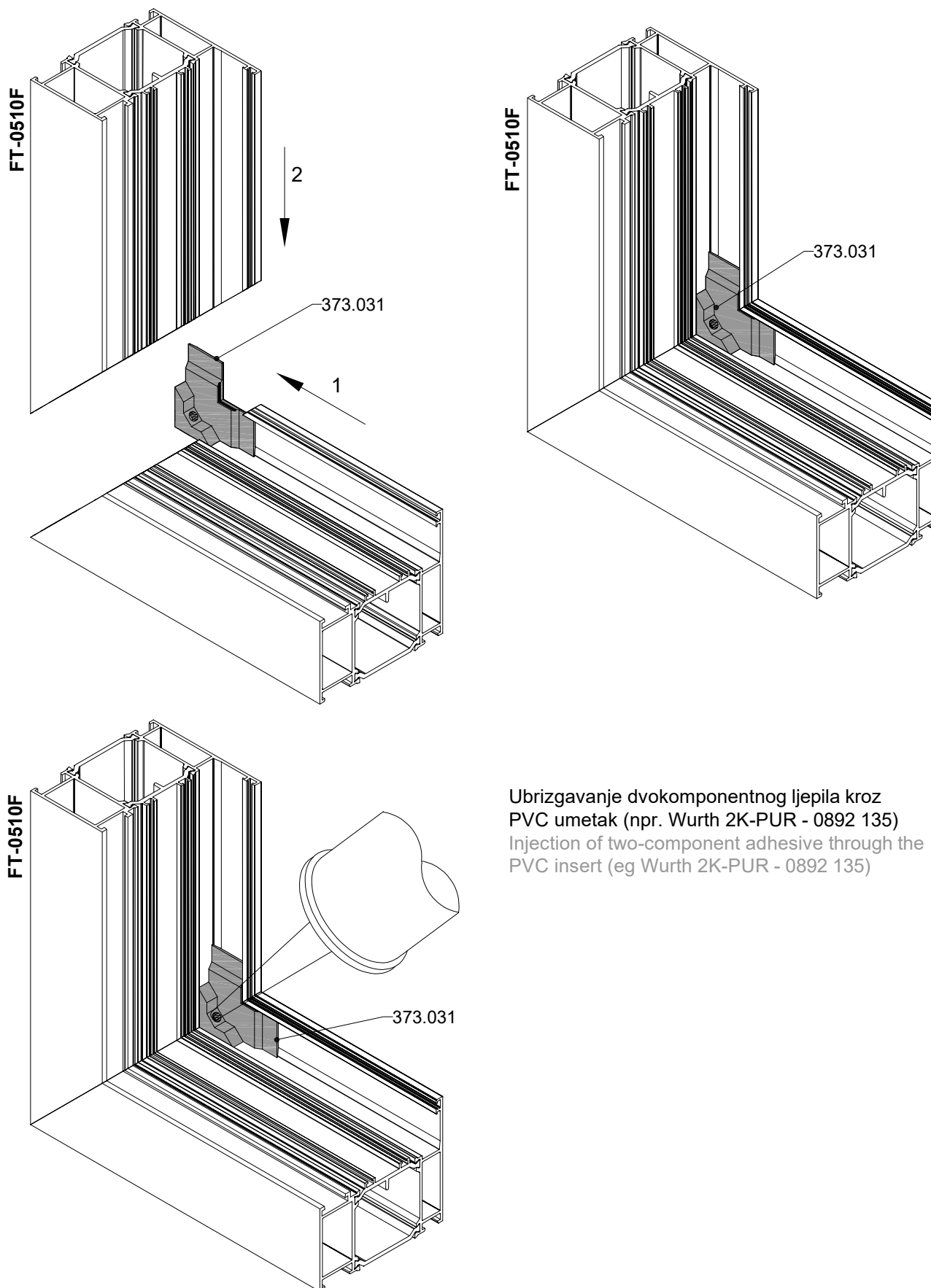
MOUNTING AND PROCESSING TRESHOLD PROFILE FT-0514F ACCORDING TO THE FRAME PROFILE FT-0510F



OBRADA PROFILA FT-0510HF ZA UGRADNJU PRAGA
PROCESSING PROFILE FT-0510F FOR TRESHOLD MONTAGE



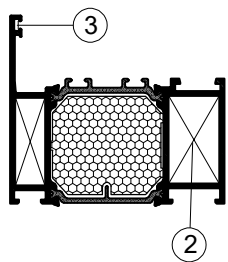
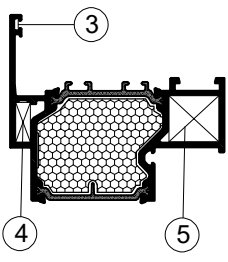
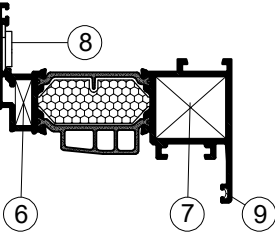
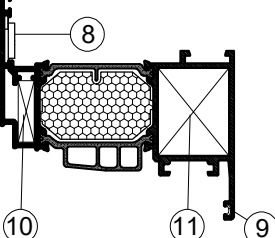
Prikaz montaže PVC umetka u utoru vanjskog dijela rama
Installation view of the PVC insert in the groove of the outer part of the frame



Ubrizgavanje dvokomponentnog ljepila kroz
PVC umetak (npr. Wurth 2K-PUR - 0892 135)
Injection of two-component adhesive through the
PVC insert (eg Wurth 2K-PUR - 0892 135)

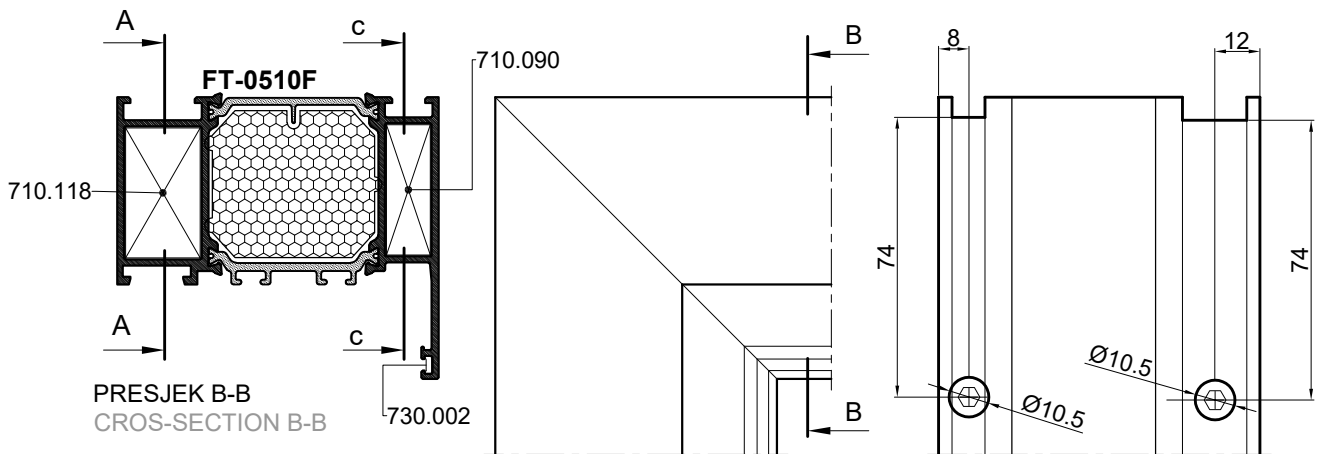
PRIKAZ KUTNIKA U PROFILIMA

DISPLAY OF CORNER BRACKETS IN PROFILES

FT-0510F		①	710.090		
			710.091		
		②	710.118		
			710.119		
		③	730.002		
FT-0512F		④	725.027		
		⑤	710.138		
			710.137		
		③	730.002		
FT-0520F		⑥	710.129		
		⑦	710.128		
			710.127		
		⑧	731.010		
		⑨	730.001		
FT-0521F		⑩	710.157		
		⑪	710.158		
			710.159		
		⑧	731.010		
		⑨	730.001		

SPAJANJE PROFILA FT-0510F KUTNICIMA; 710.118 i 710.090

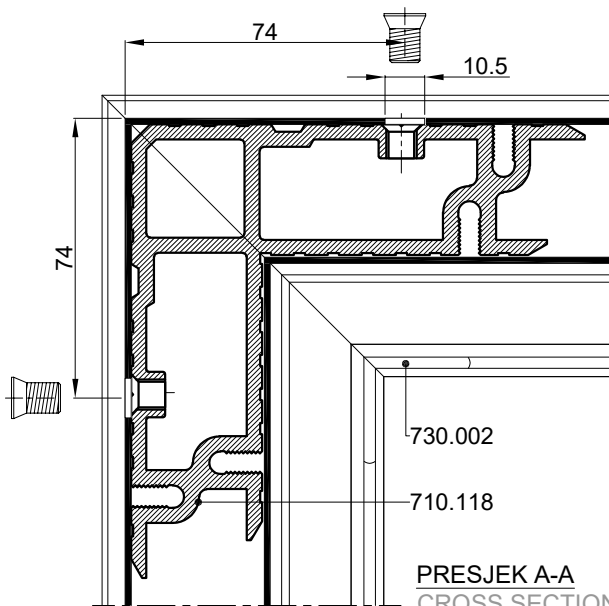
CONNECTION OF PROFILES FT-0510F WITH CORNER BRACKETS; 710.118 and 710.090



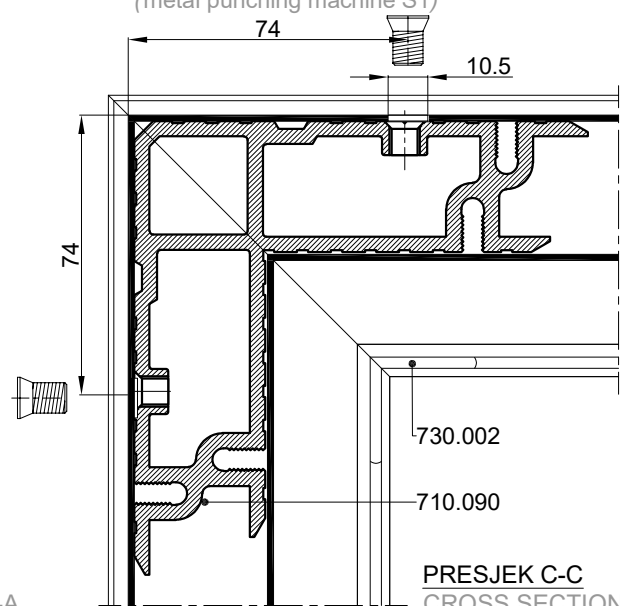
PRESJEK B-B
CROSS-SECTION B-B

Spajanje kutnikom 710.118
vijcima M8x13 -tip Feal-(štanca S1)
Corner bracket connection 710.118
screws M8x13 -type Feal-
(metal punching machine S1)

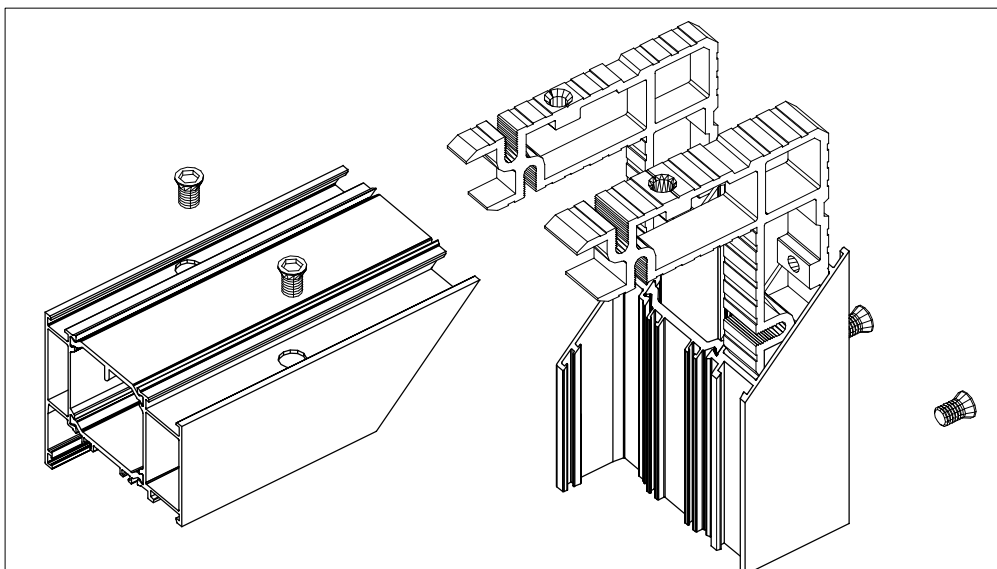
Spajanje kutnikom 710.090
vijcima M8x13 -tip Feal-(štanca S1)
Corner bracket connection 710.090
screws M8x13 -type Feal-
(metal punching machine S1)



PRESJEK A-A
CROSS SECTION A-A

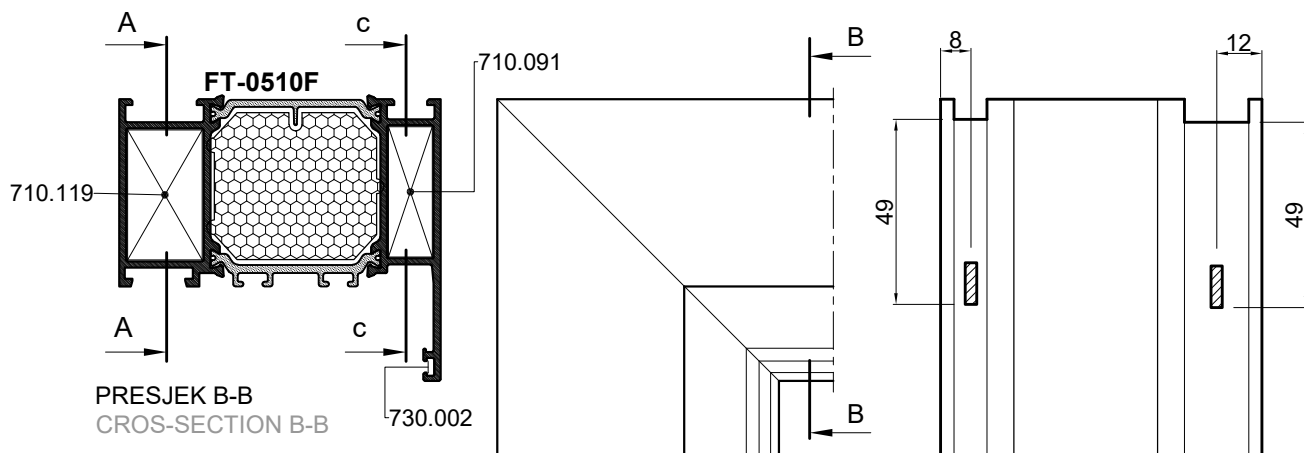


PRESJEK C-C
CROSS SECTION C-C



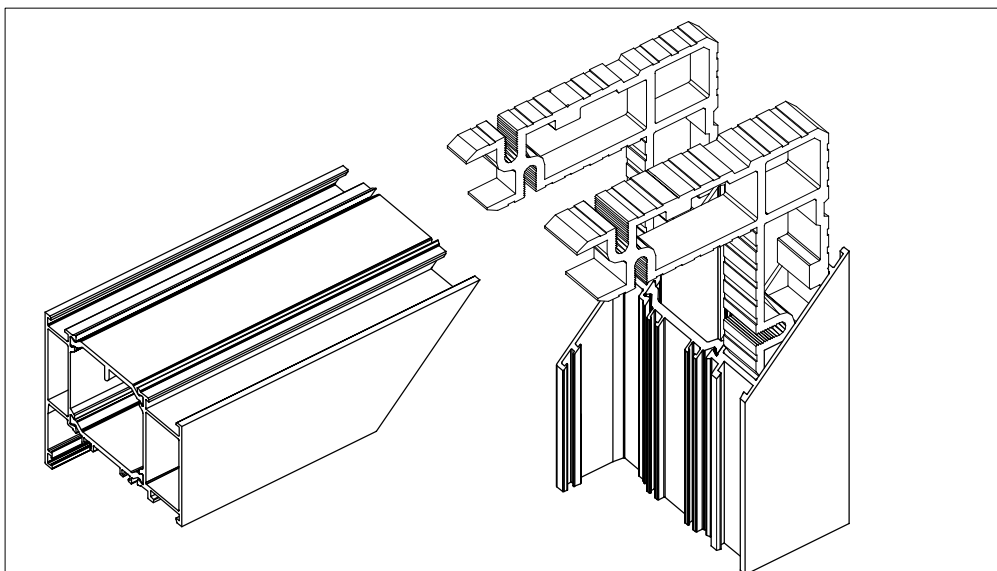
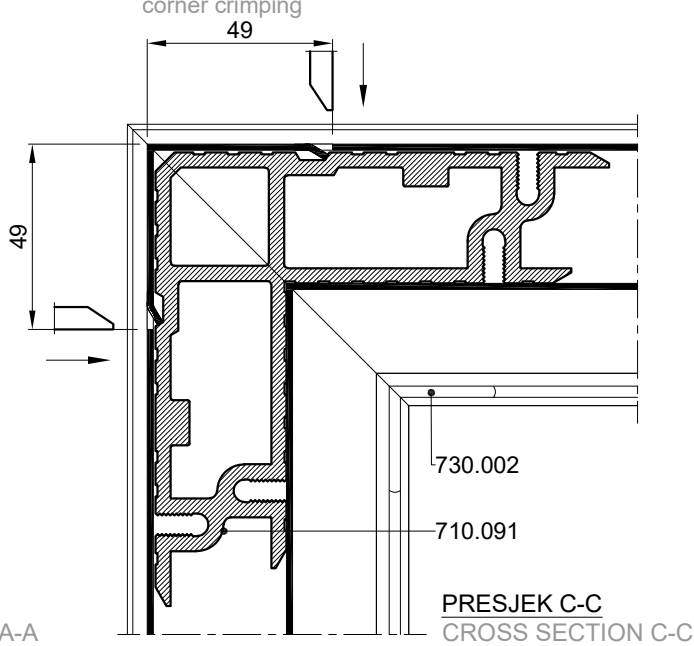
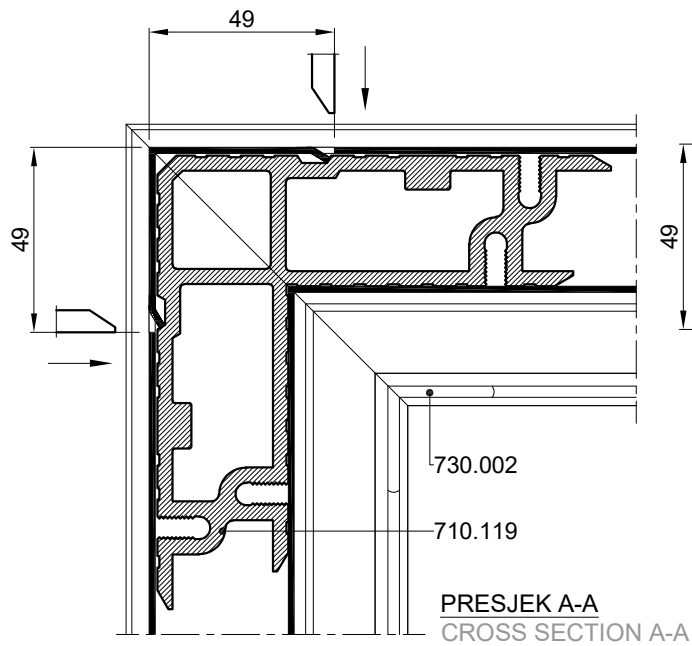
SPAJANJE PROFILA FT-0510F KUTNICIMA; 710.119 i 710.091

CONNECTION OF PROFILES FT-0510F WITH CORNER BRACKETS; 710.119 and 710.091



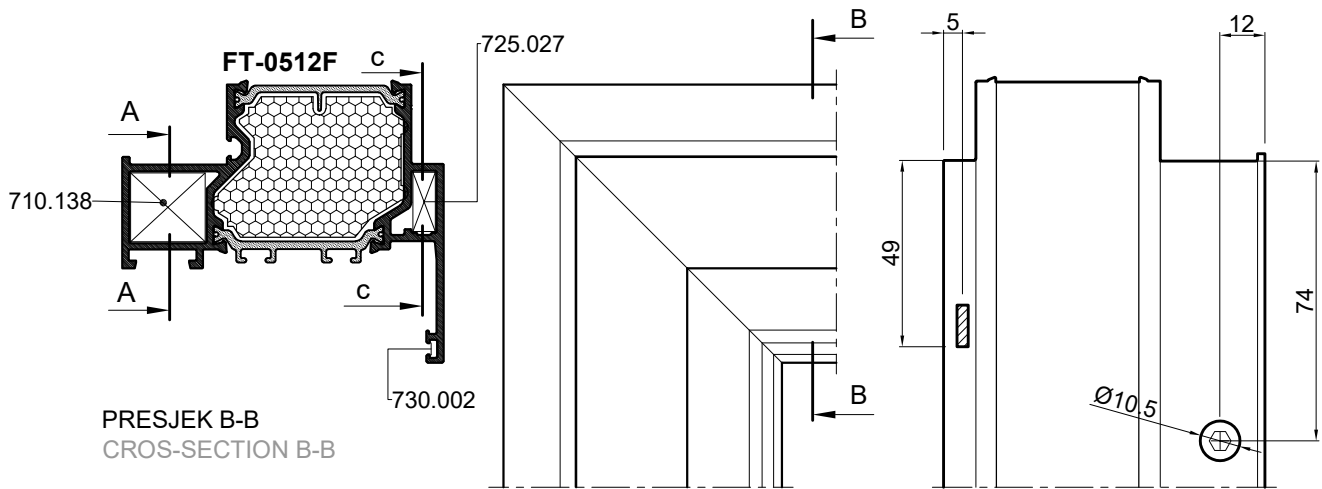
Spajanje kutnikom 710.119 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 710.119 aluminium profile
corner crimping

Spajanje kutnikom 710.091 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 710.091 aluminium profile
corner crimping



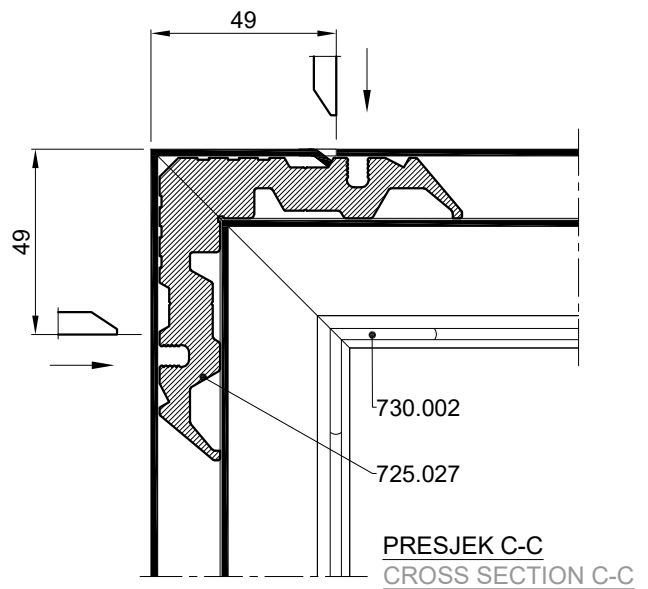
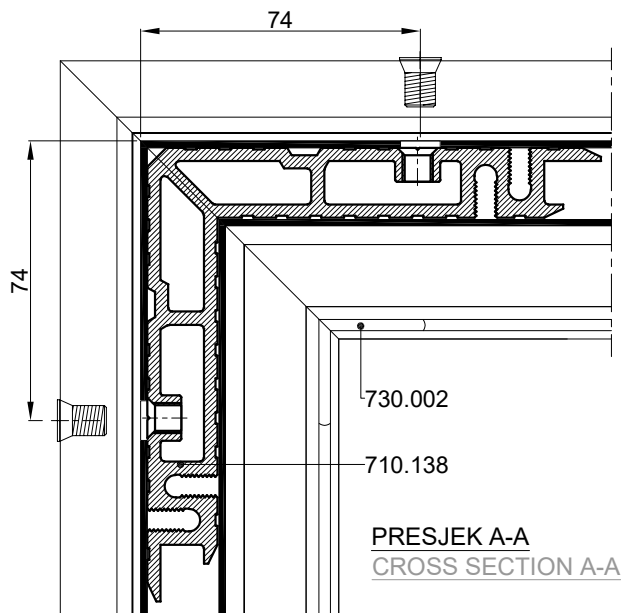
SPAJANJE PROFILA FT-0512F KUTNICIMA; 710.138 i 725.027

CONNECTION OF PROFILES FT-0510F WITH CORNER BRACKETS; 710.138 and 725.027



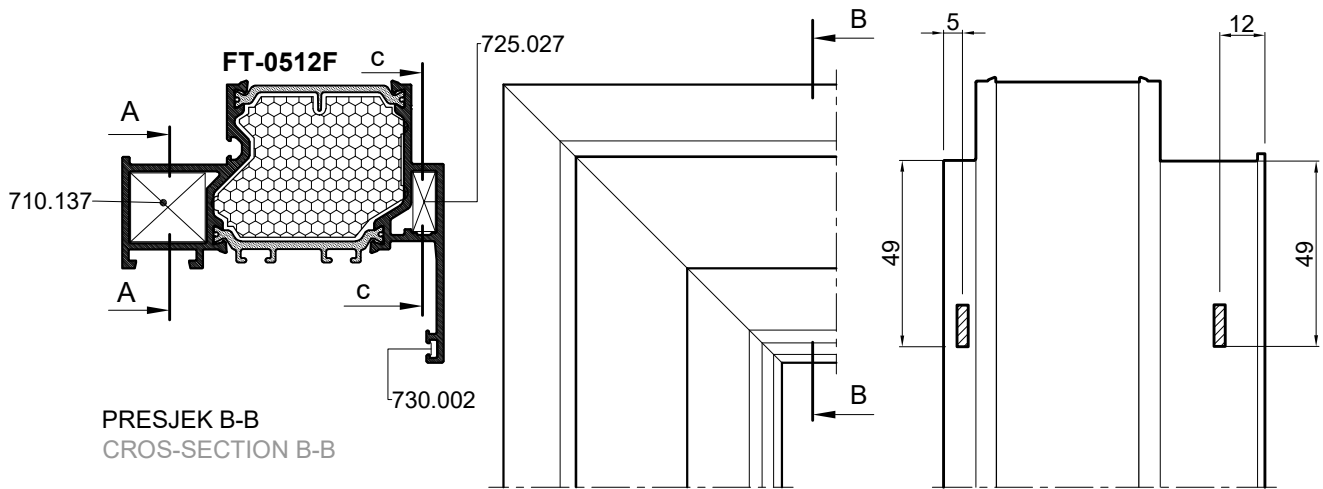
Spajanje kutnikom 710.138 vijcima
M8x13 -tip Feal-(štanca S1)
Corner bracket connection 710.138
screws M8x13 -type Feal-
(metal punching machine S1)

Spajanje kutnikom 725.027 uprešavanjem stijenke
profila u kutnu spojnicu
Corn. brac. connection 725.027 aluminium profile
corner crimping



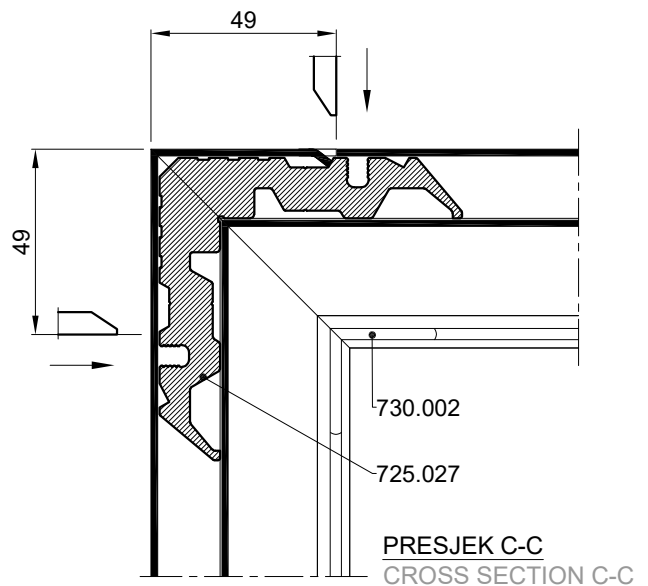
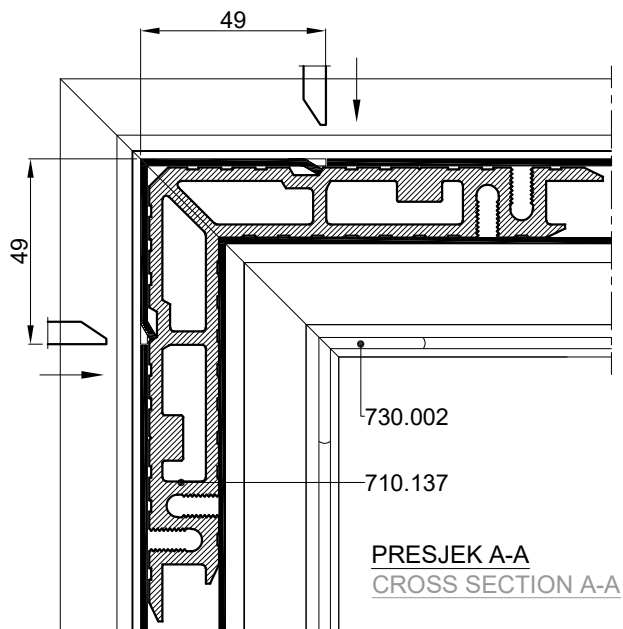
SPAJANJE PROFILA FT-0512F KUTNICIMA; 710.137 i 725.027

CONNECTION OF PROFILES FT-0510F WITH CORNER BRACKETS; 710.137 and 725.027



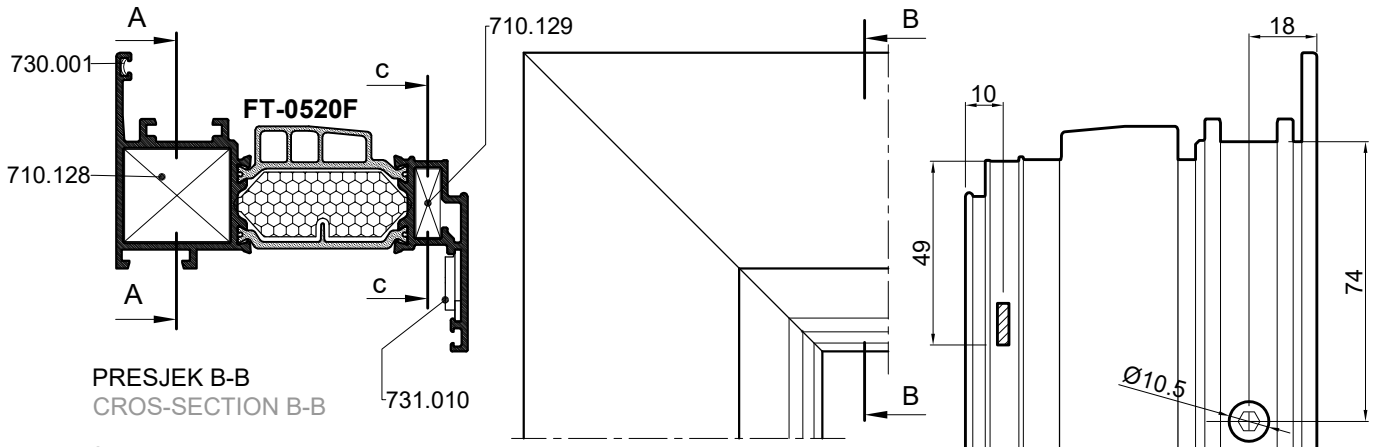
Spajanje kutnikom 725.137 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 725.137 aluminium profile
corner crimping

Spajanje kutnikom 725.027 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 725.027 aluminium profile
corner crimping



SPAJANJE PROFILA FT-0520F KUTNICIMA; 710.128 i 710.129

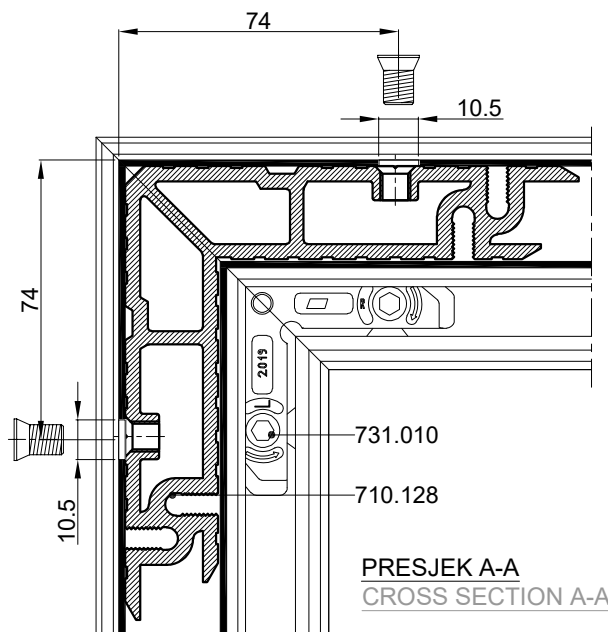
CONNECTION OF PROFILES FT-0520F WITH CORNER BRACKETS; 710.128 and 710.129



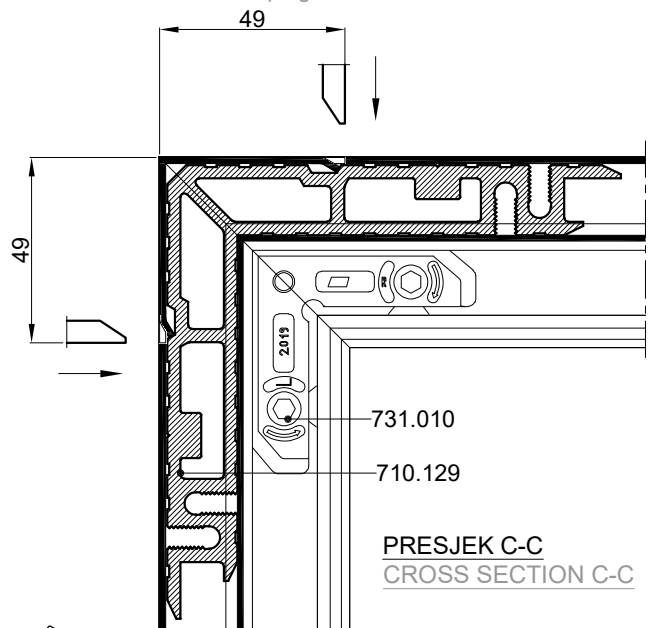
PRESJEK B-B
CROSS-SECTION B-B

Spajanje kutnikom 710.128
vijcima M8x13 -tip Feal-(štanca S1)
Corner bracket connection 710.128
screws M8x13 -type Feal-
(metal punching machine S1)

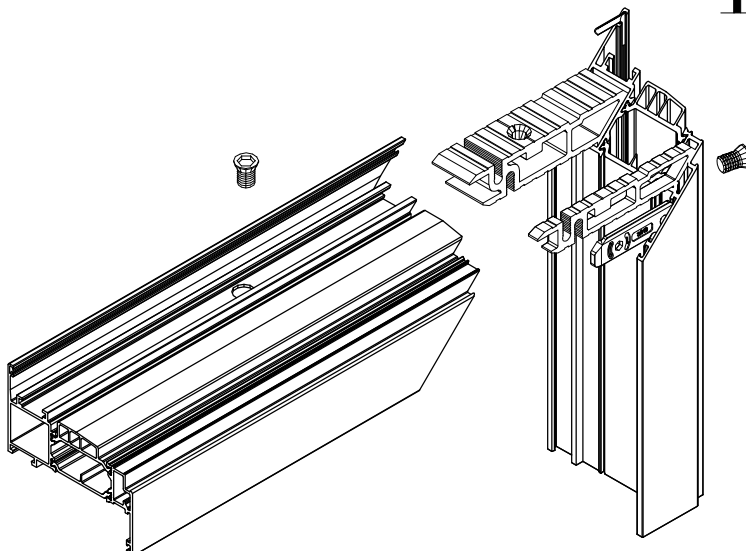
Spajanje kutnikom 710.129 uprešavanjem stijenke
profila u kutnu spojnicu
Corn. brac. connection 710.129 aluminium profile
corner crimping



PRESJEK A-A
CROSS SECTION A-A

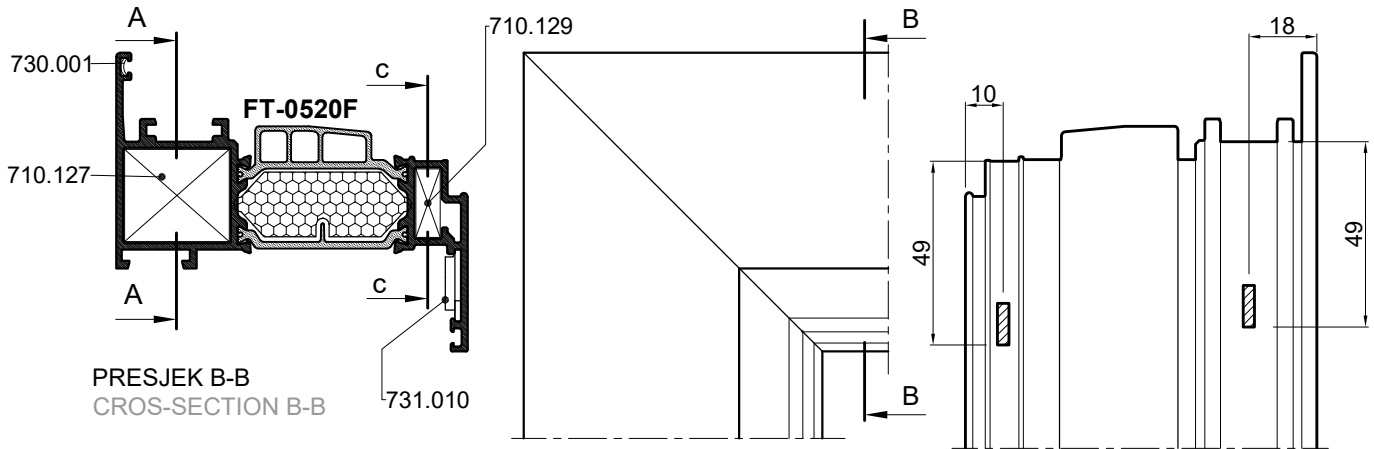


PRESJEK C-C
CROSS SECTION C-C

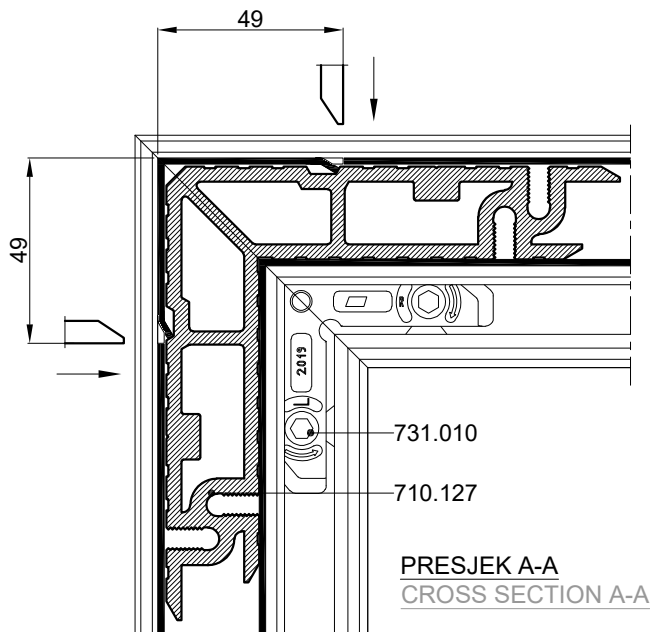


SPAJANJE PROFILA FT-0520F KUTNICIMA; 710.127 i 710.129

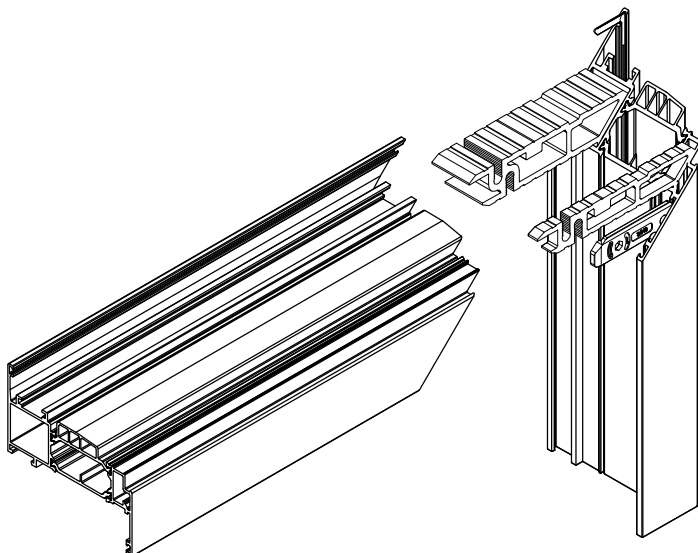
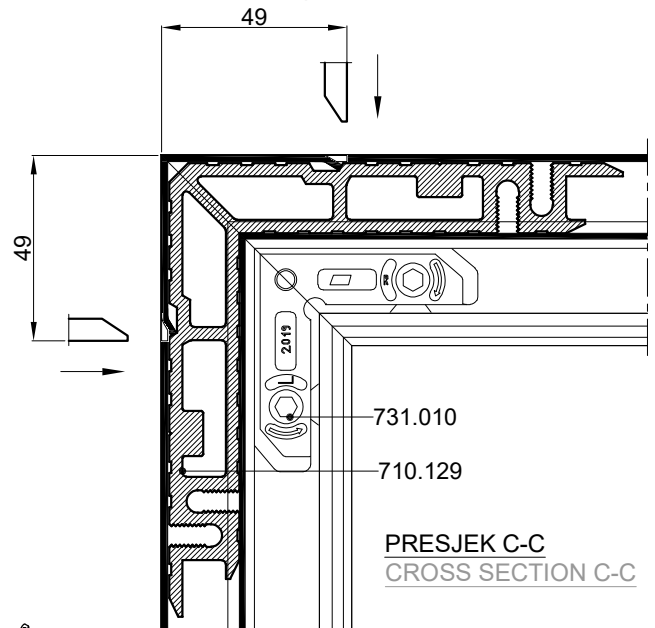
CONNECTION OF PROFILES FT-0520F WITH CORNER BRACKETS; 710.127 and 710.129



Spajanje kutnikom 710.127 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 710.127 aluminium profile
corner crimping

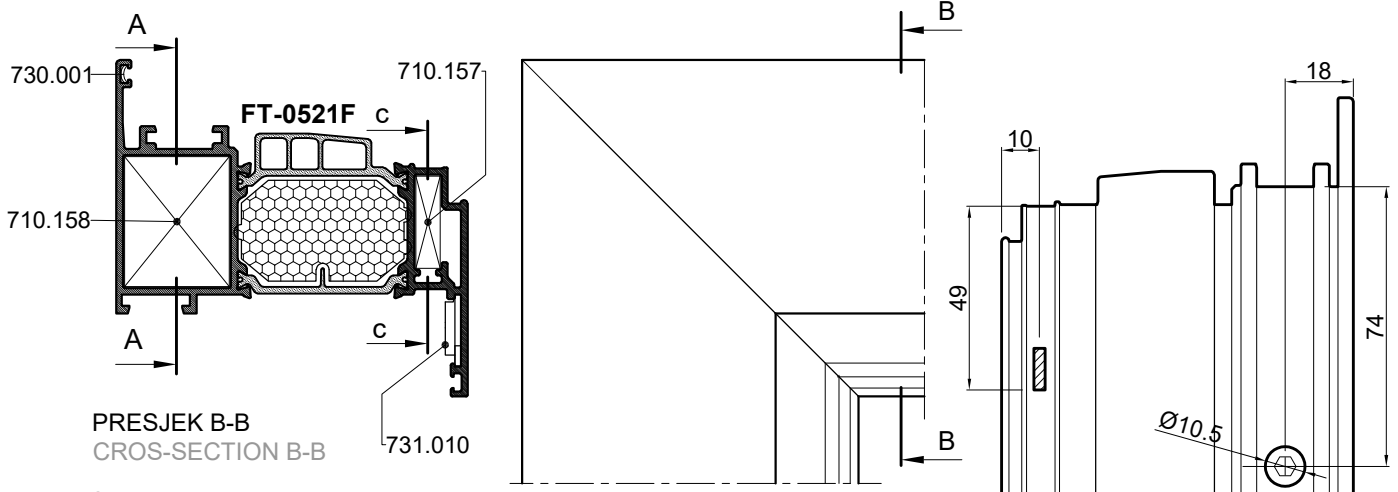


Spajanje kutnikom 710.129 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 710.129 aluminium profile
corner crimping



SPAJANJE PROFILA FT-0520F KUTNICIMA; 710.158 i 710.157

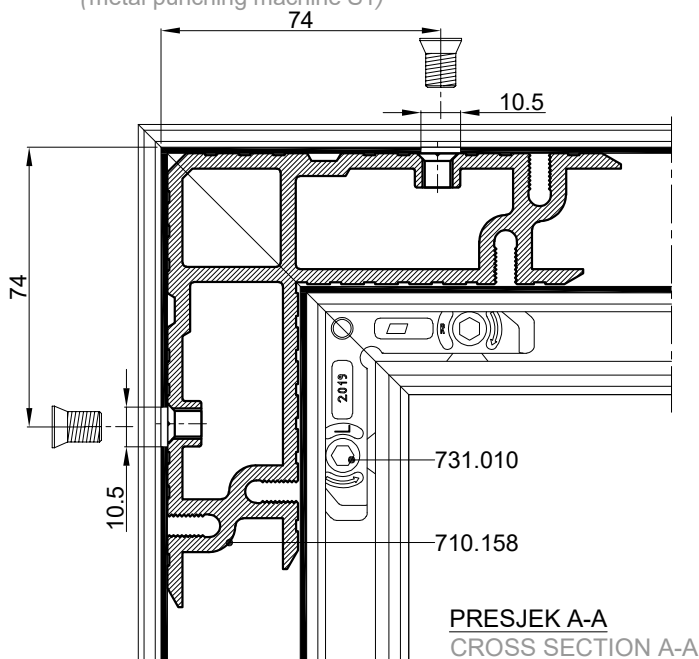
CONNECTION OF PROFILES FT-0520F WITH CORNER BRACKETS; 710.158 and 710.157



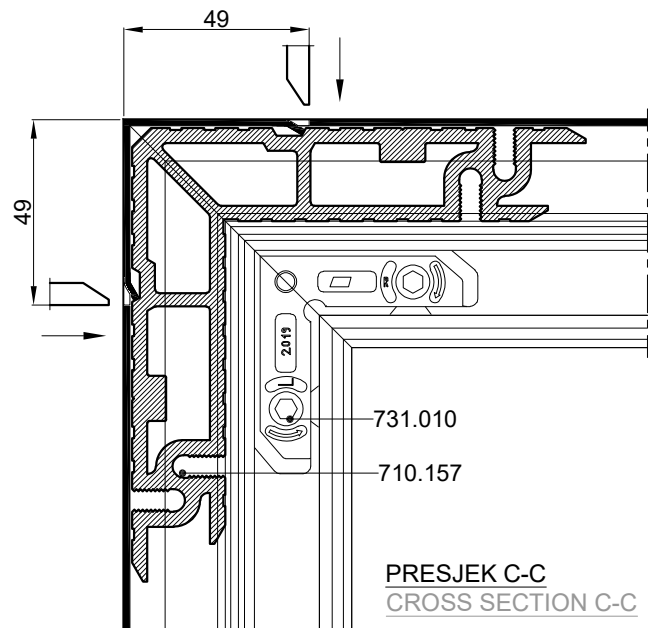
PRESJEK B-B
CROSS-SECTION B-B

Spajanje kutnikom 710.158
vijcima M8x13 -tip Feal-(štanca S1)
Corner bracket connection 710.158
screws M8x13 -type Feal-
(metal punching machine S1)

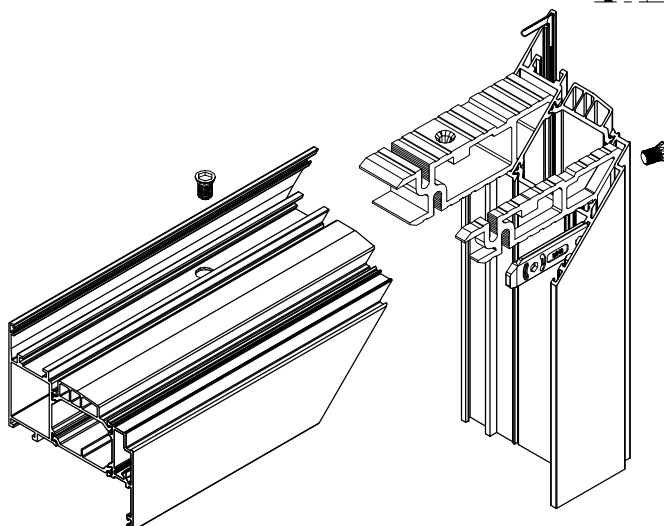
Spajanje kutnikom 710.157 uprešavanjem stijenke
profila u kutnu spojnicu
Corn. brac. connection 710.157 aluminium profile
corner crimping



PRESJEK A-A
CROSS SECTION A-A

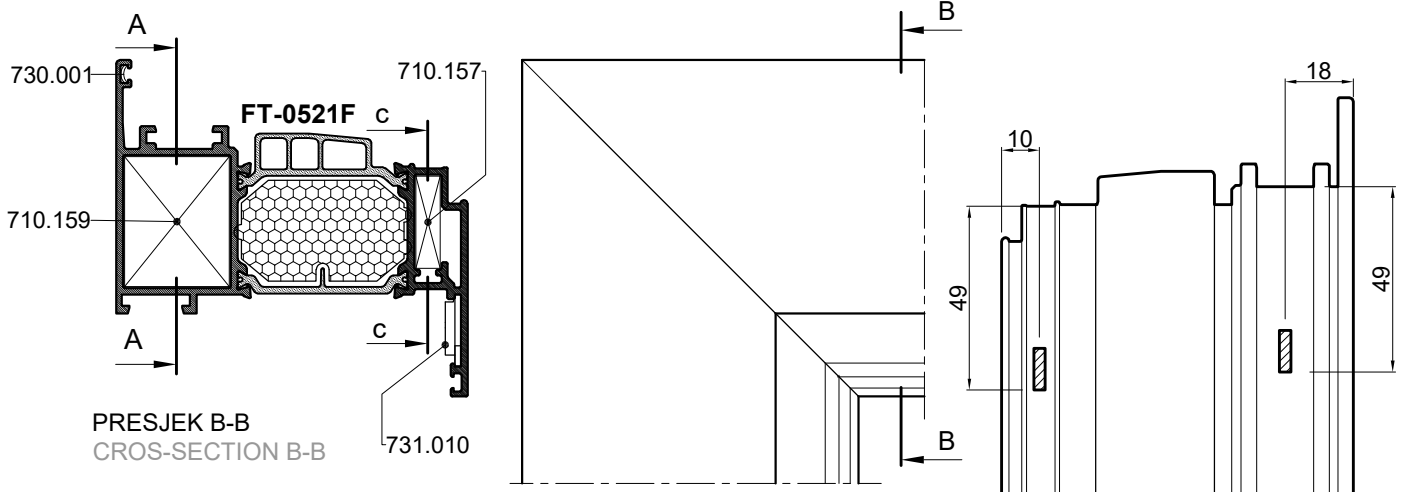


PRESJEK C-C
CROSS SECTION C-C

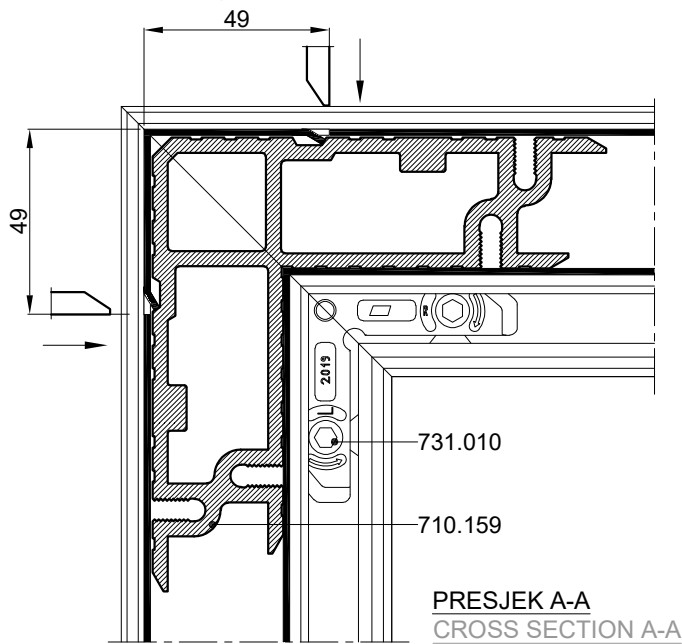


SPAJANJE PROFILA FT-0520F KUTNICIMA; 710.159 i 710.157

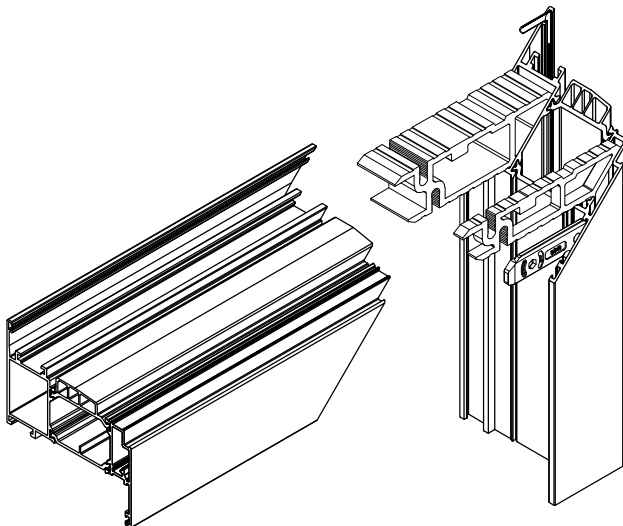
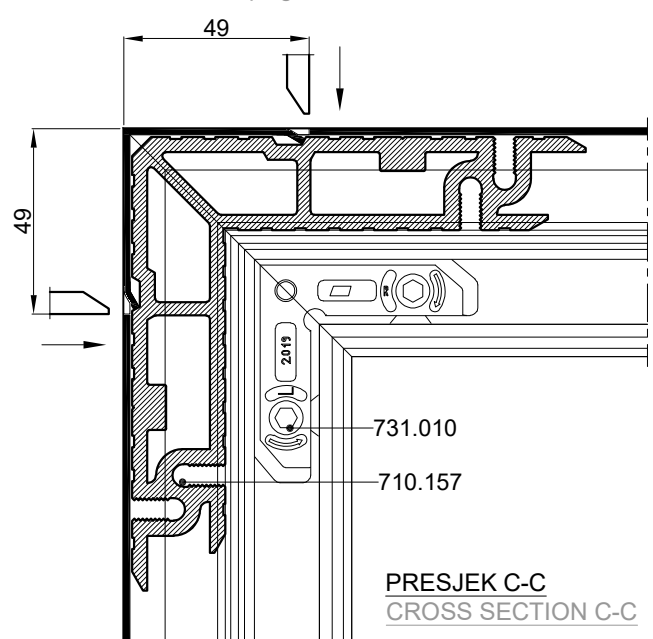
CONNECTION OF PROFILES FT-0520F WITH CORNER BRACKETS; 710.159 and 710.157



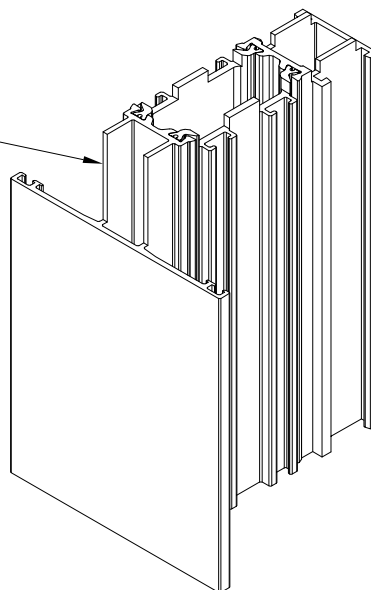
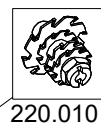
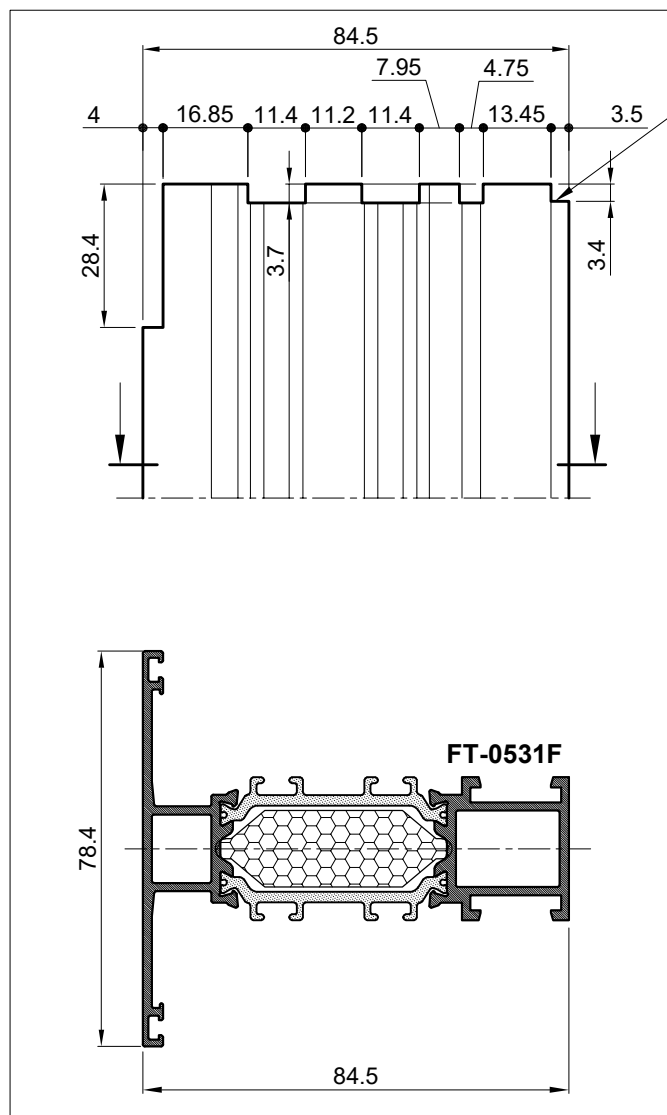
Spajanje kutnikom 710.159 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 710.159 aluminium profile corner crimping



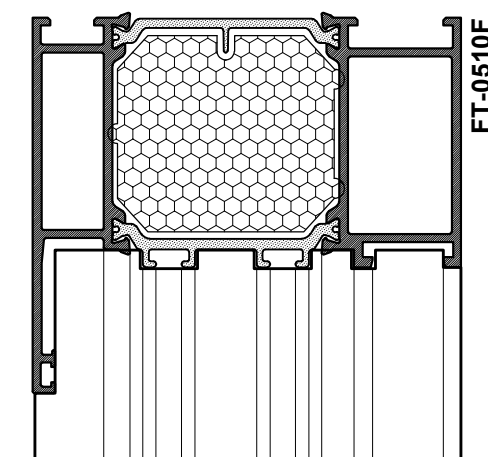
Spajanje kutnikom 710.157 uprešavanjem stijenke profila u kutnu spojnicu
Corn. brac. connection 710.157 aluminium profile corner crimping



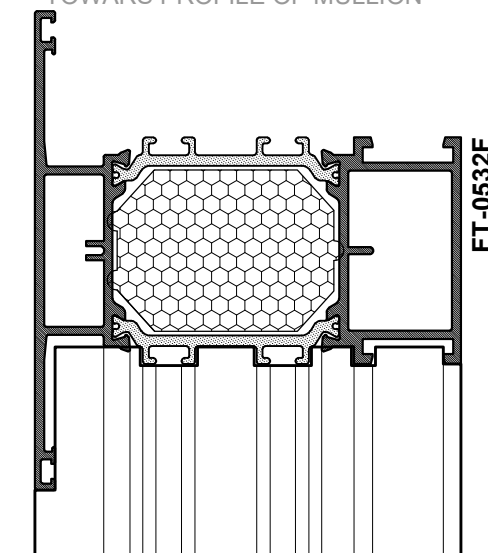
OBRADA PROFILA PREČKE FT-531F i FT-0532F PREMA PROFILU RAMA I PREČKE PROCESSING OF CROSSBAR PROFILE FT-0531F AND FT-0532F TOWARDS PROFILE OF FRAME AND CROSSBAR.



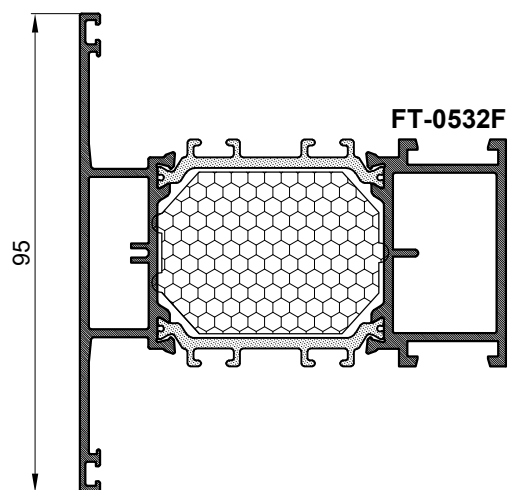
PREMA PROFILU RAMA TOWARDS PROFILE OF FRAME



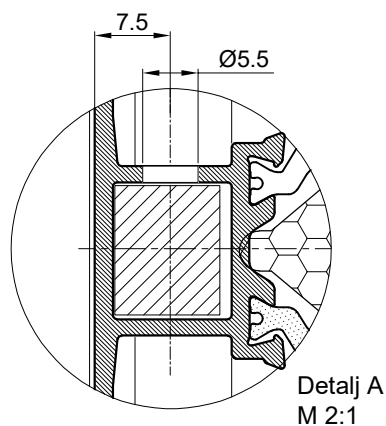
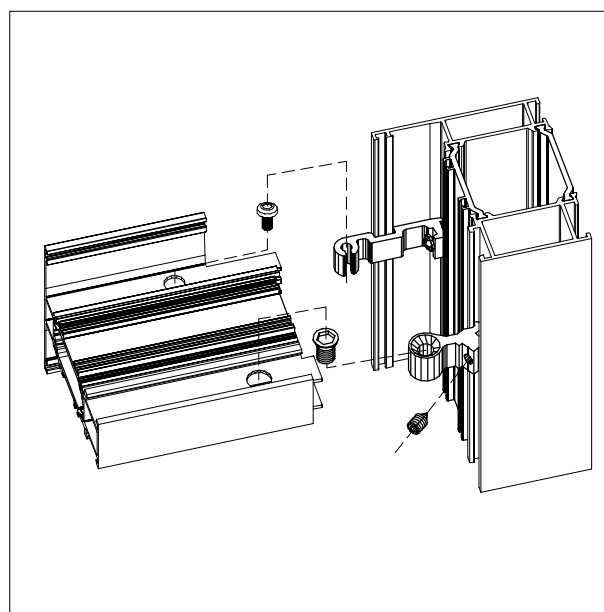
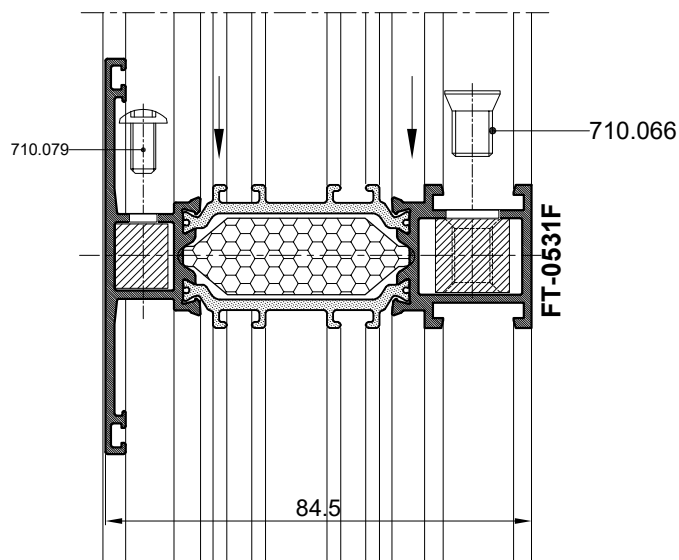
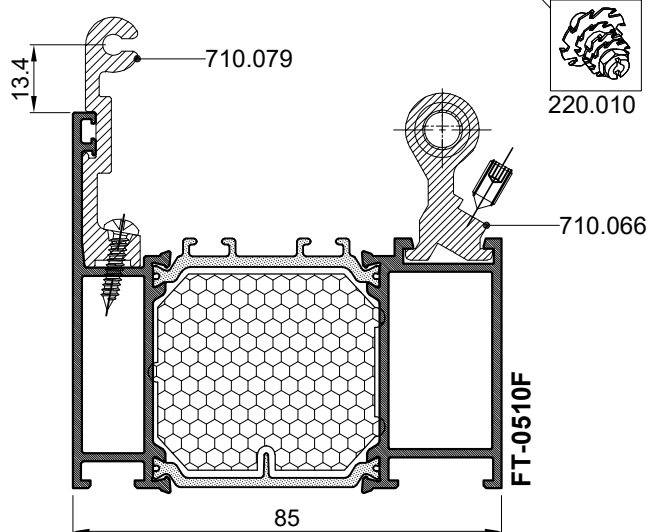
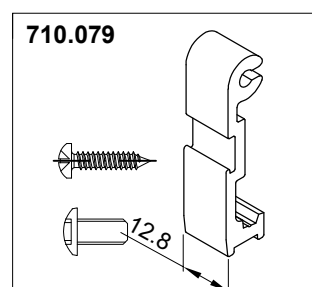
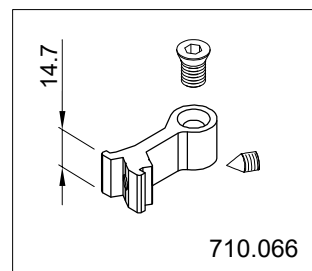
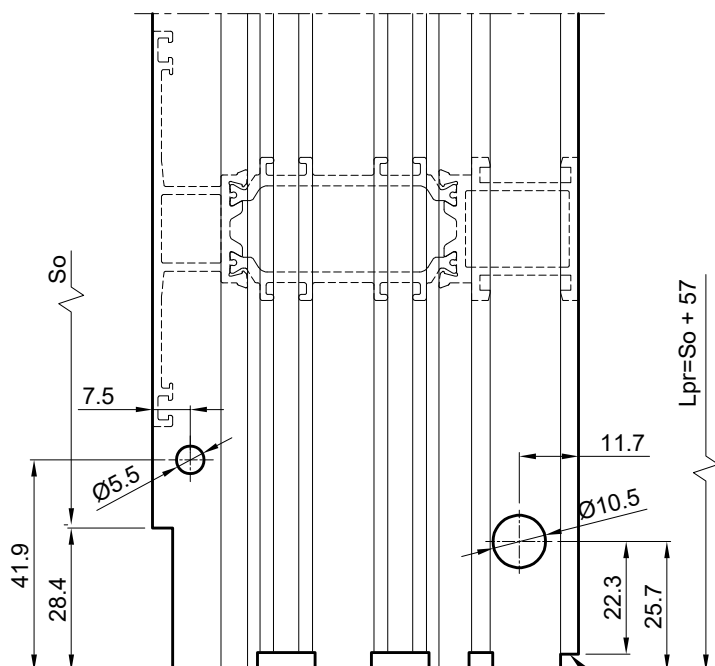
PREMA PROFILU PREČKE TOWARDS PROFILE OF MULLION



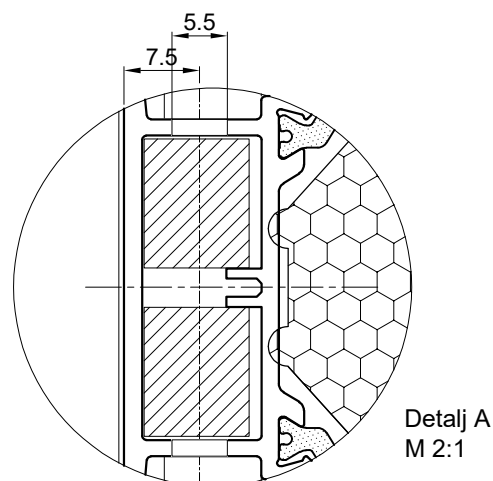
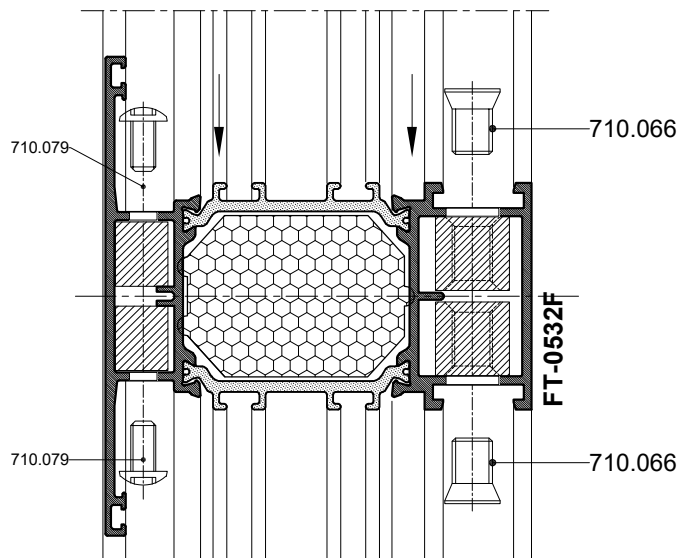
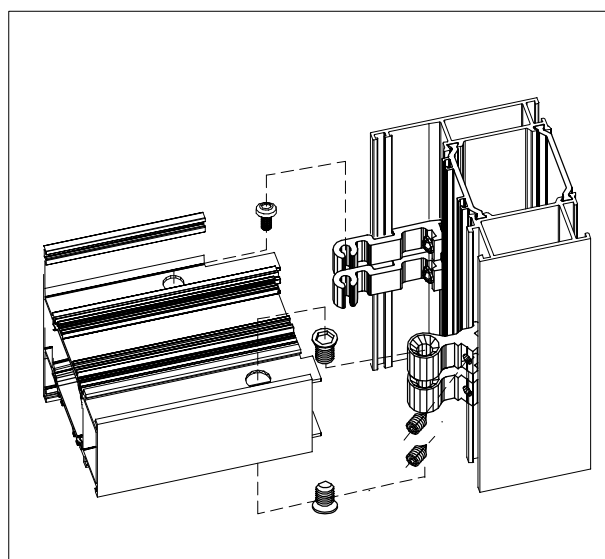
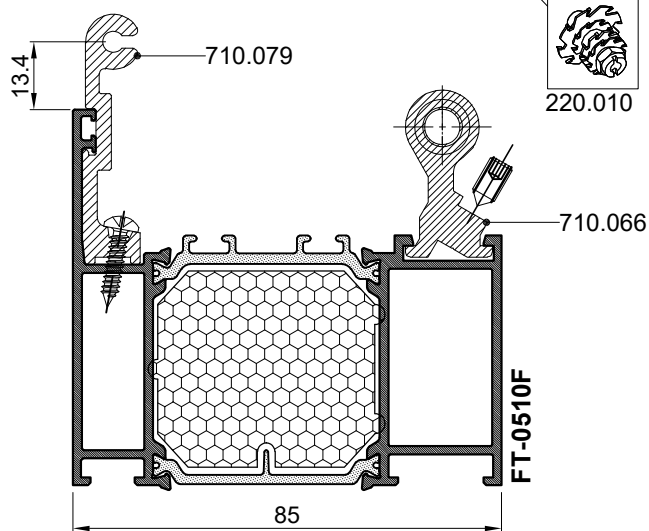
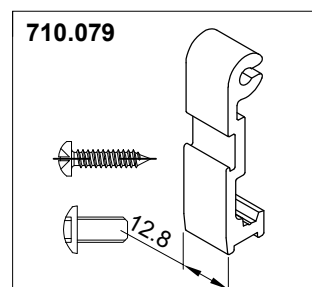
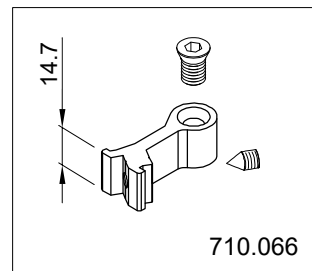
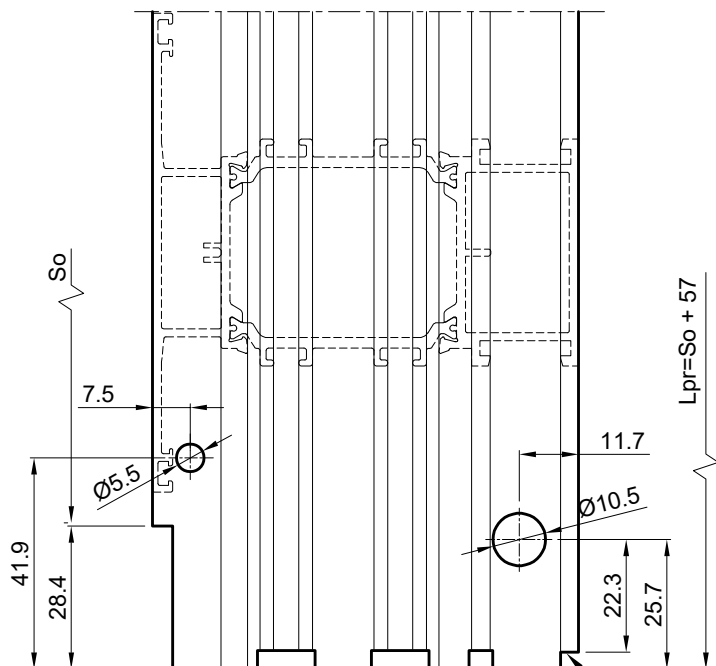
OBRADA PROFILA JE ISTA I ZA PROFIL:
PROFILE PROCESSING IS THE SAME FOR PROFILE:



SPAJANJE PROFILA PREČKE FT-0531F SA PROFILOM RAMA FT-0510F VEZNICIMA CONNECTING THE CROSSBAR PROFILE FT-0531F WITH FRAME PROFILE FT-0510F CONNECTING ELEMENT -(T BRACKET)

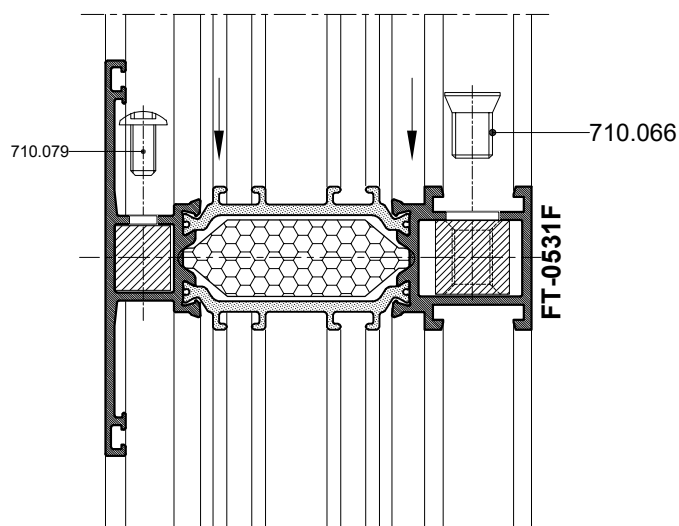
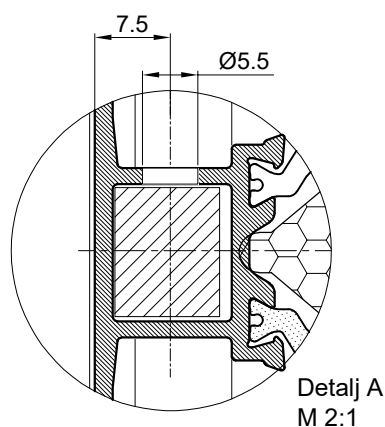
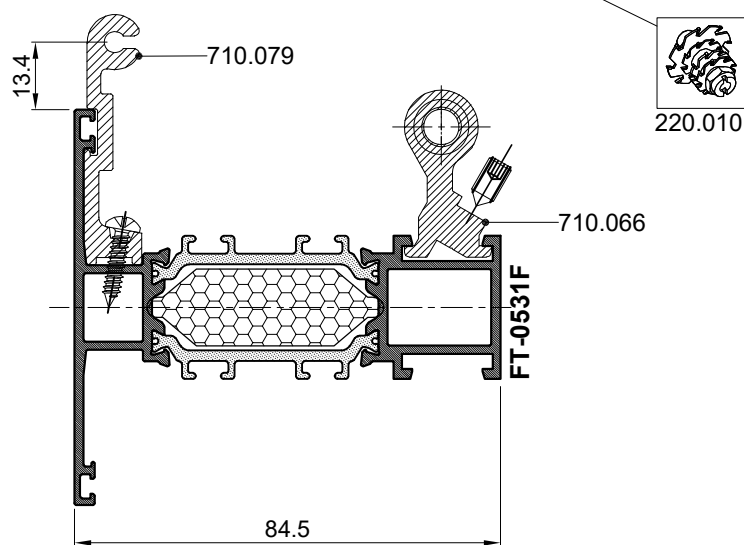
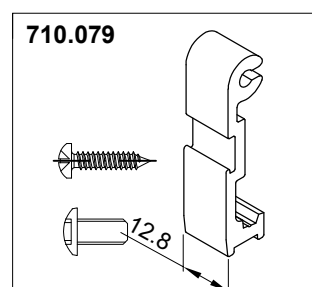
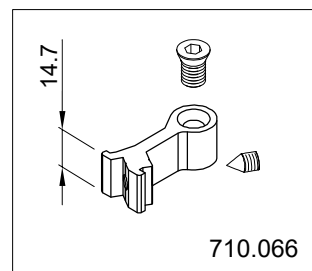
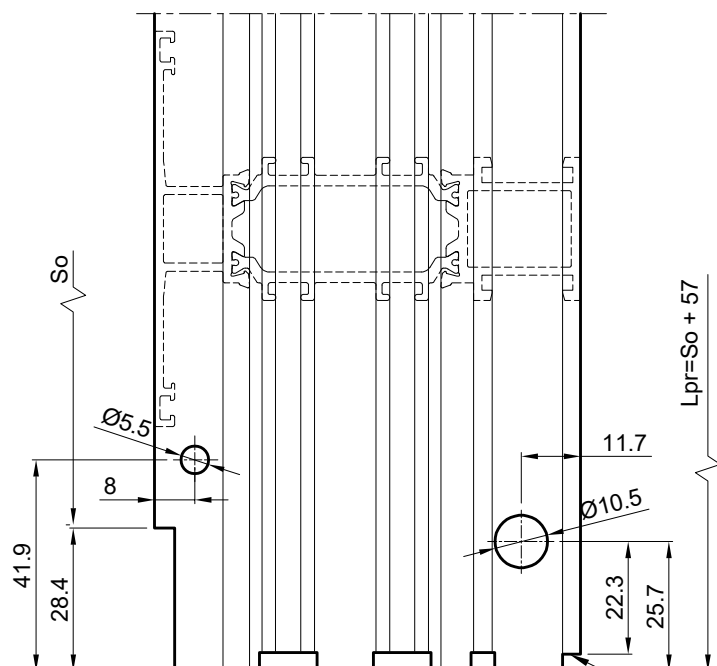


SPAJANJE PROFILA PREČKE FT-0532F SA PROFILOM RAMA FT-0510F VEZNICIMA CONNECTING THE CROSSBAR PROFILE FT-0532F WITH FRAME PROFILE FT-0510F CONNECTING ELEMENT -(T BRACKET)

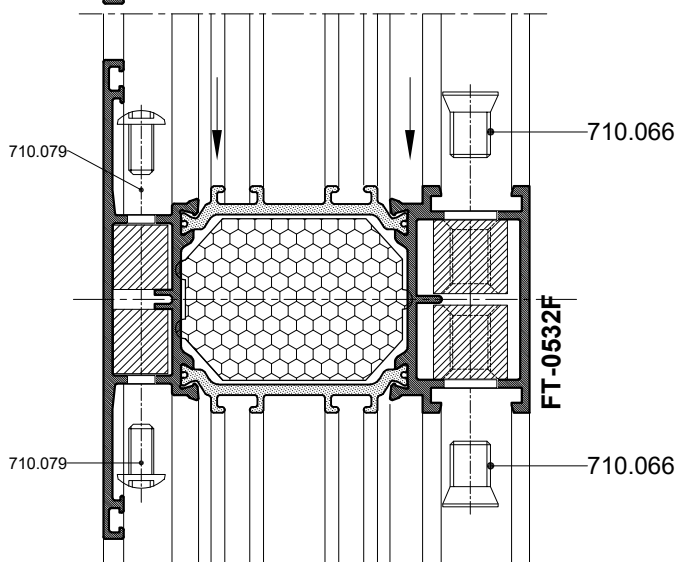
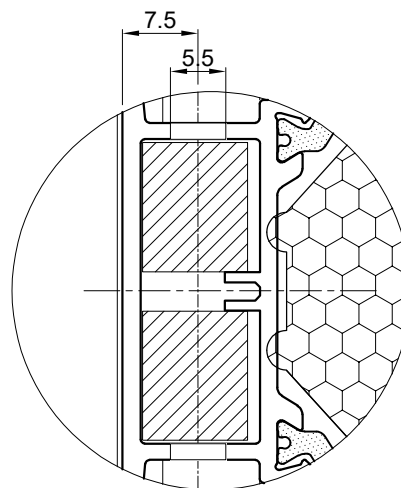
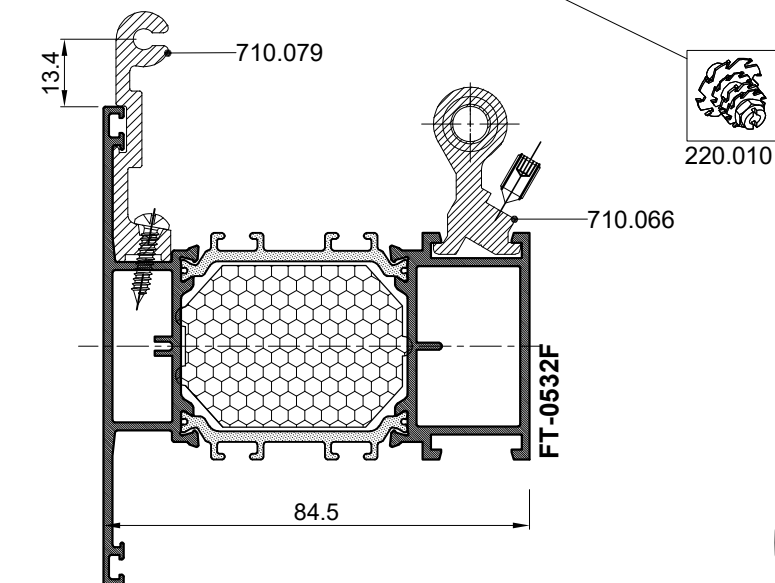
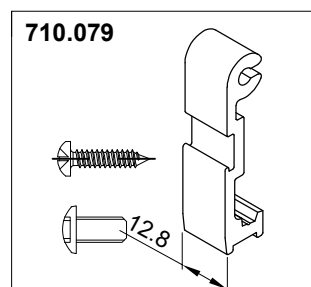
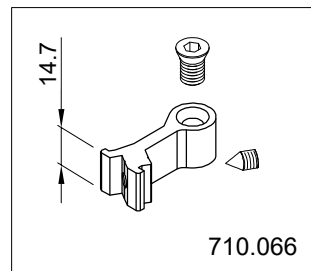
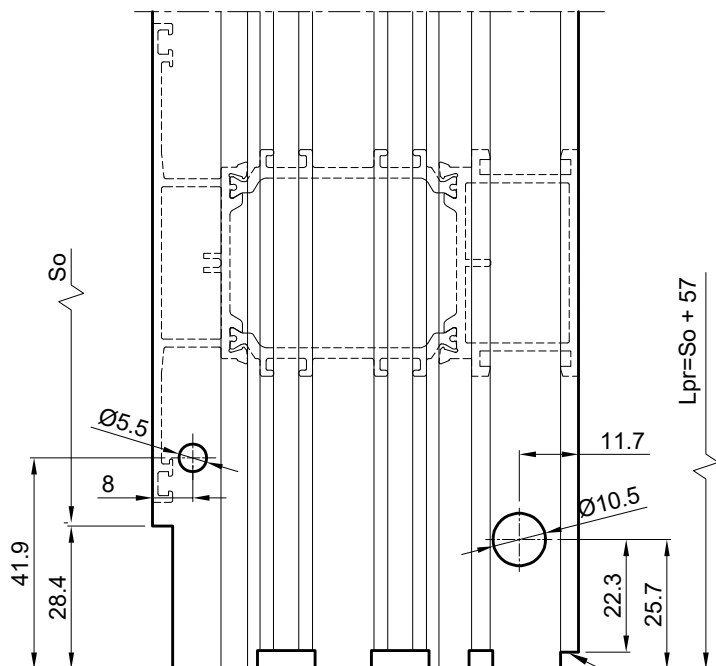


Detalj A
M 2:1

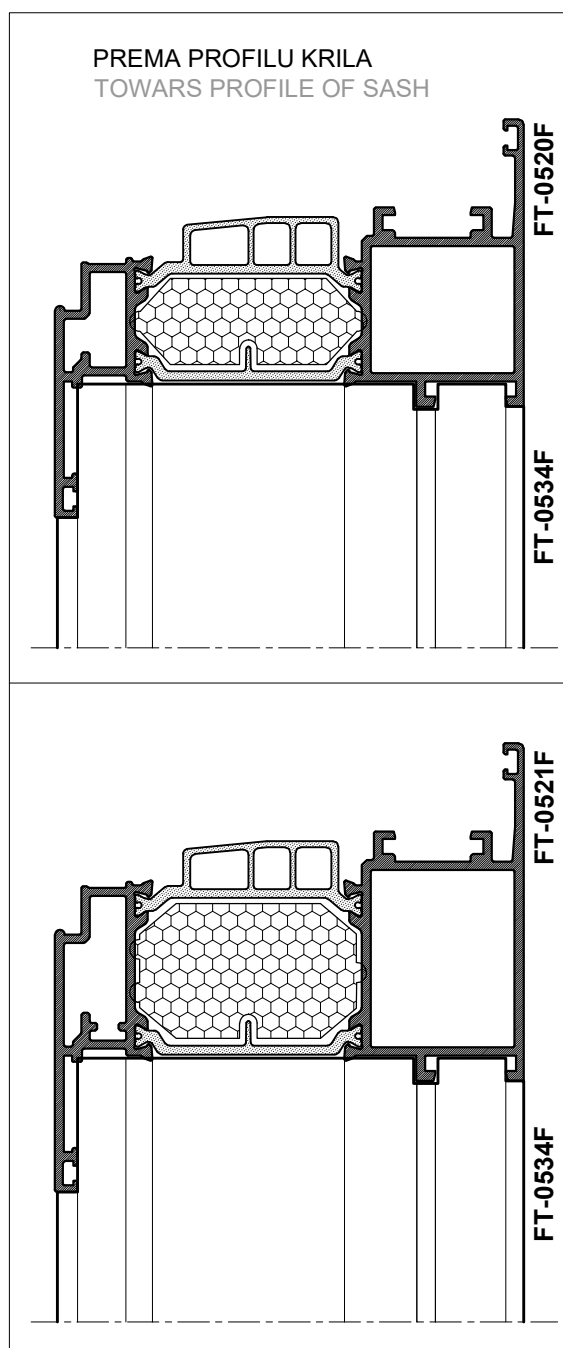
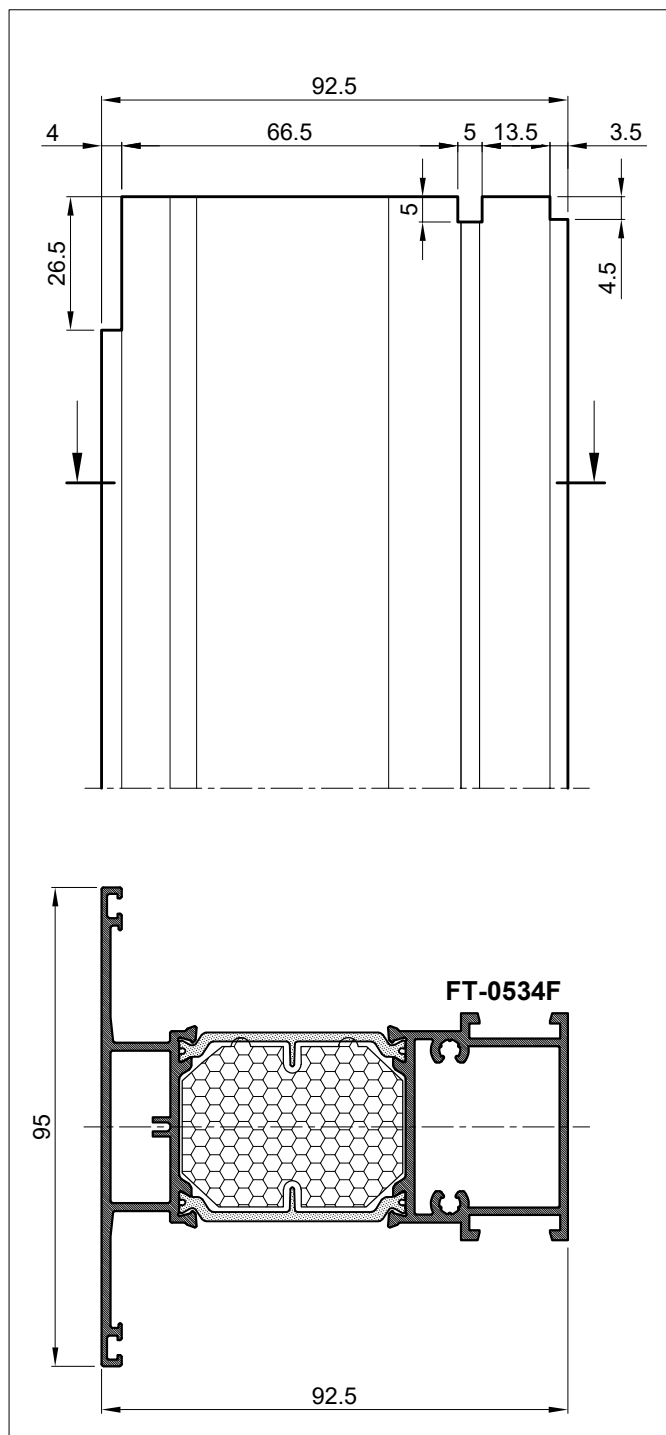
SPAJANJE PROFILA PREČKE FT-0531F SA PROFILOM PREČKE FT-0531F VEZNICIMA CONNECTING THE CROSSBAR PROFILE FT-0531F WITH CROSSBAR PROFILE FT-0531F CONNECTING ELEMENT -(T BRACKET)



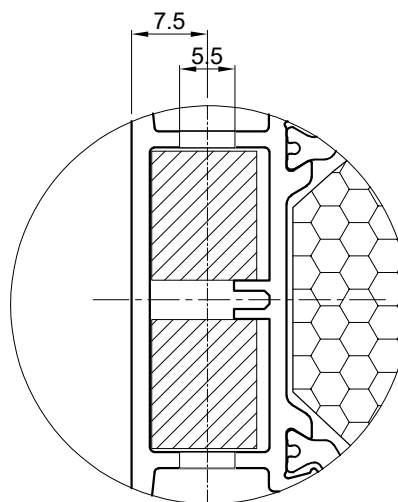
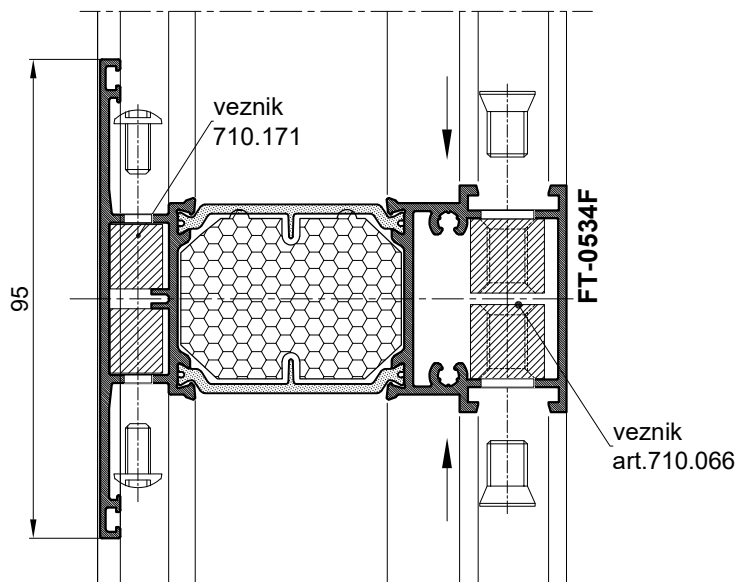
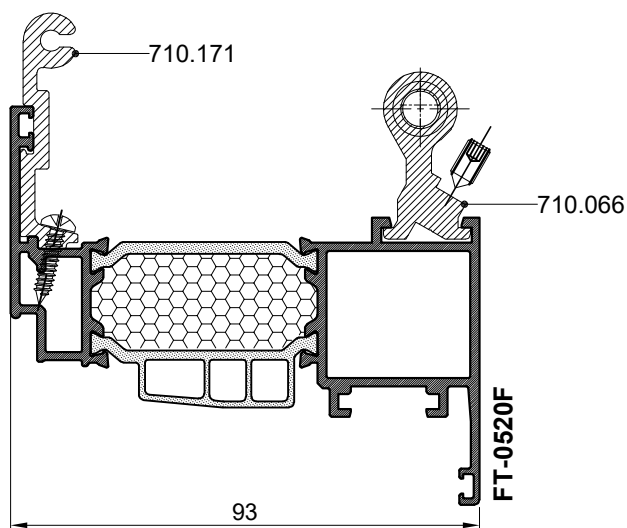
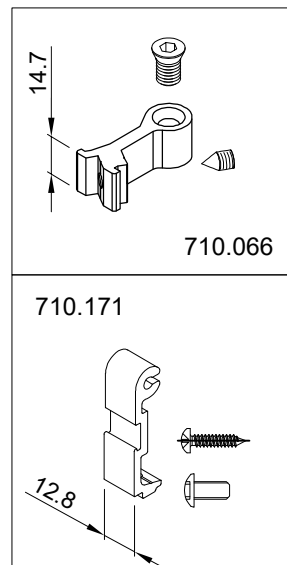
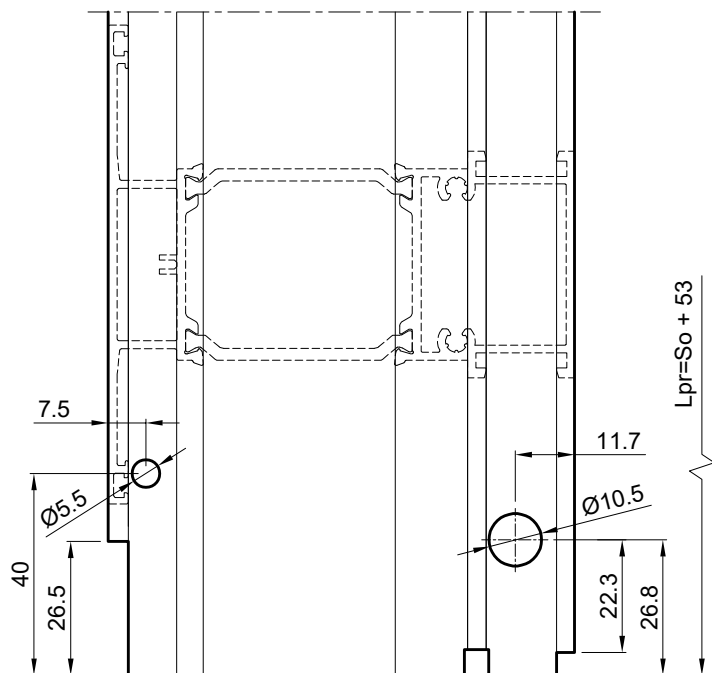
SPAJANJE PROFILA PREČKE FT-0532F SA PROFILOM PREČKE FT-0532F VEZNICIMA CONNECTING THE CROSSBAR PROFILE FT-0532F WITH CROSSBAR PROFILE FT-0532F CONNECTING ELEMENT -(T BRACKET)



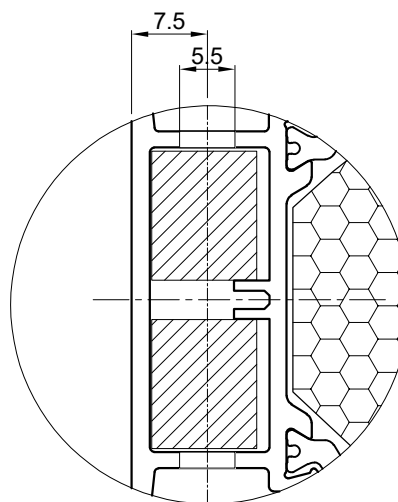
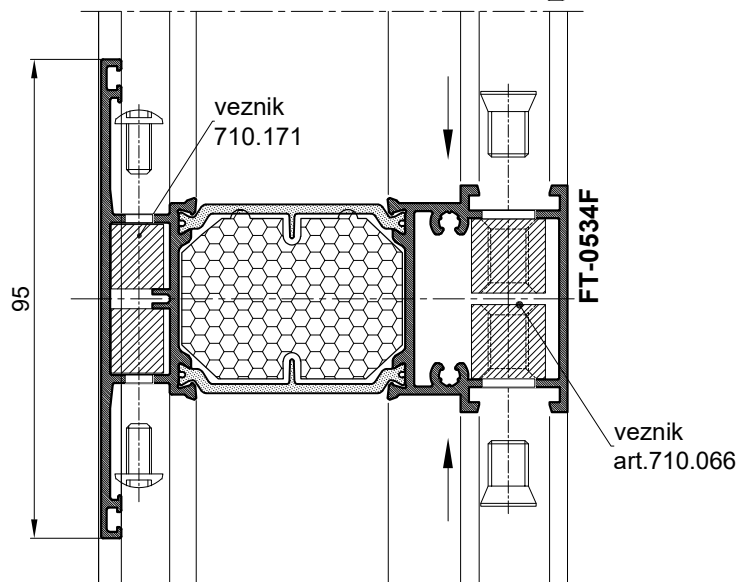
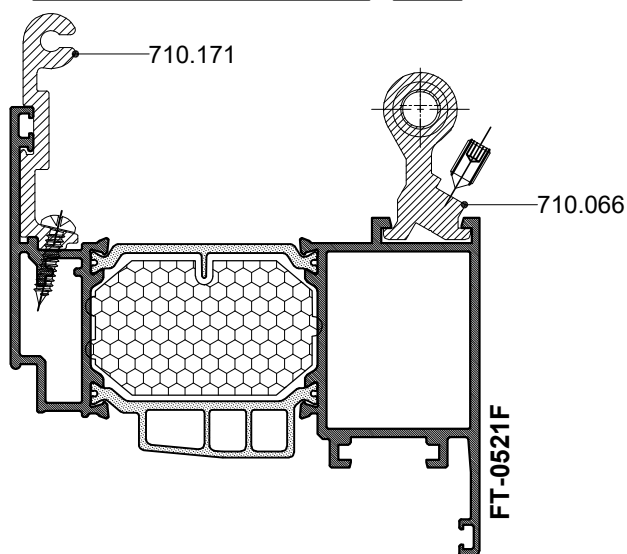
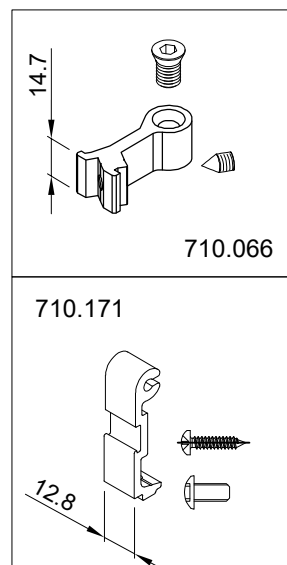
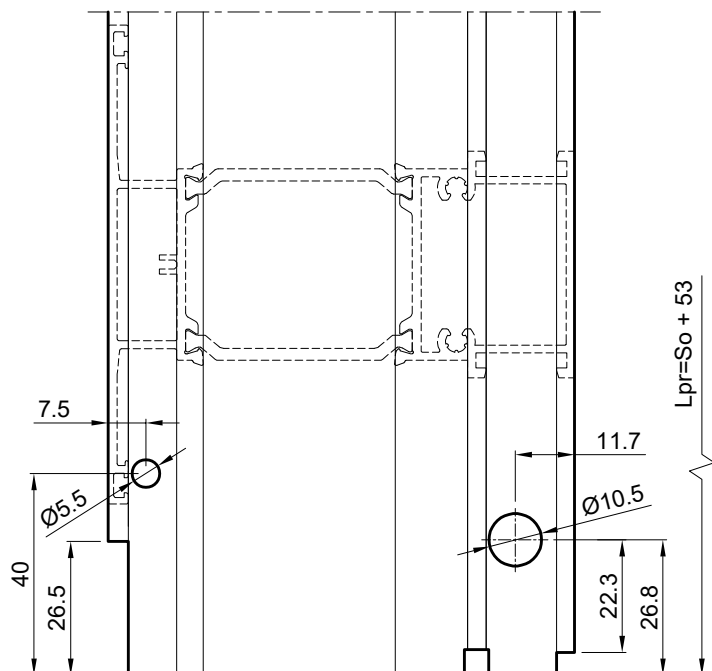
OBRADA PROFILA PREČKE FT-534F PREMA PROFILU KRILA
PROCESSING OF CROSSBAR PROFILE FT-0534F TOWARDS PROFILE OF SASH.



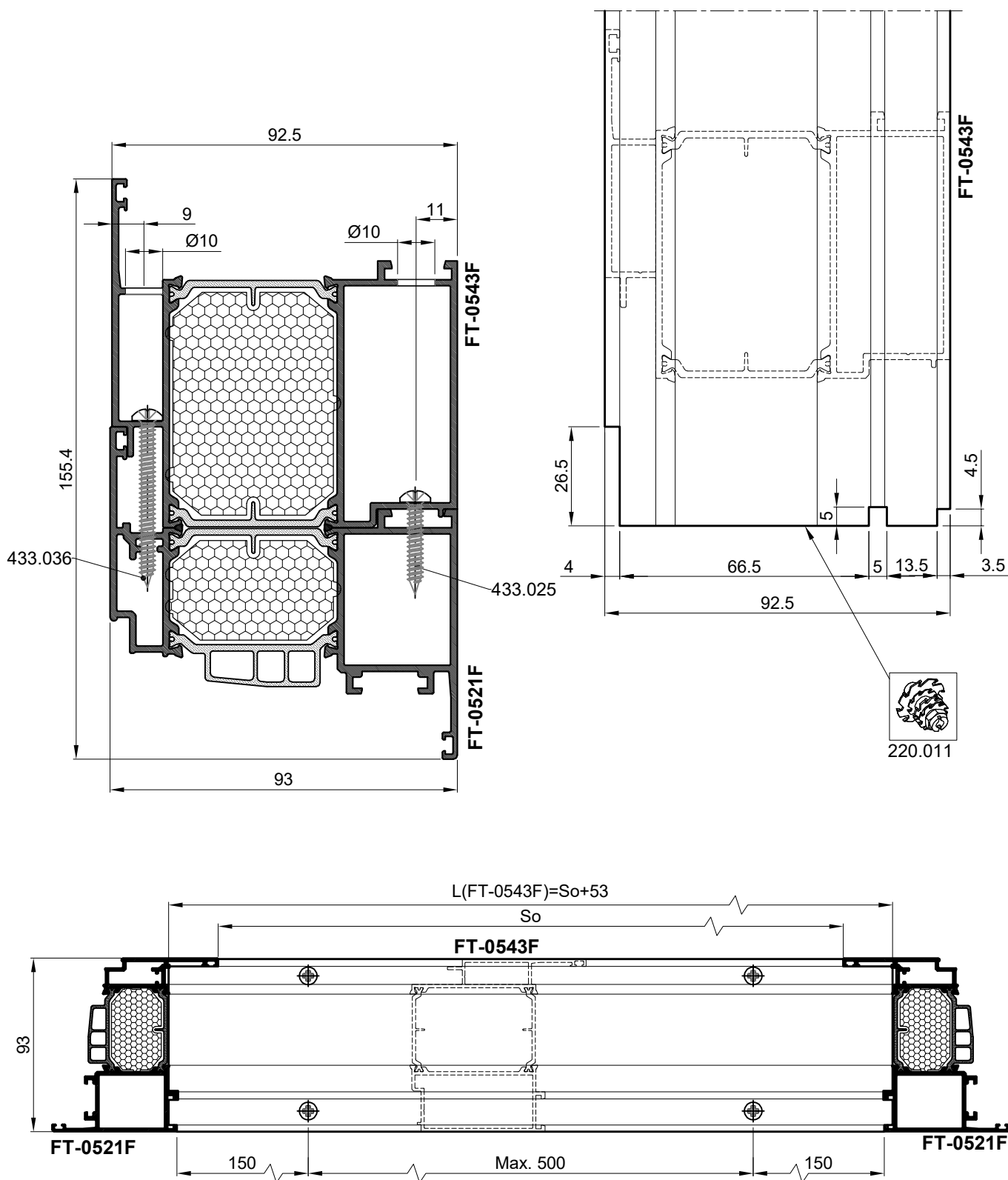
SPAJANJE PROFILA PREČKE FT-0534F SA PROFILOM KRILA FT-0520F VEZNICIMA CONNECTING THE CROSSBAR PROFILE FT-0531F WITH SASH PROFILE FT-0520F CONNECTING ELEMENT -(T BRACKET)



SPAJANJE PROFILA PREČKE FT-0534F SA PROFILOM KRILA FT-0521F VEZNICIMA CONNECTING THE CROSSBAR PROFILE FT-0531F WITH SASH PROFILE FT-0521F CONNECTING ELEMENT -(T BRACKET)

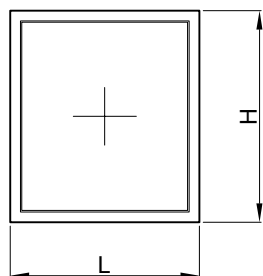


SPAJANJE PARAPETNOG PROFILA **FT-0543F** SA PROFILOM KRILA **FT-0521F** (FT-0522F) VIJCIMA
CONNECTING PARAPET PROFILE **FT-0543F** WITH SASH PROFILE **FT-0521F** (FT-0522) WITH SCREW



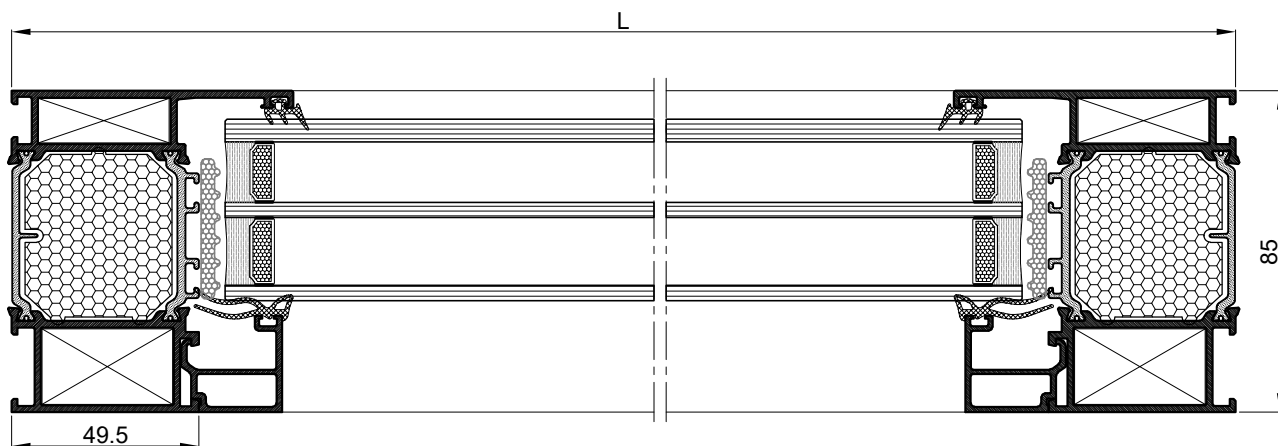
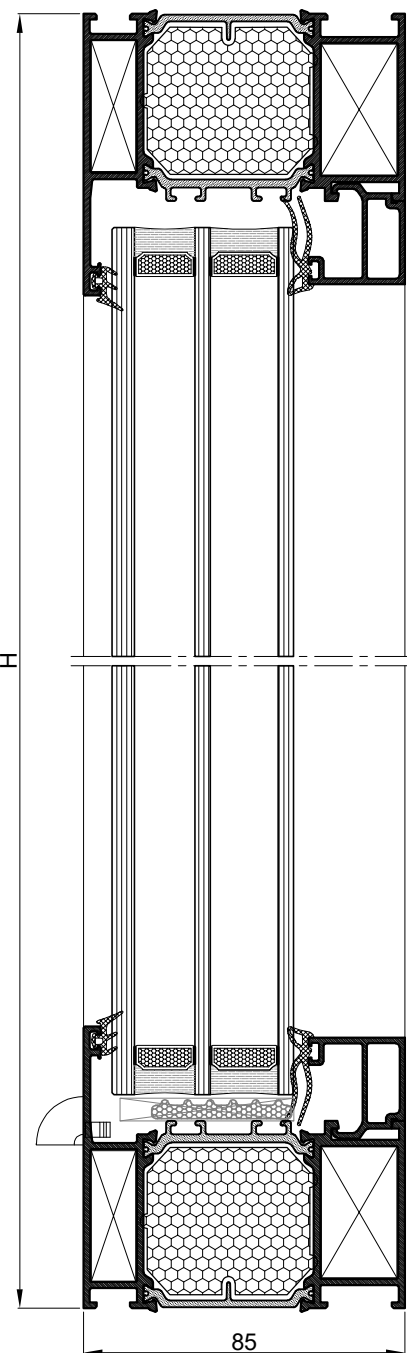
Rezne liste

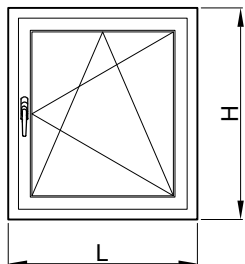
Cutting lists



Rezna lista Cutting list
Ram Frame : FT-0510F

Profili Profiles	Opis Description		Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama	hor.frame	2	L	45-45
FT-0510F	okomica rama	ver.frame	2	H	45-45
Z40-667	staklolajsna vodoravna	hor.glazing bead	2	L-99	90-90
Z40-667	staklolajsna okomita	ver.glazing bead	2	H-143	90-90
Okovi Hardware					
710.090	kutna spojnica rama	frame corner bracket	4		
710.118	kutna spojnica rama	frame corner bracket	4		
730.001	kutna spojnica rama	frame corner bracket	4		
370.070	maska za drenažni otvor	drainage slot mask	2		
Brtve Gaskets					
321.002	brtva prema staklu	glazing gasket	2L+2H		
311.003	brtva prema staklu	glazing gasket	2L+2H		
340.450	Izolacijski umetak	insulation	2L+2H		
Staklo Glass					
48 mm (6+16+4+18+4)			1	L-113 x - H-113	



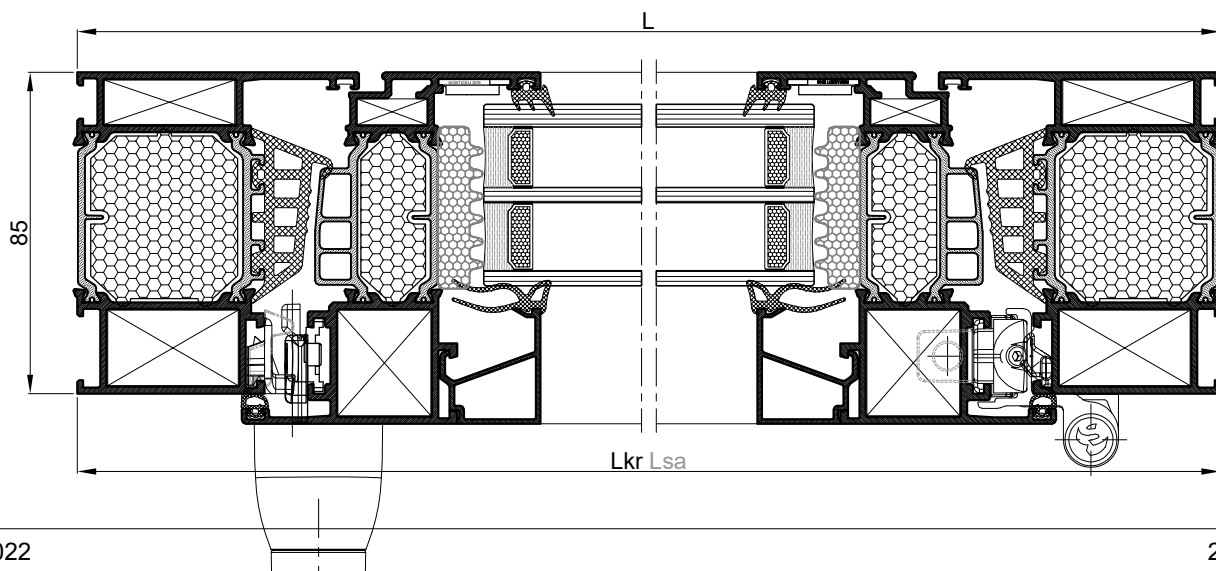
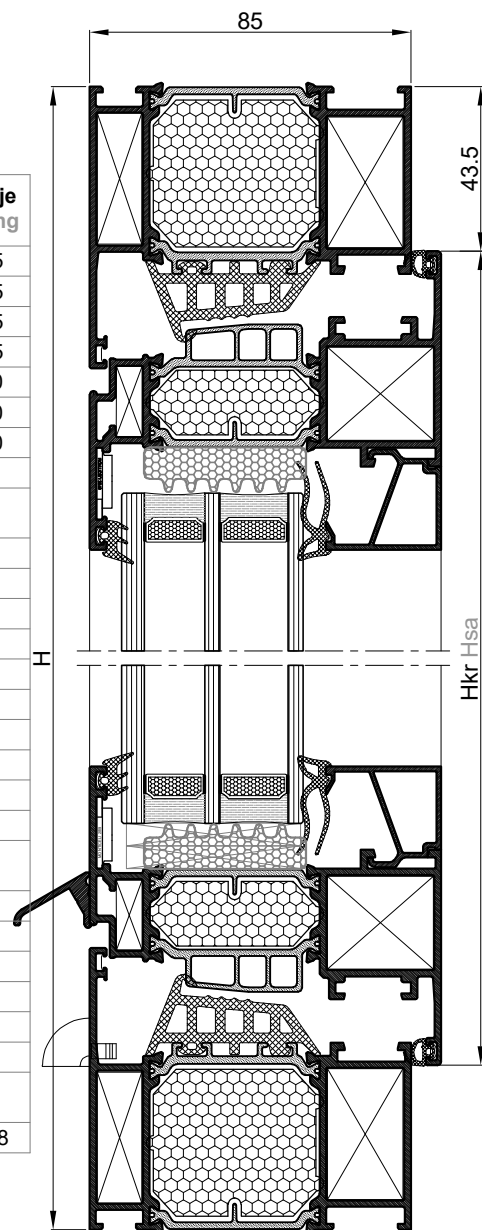


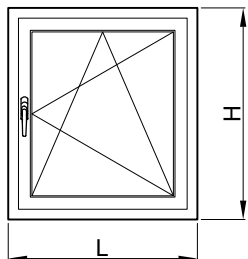
Rezna lista Cutting list

Ram Frame : FT-0510F

Krilo Sash: FT-0520F

Profili Profiles	Opis Description		Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama	hor.frame	2	L	45-45
FT-0510F	okomica rama	ver.frame	2	H	45-45
FT-0520F	vodoravnica krila	hor.sash	2	Lkr=L-87	45-45
FT-0520F	okomica krila	hor.sash	2	Hkr=H-87	45-45
Z40-668	staklolajsna vodoravna	hor.glazing bead	2	Lkr-114	90-90
Z40-668	staklolajsna okomita	ver.glazing bead	2	Hkr-158	90-90
Z40-657	okapnica	drip cap	1	Lkr-78	90-90
NC-1459	profil klizača	slide profile			
Okovi Hardware					
710.090	kutna spojnica rama	frame corner bracket	4		
710.118	kutna spojnica rama	frame corner bracket	4		
730.002	kutna spojnica rama	frame corner bracket	4		
710.128	kutna spojnica krila	sash corner bracket	4		
710.129	kutna spojnica krila	sash corner bracket	4		
731.010	kutna spojnica krila	sash corner bracket	4		
730.001	kutna spojnica krila	sash corner bracket	4		
373.002	umetak pr. okapnice	end insert for drip cap	1 par		
370.070	maska za drenažni otvor	drainage slot mask	2		
134.026.xx	dry kip 4135.00(Stub.)	dry kip 4135.00(Stublina)	1		
Brtve Gaskets					
337.004	srednja brtva	central gasket		2L+2H	
321.006	brtva krila	sash gasket		2L+2H	
321.003	brtva prema staklu	glazing gasket		2L+2H	
311.004	brtva prema staklu	glazing gasket		2L+2H	
340.013	izolacijski umetak	insulation		2L+2H	
363.090	kutni umetak srednje brtve	gasket corner	4		
Staklo Glass					
48 mm (6+16+4+18+4)			1	Lkr-128 x - Hkr-128	



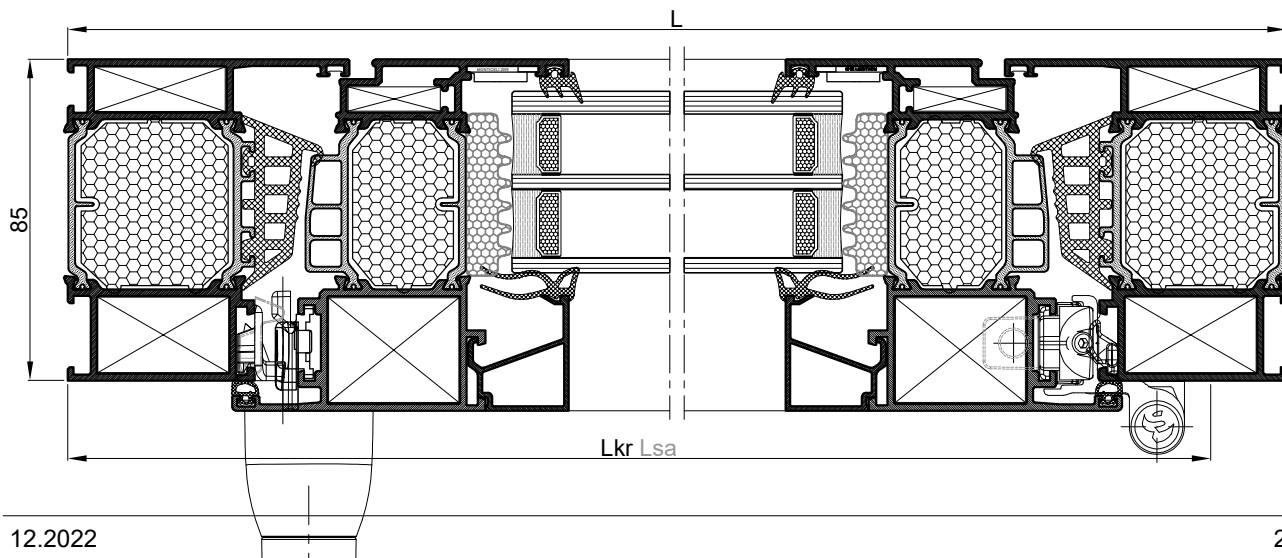
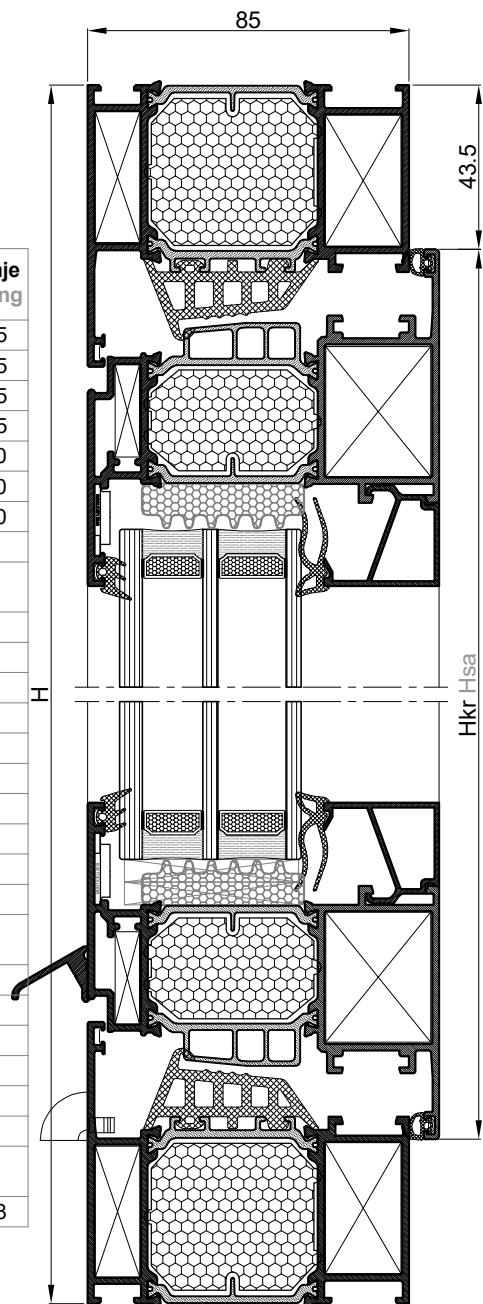


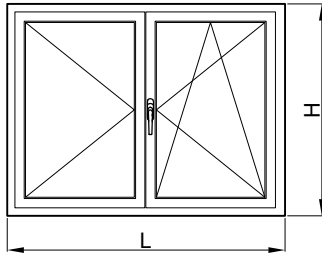
Rezna lista Cutting list

Ram Frame : FT-0510F

Krilo Sash: FT-0521F

Profili Profiles	Opis Description		Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama	hor.frame	2	L	45-45
FT-0510F	okomica rama	ver.frame	2	H	45-45
FT-0521F	vodoravnica krila	hor.sash	2	Lkr=L-87	45-45
FT-0521F	okomica krila	hor.sash	2	Hkr=H-87	45-45
Z40-668	staklolajsna vodoravna	hor.glazing bead	2	Lkr-134	90-90
Z40-668	staklolajsna okomita	ver.glazing bead	2	Hkr-178	90-90
Z40-657	okapnica	drip cap	1	Lkr-78	90-90
NC-1459	profil klizača	slide profile			
Okovi Hardware					
710.090	kutna spojnica rama	frame corner bracket	4		
710.118	kutna spojnica rama	frame corner bracket	4		
730.002	kutna spojnica rama	frame corner bracket	4		
710.158	kutna spojnica krila	sash corner bracket	4		
710.157	kutna spojnica krila	sash corner bracket	4		
731.010	kutna spojnica krila	sash corner bracket	4		
730.001	kutna spojnica krila	sash corner bracket	4		
373.002	umetak pr. okapnice	end insert for drip cap	1 par		
370.070	maska za drenažni otvor	drainage slot mask	2		
134.026.xx	dry kip 4135.00(Stub.)	dry kip 4135.00(Stublina)	1		
Brtve Gaskets					
337.004	srednja brtva	central gasket		2L+2H	
321.006	brtva krila	sash gasket		2L+2H	
321.003	brtva prema staklu	glazing gasket		2L+2H	
311.004	brtva prema staklu	glazing gasket		2L+2H	
340.013	izolacijski umetak	insulation		2L+2H	
363.090	kutni umetak srednje brtve	gasket corner	4		
Staklo Glass					
48 mm (6+16+4+18+4)			1	Lkr-148 x - Hkr-148	

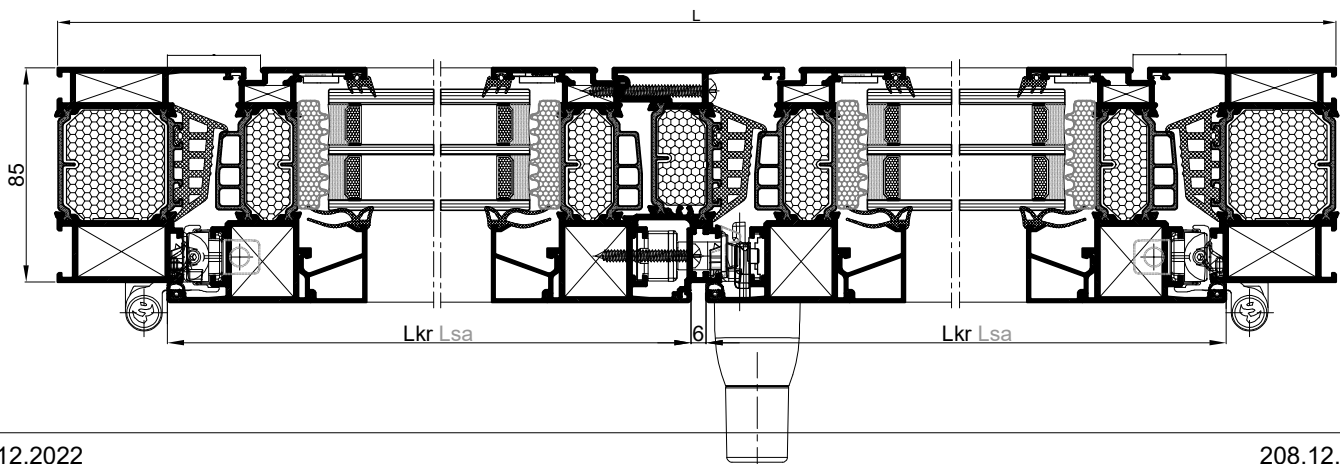
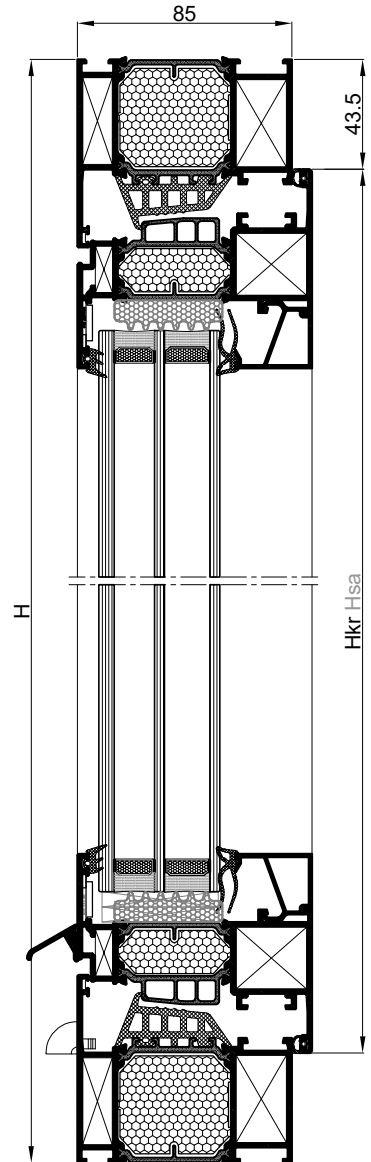


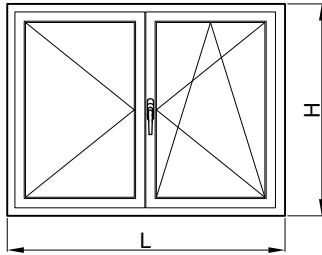


Rezna lista Cutting list

Ram Frame : FT-0510F
 Krilo Sash: FT-0520F
 Kombatuta Flying mullion: FT-0530F

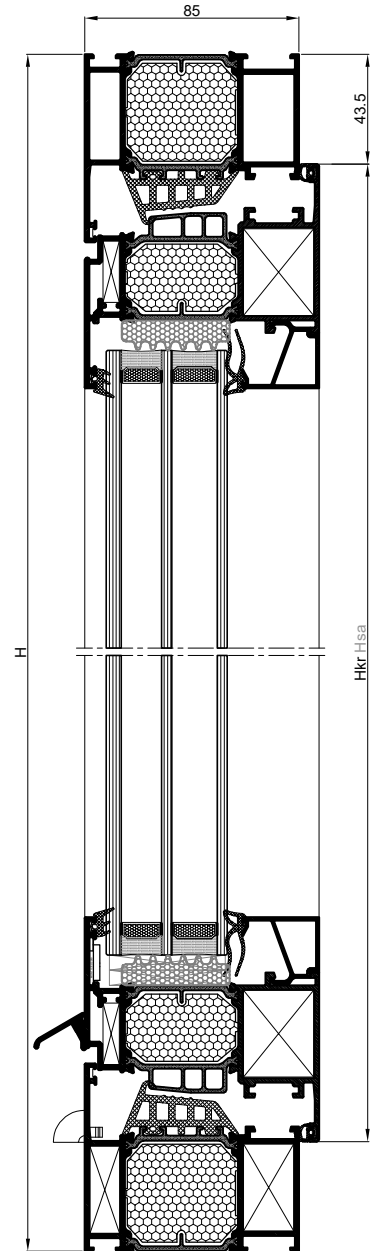
Profili Profiles	Opis Description		Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama	hor.frame	2	L	45-45
FT-0510F	okomica rama	ver.frame	2	H	45-45
FT-0520F	vodoravnica krila	hor.sash	4	Lkr=(L-93)/2	45-45
FT-0520F	okomica krila	hor.sash	4	Hkr=H-87	45-45
FT-0530F	profil za okretanje	flying mullion	1	Hkr-76	90-90
Z40-668	staklolajsna vodoravna	hor.glazing bead	4	Lkr-114	90-90
Z40-668	staklolajsna okomita	ver.glazing bead	4	Hkr-158	90-90
Z40-657	okapnica 1	drip cap 1	1	Lkr-78	90-90
Z40-657	okapnica 2	drip cap 2	1	Lkr-4	90-90
NC-1459	profil klizača	slide profile			
Okovi Hardware					
710.090	kutna spojnica rama	frame corner bracket	4		
710.118	kutna spojnica rama	frame corner bracket	4		
730.002	kutna spojnica rama	frame corner bracket	4		
710.128	kutna spojnica krila	sash corner bracket	8		
710.129	kutna spojnica krila	sash corner bracket	8		
731.010	kutna spojnica krila	sash corner bracket	8		
730.001	kutna spojnica krila	sash corner bracket	8		
373.002	umetak pr. okapnice	end insert for drip cap	2par		
370.070	maska za drenažni otvor	drainage slot mask	4		
134.026.xx	dry kip 4135.00(Stub.)dry kip 4135.00(Stublina)		1		
134.017	ključanje pomoćnog krila-Stublina (art.4005.00)	auxiliary sash locking -Stublina (art.4005.00)	1		
111.001.xx	dvodijelna šarka	two-part hinge	2		
134.023	pasivno ključanje -Stublina (art.4045.00) passive locking -Stublina (art.4045.00)		3		
365.047	čep profila za okret.end insert for flying mullion profile		par		
Brtve Gaskets					
337.004	srednja brtva	central gasket		2L+3H	
321.006	brtva krila	sash gasket		2L+3H	
321.003	brtva prema staklu	glazing gasket		2L+4H	
311.004	brtva prema staklu	glazing gasket		2L+4H	
340.013	izolacijski umetak	insulation		2L+4H	
363.090	kutni umetak srednje brtve	gasket corner	4		
Staklo Glass					
48 mm (6+16+4+18+4)			2	Lkr-128 x Hkr-128	



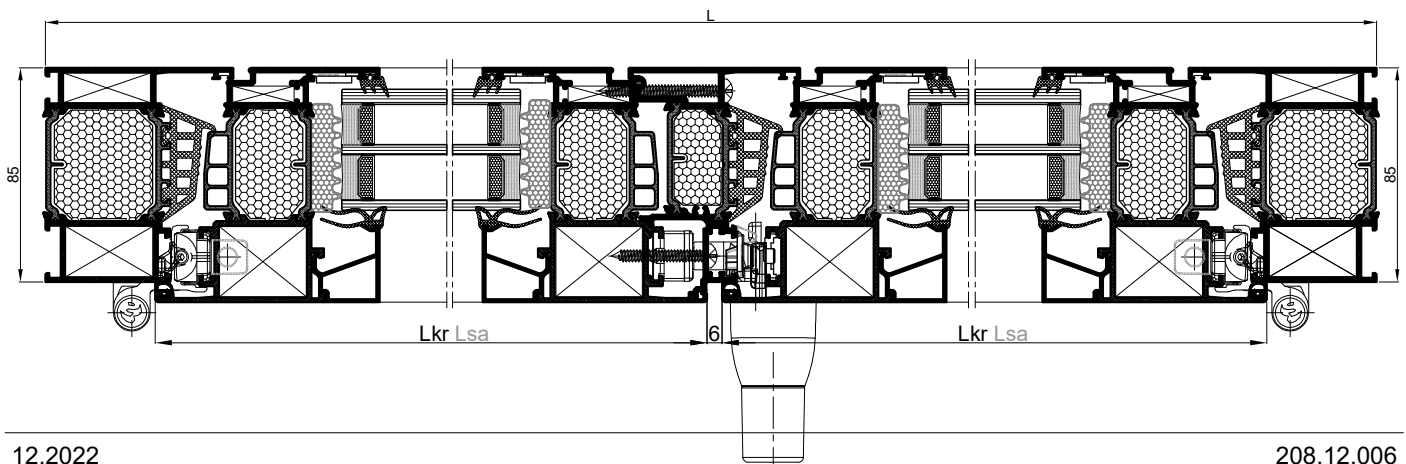


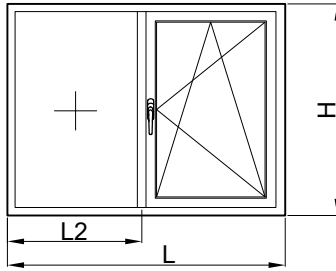
Rezna lista Cutting list

Ram Frame : FT-0510F
 Krilo Sash: FT-0521F
 Kombatuta Flying mullion: FT-0530F



Profili Profiles	Opis Description		Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama	hor.frame	2	L	45-45
FT-0510F	okomica rama	ver.frame	2	H	45-45
FT-0521F	vodoravnica krila	hor.sash	4	Lkr=(L-93)/2	45-45
FT-0521F	okomica krila	hor.sash	4	Hkr=H-87	45-45
FT-0530F	profil za okretanje	flaying mullion	1	Hkr-76	90-90
Z40-668	staklolajsna vodoravna	hor.glazing bead	4	Lkr-134	90-90
Z40-668	staklolajsna okomita	ver.glazing bead	4	Hkr-178	90-90
Z40-657	okapnica 1	drip cap 1	1	Lkr-78	90-90
Z40-657	okapnica 2	drip cap 2	1	Lkr-4	90-90
NC-1459	profil klizača	slide profile			
Okovi Hardware					
710.090	kutna spojnica rama	frame corner bracket	4		
710.118	kutna spojnica rama	frame corner bracket	4		
730.002	kutna spojnica rama	frame corner bracket	4		
710.158	kutna spojnica krila	sash corner bracket	8		
710.157	kutna spojnica krila	sash corner bracket	8		
731.010	kutna spojnica krila	sash corner bracket	8		
730.001	kutna spojnica krila	sash corner bracket	8		
373.002	umetak pr. okapnice	end insert for drip cap	2par		
370.070	maska za drenažni otvor	drainage slot mask	4		
134.026.xx	dry kip 4135.00(Stub.)dry kip 4135.00(Stublina)		1		
134.017	ključanje pomoćnog krila-Stublina (art.4005.00)	auxiliary sash locking -Stublina (art.4005.00)	1		
111.001.xx	dvodijelna šarka	two-part hinge	2		
134.023	pasivno ključanje -Stublina (art.4045.00) passive locking -Stublina (art.4045.00)		3		
365.047	čep profila za okret.end insert for flying mullion profile		par		
Brtve Gaskets					
337.004	srednja brtva	central gasket		2L+3H	
321.006	brtva krila	sash gasket		2L+3H	
321.003	brtva prema staklu	glazing gasket		2L+4H	
311.004	brtva prema staklu	glazing gasket		2L+4H	
340.013	izolacijski umetak	insulation		2L+4H	
363.090	kutni umetak srednje brtve	gasket corner	4		
Staklo Glass					
48 mm (6+16+4+18+4)			2	Lkr-148 x Hkr-148	

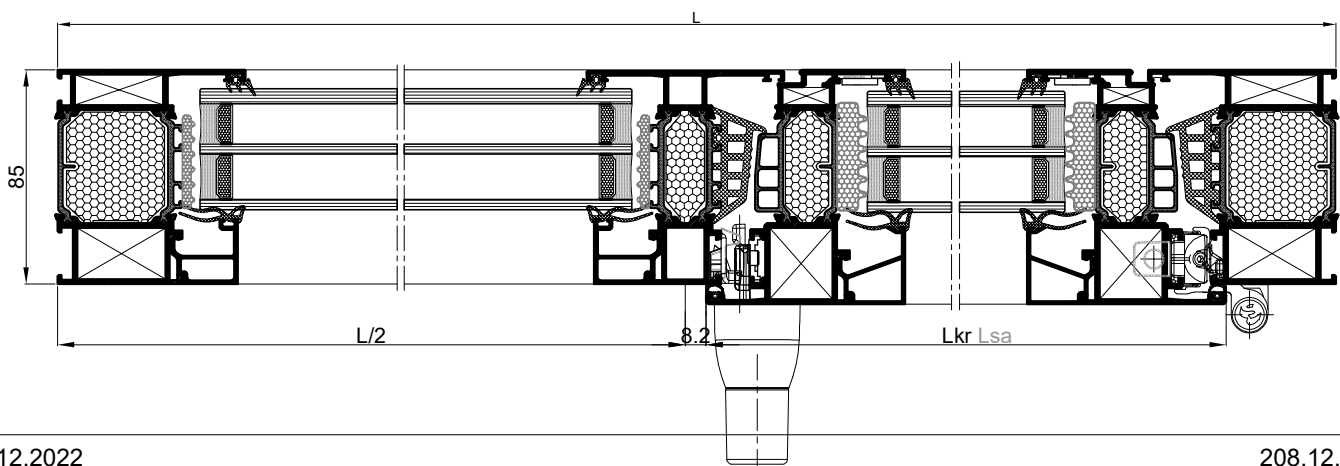
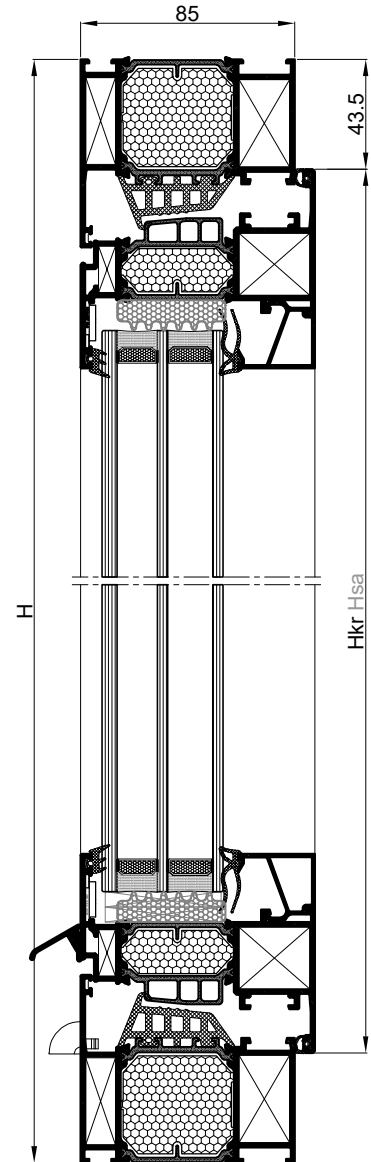


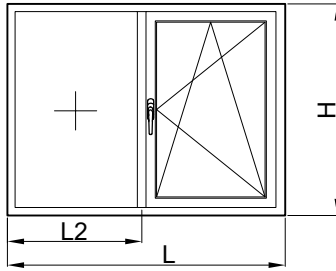


Rezna lista Cutting list

Ram Frame : FT-0510F
 Krilo Sash: FT-0520F
 Prečka Window crossbar: FT-0531F

Profili Profiles	Opis Description		Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama	hor.frame	2	L	45-45
FT-0510F	okomica rama	ver.frame	2	H	45-45
FT-0520F	vodoravnica krila	hor.sash	2	Lkr=L/2-52	45-45
FT-0520F	okomica krila	hor.sash	2	Hkr=H-87	45-45
FT-0531F	prečka	window crossbar	1	H-93	90-90
Z40-668	staklolajsna vodoravna	hor.glazing bead	2	Lkr-114	90-90
Z40-668	staklolajsna okomita	ver.glazing bead	2	Hkr-158	90-90
Z40-667	staklolajsna vod. fiksno	hor.glazing bead fixed	2	L/2-64	90-90
Z40-667	staklolajsna oko. fiksno	ver.glazing bead fixed	2	H-143	90-90
Z40-657	okapnica	drip cap	1	Lkr-78	90-90
NC-1459	profil klizača	slide profile			
Okovi Hardware					
710.090	kutna spojnica rama	frame corner bracket	4		
710.118	kutna spojnica rama	frame corner bracket	4		
730.002	kutna spojnica rama	frame corner bracket	4		
710.128	kutna spojnica krila	sash corner bracket	4		
710.129	kutna spojnica krila	sash corner bracket	4		
731.010	kutna spojnica krila	sash corner bracket	4		
730.001	kutna spojnica krila	sash corner bracket	4		
710.066	veznik	connector	2		
710.079	pomoćni veznik	auxiliary connector	2		
373.002	umetak pr. okapnice	end insert for drip cap	par		
370.070	maska za drenažni otvor	drainage slot mask	4		
134.026.xx	dry kip 4135.00(Stub.)	dry kip 4135.00(Stublina)	1		
Brtve Gaskets					
337.004	srednja brtva	central gasket		L+2H	
321.006	brtva krila	sash gasket		L+2H	
321.002	brtva prema staklu fiksno	glazing gasket fixed		L+2H	
311.003	brtva prema staklu fiksno	glazing gasket fixed		L+2H	
321.003	brtva prema staklu	glazing gasket		L+2H	
311.004	brtva prema staklu	glazing gasket		L+2H	
340.013	izolacijski umetak	insulation		L+2H	
340.450	izolacijski umetak	insulation		L+2H	
363.090	kutni umetak srednje brtve	gasket corner	4		
Staklo Glass					
48 mm (6+16+4+18+4)			1	L/2-78 x H-113	
48 mm (6+16+4+18+4)			1	Lkr-128 x Hkr-128	

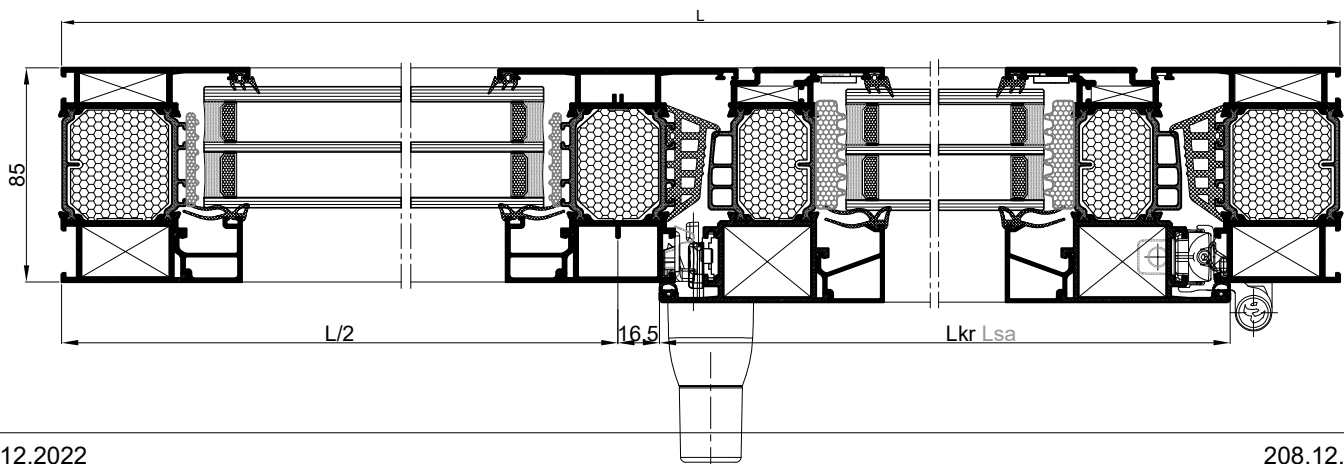
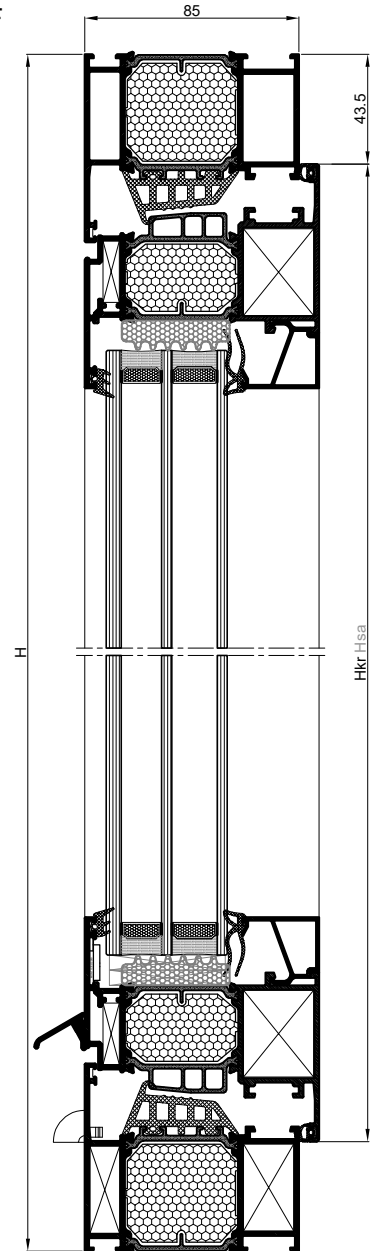


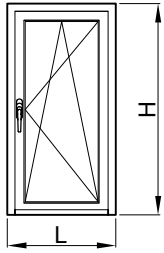


Rezna lista Cutting list

Ram Frame : FT-0510F
 Krilo Sash: FT-0521F
 Prečka Window crossbar: FT-0532F

Profili Profiles	Opis Description		Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama	hor.frame	2	L	45-45
FT-0510F	okomica rama	ver.frame	2	H	45-45
FT-0521F	vodoravnica krila	hor.sash	2	Lkr=L/2-60	45-45
FT-0521F	okomica krila	hor.sash	2	Hkr=H-87	45-45
FT-0532F	prečka	window crossbar	1	H-93	90-90
Z40-668	staklolajsna vodoravna	hor.glazing bead	2	Lkr-134	90-90
Z40-668	staklolajsna okomita	ver.glazing bead	2	Hkr-178	90-90
Z40-667	staklolajsna vod. fiksno	hor.glazing bead fixed	2	L/2-72	90-90
Z40-667	staklolajsna oko. fiksno	ver.glazing bead fixed	2	H-143	90-90
Z40-657	okapnica	drip cap	1	Lkr-78	90-90
NC-1459	profil klizača	slide profile			
Okovi Hardware					
710.090	kutna spojnica rama	frame corner bracket	4		
710.118	kutna spojnica rama	frame corner bracket	4		
730.002	kutna spojnica rama	frame corner bracket	4		
710.158	kutna spojnica krila	sash corner bracket	4		
710.157	kutna spojnica krila	sash corner bracket	4		
731.010	kutna spojnica krila	sash corner bracket	4		
730.001	kutna spojnica krila	sash corner bracket	4		
710.066	veznik	connector	4		
710.079	pomoćni veznik	auxiliary connector	4		
373.002	umetak pr. okapnice	end insert for drip cap	par		
370.070	maska za drenažni otvor	drainage slot mask	4		
134.026.xx	dry kip 4135.00(Stub.)	dry kip 4135.00(Stublina)	1		
Brtve Gaskets					
337.004	srednja brtva	central gasket		L+2H	
321.006	brtva krila	sash gasket		L+2H	
321.002	brtva prema staklu fiksno	glazing gasket fixed		L+2H	
311.003	brtva prema staklu fiksno	glazing gasket fixed		L+2H	
321.003	brtva prema staklu	glazing gasket		L+2H	
311.004	brtva prema staklu	glazing gasket		L+2H	
340.013	izolacijski umetak	insulation		L+2H	
340.450	izolacijski umetak	insulation		L+2H	
363.090	kutni umetak srednje brtve	gasket corner	4		
Staklo Glass					
48 mm (6+16+4+18+4)			1	L/2-86 x H-113	
48 mm (6+16+4+18+4)			1	Lkr-148 x Hkr-148	

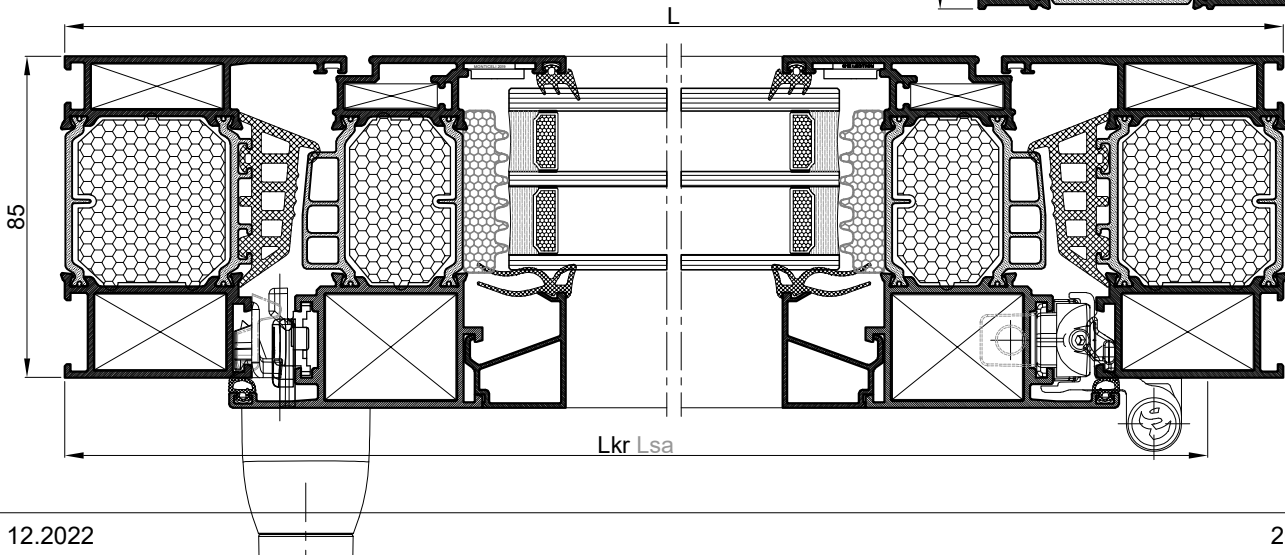
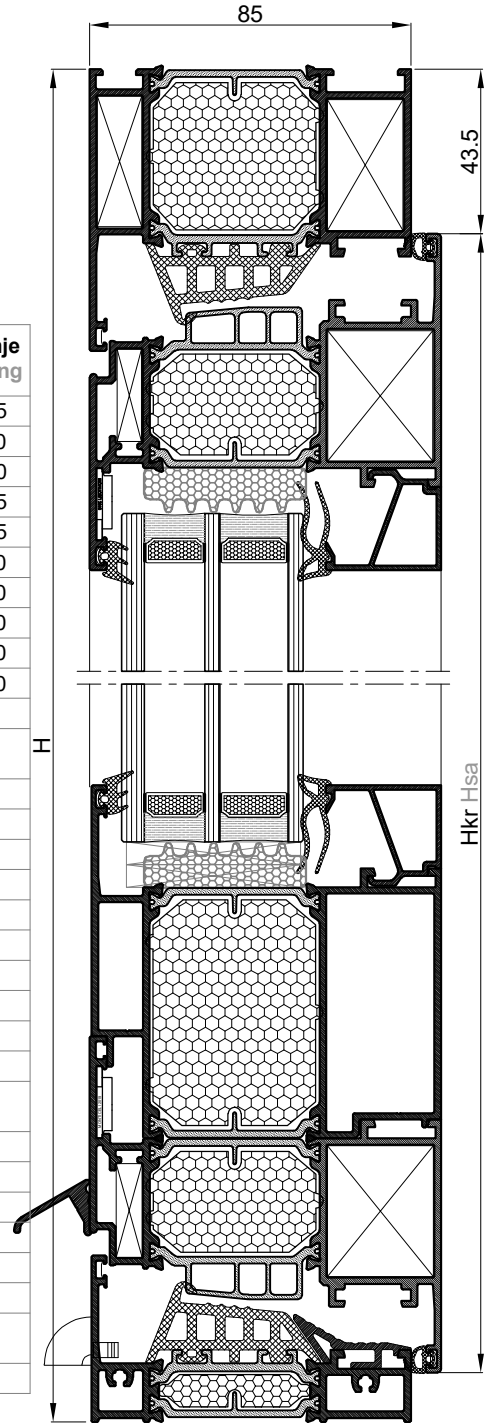


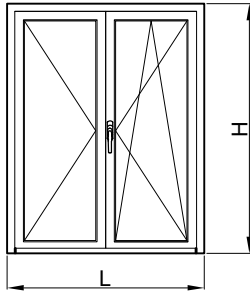


Rezna lista Cutting list

Ram Frame : FT-0510F
Kriilo Sash: FT-0521F
Prag Threshold: FT-0514F

Profili Profiles	Opis Description	Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama hor.frame	1	L	45-45
FT-0514F	vodoravnica rama hor.frame	1	L-93	90-90
FT-0510F	okomica rama ver.frame	2	H	45-90
FT-0521F	vodoravnica krila hor.sash	2	Lkr=L-87	45-45
FT-0521F	okomica krila hor.sash	2	Hkr=H-56.5	45-45
FT-0543F	parapetni profil parapet profile	1	Lkr-125	90-90
Z40-668	staklolajsna vodoravna hor.glazing bead	2	Lkr-134	90-90
Z40-668	staklolajsna okomita ver.glazing bead	2	Hkr-178	90-90
Z40-657	okapnica drip cap	1	Lkr-78	90-90
F-1236	maska mask	1	L-99	90-90
NC-1459	profil klizača slide profile			
Okovi Hardware				
710.090	kutna spojnica rama frame corner bracket	2		
710.118	kutna spojnica rama frame corner bracket	2		
730.002	kutna spojnica rama frame corner bracket	2		
710.158	kutna spojnica krila sash corner bracket	4		
710.157	kutna spojnica krila sash corner bracket	4		
731.010	kutna spojnica krila sash corner bracket	4		
730.001	kutna spojnica krila sash corner bracket	4		
373.002	umetak pr. okapnice end insert for drip cap	1 par		
370.070	maska za drenažni otvor drainage slot mask	2		
134.026.xx	dry kip 4135.00(Stub.)dry kip 4135.00(Stublina)	1		
Brtve Gaskets				
337.004	srednja brtva central gasket		2L+2H	
321.006	brtva krila sash gasket		2L+2H	
321.003	brtva prema staklu glazing gasket		2L+2H	
311.004	brtva prema staklu glazing gasket		2L+2H	
340.013	Izolacijski umetak insulation		2L+2H	
363.090	kutni umetak srednje brtve gasket corner	4		
Staklo Glass				
48 mm (6+16+4+18+4)		1	Lkr-148 x Hkr-214	

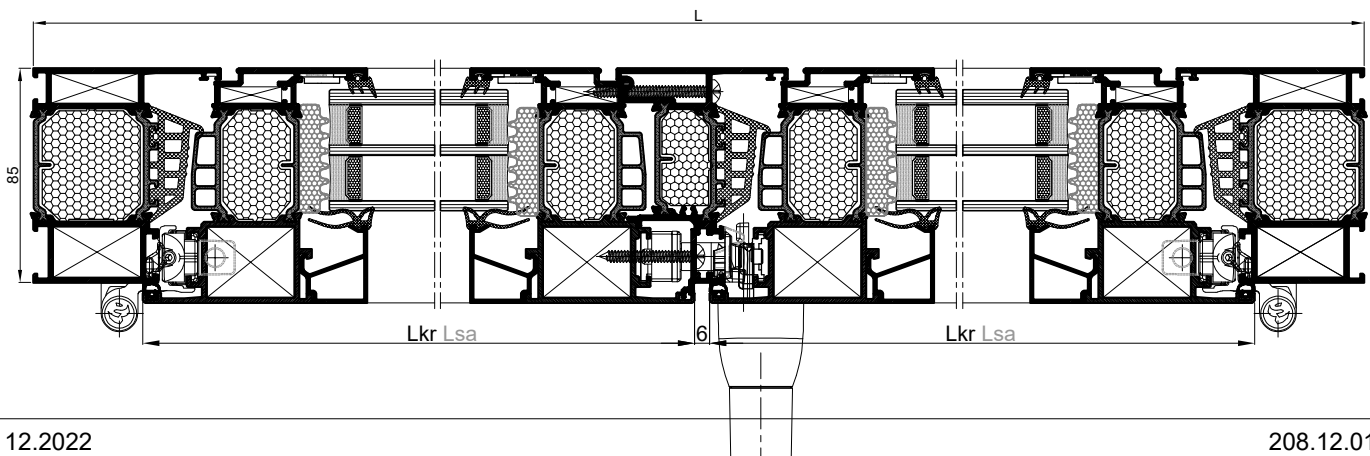
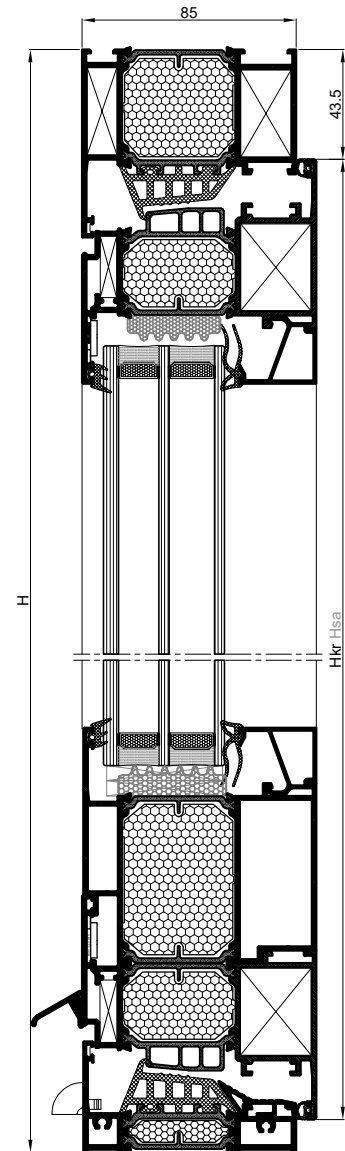




Rezna lista Cutting list

Ram Frame : FT-0510F
 Krilo Sash: FT-0521F
 Kombatuta Flying mullion: FT-0530F
 Prag Threshold : FT-0514F

Profili Profiles	Opis Description	Kom Pcs	Mjera Dimension	Pilanje cutting
FT-0510F	vodoravnica rama hor.frame	1	L	45-45
FT-0514F	vodoravnica rama hor.frame	1	L-93	90-90
FT-0510F	okomica rama ver.frame	2	H	45-90
FT-0521F	vodoravnica krila hor.sash	4	Lkr=(L-93)/2	45-45
FT-0521F	okomica krila hor.sash	4	Hkr=H-56.5	45-45
FT-0530F	profil za okretanje flaying mullion	1	Hkr-76	90-90
FT-0543F	parapetni profil parapet profile	2	Lkr-124	90-90
Z40-668	staklolajsna vodoravna hor.glazing bead	2	Lkr-134	90-90
Z40-668	staklolajsna okomita ver.glazing bead	2	Hkr-178	90-90
Z40-657	okapnica 1 drip cap 1	1	Lkr-78	90-90
Z40-657	okapnica 2 drip cap 2	1	Lkr-4	90-90
F-1236	maska mask	1	L-99	90-90
NC-1459	profil klizača slide profile			
Okovi Hardware				
710.090	kutna spojnica rama frame corner bracket	2		
710.118	kutna spojnica rama frame corner bracket	2		
730.002	kutna spojnica rama frame corner bracket	2		
710.158	kutna spojnica krila sash corner bracket	8		
710.157	kutna spojnica krila sash corner bracket	8		
731.010	kutna spojnica krila sash corner bracket	8		
730.001	kutna spojnica krila sash corner bracket	8		
373.002	umetak pr. okapnice end insert for drip cap	2 par		
370.070	maska za drenažni otvor drainage slot mask	4		
134.026.xx	dry kip 4135.00(Stub.)dry kip 4135.00(Stublina)	1		
134.017	ključanje pomoćnog krila-Stublina (art.4005.00) auxiliary sash locking -Stublina (art.4005.00)	1		
111.001.xx	dvodijelna šarka two-part hinge	2		
134.023	pasivno ključanje -Stublina (art.4045.00) passive locking -Stublina (art.4045.00)	3		
365.047	čep profila za okret.end insert for flying mullion prof.	par		
Brtve Gaskets				
337.004	srednja brtva central gasket		2L+3H	
321.006	brtva krila sash gasket		2L+3H	
321.003	brtva prema staklu glazing gasket		2L+4H	
311.004	brtva prema staklu glazing gasket		2L+4H	
340.013	Izolacijski umetak insulation		2L+4H	
363.090	kutni umetak srednje brtve gasket corner	4		
Staklo Glass				
48 mm (6+16+4+18+4)		2	Lkr-148 x Hkr-214	



FEAL

TERMO 85 S Plus

Veljača 2023. / *February 2023*

FEAL d.o.o.
Trnska cesta 146
88220 Široki Brijeg
Bosna i Hercegovina
Tel. +387 39 704-269; 705-807; 705-636
Fax. +387 39 704-358
info@feal.ba
www.feal.ba