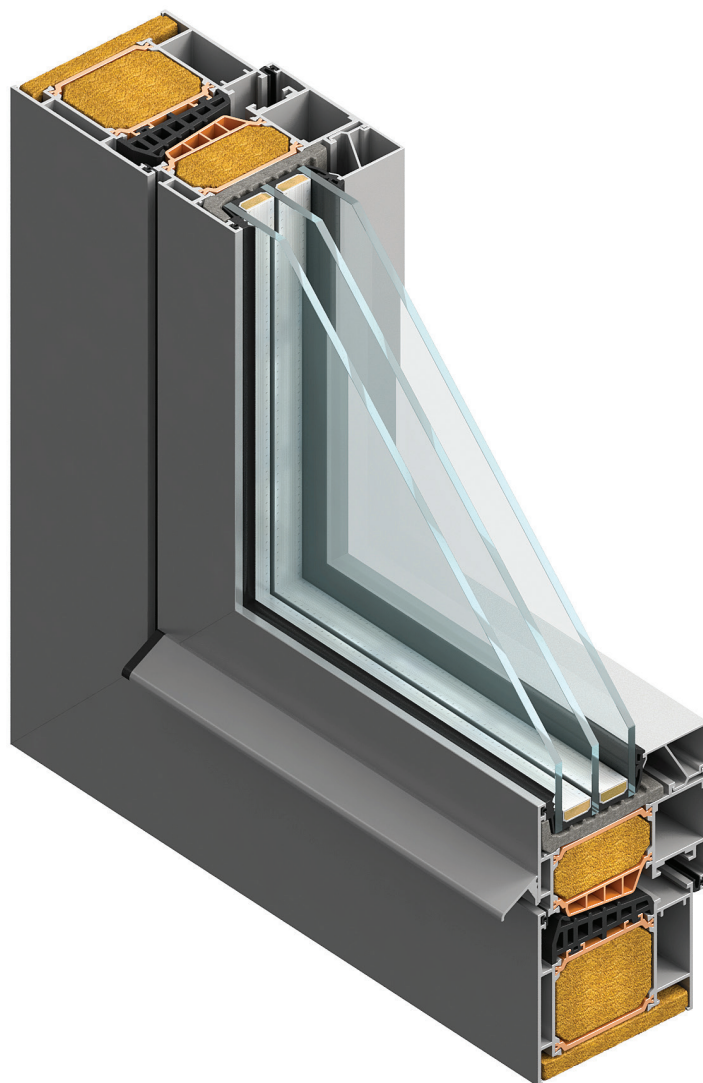


FEAL



TERMO 85 PA

SISTEM ZA PASIVNE KUĆE
SYSTEM FOR PASSIVE HOUSES



SADRŽAJ
CONTENT

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

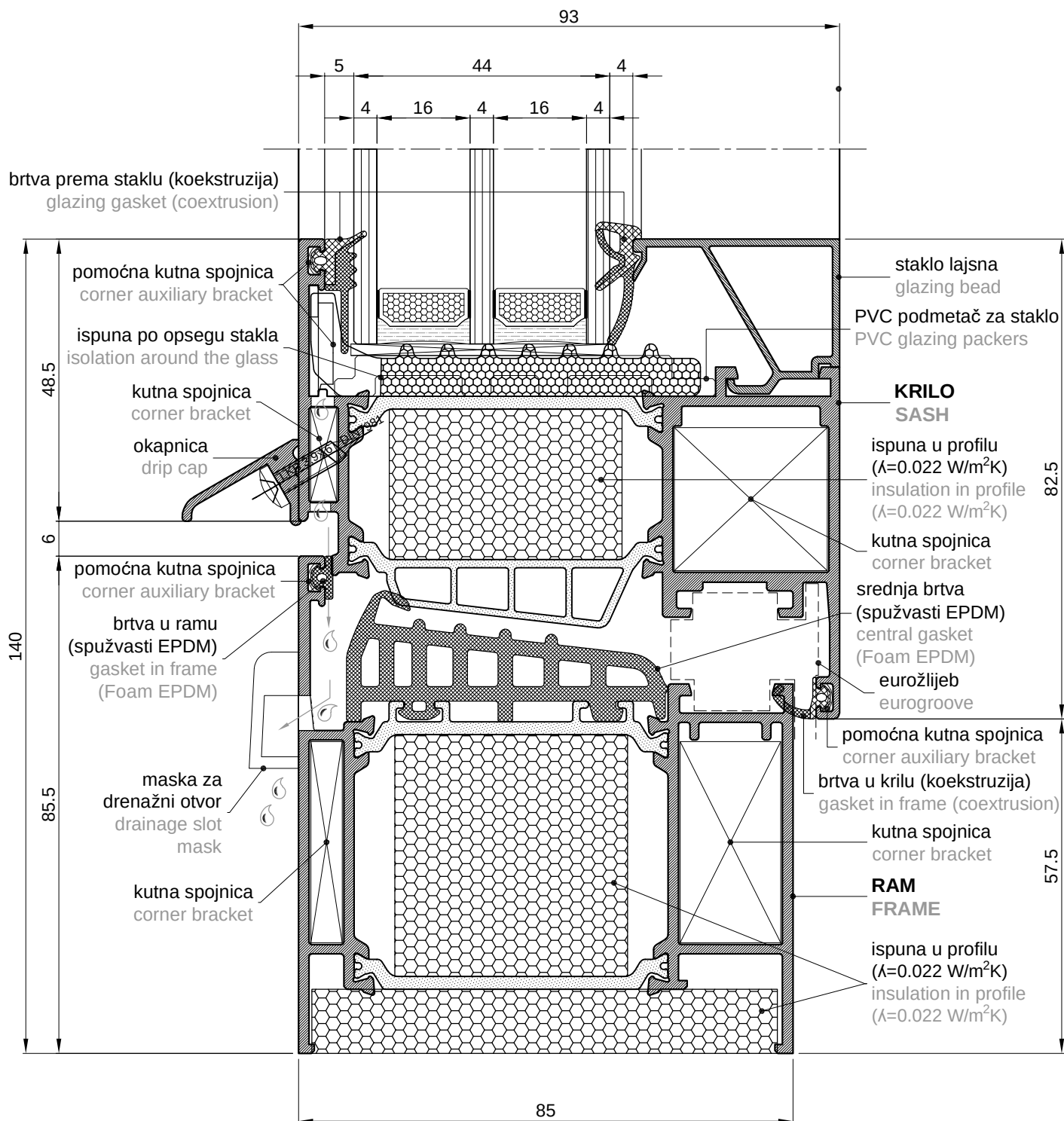
Značajke sistema System characteristics

Profili iz sistema **Termo 85 PA** su dodatno ispunjeni termoizolacijskim materijalom

- ispuna je od materijala s niskim koeficijentom toplinske provodljivosti λ /veći otpor prolaza topline/

Profiles from system **Termo 85 PA** are additionally filled with thermo insulating material

- thermo insulating material has low thermal conductivity coefficient λ /higher heat transfer resistance/



OPIS SISTEMA TERMO 85 PA
SYSTEM DESCRIPTION TERMO 85 PA

Sistem **Termo 85 PA** je namijenjen za izradu prozora, balkonskih i ulazni vrata visoko izoliranih objekata, koji ispunjava i najstrože kriterije u pogledu energetske učinkovitosti, odnosno zadovoljava standarde pasivne kuće **$U_w \leq 0.80 \text{ W/m}^2\text{K}$** .

S koeficijentom prolaza topline kroz okvir **$U_f = 0.75 \text{ W/m}^2\text{K}$** , u kombinaciji sa troslojnim staklom **$U_g = 0.70 \text{ W/m}^2\text{K}$** i odgovarajućim distancerom stakla ukupan koeficijent prolaza topline kroz prozor (dimenzija pr. EN 10077-2 1230x1480 mm) iznosi **$U_w = 0.78 \text{ W/m}^2\text{K}$** , što sam sistem svrstava u proizvode koji su kompatibilni za ugradnju u pasivne kuće, a kao rezultat svega je potvrda od strane *Passive Houses Institute (PHI) - Darmstadt Germany*.

Kako bi se dobili ovakvi rezultati, odnosno radi poboljšanja toplinskih karakteristika, kod ovog sistema osim konstrukcije samih profila koristili su se i najsuvremeniji materijali, sa vrlo niskim koeficijentom toplinske provodljivosti λ (W/mK).

- poliamidne trake nove generacije,
- termoizolacijska ispuna po opsegu stakla,
- termoizolacijska ispuna u komorama profila,
- koekstrudirane brtve

System **Termo 85 PA** is used for production of window, balcony and entrance door for buildings with high energy savings demands, it meets the strictest energy efficiency criteria, which means it meets standard for passive house of $U_w \leq 0.80 \text{ W/m}^2\text{K}$.

The heat transfer coefficient through frame **$U_f = 0.75 \text{ W/m}^2\text{K}$** , in combination with three pane glass **$U_g = 0.70 \text{ W/m}^2\text{K}$** and the appropriate distancer glass total heat transfer coefficient through window (dimension from EN 10077-2 1230x1480 mm) is **$U_w = 0.78 \text{ W/m}^2\text{K}$** , this classifies the system in product which are compatible for installation in passive house, and results everything is confirmed from *Passive Houses Institute (PHI) - Darmstadt Germany*.

To achieve this results of improvement thermal characteristics, this system uses, along with special profile shape the latest materials, with a low thermal conductivity coefficient λ (W/mK).

- polyamide strips of a new generation,
- thermal insulation around the glass,
- thermal insulation in chambers of profile,
- coextrusion gaskets

Tehničke karakteristike sistema:

Dubina okvira: 85 mm
Dubina krila: 93 mm
Dubina staklo ispune: do 46 mm
Poliamidne trake: 54 mm
 $U_g = 0.52 \text{ W/m}^2\text{K}$
 $U_f = 0.75 \text{ W/m}^2\text{K}$
 $U_w = 0.67 \text{ W/m}^2\text{K}$

System technical characteristic:

Frame depth: 85 mm
Sash depth: 93 mm
Glassing depth: up to 46 mm
Polyamide strips: 54 mm
 $U_g = 0.52 \text{ W/m}^2\text{K}$
 $U_f = 0.75 \text{ W/m}^2\text{K}$
 $U_w = 0.67 \text{ W/m}^2\text{K}$

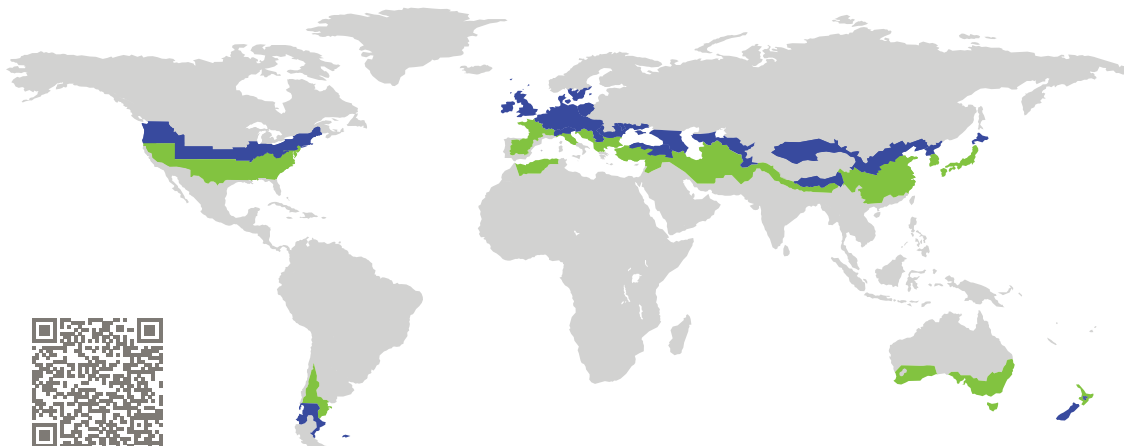
Ispitivanja i certifikati

Testing and certificates

CERTIFICATE

Certified Passive House Component

Component-ID 1082wi03 valid until 31st December 2017

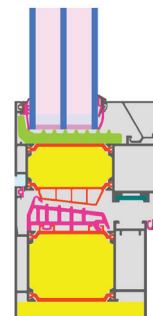
Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany

Category: **Window Frame**
Manufacturer: **Feal d.o.o.,
Siroki Brijeg,
Bosnia and Herzegovina**
Product name: **Termo 85 PA**

**This certificate was awarded based on the following
criteria for the cool, temperate climate zone**

Comfort $U_W = 0.78 \leq 0.80 \text{ W/(m}^2 \text{ K)}$
 $U_{W, \text{installed}} \leq 0.85 \text{ W/(m}^2 \text{ K)}$
with $U_g = 0.70 \text{ W/(m}^2 \text{ K)}$

Hygiene $f_{Rsi=0.25} \geq 0.70$



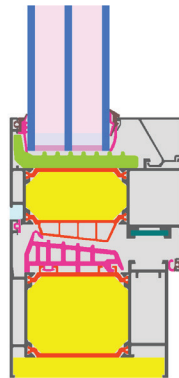
Passive House efficiency class	phE	phD	phC	phB	phA

www.passivehouse.com

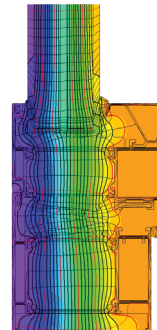
Feal d.o.o.

Trnska cesta 146, 88220 Siroki Brijeg, Bosnia and Herzegovina

☎ +387 39 704 269 | ✉ info@feal.ba | 🌐 http://www.feal.ba |



Calculation model



Isothermal

Description

Aluminium frame with thermal separation by Low lambda Polyamide and insulated by Kooltherm (0.022 W/(mK)) Pane thickness: 44 mm (4/16/4/16/4), rebate depth: 18 mm

Explanation

The window U-values were calculated for the test window size of 1.23 m × 1.48 m with $U_g = 0.70 \text{ W}/(\text{m}^2 \text{ K})$. If a higher quality glazing is used, the window U-values will improve as follows:

Glazing	$U_g =$	0.70	0.64	0.58	0.52	W/(m ² K)
		↓	↓	↓	↓	
Window	$U_W =$	0.78	0.74	0.70	0.67	W/(m ² K)

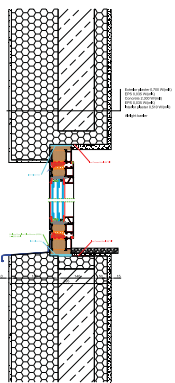
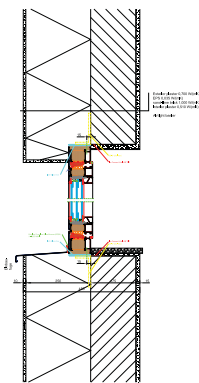
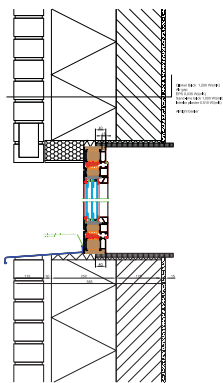
Transparent building components are classified into efficiency classes depending on the heat losses through the opaque part. The frame U-Values, frame widths, thermal bridges at the glazing edge, and the glazing edge lengths are included in these heat losses. A more detailed report of the calculations performed in the context of certification is available from the manufacturer.

The Passive House Institute has defined international component criteria for seven climate zones. In principle, components which have been certified for climate zones with higher requirements may also be used in climates with less stringent requirements. In a particular climate zone it may make sense to use a component of a higher thermal quality which has been certified for a climate zone with more stringent requirements.

Further information relating to certification can be found on www.passivehouse.com and passipedia.org.

Frame values			Frame width b_f mm	U-value frame U_f W/(m ² K)	Ψ -glass edge Ψ_g W/(m K)	Temp. Factor $f_{Rsi=0.25}$ [-]
Top	(to)		140	0.75	0.026	0.78
Side	(s)		140	0.75	0.026	0.78
Bottom	(bo)		140	0.75	0.026	0.78
Mullion flying	(fm)		170	0.73	0.027	0.78
Spacer: SWISSPACER Ultimate			Secondary seal: Polysulfide			

Validated installations

Insulated formwork blocks		EIFS		Cavity wall	
$U_{Wall} = 0.15 \text{ W/(m}^2 \text{ K)}$		$U_{Wall} = 0.13 \text{ W/(m}^2 \text{ K)}$		$U_{Wall} = 0.13 \text{ W/(m}^2 \text{ K)}$	
					
$\Psi_{install}$	W/(m K)	$\Psi_{install}$	W/(m K)	$\Psi_{install}$	W/(m K)
Top	0.014	Top	0.014	Top	0.013
Side	0.014	Side	0.014	Side	0.013
Bottom	0.019	Bottom	0.018	Bottom	0.017
$U_{W, installed} = 0.83 \text{ W/(m}^2 \text{ K)}$		$U_{W, installed} = 0.82 \text{ W/(m}^2 \text{ K)}$		$U_{W, installed} = 0.82 \text{ W/(m}^2 \text{ K)}$	

ift-Nachweis

Classification Report



Number	18-002710-PR03 (NW-A01-02-en-01)
Owner	FEAL d.o.o. Trnska cesta 146 88220 Siroki Brijeg Bosnia-Herzegovina
Product	Tilt and turn window
Designation	System: Termo 85 PA Shipping name: Single tilt-turn window (opening inside)
Details	Manufacturer FEAL d.o.o., - Siroki Brijeg; Material Aluminium system with thermal break; Type of opening Tilt and turn; Opening direction DIN right, inward opening; Overall dimensions (W x H) 1230 mm x 1480 mm
Special features	Test sequence. Position of locking device.
Result	

Air permeability according to EN 12207:2016-12

**Class: 4**

Resistance to wind load according to EN 12210:2016-03

**Class: C5/B5**

Watertightness according to EN 12208:1999-11

**Class: E900**

Basis *)

EN 14351-1:2006+A2:2016-09
*) and corresponding national versions
e.g. DIN EN)

Test report: 18-002710-PR03 PB-A01-02-en-01

Representation



Instructions for use

The Evidence ("Nachweis") can be used for preparing the Declaration of Performance in accordance with the Construction Products Regulation 305/2011/EU. The results obtained apply to the direct field of application determined in Annex E of EN 14351-1.

Validity

There is no time limit.
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

ift Rosenheim
16.10.2018

Thomas Stefan, Dipl.-Ing. (FH)
Head of Testing Department
Building Component Testing

Dimitrios Moustakidis, MSc, Dipl.-Ing.
Operating Testing Officer
Building Component Testing

Identity-Check



www.ift-rosenheim.de/ift-geprueft
ID: 0CD-5D1F5

ift-Nachweis

Classification Report



Number	18-002710-PR04 (NW-A01-02-en-01)
Owner	FEAL d.o.o. Trnska cesta 146 88220 Siroki Brijeg Bosnia-Herzegovina
Product	Double tilt and turn window with openable meeting stile
Designation	System: Termo 85 PA Shipping name: Double vent window
Details	Manufacturer FEAL d.o.o., - Siroki Brijeg; Material Aluminium system with thermal break; Type of opening Turn / tilt and turn; Opening direction Active casement DIN right (opening) to the inside, Inactive casement DIN left (opening) to the inside; Overall dimensions (W x H) 1600 mm x 1480 mm
Special features	Test sequence. The strength, durability and material compatibility of the adhesive system was not part of the test and is tested separately.

Result

Air permeability according to EN 12207:2016-12

**Class: 4**

Resistance to wind load according to EN 12210:2016-03

**Class: C4/B4**

Watertightness according to EN 12208:1999-11

**Class: 9A**

Basis *)

EN 14351-1:2006+A2:2016-09
*) and corresponding national versions
e.g. DIN EN

Test report: 18-002710-PR04 PB-A01-02-en-01

Representation



Instructions for use

The Evidence ("Nachweis") can be used for preparing the Declaration of Performance in accordance with the Construction Products Regulation 305/2011/EU. The results obtained apply to the direct field of application determined in Annex E of EN 14351-1.

Validity

There is no time limit.
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

ift Rosenheim
16.10.2018

Thomas Stefan, Dipl.-Ing. (FH)
Head of Testing Department
Building Component Testing

Dimitrios Moustakidis, MSc, Dipl.-Ing.
Operating Testing Officer
Building Component Testing

Identity-Check



www.ift-rosenheim.de/ift-geprueft
ID: 90C-F64EE

ift-Nachweis

Classification Report



Number	18-002710-PR05 (NW-A01-02-en-01)
Owner	FEAL d.o.o. Trnska cesta 146 88220 Siroki Brijeg Bosnia-Herzegovina
Product	Tilt and turn casement door
Designation	System: Termo 85 PA Shipping name: Balcony door
Details	Manufacturer FEAL d.o.o., - Siroki Brijeg; Material Aluminium system with thermal break; Type of opening Tilt and turn; Opening direction DIN left, inward opening; Overall dimensions (W x H) 1100 mm x 2200 mm
Special features	Test sequence. Position of locking device. The strength, durability and material compatibility of the adhesive system was not part of the test and is tested separately.

Result

Air permeability according to EN 12207:2016-12

**Class: 4**

Resistance to wind load according to EN 12210:2016-03

**Class: C4/B4**

Watertightness according to EN 12208:1999-11

**Class: 4A**ift Rosenheim
16.10.2018

Thomas Stefan, Dipl.-Ing. (FH)
Head of Testing Department
Building Component Testing

Dimitrios Moustakidis
Operating Testing Officer
Building Component Testing

Ve-PB1-4902-en/ (01.06.2018)

Basis *)

EN 14351-1:2006+A2:2016-09
) and corresponding national versions
e.g. DIN EN)Test report: 18-002710-PR05 PB-
A01-02-en-01

Representation



Instructions for use

The Evidence ("Nachweis") can be used for preparing the Declaration of Performance in accordance with the Construction Products Regulation 305/2011/EU. The results obtained apply to the direct field of application determined in Annex E of EN 14351-1.

Validity

There is no time limit.
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

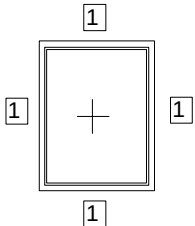
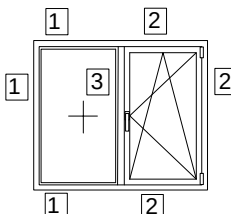
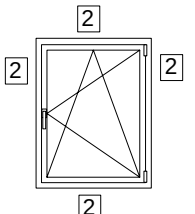
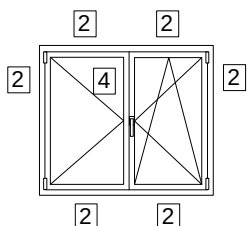
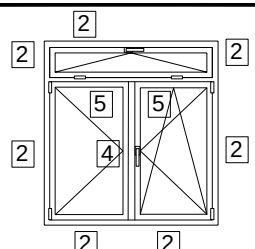
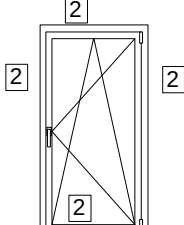
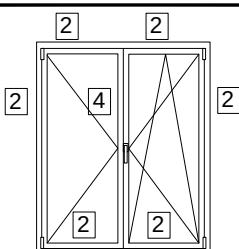
Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

Identity-Check

www.ift-rosenheim.de/ift-geprueft
ID: CD3-CD25Bift Rosenheim GmbH
Theodor-Gietl-Str. 7-9
D-83026 RosenheimContact
Phone: +49 8031 261-0
Fax: +49 8031 261-290
www.ift-rosenheim.deTesting and Calibration – EN ISO/IEC 17025
Inspection – EN ISO/IEC 17020
Product Certification – EN ISO/IEC 17065
Certification of Management Systems – EN ISO/IEC 17021Notified Body 0757
POZ-Stelle: BAY 18

ISPITIVANJA I CERTIFIKATI TESTING AND CERTIFICATES					
Vrsta ispitivanja Type of test	Jednokrlni prozor Single casement window	Dvokrlni prozor Double casement window	Jednokrlna b.vrata Single balcony door	Dvokrlna b.vrata Double balcony door	Fiksna stijena Fixed al. wall
Zrakopropusnost Air permeability EN12207	4	4	4		4 *
Vodoneprpustnost Watertightness EN 12208	E900	9A	4A		E1200 *
Vjetronepropusnost Resistance to wind EN 12210	C5/B5	C4/B4	C4/B4		
Buka Rw Airborne sound reduction EN ISO 717-1					
Protuprovalnost Protection against burglary EN 1627					
Otpornost na istezanje, torziju... Resistance at strain, torsion...					
Pendl test Impact resistance test EN 13049					
Protupožarnost Fire resistance test DIN EN 1363-1					
* Feal interno ispitivanje * Feal internal testing					
Toplinska provodljivost prozora, u skladu s EN ISO 10077-1, $U_w \leq 0.8 [W/m^2K]$ Thermal conductivity windows, in accordant with EN ISO 10077-1, $U_w \leq 0.8 [W/m^2K]$					

		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 PA -fiksno- -fixed filed- (1230x1480)	0,66							0,7 ($\Psi = 0.026$)	0,76
									0,5 ($\Psi = 0.026$)	0,61
	Termo 85 PA -otkl.-zao.s fiks. dijelom- -tilt & turn with fixed field- (1600x1480)	0,66	0,75	0,73					0,7 ($\Psi = 0.027$)	0,79
									0,5 ($\Psi = 0.027$)	0,66
	Termo 85 PA -otklopno -zaokretno- - tilt & turn window- (1230x1480)		0,75						0,7 ($\Psi = 0.026$)	0,78
									0,52 ($\Psi = 0.026$)	0,67
	Termo 85 PA -dvokrilno otklopno -zaokretno- -double sash tilt & turn window- (1600x1480)		0,75		0,86				0,7 ($\Psi = 0.027$)	0,81
									0,5 ($\Psi = 0.027$)	0,69
	Termo 85 PA -dvokrilno- otkl. -zaok. s nadsvijetlom- -double sash tilt & turn with overhead op. (1600x1980)		0,75		0,86	0,78			0,7 ($\Psi = 0.027$)	0,82
									0,5 ($\Psi = 0.027$)	0,71
	Termo 85 PA -balkonska vrata- -balcony door- (1100x2200)		0,75						0,7 ($\Psi = 0.026$)	0,78
									0,5 ($\Psi = 0.026$)	0,65
	Termo 85 PA -dvokrilna balkonska vrata- -double balcony door- (1600x2200)		0,75		0,86				0,7 ($\Psi = 0.027$)	0,81
									0,5 ($\Psi = 0.027$)	0,68

Presjeci sa profilom krila FT-1210

Cross sections with sash profile FT-1210

[illegible]

* Presjeci sa profilom krila FT-1211

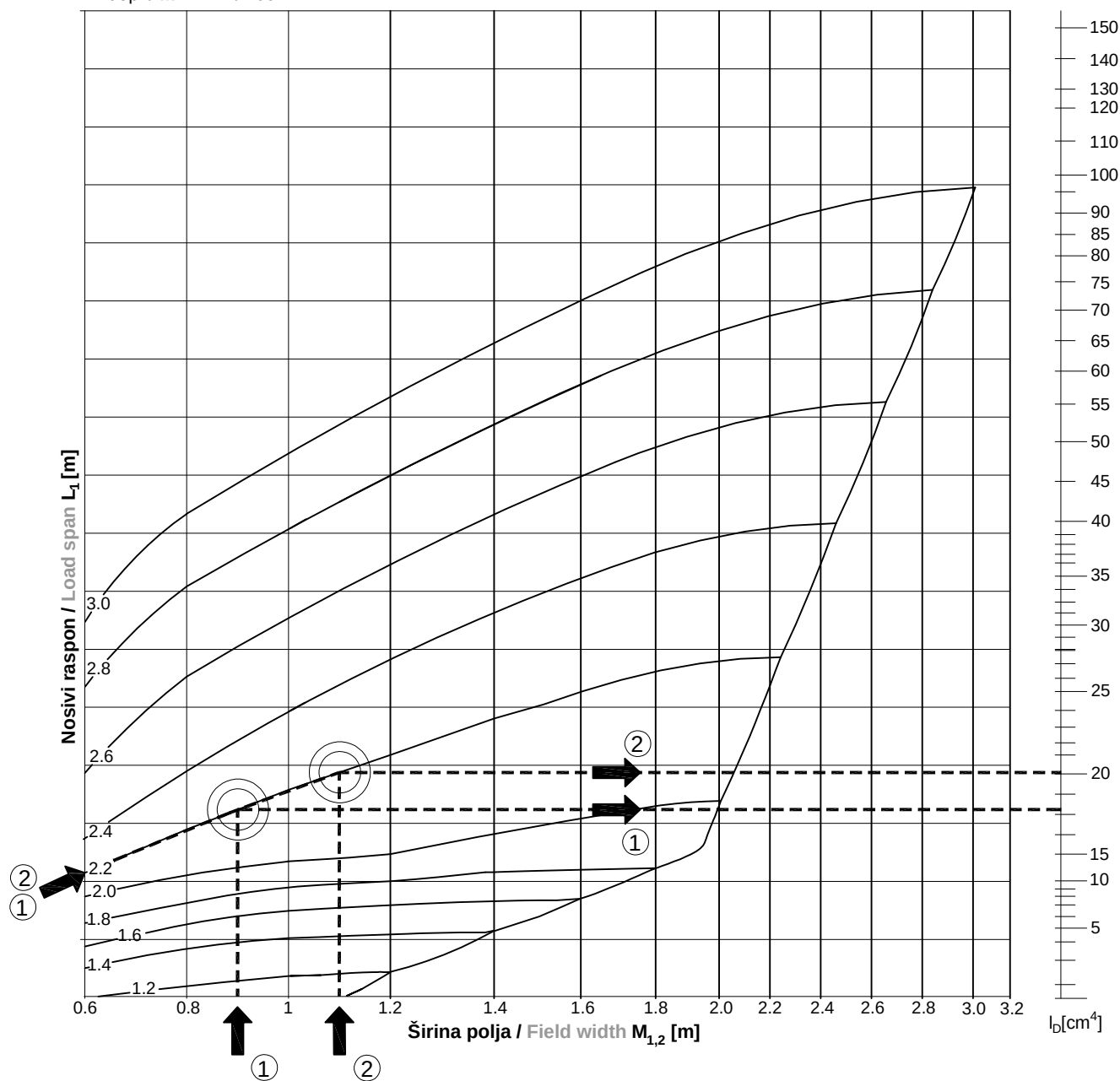
* Cross sections with sash profile FT-1211

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

Osnovni uvjeti

Basic assumptions:

Jed. opterećenje 1.0 kN/m² Unit load 1.0 kN/m²
 $f_{dop.} / adm. = L / 200$



Statički dijagram -opterećenje vjetrom Structural diagram of wind load

Trokutasto i trapezoidno opterećenje Triangular and trapezoidal load

Primjer primjene dijagrama opterećenja Example of load diagram application

1. Ulazni podaci / Input data:

Nosivi raspon / Load span:

$$L = 2.20 \text{ m}$$

Širina polja / Field width:

$$M_1 = 0.9 \text{ m}$$

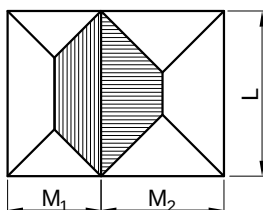
$$M_2 = 1.1 \text{ m}$$

Tlak vjetra*

Wind pressure* = 0.9 kN/m^2

Podtlak vjetra*

Wind suction* = -0.7 kN/m^2



2. Određivanje potrebnog momenta I_x pod jediničnim opt. 1.0 kN/m^2 Determination of required moment I_x under unit load 1.0 kN/m^2

Vrijednosti momenata inercije iz dijagrama

Values of moment of inertia from diagram :

$$I_{D1} = 18 \text{ cm}^4 \text{ (① dijagram / diagram)}$$

$$I_{D2} = 20 \text{ cm}^4 \text{ (② dijagram / diagram)}$$

Zbroj s obje strane

Sum of both sides: $I_D = 38 \text{ cm}^4$

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

Pretpostavljeni tlak vjetra* / Wind pressure assumed*

$$w_p = 0.9 \text{ kN/m}^2$$

$$\text{potrebni / required } I_x = w_p \cdot I_D = 0.9 \cdot 38 \text{ cm}^4 = \underline{34 \text{ cm}^4}$$

Pretpostavljeni podtlak vjetra* / Wind suction assumed*

$$w_s = -0.7 \text{ kN/m}^2$$

$$\text{potrebni / required } I_x = w_s \cdot I_D = (-0.7) \cdot 38 \text{ cm}^4 = \underline{-26.6 \text{ cm}^4}$$

4. Odabire se veća apsolutna vrijednost: 34 cm^4 Greater absolute value is selected: 34 cm^4

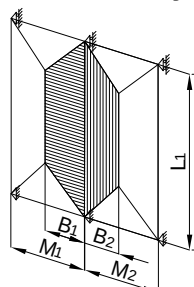
5. Odaberi profil iz tablice Select the profile from the table

*opterećenje vjetrom mora biti izračunato prema važećim standardima te poziciji i obliku građevine
*the wind load must be determined according to the valid standards and to the position and shape of the building.

Statičke jednadžbe Structural formulas

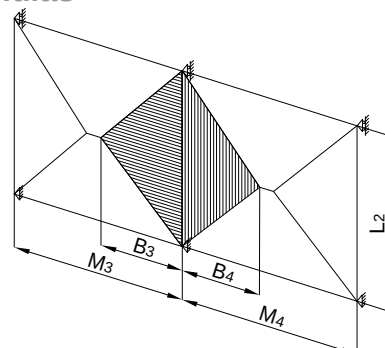
Trapezoidno opterećenje
Trapezoidal load

$$M_{1,2} < L_1$$



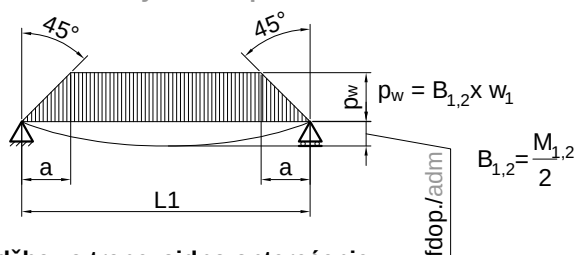
Trokutasto opterećenje
Triangular load

$$M_{3,4} \geq L_2$$



I_x (cm^4) = Moment inercije / Moment of inertia
 $L_{1,2}$ (cm) = Nosivi raspon opterećenja / Load span
 $B_{1,2}$ (cm) = Širina opterećenja trapezoidnog opterećenja / Load width of trapezoidal load $B_{1,2} = M_{1,2}/2$
 $B_{3,4}$ (cm) = Širina opterećenja trokutasto opterećenja / Load width of triangular load $B_{3,4} = L_2/2$
 w_p (kN/cm^2) = Tlak vjetra / Wind pressure
 w_s (kN/cm^2) = Podtlak vjetra / Wind suction
 p_w (kN/cm) = Linijsko opterećenje / Line load
 E (kN/cm^2) = Modul elastičnosti / Modulus of elasticity $7 \cdot 10^3$
 $f_{\text{dop. / adm.}}$ (cm) = dopušteni progib / adm. deflection

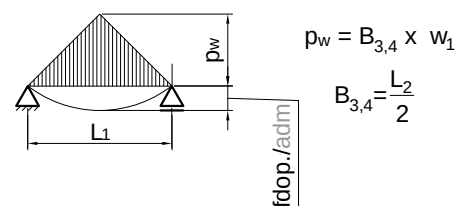
Statički sistem trapezoidnog opterećenja Structural system trapezoidal load



Jednadžba za trapezoidno opterećenje Calculation formula trapezoidal load

$$I_x = \frac{p_w \cdot L_1^4}{1920 \cdot E \cdot f_{\text{dop. / adm.}}} \cdot (25 - 40 \frac{a^2}{L_1^2} + 16 \frac{a^4}{L_1^4})$$

Statički sistem trokutastog opterećenja Statical system triangular load



Jednadžba za trokutasto opterećenje Calculation formula triangular load

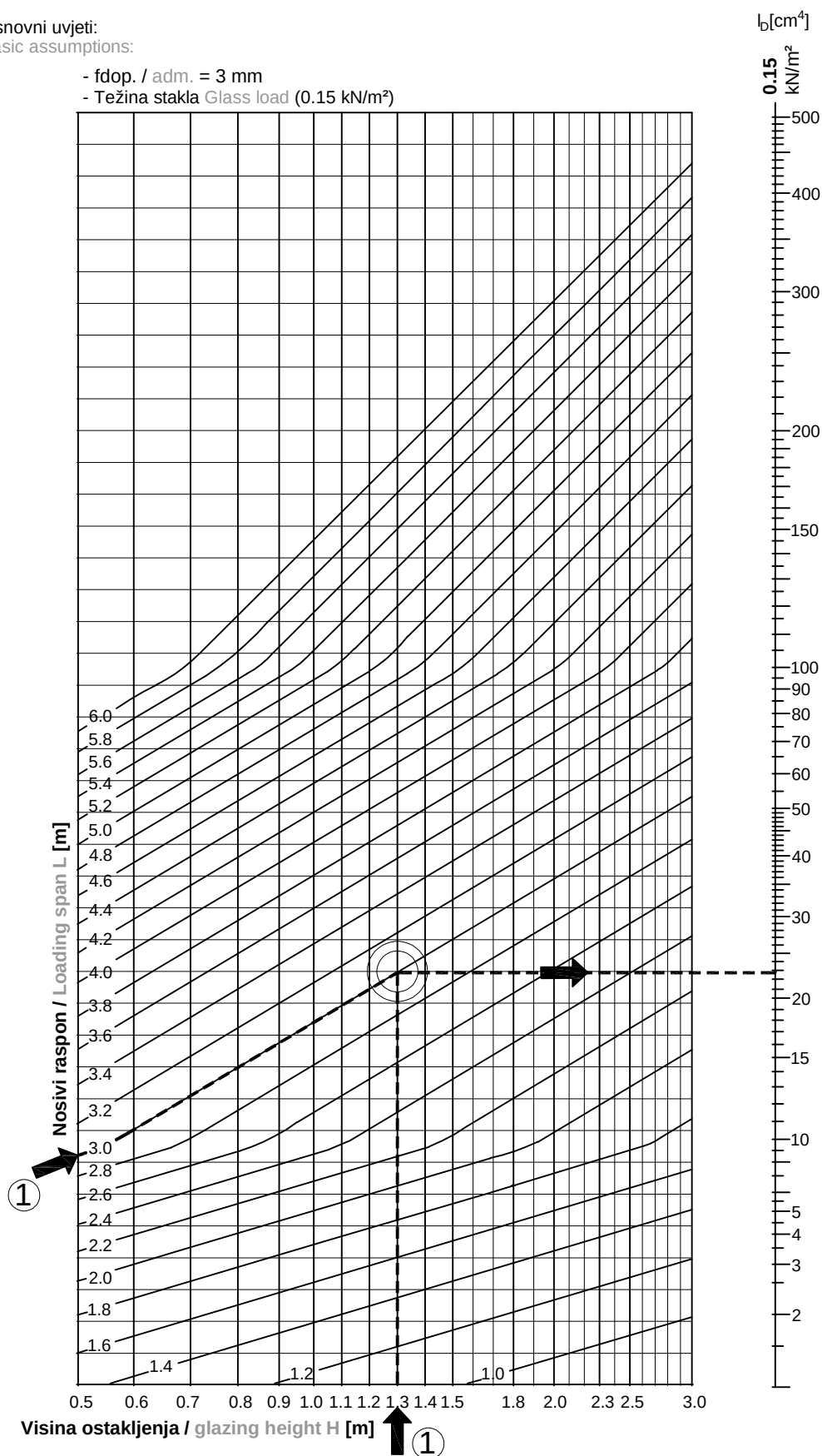
$$I_x = \frac{p_w \cdot L_2^4}{120 \cdot E \cdot f_{\text{dop. / adm.}}}$$

Statički dijagram težina stakla Structural diagram glass load

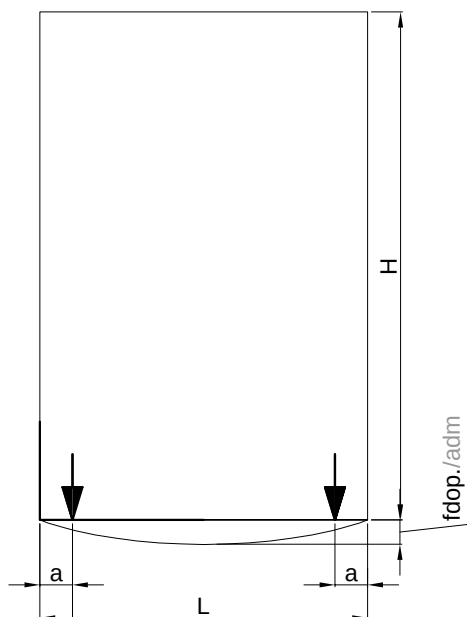
Osnovni uvjeti:

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/m²za / 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 $I_y = K_{20} \cdot I_{y0.15} = (3.33) \cdot 23 \text{ cm}^4 = 77 \text{ cm}^4$ 

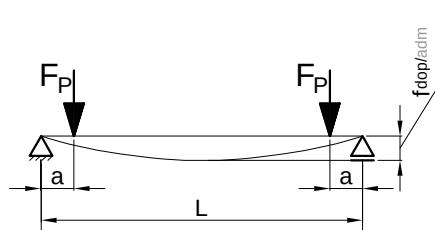
Vlastita težina profila nije uzeta u opterećenje !
The dead weight of the profile is not considered !

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

Statičke jednadžbe

Structural formulas

Nosac na dva oslonca / Beam on 2 supports



a = 150 mm fiksno / fixed

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

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

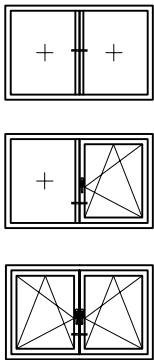
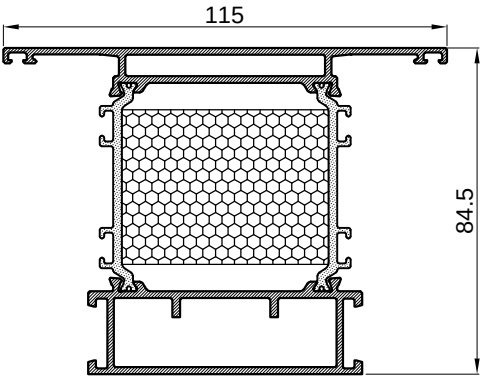
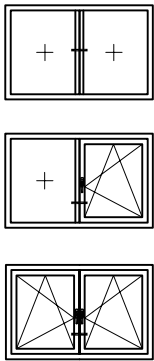
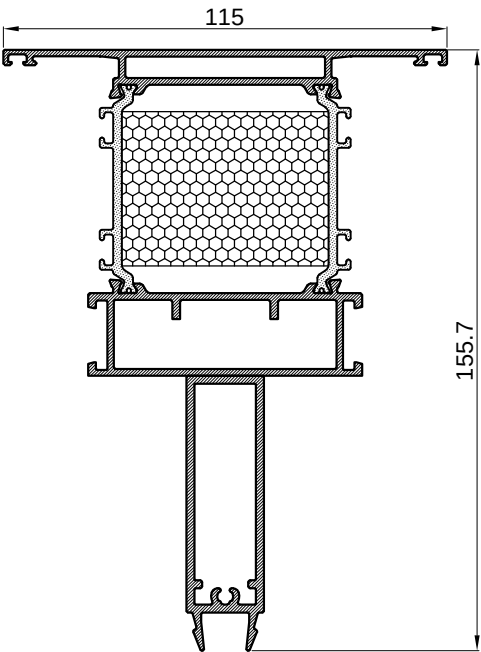
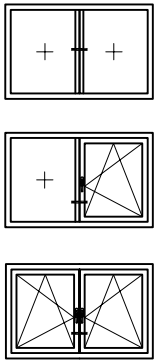
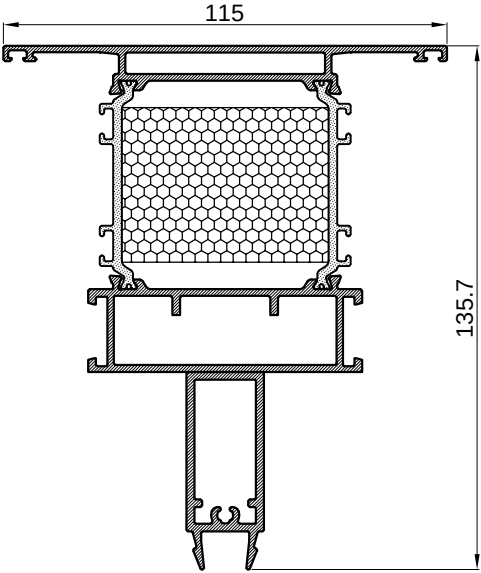
I_y (cm⁴) = Moment inercije / Moment of inertia
 F_p (kN) = Pojedinačno opterećenje / Single load
 a (cm) = Udaljenost oslonca / Support distance
 H (cm) = Visina stakla / Pane height
 L (cm) = Širina raspona / Load span
 q_s (kN/cm²) = Težina stakla / Glass weight
 $f_{dop./adm.}$ (cm) = dop.progib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

Tablica 1. Težina stakla
Table 1. Glass weight

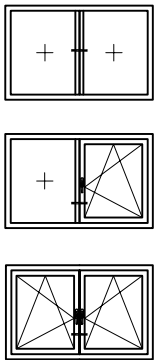
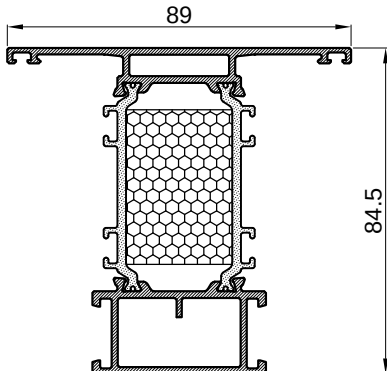
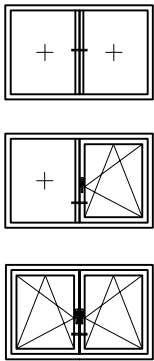
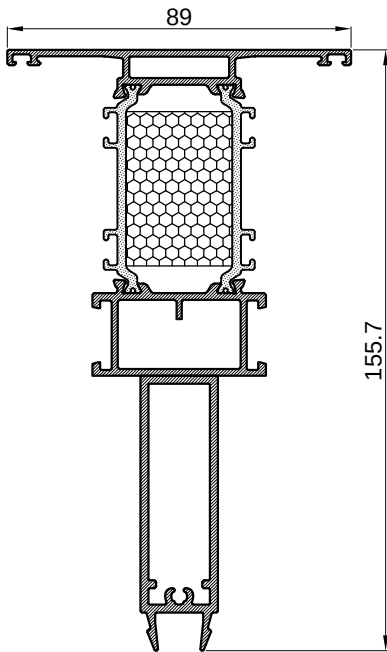
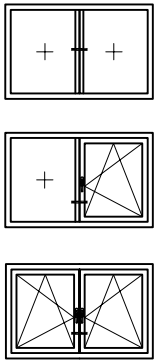
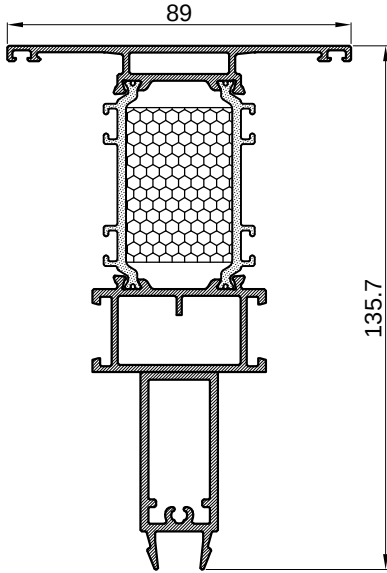
Koeficijent K Coefficient K	1	1.33	1.66	2	2.33	2.66	3	3.33	3.66	4	4.33	4.66	5	5.33	5.66	6	6.33	6.66	7	7.33	7.66	8
kN/m ²	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.15	1.20	1.25
kg/m ²	15	20	25	30	35	40	45	50	55	60	65	70	80	85	90	95	100	105	110	115	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



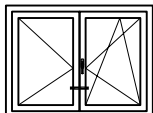
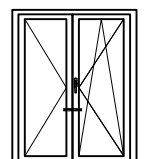
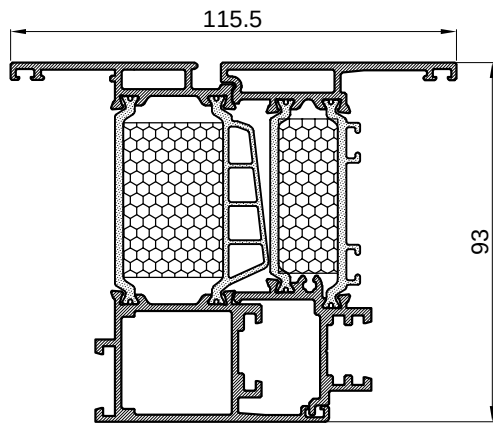
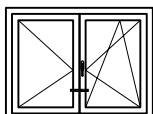
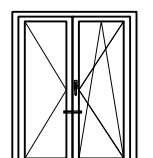
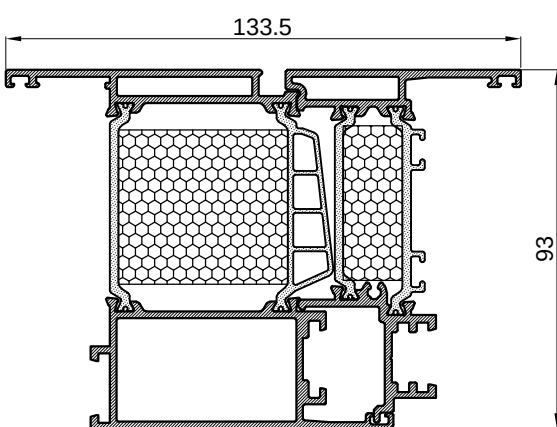
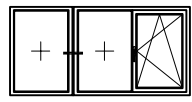
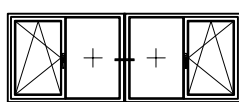
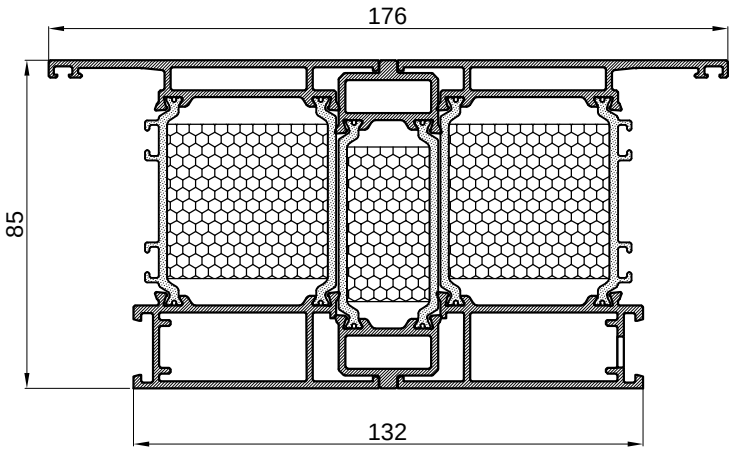
Vrijednosti momenta inercije Moment of inertia values

Tip otvaranja Opening type	Profil Profiles	Izgled View	I_x (cm ⁴)	I_y (cm ⁴)
	FT-1220		63.60	50.26
	FT-1220 + NP-4183		207.26	52.96
	FT-1220 + F-1634		149.25	52.31

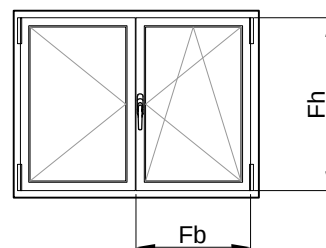
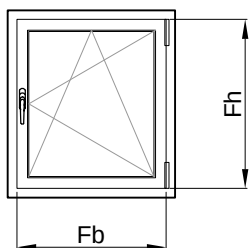
Vrijednosti momenta inercije Moment of inertia values

Tip otvaranja Opening type	Profil Profiles	Izgled View	I_x (cm ⁴)	I_y (cm ⁴)
	FT-1221		46.34	18.73
	FT-1221 + NP-4183		177.99	21.07
	FT-1221 + F-1634		126.06	20.42

Vrijednosti momenta inercije Moment of inertia values

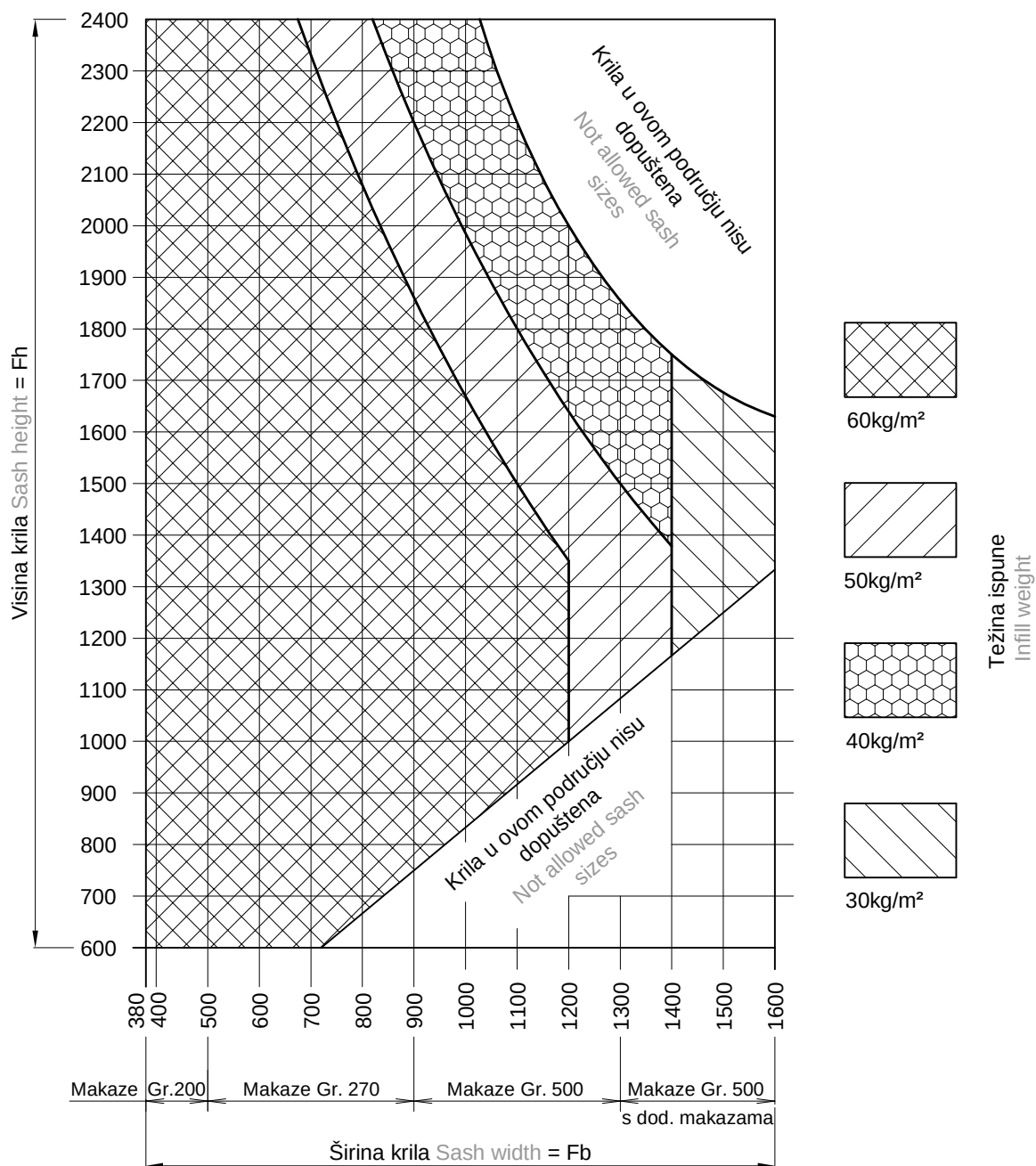
Tip otvaranja Opening type	Profili Profiles	Izgled View	I _x (cm ⁴)	I _y (cm ⁴)
 	FT-1210 + FT-1230		93.63	60.64
 	FT-1211 + FT-1230		106.30	102.66
 	FT-1200 + FT-1235 + FT-1200		134.24	254.66

- DIJAGRAM ZA GLAVNO KRILO OTKLOPNO-ZAKRETNOG MEHANIZAMA - "EUGEN NOTTER AL 2000"
- DIAGRAM FOR MAIN SASH OF TILT-TURN MECHANISM - "EUGEN NOTTER AL 2000"



Dijagram za izbor dopuštene veličine krila
za težinu od **100 Kg**

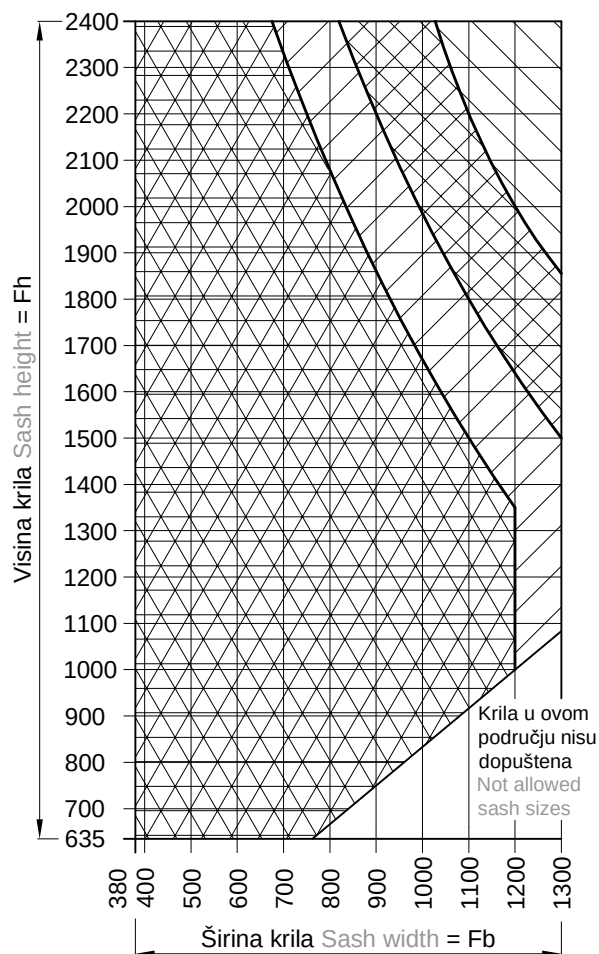
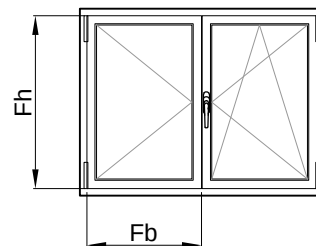
Diagram for selection of allowed sash size
for weight of **100 Kg**



- DIJAGRAM ZA POMOĆNO KRILO OTKLOPNO-ZAOKRETNOG MEHANIZAMA - "EUGEN NOTTER AL 2000"
- DIAGRAM FOR AUXILIARY SASH OF TILT-TURN MECHANISM - "EUGEN NOTTER AL 2000"

Dijagram za izbor dopuštene visine pomoćnog krila maksimalna težina krila **100kg**

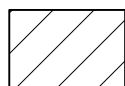
Diagram for selection of allowed height of auxiliary sash maximal weight **100kg**



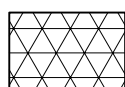
30kg/m²



40kg/m²



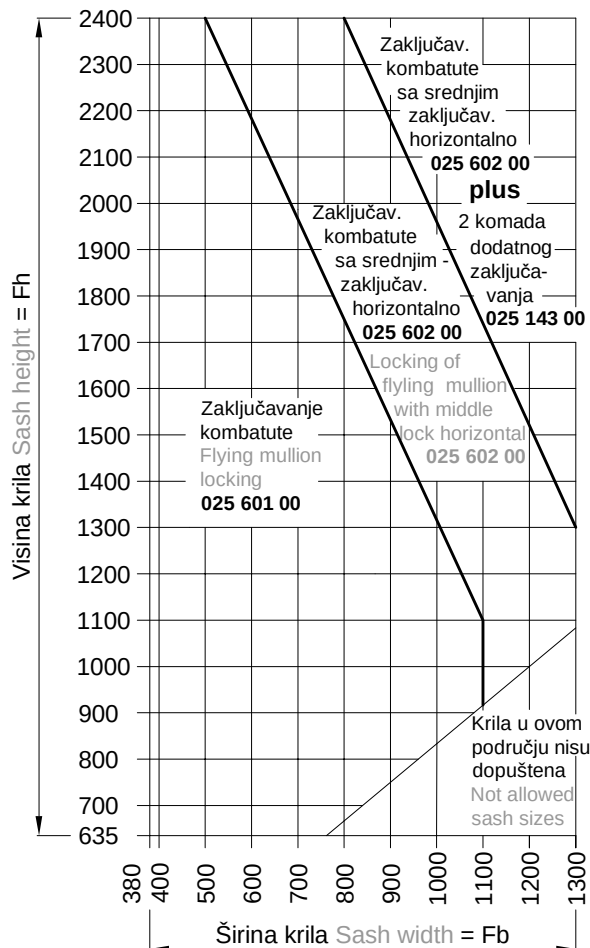
50kg/m²



60kg/m²

Težina ispunje
Infill weight

Dijagram za izbor varijante okova
Diagram for selection of hardware



Locking of
flying
mullion with
middle lock
horizontal
025 602 00
plus
2 pieces
extra locking
025 143 00

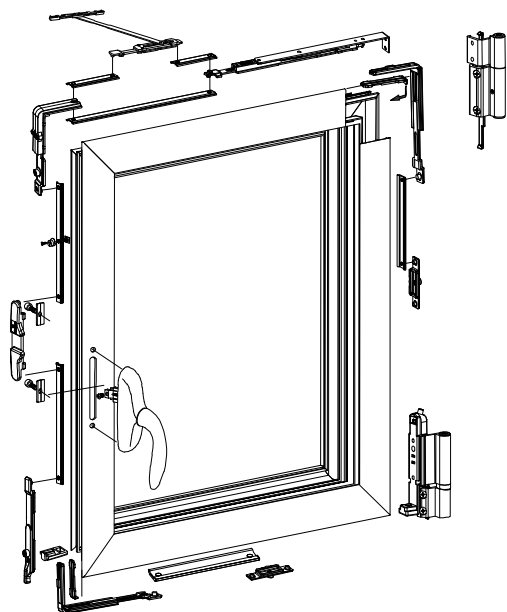
134.025.xx - OTKLOPNO-ZAOKRETNI MEHANIZAM - STUBLINA (4035)

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

Maksimalna težina krila 100 kg
Maximum sash weight 100 kg

Tabela nosivosti za:
Table of loads:

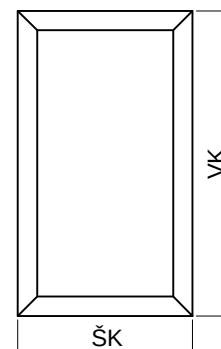
4030.00, 4035.00
4031.00, 4036.00
4032.00, 4037.00
4033.00, 4038.00



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



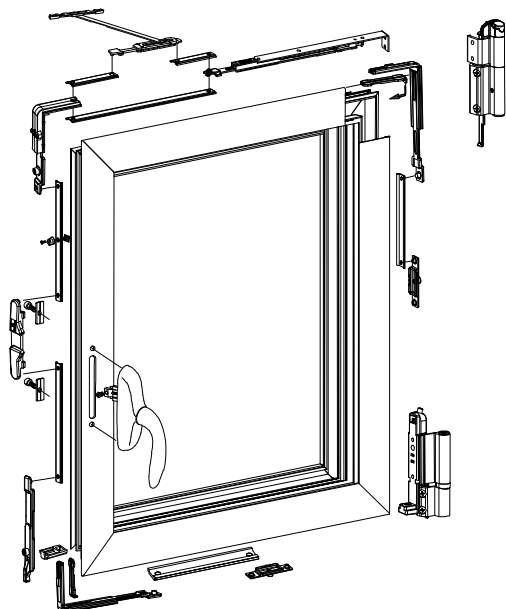
Debljina stakla
Glass thickness

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

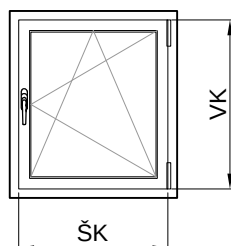


Debljina stakla (mm)
Glass thickness (mm)

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



Maksimalna
težina krila **130 kg**
Maximum
sash weight **130 kg**

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

	3000	130	130	130	130	130	130	130	130	130	130	130	130	130	130	x
	2900	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
	2800	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
	2700	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
	2600	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
	2500	140	140	140	140	140	140	140	140	140	140	140	140	140	130	
	2400	140	140	140	140	140	140	140	140	140	140	140	140	140	130	
	2300	140	140	140	140	140	140	140	140	140	140	140	140	140	130	
	2200	140	140	140	140	140	140	140	140	140	140	140	140	140	130	
	2100	140	140	140	140	140	140	140	140	140	140	140	140	140	130	
	2000	140	140	140	140	140	140	140	140	140	140	140	140	139	125	
	1900	140	140	140	140	140	140	140	140	140	140	140	140	132	118	
	1800	140	140	140	140	140	140	140	140	140	140	140	133	125	112	
	1700	140	140	140	140	140	140	140	140	140	134	126	118	118	118	
	1600	140	140	140	140	140	140	140	140	135	126	118	111	105		
	1500	140	140	140	140	140	140	140	137	127	118	111	104	99		
	1400	140	140	140	140	140	140	138	127	118	110	104	97	x	x	
	1300	140	140	140	140	140	140	128	118	110	103	96	x	x	x	
	1200	140	140	140	140	140	129	118	109	101	95	x	x	x	x	
	1100	140	140	140	140	130	118	108	100	93	x	x	x	x	x	
	1000	140	140	140	140	131	118	108	99	91	x	x	x	x	x	
	900	140	140	140	133	118	106	97	89	x	x	x	x	x	x	
	800	140	140	135	118	105	95	86	x	x	x	x	x	x	x	
600	700	140	138	118	104	92	83	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

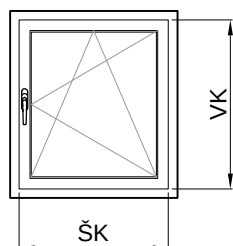
☒ **Neizvedivo / Unfeasible**

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) 5k(mm)	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	

350

☒ Neizvedivo / Unfeasible

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

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

		Maksimalna debljina stakla (mm) Maximum glass thickness (mm)										
600	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
VK(mm) ŠK(mm)		500	600	700	800	900	1000	1100	1200	1300	1400	1500
		445										
		x Neizvedivo / Unfeasible										

		Maksimalna težina krila (kg) Maximum sash weight (kg)										
600	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
	700	100	100	87	76	67	61	x	x	x	x	x
VK(mm) ŠK(mm)		500	600	700	800	900	1000	1100	1200	1300	1400	1500
		445										
		x Neizvedivo / Unfeasible										

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

600	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
VK(mm) ŠK(mm)		500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
		470											
		x Neizvedivo / Unfeasible											

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

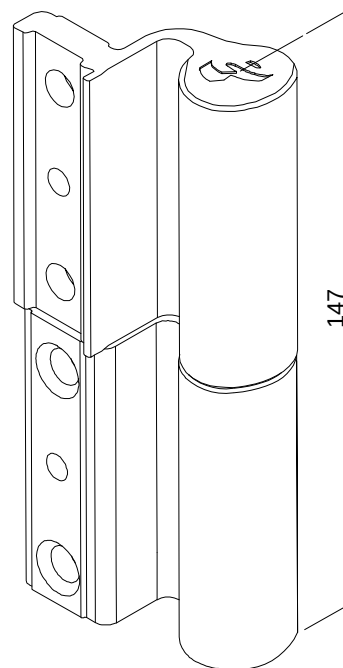
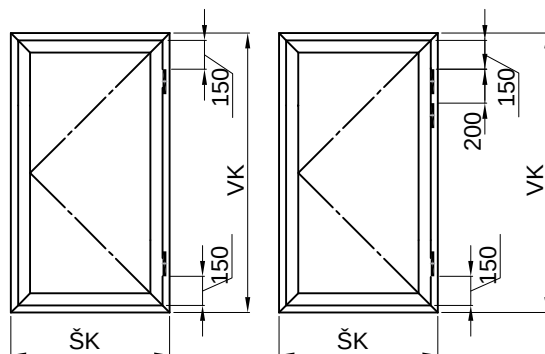
600	2800	124	124	124	124	124	124	124	124	124	124	124	x
	2700	126	126	126	126	126	126	126	126	126	126	126	x
	2600	128	128	128	128	128	128	128	128	128	128	128	128
	2500	130	130	130	130	130	130	130	130	130	130	130	130
	2400	130	130	130	130	130	130	130	130	130	130	130	130
	2300	130	130	130	130	130	130	130	130	130	130	130	130
	2200	130	130	130	130	130	130	130	130	130	130	130	130
	2100	130	130	130	130	130	130	130	130	130	130	130	130
	2000	130	130	130	130	130	130	130	130	130	130	130	130
	1900	130	130	130	130	130	130	130	130	130	130	130	130
	1800	130	130	130	130	130	130	130	130	130	130	130	130
	1700	130	130	130	130	130	130	130	130	130	130	130	127
	1600	130	130	130	130	130	130	130	130	130	130	127	119
	1500	130	130	130	130	130	130	130	130	130	128	119	112
	1400	130	130	130	130	130	130	130	130	129	119	111	104
	1300	130	130	130	130	130	130	130	130	119	111	103	97
	1200	130	130	130	130	130	130	130	129	110	102	95	x
	1100	130	130	130	130	130	130	119	109	101	94	x	x
	1000	130	130	130	130	130	119	108	99	92	x	x	x
	900	130	130	130	130	119	107	98	90	x	x	x	x
	800	130	130	130	119	106	95	87	x	x	x	x	x
	700	130	130	119	104	93	84	x	x	x	x	x	x
VK(mm) ŠK(mm)		500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
		470											
		x Neizvedivo / Unfeasible											

- TABLICE NOSIVOSTI ŠARKI - TABLE OF LOADS FOR HINGES

Tablica nosivosti šarke 114.001.xx (Stublina)
Table of loads for hinges 114.001.xx (Stublina)

2800	90	90	90	90	90	90	90	90	90	80	71	67	62
	100	100	100	100	100	100	100	100	100	90	80	76	70
2700	90	90	90	90	90	90	90	90	90	76	67	62	58
	100	100	100	100	100	100	100	100	100	86	76	70	66
2600	90	90	90	90	90	90	90	90	80	71	67	58	57
	100	100	100	100	100	100	100	100	90	80	76	66	63
2500	90	90	90	90	90	90	90	90	76	67	62	58	55
	100	100	100	100	100	100	100	100	86	76	70	66	61
2400	90	90	90	90	90	90	90	80	71	65	58	56	54
	100	100	100	100	100	100	100	90	80	72	66	62	60
2300	90	90	90	90	90	90	74	67	62	57	54	52	
	100	100	100	100	100	100	82	76	70	64	60	59	
2200	90	90	90	90	90	80	71	62	58	56	51	49	
	100	100	100	100	100	90	80	70	66	62	58	56	
2100	90	90	90	90	90	74	65	58	56	51	49	47	
	100	100	100	100	100	82	72	66	62	58	56	52	
2000	90	90	90	90	80	69	62	56	54	50	47	45	
	100	100	100	100	90	78	70	62	60	57	52	50	
1900	90	90	90	90	71	62	58	54	49	47	45		
	100	100	100	100	80	70	66	60	56	52	50		
1800	90	90	90	80	67	58	54	51	49	47	45		
	100	100	100	90	76	66	60	58	56	52	50		
1700	90	90	90	71	62	57	51	49	47	45			
	100	100	100	80	70	64	58	56	52	50			
1600	90	90	76	65	58	54	49	47	45				
	100	100	85	72	66	60	56	52	50				
1500	90	90	70	58	54	50	48	45					
	100	100	79	66	60	57	53	50					
1400	90	76	62	56	51	47	45						
	100	86	70	62	58	52	50						
1300	90	68	58	54	49	46							
	100	75	66	60	55	50							
VK	ŠK	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800

Napomena: Ukoliko se ugrade tri šarke po preporuci, nosivost se uvećava za 10%.
Note: If three hinges are used as recommended, the load capability is increased 10%



114.001.xx

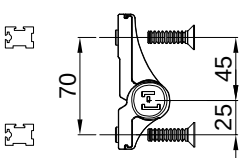
A (kg)



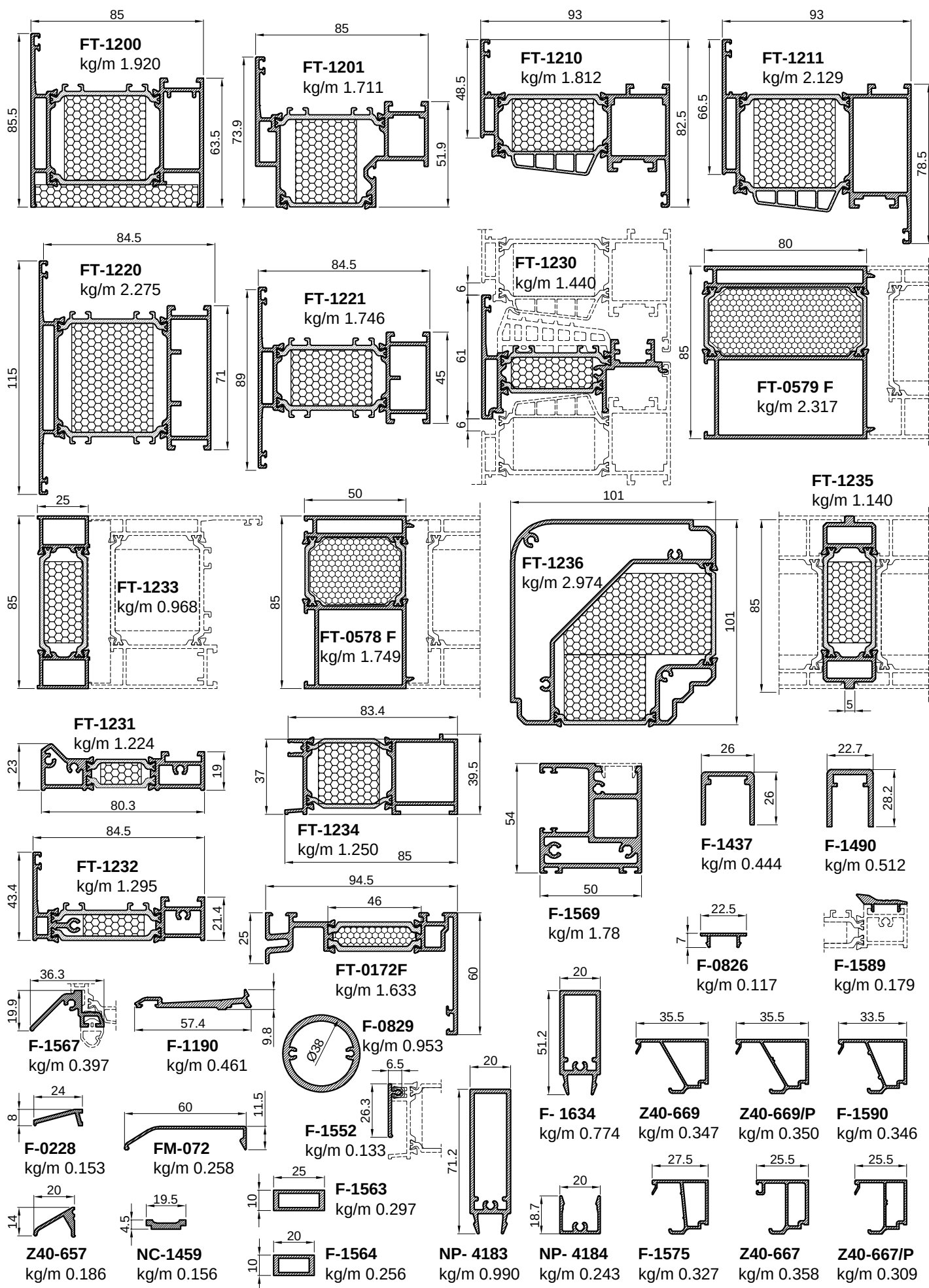
B (kg)

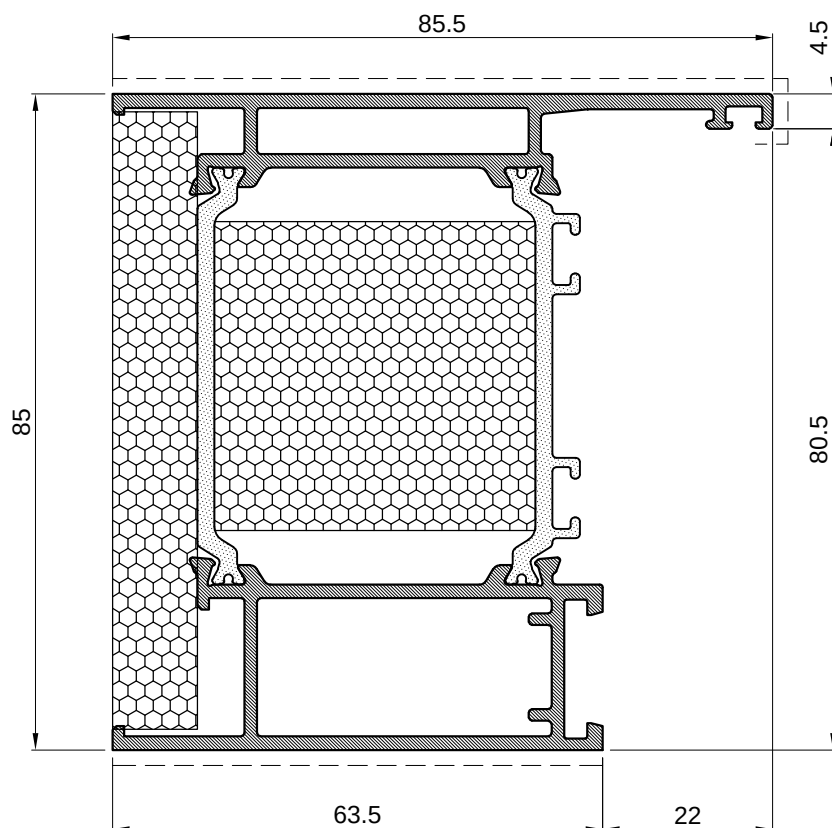
A - javna upotreba sa dvije šarke
A - public use with two hinges
B - privatna upotreba sa dvije šarke
B - private use with two hinge

Tablica nosivosti šarke 113.009.xx (ALU-B)
Table of loads for hinges 113.009.xx (ALU-B)

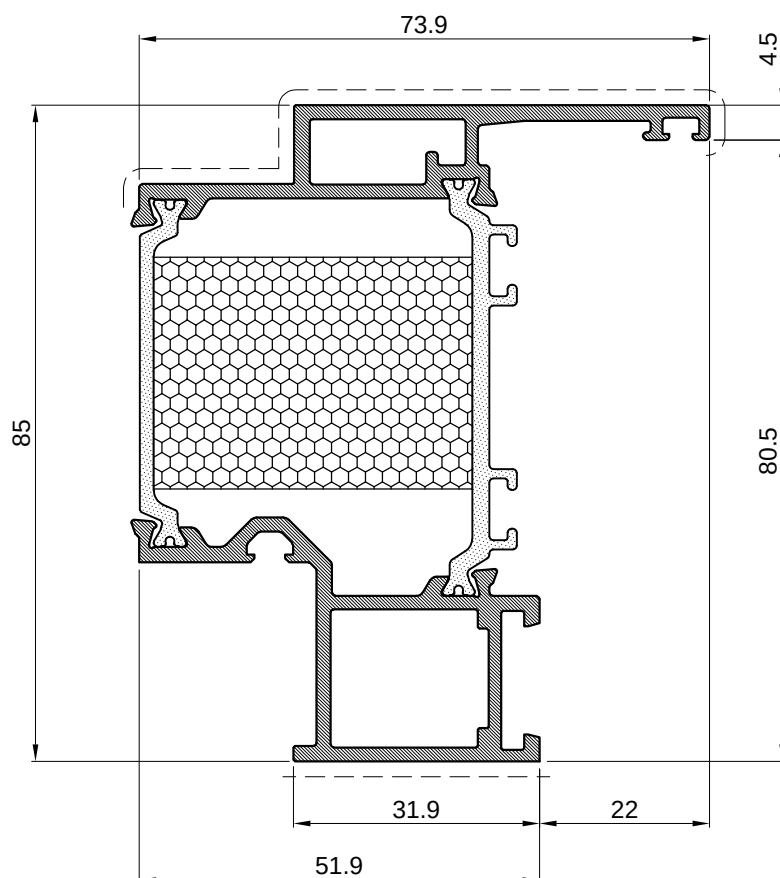
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Nosivost / Load	
			2 šarke 2 hinges	3 šarke 3 hinges
113.009.01 02 03		- Dvodijelna šarka OSNO 70 - Oznaka proizvođača ALU-B: Max3D 70 - Boje: 01- bijela; 02 - siva; 03 - crna - Two-part hinge OSNO 70 - Manufacturer code ALU-B: Max3D 70 - Color: 01- white; 02 - gray; 03 - black	120 kg	160 kg

Profili Profiles

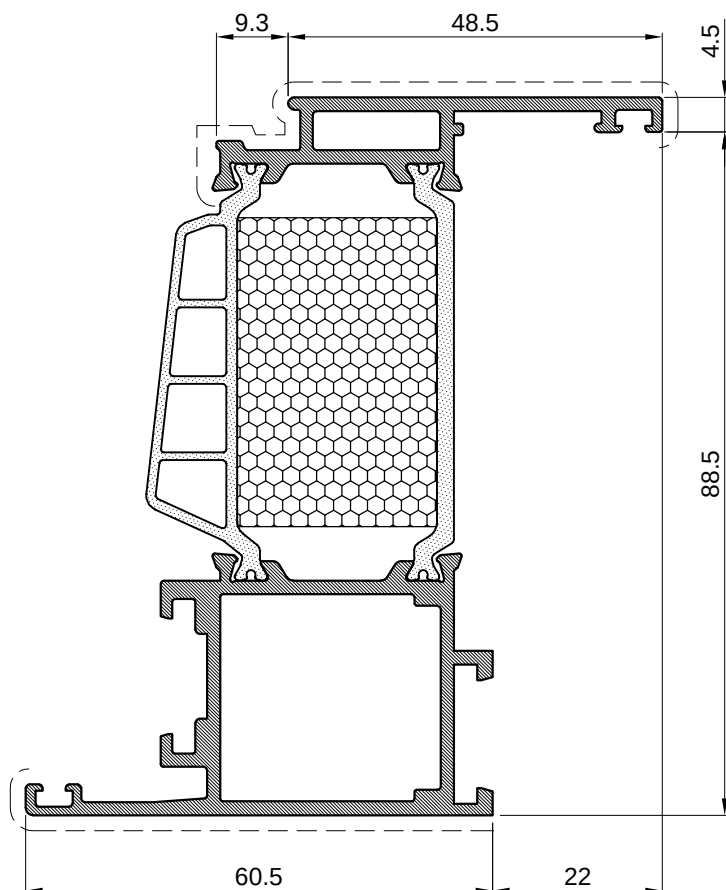




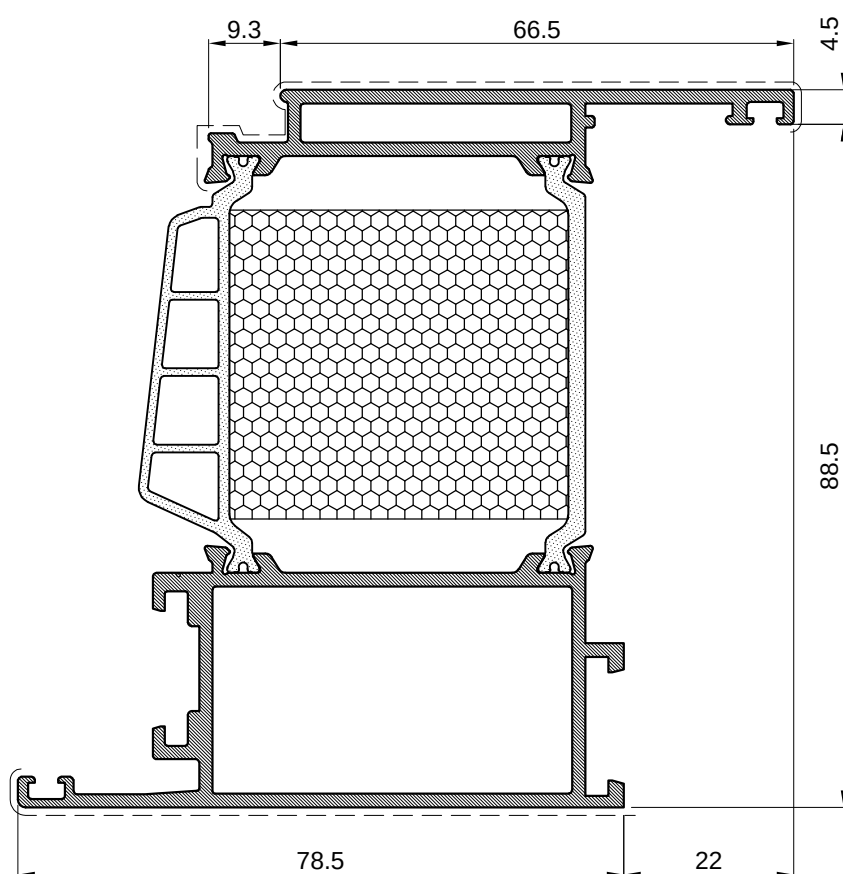
Profil rama Frame profile		
Art.Br. Art.Nr.	FT-1200	
Težina Weight	kg/m'	1.920
Opseg Perimeter	mm	479.8
Moment inercije Moments of inertia	Ix (cm4)	54.47
	Iy (cm4)	26.13
	Wx (cm3)	16.93
	Wy (cm3)	5.51
L	mm	6500



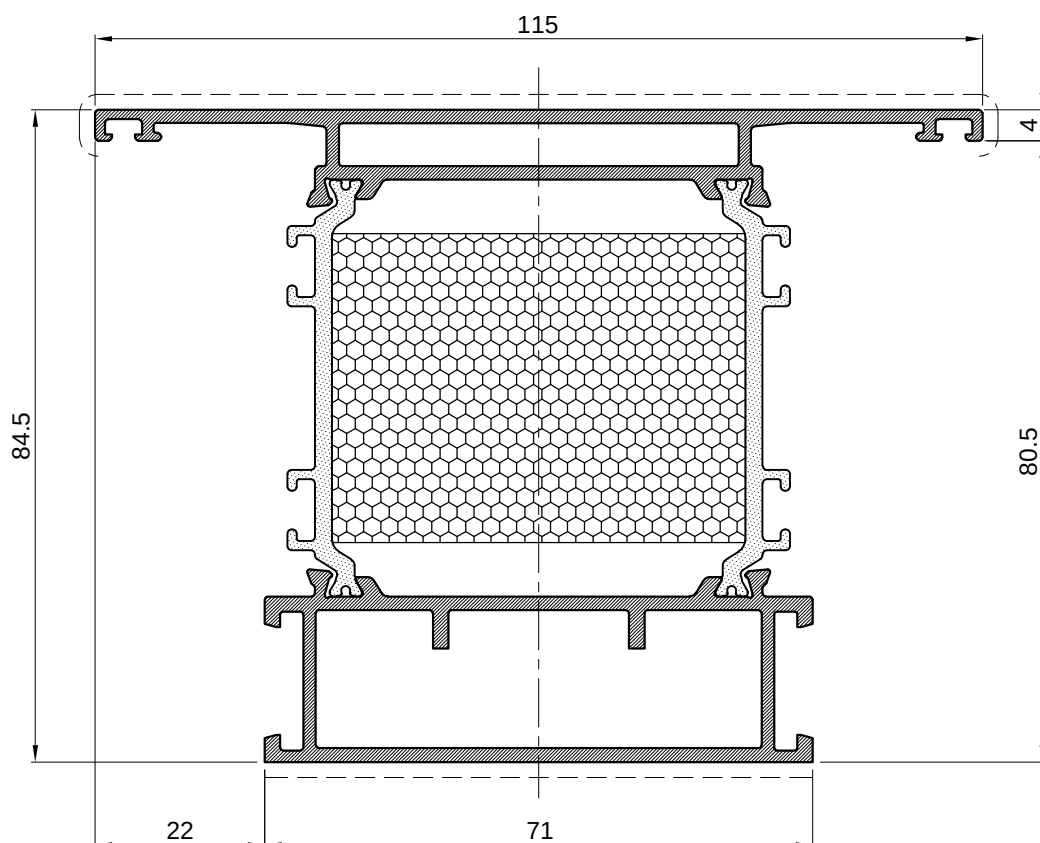
Profil rama-spoj sa fasadom Curtain wall frame		
Art.Br. Art.Nr.	FT-1201	
Težina Weight	kg/m'	1.711
Opseg Perimeter	mm	417.6
Moment inercije Moments of inertia	Ix (cm4)	40.15
	Iy (cm4)	15.78
	Wx (cm3)	12.15
	Wy (cm3)	3.80
L	mm	6500



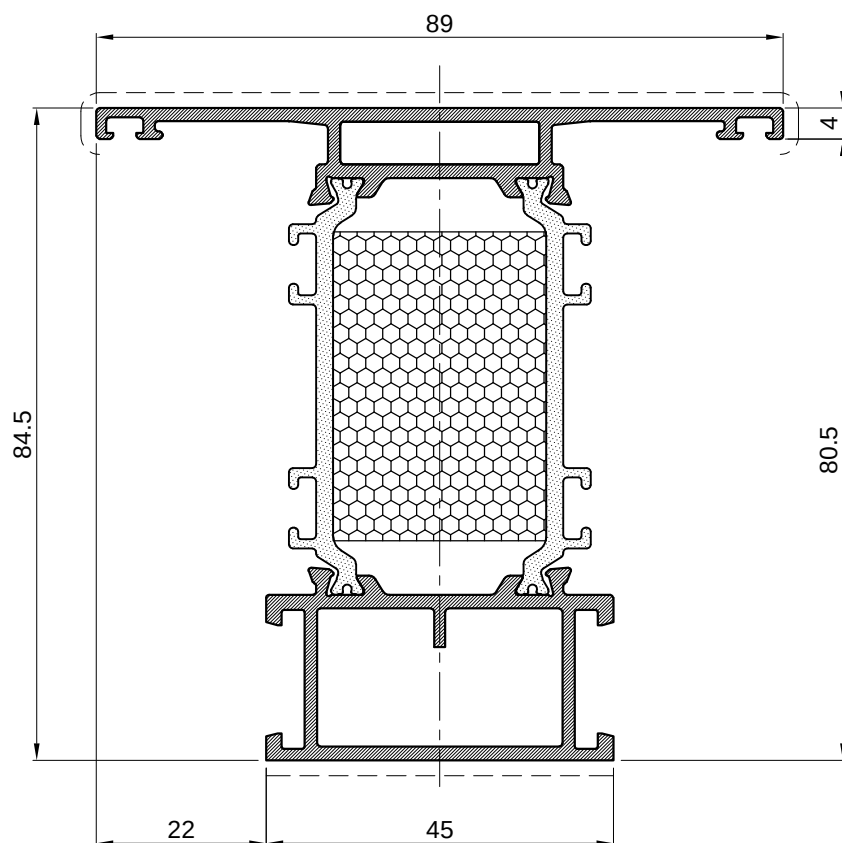
Profil krila Sash profile		
Art.Br. Art.Nr.	FT-1210	
Težina Weight	kg/m'	1.812
Opseg Perimeter	mm	458.10
Moment inercije Moments of inertia	Ix (cm4)	54.16
	Iy (cm4)	17.16
	Wx (cm3)	14.47
	Wy (cm3)	4.1
L	mm	6500



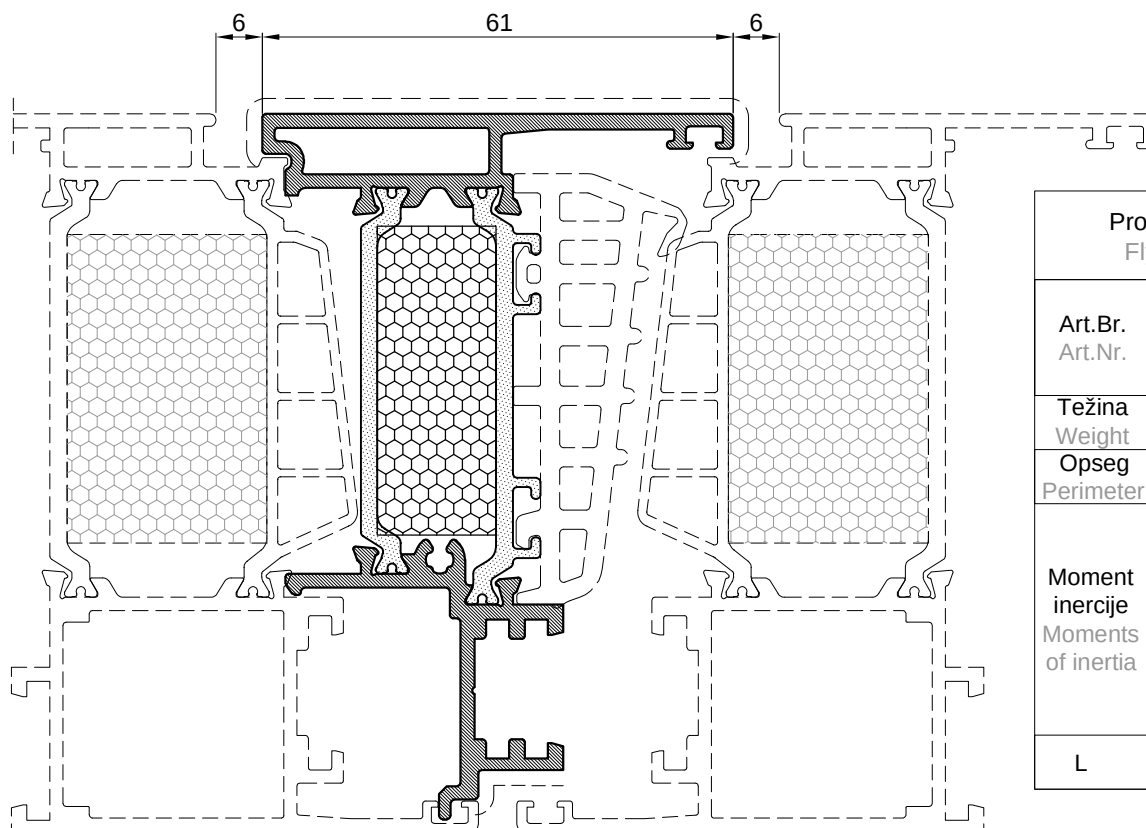
Profil krila Sash profile		
Art.Br. Art.Nr.	FT-1211	
Težina Weight	kg/m'	2.129
Opseg Perimeter	mm	507.28
Moment inercije Moments of inertia	Ix (cm4)	67.82
	Iy (cm4)	36.52
	Wx (cm3)	19.03
	Wy (cm3)	7.15
L	mm	6500



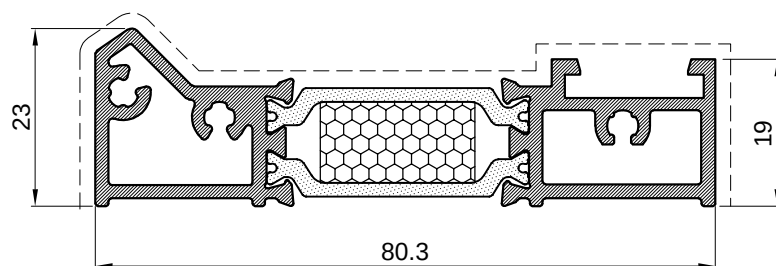
Profil prečke Window crossbar		
Art.Br. Art.Nr.	FT-1220	
Težina Weight	kg/m'	2.275
Opseg Perimeter	mm	563.6
Moment inercije Moments of inertia	Ix (cm4)	63.60
	Iy (cm4)	50.62
	Wx (cm3)	19.51
	Wy (cm3)	8.80
L	mm	6500



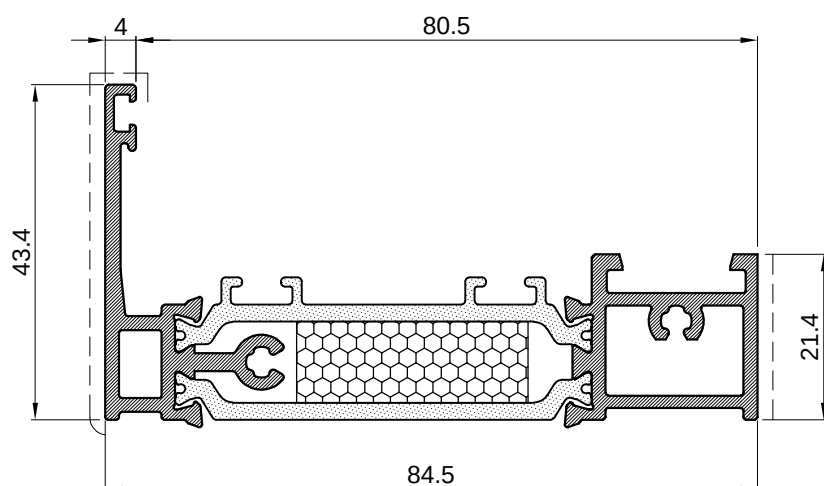
Profil prečke Window crossbar		
Art.Br. Art.Nr.	FT-1221	
Težina Weight	kg/m'	1.746
Opseg Perimeter	mm	533
Moment inercije Moments of inertia	Ix (cm4)	46.34
	Iy (cm4)	18.73
	Wx (cm3)	13.93
	Wy (cm3)	4.21
L	mm	6500



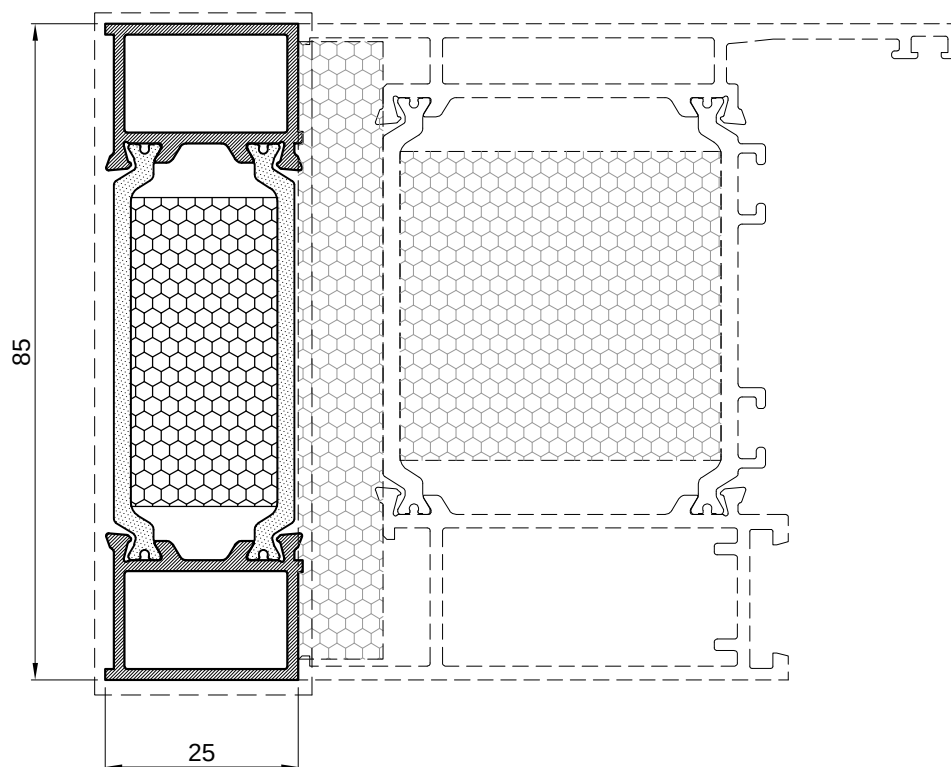
Profil kombatute Flying mullion		
Art.Br. Art.Nr.	FT-1230	
Težina Weight	kg/m'	1.440
Opseg Perimeter	mm	443.8
Moment inercije Moments of inertia	Ix (cm ⁴)	34.54
	Iy (cm ⁴)	8.02
	Wx (cm ³)	8.50
	Wy (cm ³)	2.25
L	mm	6500



Profil praga Threshold profile		
Art.Br. Art.Nr.	FT-1231	
Težina Weight	kg/m'	1.224
Opseg Perimeter	mm	244.8
L	mm	6500

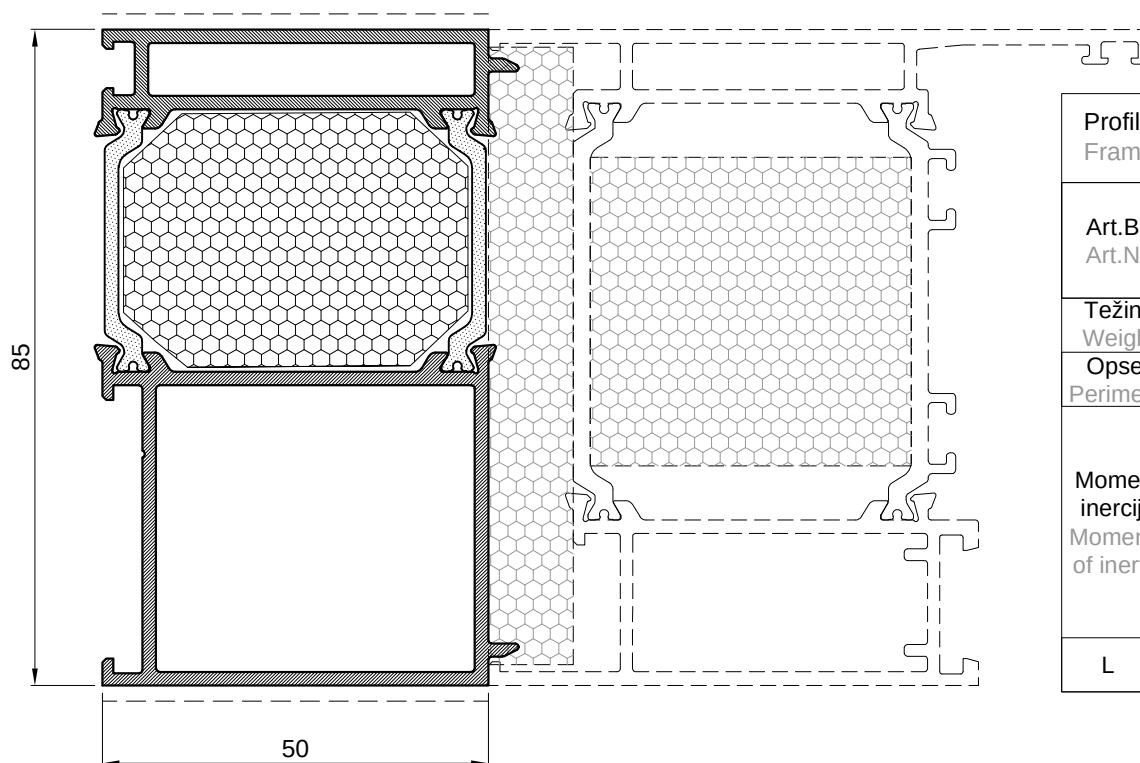


Profil praga Threshold profile		
Art.Br. Art.Nr.	FT-1232	
Težina Weight	kg/m'	1.295
Opseg Perimeter	mm	359.4
L	mm	6500



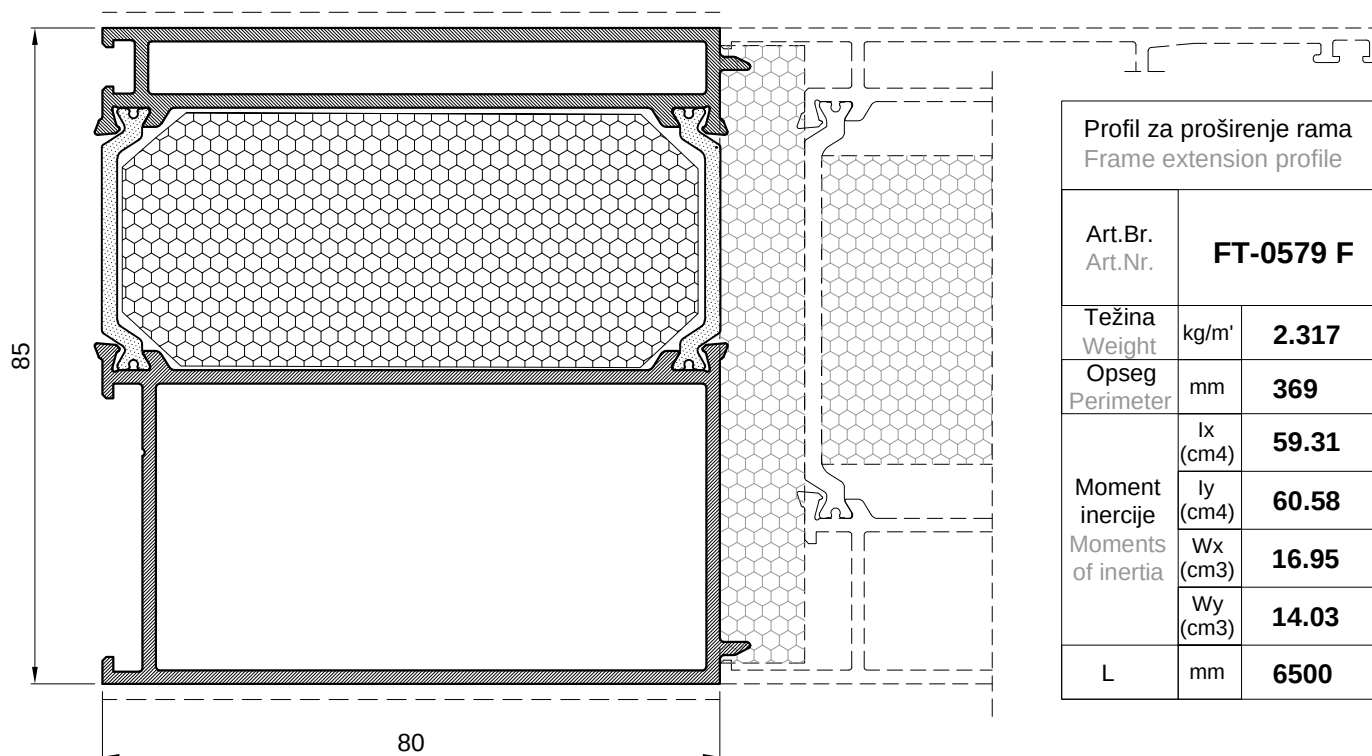
Profil za proširenje rama
Frame extension profile

Art.Br. Art.Nr.	FT-1233	
Težina Weight	kg/m'	0.968
Opseg Perimeter	mm	245
Moment inerccije Moments of inertia	Ix (cm4)	21.04
	Iy (cm4)	2.02
	Wx (cm3)	6.96
	Wy (cm3)	1.56
L	mm	6500



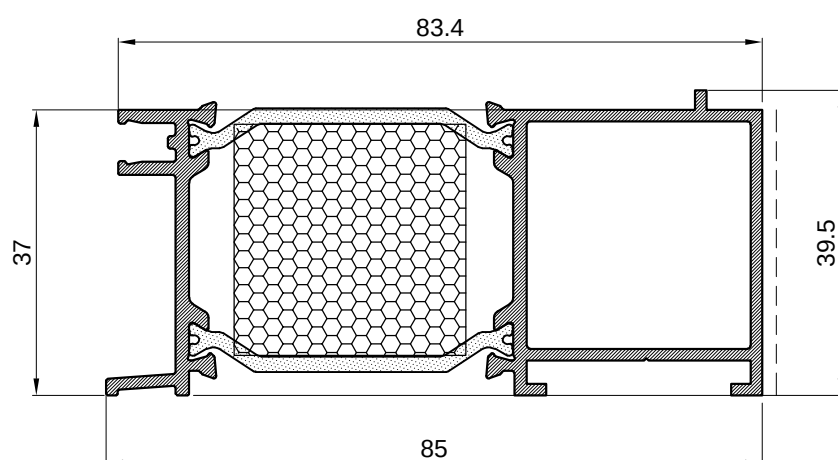
Profil za proširenje rama
Frame extension profile

Art.Br. Art.Nr.	FT-0578 F	
Težina Weight	kg/m'	1.749
Opseg Perimeter	mm	309
Moment inerccije Moments of inertia	Ix (cm4)	41.85
	Iy (cm4)	18.21
	Wx (cm3)	12.32
	Wy (cm3)	6.50
L	mm	6500



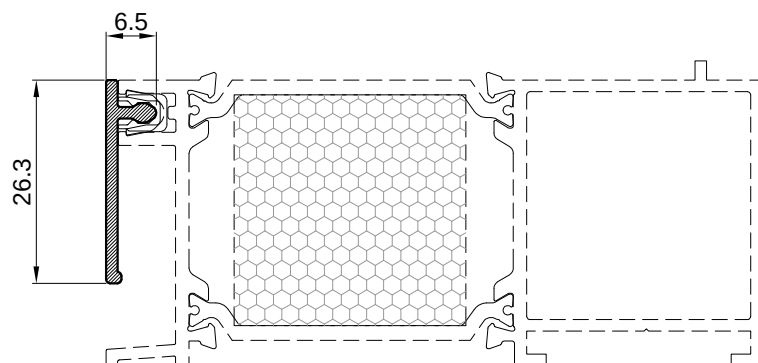
Profil za proširenje rama
Frame extension profile

Art.Br. Art.Nr.	FT-0579 F	
Težina Weight	kg/m'	2.317
Opseg Perimeter	mm	369
Moment inercije Moments of inertia	Ix (cm4)	59.31
	Iy (cm4)	60.58
	Wx (cm3)	16.95
	Wy (cm3)	14.03
L	mm	6500



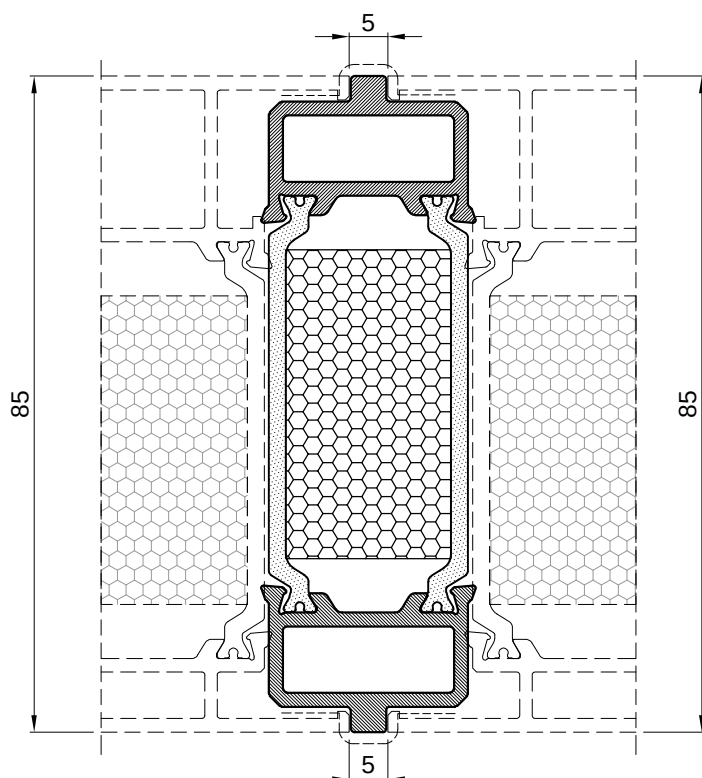
Profil za proširenje
Extension profile

Art.Br. Art.Nr.	FT-1234	
Težina Weight	kg/m'	1.250
Opseg Perimeter	mm	325.4
Moment inercije Moments of inertia	Ix (cm4)	6.57
	Iy (cm4)	32.95
	Wx (cm3)	3.28
	Wy (cm3)	7.1
L	mm	6500

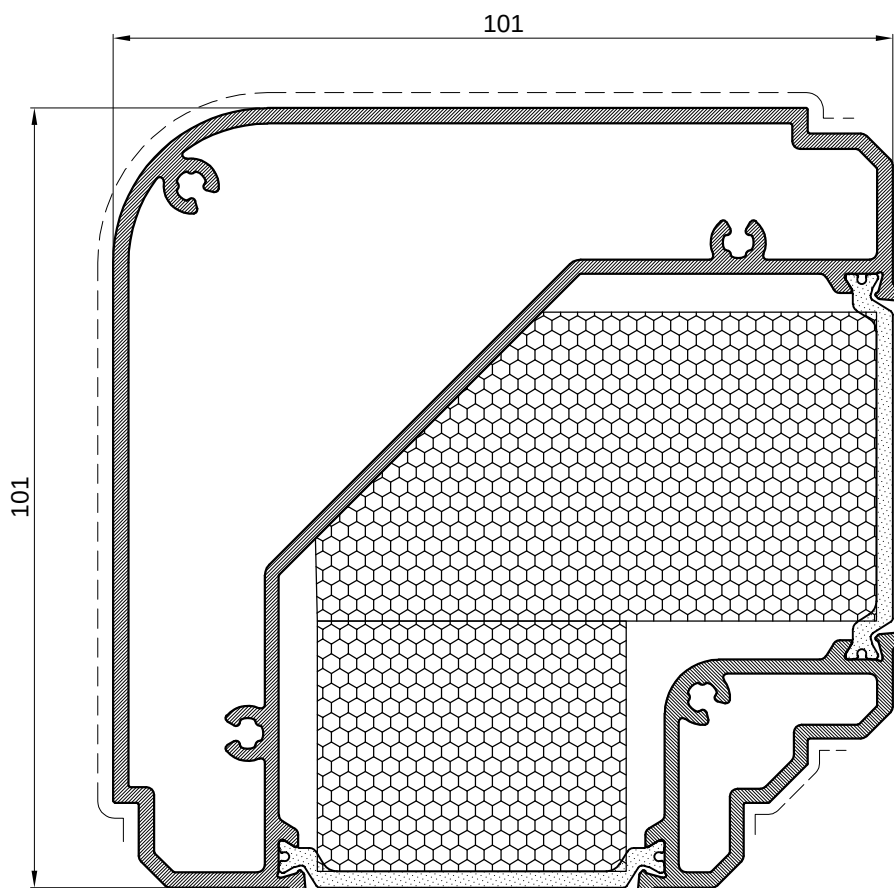


Profil maska
Profile mask

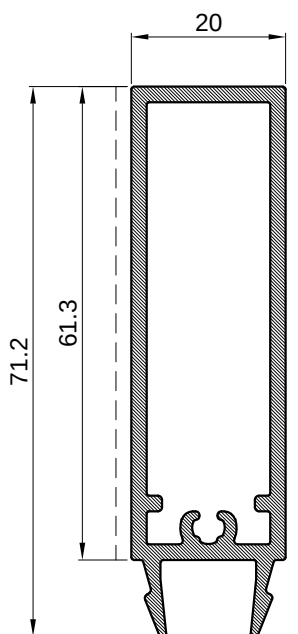
Art.Br. Art.Nr.	F-1552	
Težina Weight	kg/m'	0.133
Opseg Perimeter	mm	66
L	mm	6500



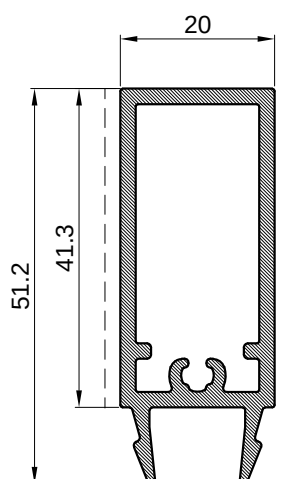
Vezni profil Connection profile		
Art.Br. Art.Nr.	FT-1235	
Težina Weight	kg/m'	1.140
Opseg Perimeter	mm	235
Moment inercije Moments of inertia	Ix (cm ⁴)	25.16
	Iy (cm ⁴)	2.38
	Wx (cm ³)	8.35
	Wy (cm ³)	1.71
L	mm	6500



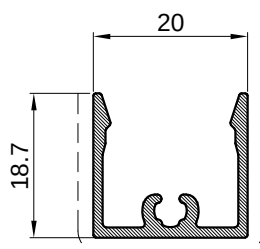
Profil za spoj pod kutem Profile for angle joint		
Art.Br. Art.Nr.	FT-1236	
Težina Weight	kg/m'	2.974
Opseg Perimeter	mm	401.2
Moment inercije Moments of inertia	Ix (cm ⁴)	115.48
	Iy (cm ⁴)	126.59
	Wx (cm ³)	23.21
	Wy (cm ³)	23.20
L	mm	6500



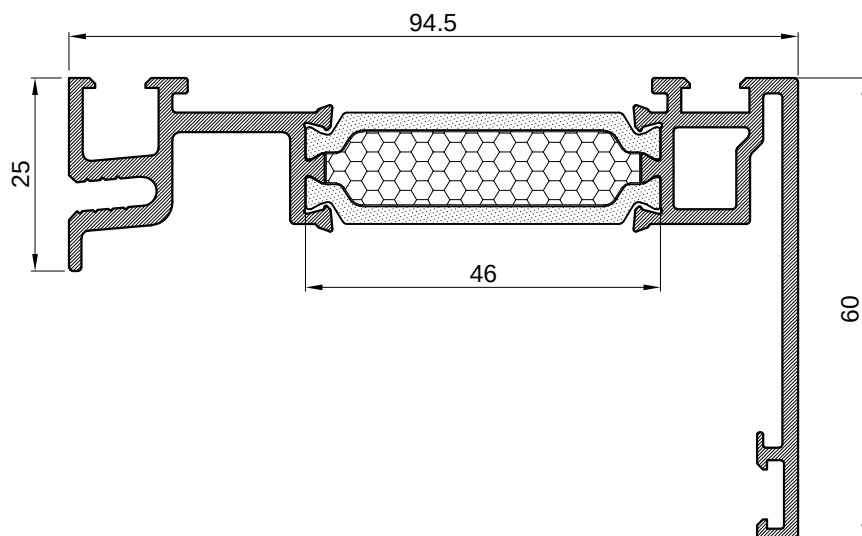
Profil ojačanja prečke Window crossbar reinforcement		
Art.Br. Art.Nr.	NP- 4183	
Težina Weight	kg/m'	0.990
Opseg Perimeter	mm	200
Moment inercije Moments of inertia	Ix (cm4)	18.21
	Iy (cm4)	2.34
	Wx (cm3)	5.11
	Wy (cm3)	2.34
L	mm	6500



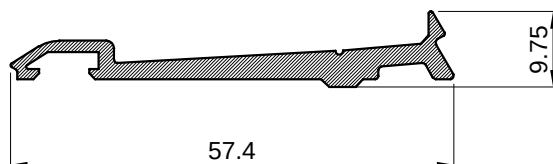
Profil ojačanja prečke Window crossbar reinforcement		
Art.Br. Art.Nr.	F- 1634	
Težina Weight	kg/m'	0.774
Opseg Perimeter	mm	159.9
Moment inercije Moments of inertia	Ix (cm4)	7,06
	Iy (cm4)	1,69
	Wx (cm3)	2,69
	Wy (cm3)	1,69
L	mm	6500



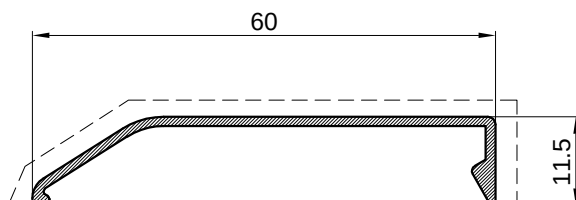
Maska profila ojačanja Reinforcement profile mask		
Art.Br. Art.Nr.	NP-4184	
Težina Weight	kg/m'	0.243
Opseg Perimeter	mm	129
L	mm	6500



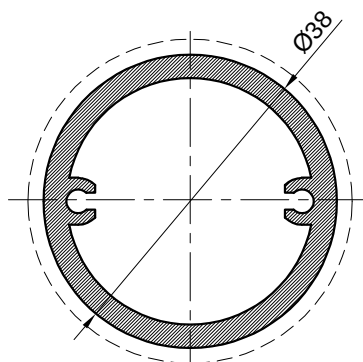
Profil za ugradnju Installation profile		
Art.Br. Art.Nr.	F-0172F	
Težina Weight	kg/m'	1.633
Opseg Perimeter	mm	488
L	mm	6500



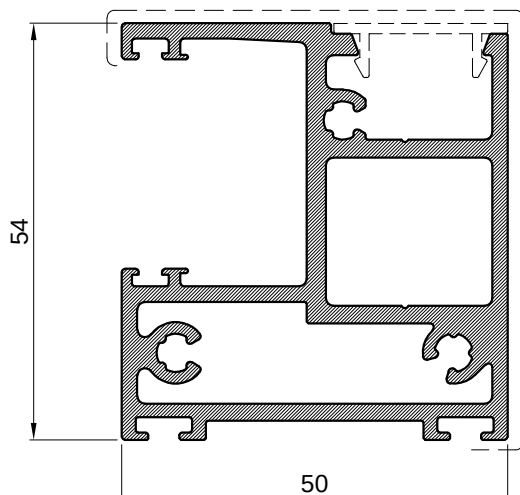
Profil za ugradnju Installation profile		
Art.Br. Art.Nr.	F-1190	
Težina Weight	kg/m'	0.461
Opseg Perimeter	mm	145
L	mm	6500



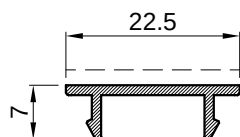
Profil za ugradnju Installation profile		
Art.Br. Art.Nr.	FM-072	
Težina Weight	kg/m'	0.258
Opseg Perimeter	mm	152
L	mm	6500



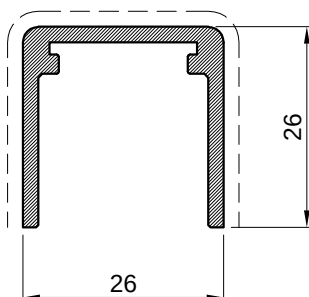
Profil rukohvata vrata Door handle profile		
Art.Br. Art.Nr.	F-0829	
Težina Weight	kg/m'	0.953
Opseg Perimeter	mm	119
L	mm	6500



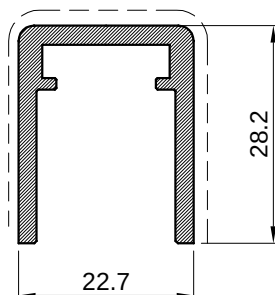
Profil francuskog balkona French balcony profile		
Art.Br. Art.Nr.	F-1569	
Težina Weight	kg/m'	1.78
Opseg Perimeter	mm	357
L	mm	6500



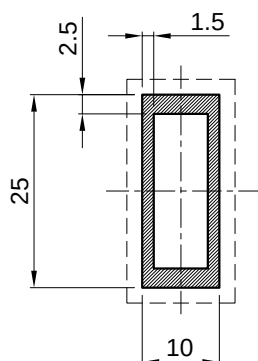
Pokrivni profil Cover profile		
Art.Br. Art.Nr.	F-0826	
Težina Weight	kg/m'	0.117
Opseg Perimeter	mm	70
L	mm	6500



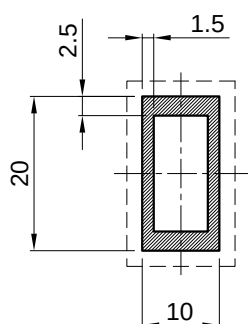
Profil rukovata za 1010.4 Handrail profile for 1010.4		
Art.Br. Art.Nr.	F-1437	
Težina Weight	kg/m'	0.444
Opseg Perimeter	mm	154
L	mm	6500



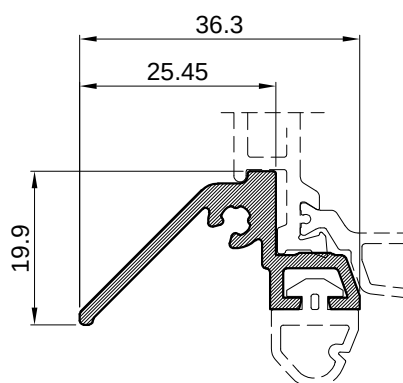
Profil rukovata za 88.4 Handrail profile for 88.4		
Art.Br. Art.Nr.	F-1490	
Težina Weight	kg/m'	0.512
Opseg Perimeter	mm	158
L	mm	6500



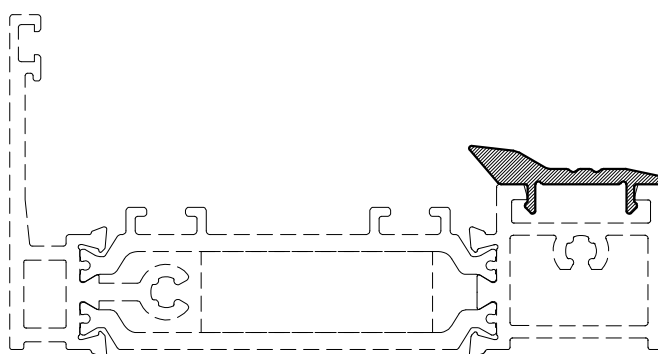
Umetak za otvore Insert for openings		
Art.Br. Art.Nr.	F-1563	
Težina Weight	kg/m'	0.297
Opseg Perimeter	mm	70
L	mm	6500



Umetak za otvore Insert for openings		
Art.Br. Art.Nr.	F-1564	
Težina Weight	kg/m'	0.256
Opseg Perimeter	mm	59.66
L	mm	6500

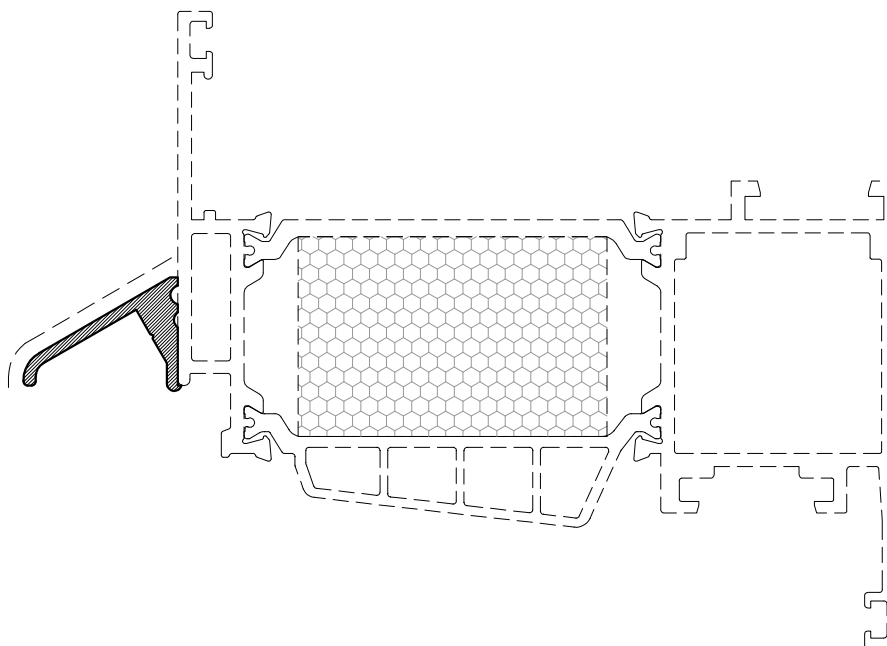


Profil okapnice Drip cap profile		
Art.Br. Art.Nr.	F-1567	
Težina Weight	kg/m'	0.397
Opseg Perimeter	mm	145.5
L	mm	6500

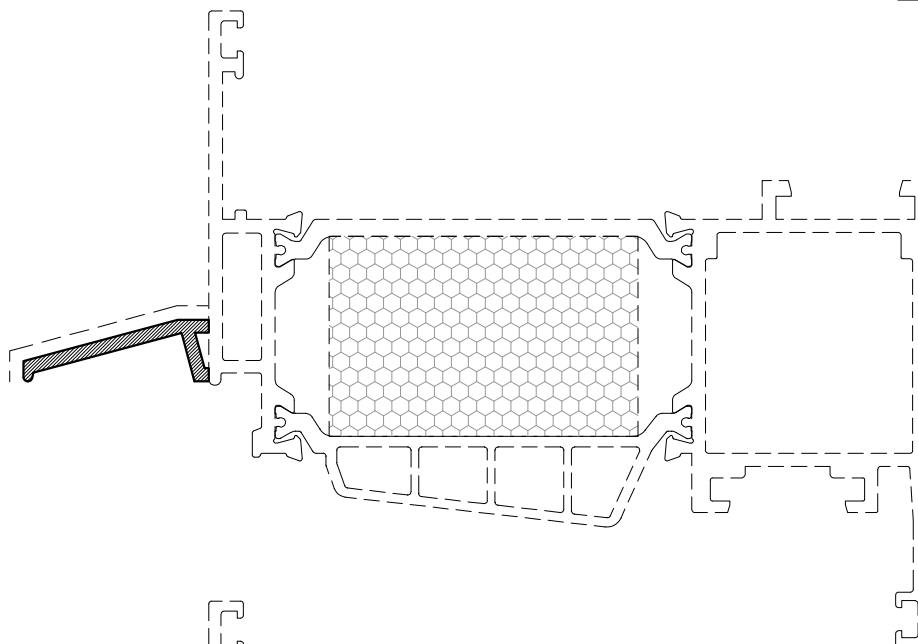


Profil maske Profile masks		
Art.Br. Art.Nr.	F-1589	
Težina Weight	kg/m'	0.179
Opseg Perimeter	mm	69.9
L	mm	6500

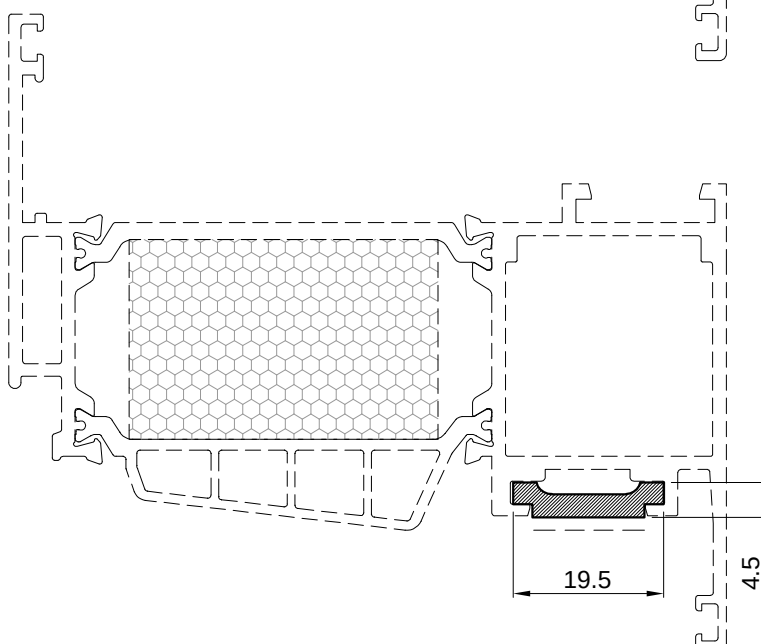
Profil okapnice Drip cap profile		
Art.Br. Art.Nr.	Z40-657	
Težina Weight	kg/m'	0.186
Opseg Perimeter	mm	73
L	mm	6500

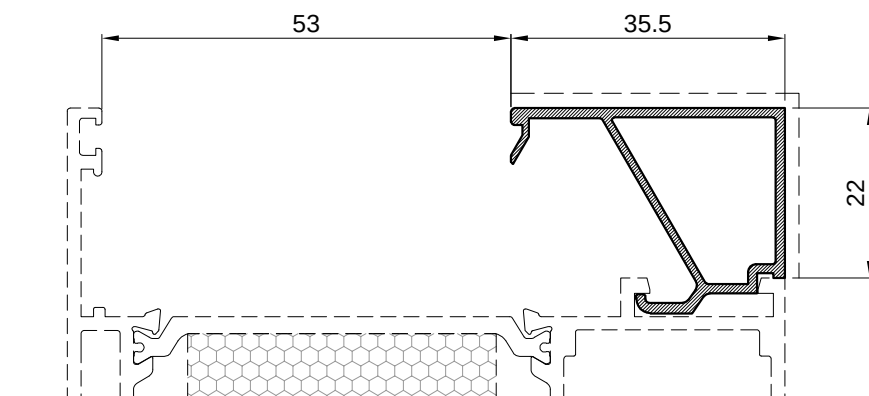


Profil okapnice Drip cap profile		
Art.Br. Art.Nr.	F-0228	
Težina Weight	kg/m'	0.153
Opseg Perimeter	mm	68
L	mm	6500

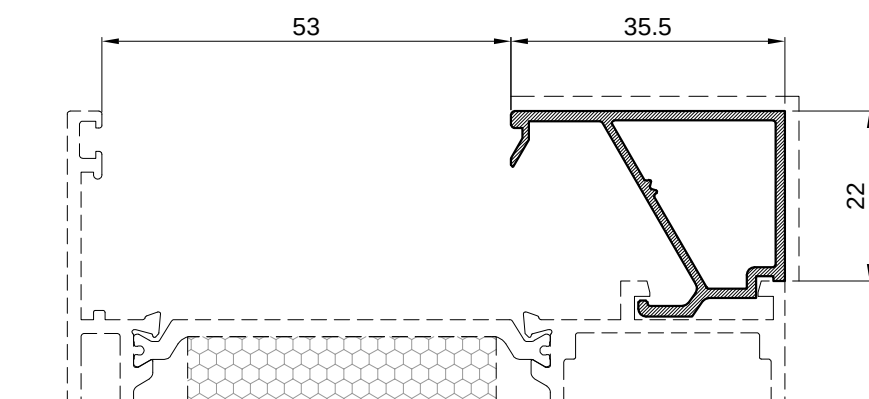


Profil klizača Slide profile		
Art.Br. Art.Nr.	NC-1459	
Težina Weight	kg/m'	0.156
Opseg Perimeter	mm	51
L	mm	6500

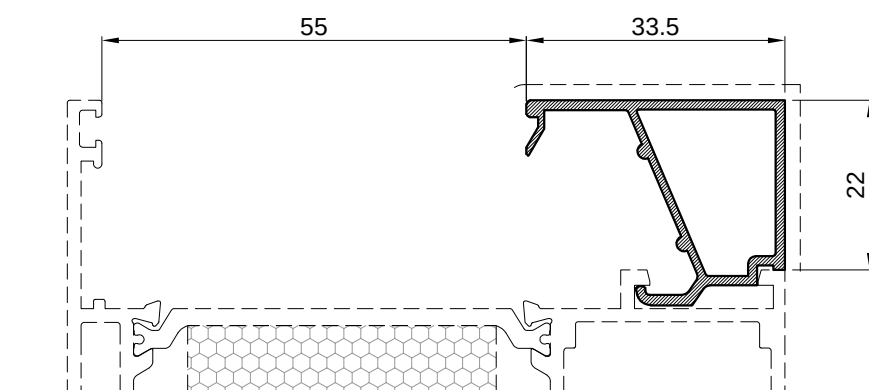




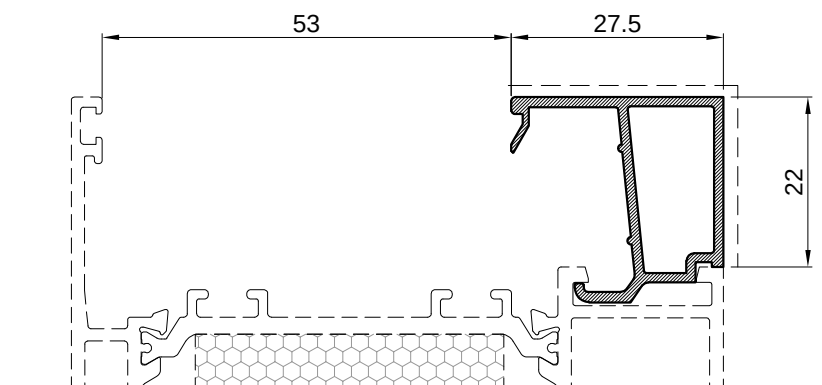
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-669	
Težina Weight	kg/m'	0.347
Opseg Perimeter	mm	143
L	mm	6500



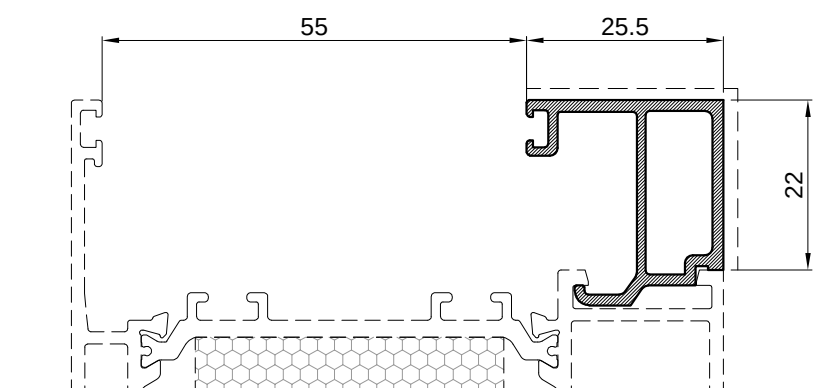
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-669/P	
Težina Weight	kg/m'	0.350
Opseg Perimeter	mm	142
L	mm	6500



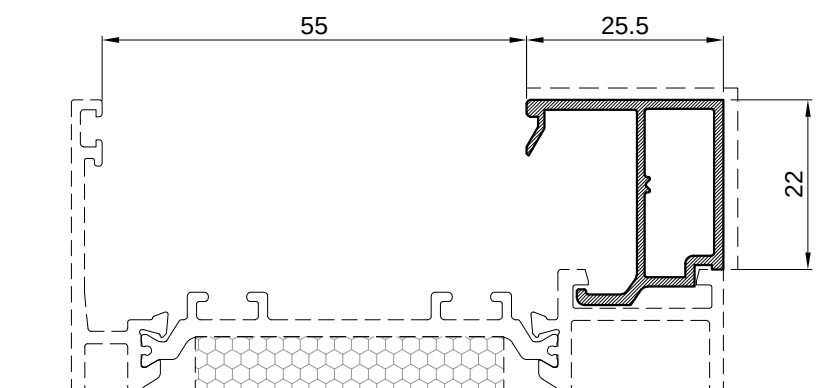
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	F-1590	
Težina Weight	kg/m'	0.346
Opseg Perimeter	mm	142.75
L	mm	6500



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



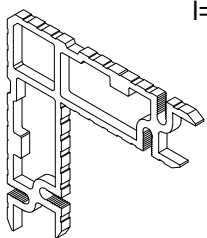
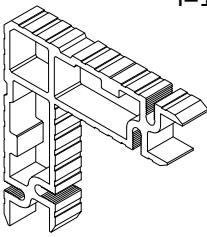
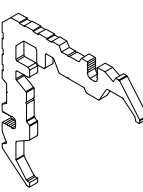
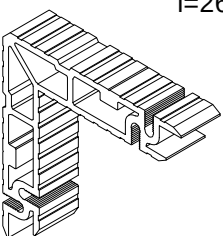
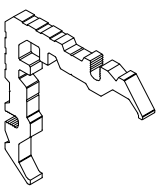
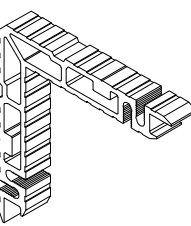
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-667	
Težina Weight	kg/m'	0.358
Opseg Perimeter	mm	139
L	mm	6500

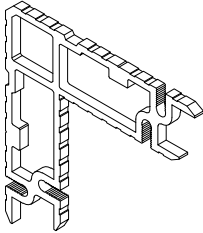
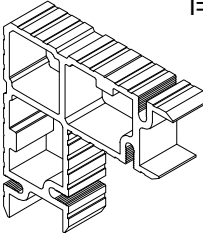
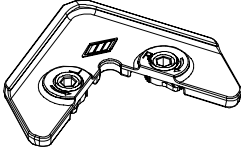
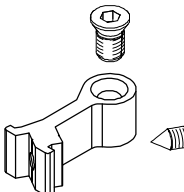


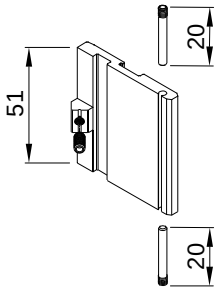
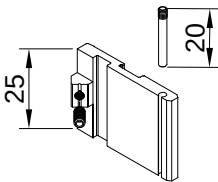
Staklo lajsna Glazing bead		
Art.Br. Art.Nr.	Z40-667/P	
Težina Weight	kg/m'	0.309
Opseg Perimeter	mm	131
L	mm	6500

Vezni elementi

Connection elements

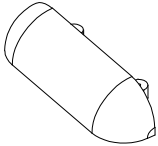
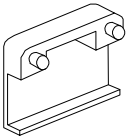
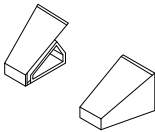
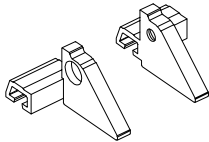
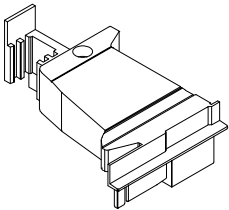
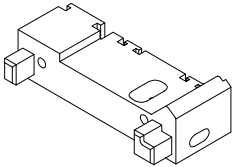
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
710.408	 l=5.4mm	- Kutna spojnica za komoru 35.2x6 - Za profil FT-1200 - Corner bracket for chamber 35.2x6 - For profile FT-1200	Al.	
710.409	 l=17.3mm	- Kutna spojnica za komoru 35.2x17.9 - Za profil FT-1200 - Corner bracket for chamber 35.2x17.9 - For profile FT-1200	Al.	
710.506	 l=4.5mm	- Kutna spojnica za komoru 16.5x5.1 - Za profil FT-1210 - Corner bracket for chamber 16.5x5.1 - For profile FT-1210	Al.	
710.411	 l=26.3mm	- Kutna spojnica za komoru 25.2x26.8 - Za profil FT-1210 - Corner bracket for chamber 25.2x26.8 - For profile FT-1210	Al.	
710.507	 l=7.9mm	- Kutna spojnica za komoru 15.1x8.5 - Za profil FT-1201 - Corner bracket for chamber 15.1x8.5 - For profile FT-1201	Al.	
710.436	 l=17.3mm	- Kutna spojnica za komoru 19.1x17.9 - Za profil FT-1201 - Corner bracket for chamber 19.1x17.9 - For profile FT-1201	Al.	

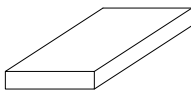
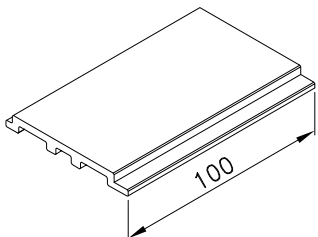
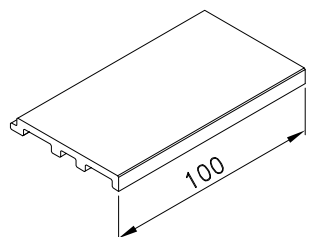
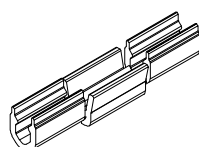
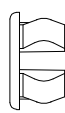
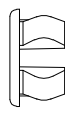
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
710.434	 l=4.5mm	- Kutna spojnica za komoru 35.1x5.1 - Za profil FT-1211 - Corner bracket for chamber 35.1x5.1 - For profile FT-1211	Al.	
710.435	 l=26.3mm	- Kutna spojnica za komoru 46.6x26.8 - Za profil FT-1211 - Corner bracket for chamber 46.6x26.8 - For profile FT-1211	Al.	
731.010		- Kutna spojnica za komoru 19.1x1.6 - Za profile: FT-1210 FT-1211 - Corner bracket for chamber 19.1x1.6 - For profiles: FT-1210 FT-1211	Zamak #3	
730.001		- Pomoćna kutna spojnica za komoru 4.7x1.7 - Za profile krila prozora - Corner auxiliary bracket for chamber 4.7x1.7 - For sash window profiles	Inox	
730.002		- Pomoćna kutna spojnica za komoru 4.7x1.7 - Za profile rama prozora - Corner bracket for chamber 4.7x1.7 - For frame window profile	Inox	
710.066	 M8x13 M6x10	- Veznik (l=14.7mm) - Connector (l=14.7mm)	Al.	

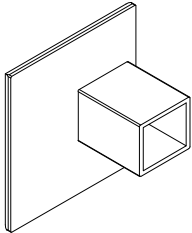
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
710.412		- Dodatni veznik (l=51mm) - Za profile: FT-1200 FT-1220 - Additional connector (l=51mm) - For profiles: FT-1200 FT-1220	Al.	
710.513		- Dodatni veznik (l=25mm) - Za profile: FT-1200 FT-1221 - Additional connector (l=25mm) - For profiles: FT-1200 FT-1221	Al.	

PVC elementi

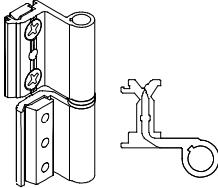
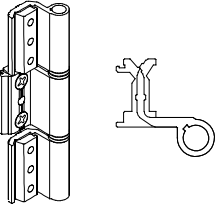
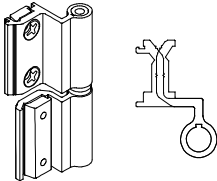
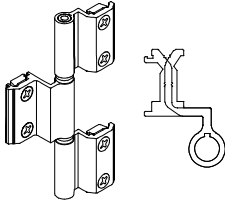
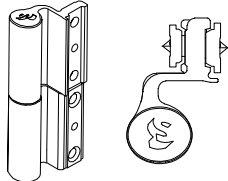
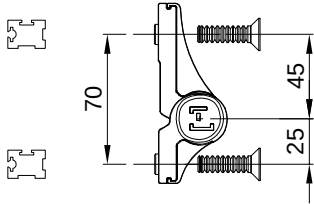
PVC elements

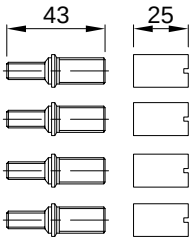
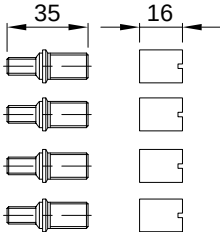
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
370.070.01 03		- Maska sa klapnom za drenažni otvor - Boje: 01- bijela; 03- crna - Drainage slot mask with a flap - Color: 01- white; 03- black	PVC	
373.003.01 02 03		- Maska za drenažni otvor - Boje: 01- 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	
373.055		- Umetak za profil okapnice F-1567 - End insert for drip cap profile F-1567	PVC	
363.063		- Umetak profila za okretanje FT-1230 - otvaranje unutra - End insert for flaying mullion profile FT-1230- inwards opening	Tvrda guma Hard rubber	
363.064		- Umetak za profil praga FT-1231 - End insert for threshold profile FT-1231	PVC	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
370.000 370.001 370.002 370.053		- Podmetači za staklo - Glazing packers 3 mm 370.000 5 mm 370.001 7 mm 370.002 4 mm 370.053	PVC	
374.101		- PVC podmetač za staklo - Za profile krila - PVC glazing packers - For sash profiles	PVC	
374.102		- PVC podmetač za staklo - Za profile rama i prečka - PVC glazing packers - For frame and window crossbar profiles	PVC	
375.048		-Umetak -Insert	PVC	
370.023		-PVC čep za maskiranje rupe Ø10 mm -PVC cap for drilled hole Ø10 mm	PVC	
370.024		-PVC čep za maskiranje rupe Ø12 mm -PVC cap for drilled hole Ø12 mm	PVC	

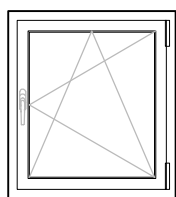
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
373.054		- Gornji čep okomice francuskog balkona - Upper cover cap of french balcony profile	PVC	

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 - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge-EURO GROOVE - Color: 01- white; 02 - gray;03 - black		
113.009.01 02 03		- Dvodijelna šarka OSNO 70 (Max3D 70) - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge OSNO 70 (Max3D 70) - Color: 01- white; 02 - gray;03 - black	Al. Čelik Steel	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
113.012		- Set za TERMO 65 - Set za dvodijelnu šarku (Max3D xx) - Set for TERMO 65 - Set for two-part hinge (Max3D xx)		
113.013		- Set za TERMO 50 - Set za dvodijelnu šarku (Max3D xx) - Set for TERMO 50 - Set for two-part hinge (Max3D xx)		

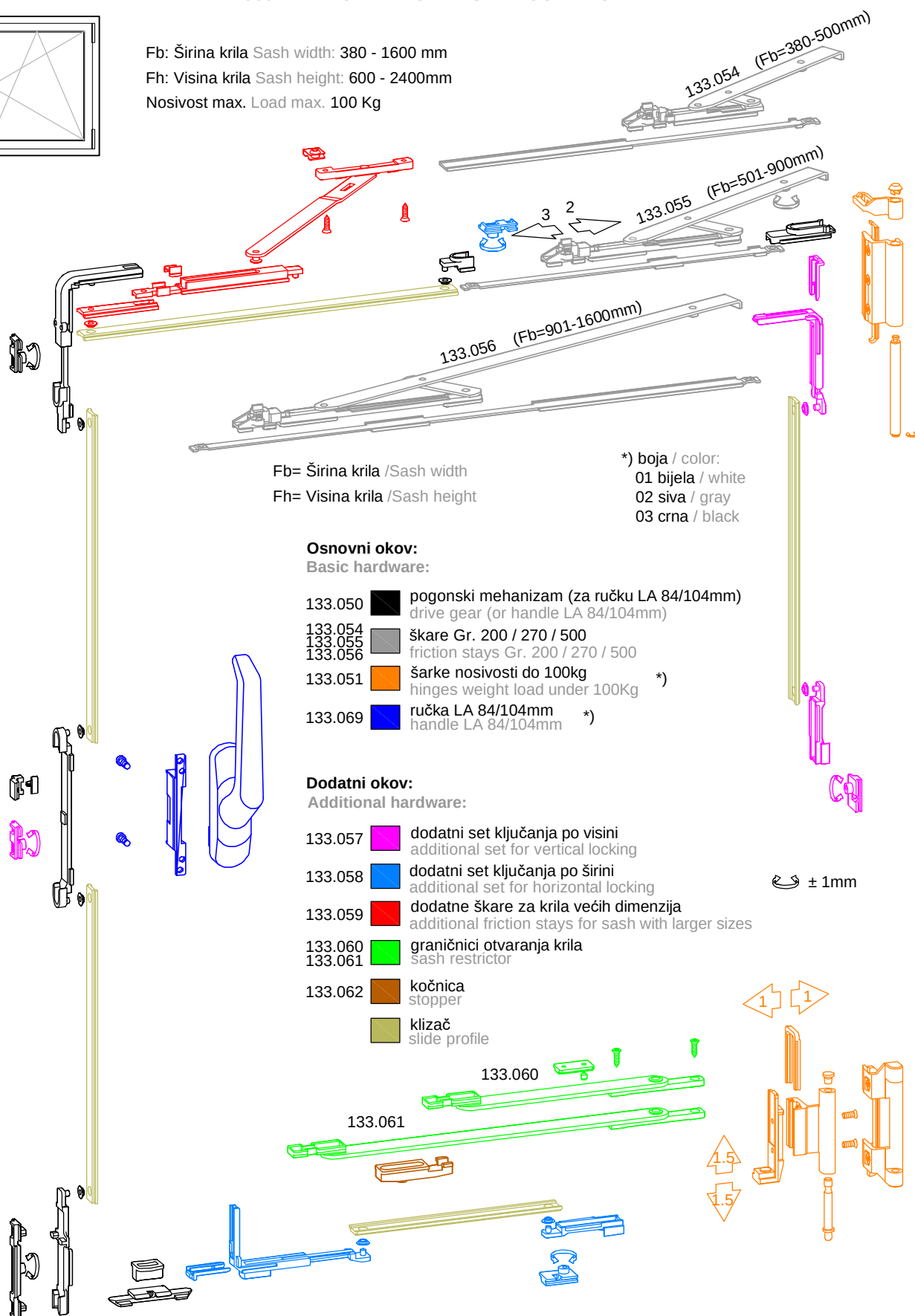
AL 2000 OTKLOPNO-ZAOKRETNI MEHANIZAM - EUGEN NOTTER AL 2000 TILT-TURN MECHANISM - EUGEN NOTTER



Fb: Širina krila Sash width: 380 - 1600 mm

Fh: Visina krila Sash height: 600 - 2400mm

Nosivost max. Load max. 100 Kg



Fb= Širina krila /Sash width
Fh= Visina krila /Sash height

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

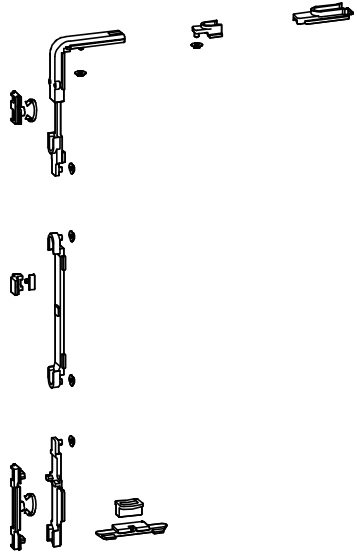
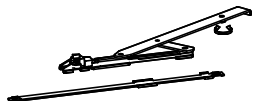
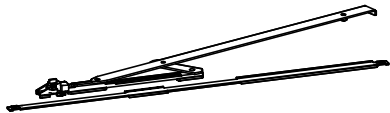
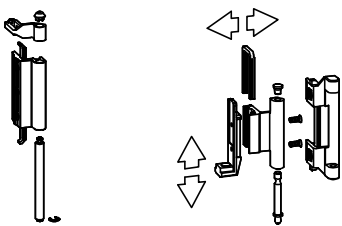
Osnovni okov: Basic hardware:

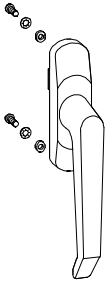
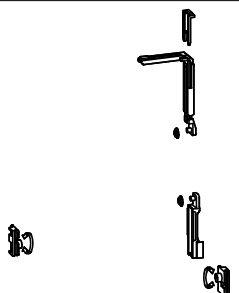
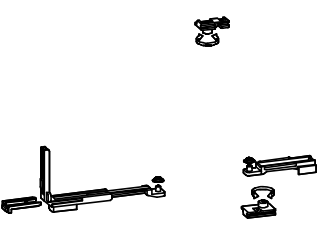
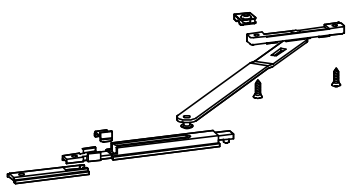
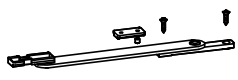
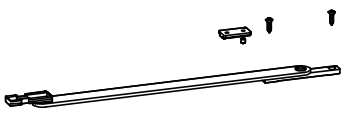
- 133.050 pogonski mehanizam (za ručku LA 84/104mm)
drive gear (or handle LA 84/104mm)
- 133.054 škare Gr. 200 / 270 / 500
- 133.055 škare Gr. 200 / 270 / 500
- 133.056 škare nosivosti do 100kg *)
- 133.051 šarke nosivosti do 100kg *)
- 133.069 ručka LA 84/104mm *)

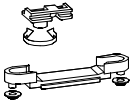
Dodatni okov: Additional hardware:

- 133.057 dodatni set ključanja po visini
additional set for vertical locking
- 133.058 dodatni set ključanja po širini
additional set for horizontal locking
- 133.059 dodatne škarke za krila većih dimenzija
additional friction stays for sash with larger sizes
- 133.060 graničnici otvaranja krila
sash restrictor
- 133.061 graničnici otvaranja krila
sash restrictor
- 133.062 kočnica
stopper
- klizač
slide profile

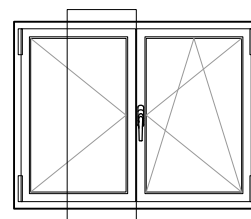
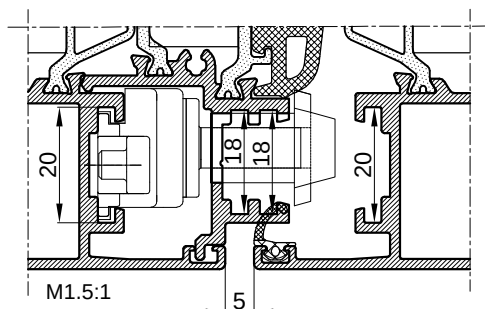
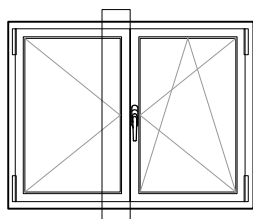
± 1mm

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
133.050		- Pogonski mehanizam Eugen Notter (AL 2000), za ručku (LA 84/104mm) - Oznaka proizvođača Notter: 225 403 00 - Drive gear Eugen Notter (AL 2000), for handle (LA 84/104mm) - Manufacturer code Notter: 225 403 00		
133.054		- Škare Gr.200 za širinu krila: Fb= 380mm - 500mm - Oznaka proizvođača Notter: 222 050 00 - Friction stays Gr.200 for sash width: Fb= 380mm - 500mm - Manufacturer code Notter: 222 050 00		
133.055		- Škare Gr.270 za širinu krila: Fb= 501mm - 900mm - Oznaka proizvođača Notter: 222 052 00 - Friction stays Gr.270 for sash width: Fb= 501mm - 900mm - Manufacturer code Notter: 222 052 00		
133.056		- Škare Gr.500 za širinu krila: Fb= 901mm - 1600mm - Oznaka proizvođača Notter: 222 055 00 - Friction stays Gr.500 for sash width: Fb= 901mm - 1600mm - Manufacturer code Notter: 222 055 00		
133.051.01 02 03		- Šarke nosivosti do 100 kg - Oznaka proizvođača Notter: 263 415 03 - bijela 263 415 06 - siva 263 415 05 - crna - Boje: 01- bijela; 02 - siva; 03 - crna - Hinges weight load under 100 kg - Manufacturer code Notter: 263 415 03 - white 263 415 06 - gray 263 415 05 - black - Color: 01- white; 02 - gray; 03 - black		

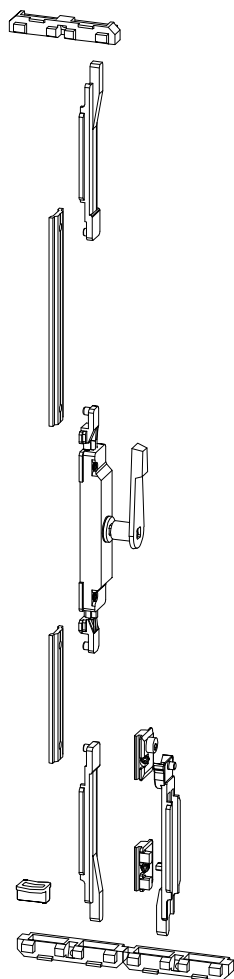
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
133.069.01 02 03		- Ručka; (LA 84/104mm) - Oznaka proizvođača Notter: 080 351 03 - bijela 080 351 06 - siva 080 351 05 - crna - Boje: 01- bijela; 02 - siva;03 - crna - Handle; (LA 84/104mm) - Manufacturer code Notter: 080 351 03 - white 080 351 06 - gray 080 351 05 - black - Color: 01- white; 02 - gray;03 - black		
133.057		- Dodatni set ključanja po visini - Oznaka proizvođača Notter: 025 075 00 - Additional set for vertical locking - Manufacturer code Notter: 025 075 00		
133.058		- Dodatni set ključanja po širini - Oznaka proizvođača Notter: 025 078 00 - Additional set for horizontal locking - Manufacturer code Notter: 025 078 00		
133.059		- Dodatne škare za krila većih dimenzija širina krila: Fb= 1300mm - 1600mm - Oznaka proizvođača Notter: 034 111 00 - Additional friction stays for sash with larger sizes sash width: Fb= 1300mm - 1600mm - Manufacturer code Notter: 034 111 00		
133.060		- Graničnik otvaranja krila za širinu krila: 450mm - 900mm - Oznaka proizvođača Notter: 080 092 00 - Window restrictor for sash width: Fb= 450mm - 900mm - Manufacturer code Notter: 080 092 00		
133.061		- Graničnik otvaranja krila za širinu krila: 901mm - 1600mm - Oznaka proizvođača Notter: 080 093 00 - Window restrictor for sash width: Fb= 901mm - 1600mm - Manufacturer code Notter: 080 093 00		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
133.062		- Kočnica - Oznaka proizvođača Notter: 080 099 00 - Stopper - Manufacturer code Notter: 080 099 00		
133.072		- Dodatno ključanje po širini i visini - Oznaka proizvođača Notter: 025 143 00 - Additional horizontal and vertical locking - Manufacturer code Notter: 025 143 00		

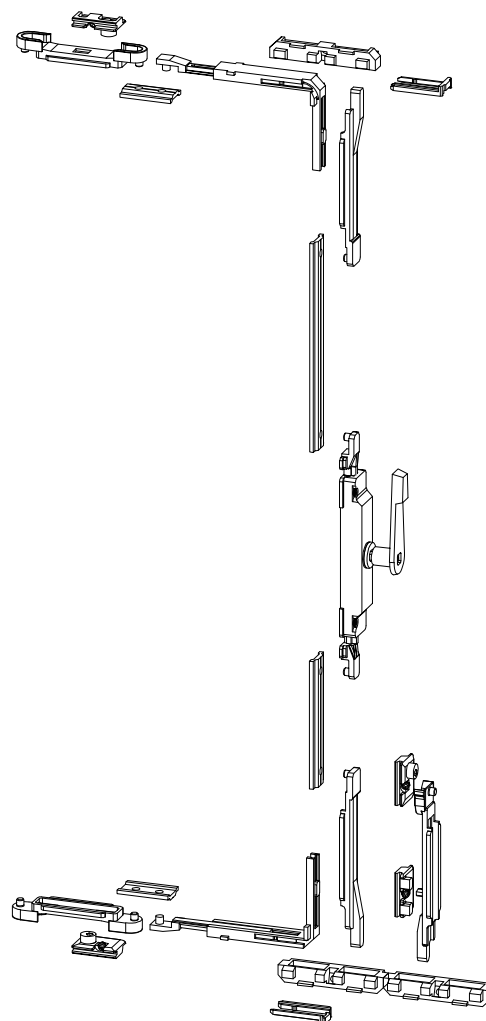
AL 2000 OKOV ZA FIKSIRANJE POMOĆNOG KRILA - EUGEN NOTTER AL 2000 LOCKING MECHANISM FOR AUXILIARY SASH - EUGEN NOTTER

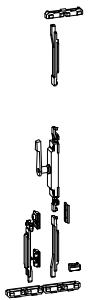
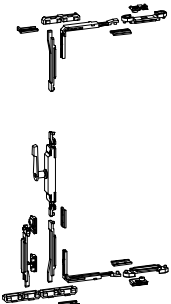
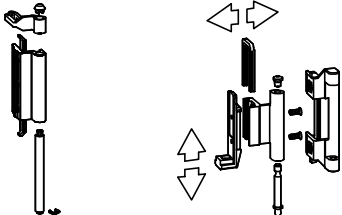
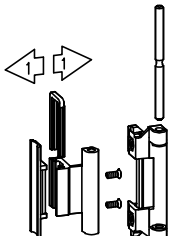
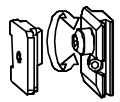
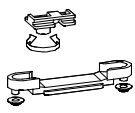


- **133.081** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Notter: 025 601 00
- **133.081** Locking mechanism for auxiliary sash in two points (mechanism in the sash)
- Manufacturer code Notter: 025 601 00



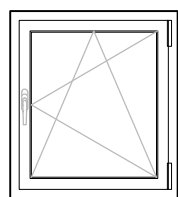
- **133.068** Okov za fiksiranje pomoćnog krila u više točaka; (montiranje okova u krilo)
- Oznaka proizvođača Notter: 025 602 00
- **133.068** Locking mechanism for auxiliary sash - multiple points ; (mechanism in the sash)
- Manufacturer code Notter: 025 602 00



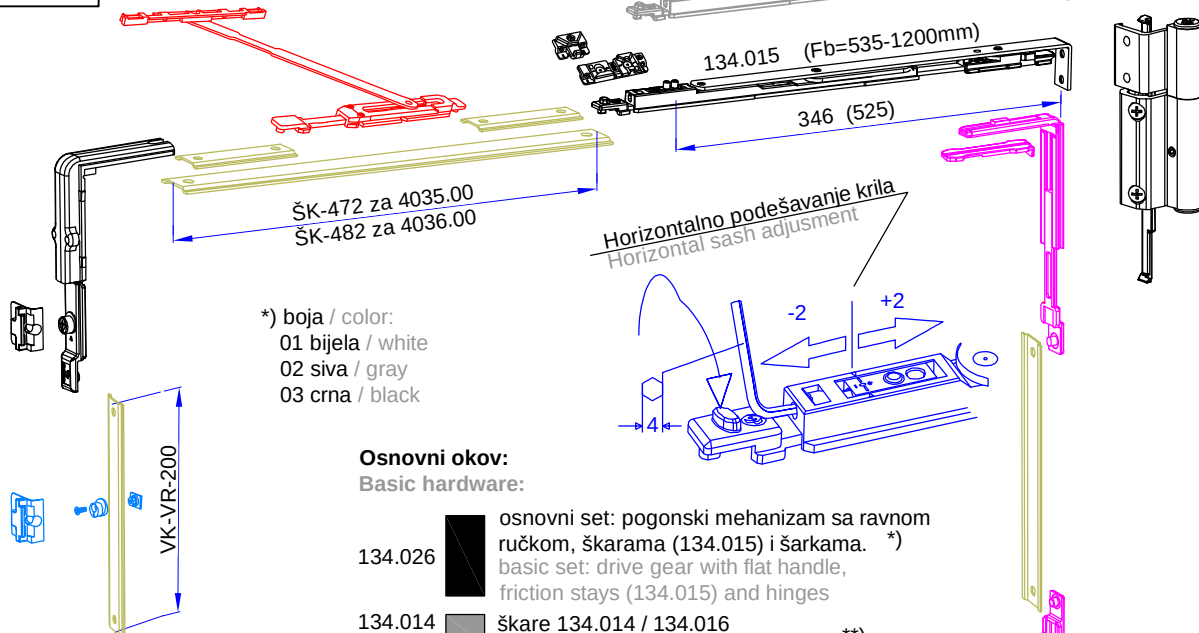
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
133.081		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo) - Oznaka proizvođača Notter: 025 601 00 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Notter: 025 601 00		
133.068		- Okov za fiksiranje pomoćnog krila u više točaka; (montiranje okova u krilo) - Oznaka proizvođača Notter: 025 602 00 - Locking mechanism for auxiliary sash - multiple points ; (mechanism in the sash) - Manufacturer code Notter: 025 602 00		
133.051.01 02 03		- Šarke nosivosti do 100 kg - Oznaka proizvođača Notter: 263 415 03 - bijela 263 415 06 - siva 263 415 05 - crna - Boje: 01- bijela; 02 - siva;03 - crna - Hinges weight load under 100 kg - Manufacturer code Notter: 263 415 03 - white 263 415 06 - gray 263 415 05 - black - Color: 01- white; 02 - gray;03 - black		
133.066.01 02 03		- Dodatna šarka pomoćnog krila (do 100 kg) - Oznaka proizvođača Notter: 263 206 03 - bijela 263 206 06 - siva 263 206 05 - crna - Boje: 01- bijela; 02 - siva;03 - crna - Additional hinge auxiliary sash (under 100 kg) - Manufacturer code Notter: 263 206 03 - white 263 206 06 - gray 263 206 05 - black - Color: 01- white; 02 - gray;03 - black		
133.067		- Dodatno (pasivno) ključanje - Oznaka proizvođača Notter: 025 771 00 - Additional (passive) locking - Manufacturer code Notter: 025 771 00		
133.072		- Dodatno ključanje po širini i visini - Oznaka proizvođača Notter: 025 143 00 - Additional horizontal and vertical locking - Manufacturer code Notter: 025 143 00		

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



Osnovni okov: Basic hardware:

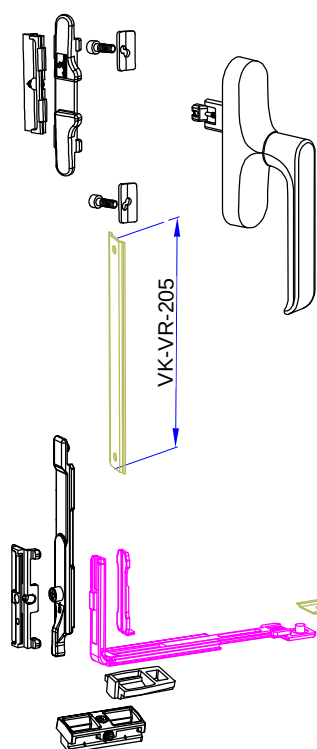
- 134.026 osnovni set: pogonski mehanizam sa ravnom ručkom, škarama (134.015) i šarkama. *)
basic set: drive gear with flat handle, friction stays (134.015) and hinges
134.014 škare 134.014 / 134.016
134.016 friction stays 134.014 / 134.016 **)

**) 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

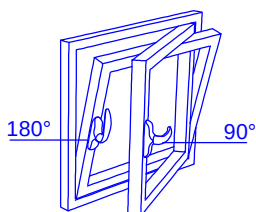
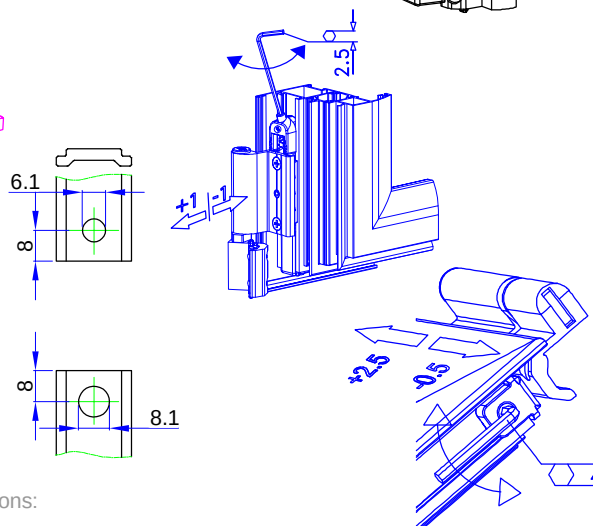
Dodatni okov: Additional hardware:

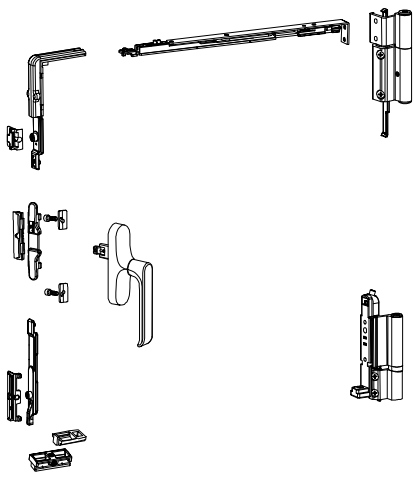
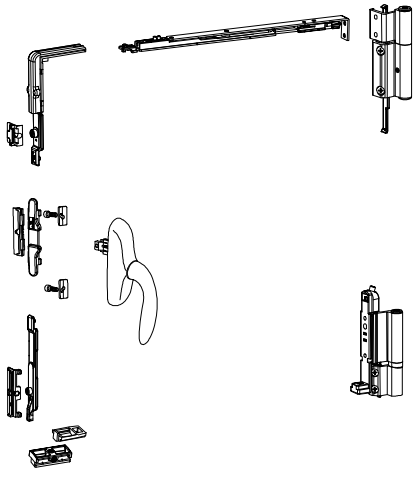
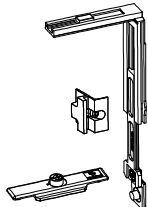
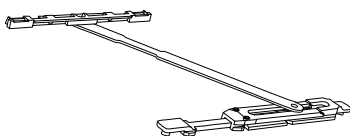
- 134.002 dodatni set ključanja po širini i visini
additional set for horizontal and vertical locking
134.003 dodatne škare za krila većih dimenzija
additional friction stays for sash with larger sizes
134.004 dodatno ključanje
134.005 additional locking
134.024 dodatni umetak gornje šarke za nosivost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

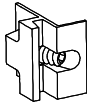
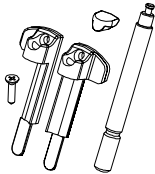


Na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju:
On the ends of driving rails drill holes according to the detail dimensions:

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 adjusment)		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 adjusment)		
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	AISI 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		

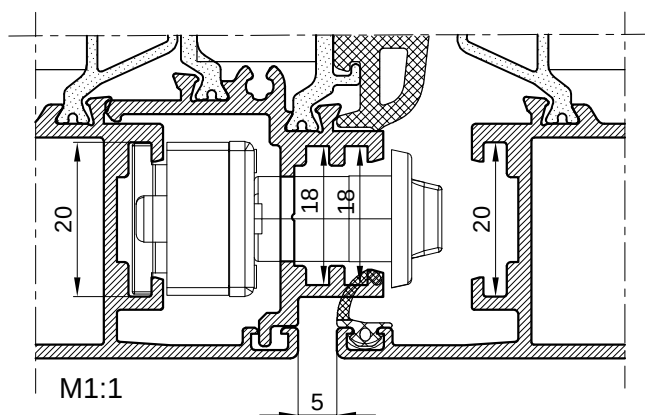
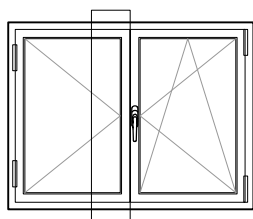
- Tabelarni prikaz osnovnog seta u zavisnosti od širine krila i tipu ručke: Otklopno-zaokretni mehanizam
 - Table view basic set depending upon sash width and hand type Tilt and turn mechanism -(dry kip)

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
134.027.01 -bijela /white .02 -siva /gray .03 -crna /black	zaobljena ručka rounded handle	445-535 mm	4036.00.310 4036.00.315 4036.00.313
134.028.01 -bijela /white .02 -siva /gray .03 -crna /black	zaobljena ručka rounded handle	1200-1400 mm	4037.00.310 4037.00.315 4037.00.313
134.029.01 -bijela /white .02 -siva /gray .03 -crna /black	zaobljena ručka rounded handle	375-535 mm	4038.00.310 4038.00.315 4038.00.313

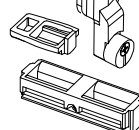
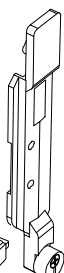
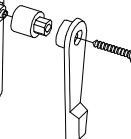
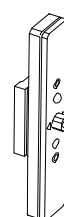
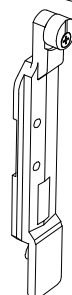
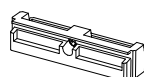
Napomena / Remark:

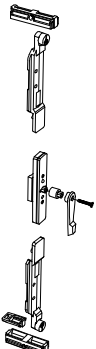
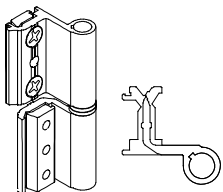
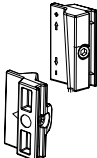
donja šarka kod svih gore navedenih osnovni setova ima podešavanje u dvije osi
 lower hinge in all above listed basic sets has two-axial adjusment

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

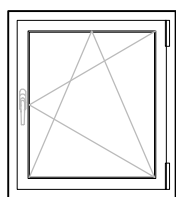


- **134.017** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Stublina: 4005.00
- **134.017** Locking mechanism for auxiliary sash in two points (mechanism in the sash)
- Manufacturer code Stublina: 4005.00

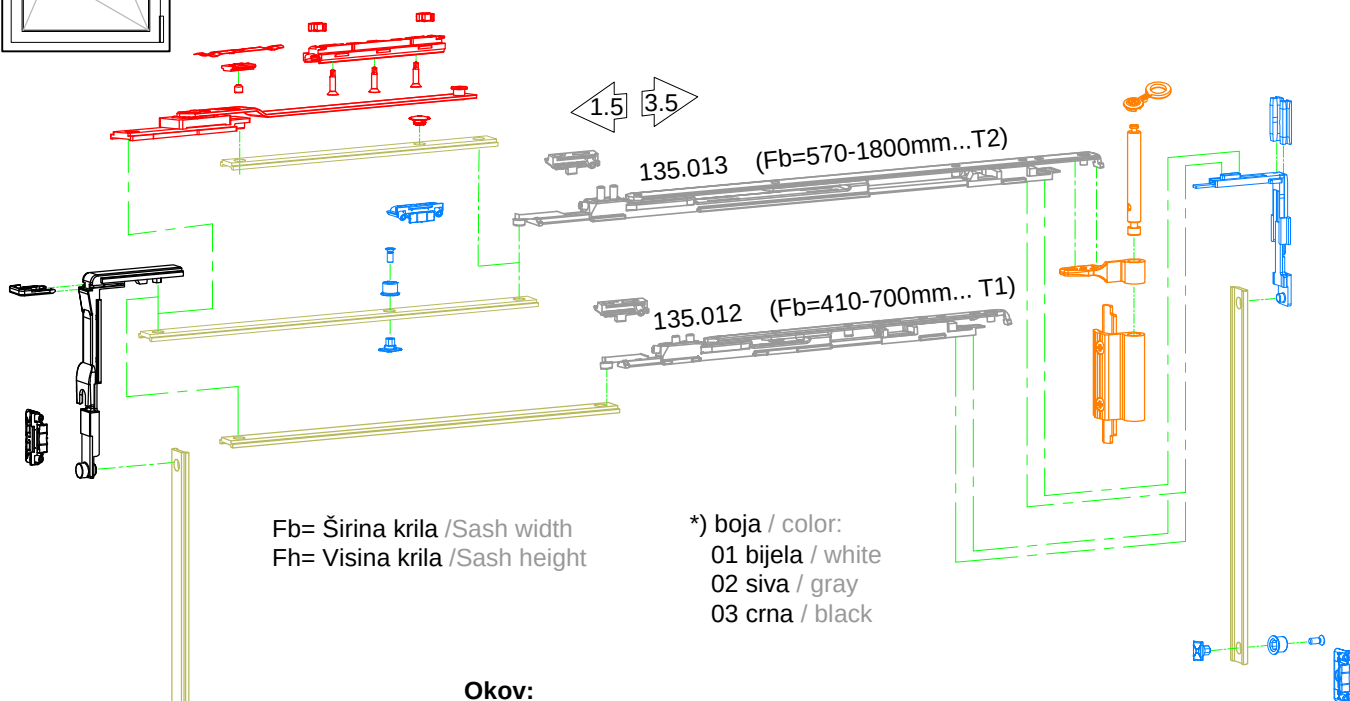


Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
134.017		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo) - Oznaka proizvođača Stublina: 4005.00 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Stublina: 4005.00		
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		

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

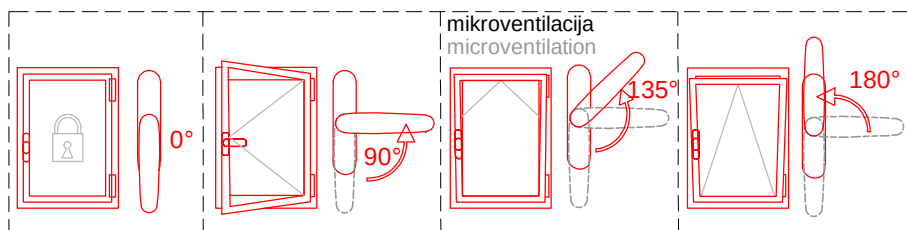
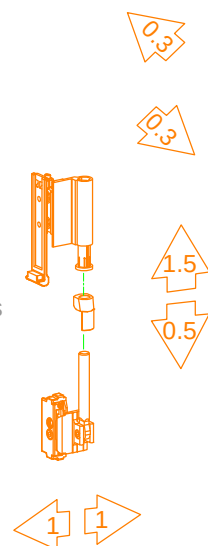


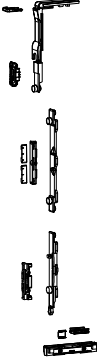
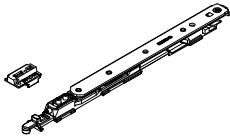
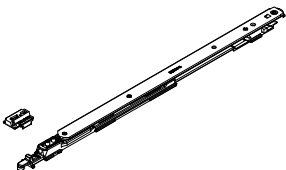
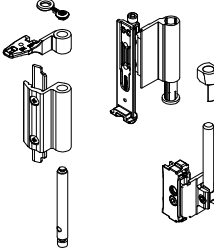
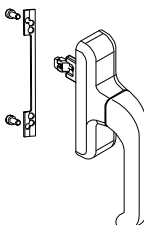
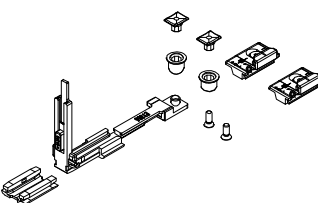
Nosivost max. 130 Kg (FUTURA 3D 130 micro)
Load max. 130 Kg (FUTURA 3D 130 micro)

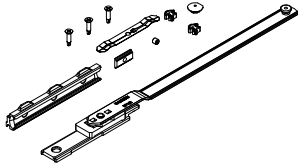
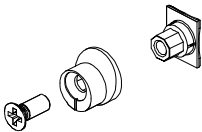
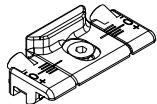


Okov: Hardware:

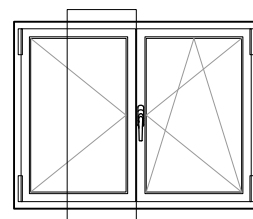
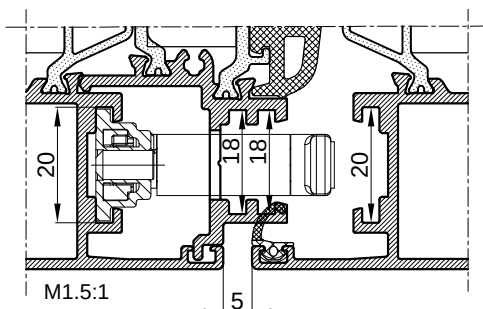
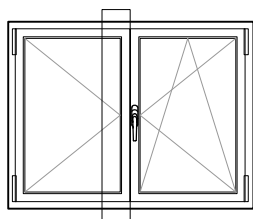
- 135.015 pogonski mehanizam (za ručku art.01094xxx)
drive gear (for handle art.01094xxx)
- 135.012 škarice T1, T2
- 135.013 friction stays T1, T2
- 135.016 šarke nosivosti do 130 kg, *)
hinges weight load under 130 kg, *)
- 105.005 ručka art.01094xxx *)
hinges art.01094xxx *)
- 135.021 dodatni set ključanja po širini i visini
additional set for horizontal and vertical locking
- 135.014 dodatne škarice za krila većih dimenzija
additional friction stays for sash with larger sizes
- klizač
slide profile



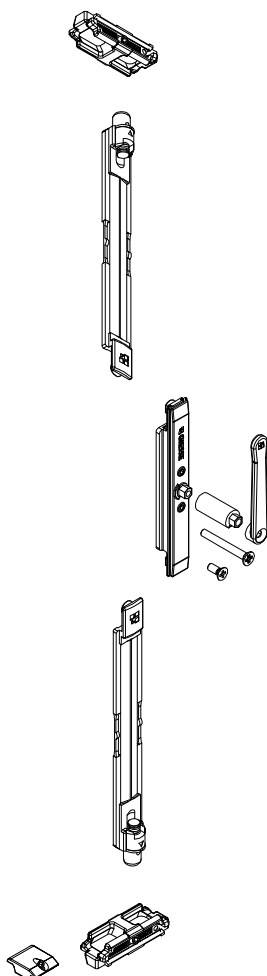
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.015		- Pogonski mehanizam za FUTURA 3D 130 micro mehanizam (...ručka 01094xxx) - Oznaka proizvođača Giese: 04704000 - Drive gear for FUTURA 3D 130 micro mechanism (... handle 01094xxx) - Manufacturer 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 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		
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		

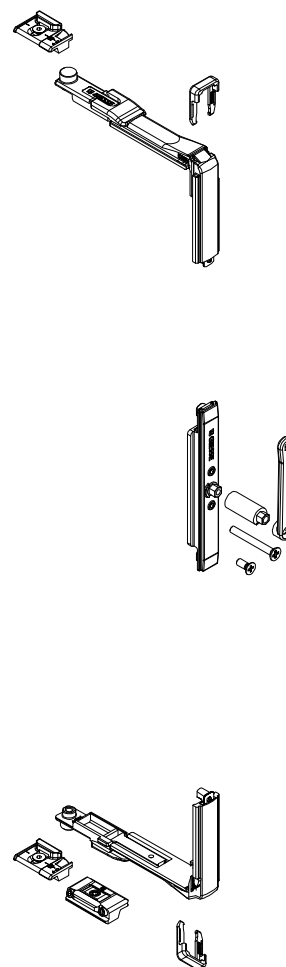
OKOV ZA FIKSIRANJE POMOĆNOG KRILA - GIESSE LOCKING MECHANISM FOR AUXILIARY SASH - GIESSE

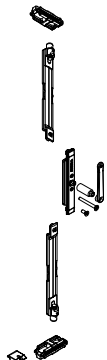
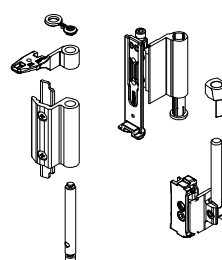
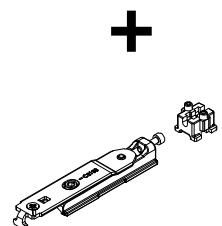
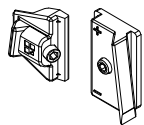


- **143.047** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Giesse: 02178000
- **143.047** Locking mechanism for auxiliary sash in two points (mechanism in the sash)
- Manufacturer code Giesse: 02178000

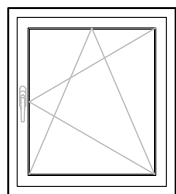


- **143.048** Okov za fiksiranje pomoćnog krila u više točaka; (montiranje okova u krilo)
- Oznaka proizvođača Giesse: 02179000
- **143.048** Locking mechanism for auxiliary sash - multiple points ; (mechanism in the sash)
- Manufacturer code Giesse: 02179000

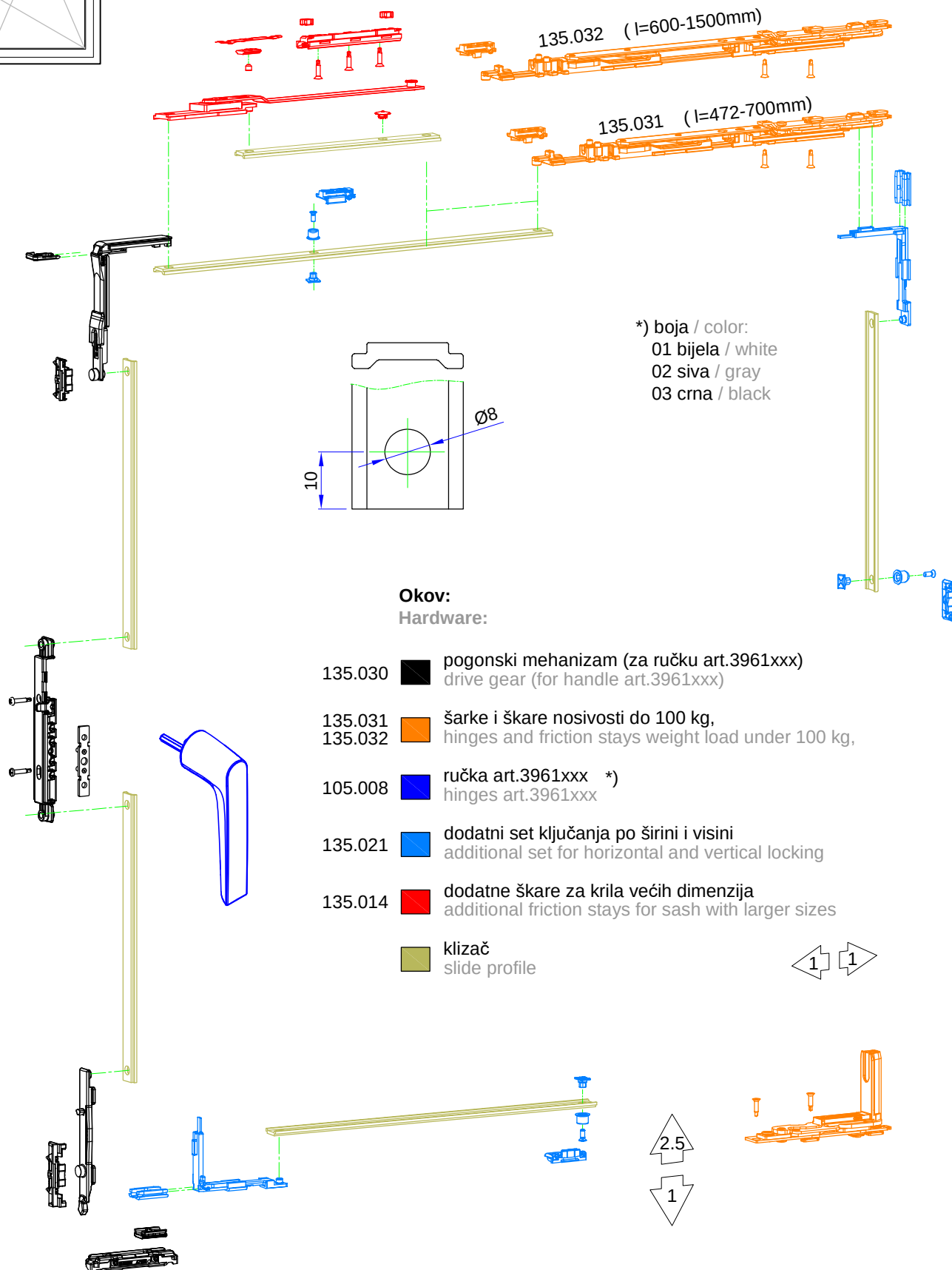


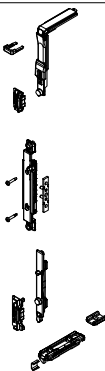
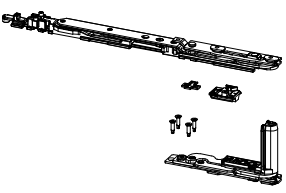
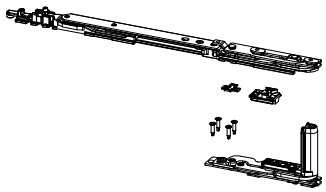
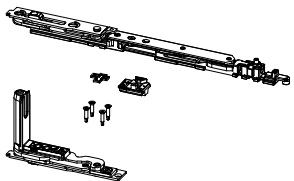
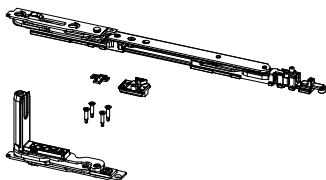
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
143.047		- Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo) - Oznaka proizvođača Giese: 02178000 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Giese: 02178000		
143.048		- Okov za fiksiranje pomoćnog krila u više točaka (montiranje okova u krilo) - Oznaka proizvođača Giese: 02179000 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Giese: 02179000		
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		

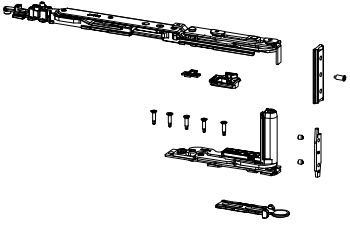
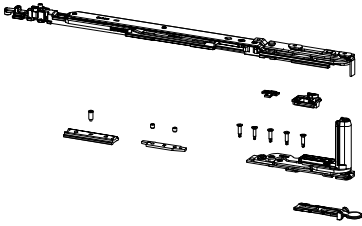
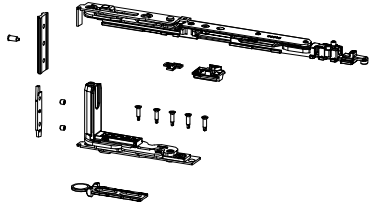
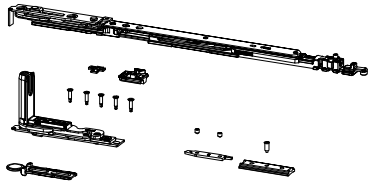
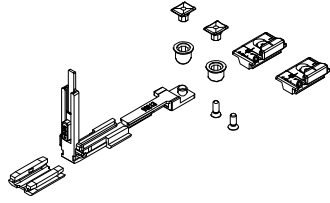
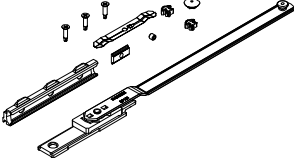
SKRIVENI OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE CHIC 3D 100 STANDARD HIDDEN TILT-TURN MECHANISM - GIESSE CHIC 3D 100 STANDARD

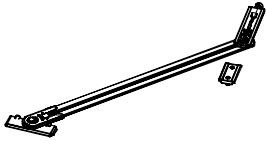
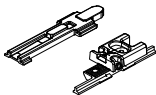
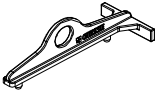
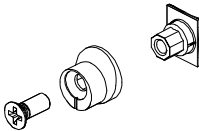
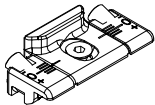


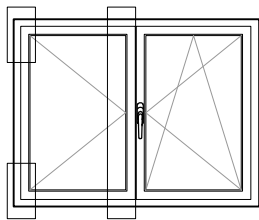
Nosivost max. 100 Kg (CHIC 3D 100) / 130 Kg (CHIC 3D 130)
Load max. 100 Kg (CHIC 3D 100) / 130 Kg (CHIC 3D 130)



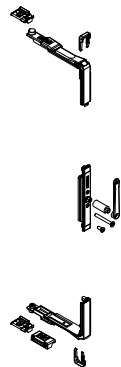
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.030		- Pogonski mehanizam za Ultra mehanizam (...ručka 03961xxx) - Oznaka proizvođača Giese: 0395200001 - Drive gear for Ultra mechanism (... handle 03961xxx) - Manufacturer code Giese: 0395200001		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

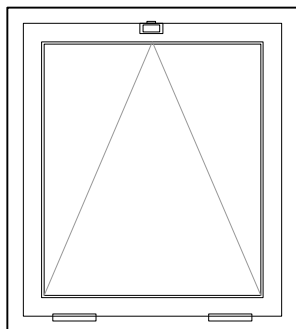
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.037		- Šarka+škara T1, desna za krilo 472-700 mm - Oznaka proizvođača Giesse: 044250001 - Otvaranje krila do 180° - Za nosivost do 130kg - Hinge+friction stays T1, right for sash 472-700 mm - Manufacturer 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 škare za krilo preko 1000 mm - Oznaka proizvođača Giesse: 04301000 - Additional friction stays for a sash over 1000 mm - Manufacturer code Giesse: 04301000		

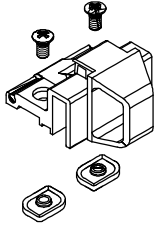
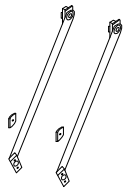
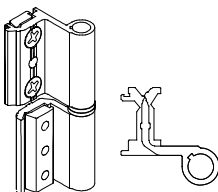
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.023		- Dodatna ruka za ograničavanje otvaranja krila, za L>500, od 25° do 120° - Oznaka proizvođača Giese: 02030000 - Additional arm to limit sash opening, for L>500, from 25° to 120° - Manufacturer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

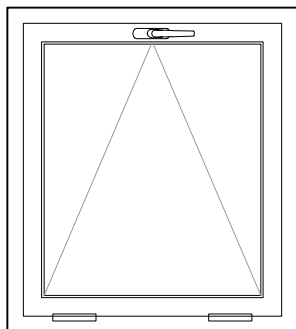
SKRIVENI OKOV ZA FIKSIRANJE POMOĆNOG KRILA - GIESSE CHIC 3D
HIDDEN LOCKING MECHANISM FOR AXILIARY SASH - GIESSE CHIC 3D

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

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
143.048		- Okov za fiksiranje pomoćnog krila u više točaka (montiranje okova u krilo) - Oznaka proizvođača Giese: 02179000 - Locking mechanism for auxiliary sash in two points (mechanism in the sash) - Manufacturer code Giese: 02179000		

OTKLOPNI MEHANIZAM (VENTUS) SA BRAVICOM ZA ZATVARANJE
TILT MECHANISM (VENTUS) WITH LOCK FOR CLOSING

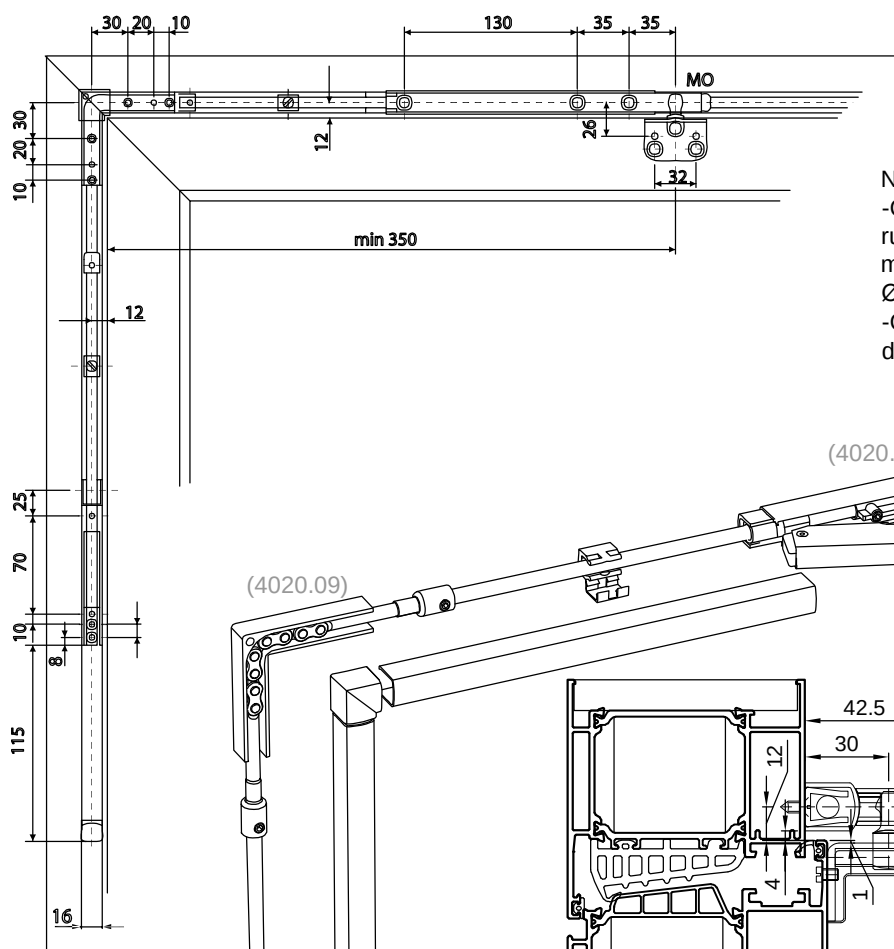
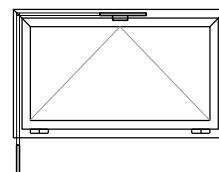
Oznaka Code		Opis Description	Materijal Material	Napomena Remark
124.005.01 02 03		- Bravica za zatvaranje otklopnog prozora - Oznaka proizvođača Stublina: 1014.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Lock for closing tilt window - Manufacturer code Stublina: 1014.00.310 -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 hung-vent 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		

OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM NA HORIZONTALI
TILT MECHANISM (VENTUS) WITH THE HANDLE ON THE UP

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	AISI Zamak	
131.002		- Škare za otklopni provoz - Stara oznaka: E-350 - Friction stays for hung-vent 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)

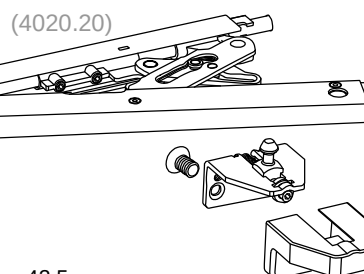
134.006.xx- TILT MECHANISM (VENTUS) WITH HANDLE FOR HEIGHT - STUBLINA (art.4020.00)



Napomena:

-Otvore na štoku za ugradnju pogonske ručice 4020.30, kutnog okova 4020.09 mehanizama otvarača 4020.20 bušiti na Ø3mm.

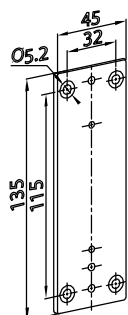
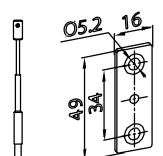
-Otvore na krilu za ugradnju kutnog nosača držača krila 4020.05 bušiti na Ø5.2mm



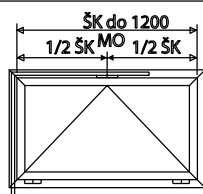
Remark:

-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



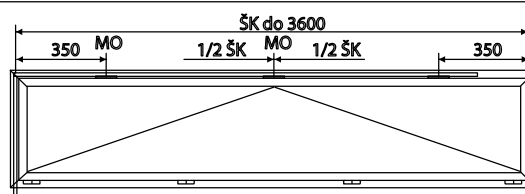
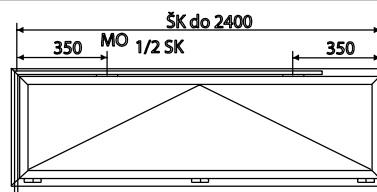
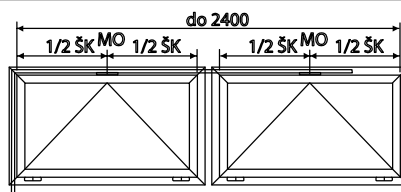
(4020.30)

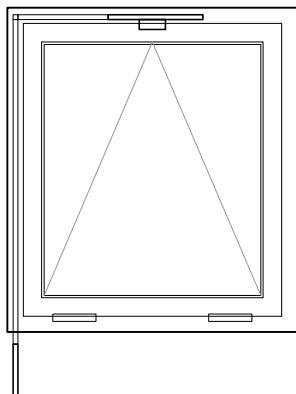


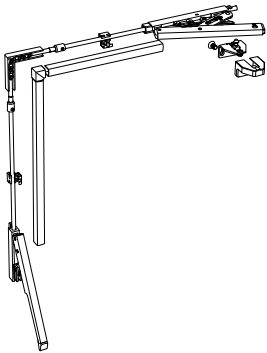
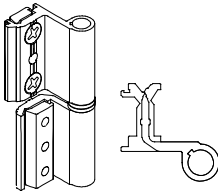
Legenda / Legend:

Mehanizam otvarača / Opening mechanism.....Mo

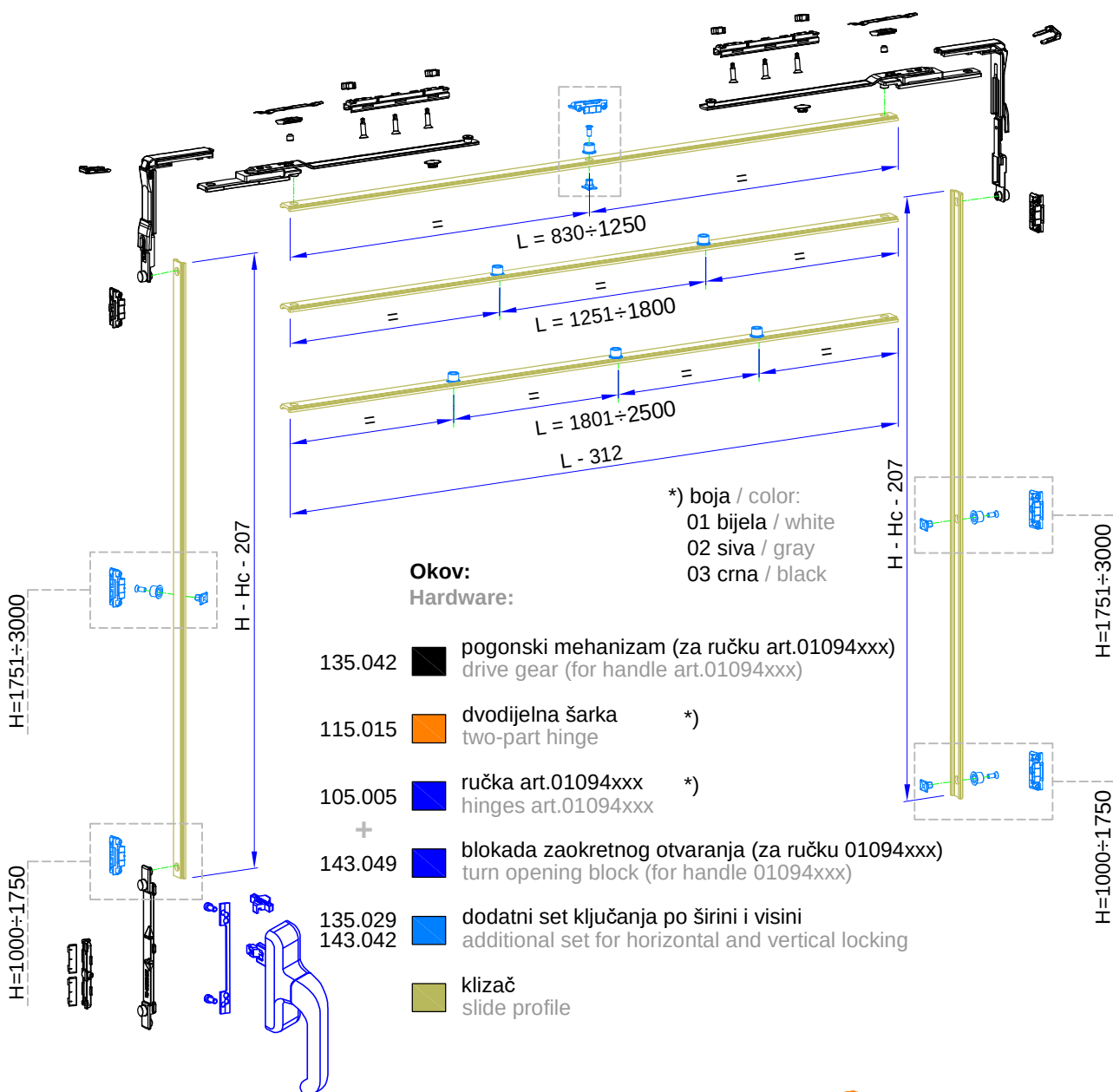
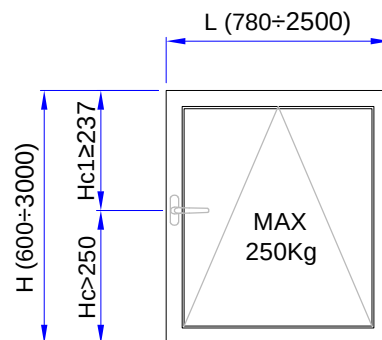
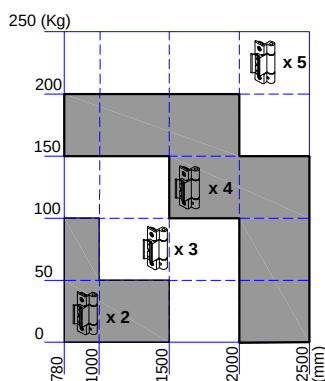
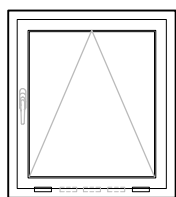
Širina krila / Sash width.....ŠK

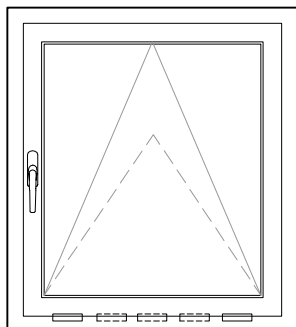


OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM ZA VISINU
TILT MECHANISM (VENTUS) WITH HANDLE FOR HEIGHT

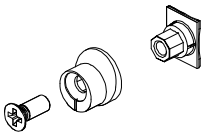
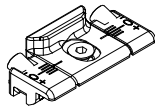
Oznaka Code		Opis Description	Materijal Material	Napomena Remark
134.006.01 02 03		- Ventus set širina krila do 1200 mm - Oznaka proizvođača Stublina: 4020.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Ventus set - sash width up to 1200 mm - Manufacturer code Stublina: 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		

OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM NA VERTIKALI TILT MECHANISM (VENTUS) WITH THE HANDLE ON THE SIDE

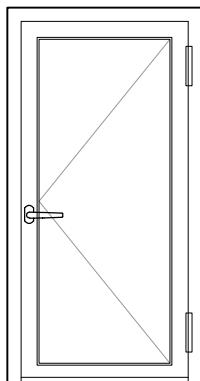


OTKLOPNI MEHANIZAM (VENTUS) SA RUČKOM NA VERTIKALI
TILT MECHANISM (VENTUS) WITH THE HANDLE ON THE SIDE

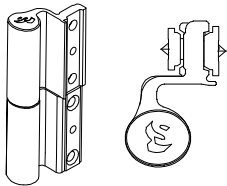
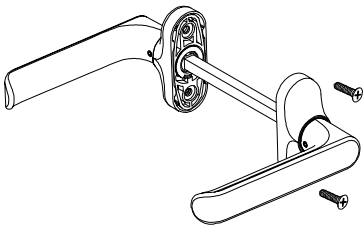
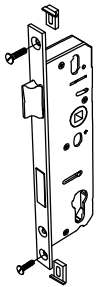
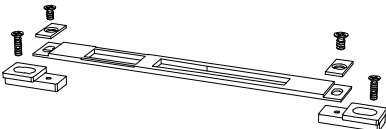
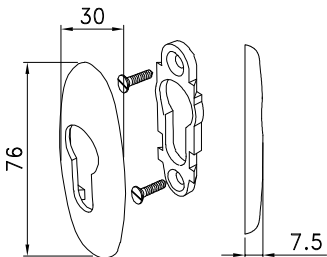
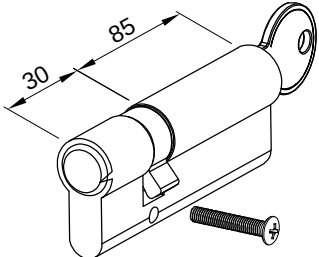
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
135.042		- Pogonski mehanizam za otklopni prozor- (ventus) sa ručkom na vertikali (...ručka 01094xxx) - Oznaka proizvođača Giese: 01175000 - Drive gear for tilt window (ventus) with the handle on the side (... handle 01094xxx) - Manufacturer code Giese: 01175000		
115.015.01 02 03		- Dvodijelna šarka - Oznaka proizvođača Giese: 00600410 -bijela 00600376 -siva 00600500 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge - Manufacturer code Giese: 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 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		
143.049		- Blokada zaokretnog otvaranja (...za ručku 01094xxx) - Oznaka proizvođača Giese: 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 Giesse: 04030000 - Locking bolt - Manufacturer code Giesse: 04030000		
143.042		- Prihvatnik zapinjača - Oznaka proizvođača Giesse: 01347000 - Locking bolt acceptor - Manufacturer code Giesse: 01347000		

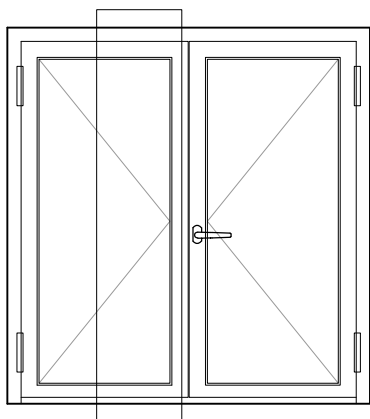
JEDNOKRILNA VRATA, OTVARANJE UNUTRA ONE-LEAF DOOR, INWARDS OPENING



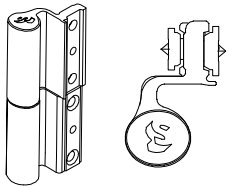
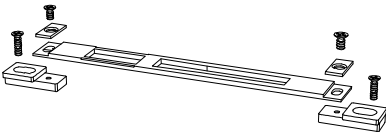
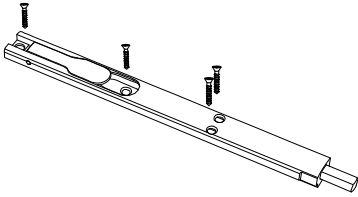
Oznaka Code		Opis Description	Materijal Material	Napomena Remark
113.009.01 02 03		- Dvodijelna šarka OSNO 70 - Oznaka proizvođača ALU-B: Max3D 70 - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge OSNO 70 - Manufacturer code ALU-B: Max3D 70 - Color: 01- white; 02 - gray;03 - black	Al. Čelik Steel	
113.016.01 02 03		- Podložna pločica d=8mm (ALU-B) - Boje: 01- bijela; 02 - siva;03 - crna - Washer plate d=8mm (ALU-B) - Color: 01- white; 02 - gray;03 - black	Al.	
113.012		- Set za TERMO 65 - Set za dvodijelnu šarku (Max3D xx) - Oznaka proizvođača ALU-B: Set za Termo 65 - Set for TERMO 65 - Set for two-part hinge (Max3D xx) - Manufacturer code ALU-B: Set for Termo 65		
113.013		- Set za TERMO 50 - Set za dvodijelnu šarku (Max3D xx) - Oznaka proizvođača ALU-B: Set za Termo 50 - Set for TERMO 50 - Set for two-part hinge (Max3D xx) - Manufacturer code ALU-B: Set for Termo 50		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
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		
104.009.01 02 03		- Ručka za vrata (duljina šipa 8x8 : L=160mm) - Oznaka proizvođača Stublina: 1132.20.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Door handle.....(length of pin 8x8 : L=160mm) - Manufacturer code Stublina: 1132.20.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black	AlSi Zamak	
124.001		- Brava 35 mm sa jezičkom - Oznaka proizvođača Stublina: 3022 - Lock 35 mm with latchbolt - Manufacturer code Stublina: 3022	Inox Čelik	
124.003		- Prihvatnik jezička brave (šild) - Oznaka proizvođača Stublina: 3016.00 - Lock latchbolt acceptor (safety panel) - Manufacturer code Stublina: 3016.00	Prokrom Čelik	
124.032.01 02 03		- Štitnik cilindra za bravu (par) - Oznaka proizvođača Stublina: 1031.04.410 -bijela 415 -siva 413 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Lock cylinder protector (two-sided) - Manufacturer code Stublina: 1031.04.410 -white 415 -gray 413 -black - Color: 01- white; 02 - gray;03 - black	Zn Čelik	
126.028		- Uložak (cilindar) za bravu 35mm - Oznaka proizvođača ISEO Serrature: 810930859 (dužina cilindra 115mm (30+85)) - Lock insert (cylinder) 35mm - Manufacturer code ISEO Serrature: 810930859 (length cylinder 115mm (30+85))	Ni	

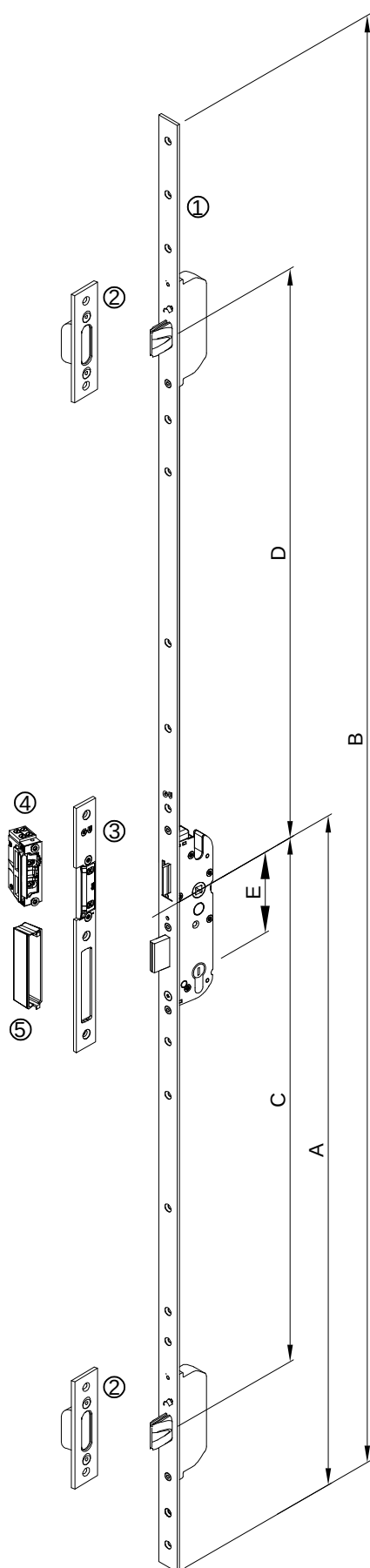
KLJUČANJE POMOĆNOG KRILA KOD DVOKRILNIH VRATA LOCKING OF AUXILIARY LEAF ON DOUBLE DOOR



Oznaka Code		Opis Description	Materijal Material	Napomena Remark
113.009.01 02 03		- Dvodijelna šarka OSNO 70 - Oznaka proizvođača ALU-B: Max3D 70 - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge OSNO 70 - Manufacturer code ALU-B: Max3D 70 - Color: 01- white; 02 - gray;03 - black	Al. Čelik Steel	
113.016.01 02 03		- Podložna pločica d=8mm (ALU-B) - Boje: 01- bijela; 02 - siva;03 - crna - Washer plate d=8mm (ALU-B) - Color: 01- white; 02 - gray;03 - black	Al.	
113.012		- Set za TERMO 65 - Set za dvodijelnu šarku (Max3D xx) - Oznaka proizvođača ALU-B: Set za Termo 65 - Set for TERMO 65 - Set for two-part hinge (Max3D xx) - Manufacturer code ALU-B: Set for Termo 65		
113.013		- Set za TERMO 50 - Set za dvodijelnu šarku (Max3D xx) - Oznaka proizvođača ALU-B: Set za Termo 50 - Set for TERMO 50 - Set for two-part hinge (Max3D xx) - Manufacturer code ALU-B: Set for Termo 50		

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
114.001.01 02 03		- Dvodijelna šarka-<i>EURO ŽLIJEB</i> - Oznaka proizvođača Stublina: 2006.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Two-part hinge-<i>EURO GROOVE</i> - Manufacturer code Stublina: 2006.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		
124.003		- Prihvatnik jezička brave (šild) - Oznaka proizvođača Stublina: 3016.00 - Lock latchbolt acceptor (safety panel) - Manufacturer code Stublina: 3016.00	Prokrom Čelik	
144.003.01 02 03		- Zapinjač-krakun za vrata - Oznaka proizvođača Stublina: 3006.00.310 -bijela 315 -siva 313 -crna - Boje: 01- bijela; 02 - siva;03 - crna - Door latch - Manufacturer code Stublina: 3006.00.310 -white 315 -gray 313 -black - Color: 01- white; 02 - gray;03 - black		

SIGURNOSNA BRAVA 35mm SA TRI MJESTA KLJUČANJA - G-U SECURITY (MR2)
SAFETY LOCK 35mm WITH 3 LOCKING POINT - G-U SECURITY (MR2)



1) **122.052**

- Brava G-U Secury sa masivnim zasunima (MR2)
- oznaka proizvođača G-U: 6-31542-14-0-8
- Multipoint lock with massive bolts G-U Secury (MR2)
- manufacturer code G-U: 6-31542-14-0-8

Dubina Depth	Potisna ploča Push plate	Visina ručke (A) Height height (A)	Rastojanje (E) Distance (E)	Četvrtka Quarter	Visina brave (B) Lock height (B)	(C)	(D)	Oznaka proizvođača Manufacturer code
35	24x2.5	1020	92	8	2285	760	730	6-31542-14-0-8

2) **122.053**

- Prihvatna pločica (ravna) 22x3mm
- oznaka proizvođača G-U: 6-40059-02-0-8
- Striking plate (flat) 22x3mm
- manufacturer code G-U: 6-40059-02-0-8

3) **122.054**

- Prihvatni lim (ravni) 22x3mm,
- oznaka proizvođača G-U: 6-39257-01-L-8 (Lijeva);
6-39257-01-R-8 (Desna)
- Striking plate (flat) 22x3mm,
- manufacturer code G-U: 6-39257-01-L-8 (Left);
6-39257-01-R-8 (Right)

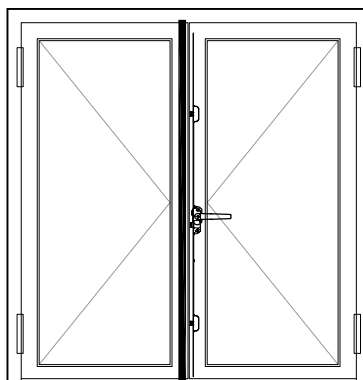
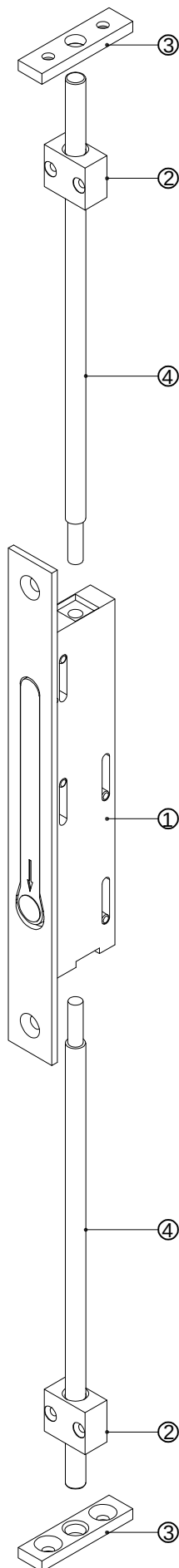
4) **122.055**

- Elektro otvarač vrata GU ET8 AES (9-24V-AC/DC), 60N 100%E
- oznaka proizvođača G-U: 6-38473-02-0-1
(Elektro otvarač se koristi po želji)
- Electrical door opener GU ET8 AES (9-24V-AC/DC), 60N 100%E
- manufacturer code G-U: 6-38473-02-0-1
(Electrical door opener is optional)

5) **122.030**

- Kućište zasuna brave (62mm)
- oznaka proizvođača G-U: 9-48553-03-0-6
(Element po želji)
- Latch bolt casement (62mm).
- manufacturer code G-U: 9-48553-03-0-6
(Optional part)

KLJUČANJE POMOĆNOG KRILA KOD DVOKRILNIH VRATA LOCKING OF AUXILARY LEAF ON DOUBLE DOOR



1) **122.057**

- Brvica za ključanje pomoćnog krila u ramu i pragu
- oznaka proizvođača G-U: B_1899_0201_BD01
- Lock for the auxilary leaf in the frame and threshold
- manufacturer code G-U: B_1899_0201_BD01

2) **521.312**

- Usmjerivač osovinice
- Shaft positioner

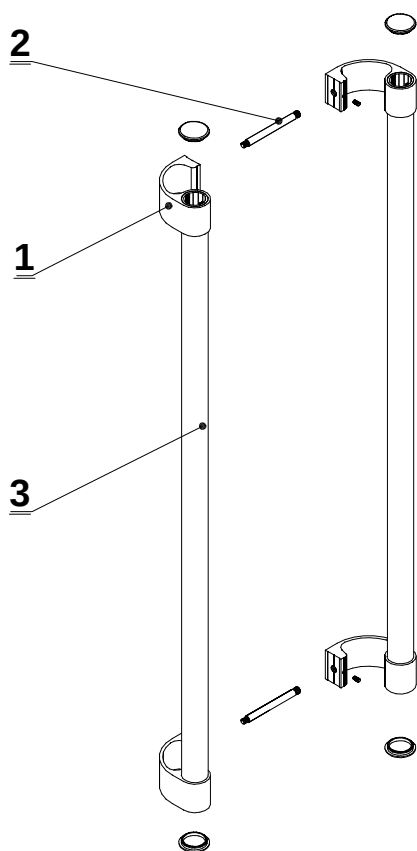
3) **521.314**

- Pločica u ramu i pragu za ključanje pomoćnog krila
- Insert plate in the frame and threshold for the locking of auxilary leaf

4) **521.315**

- Osovinica Ø8 mm; L=2000 mm
- Shaft Ø8mm; L=2000 mm

RUKOHVAT ZA VRATA (OBOSTRANO)
DOOR PULL HANDLE (BOTH SIDES)



1. Art. **100.019** kom 1

Artikal sadržava:

- nosač rukohvata, vanjski art.391.182 kom 2
- nosač rukohvata, unutarnji art.391.181 kom 2
- čep za profil rukohvata art. 375.075 kom 4
- vijak imbus M6x10 DIN 914 art.431.342 kom 2
- vijak imbus M5x4 DIN 913 art.431.805 kom 4

2. Art. **391.179**

-inox osovina (L= 114mm) kom 2

3. Profil rukohvata vrata **F-0829** kom 2

Profil F-0829 se pila na mjeru - prema zahtjevu kupca,
a isporučuje se u standardnoj mjeri - 6500 mm

1. Art. **100.019** pcs 1

Elements of products:

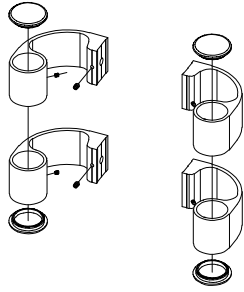
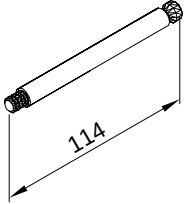
- handrail carrier, outside art.391.182 pcs 2
- handrail carrier, inside art.391.181 pcs 2
- plug for profile of handrail art. 375.075 pcs 4
- screw M6x10 DIN 914 art.431.342 pcs 2
- screw M5x4 DIN 913 art.431.805 pcs 4

2. Art. **391.179**

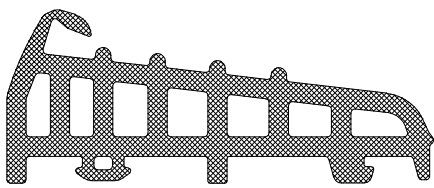
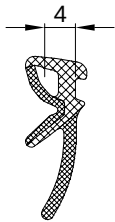
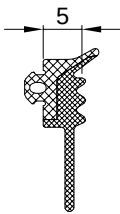
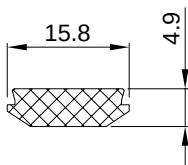
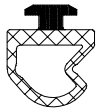
-inox shaft (L= 114mm) pcs 2

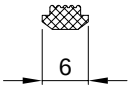
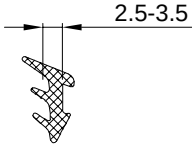
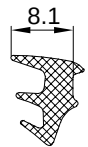
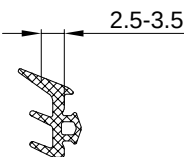
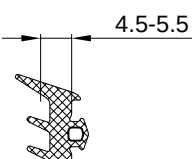
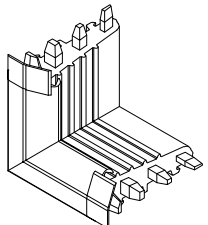
3. Handrail profile of door **F-0829** pcs 2

The profile OF-0829 is cutted at dimension- according to
request of customer and delivering in standard dimension-6500 mm

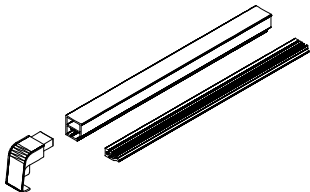
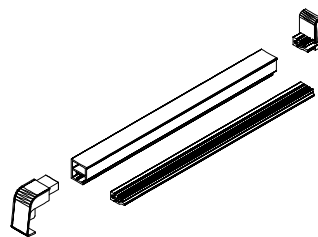
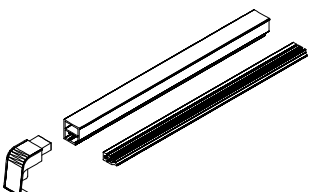
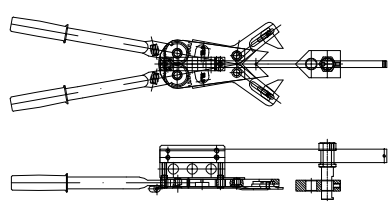
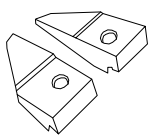
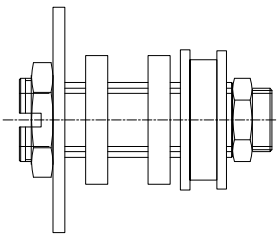
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
100.019 01 02 03		- Nosač rukohvata F-0829 - Boje: 01- bijela; 02 - siva;03 - crna - Carrier handrail F-0829 - Color: 01- white; 02 - gray;03 - black		
391.179		- Inox osovina (L=114mm) - Inox shaft (L=114 mm)	Inox Inox	

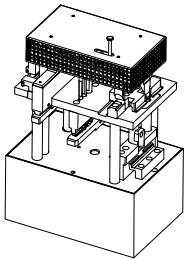
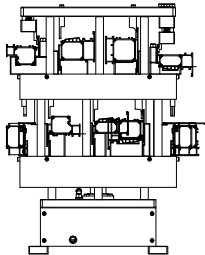
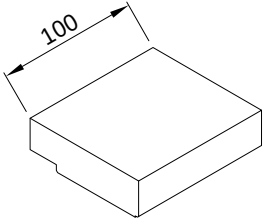
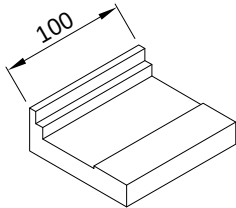
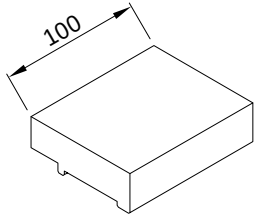
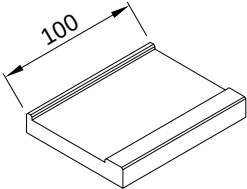
Brve Gaskets

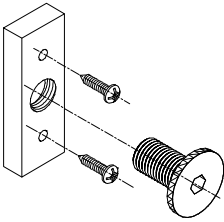
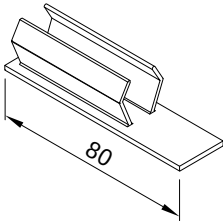
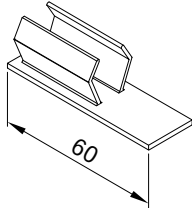
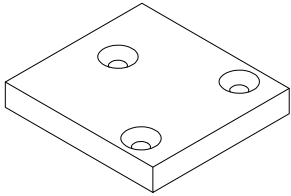
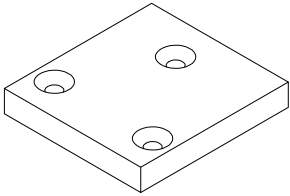
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
337.001		- Srednja brtva - Central gasket	Spužvasti EPDM Foam EPDM	0.75 kg/m ³
317.001		- Brtva prema staklu /unutarnja/ - Glazing gasket /interior/	EPDM + Spužvasti EPDM EPDM + Foam EPDM	70 ShA + 0.80 kg/m ³
327.001		- Brtva prema staklu /vanjska/ - Glazing gasket /exterior/	EPDM + Spužvasti EPDM EPDM + Foam EPDM	60 ShA + 0.80 kg/m ³
317.002		- Brtva u profilu krila - Gasket in sash profile	EPDM + Spužvasti EPDM EPDM + Foam EPDM	60 ShA + 0.90 kg/m ³
327.002		- Brtva u profilu rama - Gasket in frame profile	Spužvasti EPDM Foam EPDM	0.90 kg/m ³
344.058		- Brtva u profilu praga - Gasket in threshold profile	TPE	65 ShA
344.088		- Brtva prema profilu praga - Gasket towards the threshold profile	TPE	50 ShD 50 ShA

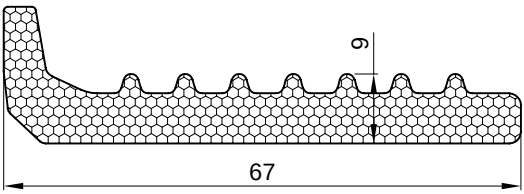
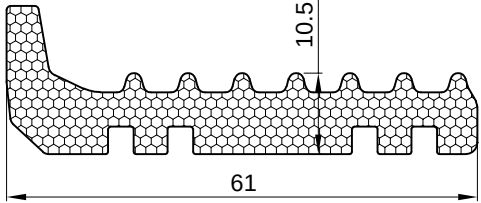
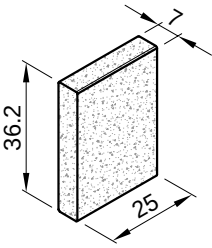
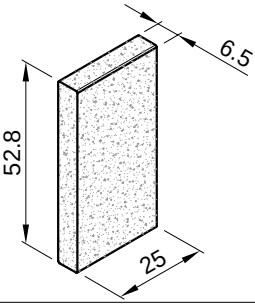
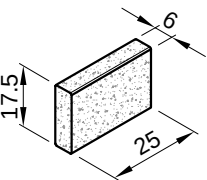
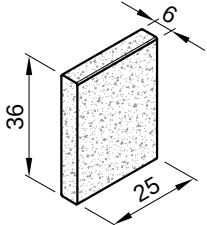
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
340.055		- Brtva (u profilu okomice F-1569) - Gasket (in french balcony profile F-1569)	ELASTRON	65 ShA
311.001		- Brtva prema staklu /unutarnja/ - Glazing gasket /interior/	EPDM	75 ShA
311.007		- Brtva prema staklu /unutarnja/ - Glazing gasket /interior/	EPDM	75 ShA
321.002		- Brtva prema staklu /vanjska/ - Glazing gasket /exterior/	EPDM	65 ShA
321.003		- Brtva prema staklu /vanjska/ - Glazing gasket /exterior/	EPDM	65 ShA
366.015		- Kutni umetak za centralnu brtvu 337.001 - Corner insert for central gasket 337.001	EPDM	30 ShA

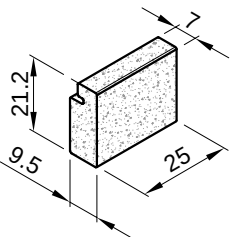
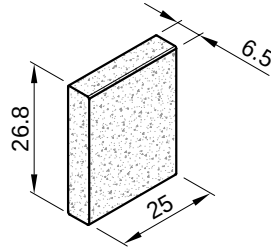
Dodaci Accessories

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
301.006. 01 02 03		- Set za bočni čep klupice - Aluminium window sill side caps	PVC TPE Al.	
301.009. 01 02 03		- Set za bočni čep klupice - Aluminium window sill side caps	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		
220.027		- Grupa glodala za obradu profila prečke FT-1220 prema profilu prečke i prema profilu rama - Milling tools for processing of a crossbar profile FT-1220 according crossbar and frame profile	Čelik Steel	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
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		
210.010		- Pneumatska štanca za odvod kapljevina i ventilaciju: 1. Profil krila prozora Termo 85 PA 2. Profile krila i rama prozora T85 PA u fasadi - Stara oznaka: Štanca S10 - Pneumatic punching machine for water drainage and ventilation for: 1. Sash profiles of the window Termo 85 PA 2. Sash and frame profiles of the window Termo 85 PA in the facade - Former code: Štanca S10		
371.025		- Umetak za pilanje profila krila (l=100mm) - Insert for cutting of the sash profile (l=100mm)	Teflon	
371.026		- Umetak za pilanje profila krila (l=100mm) - Insert for cutting of the sash profile (l=100mm)	Teflon	
371.027		- Umetak za pilanje profila rama i prečke (l=100mm) - Insert for cutting of the frame profile and window crossbar (l=100mm)	Teflon	
371.028		- Umetak za pilanje profila rama (l=100mm) - Insert for cutting of the frame profile (l=100mm)	Teflon	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
521.286		- Element za ugradnju - Instalation elemet	Al. PVC.	
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.	
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 desna 50 mm x 54 mm x 8 mm - French balcony aluminium glass support right 50 mm x 54 mm x 8 mm	Al.	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
340.142		- Ispuna po opsegu stakla sa ljepljivom trakom - Izoterm plamaframe - Insulation around the glass with sticky band - Isoterm plamaframe	XPE	
340.143		- Ispuna po opsegu stakla sa ljepljivom trakom - Izoterm plamaframe - Insulation around the glass with sticky band - Isoterm plamaframe	XPE	
340.268	 L=25mm	- XPS barijera za komoru 6x35.2 - ZA profil: FT-1200 - XPS barrier for chamber 6x35.2 - For profile: FT-1200	XPS	
340.269	 L=25mm	- XPS barijera za komoru 5.5x51.8 - ZA profil: FT-1220 - XPS barrier for chamber 5.5x51.8 - For profile: FT-1220	XPS	
340.286	 L=25mm	- XPS barijera za komoru 5x16.5 - ZA profil: FT-1210 - XPS barrier for chamber 5x16.5 - For profile: FT-1210	XPS	
340.287	 L=25mm	- XPS barijera za komoru 5x35 - ZA profil: FT-1211 - XPS barrier for chamber 5x35 - For profile: FT-1211	XPS	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
340.288	 L=25mm	- XPS barijera za komoru 8.5x20.2 - ZA profil: FT-1201 - XPS barrier for chamber 8.5x20.2 - For profile: FT-1201	XPS	
340.358	 L=25mm	- XPS barijera za komoru 5.5x25.8 - ZA profil: FT-1221 - XPS barrier for chamber 5.5x25.8 - For profile: FT-1221	XPS	

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

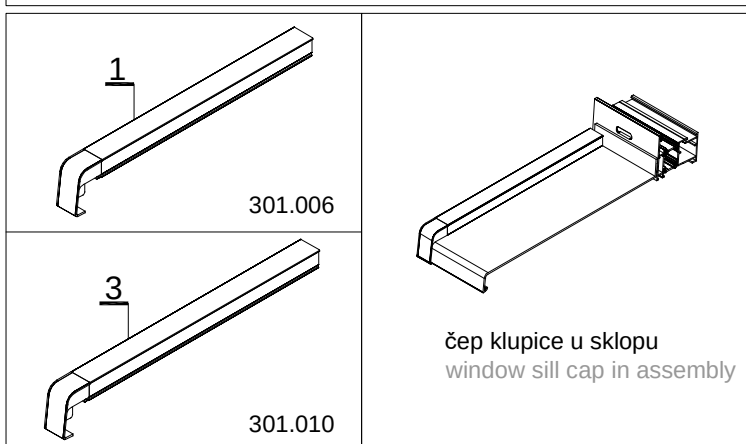
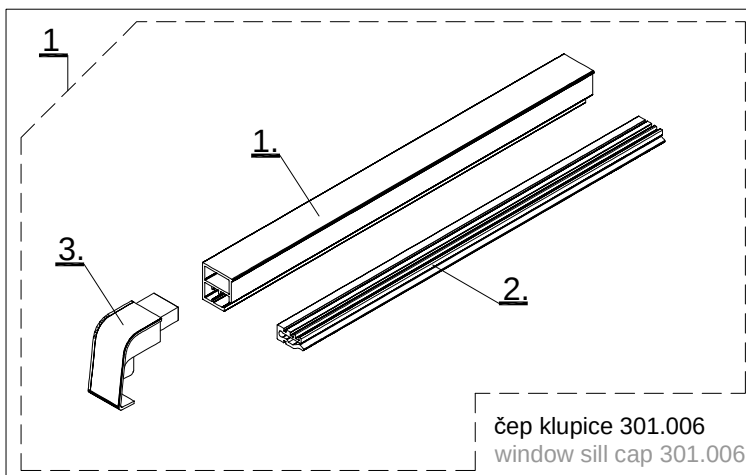
- 1 - Set za bočni čep klupice 301.006
- 2 - Set za bočni čep klupice 301.009
- 3 - Set za bočni čep klupice 301.010

-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

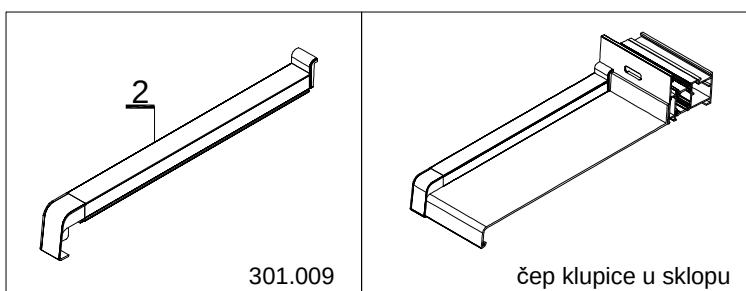
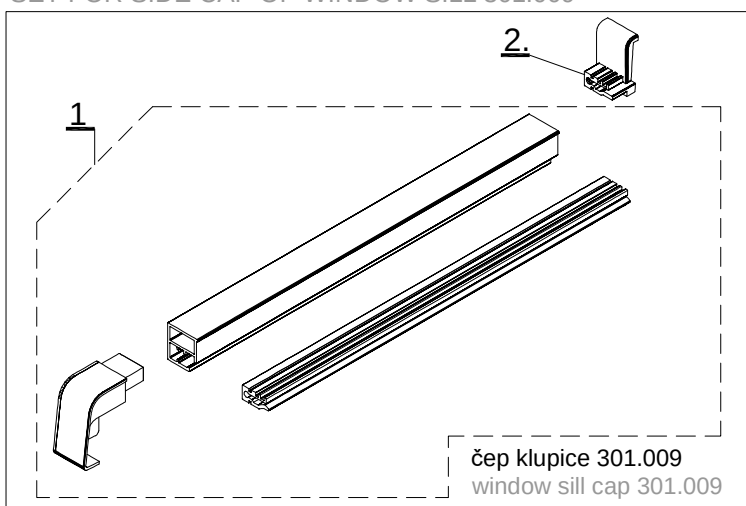
- 1 - Set for side cap of window sill 301.006
- 2 - Set for side cap of window sill 301.009
- 3 - Set for side cap of window sill 301.010

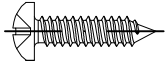
-Side cap set 301.006 and 301.009 are in size of window sill profile F-0680/J (280 mm)
-For smaller window sills side caps are shorten according to article dimensions
-Set for side cap 301.010 - (360 mm)
-Selection of cap colour according to RAL-map

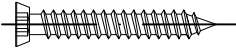
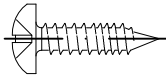
- 1 - Set klupice 301.006
- 2. - Čep do otvora-prihvatnik klupice i profila
- 1 - Window sill set 301.006
- 2. - Cap next to the opening - Window sill and profile acceptor



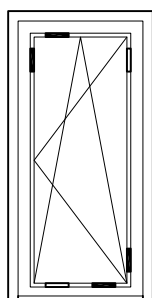
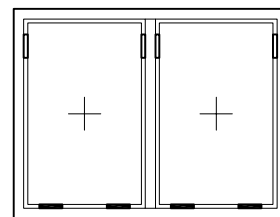
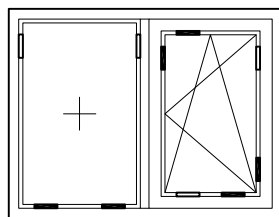
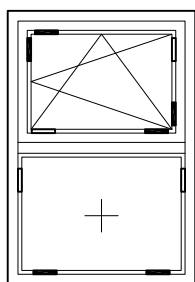
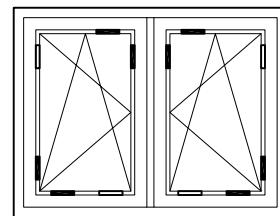
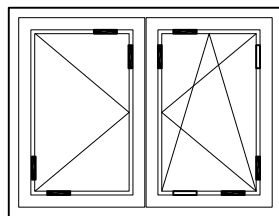
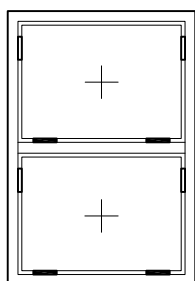
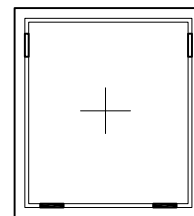
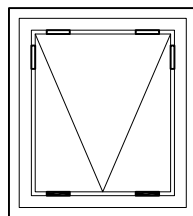
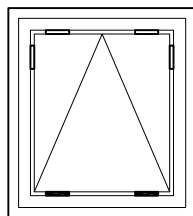
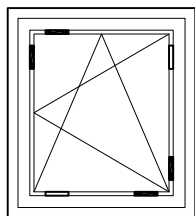
SET ZA BOČNI ČEP PROZORSKE KLUPICE 301.009 SET FOR SIDE CAP OF WINDOW SILL 301.009



Oznaka Code	Opis Description	Izgled-presjek View-cross section	Materijal Material	Napomena Remark
433.008	vijak 3.5x32 DIN 7981 screw 3.5x32 DIN 7981		Inox A2	
433.017	vijak 3.9x16 DIN 7981 screw 3.9x16 DIN 7981		Inox A2	
433.018	vijak 3.9x19 DIN 7981 screw 3.9x19 DIN 7981		Inox A2	
433.019	vijak 3.9x22 DIN 7981 screw 3.9x22 DIN 7981		Inox A2	
433.020	vijak 3.9x25 DIN 7981 screw 3.9x25 DIN 7981		Inox A2	
433.021	vijak 3.9x32 DIN 7981 screw 3.9x32 DIN 7981		Inox A2	
433.022	vijak 3.9x38 DIN 7981 screw 3.9x38 DIN 7981		Inox A2	
433.023	vijak 3.9x45 DIN 7981 screw 3.9x45 DIN 7981		Inox A2	
433.042	vijak 4.8x16 DIN 7981 screw 4.8x16 DIN 7981		Inox A2	
433.048	vijak 4.8x45 DIN 7981 screw 4.8x45 DIN 7981		Inox A2	
433.051	vijak 4.8x70 DIN 7981 screw 4.8x70 DIN 7981		Inox A2	
433.052	vijak 4.8x80 DIN 7981 screw 4.8x80 DIN 7981			
433.095	vijak 3.5x25 DIN 7982 screw 3.5x25 DIN 7982		Inox A2	
433.108	vijak 3.9x25 DIN 7982 screw 3.9x25 DIN 7982		Inox A2	
433.109	vijak 3.9x32 DIN 7982 screw 3.9x32 DIN 7982		Inox A2	
433.129	vijak 4.8x16 DIN 7982 screw 4.8x16 DIN 7982		Inox A2	
433.132	vijak 4.8x25 DIN 7982 screw 4.8x25 DIN 7982		Inox A2	
433.133	vijak 4.8x32 DIN 7982 screw 4.8x32 DIN 7982		Inox A2	
433.134	vijak 4.8x38 DIN 7982 screw 4.8x38 DIN 7982		Inox A2	
433.135	vijak 4.8x45 DIN 7982 screw 4.8x45 DIN 7982		Inox A2	
433.136	vijak 4.8x50 DIN 7982 screw 4.8x50 DIN 7982		Inox A2	
433.137	vijak 4.8x60 DIN 7982 screw 4.8x60 DIN 7982		Inox A2	
433.150	vijak 5.5x38 DIN 7982 screw 5.5x38 DIN 7982		Inox A2	

Oznaka Code	Opis Description	Izgled-presjek View-cross section	Materijal Material	Napomena Remark
430.117	tiplo sa vijkom (fischer SXS 10 x 80 T) Frame Fixing Screw (fischer SXS 10 x 80 T)		Inox A2	
430.183	turbo vijak (fischer FFS 7.5 x 52) turbo screw (fischer FFS 7.5 x 52)		Inox A2	
430.184	turbo vijak (fischer FFS 7.5 x 62) turbo screw (fischer FFS 7.5 x 62)		Inox A2	
430.188	udarna tipla sa vijkom (fischer N5x30 S) hammer fix plugs with pre-fitted nails (fischer N5x30 S)		Inox A2	
433.208	vijak za drvo 4x16 sa ravnom glavom i PZ prihvatom wood screw 4x16 with flat head PZ drive		Inox A2	
433.209	vijak za drvo 4x50 sa ravnom glavom i PZ prihvatom wood screw 4x50 with flat head PZ drive		Inox A2	

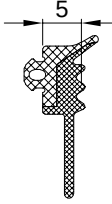
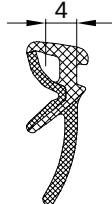
Prikaz stakljenja Glazing

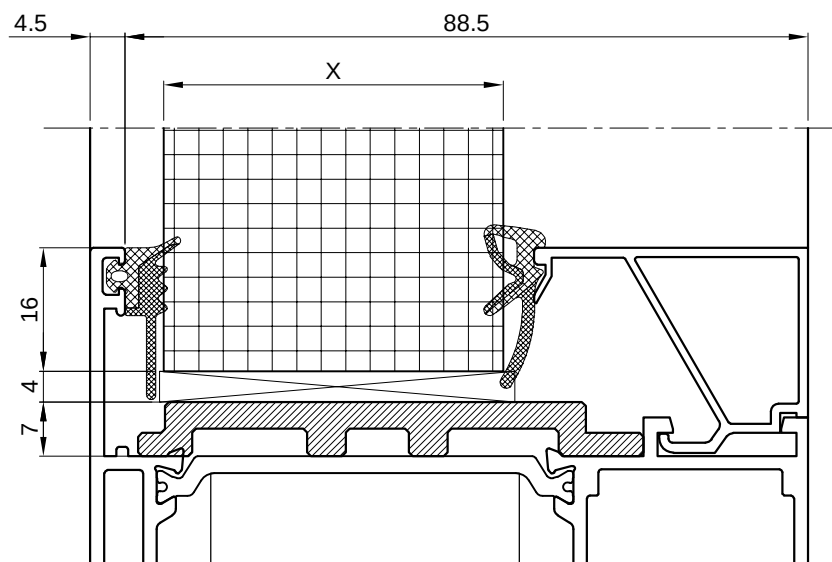
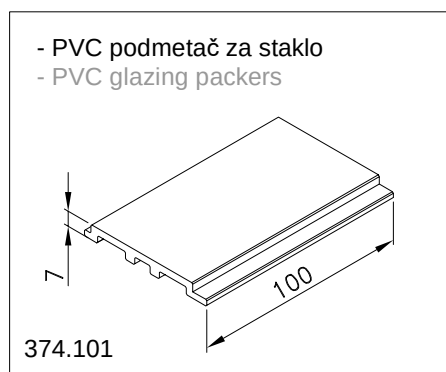
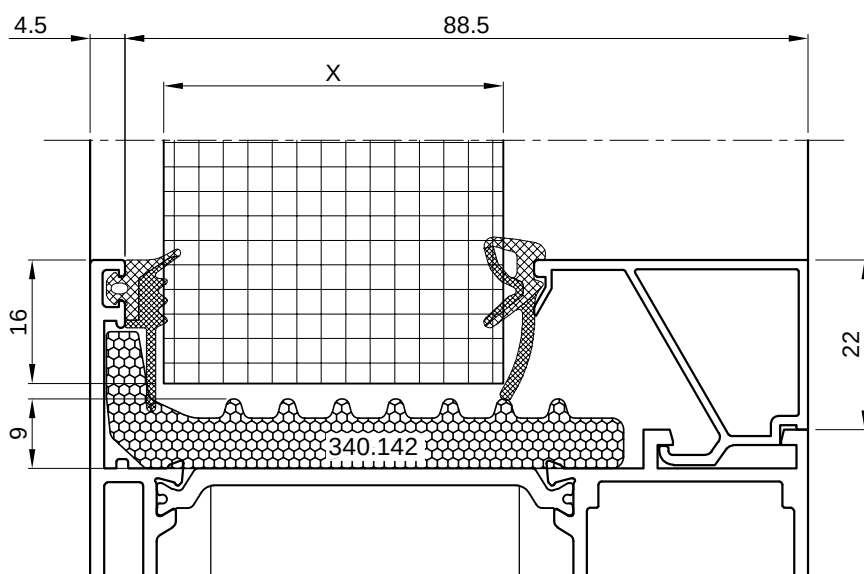
PREPORUKE ZA RASPORED PODMETAČA KOD UGRADNJE ELEMENATA ZA ISPUNU
RECOMMENDATION FOR PACKERS PLACEMENT BY INSTALLATION OF FILLINGS

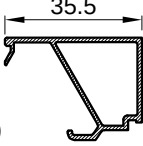
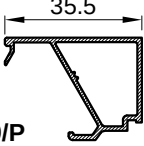
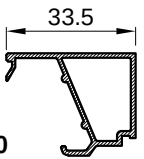
-  nosivi podmetač
support packer
-  odstojni podmetač
distance packer

Materijal podmetača: PVC
Material packers: PVC

Otvarajuće Opening

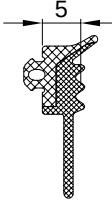
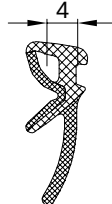
Vanjska brtva Exterior gasket	Unutarnja brtva Interior gasket
327.001	317.001
	

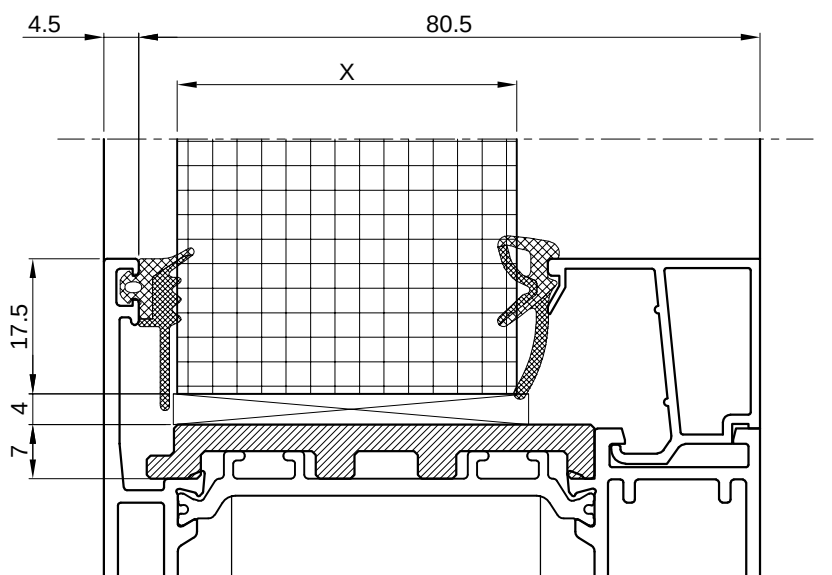
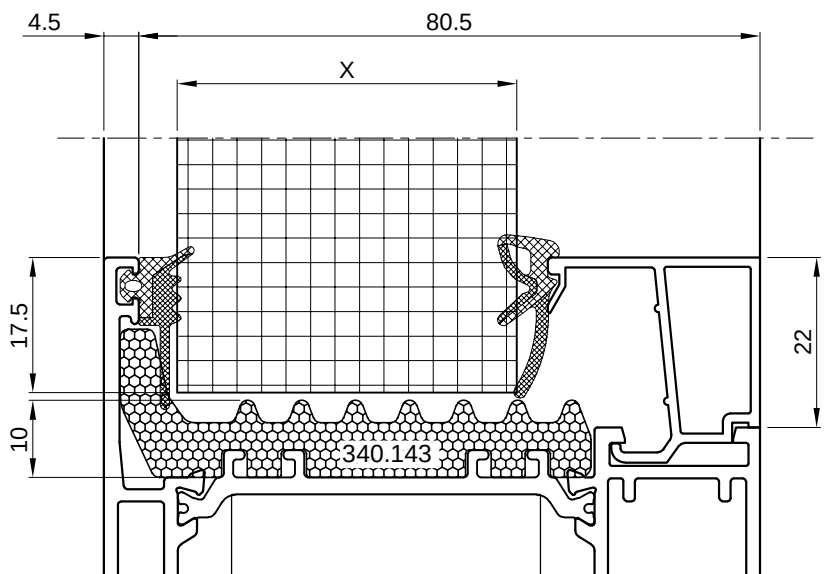
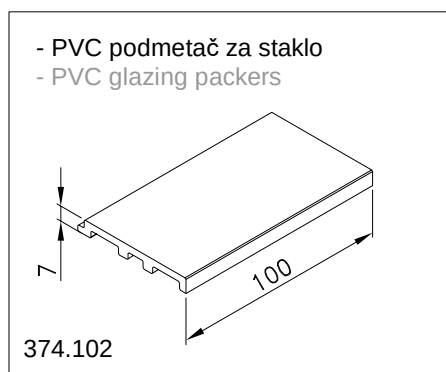


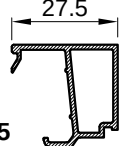
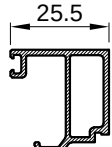
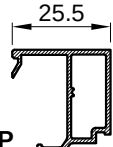
Ispuna X Fillings X	Vanjska brtva Exterior gasket	Unutarnja brtva Interior gasket	STAKLO LAJSNE GLAZING BEAD		M1:2
44	327.001	317.001			
46	327.001	317.001			

Ispuna /Fillings : 44mm (4+16+4+16+4)
 Ispuna /Fillings : 44mm (6+15+4+15+4)
 Ispuna /Fillings : 46mm (6+16+4+16+4)
 Ispuna /Fillings : 46mm (6+15+4+15+6)

Fiksno Fixed field

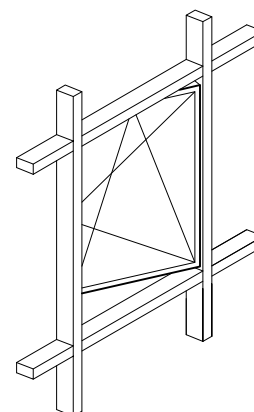
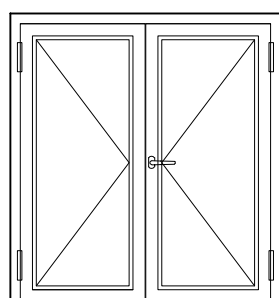
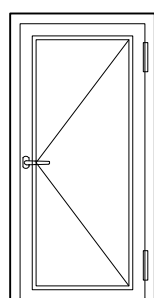
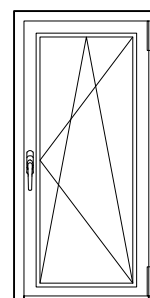
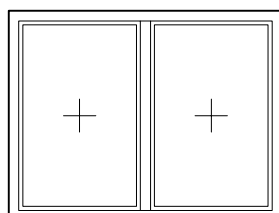
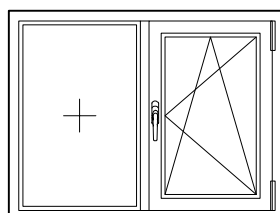
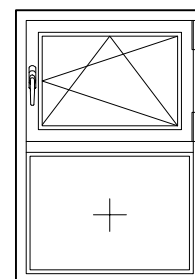
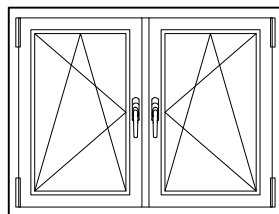
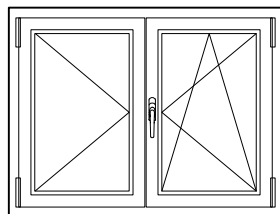
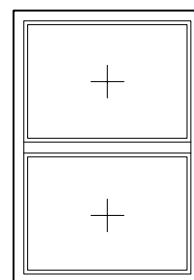
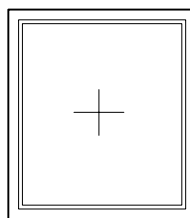
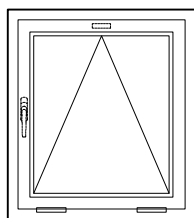
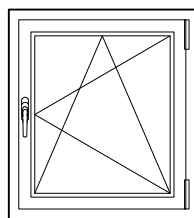
Vanjska brtva Exterior gasket	Unutarnja brtva Interior gasket
327.001	317.001
	

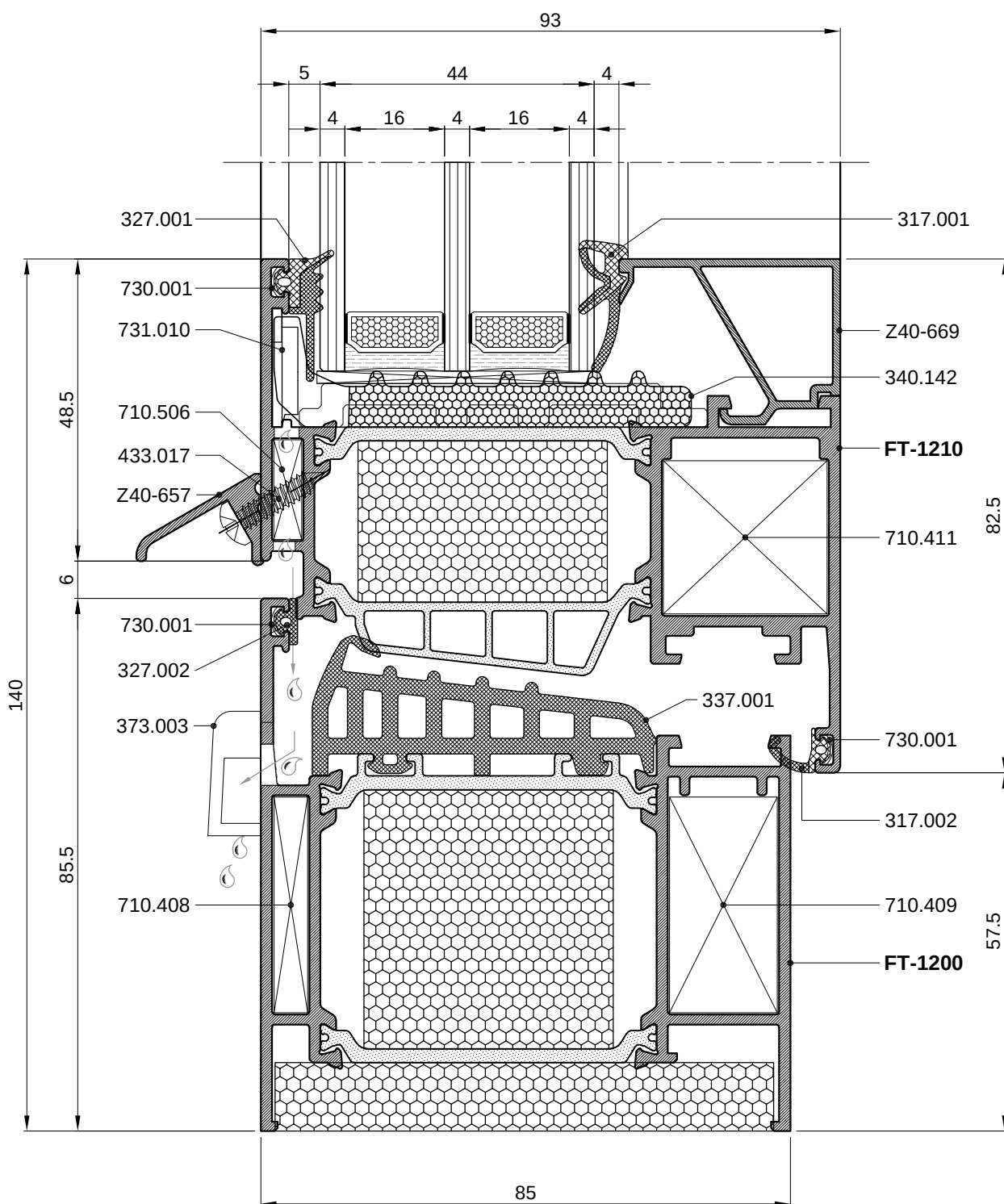
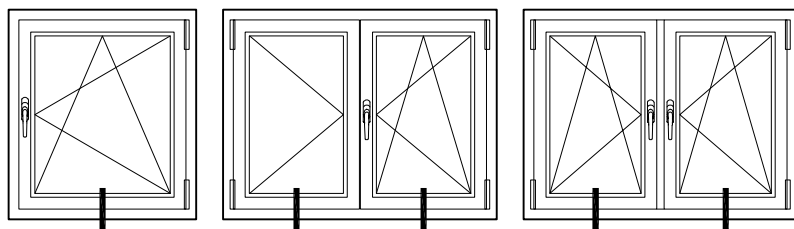


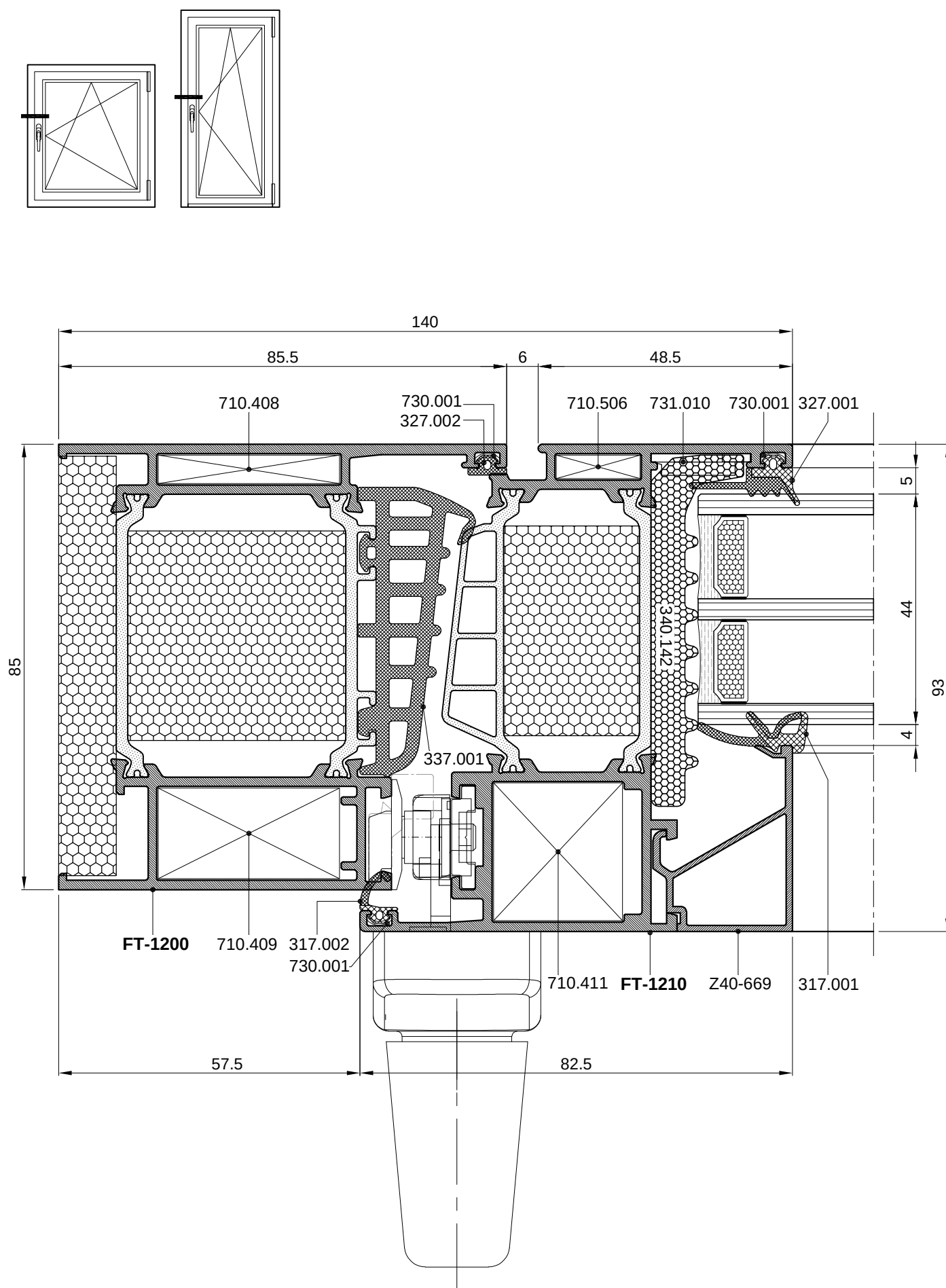
Ispuna X Fillings X	Vanjska brtva Exterior gasket	Unutarnja brtva Interior gasket	STAKLO LAJSNE GLAZING BEAD		M1:2
44	327.001	317.001			
46	327.001	317.001			

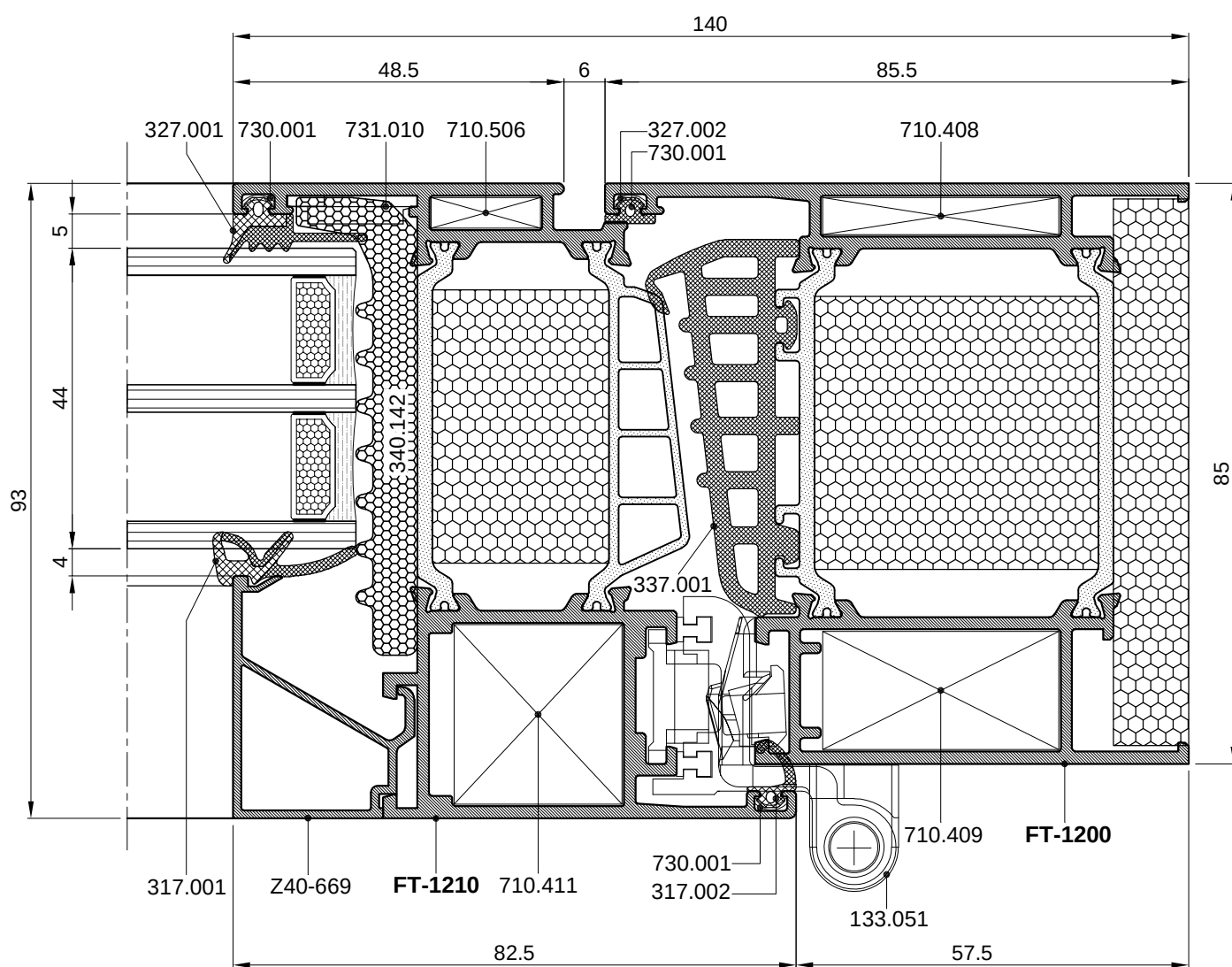
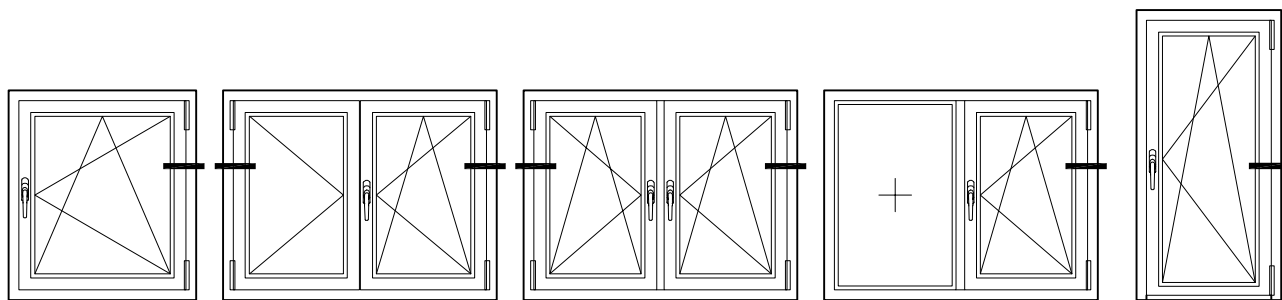
Ispuna /Fillings : 44mm (4+16+4+16+4)
 Ispuna /Fillings : 44mm (6+15+4+15+4)
 Ispuna /Fillings : 46mm (6+16+4+16+4)
 Ispuna /Fillings : 46mm (6+15+4+15+6)

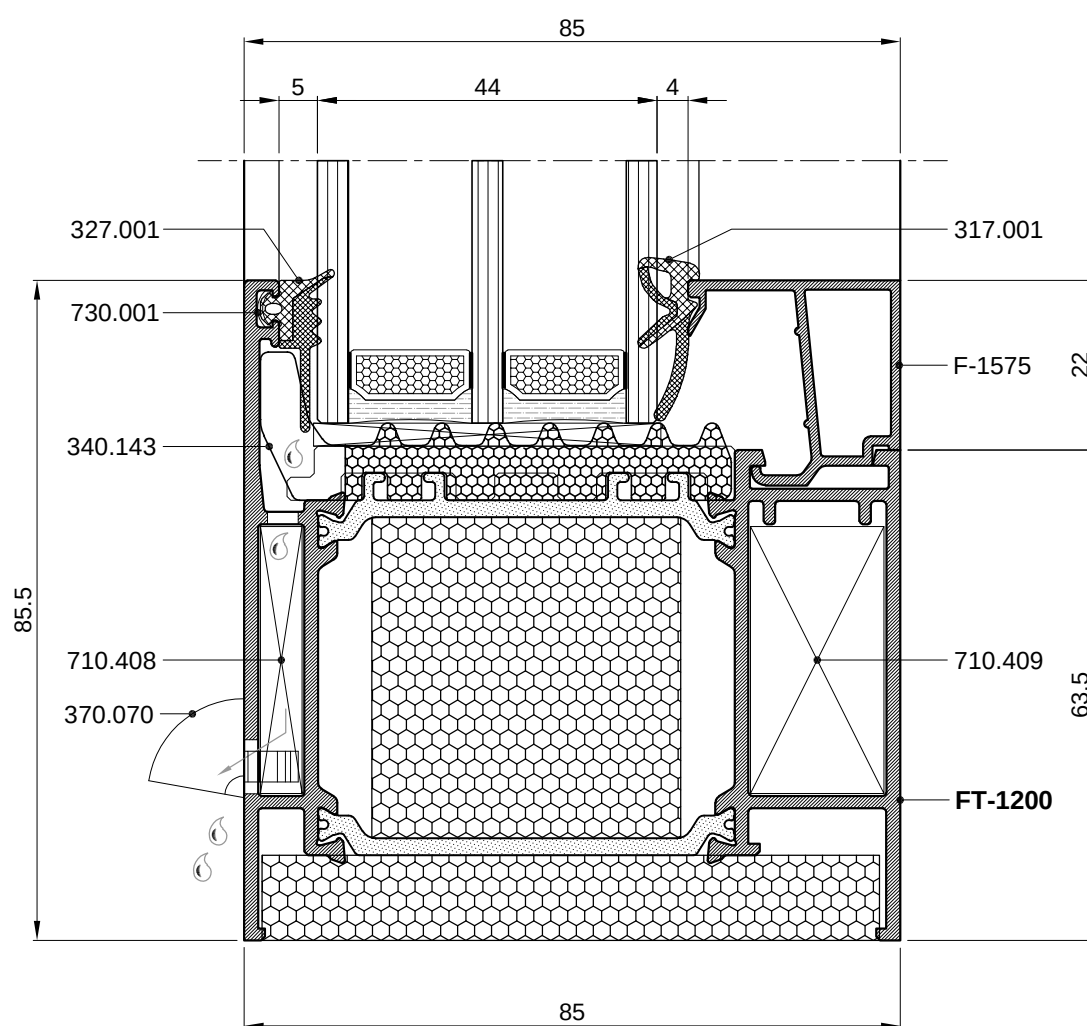
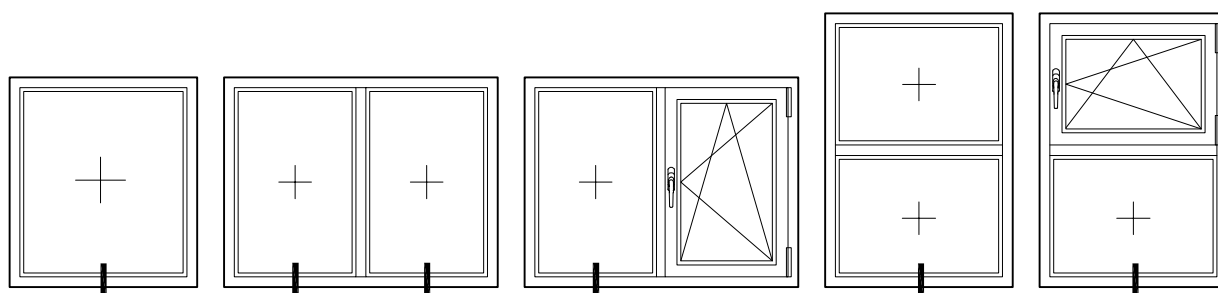
Presjeci Cross sections

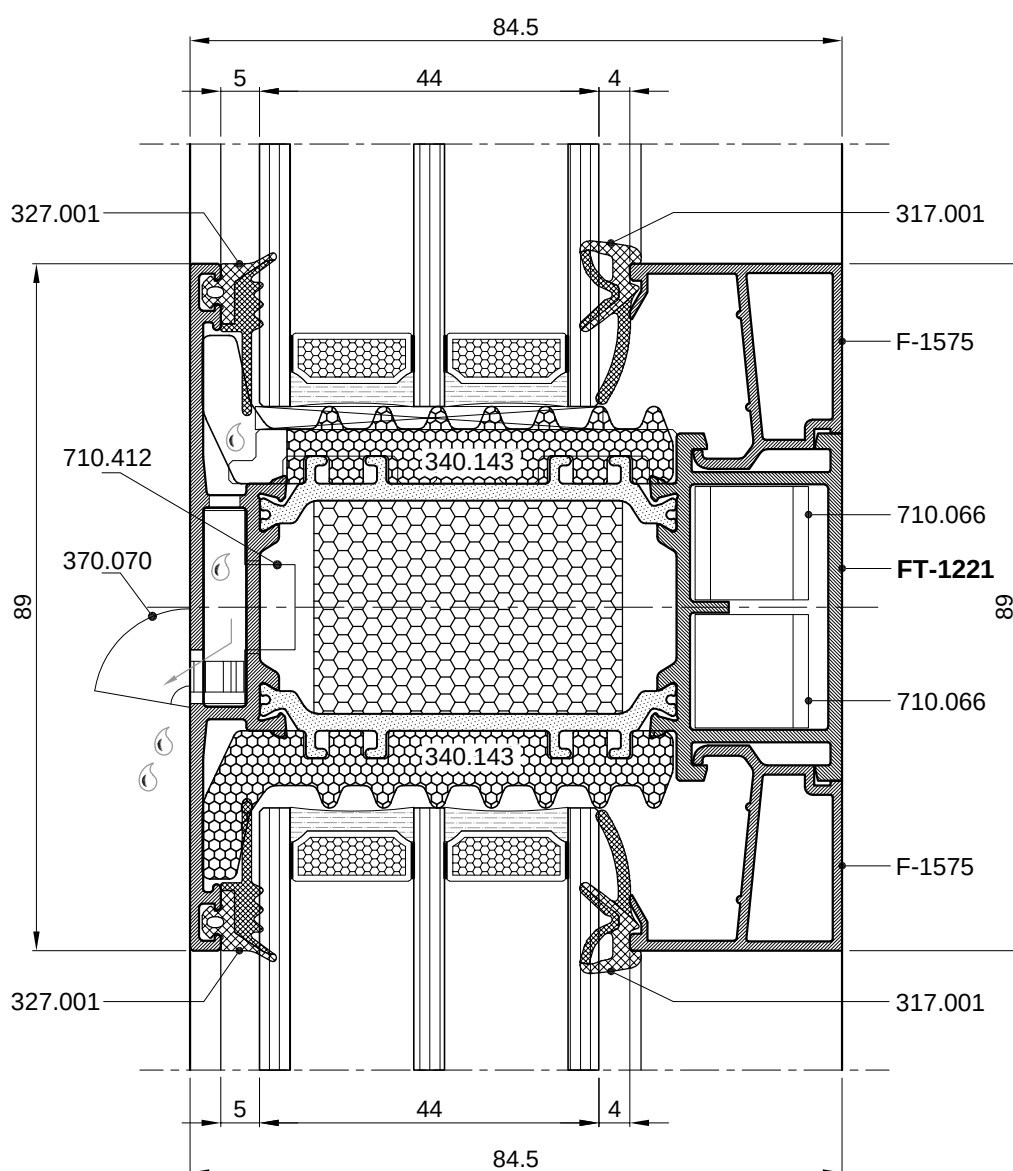
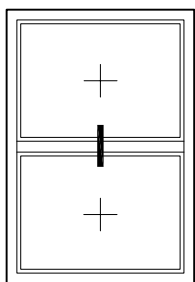


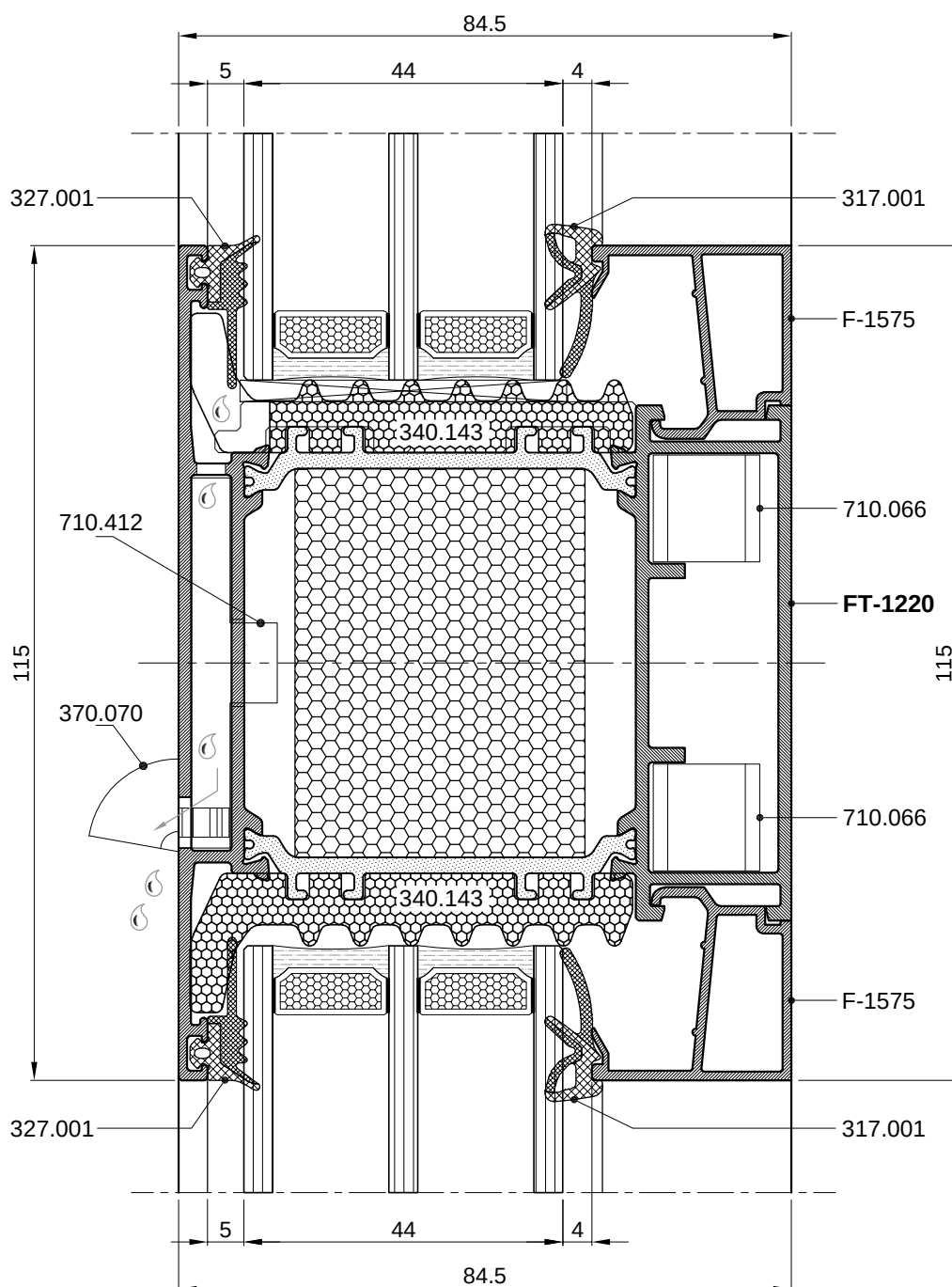
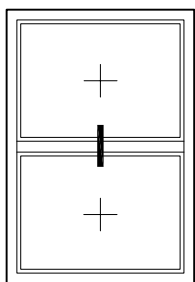


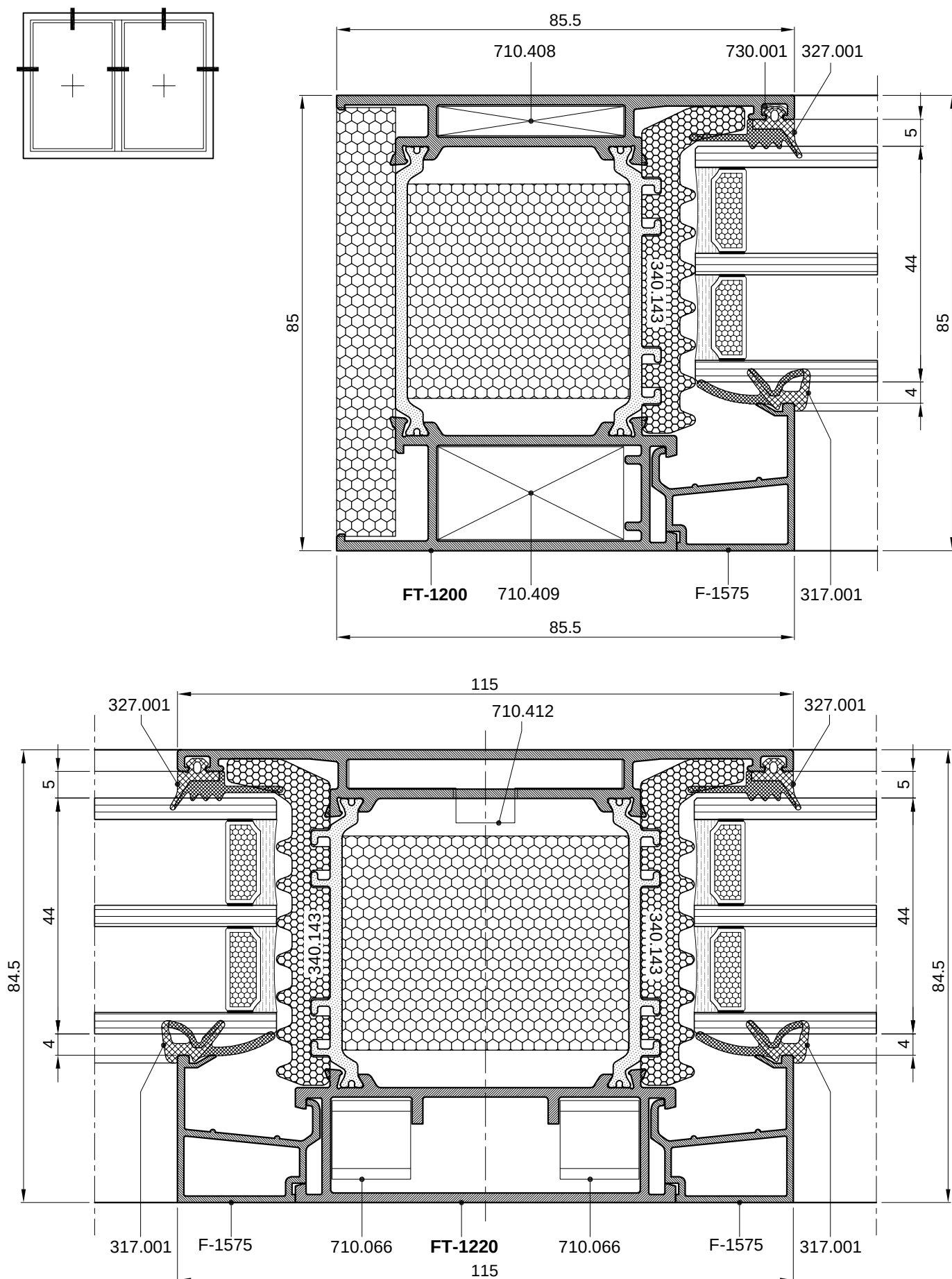


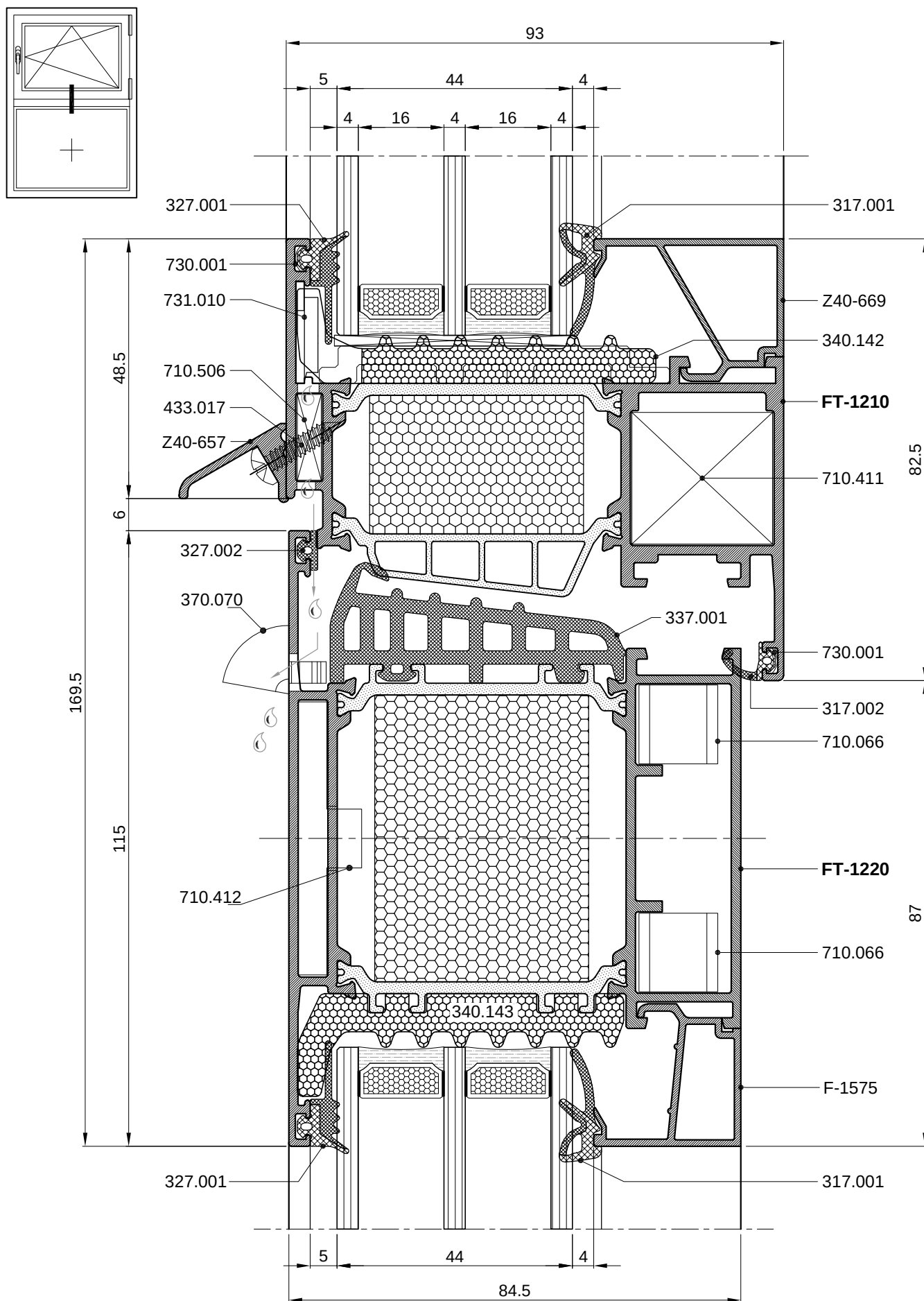


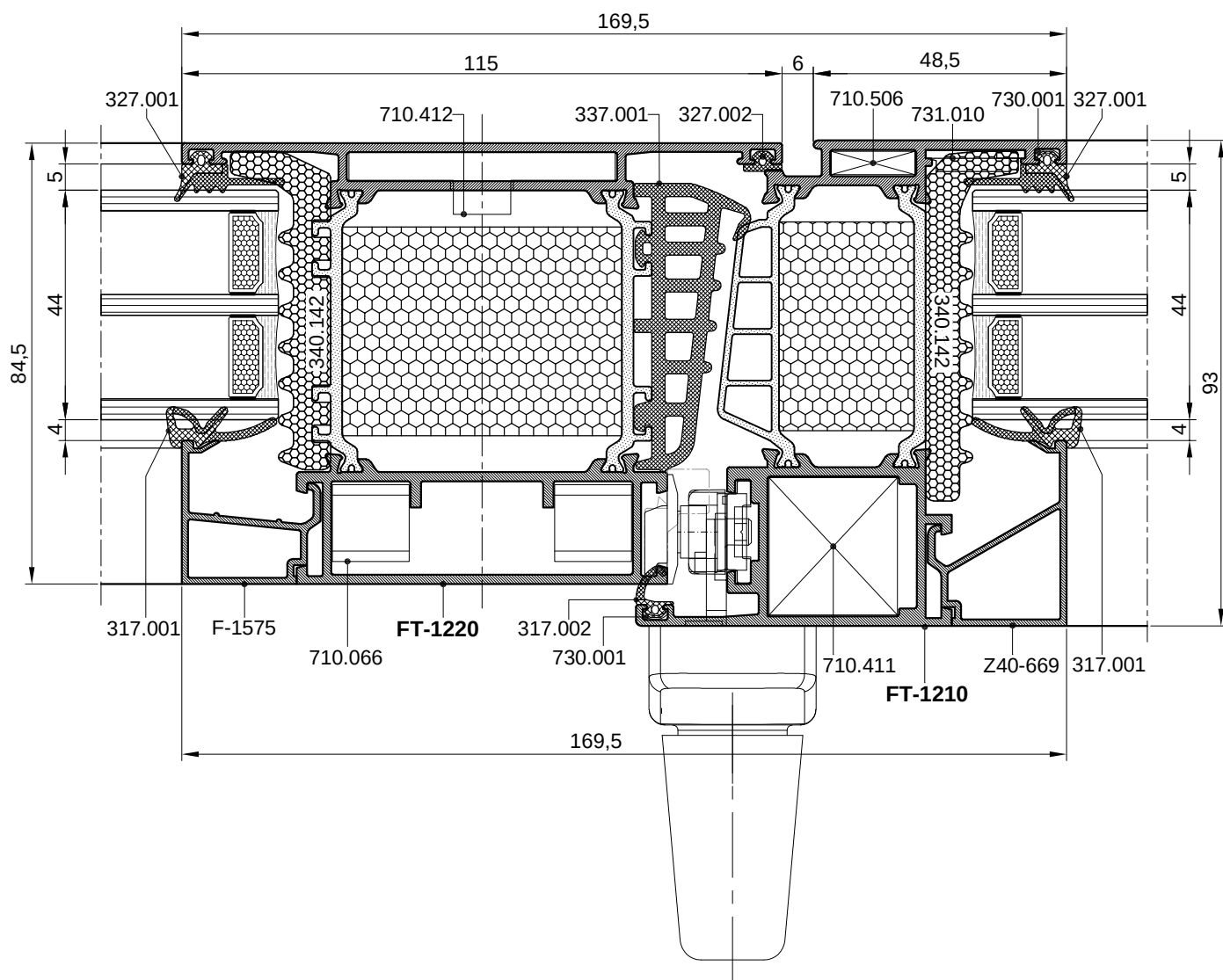
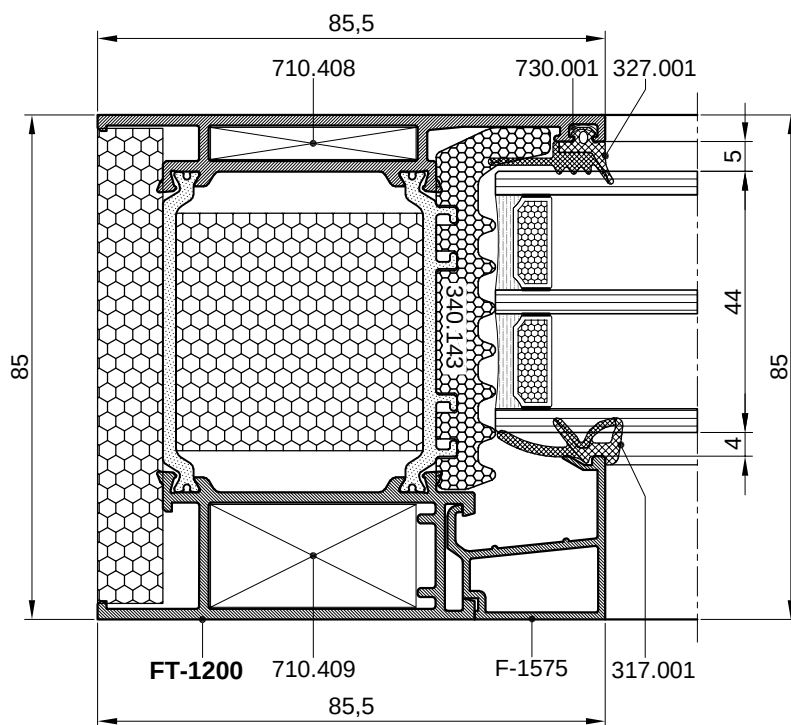
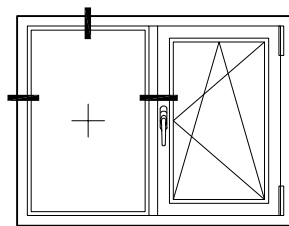


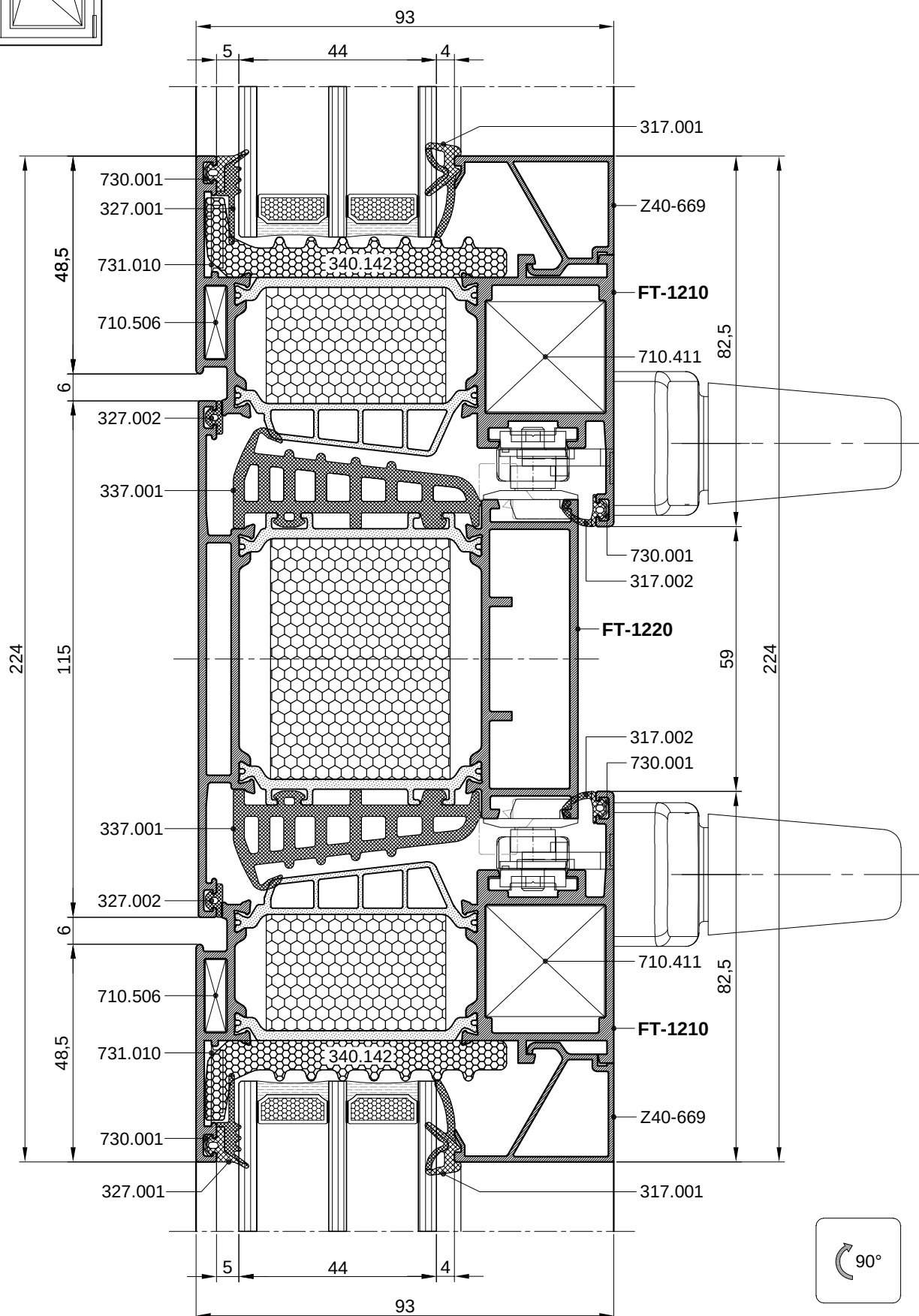
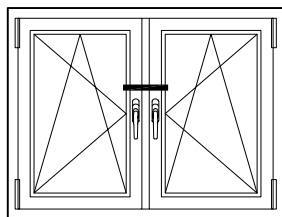


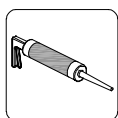
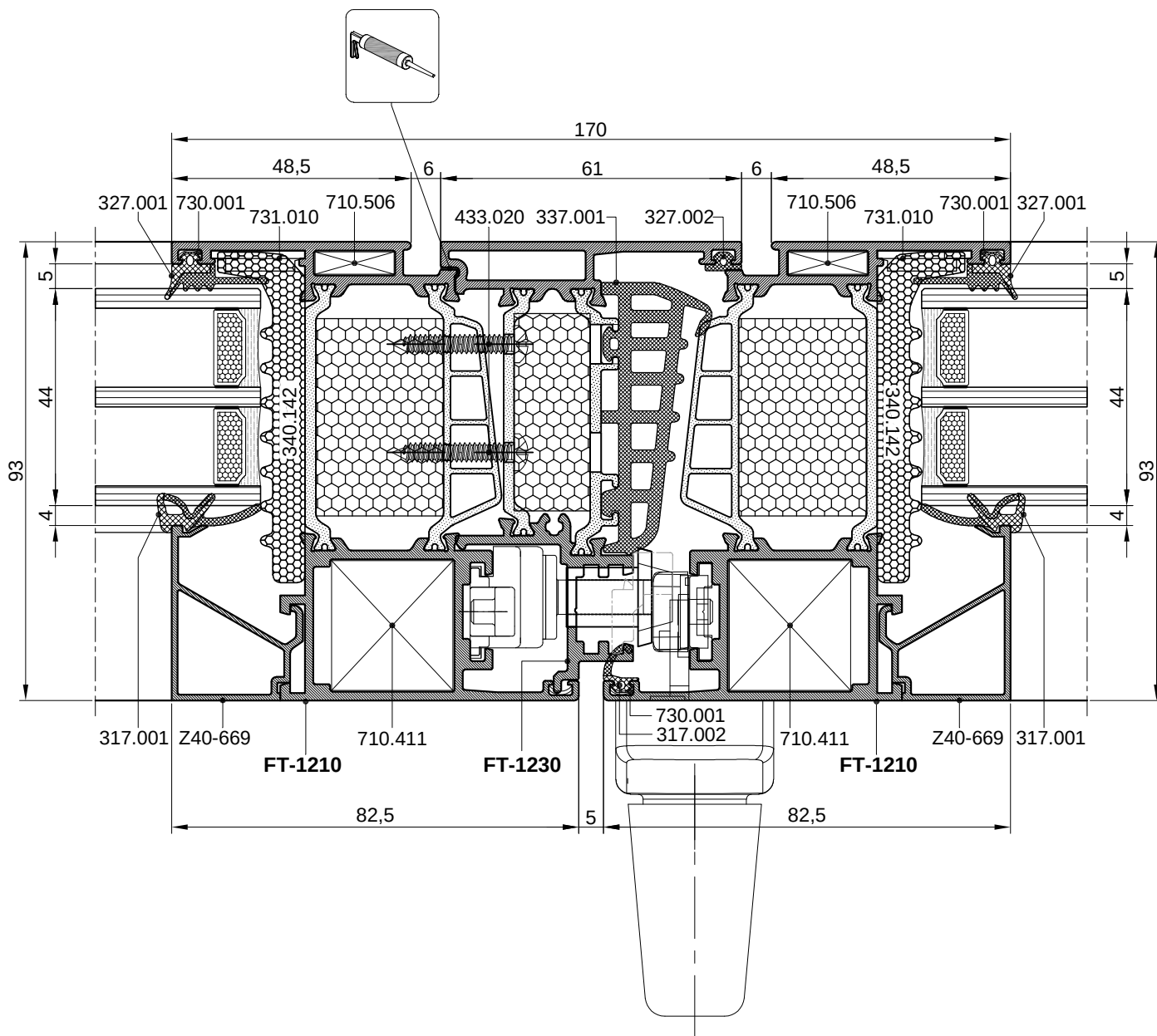
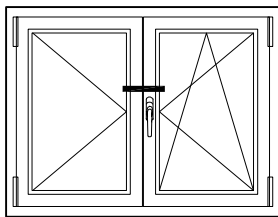




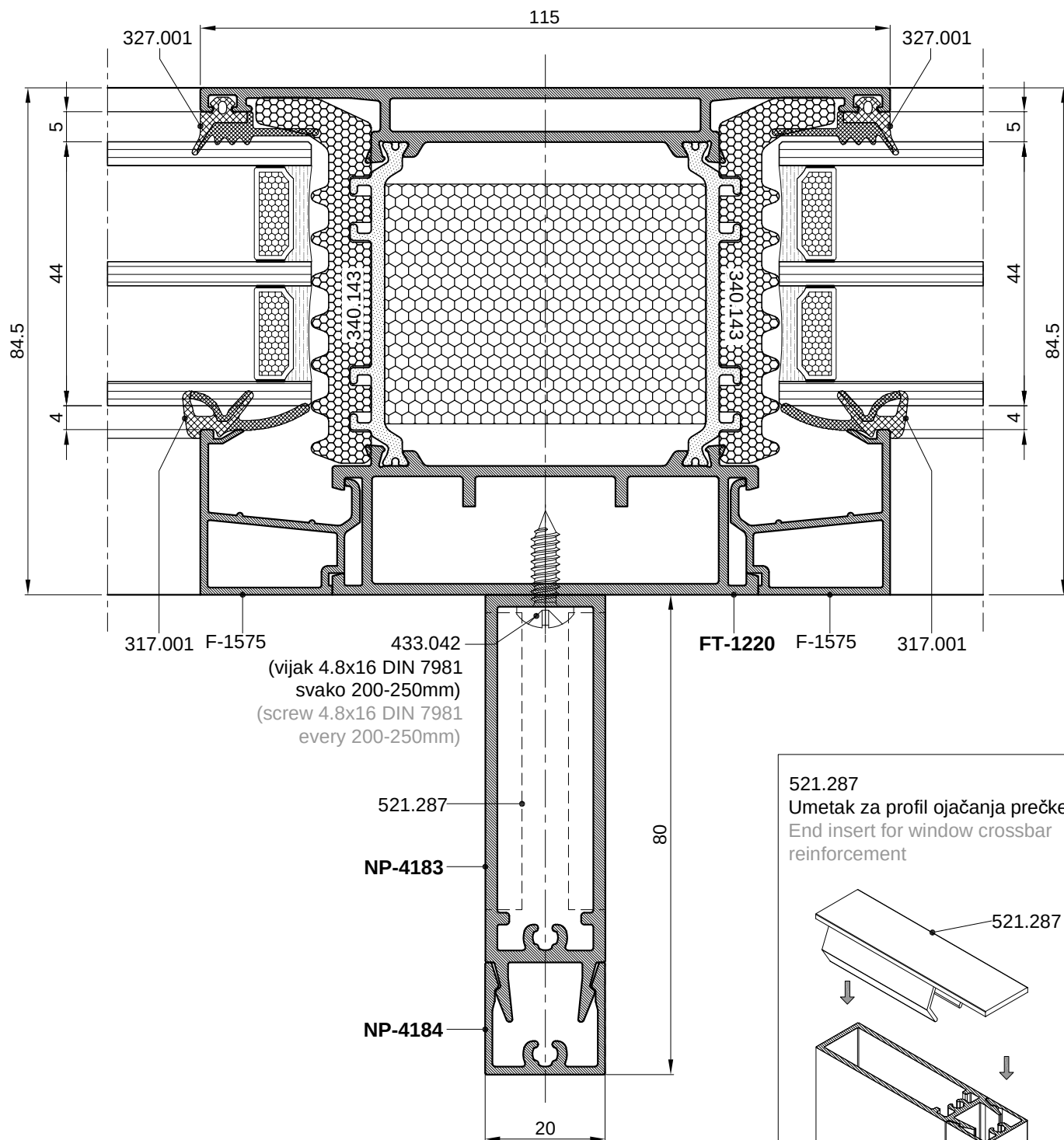
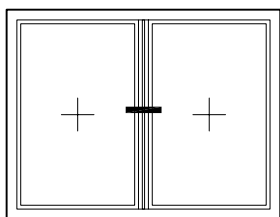




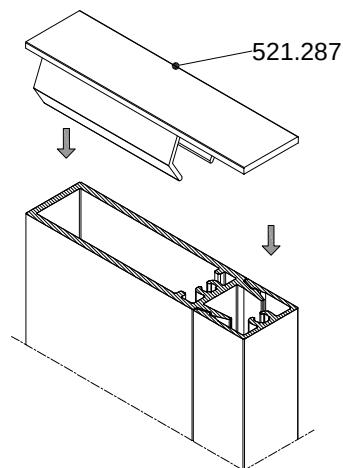




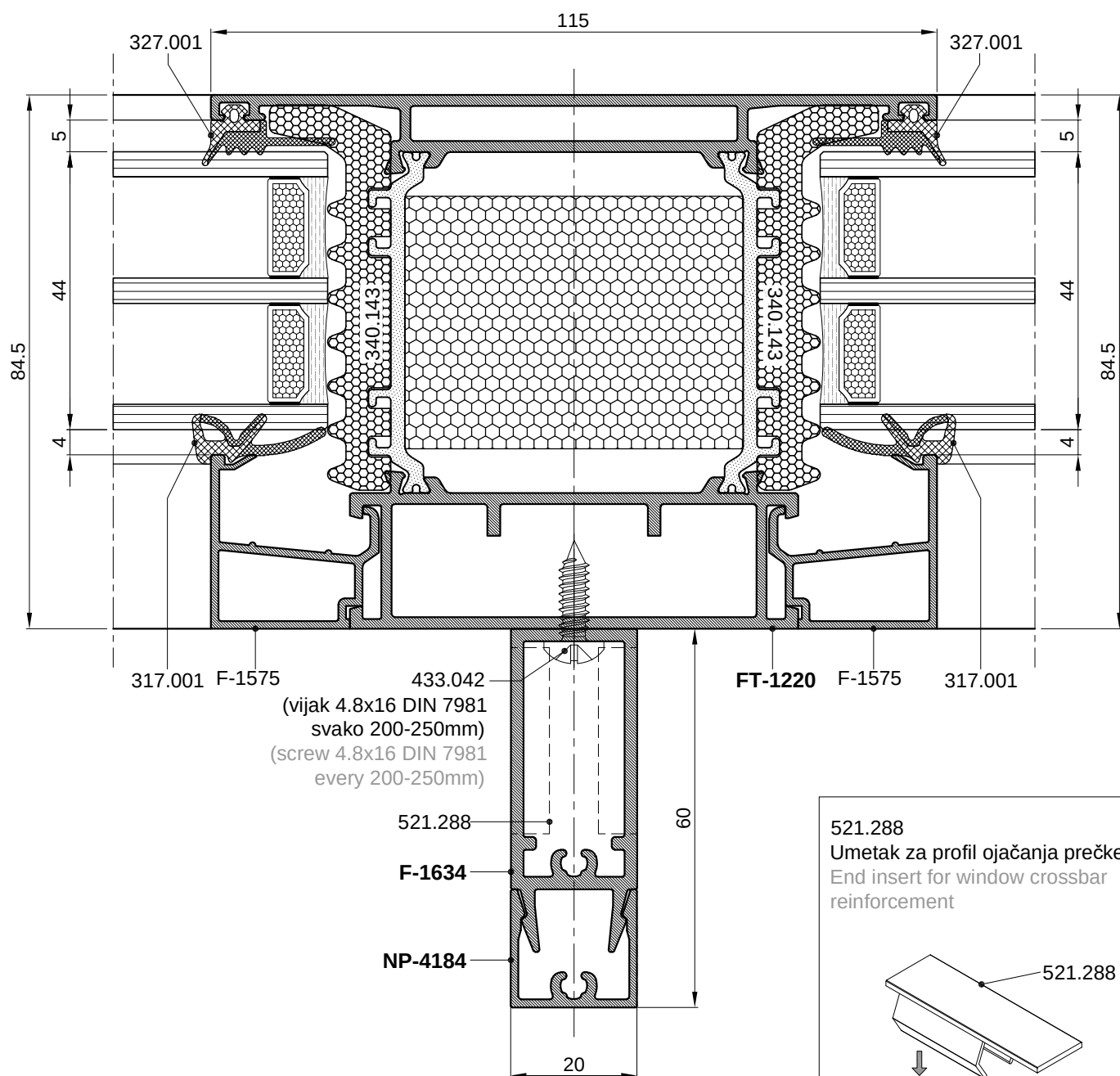
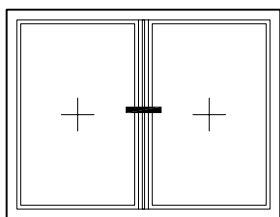
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)



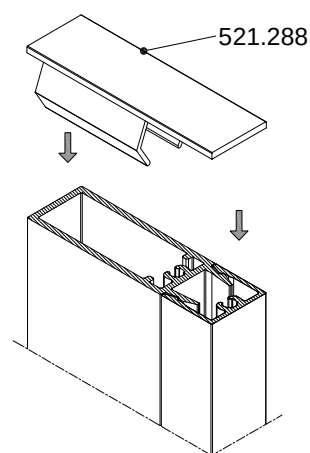
521.287
Umetak za profil ojačanja prečke
End insert for window crossbar
reinforcement



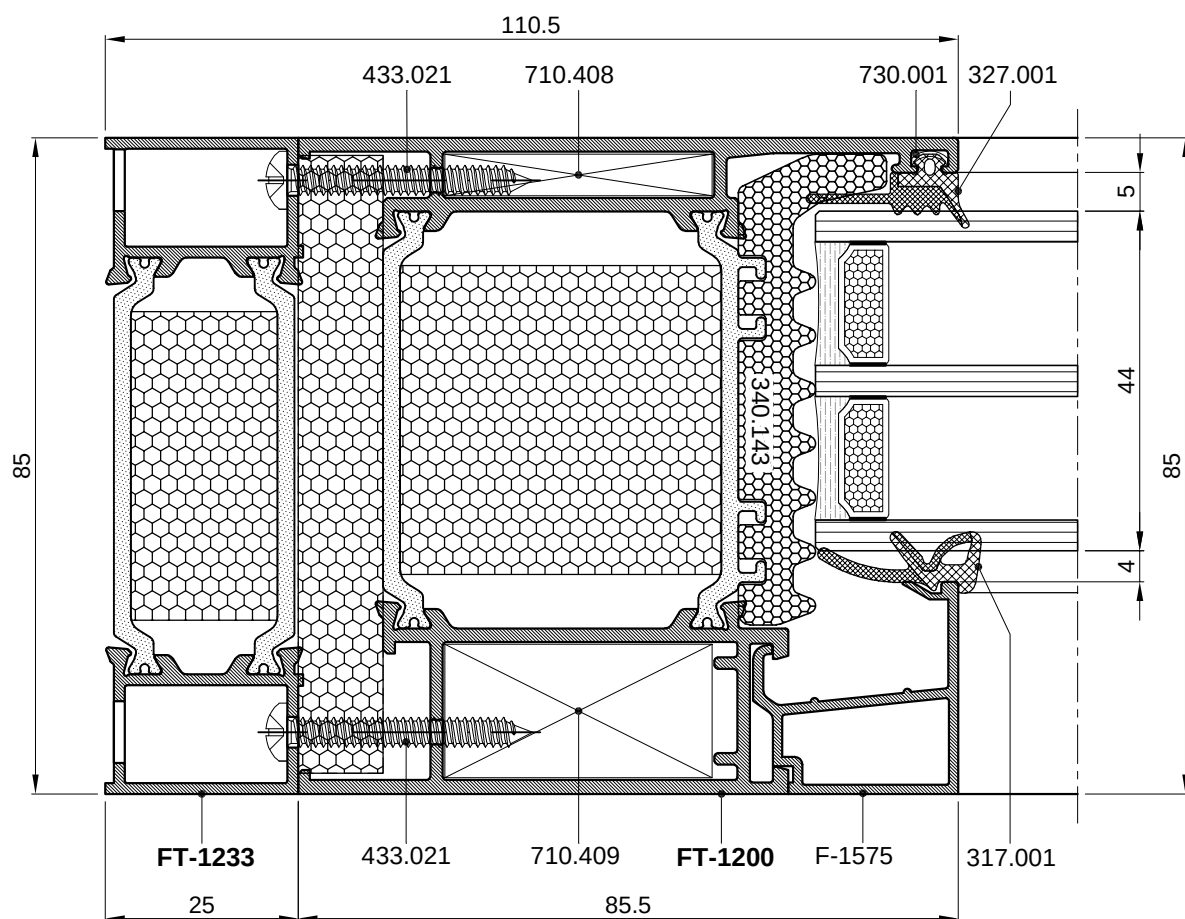
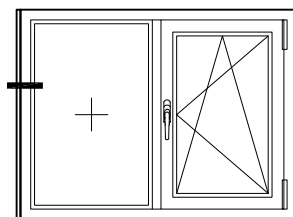
*Profil ojačanja (80mm) može biti sa
unutarne ili vanjske strane.
The reinforcement profile (80mm) can be place
on the inside or on the outside.

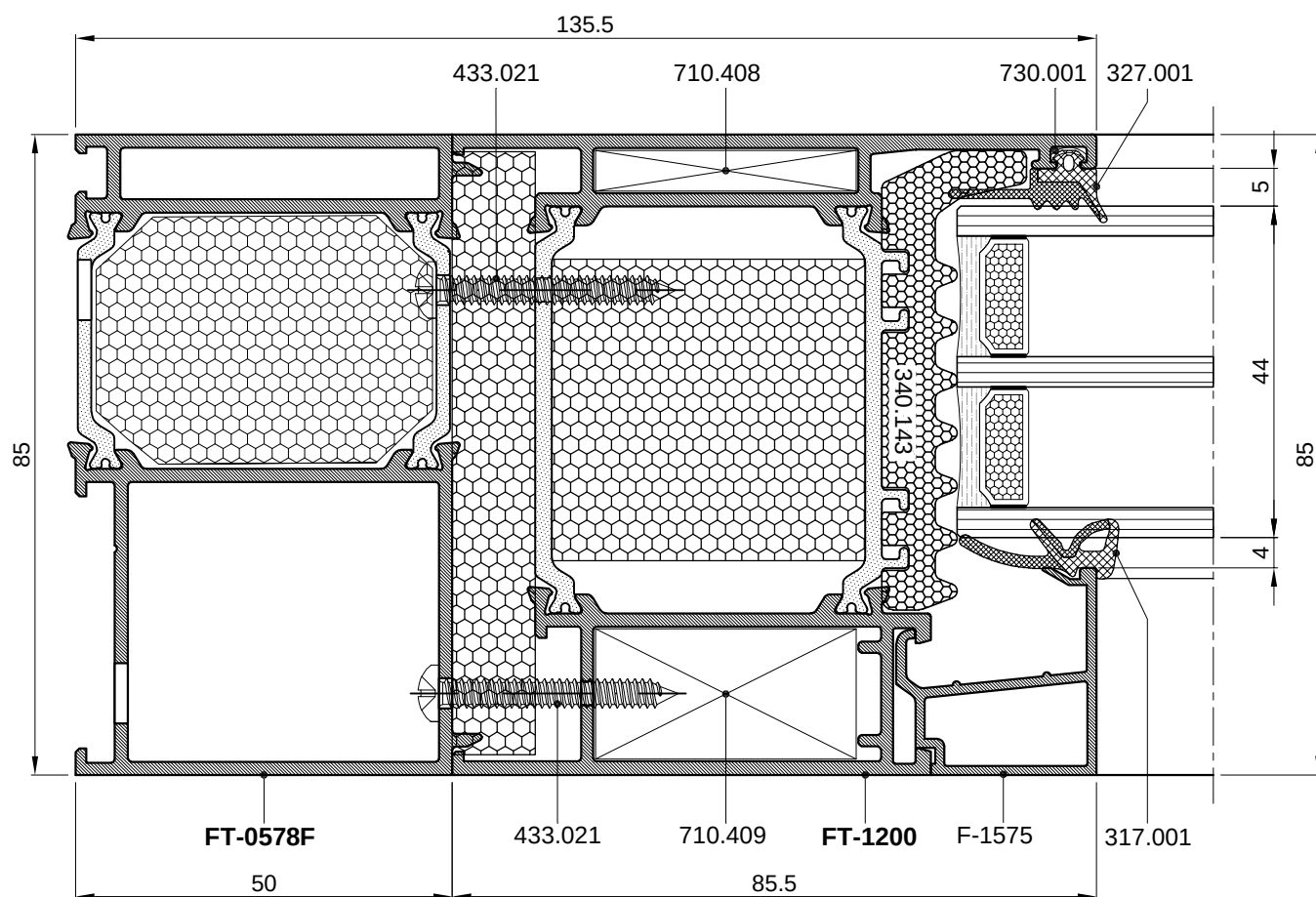
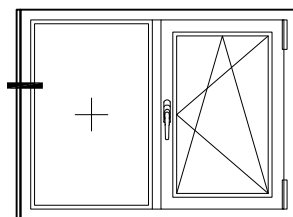


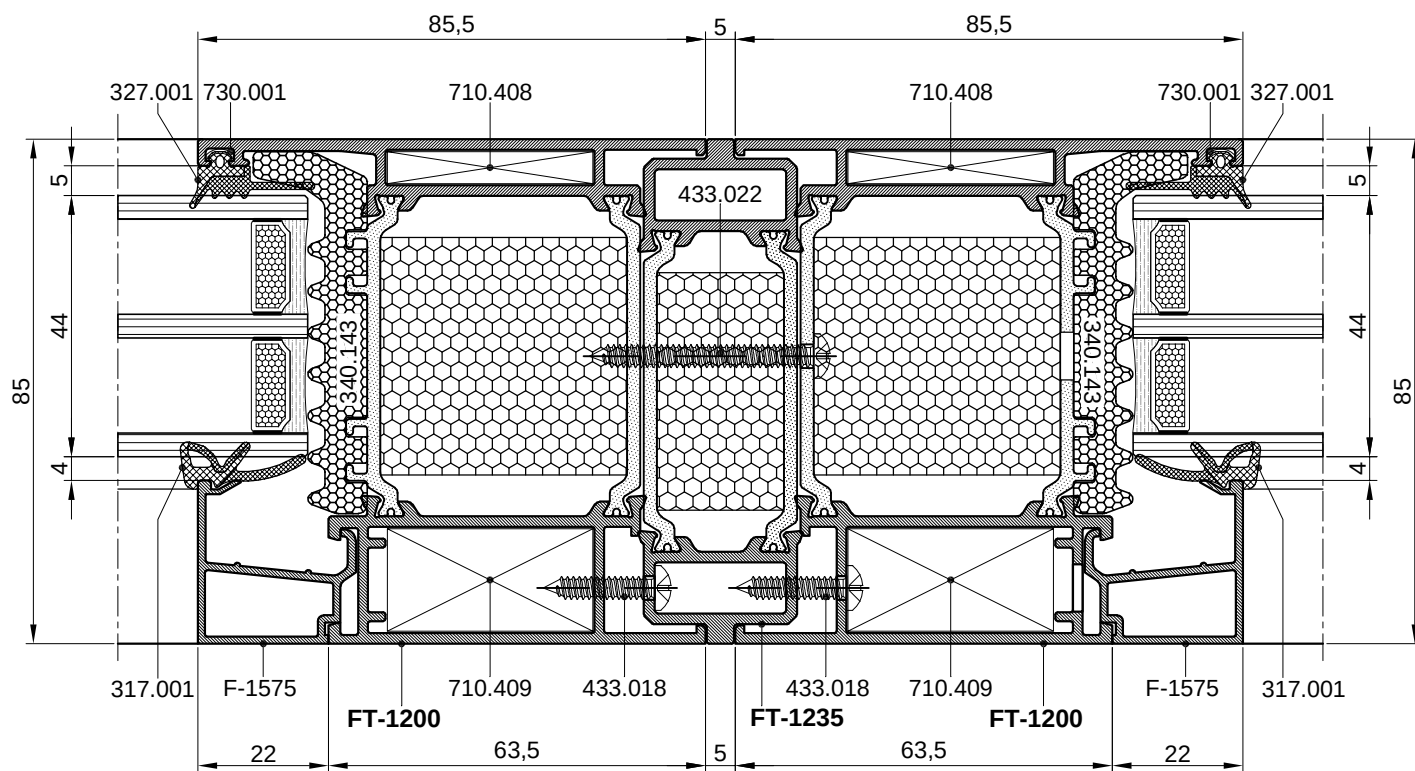
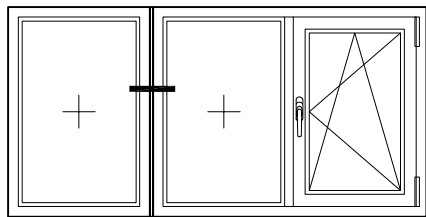
521.288
Umetak za profil ojačanja prečke
End insert for window crossbar
reinforcement



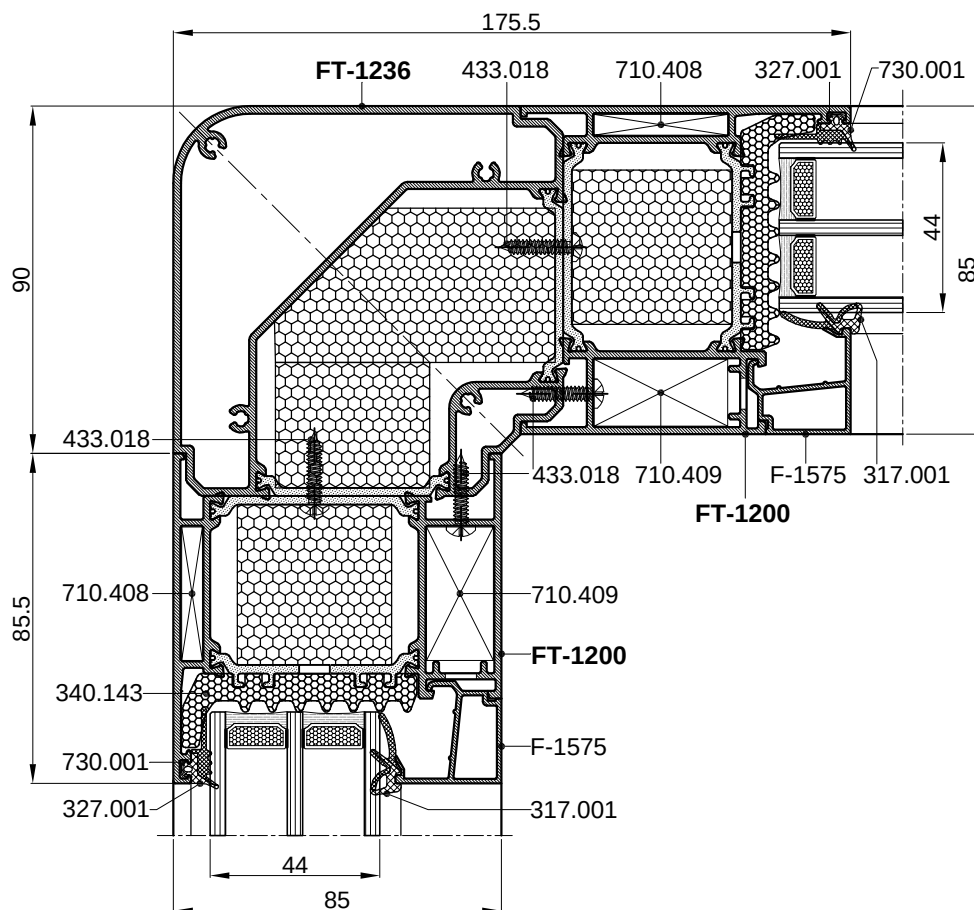
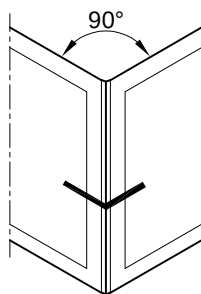
*Profil ojačanja (60mm) može biti sa
unutarnje ili vanjske strane.
The reinforcement profile (60mm) can be place
on the inside or on the outside.



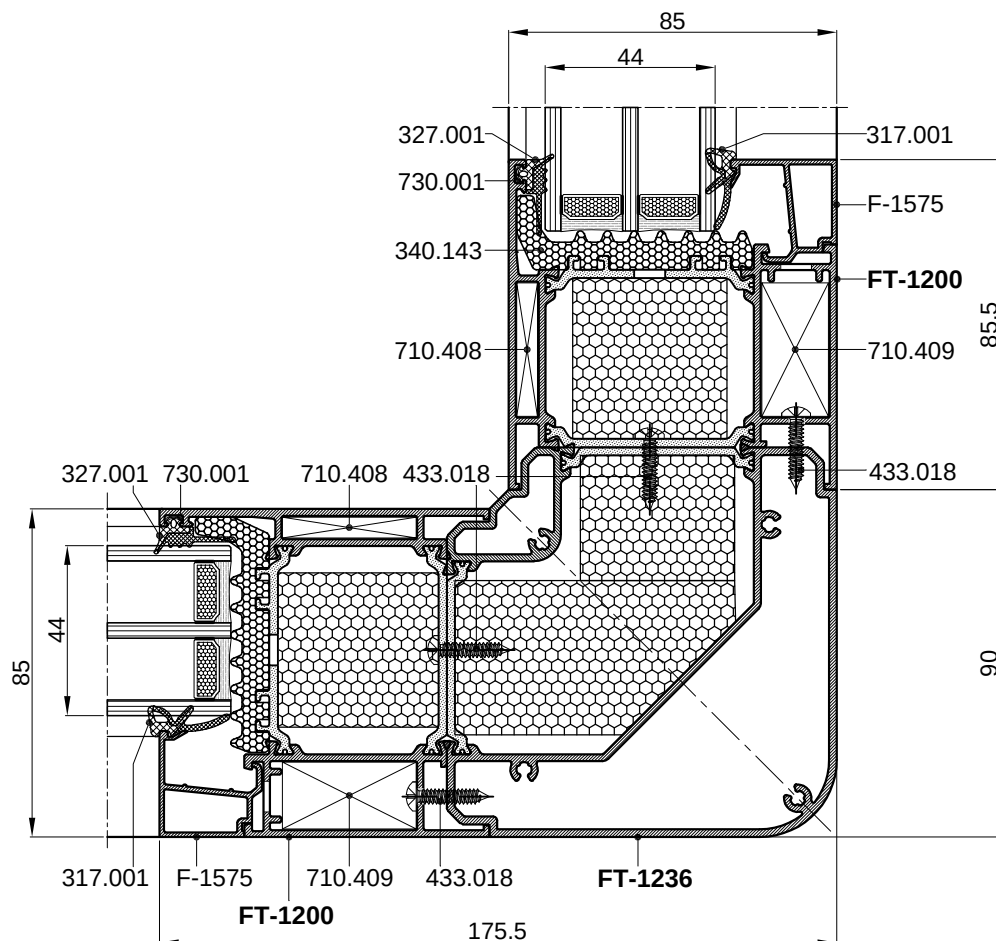
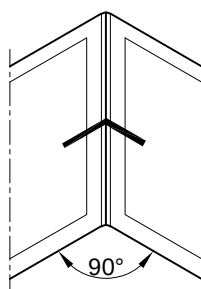


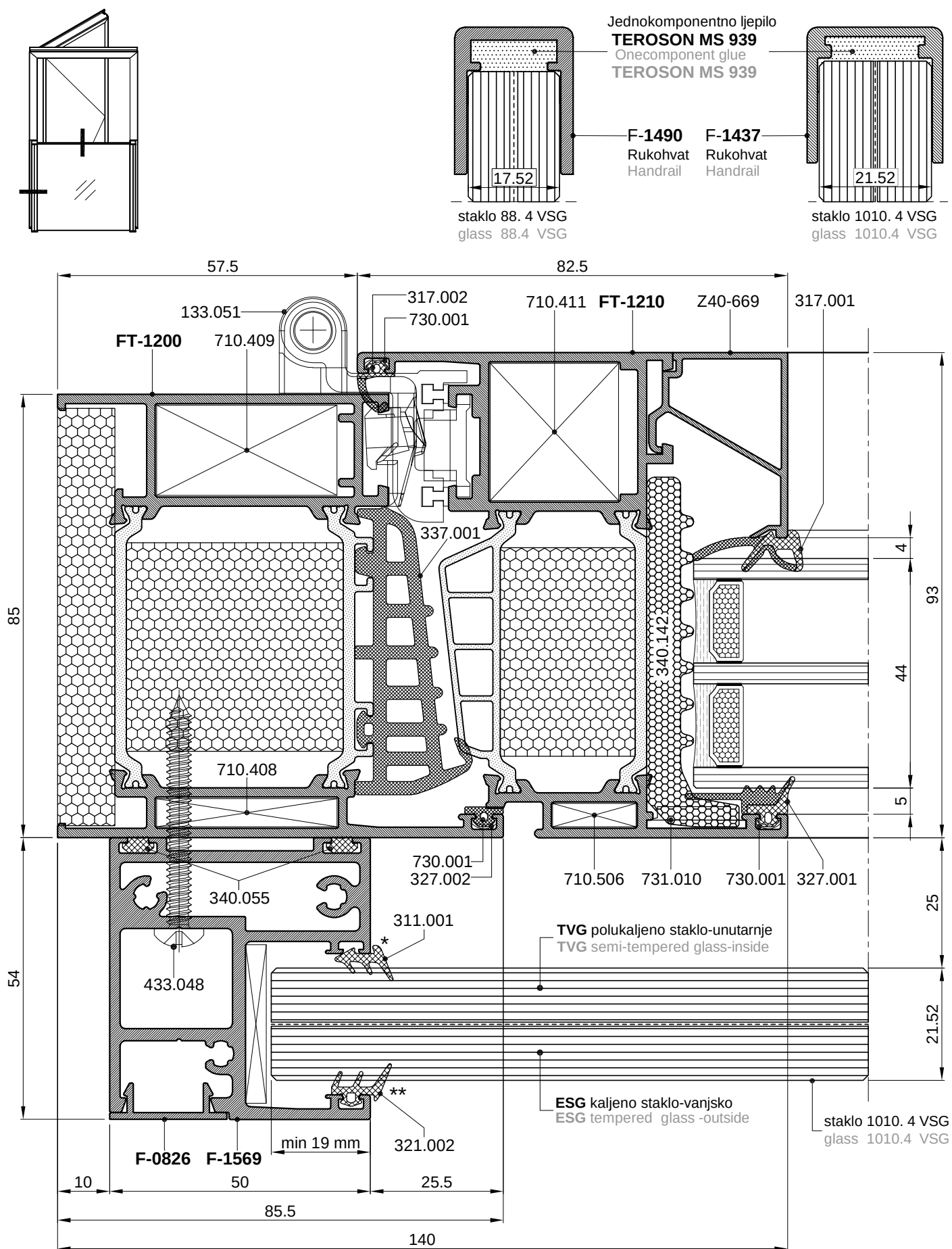


KUT PREMA VANI
OUTSIDE CORNER



KUT PREMA UNUTRA
INSIDE CORNER



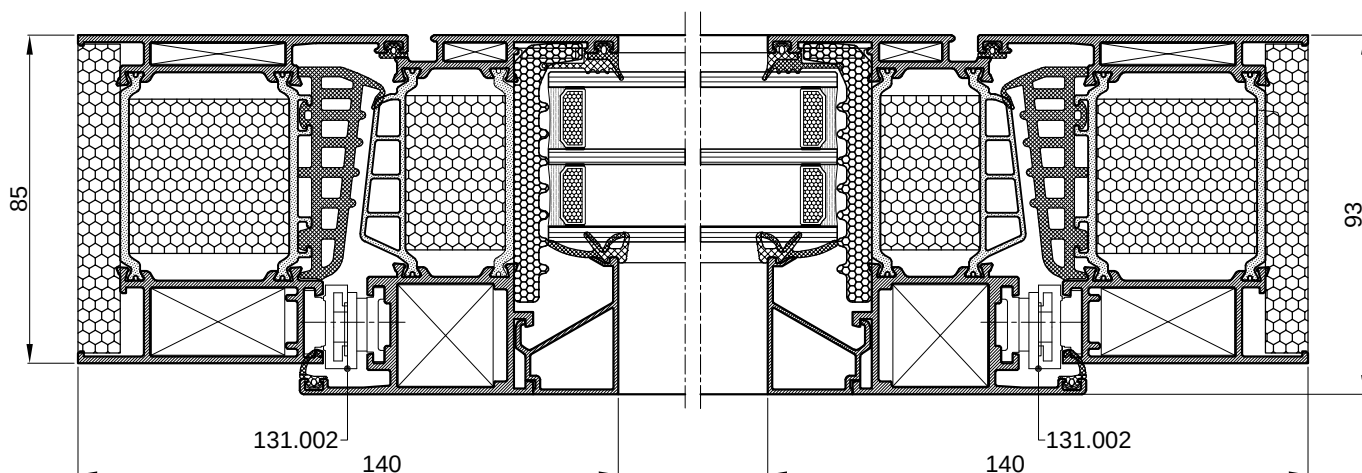
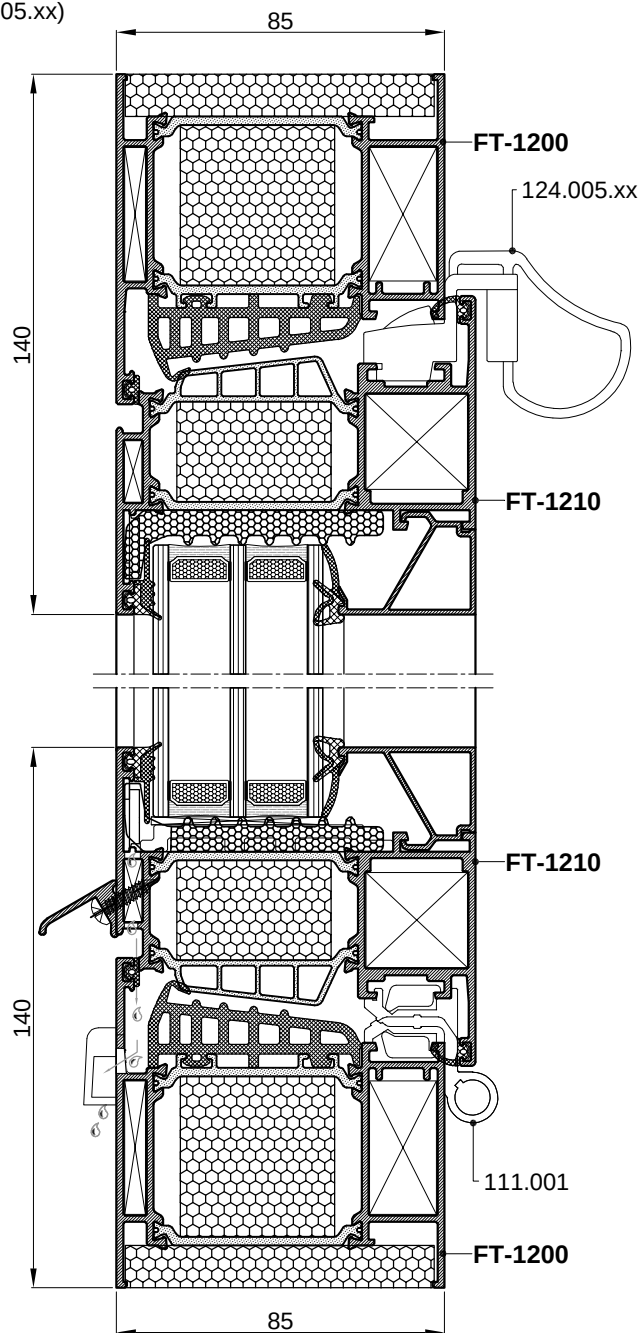
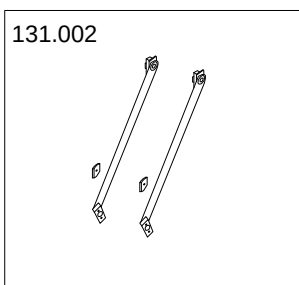
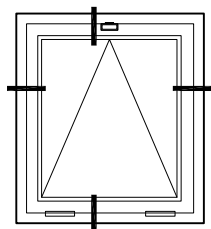


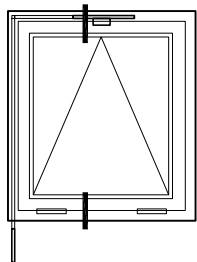
(brtve za staklo 88.4 VSG /gaskets for glass 88.4 VSG:)

★★ 321.003

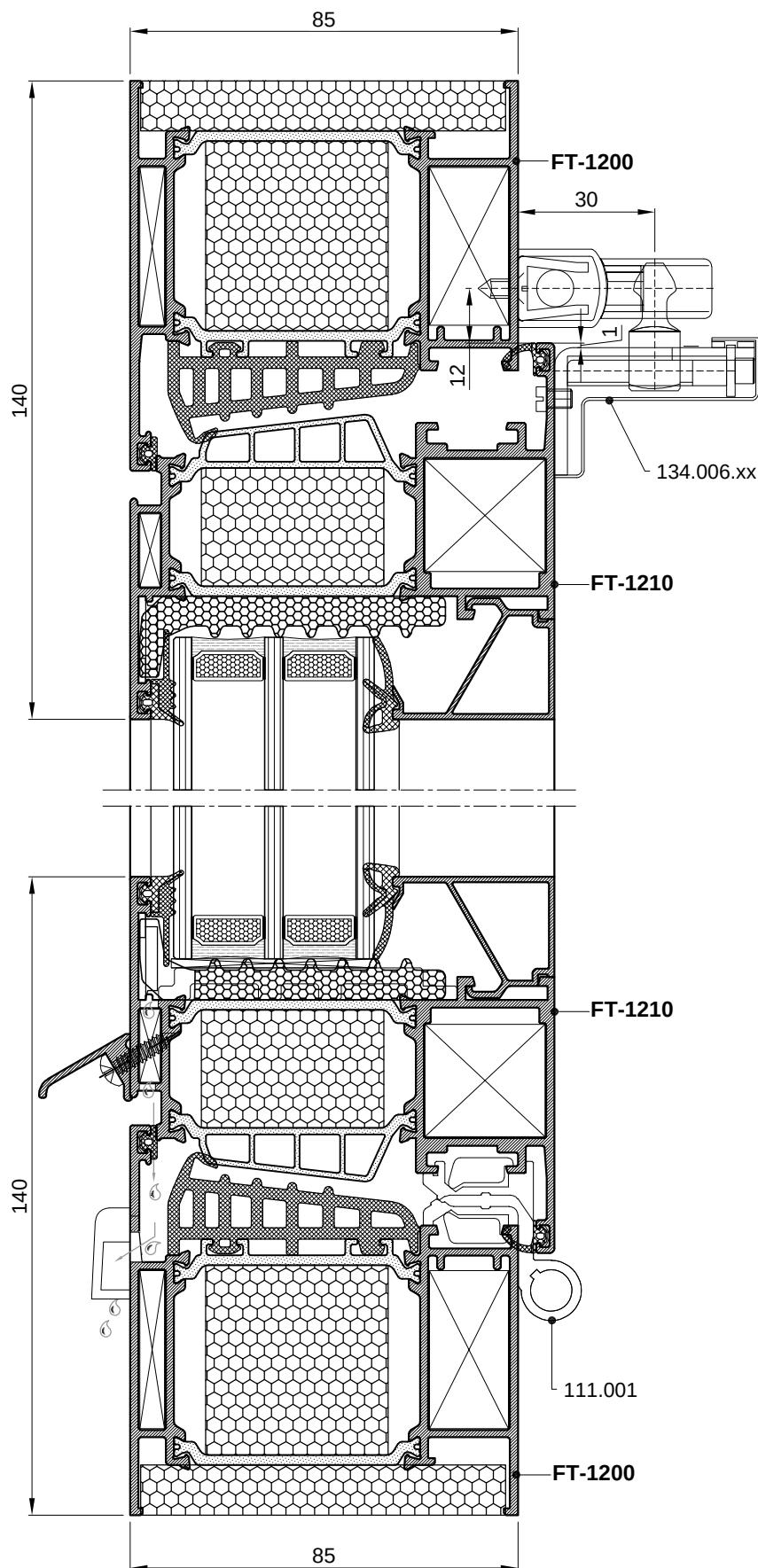
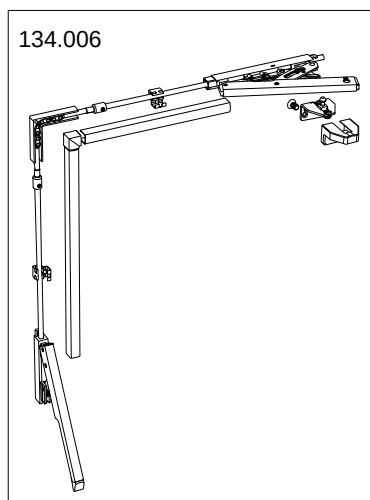
* 311.007

OTKLOPNI PROZOR - VENTUS sa bravicom za zatvaranje - (124.005.xx)
TILT WINDOW - VENTUS with lock for closing - (124.005.xx)

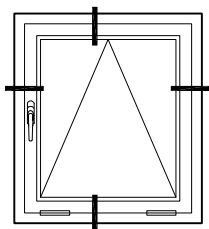




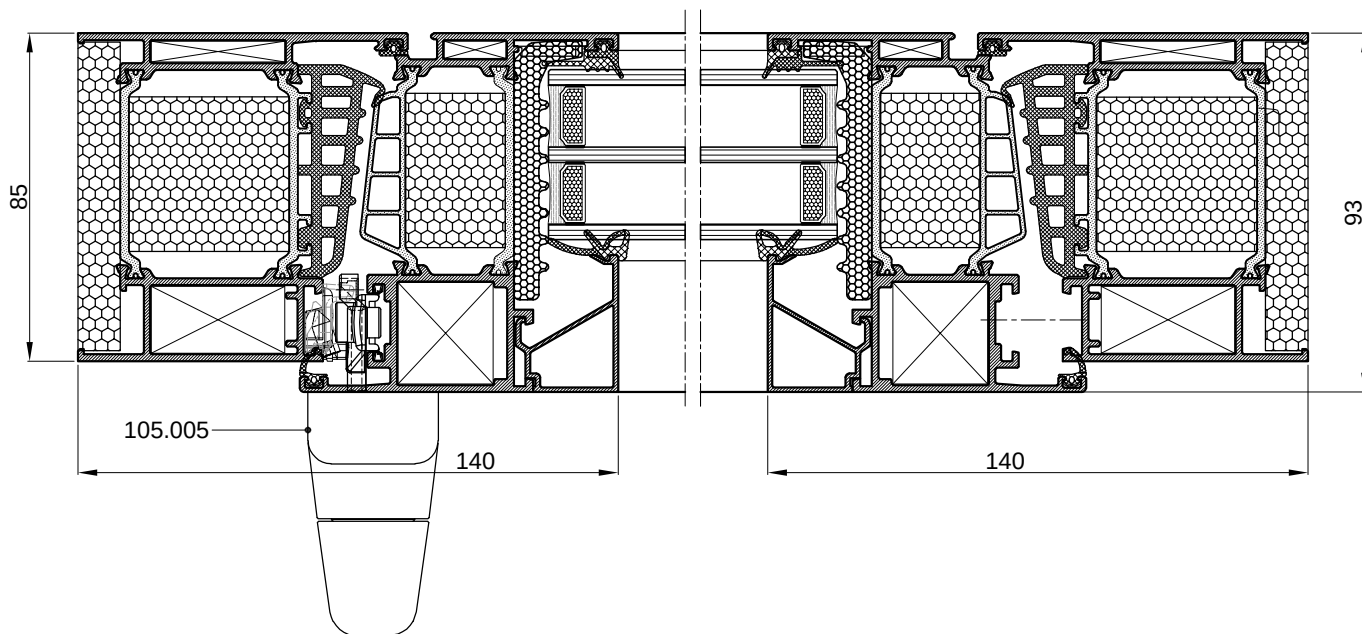
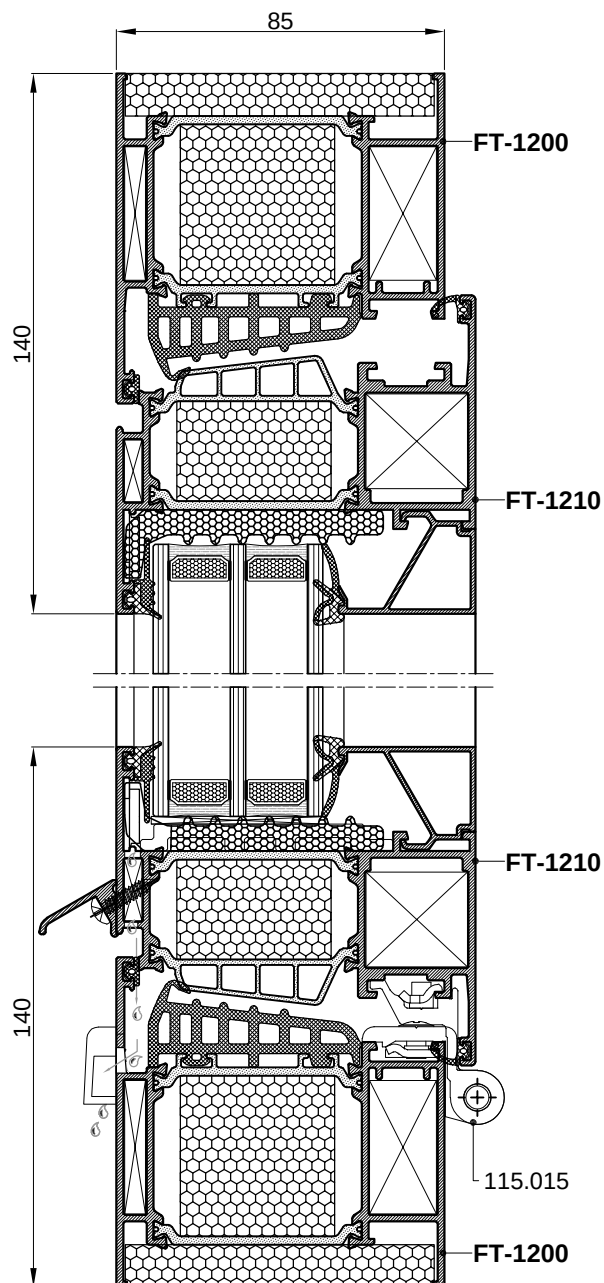
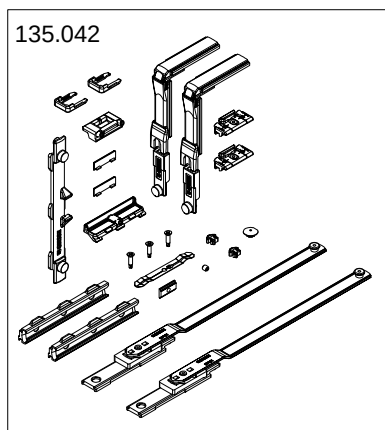
OTKLOPNI PROZOR - VENTUS sa ručkom za visinu - (134.006.xx)
TILT WINDOW - VENTUS with handle for height - (134.006.xx)



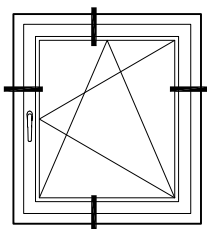
OTKLOPNI PROZOR - VENTUS sa ručkom na vertikali
TILT WINDOW - VENTUS with the handle on the side



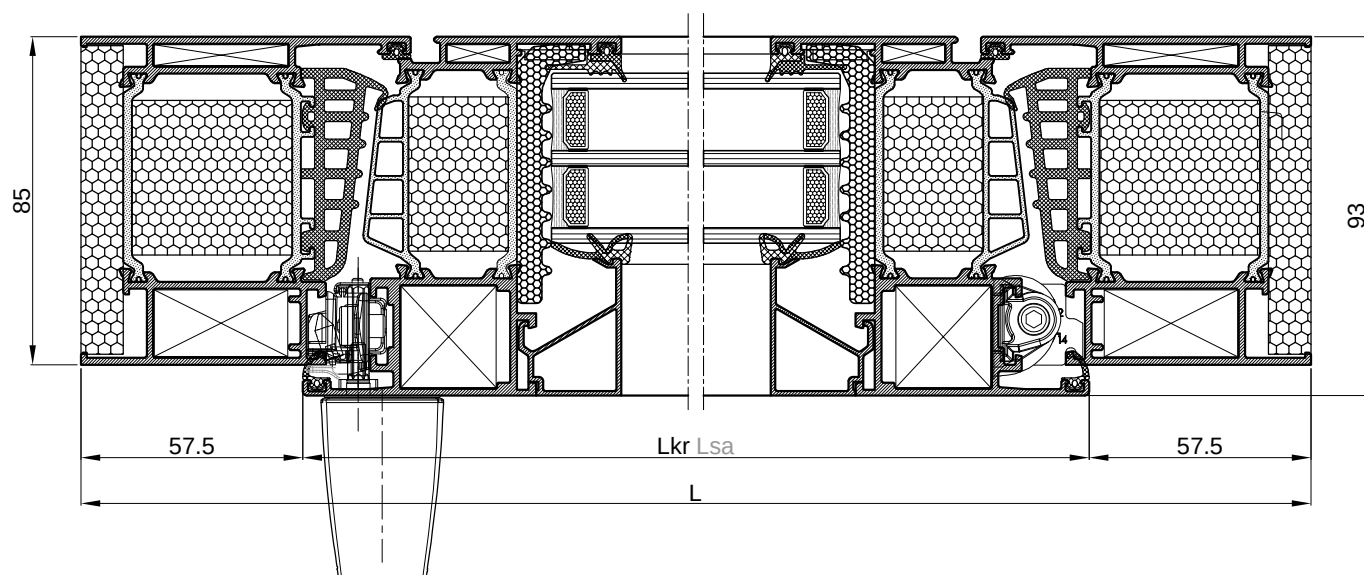
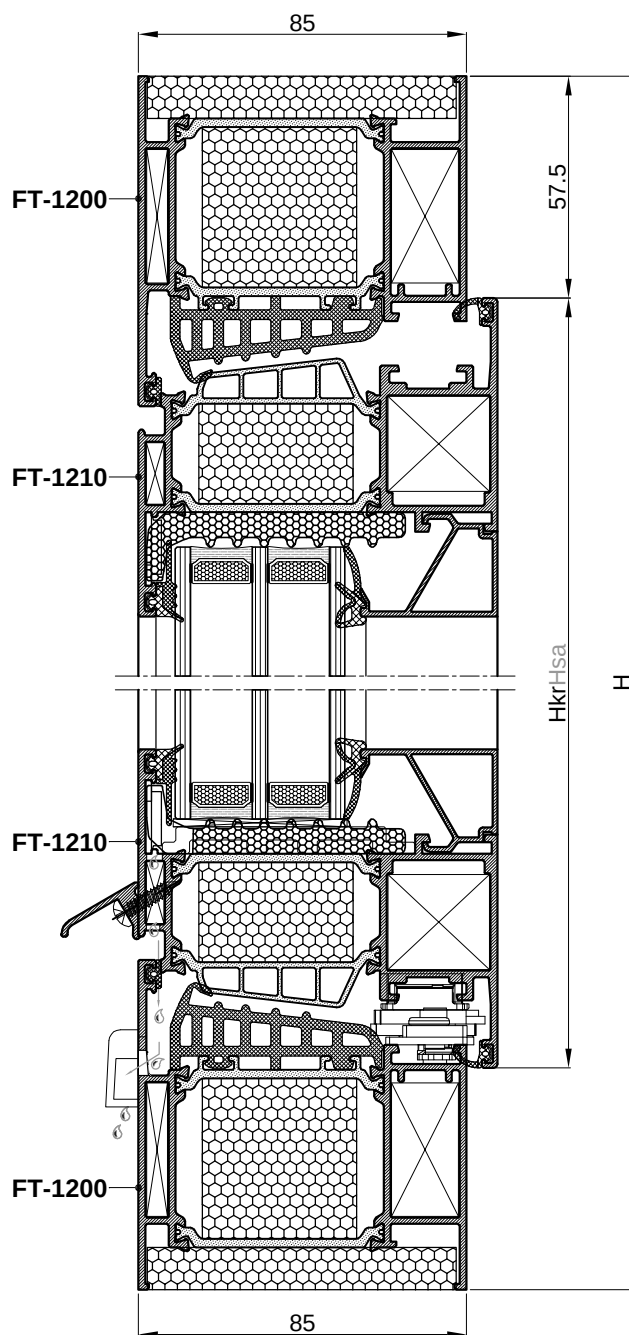
(Mehanizam za otklopni prozor - ventus
sa ručkom na vertikali - Giesse)
(Mechanism for tilt window (ventus)
with the handle on the side - Giesse)



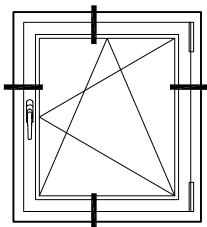
OTKLOPNO ZAOKRETNI PROZOR
TILT & TURN WINDOW



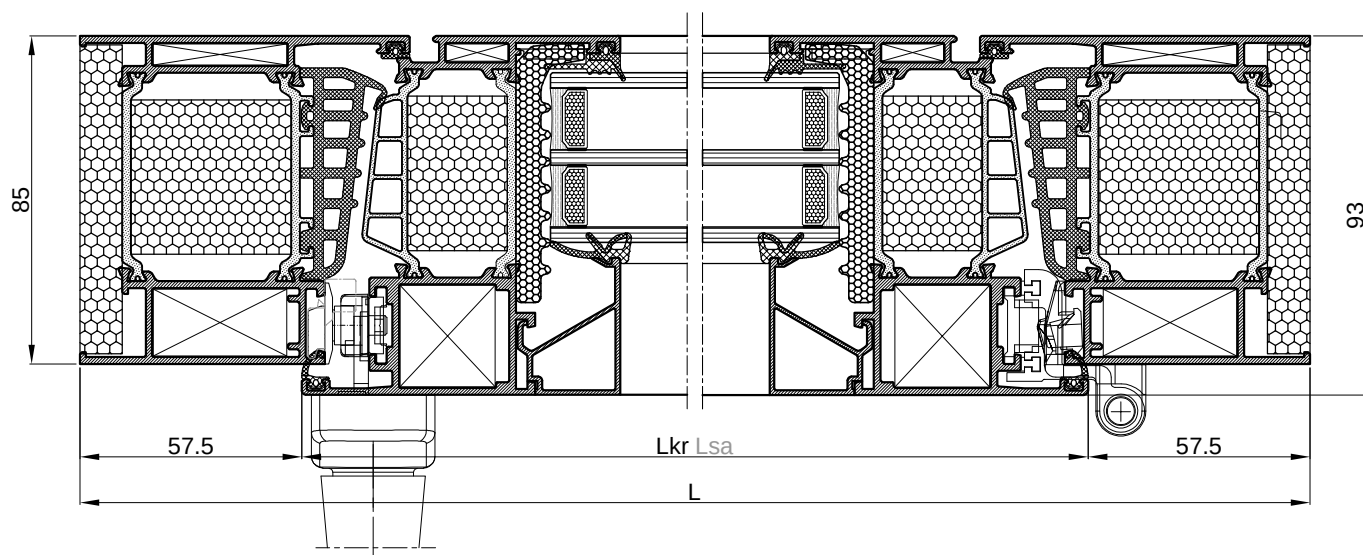
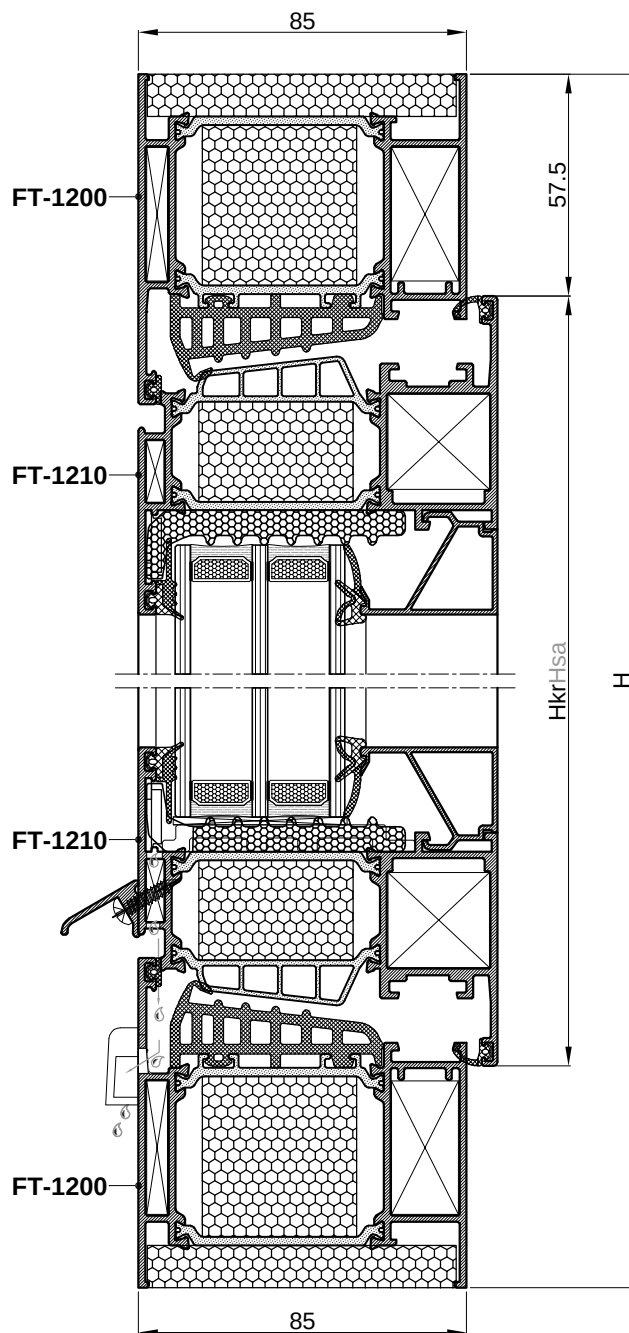
(Skriveni otklopno-zaokretni mehanizam- Giesse)
(Hidden tilt & turn mechanism- Giesse)



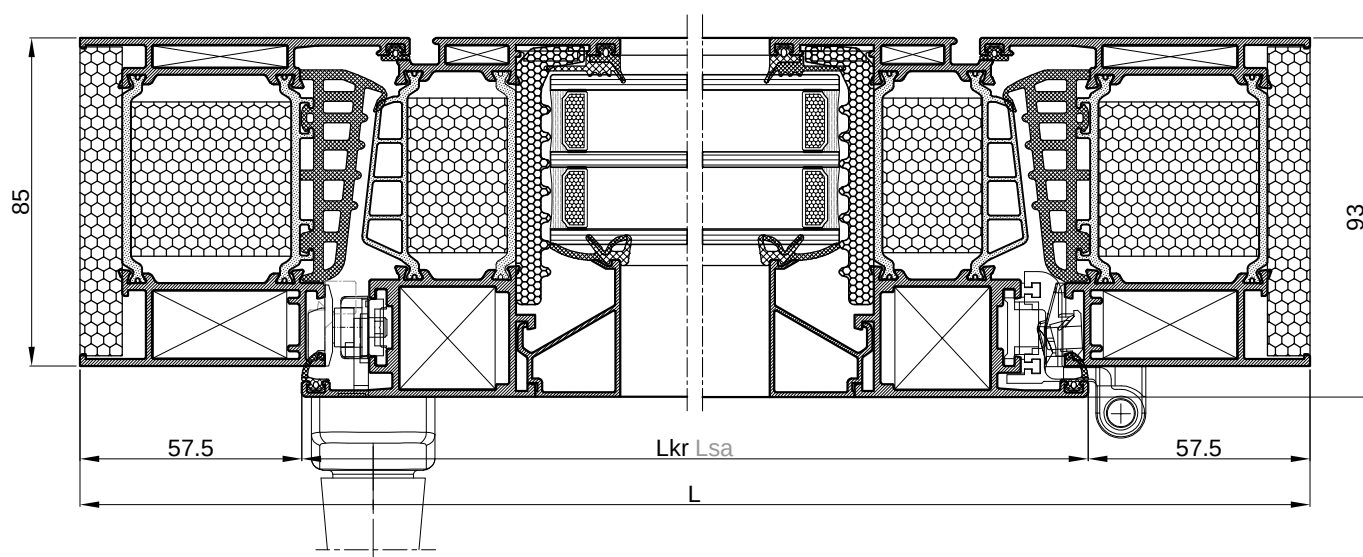
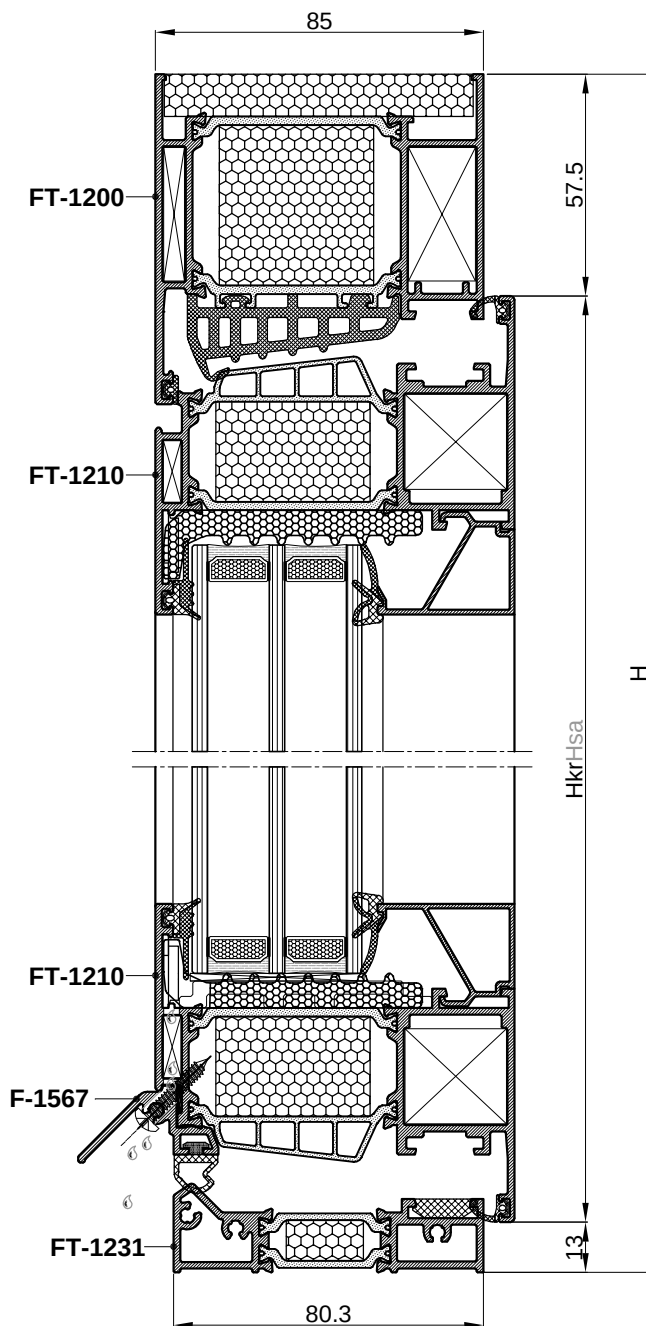
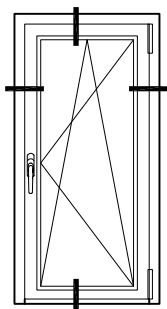
OTKLOPNO ZAOKRETNI PROZOR
TILT & TURN WINDOW

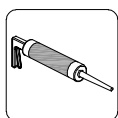
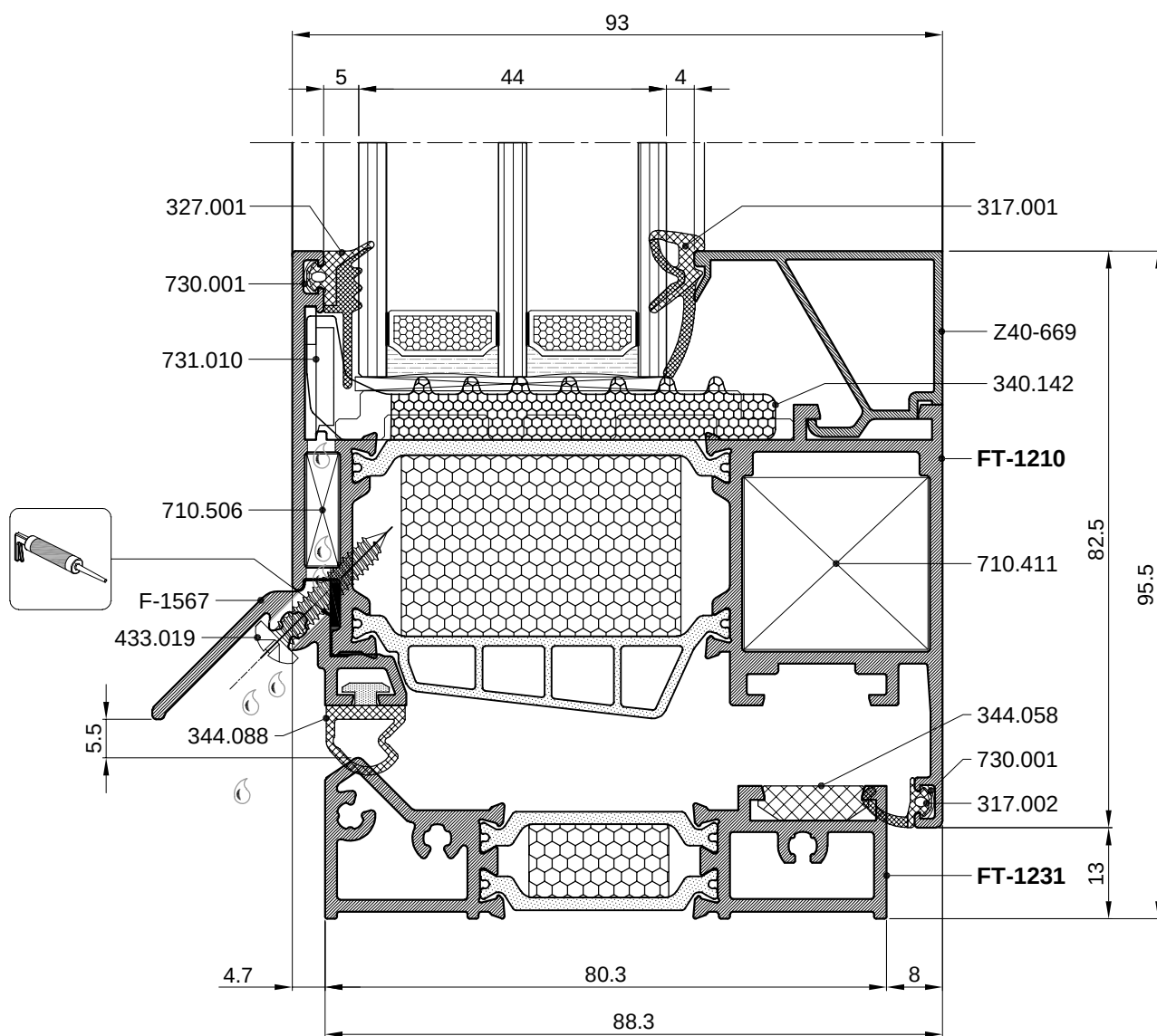
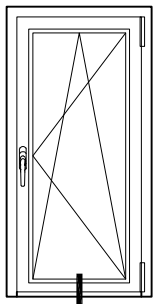


(Otklopno-zaokretni mehanizam- E.Notter)
(Tilt & turn mechanism- E.Notter)

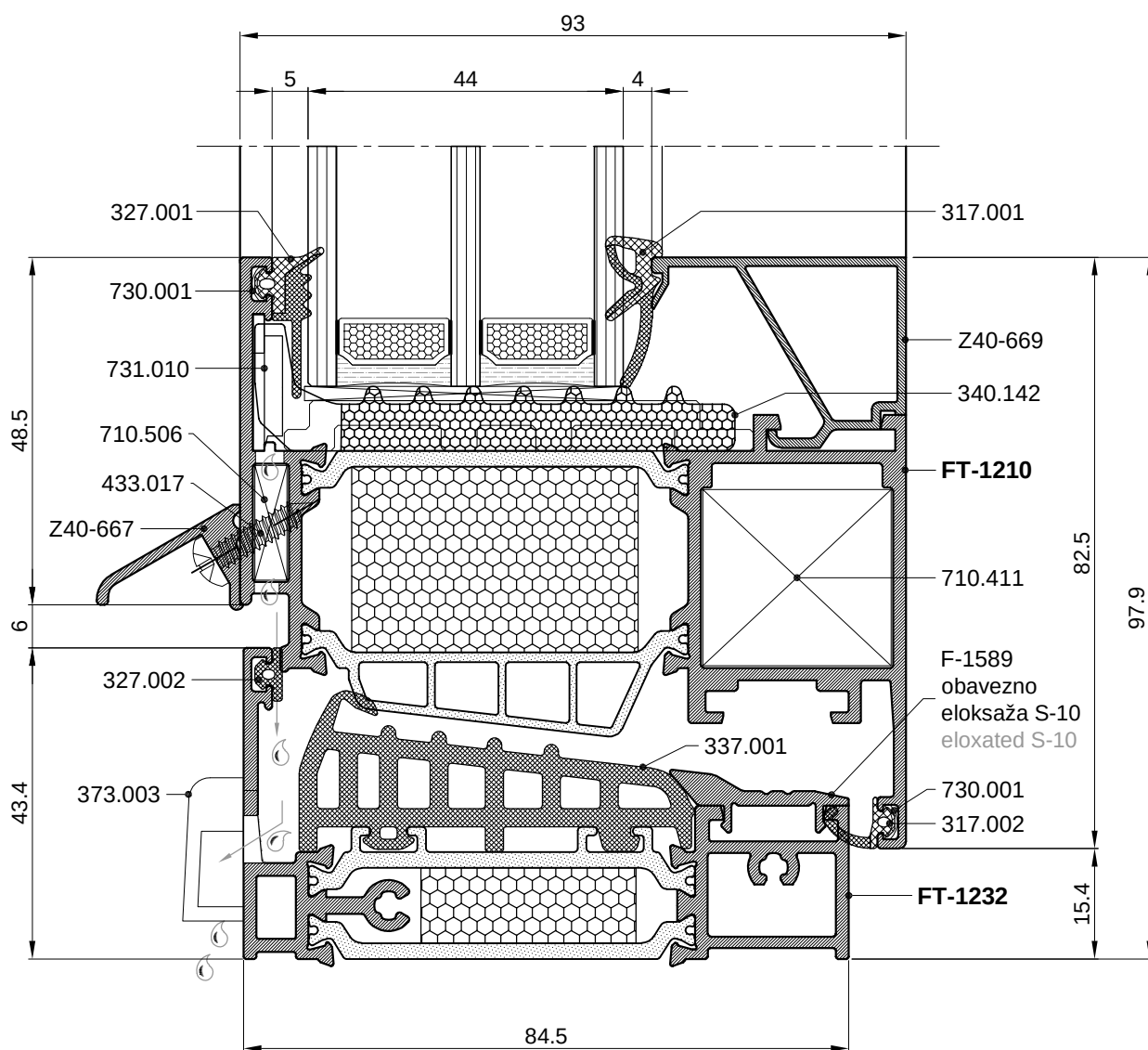
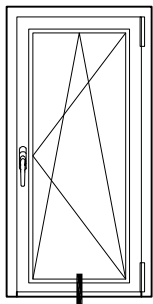


JEDNOKRILNA BALKONSKA VRATA - NISKI PRAG
ONE-SASH BALCONY DOOR - LOW THRESHOLD

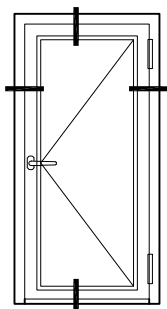




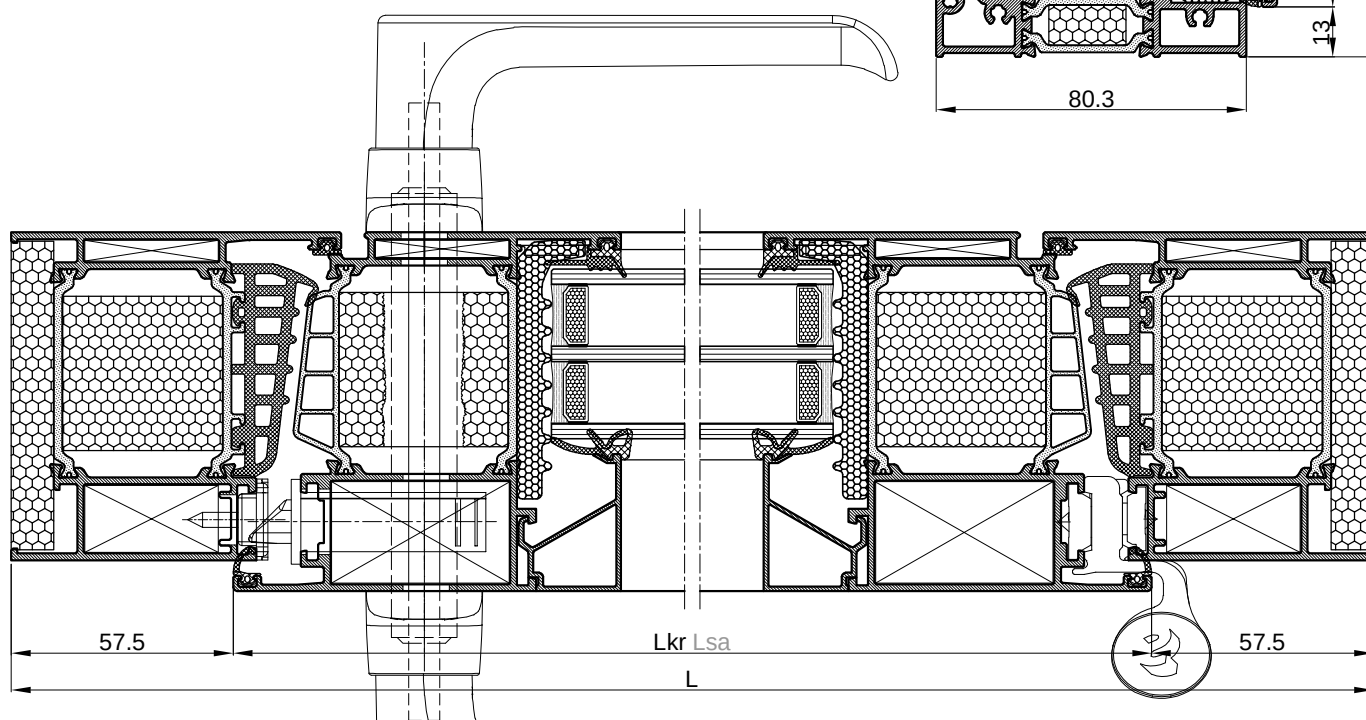
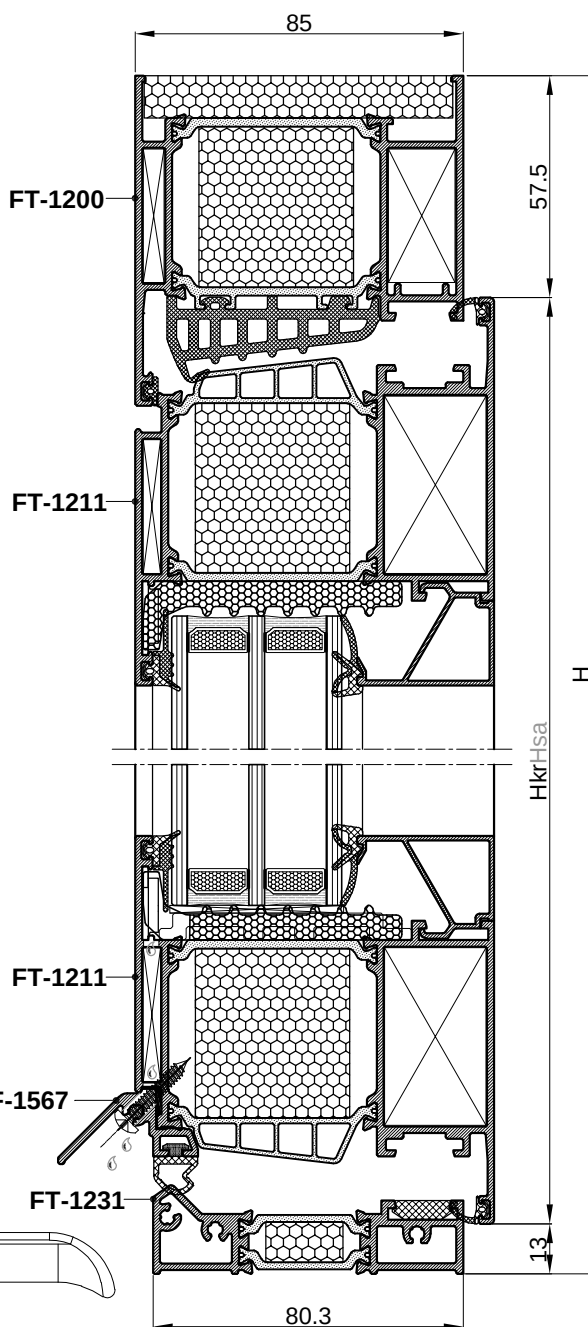
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

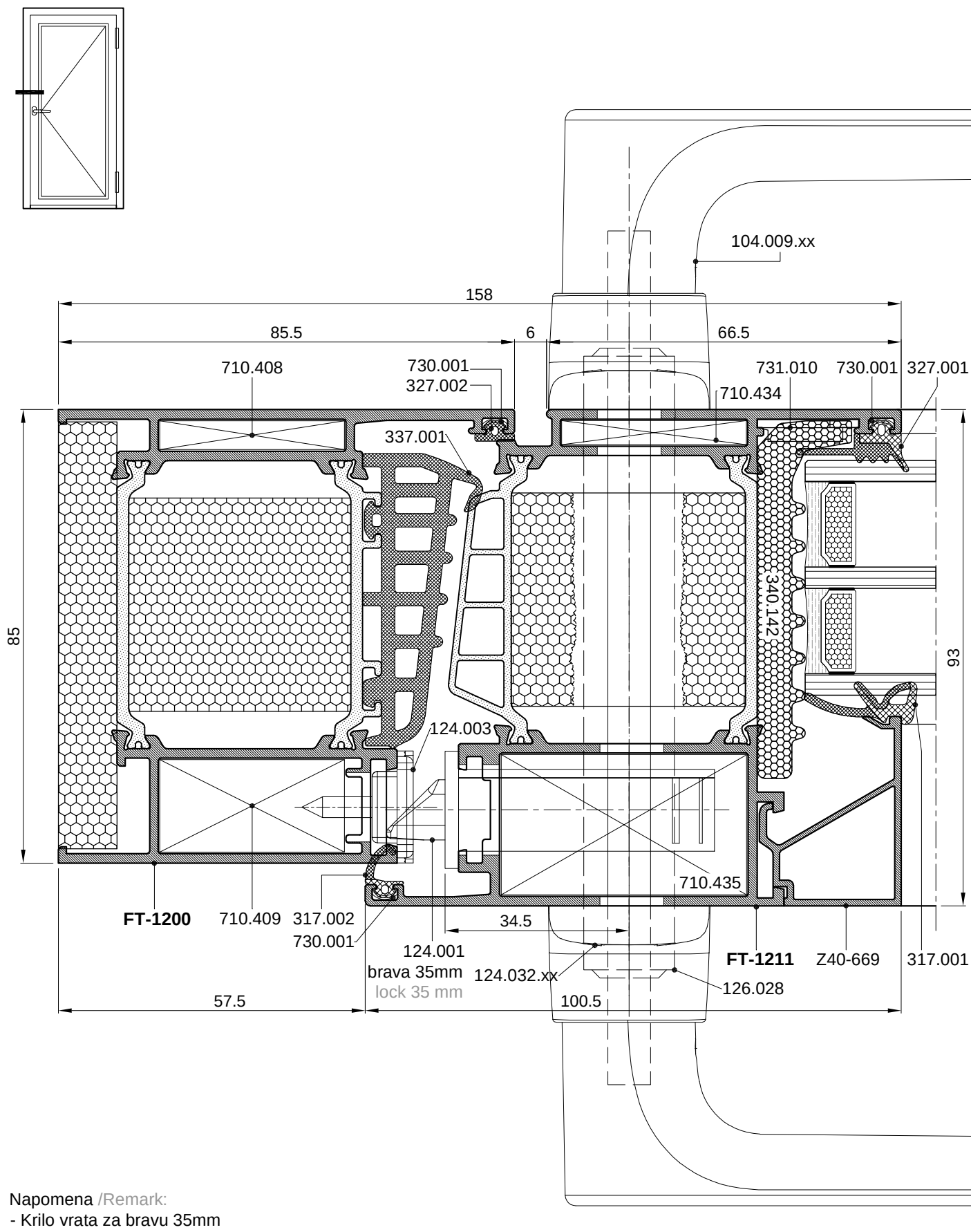


JEDNOKRILNA ULAZNA VRATA, OTVARANJE UNUTRA ONE-LEAF ENTRANCE DOOR, INWARDS OPENING



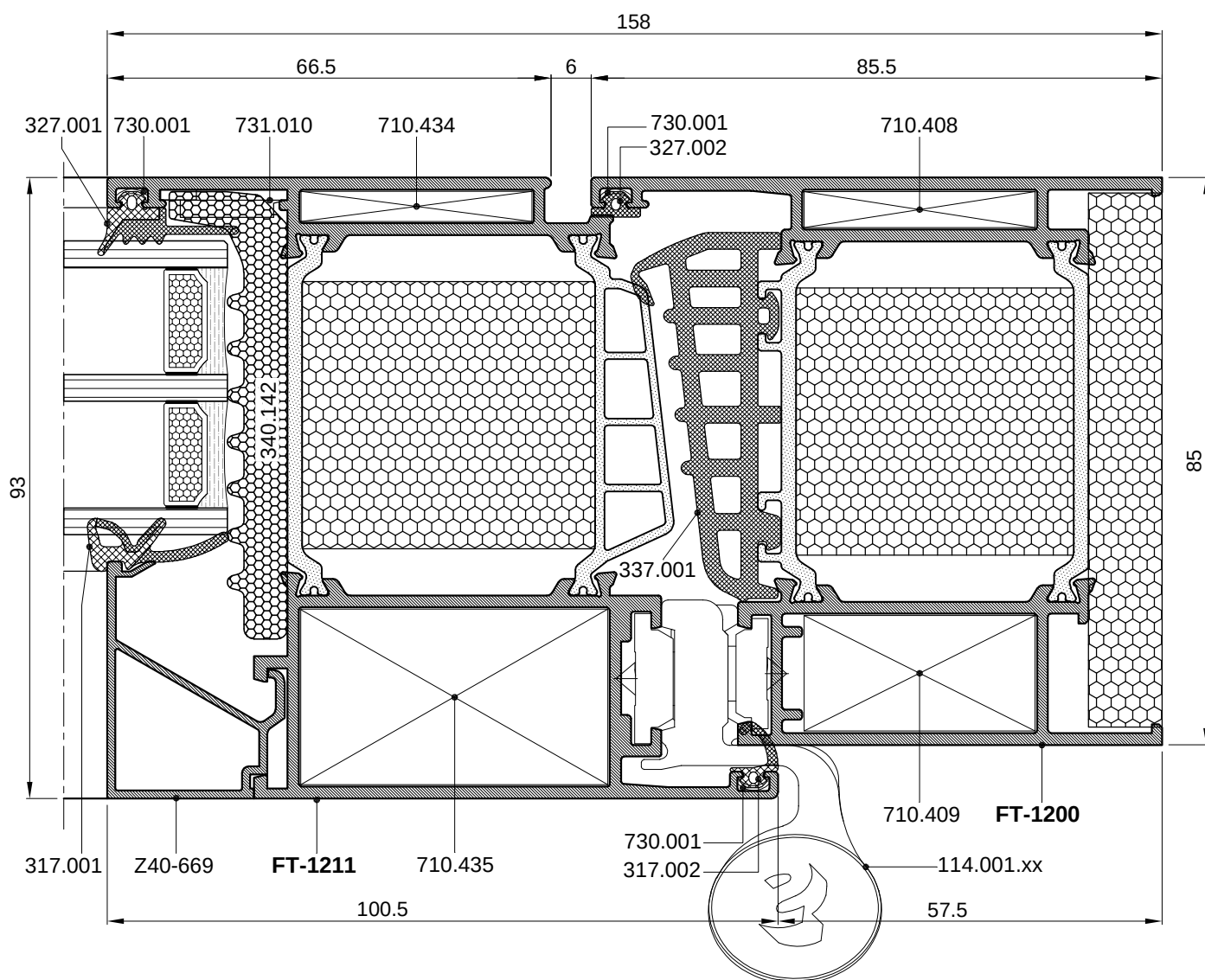
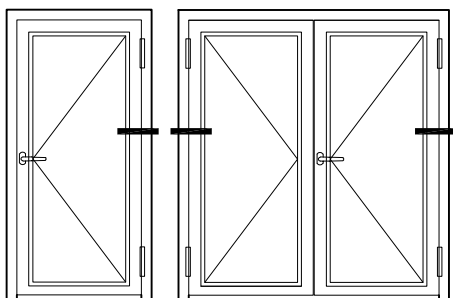
- Napomena /Remark:
- Krilo vrata za bravu 35mm
 - Brava 35mm sa jezičkom...(124.001)
 - Door leaf for lock 35mm
 - Lock 35mm with latchbolt...(124.001)



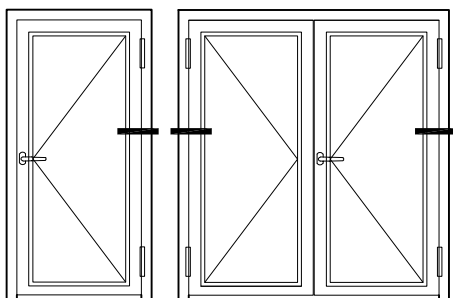


Napomena /Remark:

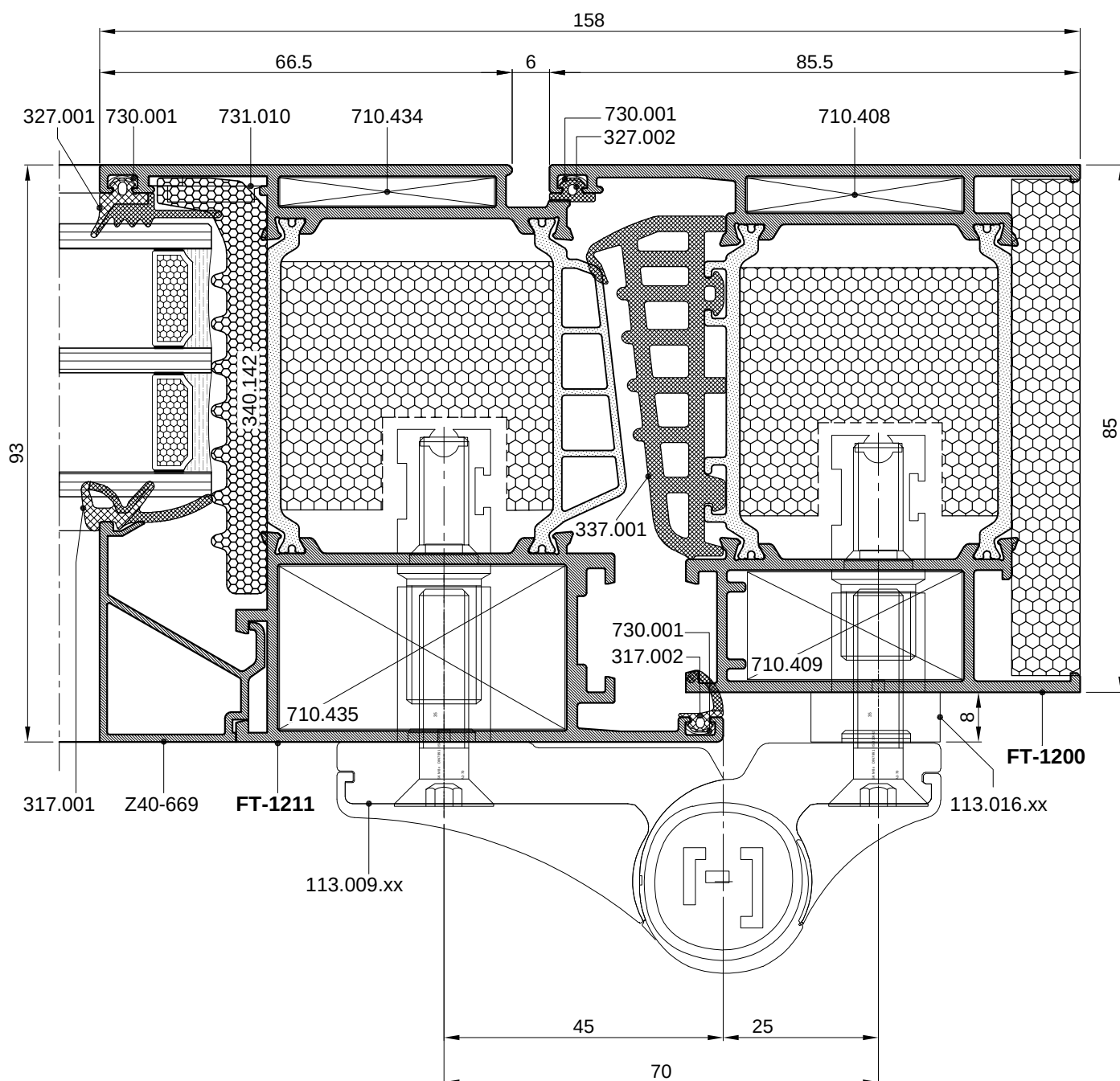
- Krilo vrata za bravu 35mm
- Brava 35mm sa jezičkom...(124.001)
- Door leaf for lock 35mm
- Lock 35mm with latchbolt...(124.001)



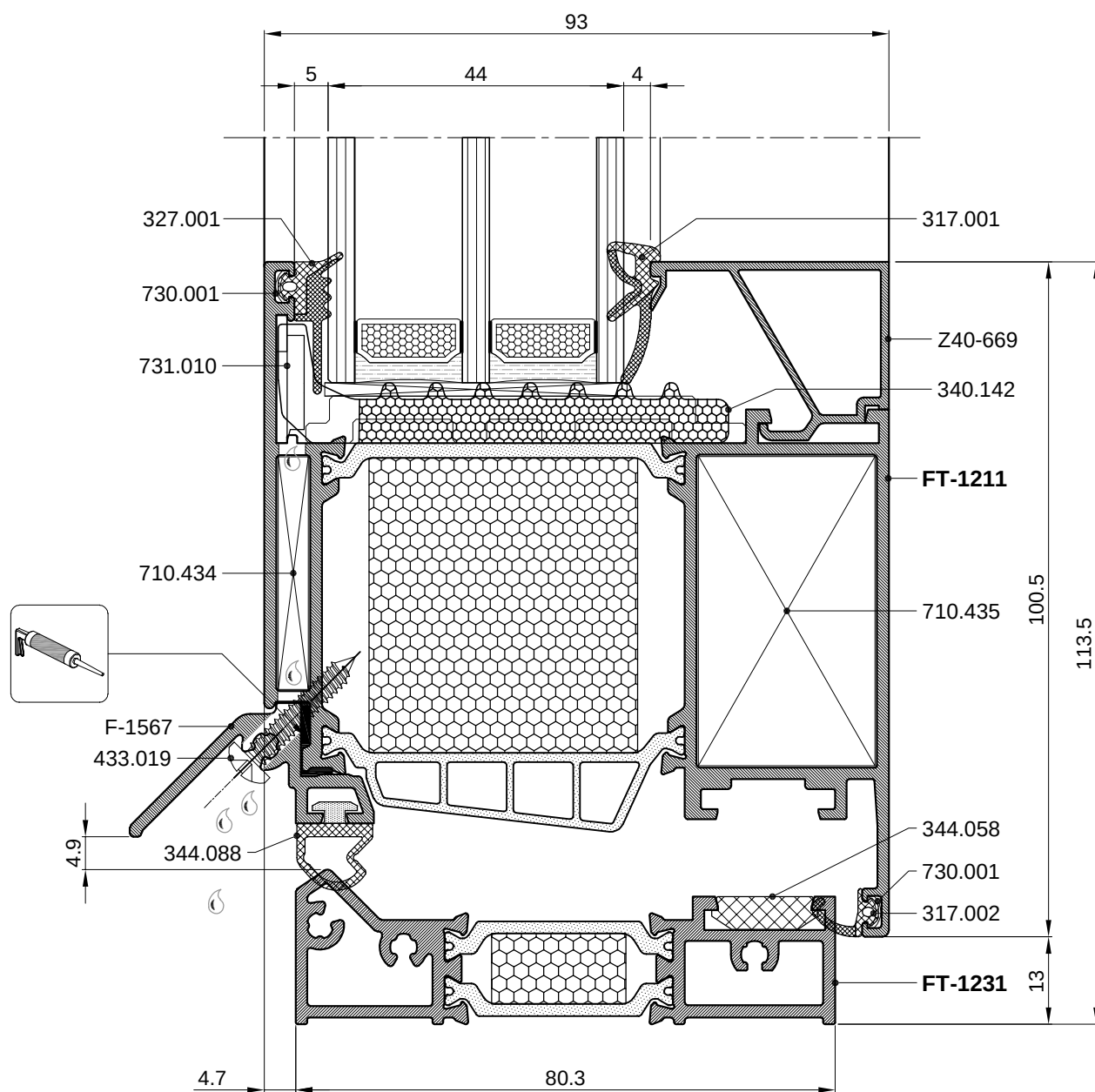
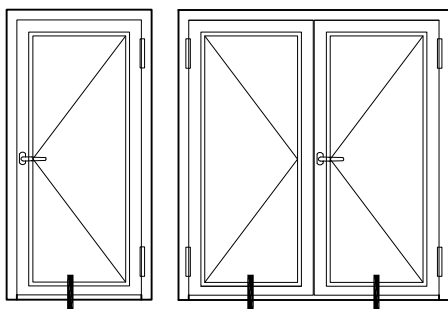
Napomena: Krilo vrata za bravu 35mm
Remark: Door sash for lock 35mm



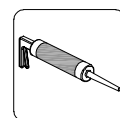
SET USADNIH BAGLAMA - OSNO 70 mm
UGRAĐUJE SE U KRILU VRATA FT-1211 (OTVARANJE UNUTRA)
SET OF SCREW-IN HINGES - AXIAL DISTANCE 70 mm
INSTALLED IN DOOR SASH FT-1211 (INWARDS OPENING)



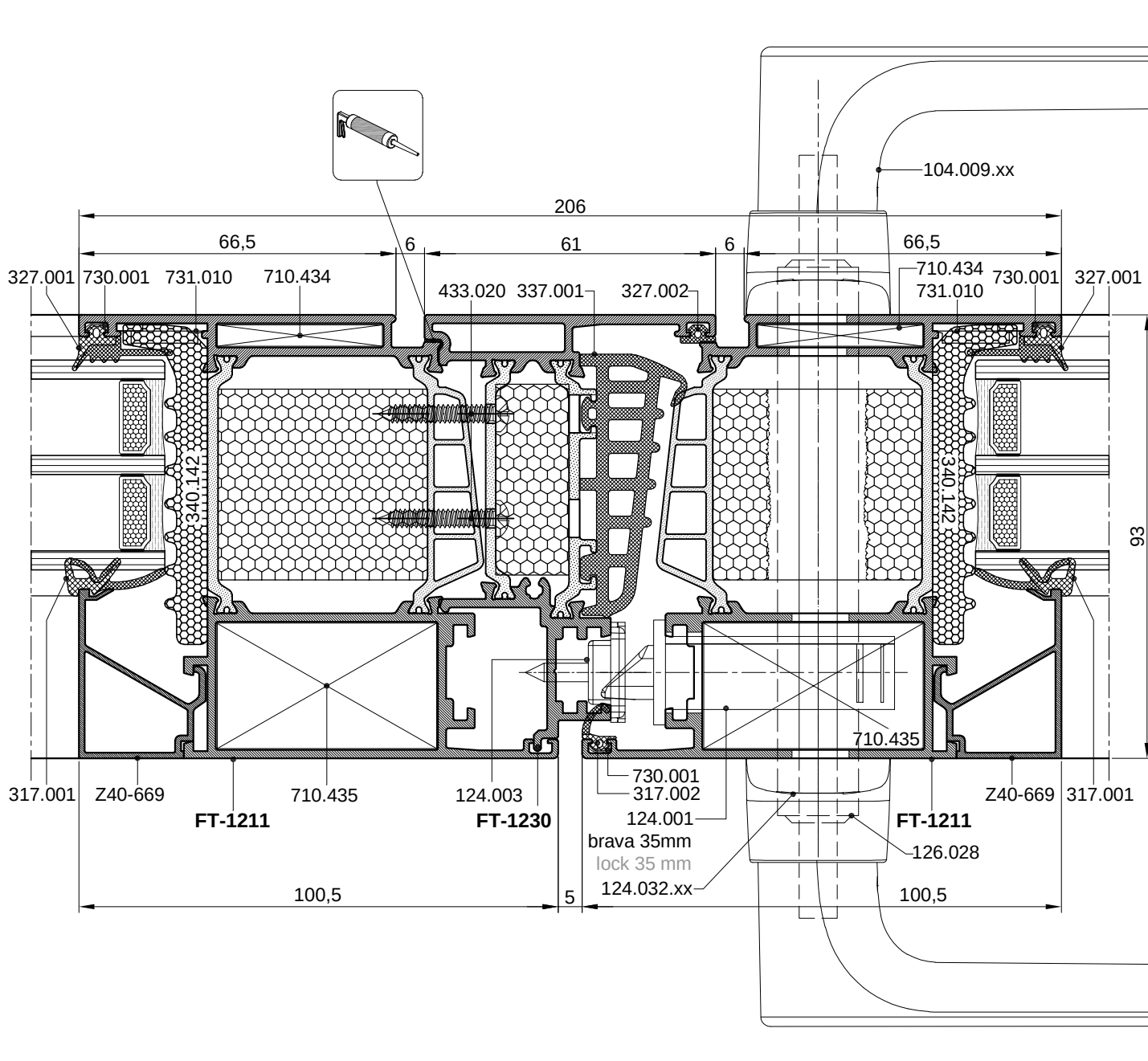
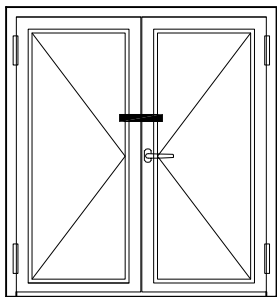
Napomena: Krilo vrata za bravu 35mm
Remark: Door sash for lock 35mm



Napomena: Krilo vrata za bravu 35mm
Remark: Door sash for lock 35mm

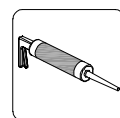


ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

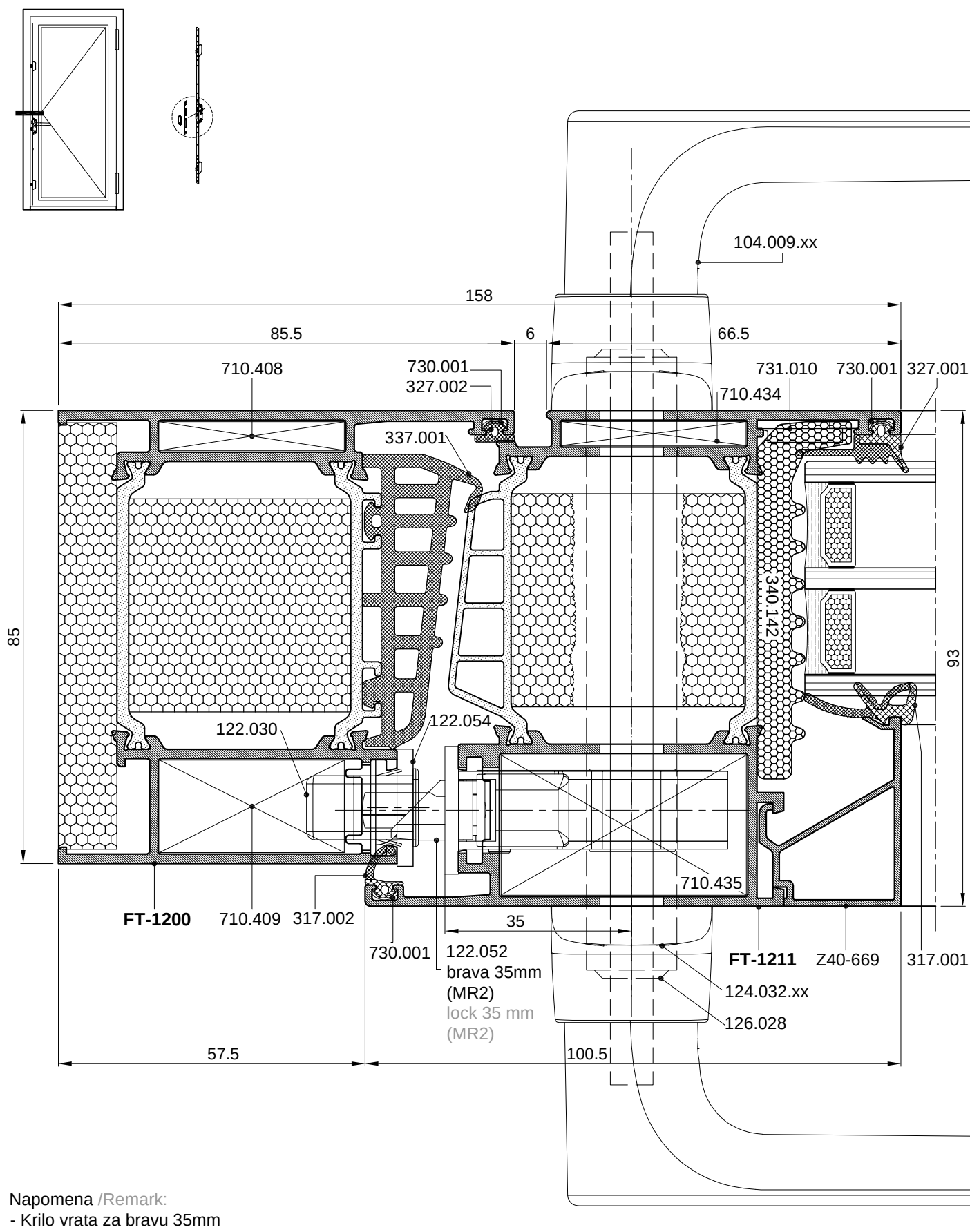


Napomena /Remark:

- Krilo vrata za bravu 35mm
- Brava 35mm sa jezičkom...(124.001)
- Door sash for lock 35mm
- Lock 35mm with latchbolt...(124.001)

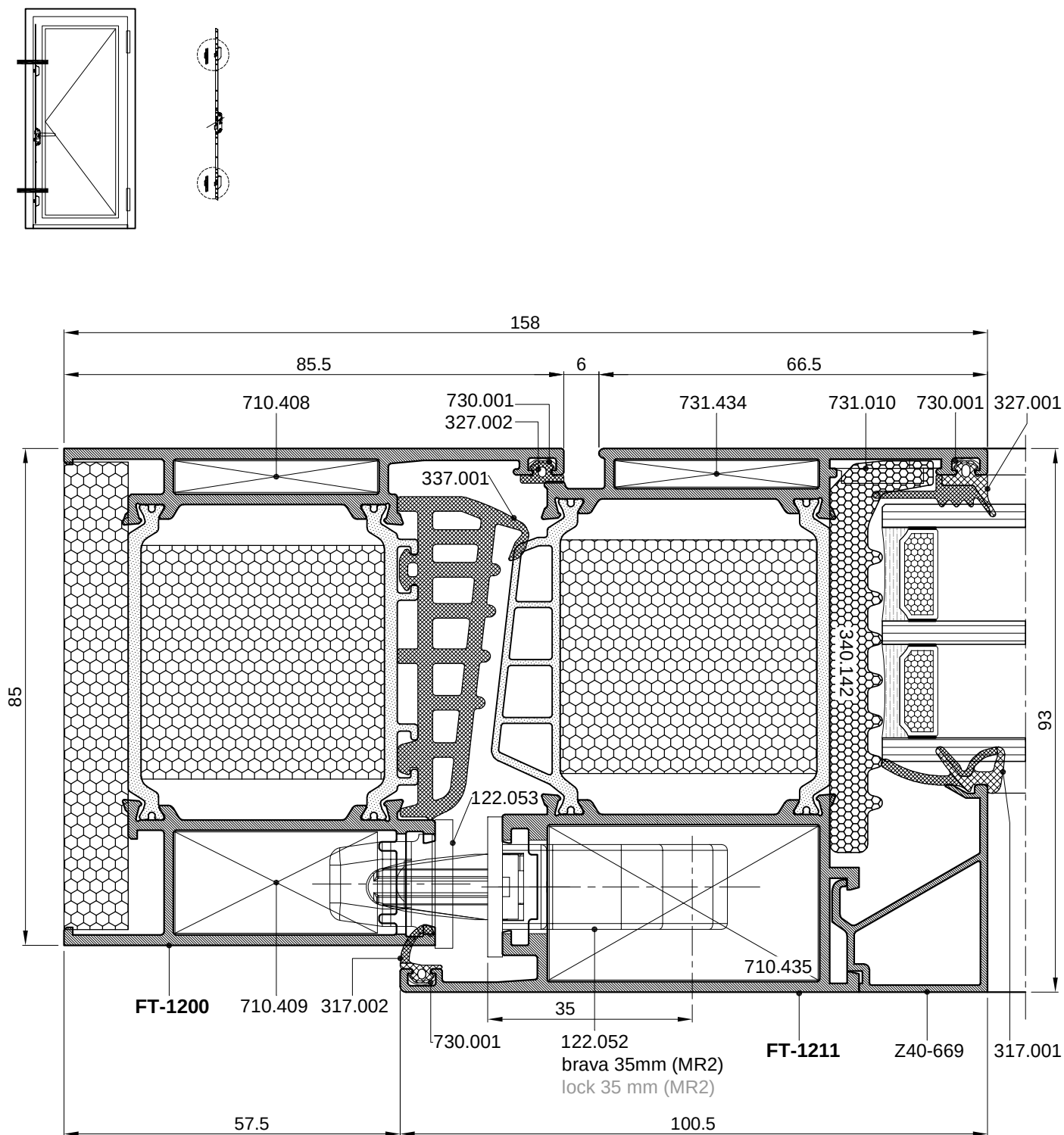


ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)



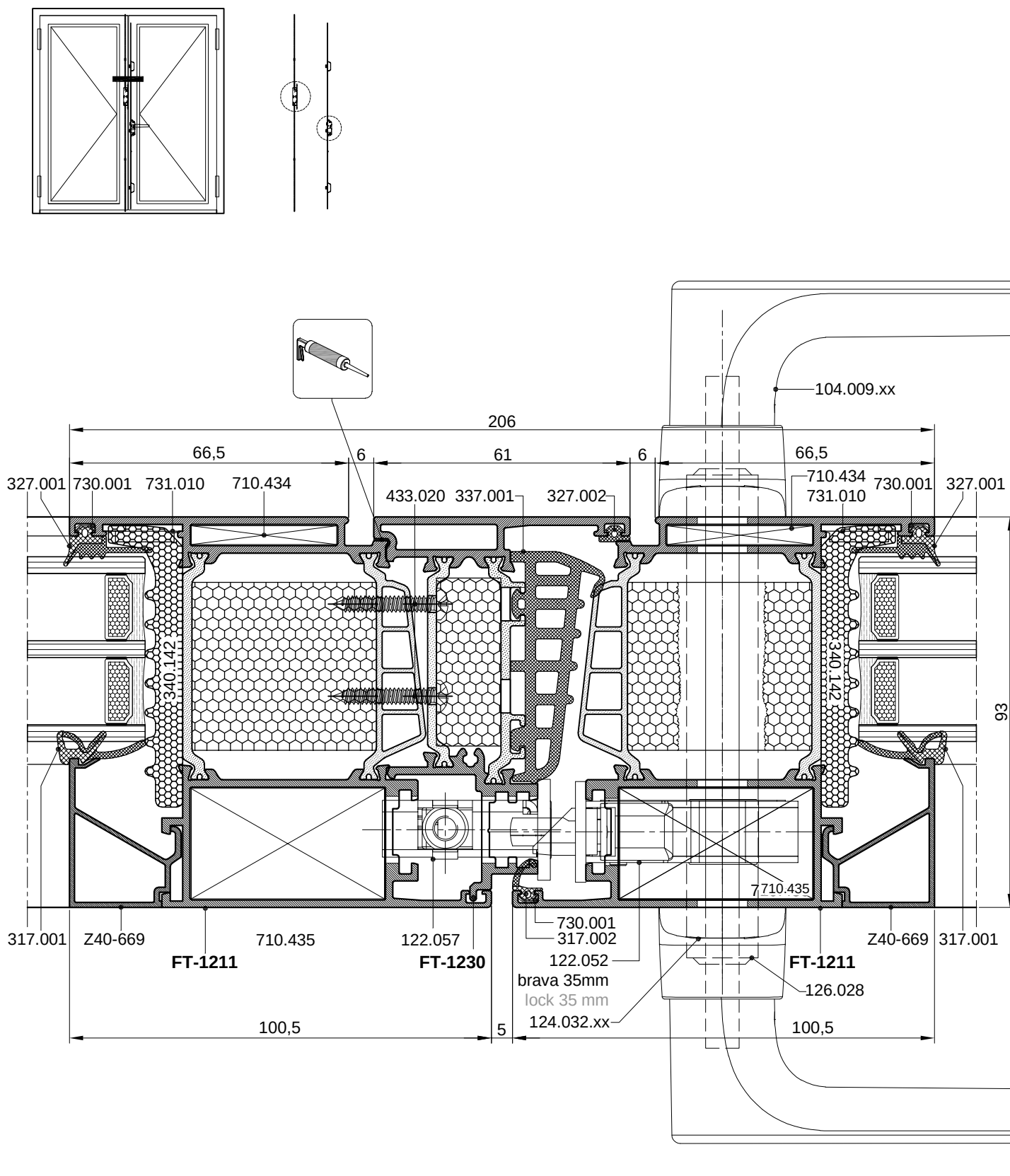
Napomena /Remark:

- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- Door sash for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)



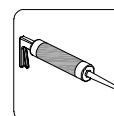
Napomena /Remark:

- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- Door sash for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)

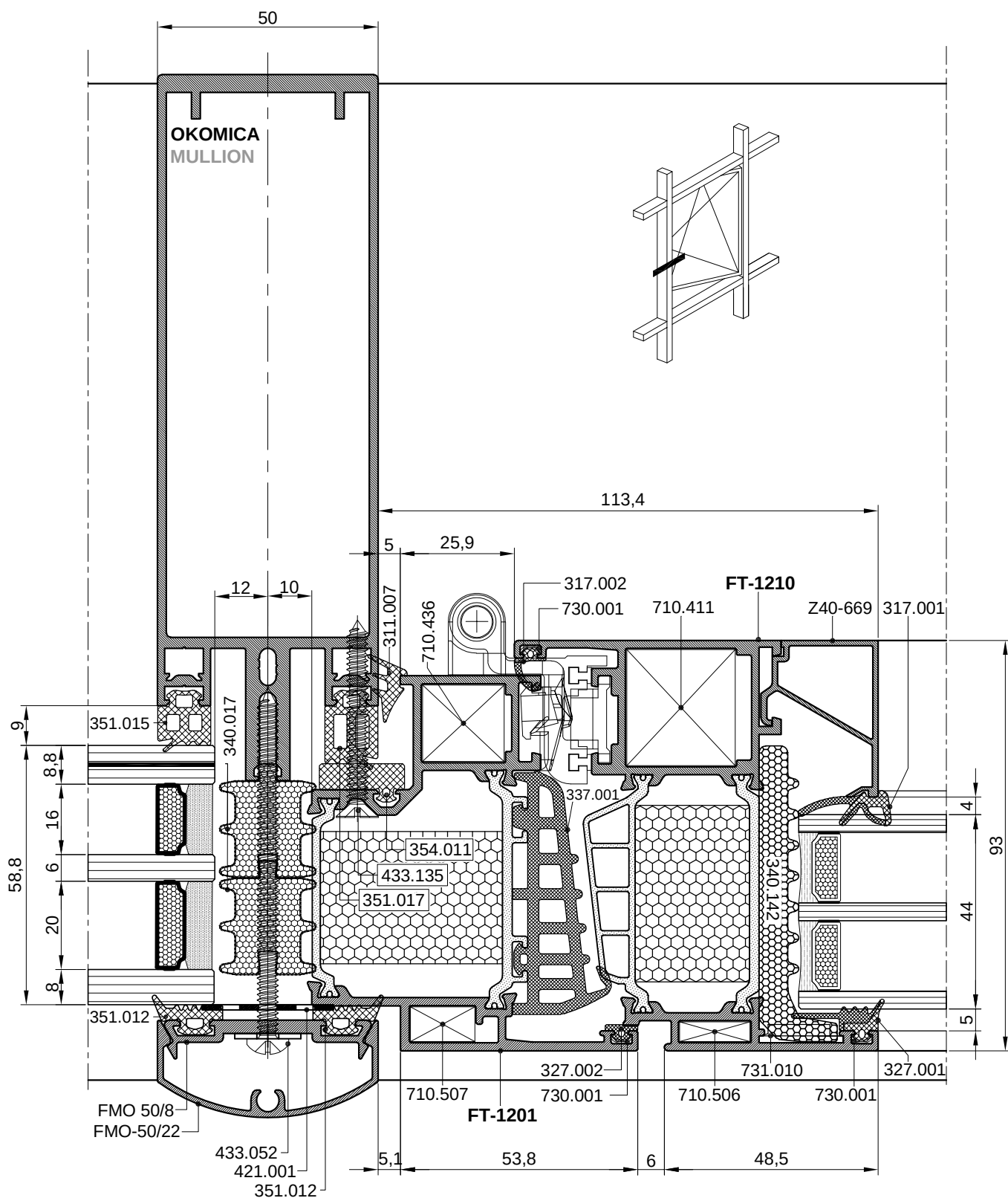


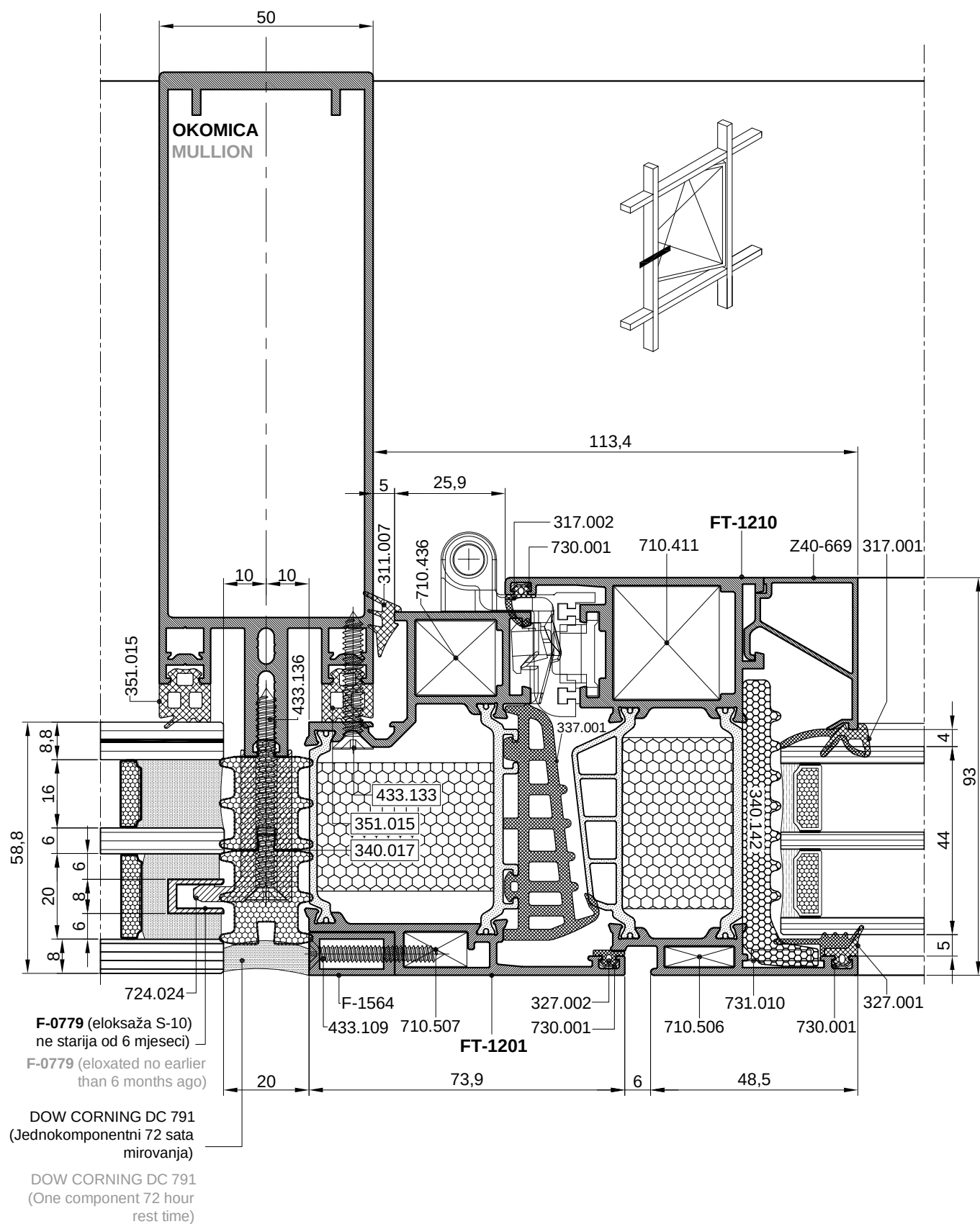
Napomena /Remark:

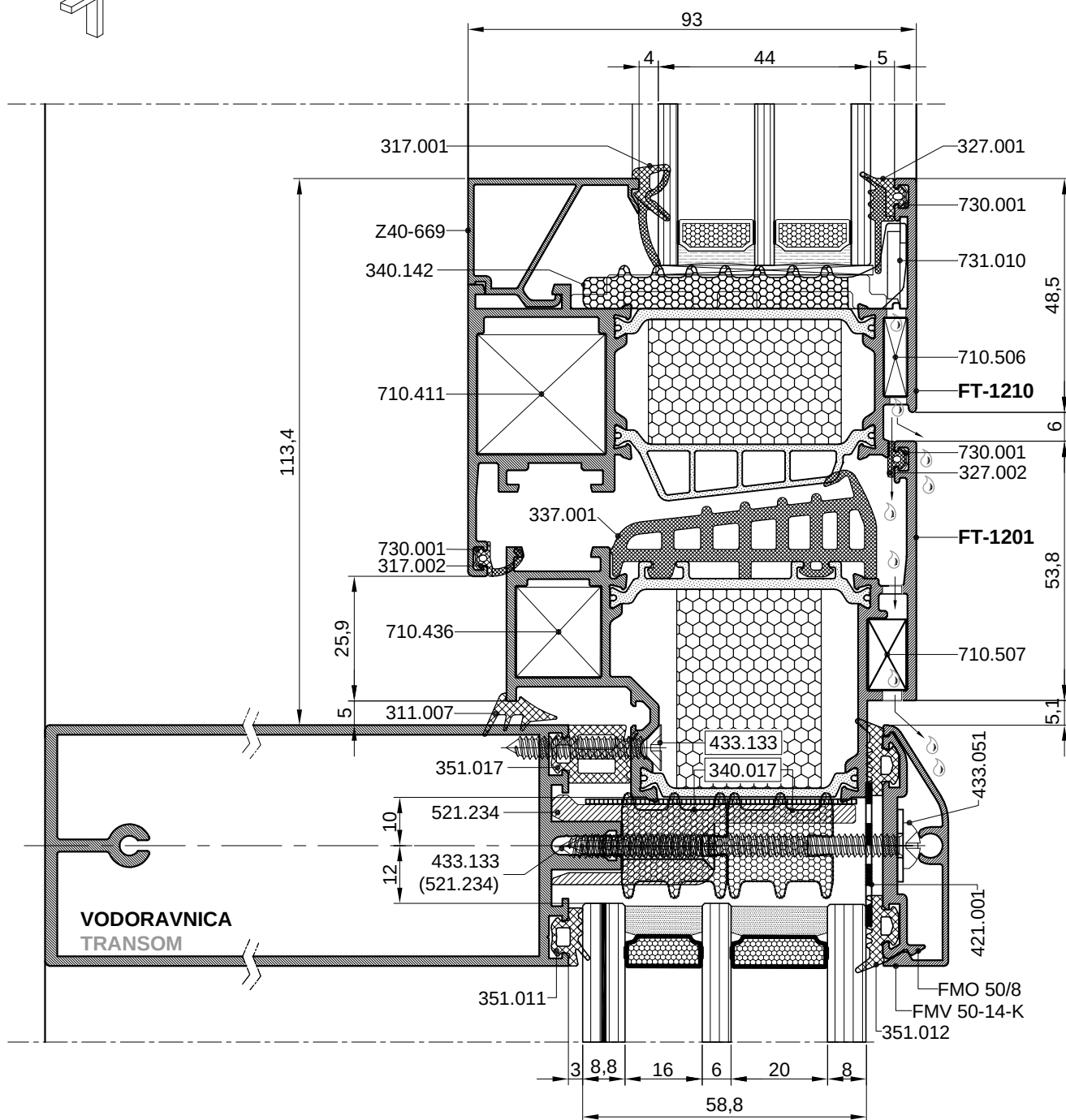
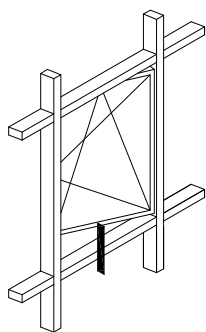
- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- Bravica za ključanje pomoćnog krila...(122.057)
- Door sash for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)
- Lock for the auxiliary leaf... (122.057)

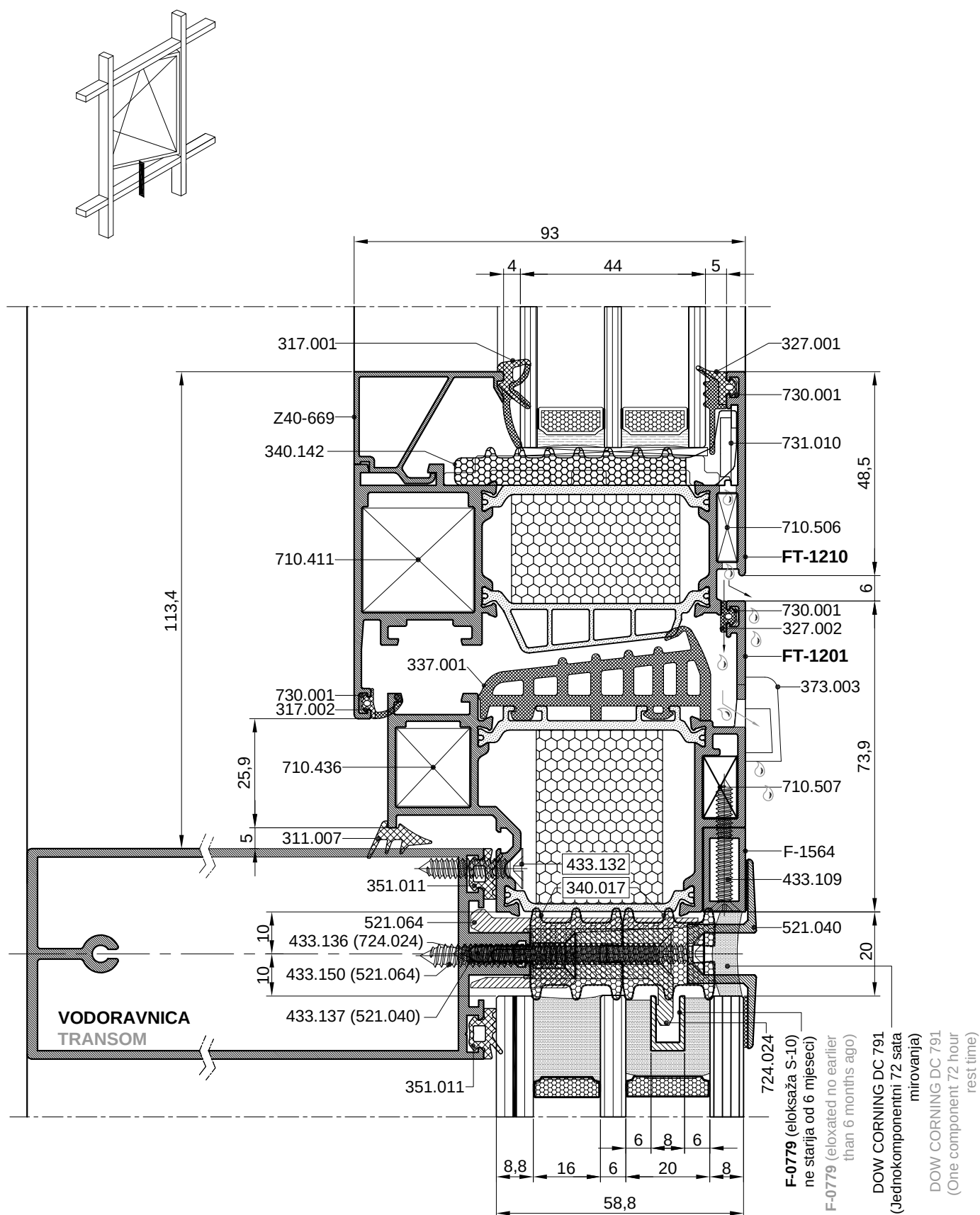


ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

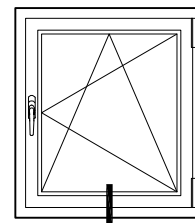






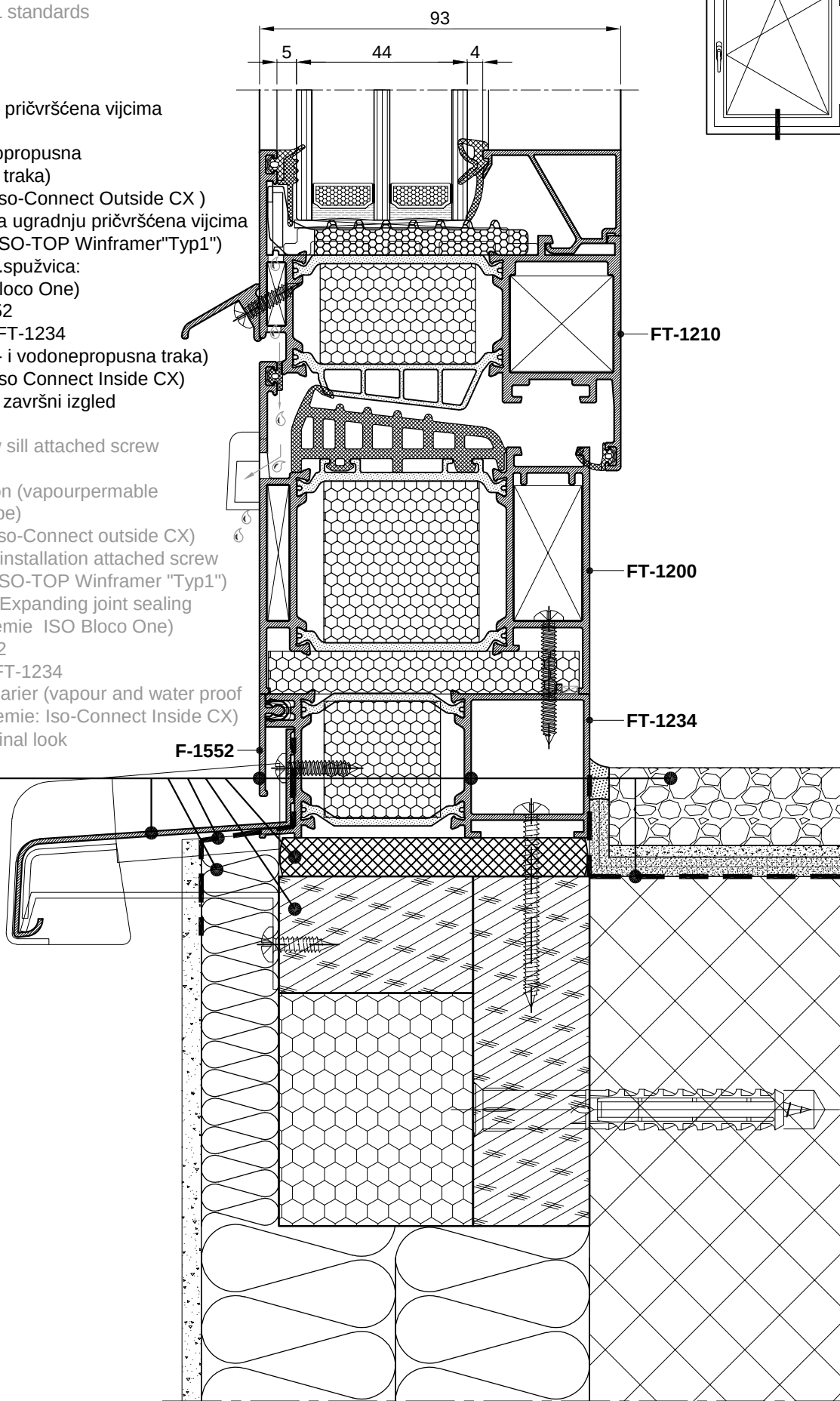


Ugradnja prema RAL standardu
Installation for RAL standards

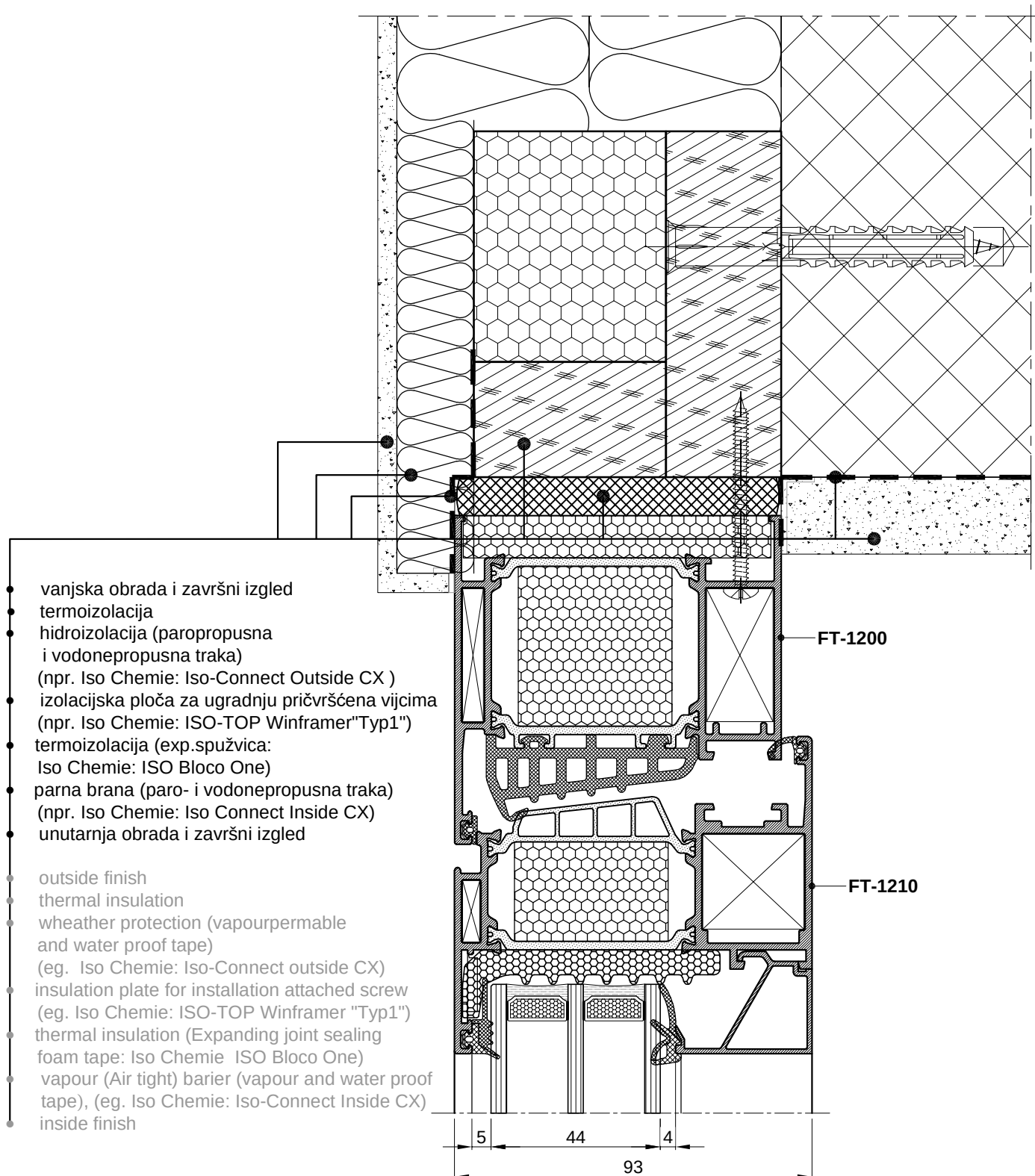
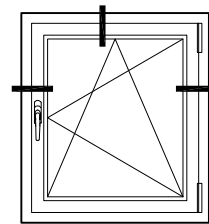


- aluminjska klupica pričvršćena vijcima
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka)
- (npr. Iso Chemie: Iso-Connect Outside CX)
- izolacijska ploča za ugradnju pričvršćena vijcima
- (npr. Iso Chemie: ISO-TOP Winframer"Typ1")
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- profil-mask F-1552
- profil za ugradnju FT-1234
- parna brana (paro- i vodonepropusna traka)
- (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled

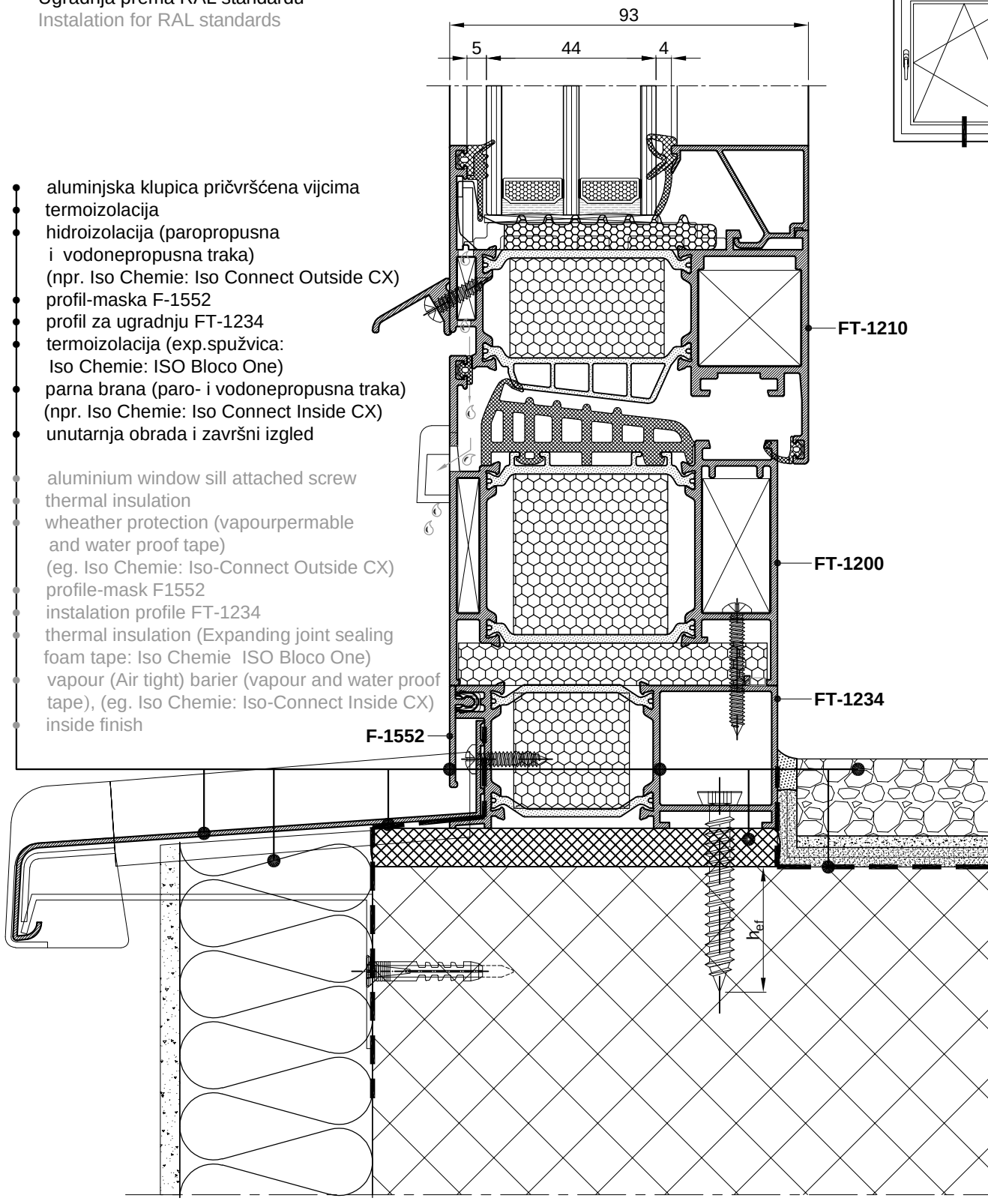
- aluminium window sill attached screw
- thermal insulation
- weather protection (vapourpermable and water proof tape)
- (eg. Iso Chemie: Iso-Connect outside CX)
- insulation plate for installation attached screw
- (npr. Iso Chemie: ISO-TOP Winframer "Typ1")
- thermal insulation (Expanding joint sealing foam tape: Iso Chemie ISO Bloco One)
- profile-mask F1552
- instalation profile FT-1234
- vapour (Air tight) barrier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside facing and final look



Ugradnja prema RAL standardu
Installation for RAL standards



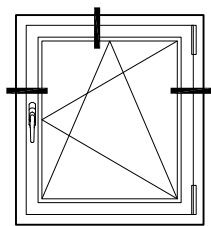
Ugradnja prema RAL standardu
Installation for RAL standards



- aluminjska klupica pričvršćena vijcima
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- profil-mask F-1552
- profil za ugradnju FT-1234
- 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
- aluminium window sill attached screw
- thermal insulation
- wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- profile-mask F1552
- instalation profile FT-1234
- 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

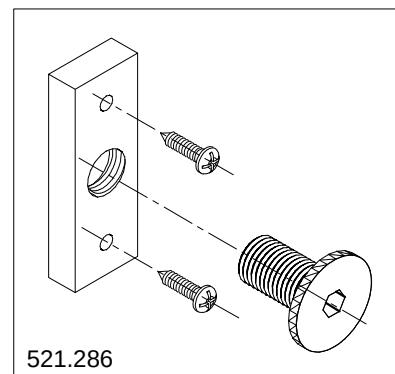
Efektivna dubina ankerisanja h_{ef} :
 $h_{ef} = 20-40\text{mm}$ u Beton
 $h_{ef} = 40\text{mm}$ u punoj cigli
 $h_{ef} \geq 50\text{mm}$ u porobeton
 $h_{ef} \geq 60\text{mm}$ u perforiranoj cigli

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

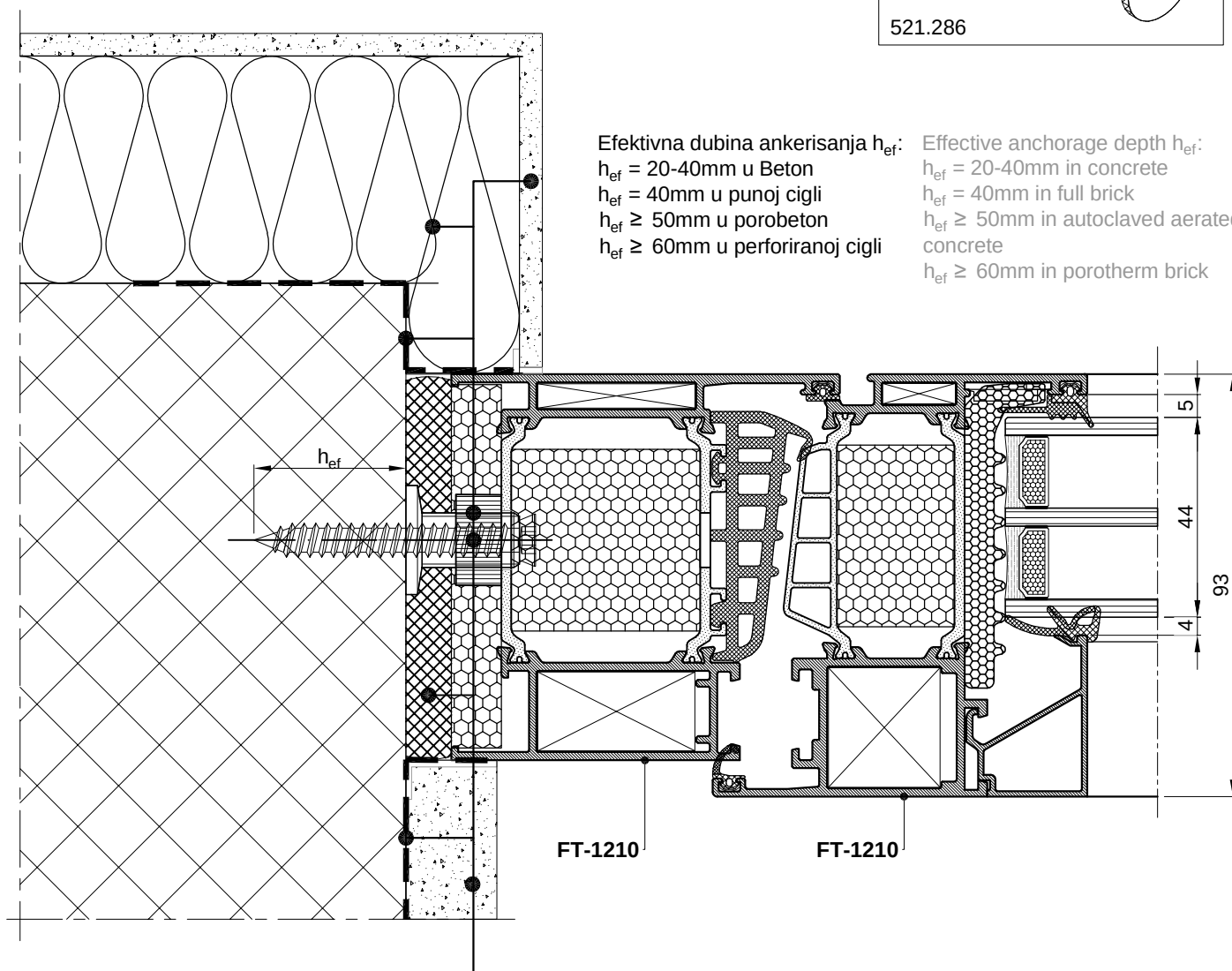


Ugradnja prema RAL standardu
Installation for RAL standards

ELEMENT ZA UGRADNJU
INSTALLATION ELEMENT

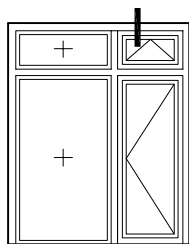


Efektivna dubina ankerisanja h_{ef} : Effective anchorage depth h_{ef} :
 $h_{ef} = 20-40\text{mm}$ u Beton $h_{ef} = 20-40\text{mm}$ in concrete
 $h_{ef} = 40\text{mm}$ u punoj cigli $h_{ef} = 40\text{mm}$ in full brick
 $h_{ef} \geq 50\text{mm}$ u porobeton $h_{ef} \geq 50\text{mm}$ in autoclaved aerated concrete
 $h_{ef} \geq 60\text{mm}$ u perforiranoj cigli $h_{ef} \geq 60\text{mm}$ in porotherm brick



- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka)
- (npr. Iso Chemie: Iso Connect Outside CX)
- element za ugradnju 521.286
- vijak za ugradnju (npr. 430.184)
- (npr. Fischer FFS 7.5 x 62)
- 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

- outside finish
- thermal insulation
- weather protection (vapourpermeable and water proof tape)
- (eg. Iso Chemie: Iso Connect Outside CX)
- Installation element 521.286
- Installation screw (eg. 430.184)
- (eg. Fischer FFS 7.5 x 62)
- 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



Efektivna dubina ankerisanja 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

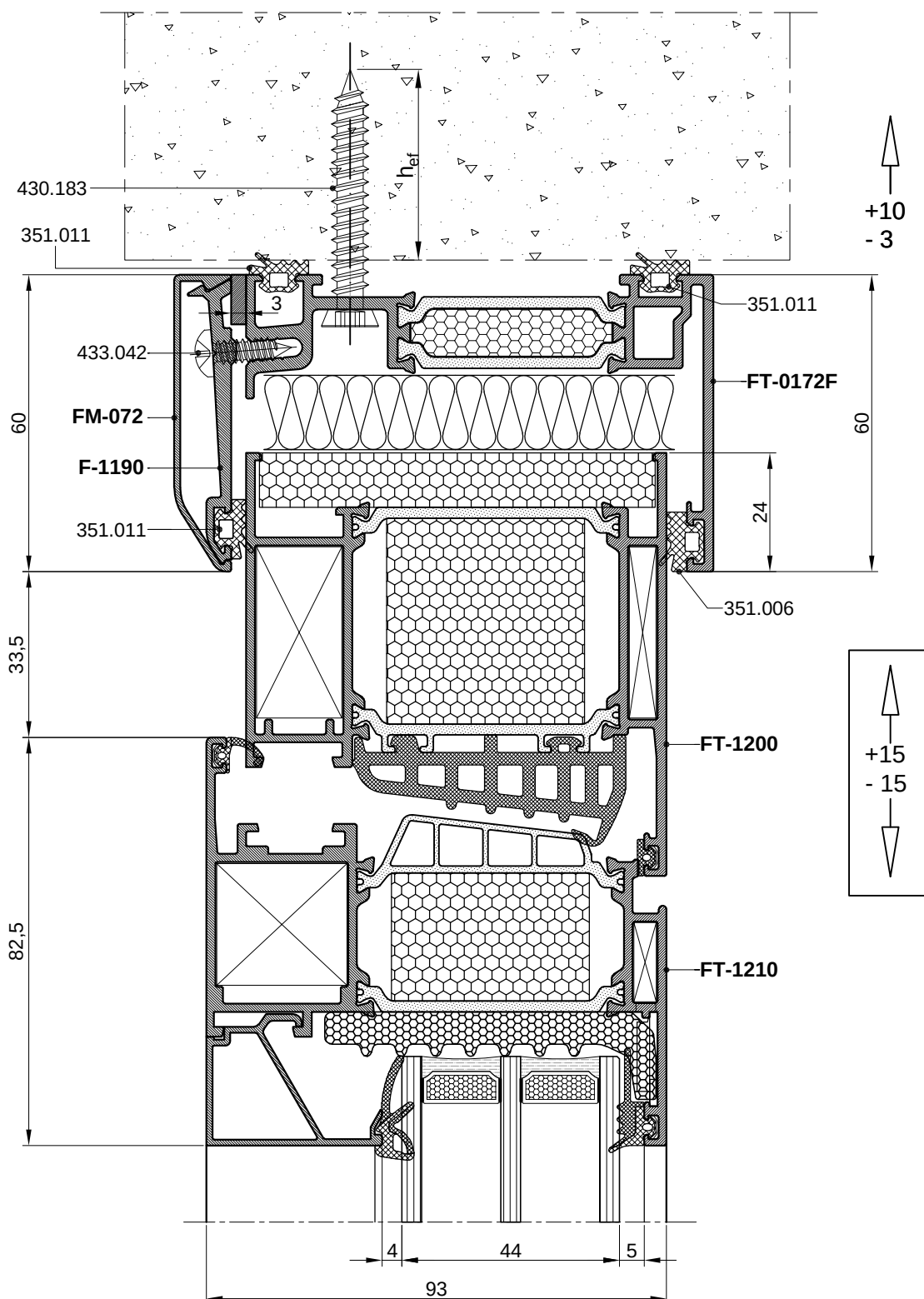
Effective anchorage depth h_{ef} :

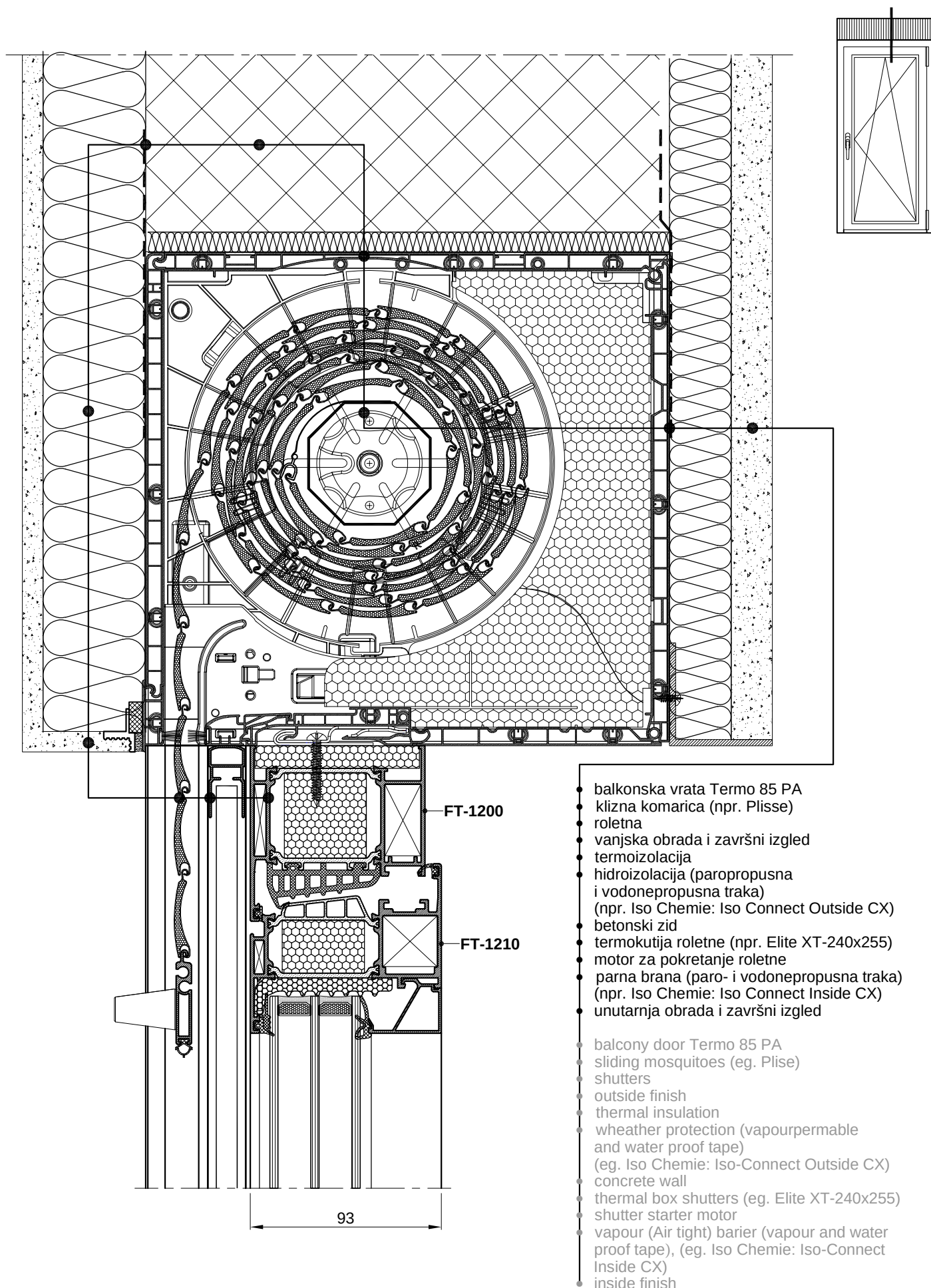
$h_{ef} = 20-40\text{mm}$ in concrete

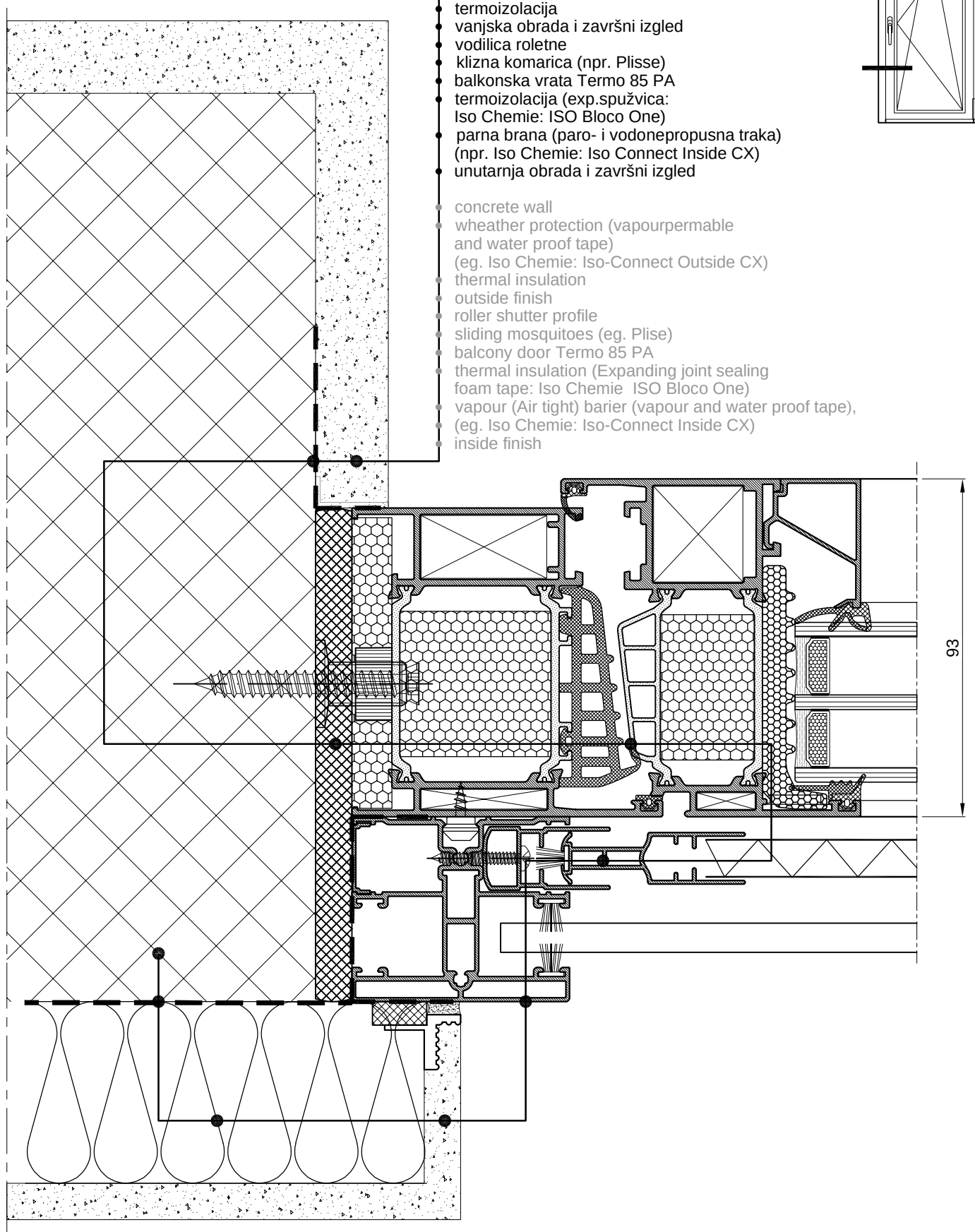
$h_{ef} = 40\text{mm}$ in full brick

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

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







Obrada i montaža

Processing and montage

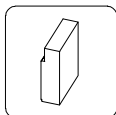
PILANJE PROFILA

1. PILA



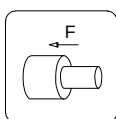
- koristiti oštar nož pile,
- uzeti u obzir tolerancije pilanja,
- provjeriti točnost dimenzija,
- koristiti glavne i pomoćne zatezače-pakne

2. UMETAK ZA PILANJE PROFILA



- koristiti podloške odnosno umetke za pravilno pozicioniranje profila prije samog pilanja, (vidjeti smjernice za obradu, kao i pravilan odabir umetaka)
- umetke postaviti u pravilan položaj

3. ZATEZAČI - PAKNE



- osigurati pravilan položaj zatezanja, (prije samog zatezanja provjeriti da li je profil bez nagiba)

PROFILE SAWING

1. SAW

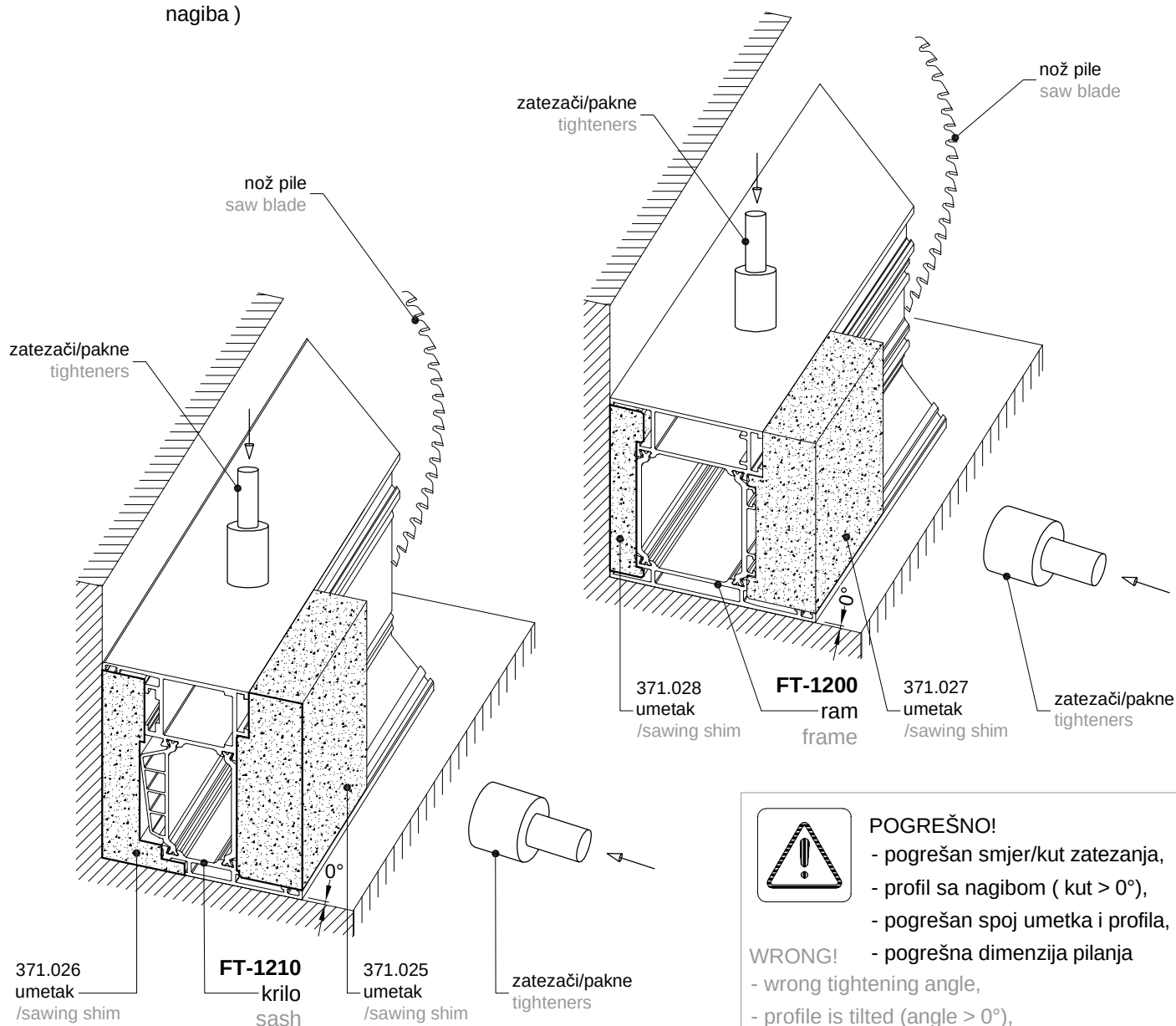
- use sharp saw blade,
- take in the account of sawing tolerances,
- check dimension accuracy,
- use main and auxiliary tighteners

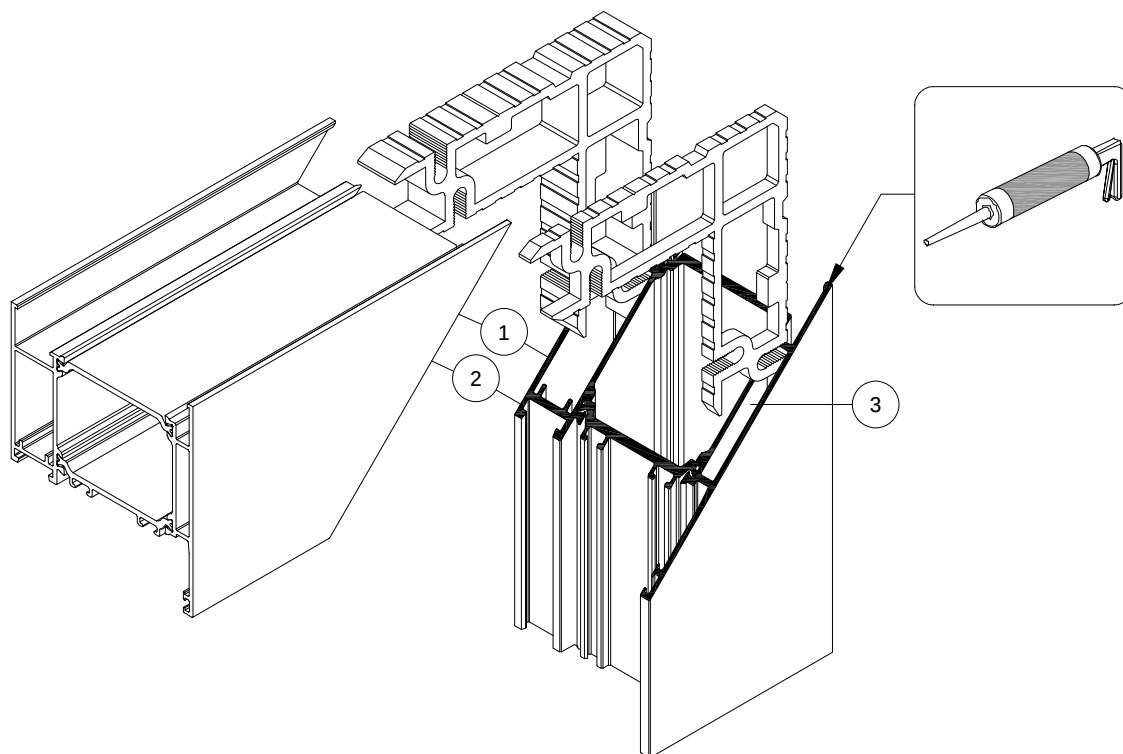
2. SAWING SHIM

- use sawing shims for proper positioning before the sawing, see processing guidelines and proper shim selection)
- set shims in the proper position

3. TIGHTENERS

- insure that the profile is in the right position (before the tightening check that the profile is not tilted)



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 iscuri 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.

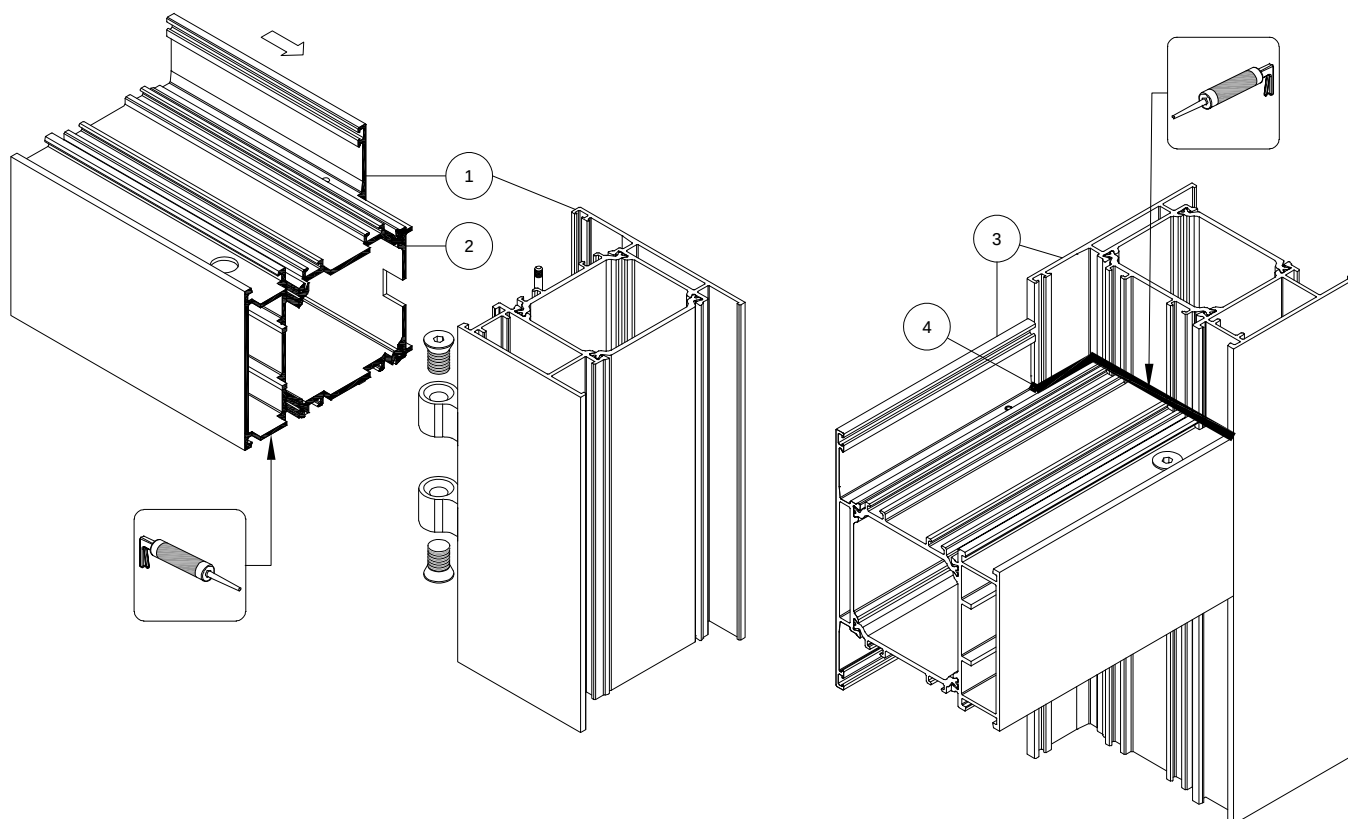
PROFILE CONNECTION PROCEDURE:

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 POMOĆU VEZNIKA CONNECTING OF PROFILES BY USING CONNECTING ELEMENT -(T-BRACKET)



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. Profile s veznicima izravnati i spojiti
- 4. Nakon spajanja profila, sve spojeve profila ispuniti ljepilom za metal**
/npr. "Henkel" - *Teroson MS 939 I.*
5. Dio ljepila koji iscuri između rezova očistiti sredstvom za čišćenje i odmašćivanje
/npr. "Henkel" - *Teroson VR 20 ili Teroson FL+ I.*

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.

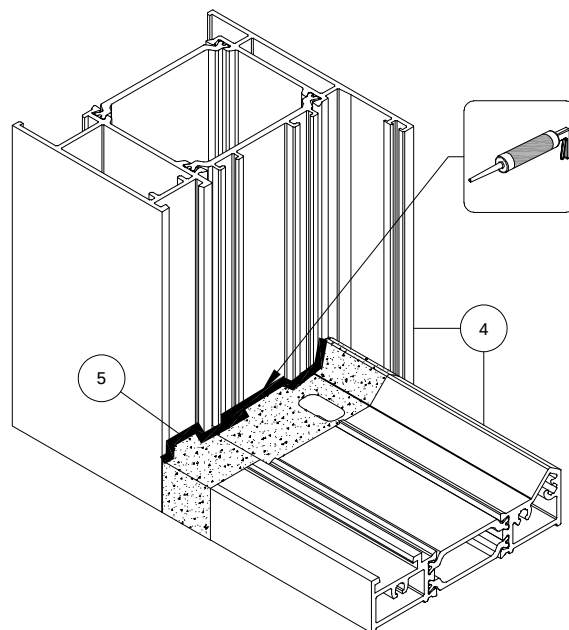
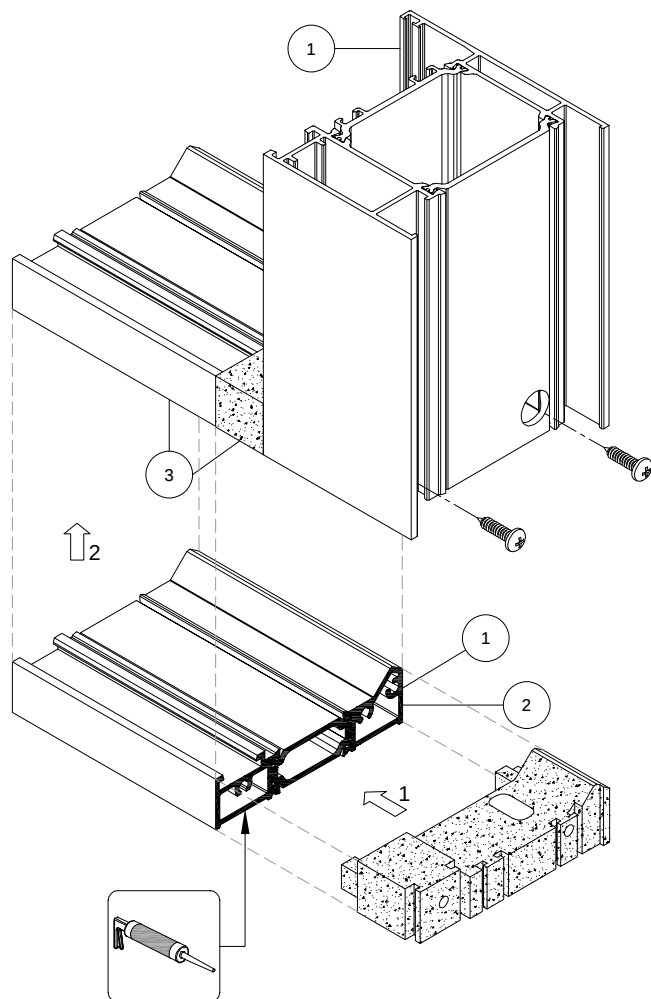
PROFILE CONNECTION PROCEDURE:

1. Clean and degrease all connecting surfaces with suitable products
/e.g. "Henkel" - *Teroson VR 20 ili Teroson FL+ I.*
2. Smear connecting all surfaces with metal glue
/e.g. "Henkel" - *Teroson MS 939 I.*
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. "Henkel" - *Teroson MS 939 I.*
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:

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.

SPAJANJE PROFILA PRAGA SA PROFILOM RAMA POMOĆU UMETKA
CONNECTING THE THRESHOLD PROFILE WITH FRAME PROFILE USING END INSERT



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. Na profilu praga premazati sve površine koje se spajaju ljepilom za metal /npr. "Henkel" - Teroson MS 939 I.
- 2.1. Ljepilo za metal ubrizgati u komore profila praga na mjestima gdje ulazi umetak (po opsegu komore)
3. Profil praga i umetak izravnati i spojiti.
4. Profil praga sa spojenim umetkom izravnati i spojiti sa profilom rama.
5. Nakon spajanja profila, sve spojeve profila i umetka ispuniti ljepilom za metal /npr. "Henkel" - Teroson MS 939 I.
6. Dio ljepila koji iscure između rezova očistiti sredstvom za čišćenje i odmašćivanje /npr. "Henkel" - Teroson VR 20 ili Teroson FL+ I.

NAPOMENA:

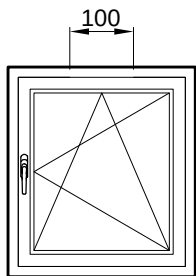
Lijepljenjem rezova, kao i svih spojeva profila sa ljepilima za metal, osigurava se potrebna zrak i vodonepropusnosti spoja kao i dodatna mehanička čvrstoća spoja.

PROFILE CONNECTION PROCEDURE:

1. Clean and degrease all connecting surfaces with suitable products /e.g. "Henkel" - Teroson VR 20 ili Teroson FL+ I.
2. On threshold profile smear all connecting surfaces with metal glue /e.g. "Henkel" - Teroson MS 939 I.
- 2.1. Inject metal glue into chambers on ends of the profile for the insert (on chamber edges).
3. Level threshold profile with insert and connect them
4. Level threshold profile with the connected insert with the frame and connect them
5. After joining the profiles, all profile connections must be filled with metal glue /e.g. "Henkel" - Teroson MS 939 I.
6. Leaked glue that comes from the joints remove with cleaning and degreasing products /e.g. "Henkel" - Teroson VR 20 ili Teroson FL+ I.

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.

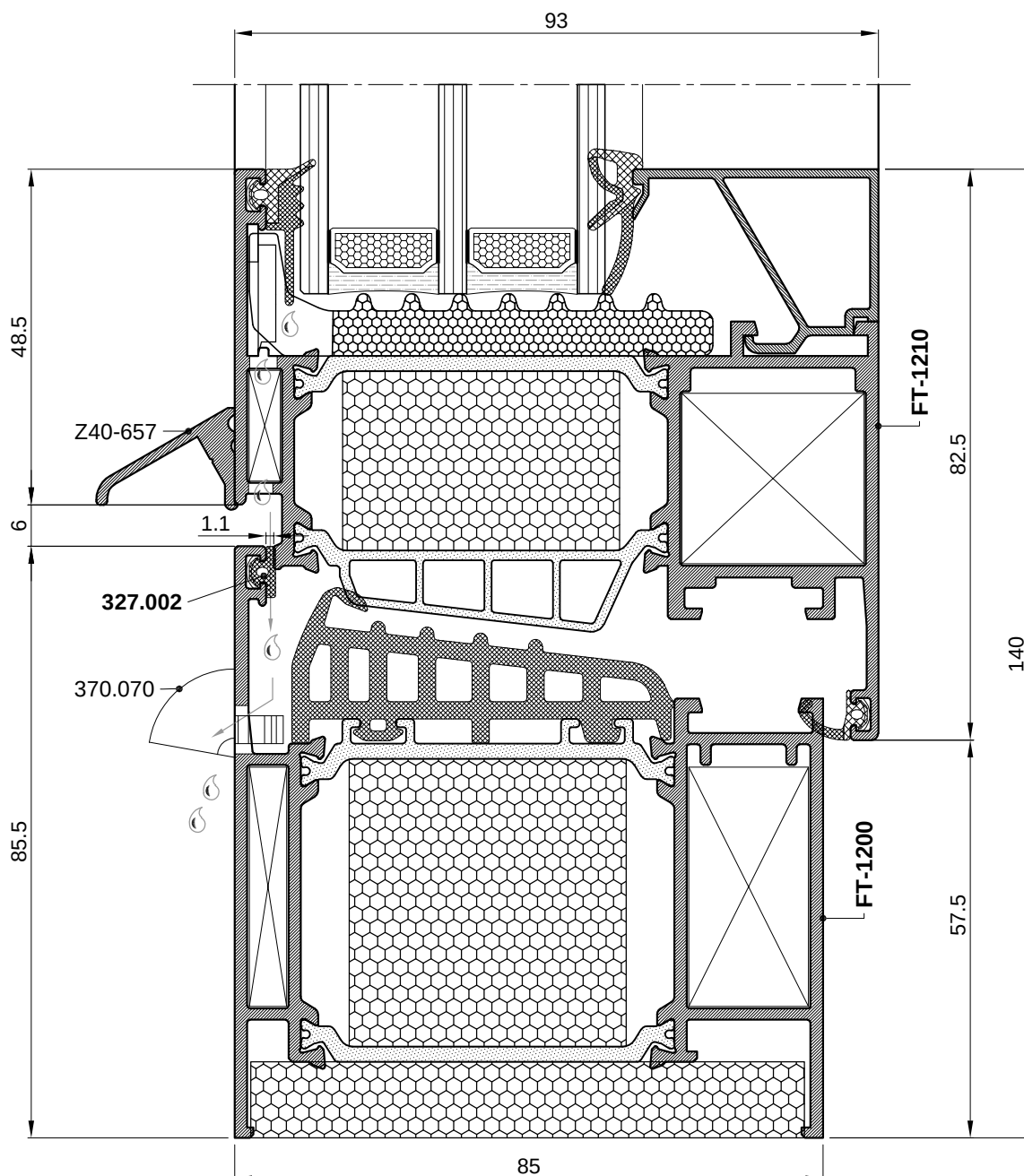


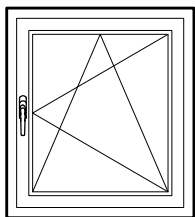
UPORABA BRTVE 327.002

- Da li je prozor izložen manjoj ili većoj količini padalina, 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.

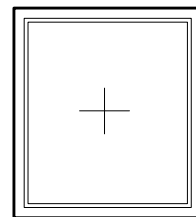
APPLIANCE OF GASKET 327.002

- If the window is exposed to a smaller or larger amount of precipitation, there is a possibility for "overflowing" and drainage openings for condensate on frame profile can't take out all the water that enters the drainage space in the frame profile, which increases the possibility of water entering into interior part of profile, or inside the object. To prevent this it is recommended to use gasket 327.002.
- 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 termo ispuni 340.142 i 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 koji se maskiraju čepom 370.070.

Napomena: Otvore na profilu rama uvijek držati otvoreni.

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 thermo insulation 340.142 and sash profile. Part of the rain water from inside the sash and rain water from outside enters the drainage space in the 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

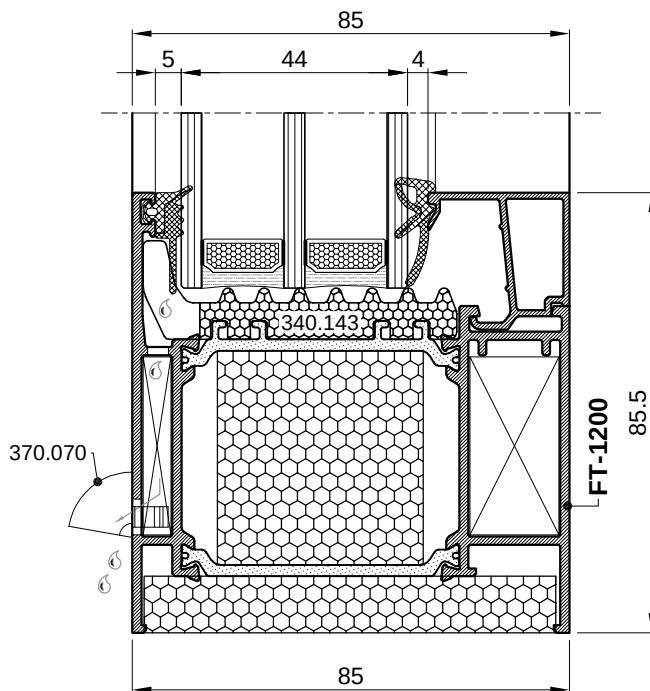
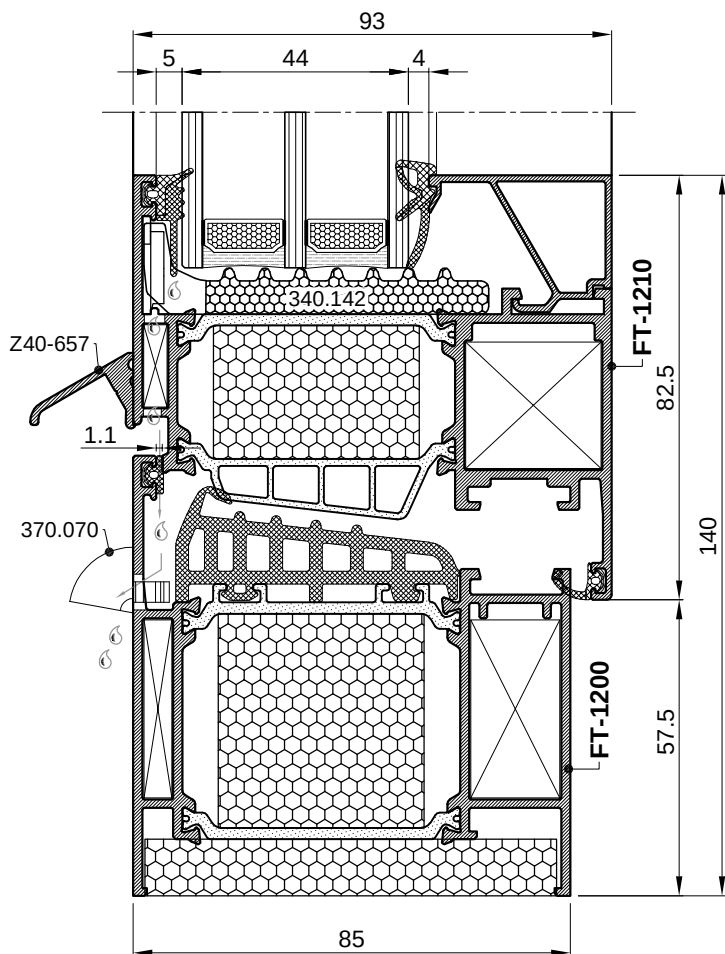
Kapljevine koje uđu u ram između vanjske brtve i staklo ispune, vode se kroz otvor na termo ispuni 340.143 i profilu rama prema vani. Otvori u profilu se maskiraju čepom 370.070.

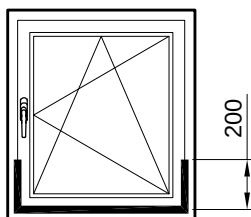
Napomena: Otvore na profilu rama uvijek držati otvoreni.

DRAINAGE FROM AN FIXED WINDOW

Rain water that enters in the sash between exterior gasket and glass filling is drained outwards through drainage openings on thermo insulation 340.143 and frame profile. Drainage openings on the profile are masked with cap 370.070.

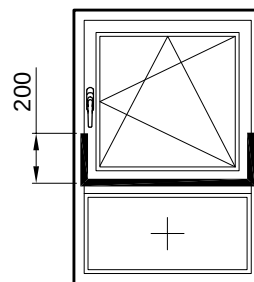
Note: Openings on profile should be always open.





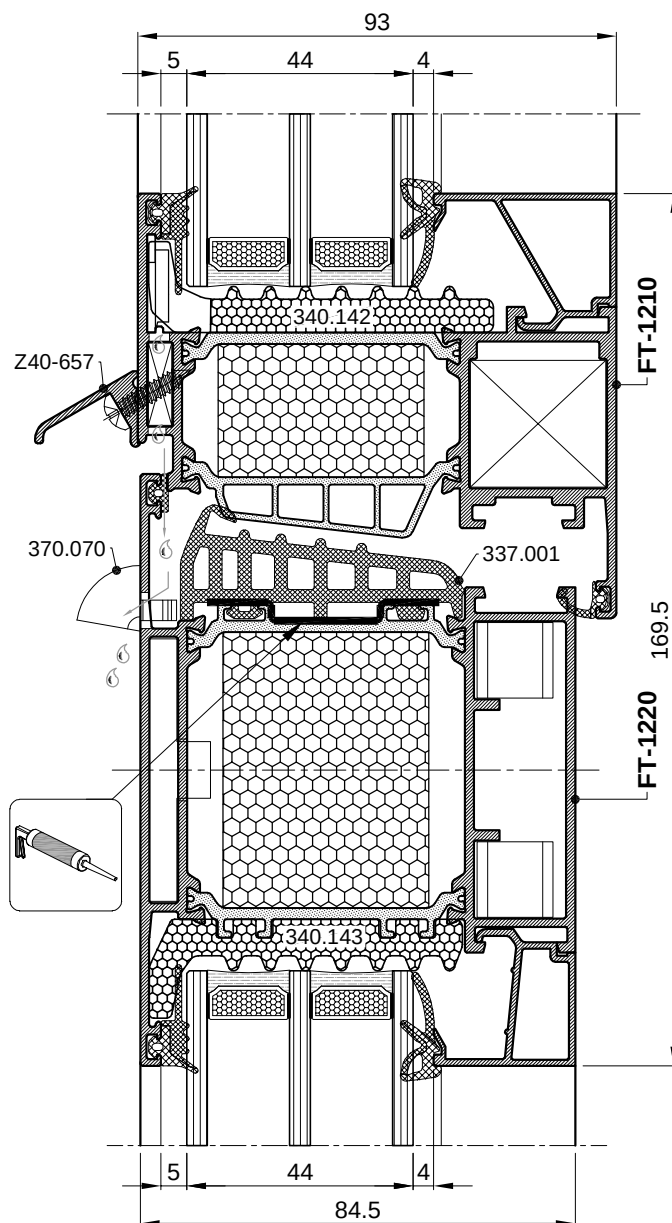
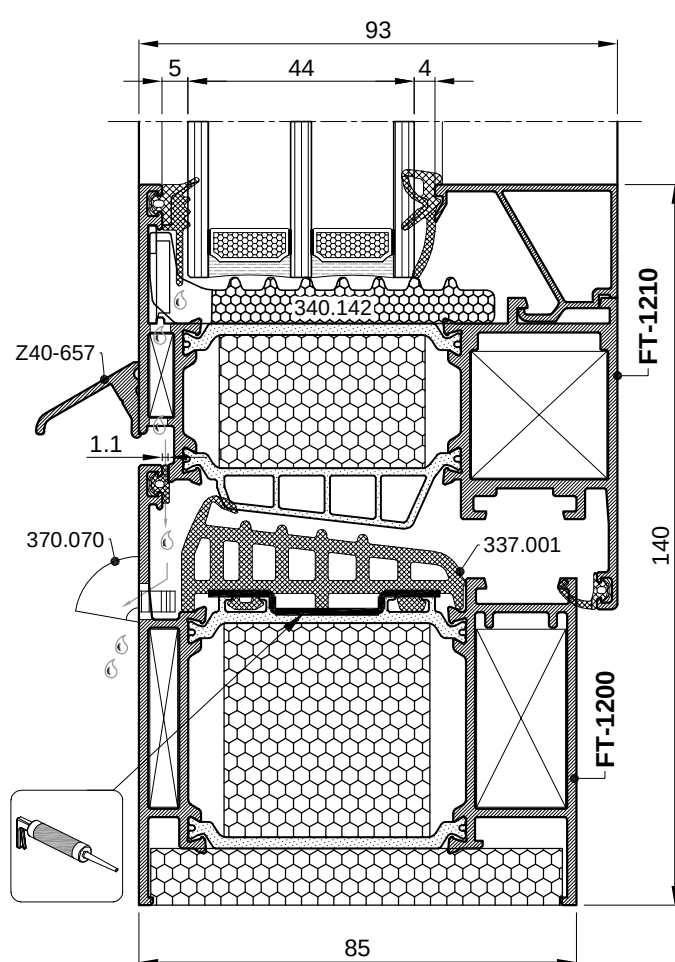
LIJEPLJENJE CENTRALNE BRTVE ZA PODLOGU

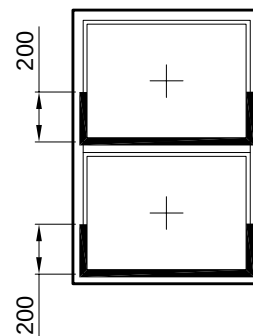
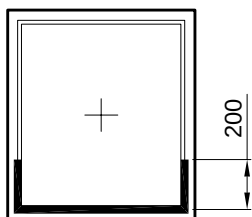
U uvjetima veće izloženosti prozora padalinama, radi mogućeg prodora kapljevina, preporučuje se lijepljenje centralne brtve 337.001 za podlogu, neutralnim ljepljivom / npr. "Henkel" - *Teroson MS 939* / prema crtežu.



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 337.001 to the profile with neutral glue / e.g. "Henkel" - *Teroson MS 939* / as shown on the drawing.



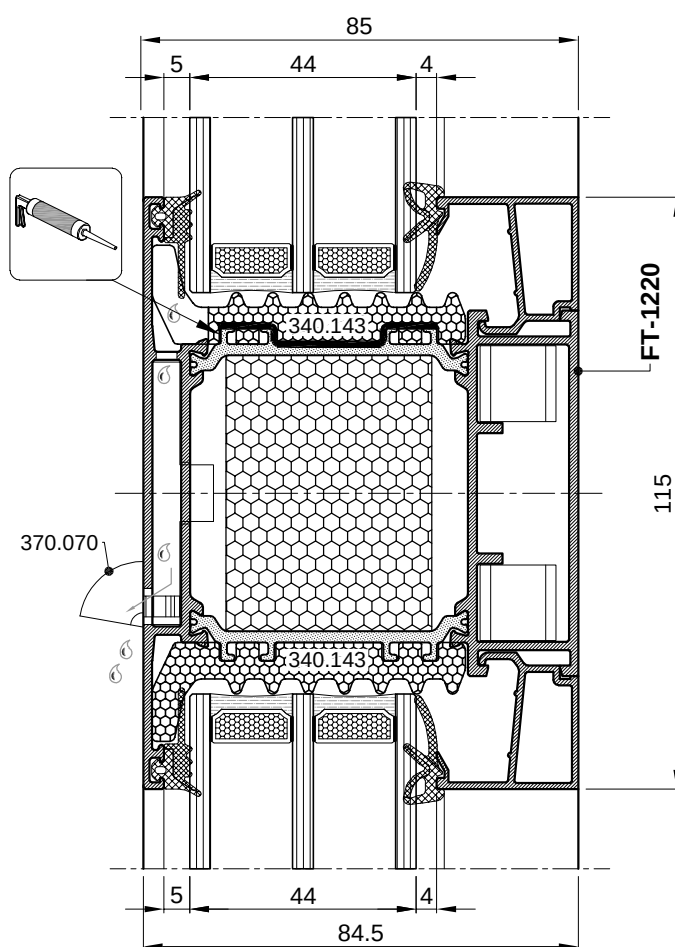
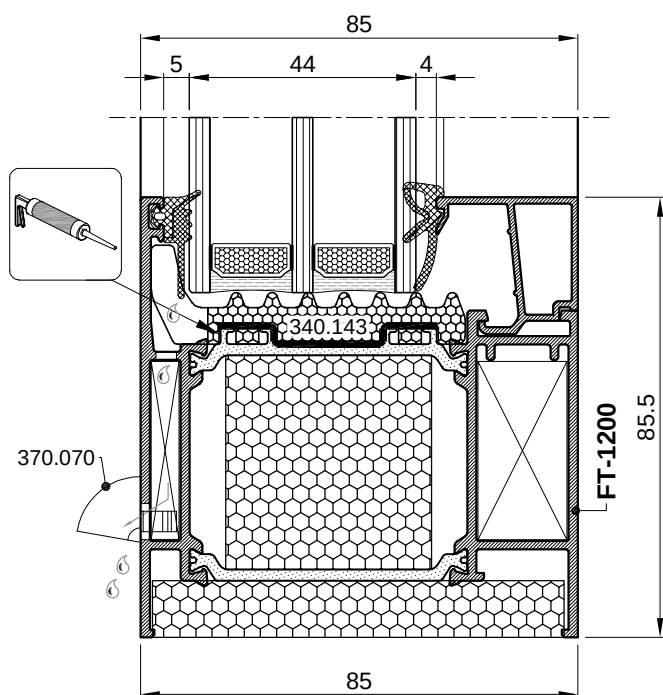


LIJEPLJENJE ISPUNE ZA PODLOGU

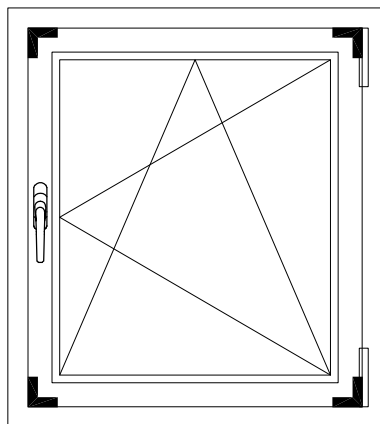
U uvjetima veće izloženosti prozora padalinama, radi mogućeg prodora kapljevina, preporučuje se lijepljenje termo ispune 340.143 za podlogu, neutralnim ljepilom / npr. "Henkel" - *Teroson MS 939* /, prema crtežu.

GLUEING OF THE THERMO INSULATION

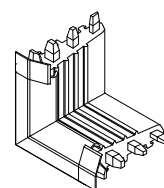
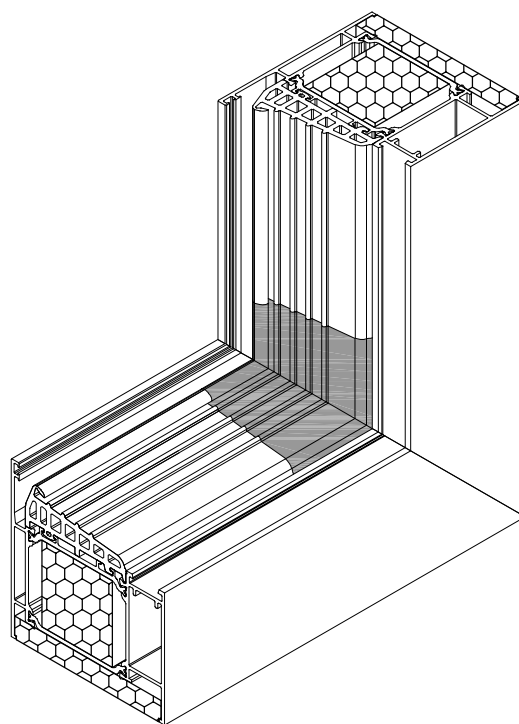
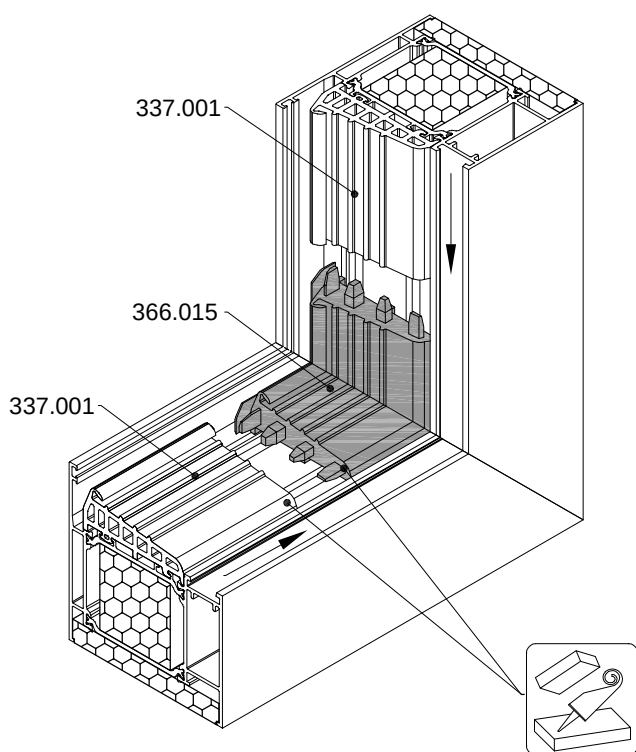
In conditions of larger rain percipitation, to preventing possible rain water breach, it is recommended to glue thermo insulation 340.143 to the profile with neutral glue / e.g. "Henkel" - *Teroson MS 939* /, as shown to the drawing.



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



- Preporučuje se, na mjestu dodira, lijepljenje centralne brtve 337.001 i kutnog umetka 366.015 ljepilom za EPDM (npr. trenutno ljepilo 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 337.001 and the corner insert 366.015 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.



366.015 -Kutni umetak za centralnu brtvu 337.001
366.015 -Corner insert for central gasket 337.001

PREPORUKA:

Uslijed elastičnosti, dilatacije te drugih utjecaja moguće je povlačenja (skupljanja) brtve prema staklu u žlijebu, što može dovesti do prodora vode u profil.

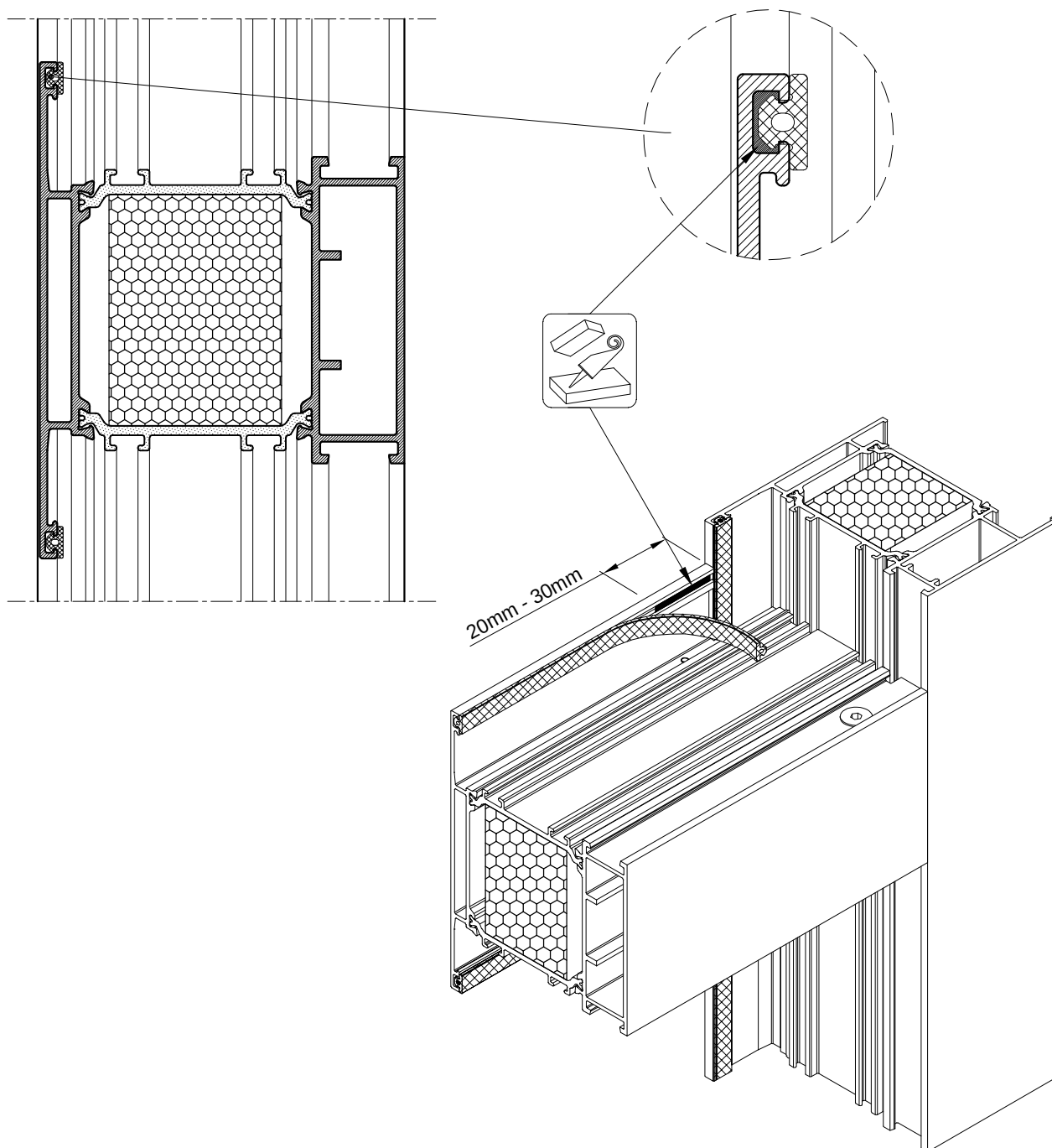
Preporučuje se lijepljenje kraja brtve ljepilima za metal i EPDM (npr. trenutno ljepilo Loctite 4090)-prema skici.

Odnosi se na sve brtve koje se uvlače u žlijeb.

RECOMMENDATION:

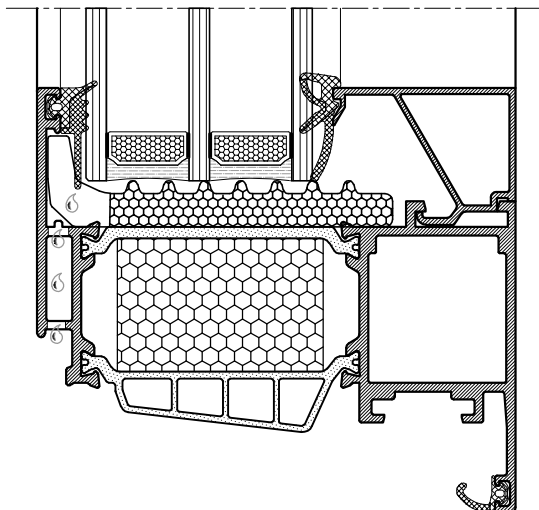
Due to elasticity, dilatation and other impacts gasket retraction towards the glass is possible, which can lead to water penetration in the profile.

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.

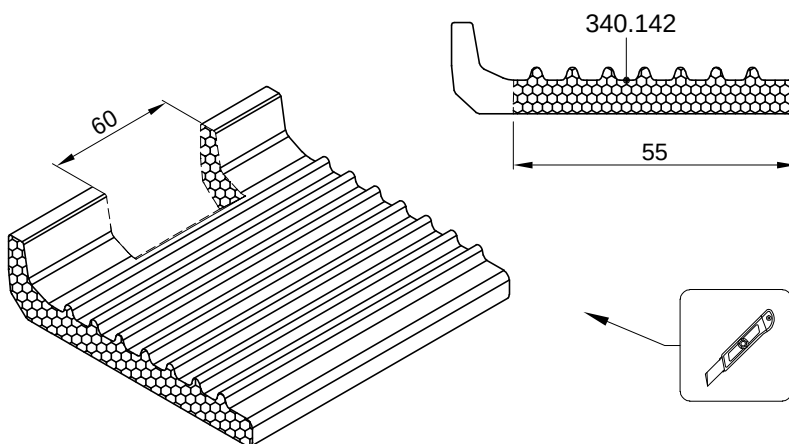


OBRADA TERMO ISPUNE XPE PO OPSEGU STAKLA ZA ODVODA KAPLJEVINA I VENTILIRANJA KOMORA KRILA PROZORA PROCESSING OF THERMO INSULATION XPE AROUND THE GLASS FOR DRAINAGE AND VENTILATION OF SASH CHAMBERS

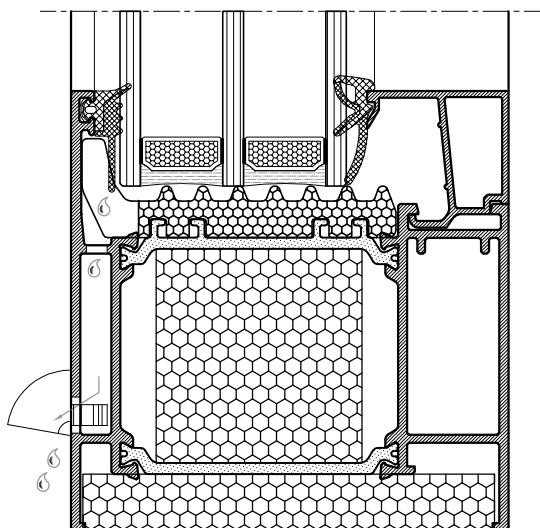
FT-1210



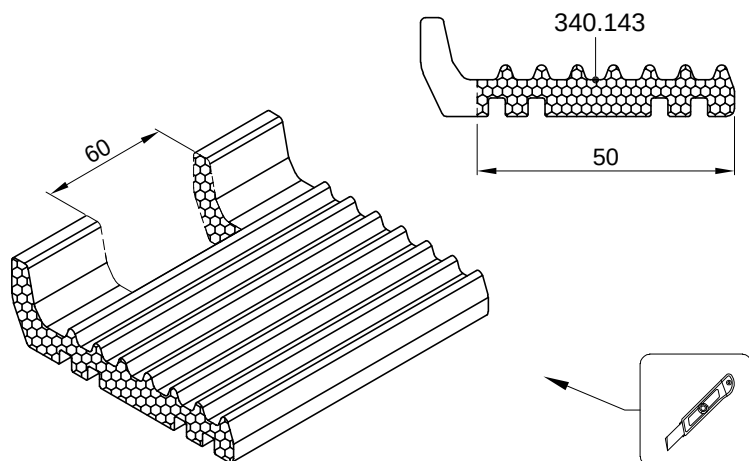
- obrada termo ispune XPE u donjem pojasu krila radi odvoda kapljevina
- obrada termo ispune XPE okomitih pojasa krila radi ventiliranja komora krila prozora (otvore na termo ispuni XPE raditi na mjestima gdje se nalaze i otvori za odvod kapljevina kao i otvori za ventiliranje komora krila prozora)
- Alat: škare ili skalpel
- processing of thermal insulation XPE in lower zone for water drainage
- processing of thermal insulation XPE in vertical zone for ventilation of sash chambers . (cut-outs on the thermal insulation XPE should be made on positions where water drainage and ventilation slots are located)
- Work tool: scissors or scalpels

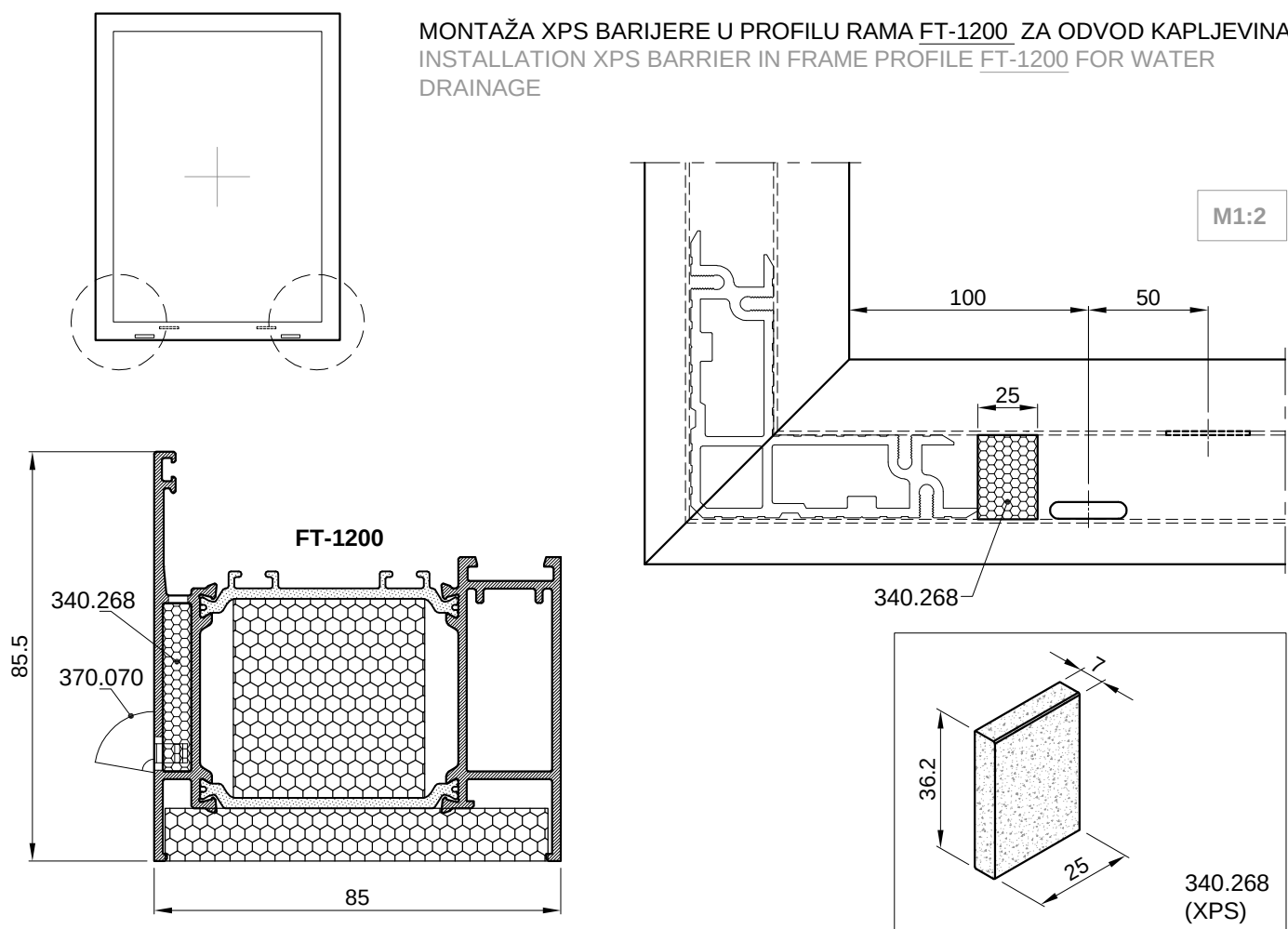


FT-1200

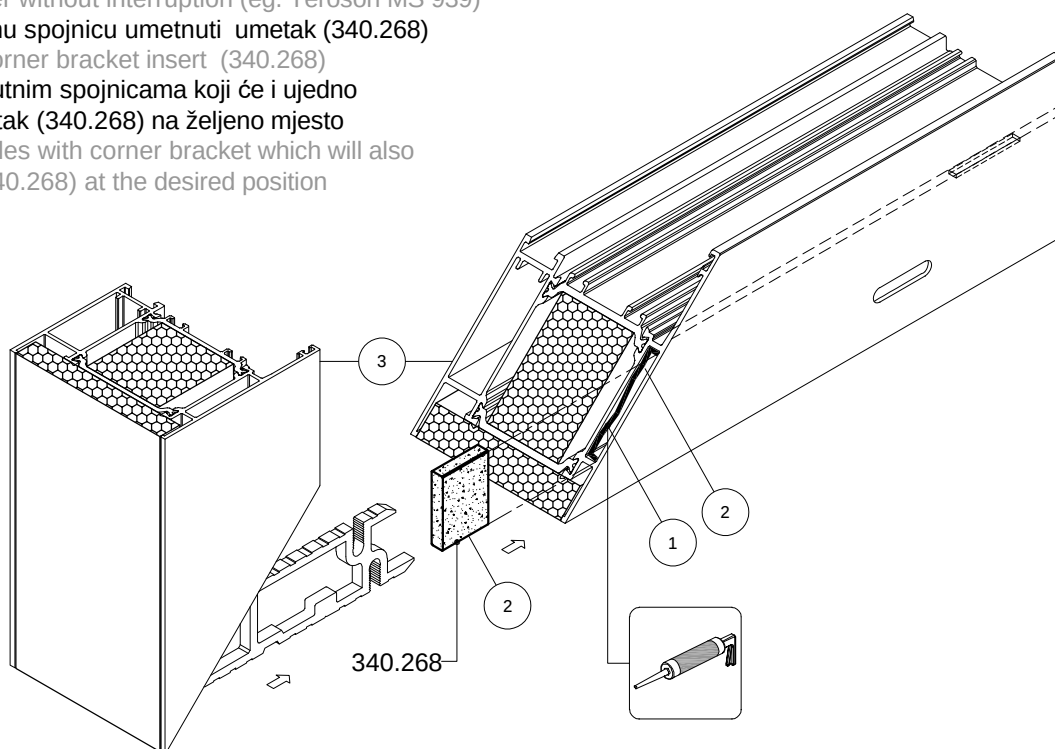


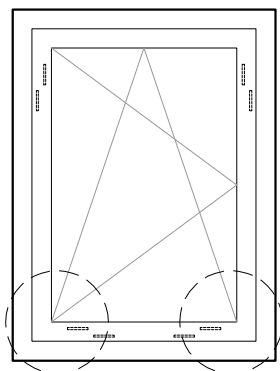
- obrada termo ispune XPE u donjem pojasu rama radi odvoda kapljevina (otvore na termo ispuni XPE raditi na mjestima gdje se nalaze i otvori za odvod kapljevina iz profila rama)
- Alat: škare ili skalpel
- processing of thermo insulation XPE in lower zone for water drainage (cut-outs on the thermal insulation XPE should be made on positions where water drainage slots are located)
- Work tool: scissors or scalpels



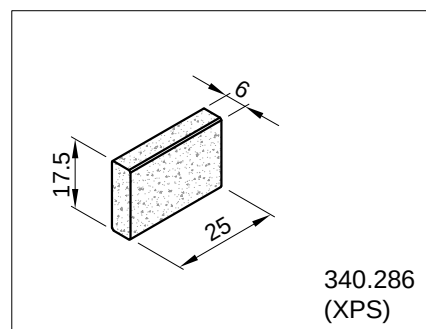
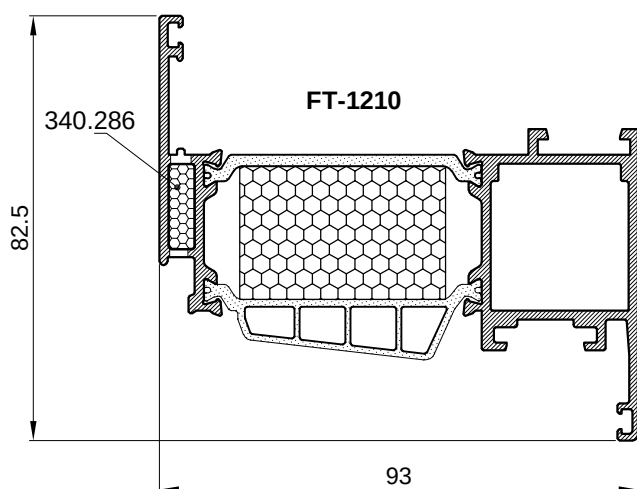
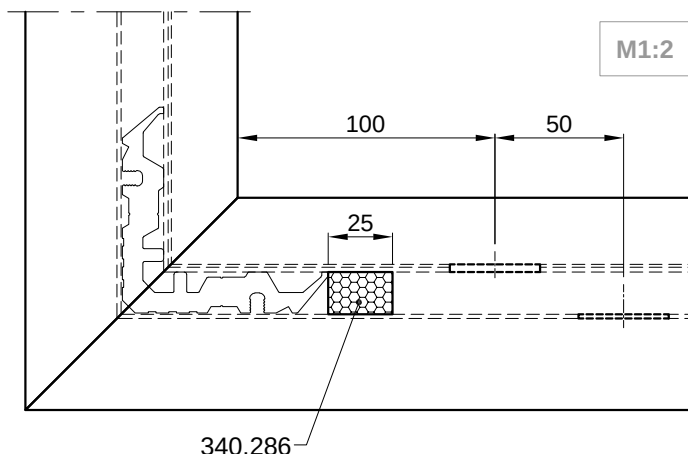


- Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
Apply neutral silicone adhesive to the inner circumference of the outer chamber without interruption (eg. Teroson MS 939)
- U komoru za kutnu spojnicu umetnuti umetak (340.268)
In chamber for corner bracket insert (340.268)
- Spojiti profile s kutnim spojnica koji će i ujedno pozicionirati umetak (340.268) na željeno mjesto
Connect the profiles with corner bracket which will also position insert (340.268) at the desired position

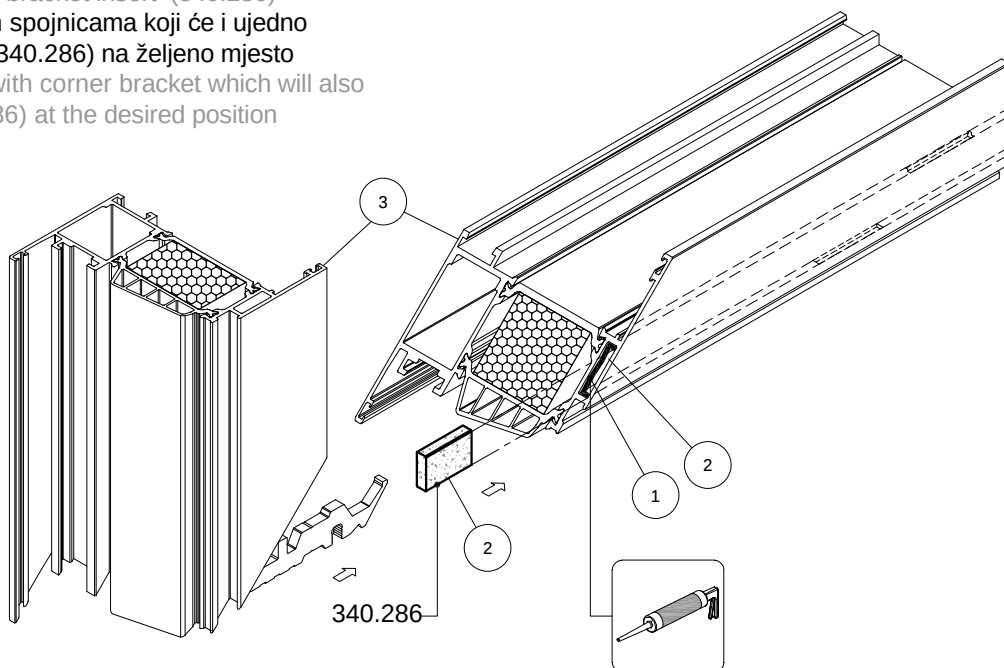


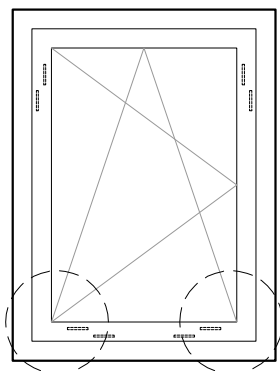


MONTAŽA XPS BARIJERE U PROFILU KRILA FT-1210 ZA ODVOD KAPLJEVINA INSTALLATION XPS BARRIER IN SASH PROFILE FT-1210 FOR WATER DRAINAGE

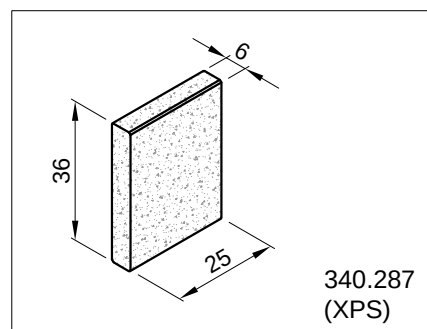
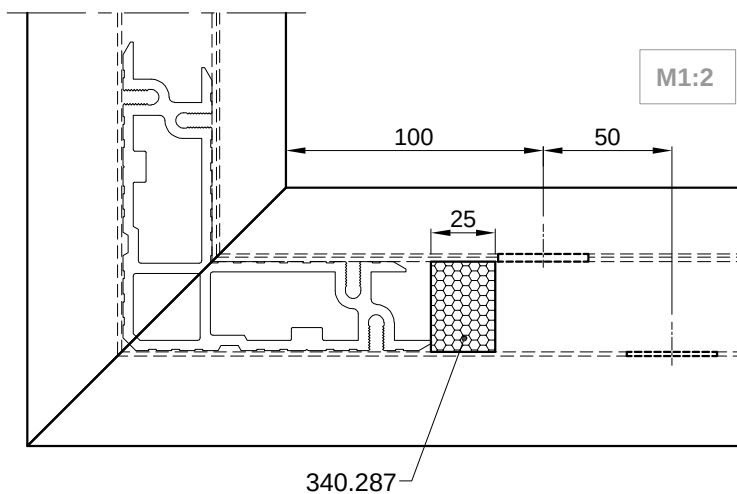
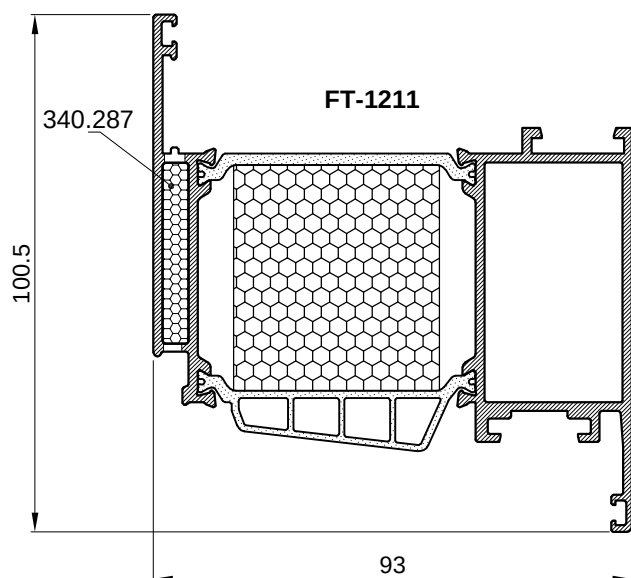


1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
Apply neutral silicone adhesive to the inner circumference of the outer chamber without interruption (eg. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.286)
In chamber for corner bracket insert (340.286)
3. Spojiti profile s kutnim spojnica koji će i ujedno pozicionirati umetak (340.286) na željeno mjesto
Connect the profiles with corner bracket which will also position insert (340.286) at the desired position

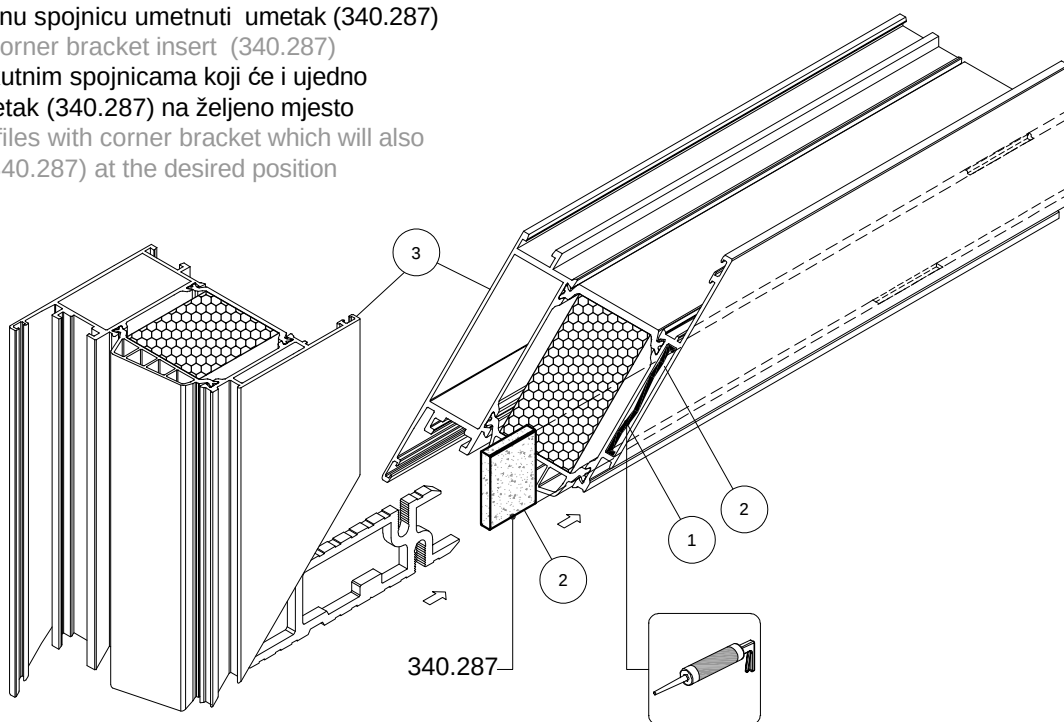




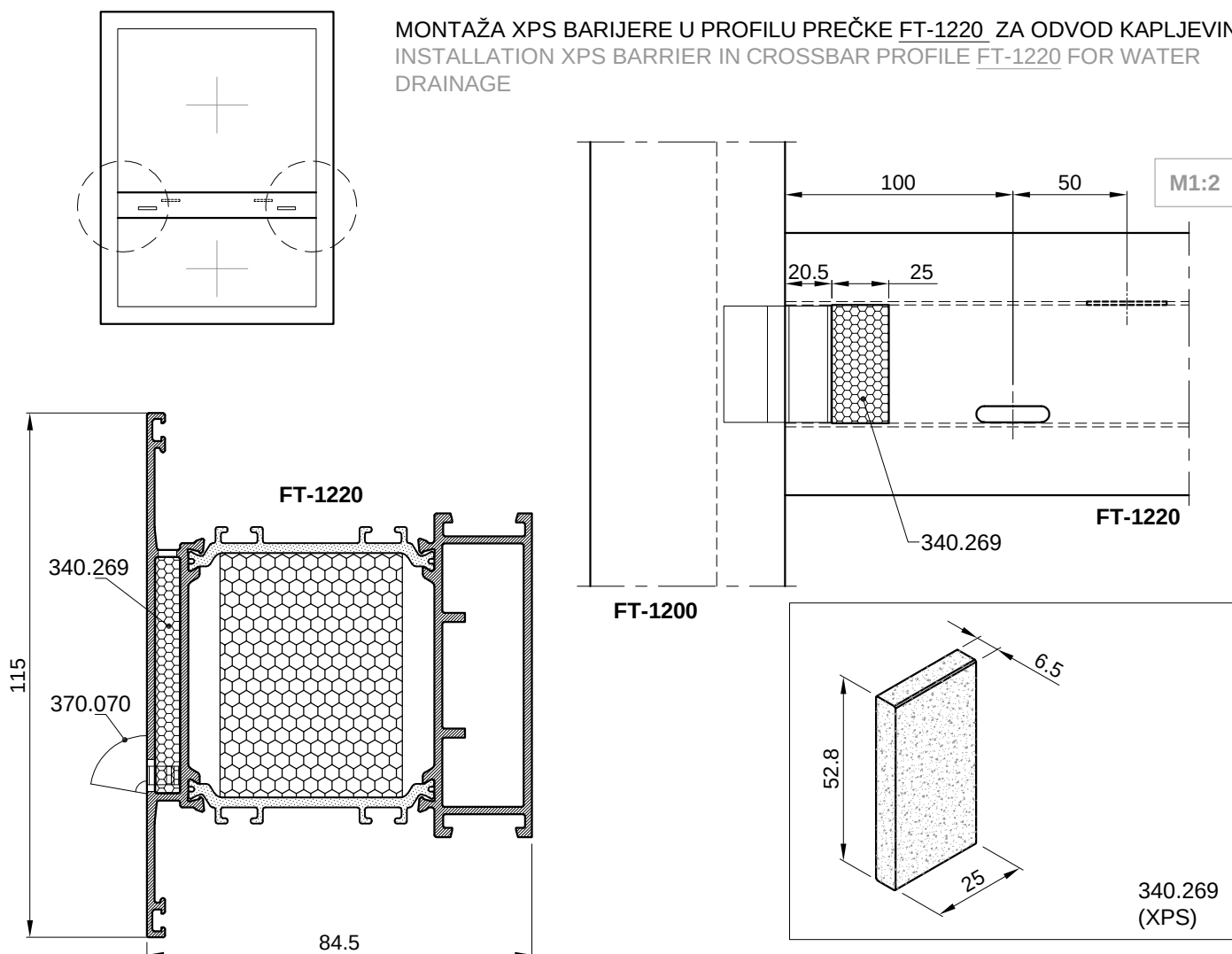
MONTAŽA XPS BARIJERE U PROFILU KRILA FT-1211 ZA ODVOD KAPLJEVINA INSTALLATION XPS BARRIER IN SASH PROFILE FT-1211 FOR WATER DRAINAGE



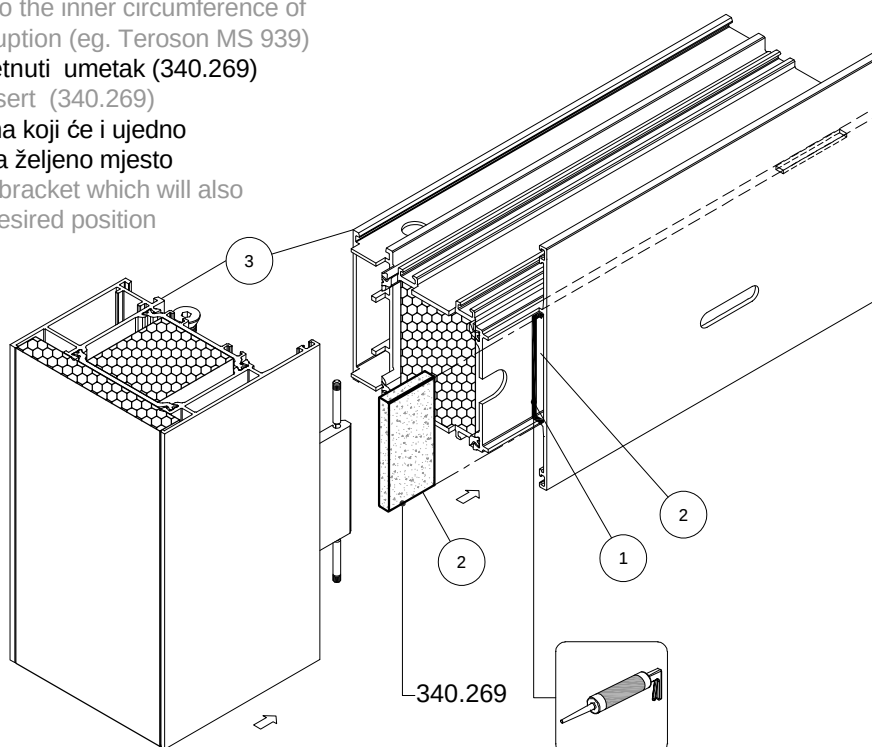
1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
Apply neutral silicone adhesive to the inner circumference of the outer chamber without interruption (eg. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.287)
In chamber for corner bracket insert (340.287)
3. Spojiti profile s kutnim spojnica koji će i ujedno pozicionirati umetak (340.287) na željeno mjesto
Connect the profiles with corner bracket which will also position insert (340.287) at the desired position



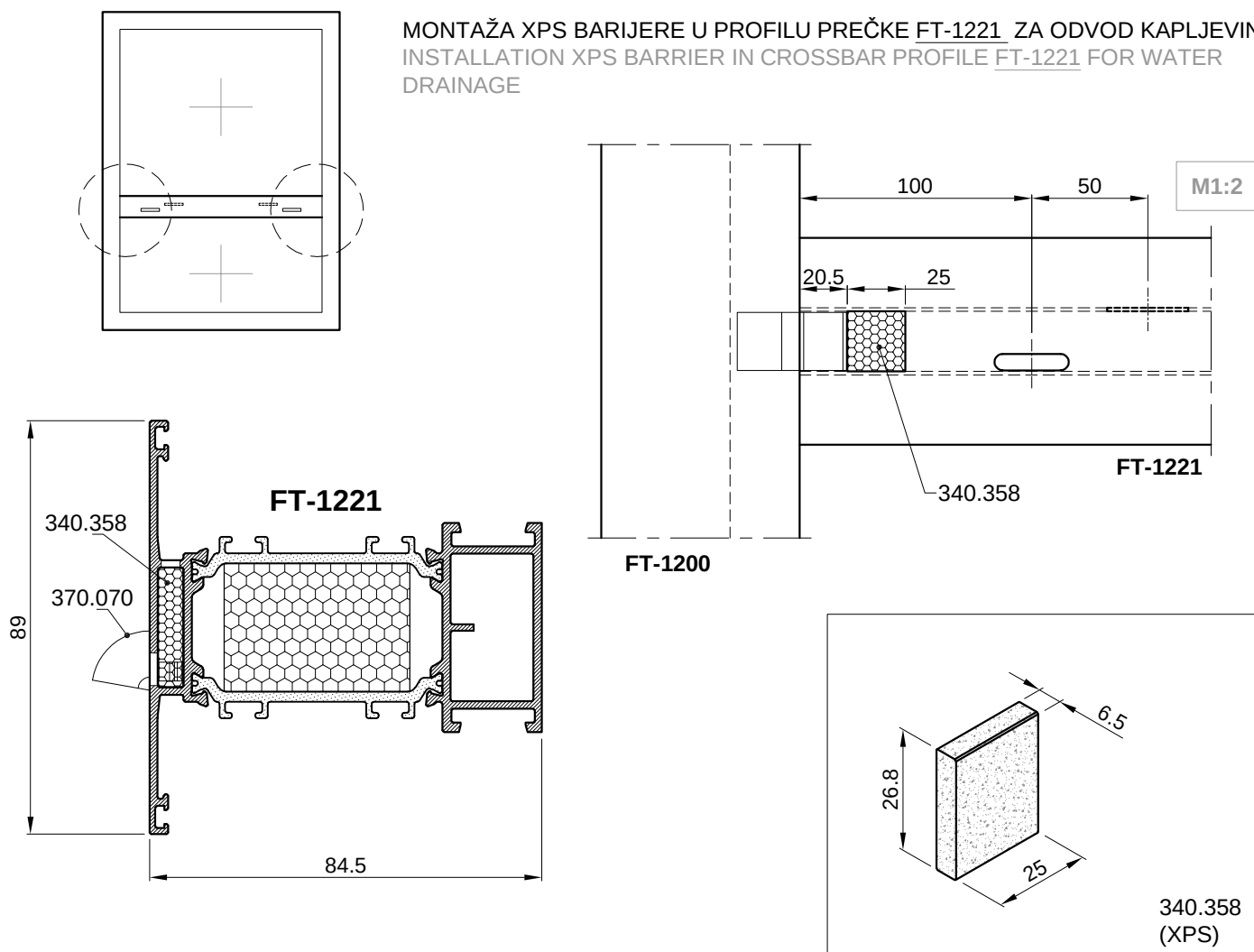
MONTAŽA XPS BARIJERE U PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA INSTALLATION XPS BARRIER IN CROSSBAR PROFILE FT-1220 FOR WATER DRAINAGE



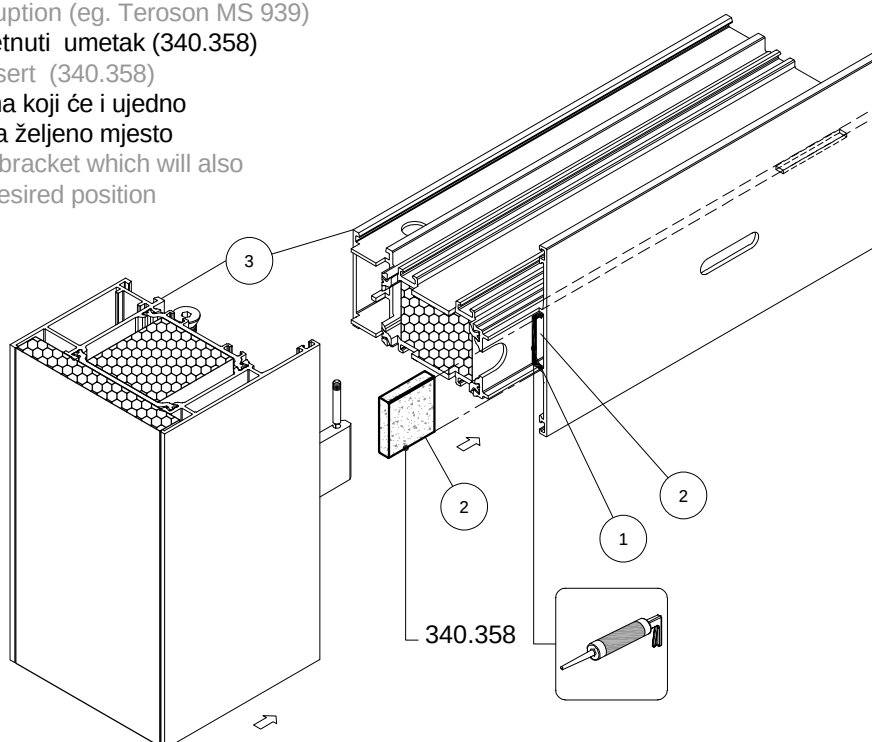
1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
Apply neutral silicone adhesive to the inner circumference of the outer chamber without interruption (eg. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.269)
In chamber for corner bracket insert (340.269)
3. Spojiti profile s kutnim spojnica koji će i ujedno pozicionirati umetak (340.269) na željeno mjesto
Connect the profiles with corner bracket which will also position insert (340.269) at the desired position

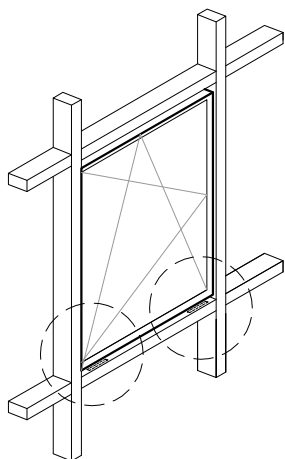


MONTAŽA XPS BARIJERE U PROFILU PREČKE FT-1221 ZA ODVOD KAPLJEVINA INSTALLATION XPS BARRIER IN CROSSBAR PROFILE FT-1221 FOR WATER DRAINAGE

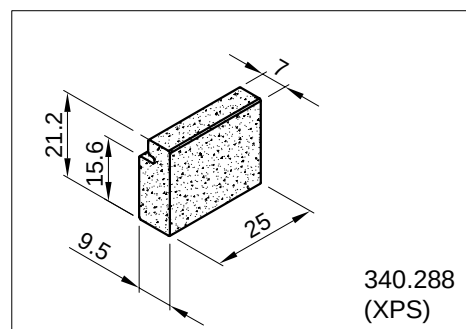
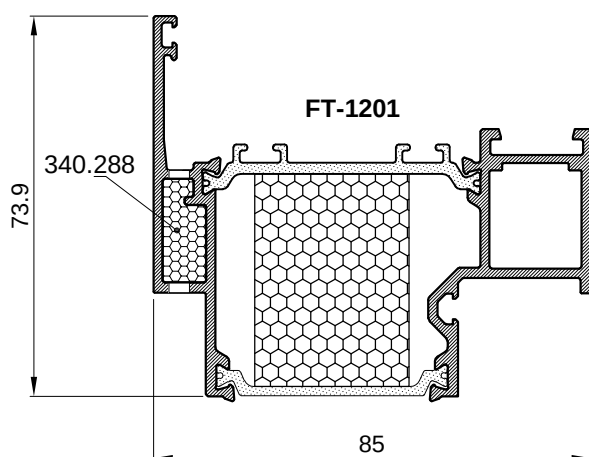
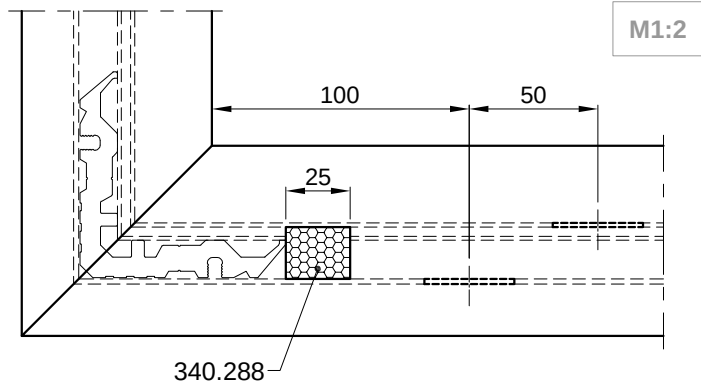


1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
Apply neutral silicone adhesive to the inner circumference of the outer chamber without interruption (eg. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.358)
In chamber for corner bracket insert (340.358)
3. Spojiti profile s kutnim spojnica koji će i ujedno pozicionirati umetak (340.358) na željeno mjesto
Connect the profiles with corner bracket which will also position insert (340.358) at the desired position

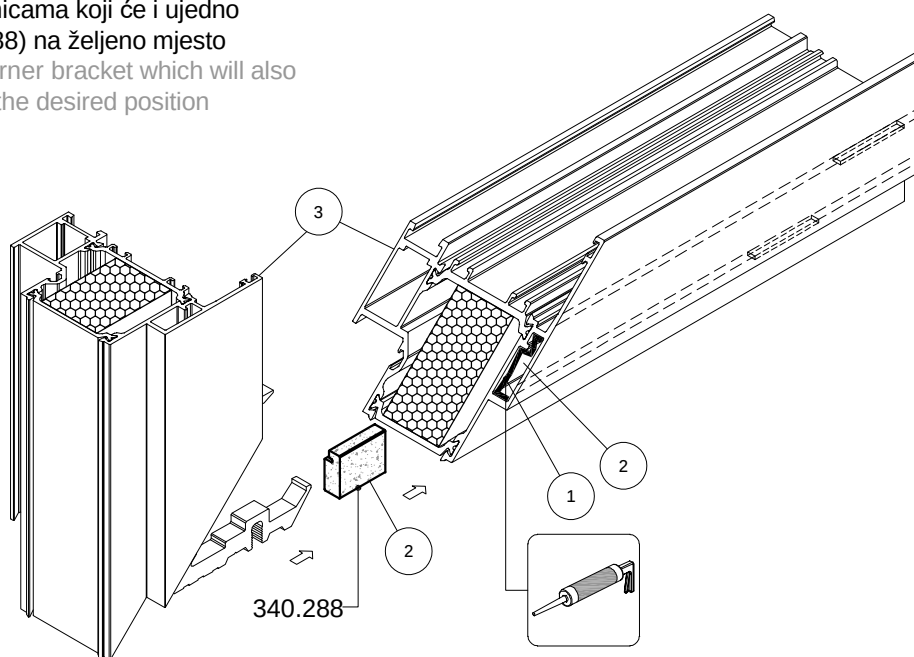




**MONTAŽA XPS BARIJERE U PROFILU RAMA U FASADI FT-1201
ZA ODVOD KAPLJEVINA**
INSTALLATION XPS BARRIER IN FACADE FRAME PROFILE FT-1201
FOR WATER DRAINAGE

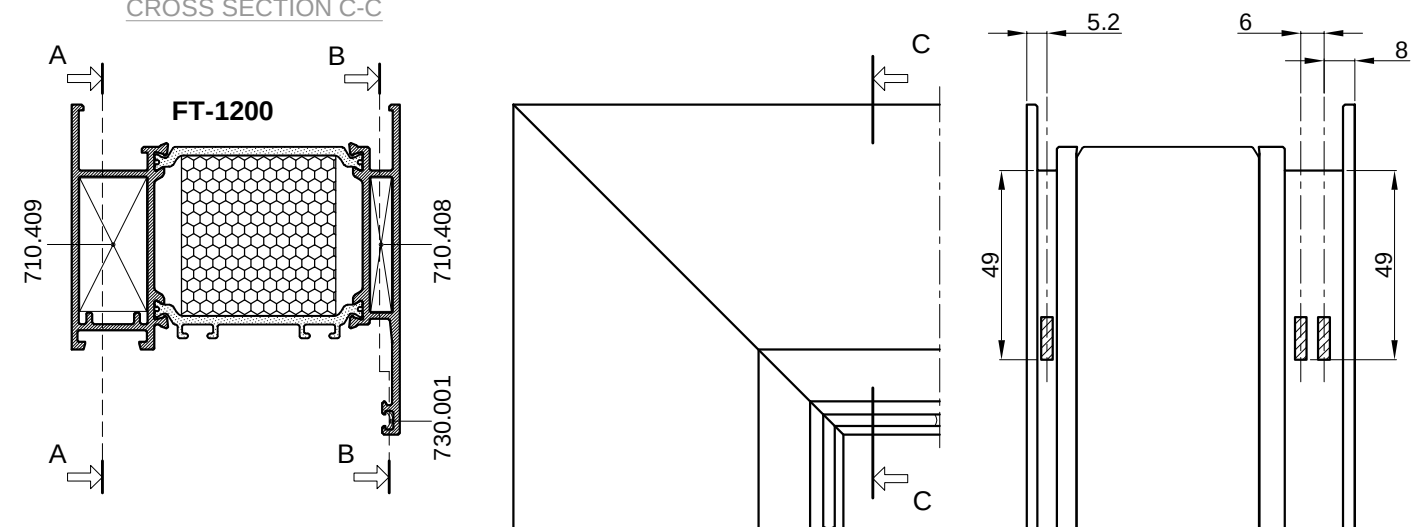


1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
Apply neutral silicone adhesive to the inner circumference of the outer chamber without interruption (eg. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.288)
In chamber for corner bracket insert (340.288)
3. Spojiti profile s kutnim spojnica koji će i ujedno pozicionirati umetak (340.288) na željeno mjesto
Connect the profiles with corner bracket which will also position insert (340.288) at the desired position



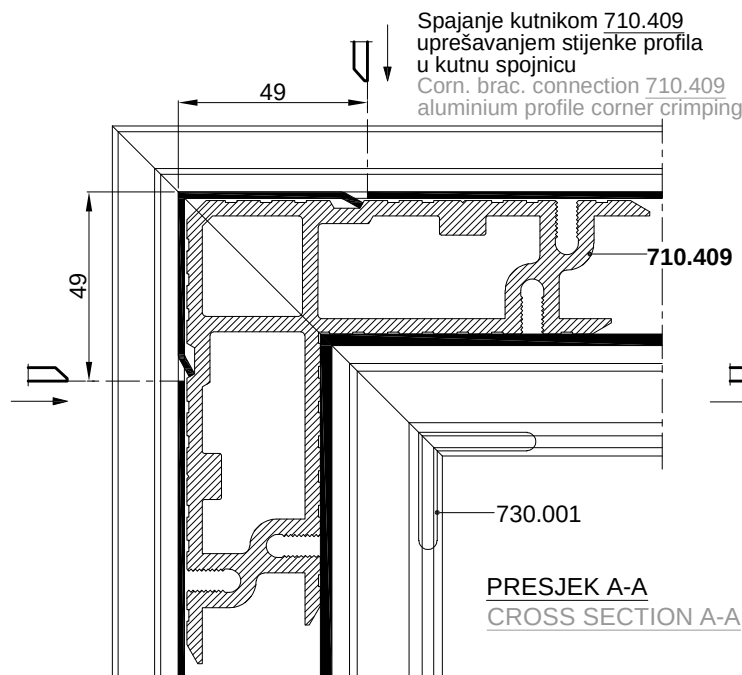
- UPREŠAVANJE STJENKE PROFILA U KUTNU SPOJNICU
- ALUMINIUM PROFILE CORNER CRIMPING

PRESJEK C-C
CROSS SECTION C-C

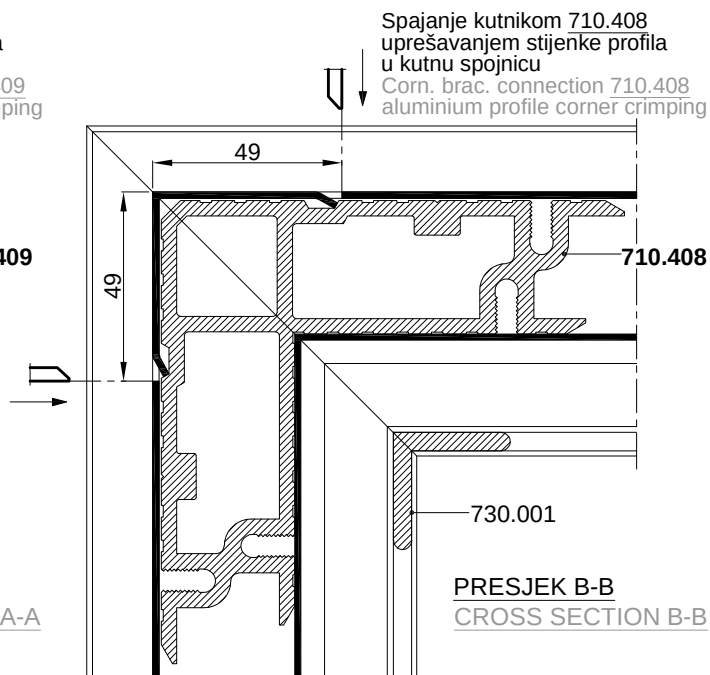


Spajanje kutnikom 710.409
uprešavanjem stijenke profila
u kutnu spojnicu
Corn. brac. connection 710.409
aluminium profile corner crimping

Spajanje kutnikom 710.408
uprešavanjem stijenke profila
u kutnu spojnicu
Corn. brac. connection 710.408
aluminium profile corner crimping

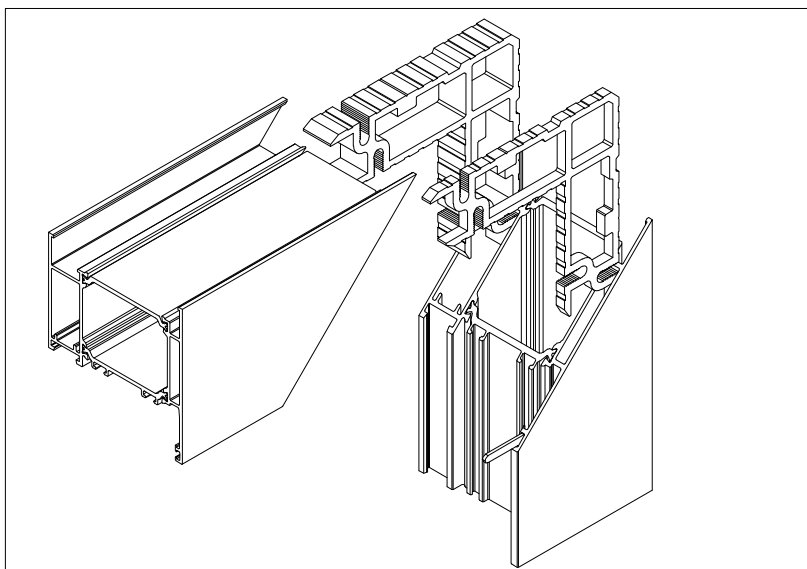


PRESJEK A-A
CROSS SECTION A-A



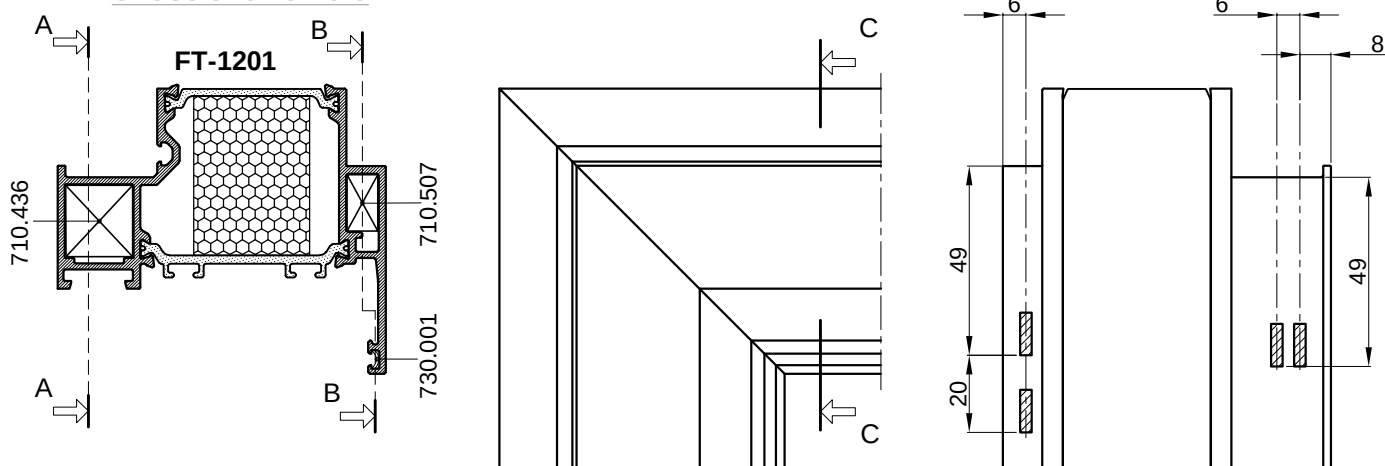
PRESJEK B-B
CROSS SECTION B-B

1. RUČNO UPREŠAVANJE
1. MANUAL CORNER CRIMPING

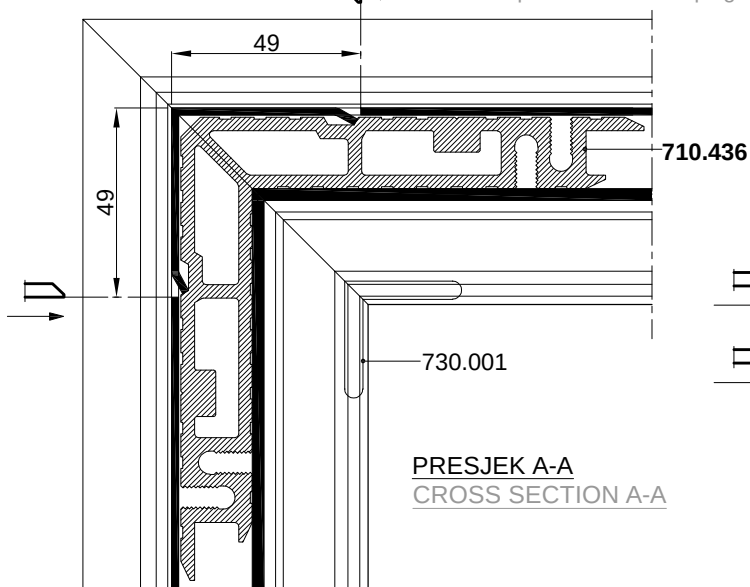


- UPREŠAVANJE STJENKE PROFILA U KUTNU SPOJNICU
- ALUMINIUM PROFILE CORNER CRIMPING

PRESJEK C-C
CROSS SECTION C-C

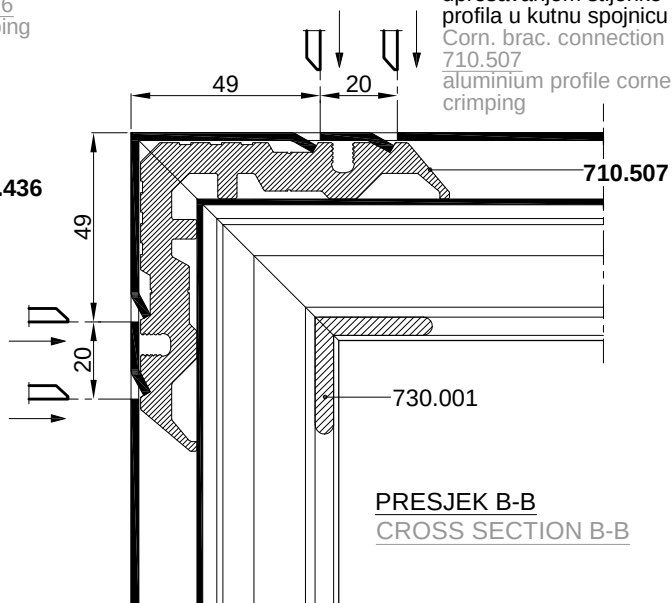


Spajanje kutnikom 710.436
uprešavanjem stijenke profila
u kutnu spojnicu
Corn. brac. connection 710.436
aluminium profile corner crimping



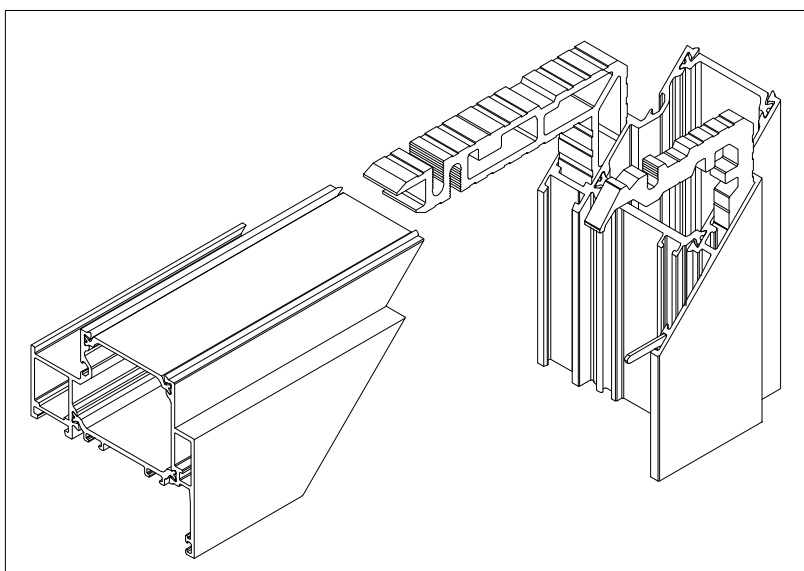
PRESJEK A-A
CROSS SECTION A-A

Spajanje kutnikom 710.507
uprešavanjem stijenke
profila u kutnu spojnicu
Corn. brac. connection
710.507
aluminium profile corner
crimping



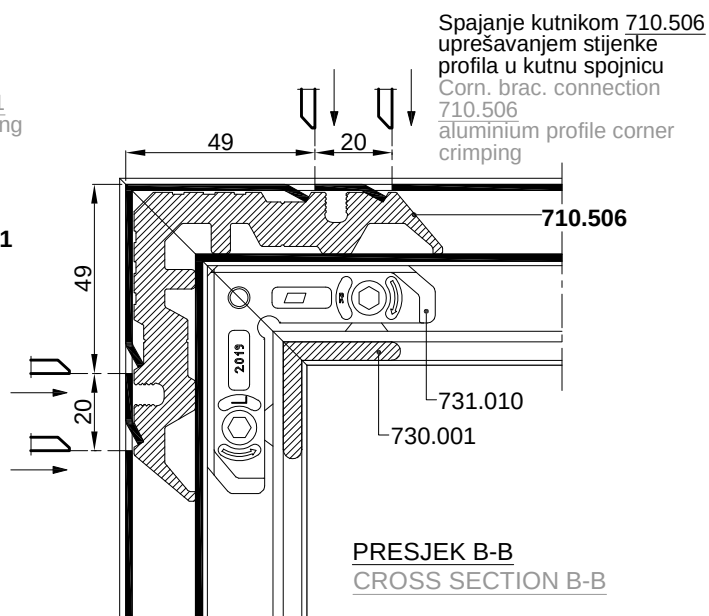
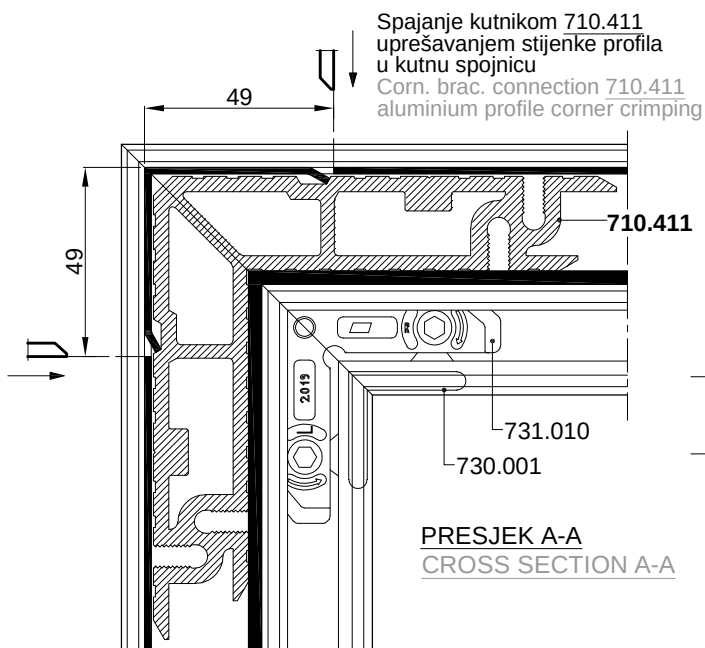
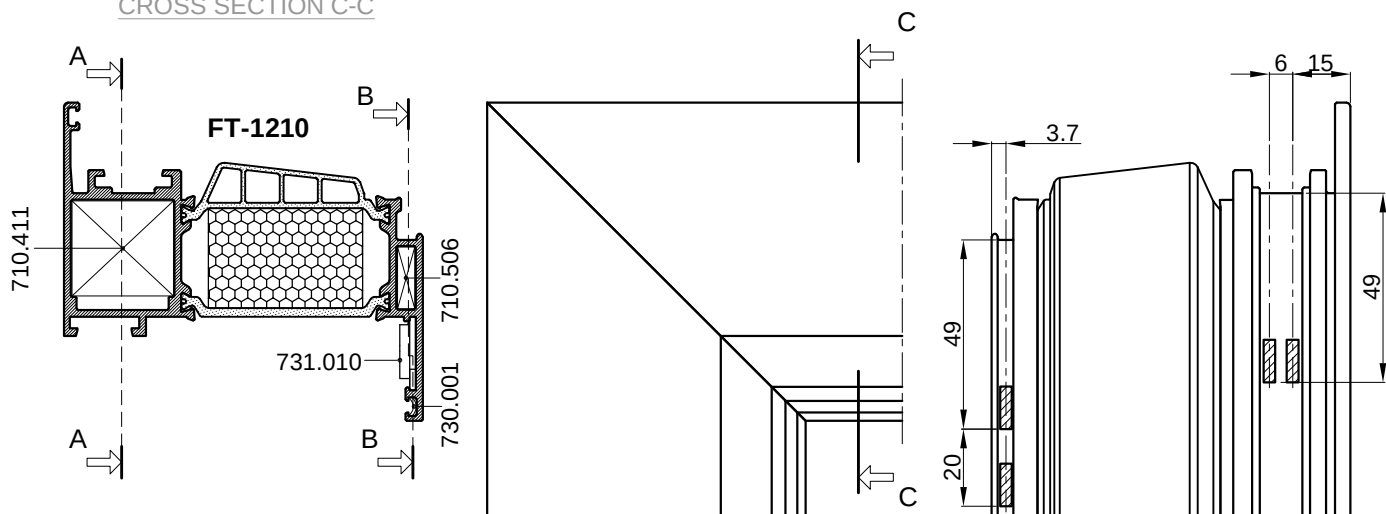
PRESJEK B-B
CROSS SECTION B-B

1. **RUČNO UPREŠAVANJE**
1. **MANUAL CORNER CRIMPING**

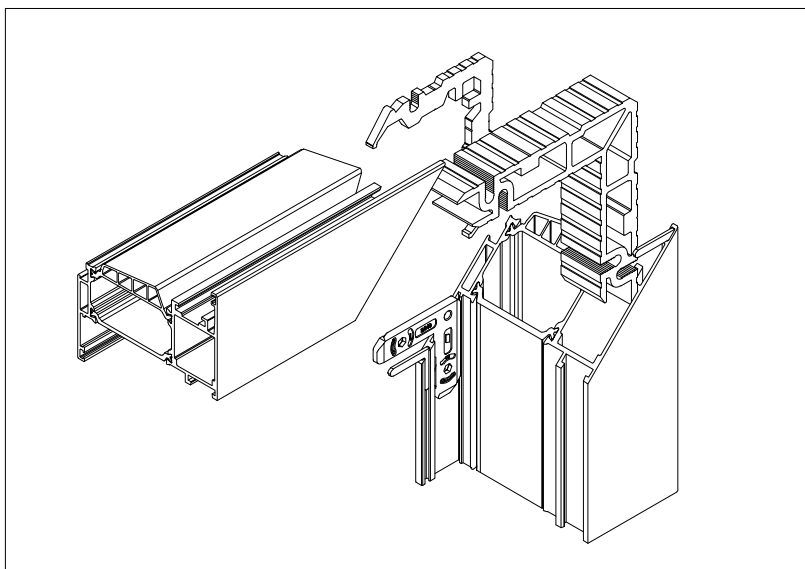


- UPREŠAVANJE STJENKE PROFILA U KUTNU SPOJNICU
- ALUMINIUM PROFILE CORNER CRIMPING

PRESJEK C-C
CROSS SECTION C-C

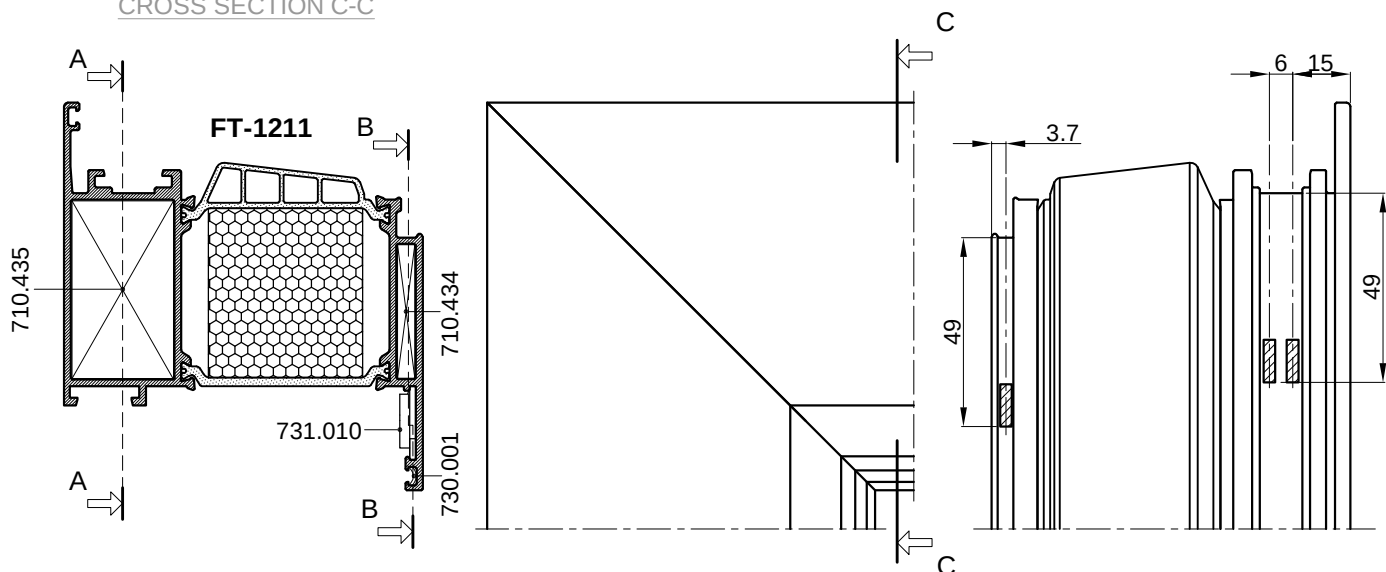


1. **RUČNO UPREŠAVANJE**
1. **MANUAL CORNER CRIMPING**



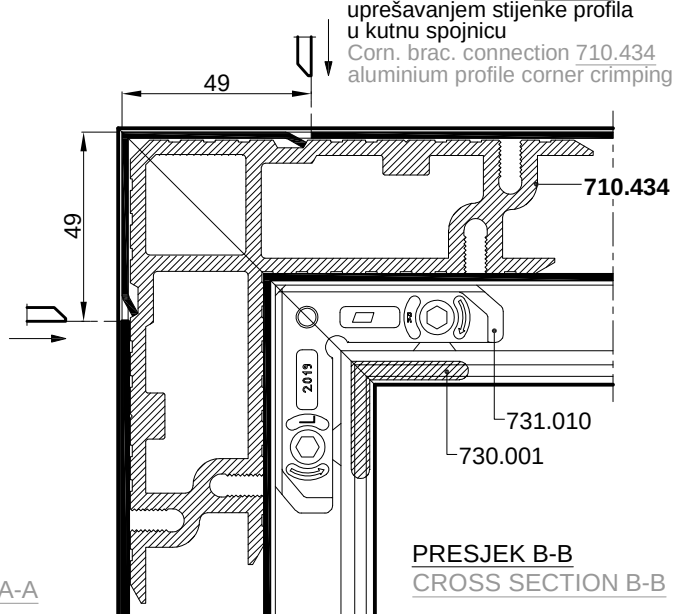
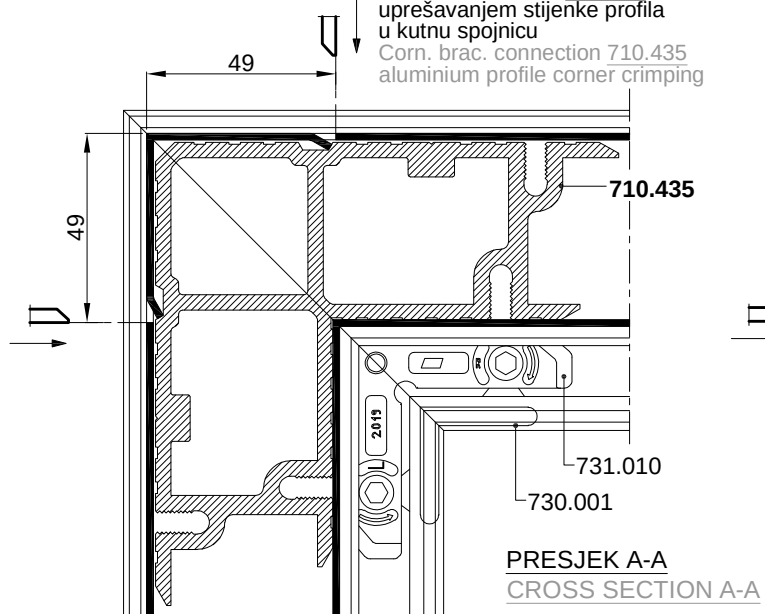
- UPREŠAVANJE STJENKE PROFILA U KUTNU SPOJNICU
- ALUMINIUM PROFILE CORNER CRIMPING

PRESJEK C-C
CROSS SECTION C-C

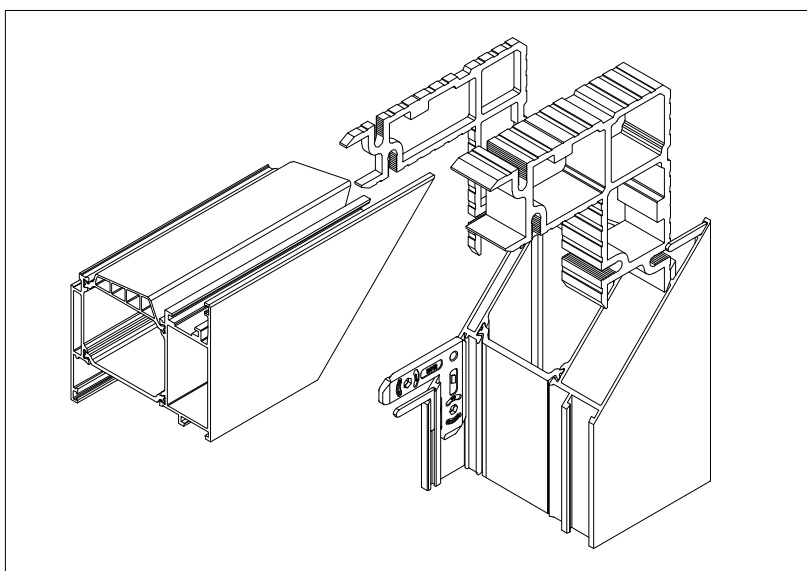


Spajanje kutnikom 710.435
uprešavanjem stijenke profila
u kutnu spojnicu
Corn. brac. connection 710.435
aluminium profile corner crimping

Spajanje kutnikom 710.434
uprešavanjem stijenke profila
u kutnu spojnicu
Corn. brac. connection 710.434
aluminium profile corner crimping

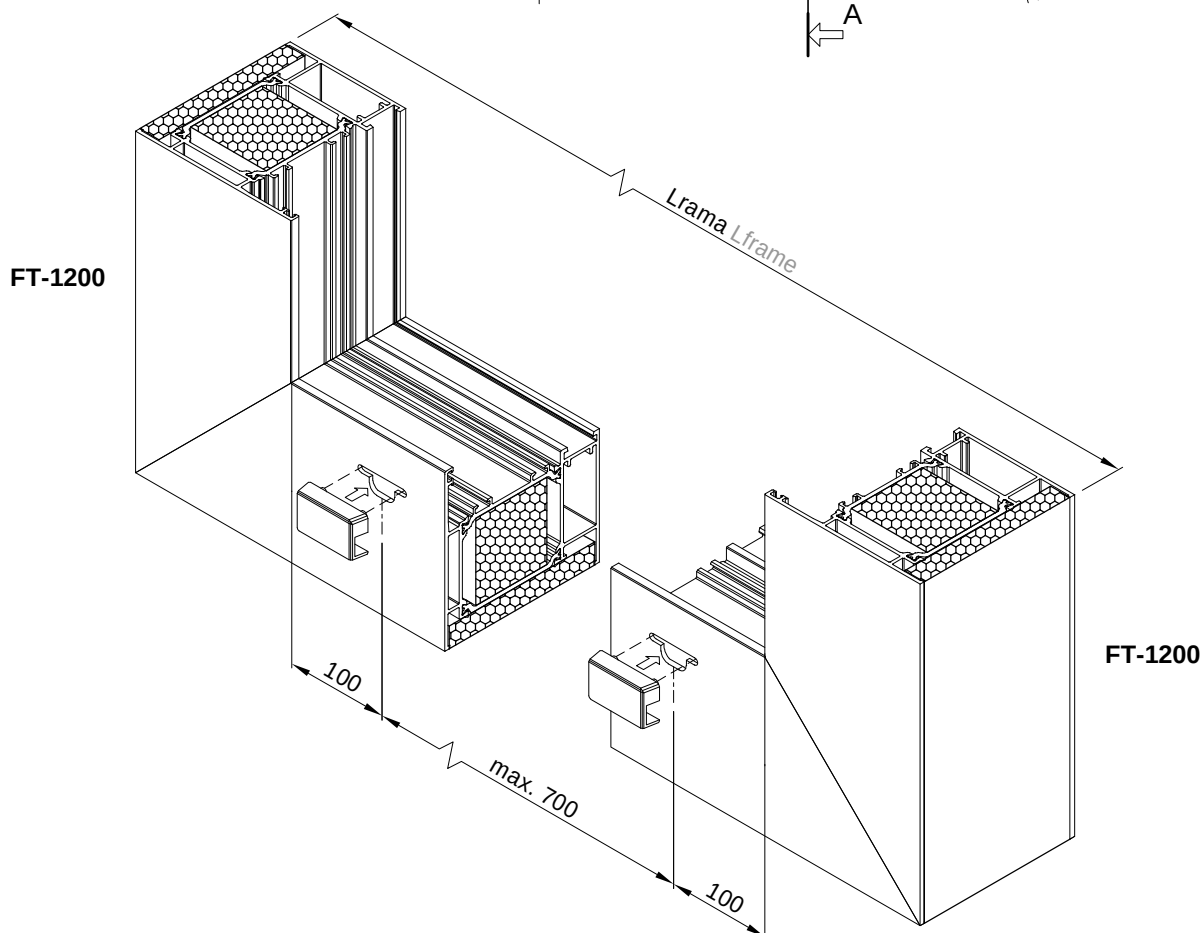
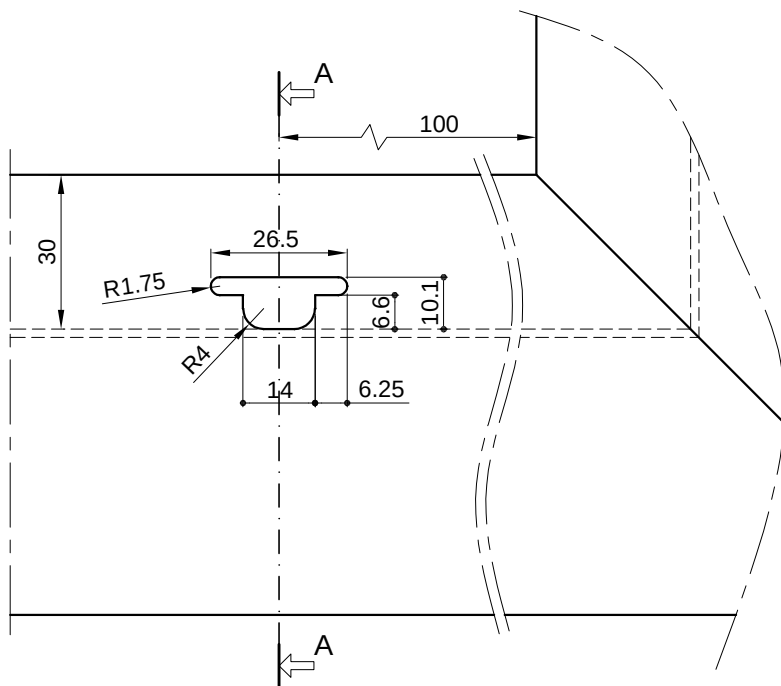
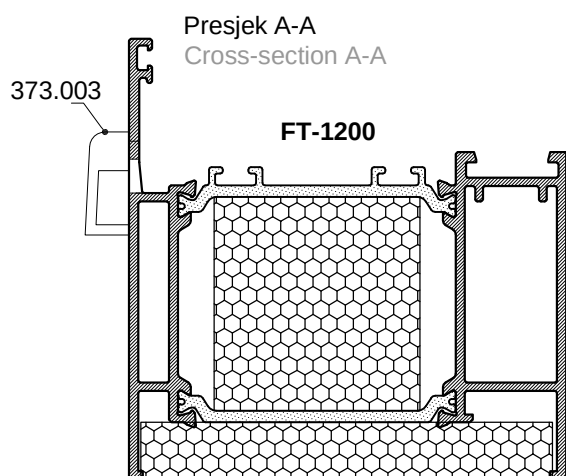
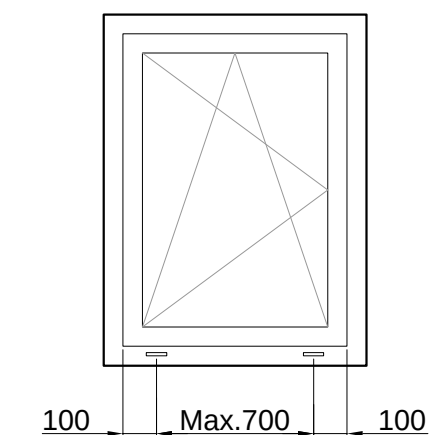


1. RUČNO UPREŠAVANJE
1. MANUAL CORNER CRIMPING



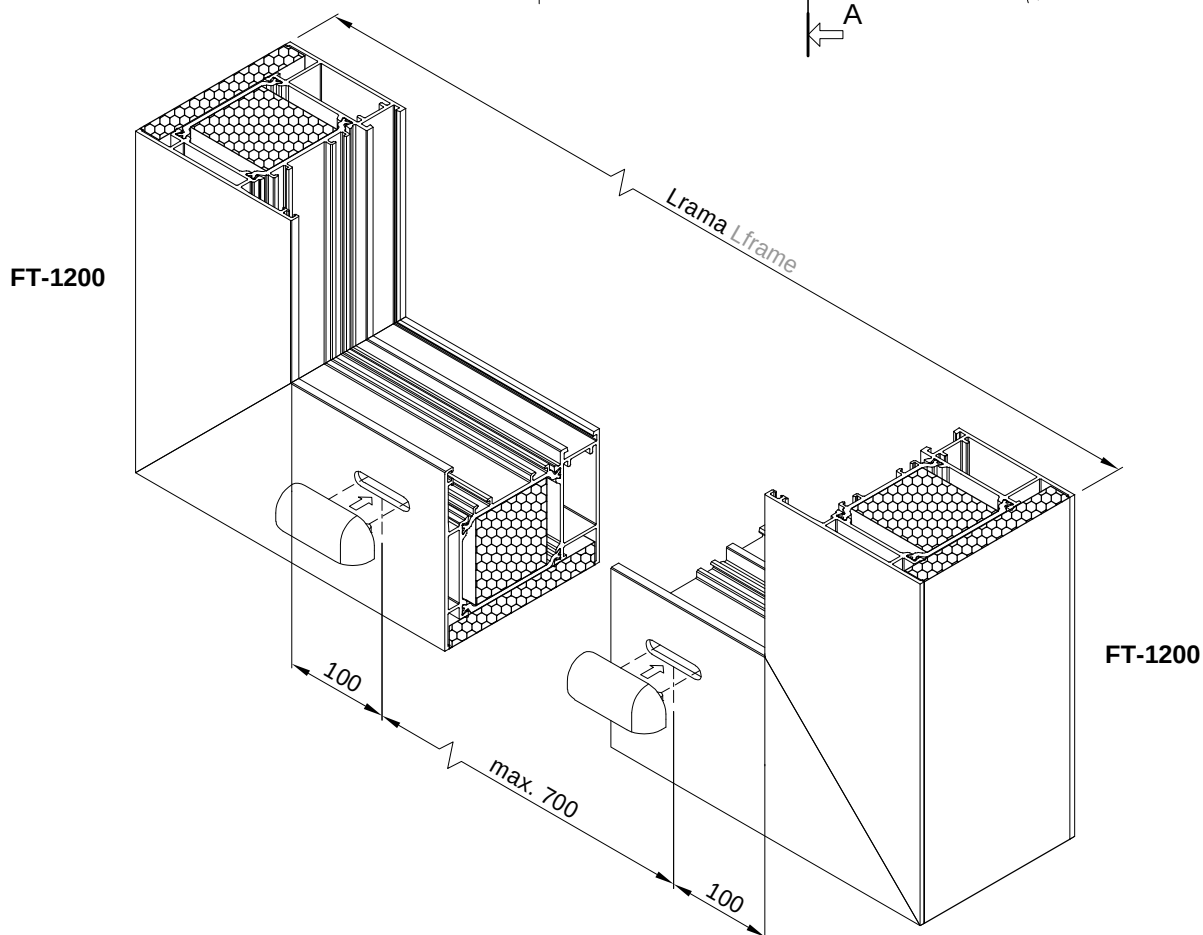
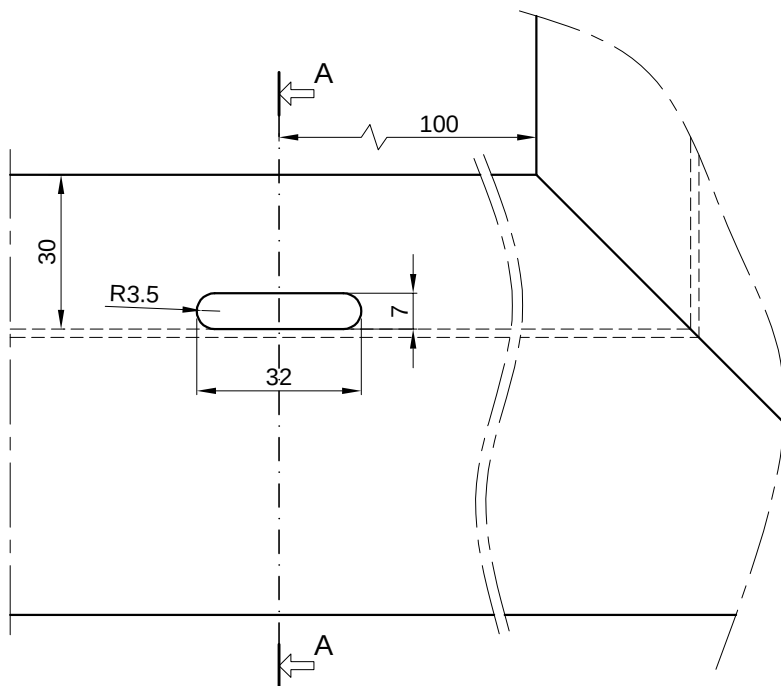
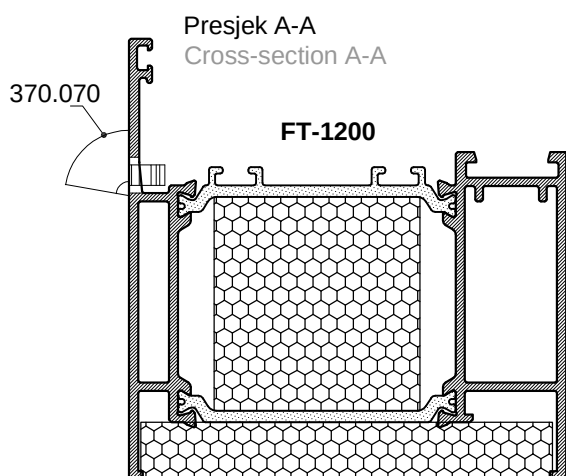
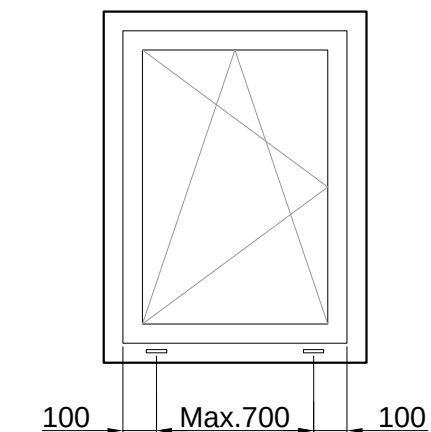
OBRADA NA PROFILU RAMA FT-1200 ZA ODVOD KAPLJEVINA PROCESSING OF FRAME PROFILE FT-1200 FOR WATER DRAINAGE

- 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

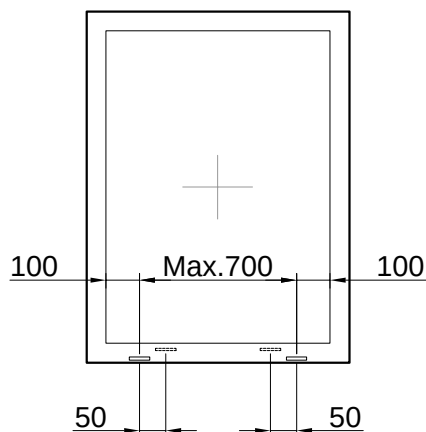


OBRADA NA PROFILU RAMA FT-1200 ZA ODVOD KAPLJEVINA PROCESSING OF FRAME PROFILE FT-1200 FOR WATER DRAINAGE

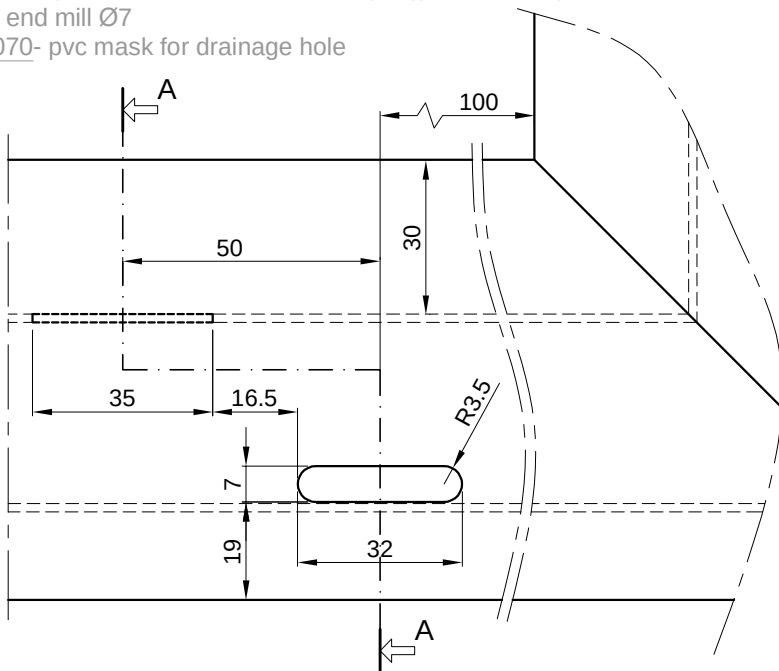
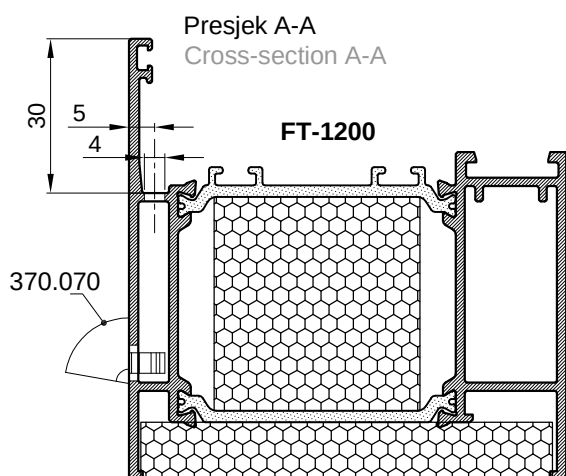
- obrada donjeg pojasa rama /glodanjem/
Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor
- processing of frame lower zone /milling/
Tool: end mill Ø7
- 370.070- pvc mask for drainage hole



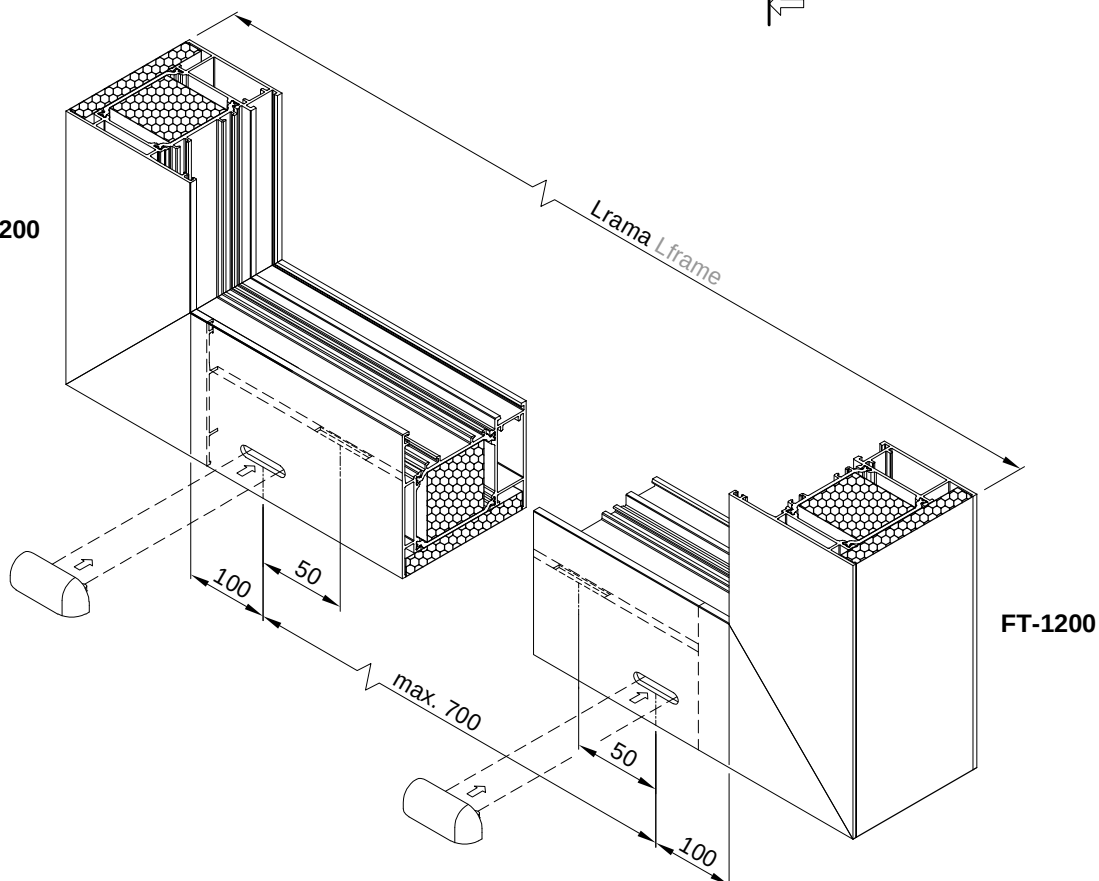
OBRADA NA PROFILU RAMA FT-1200 ZA ODVOD KAPLJEVINA PROCESSING OF FRAME PROFILE FT-1200 FOR WATER DRAINAGE



- obrada donjeg pojasa rama /glodanjem/ ; (žlijeb: 35x4)
Alat: vretenasto glodalo Ø4
- obrada donjeg pojasa rama /glodanjem/ ; (žlijeb: 32x7)
Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor
- processing of frame lower zone /milling/ ; (groove:35x4)
Tool: end mill Ø4
- processing of frame lower zone /milling/ ; (groove: 32x7)
Tool: end mill Ø7
- 370.070- pvc mask for drainage hole

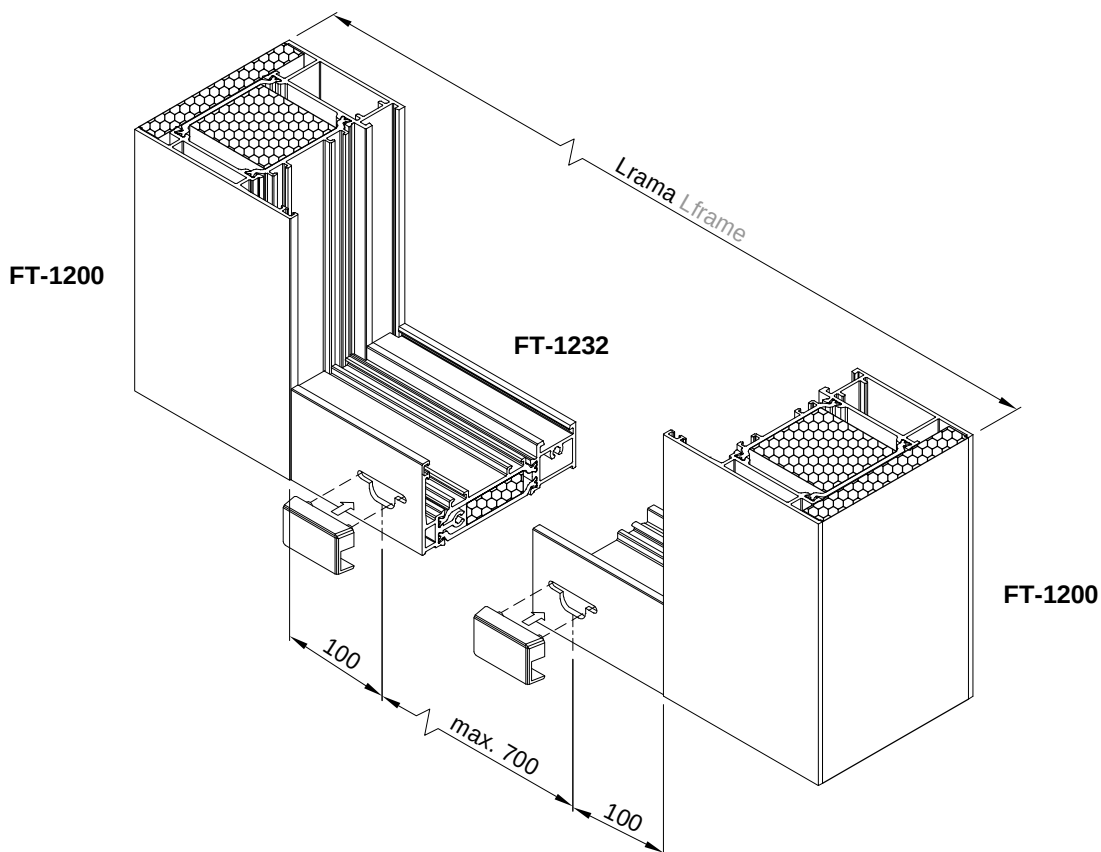
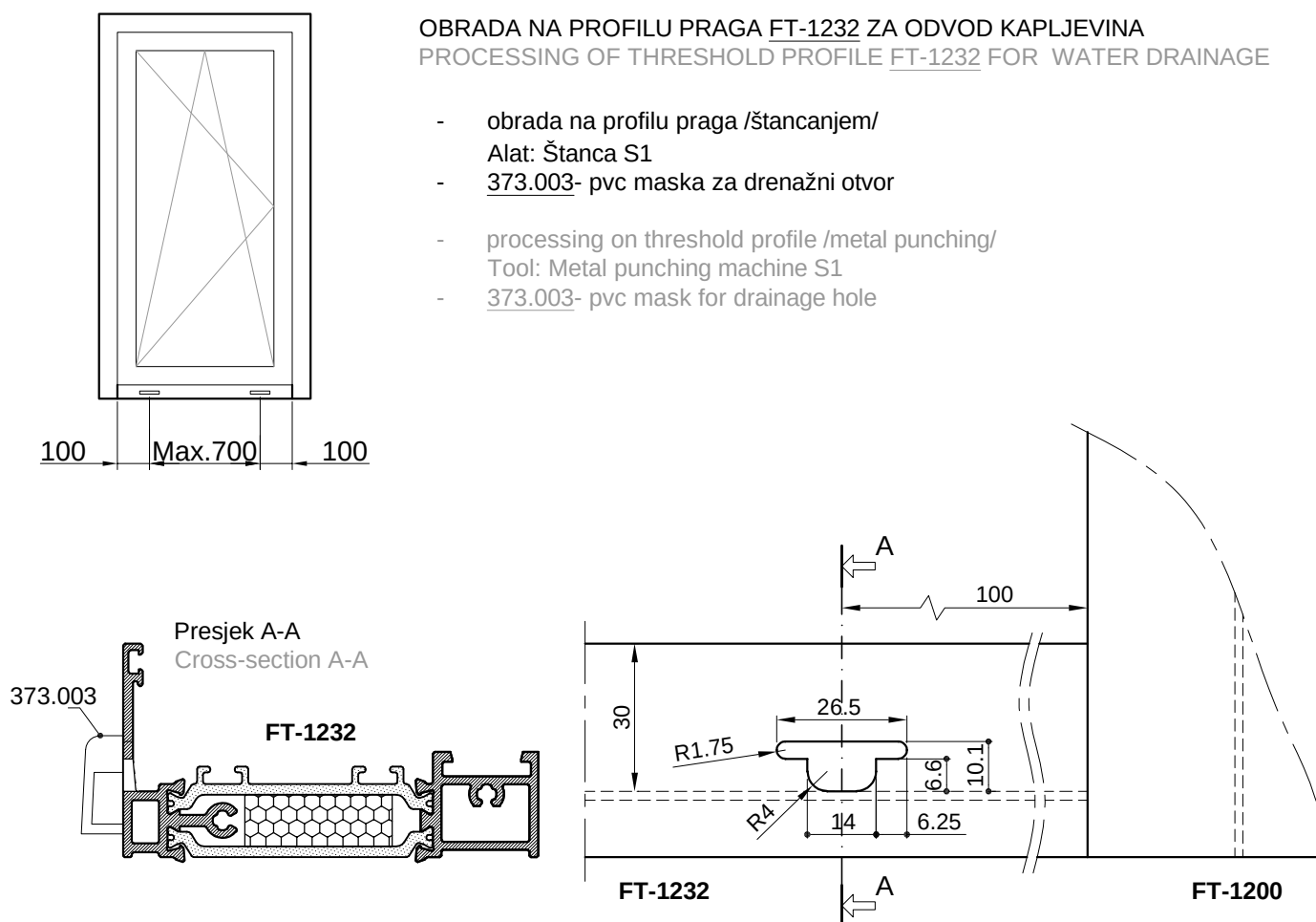


FT-1200



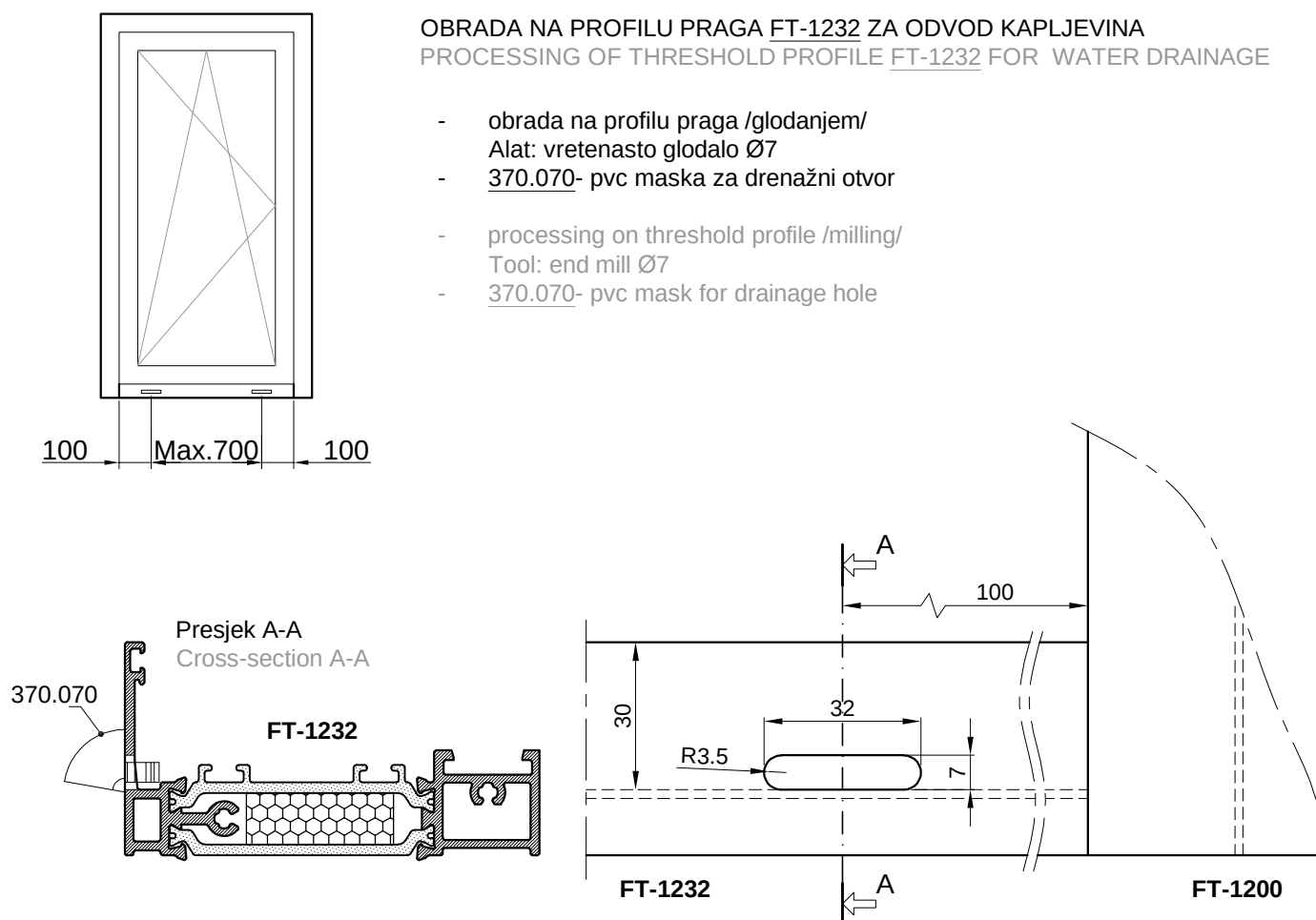
OBRADA NA PROFILU PRAGA FT-1232 ZA ODVOD KAPLJEVINA PROCESSING OF THRESHOLD PROFILE FT-1232 FOR WATER DRAINAGE

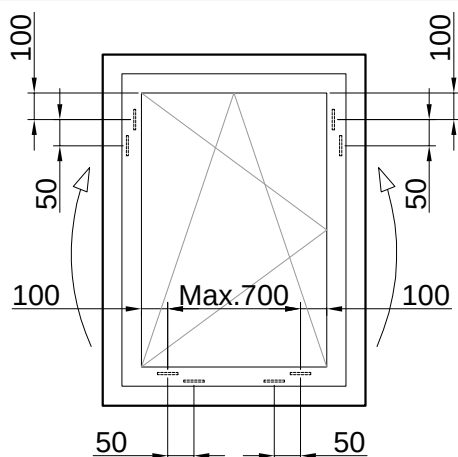
- obrada na profilu praga /štančanjem/
Alat: Štanca S1
- 373.003- pvc maska za drenažni otvor
- processing on threshold profile /metal punching/
Tool: Metal punching machine S1
- 373.003- pvc mask for drainage hole



OBRADA NA PROFILU PRAGA FT-1232 ZA ODVOD KAPLJEVINA PROCESSING OF THRESHOLD PROFILE FT-1232 FOR WATER DRAINAGE

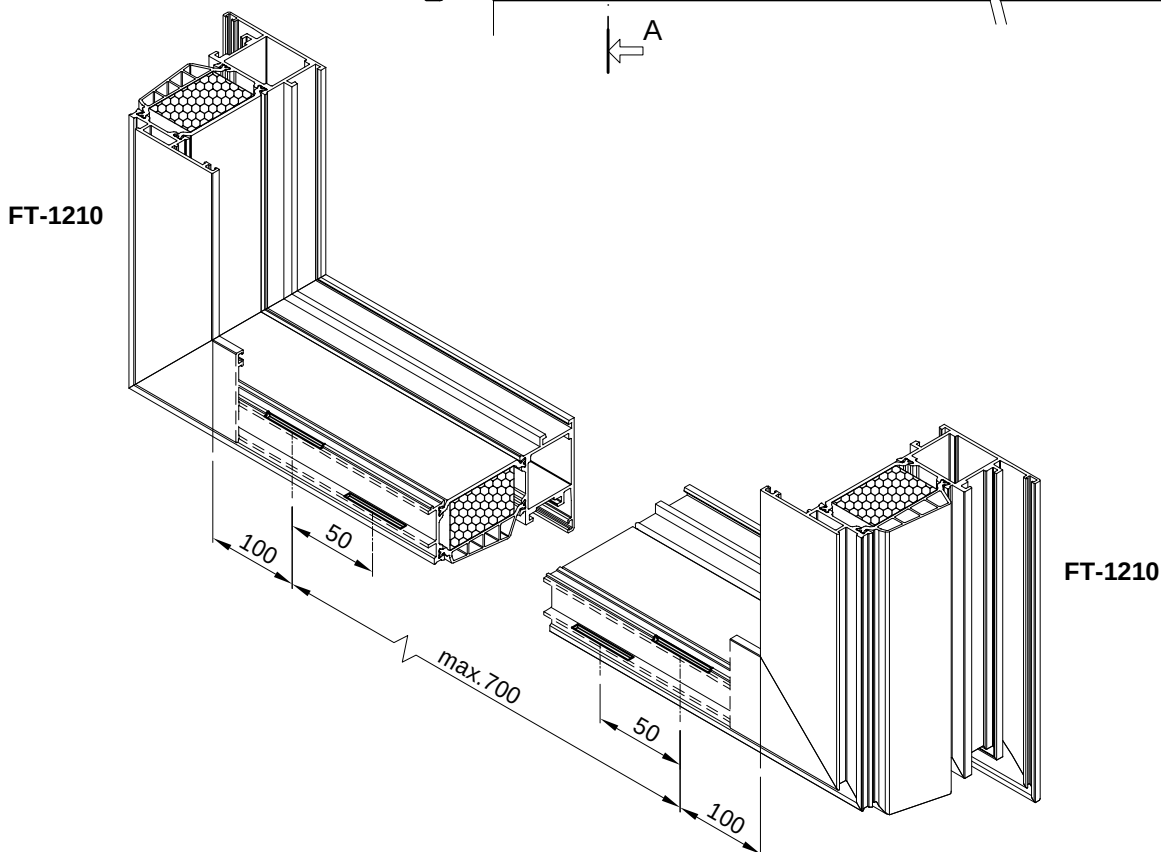
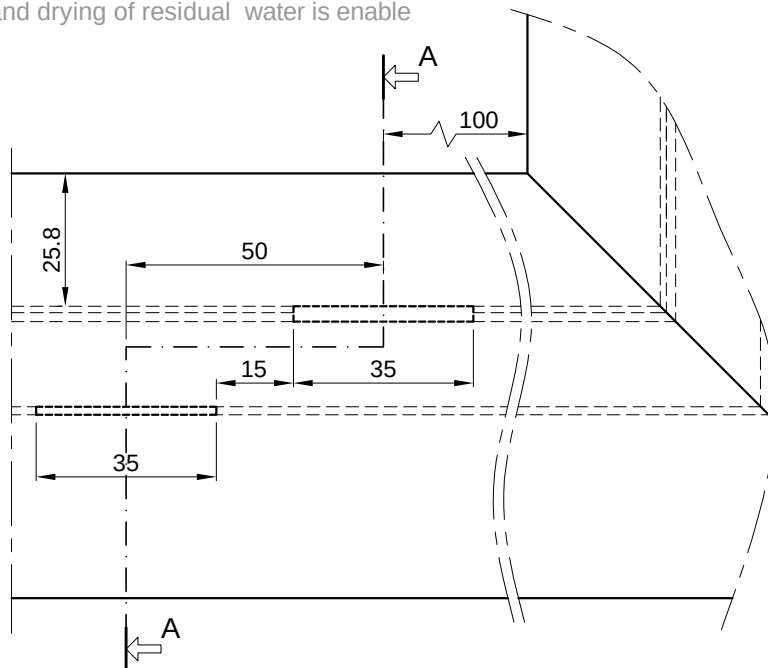
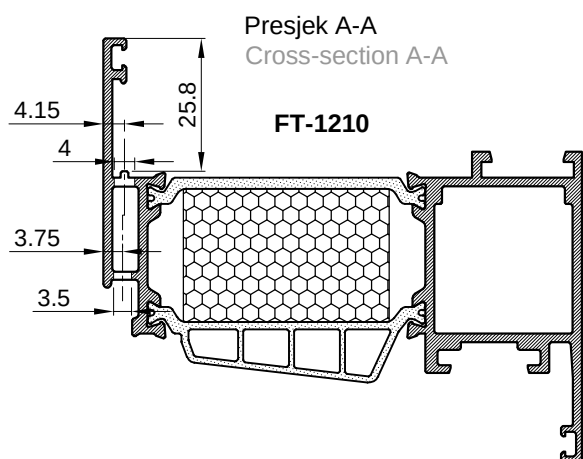
- obrada na profilu praga /glodanjem/
Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor
- processing on threshold profile /milling/
Tool: end mill Ø7
- 370.070- pvc mask for drainage hole

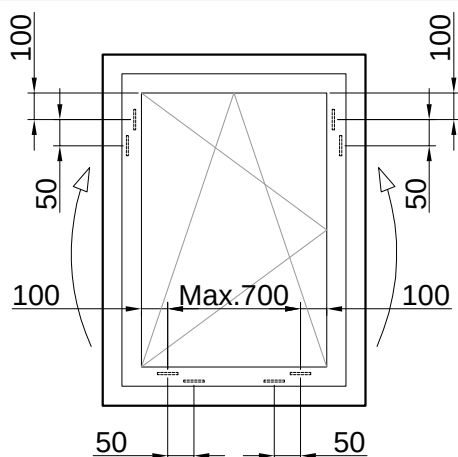




OBRADA NA PROFILU KRILA FT-1210 ZA ODVOD KAPLJEVINA I VENTILIRANJA KOMORA KRILA PROZORA PROCESSING OF SASH PROFILE FT-1210 FOR WATER DRAINAGE AND VENTILATION OF SASH CHAMBERS

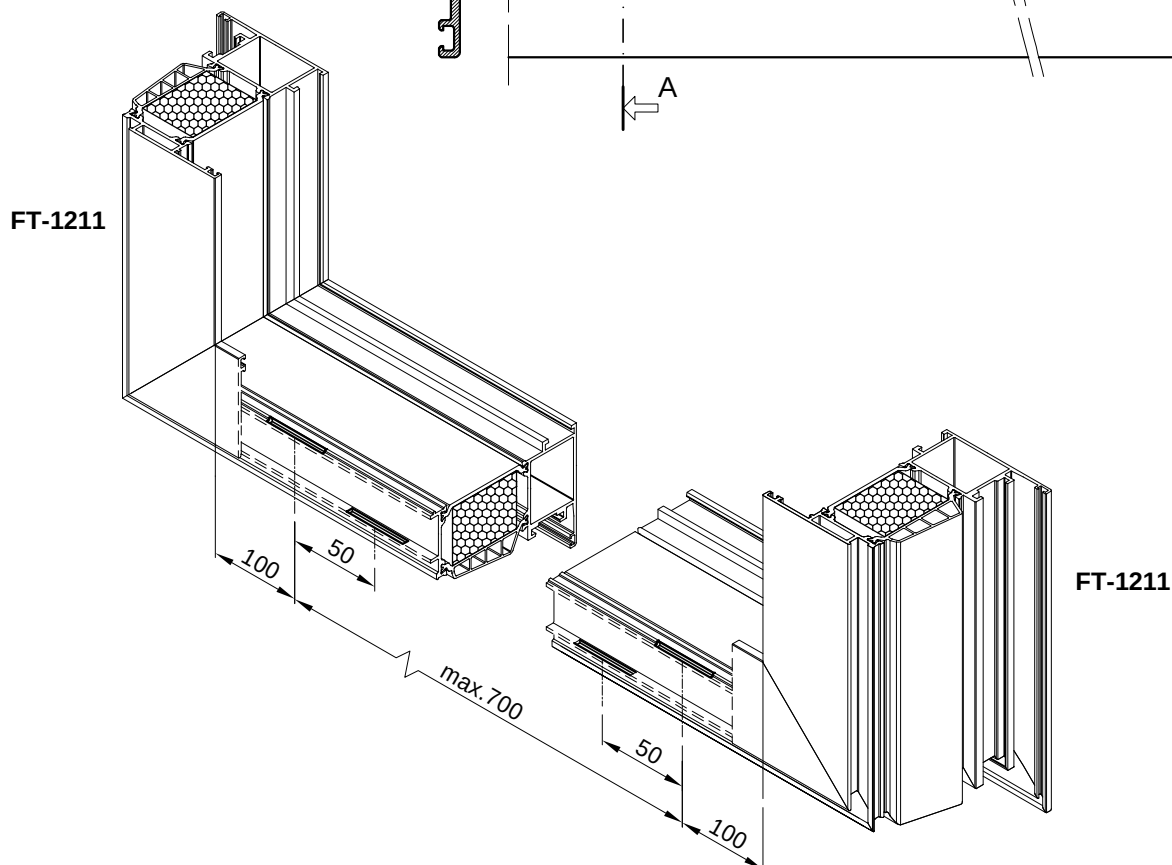
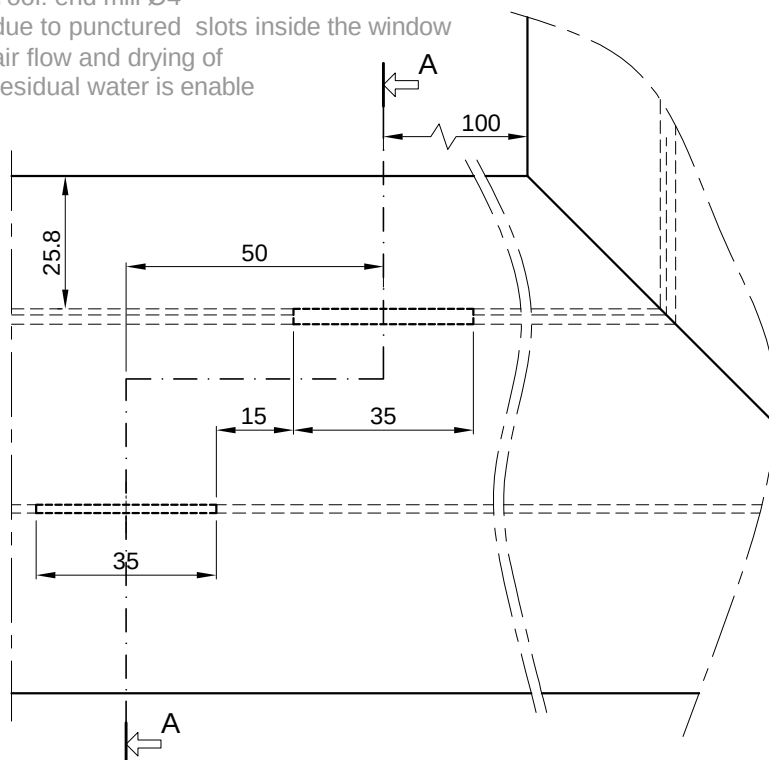
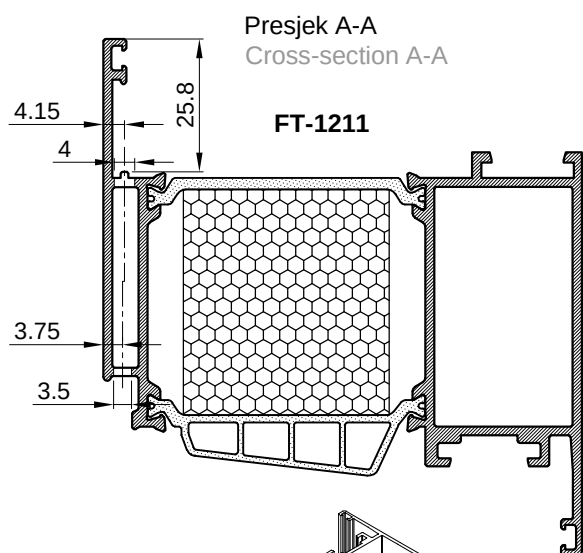
- obrada donjeg pojasa krila /štancanjem/
- obrada okomitih pojasa krila /štancanjem/
- Alat: Štanca S10
- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja mogućih kapljevina
- processing of sash lower zone /metal punching/
- processing of sash vertical zone /metal punching/
- Tool: Metal punching machine S10
- due to punctured slots inside the window air flow and drying of residual water is enable





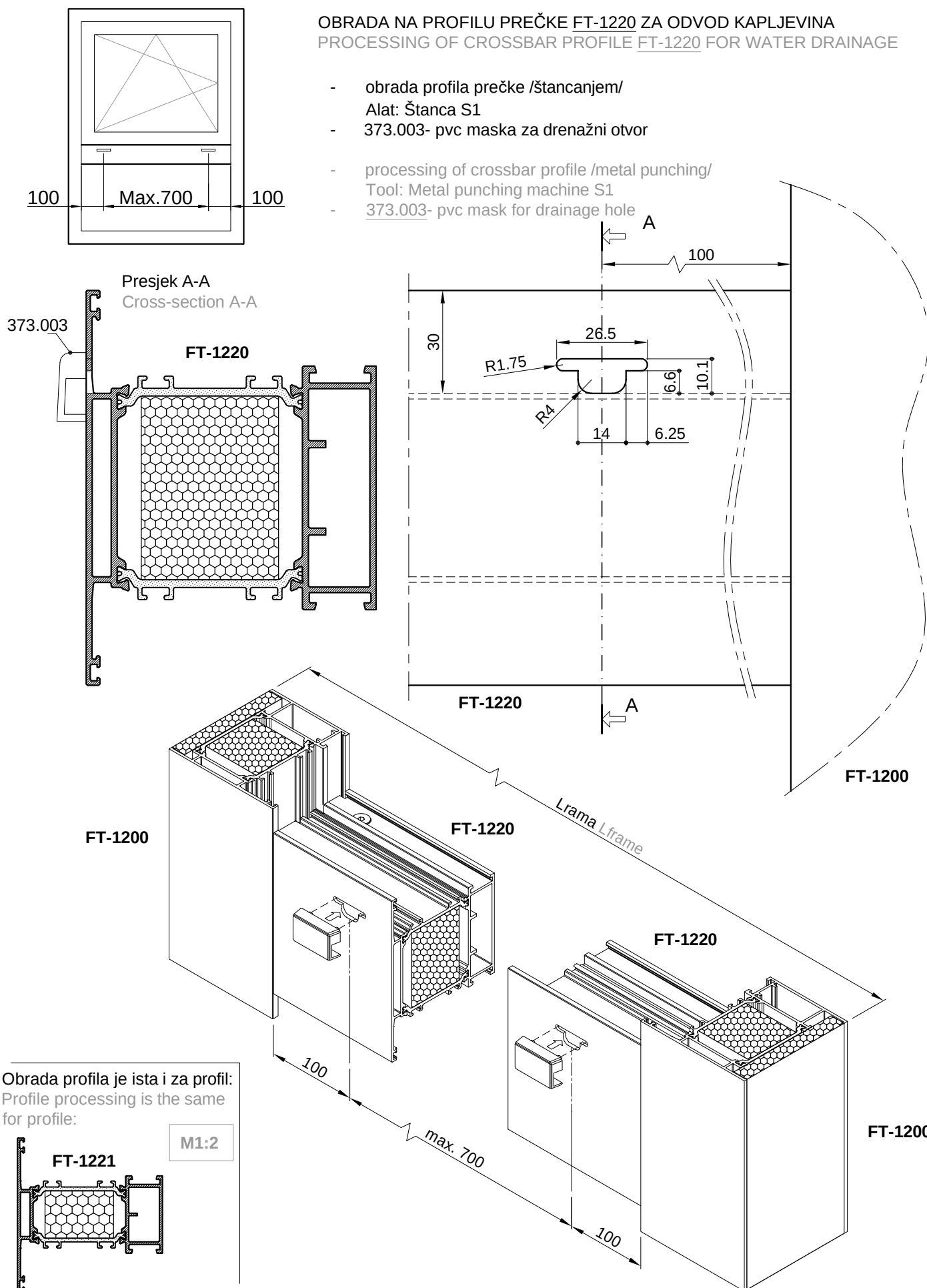
OBRADA NA PROFILU KRILA FT-1211 ZA ODVOD KAPLJEVINA I VENTILIRANJA KOMORA KRILA PROZORA PROCESSING OF SASH PROFILE FT-1211 FOR WATER DRAINAGE AND VENTILATION OF SASH CHAMBERS

- obrada donjeg pojasa krila /glodanjem/
- obrada okomitih pojasa krila /glodanjem/
Alat: vretenasto glodalo Ø4
- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja mogućih kapljevina
- processing of sash lower zone /milling/
- processing of sash vertical zone /milling/
Tool: end mill Ø4
- due to punctured slots inside the window air flow and drying of residual water is enable



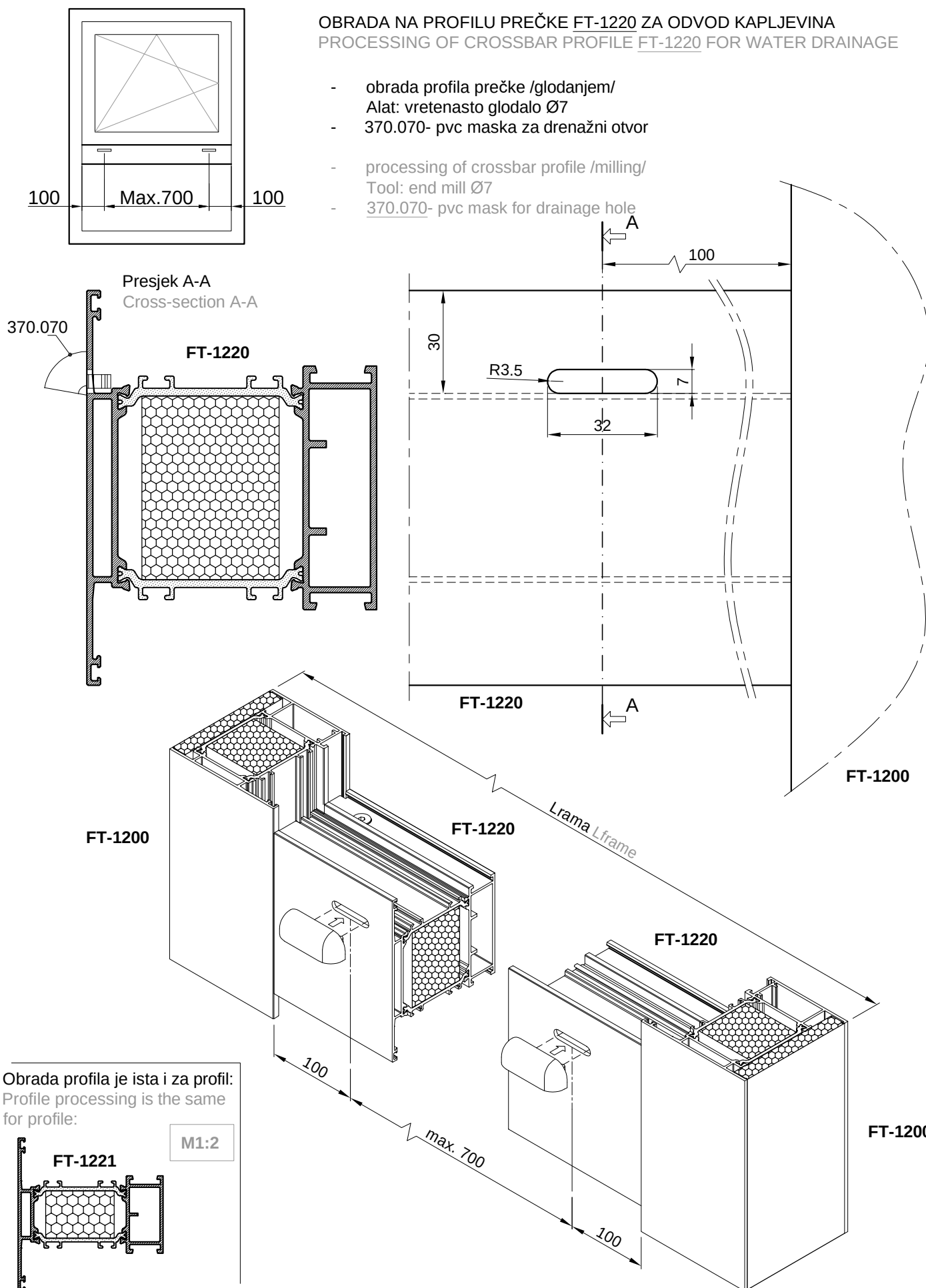
OBRADA NA PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA PROCESSING OF CROSSBAR PROFILE FT-1220 FOR WATER DRAINAGE

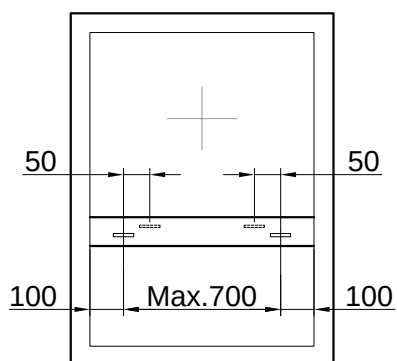
- obrada profila prečke /štancanjem/
Alat: Štanca S1
- 373.003- pvc maska za drenažni otvor
- processing of crossbar profile /metal punching/
Tool: Metal punching machine S1
- 373.003- pvc mask for drainage hole



OBRADA NA PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA PROCESSING OF CROSSBAR PROFILE FT-1220 FOR WATER DRAINAGE

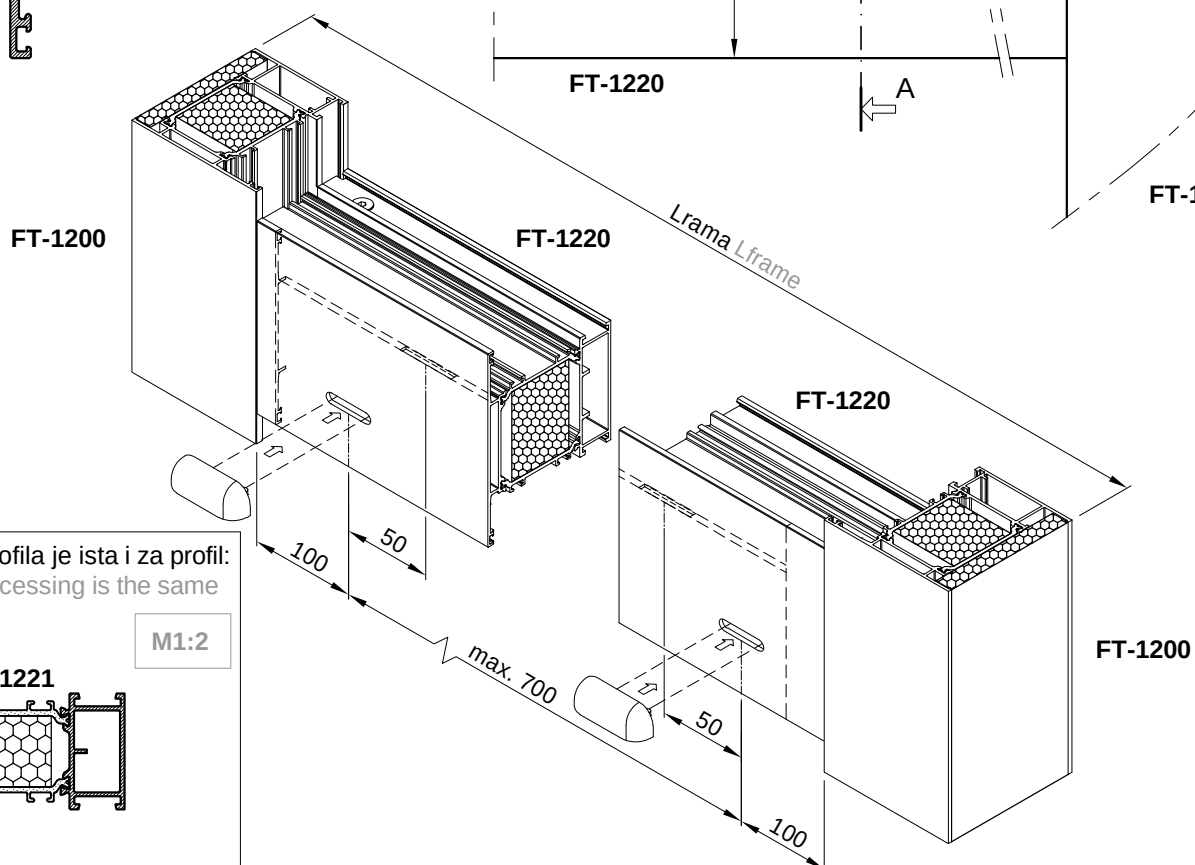
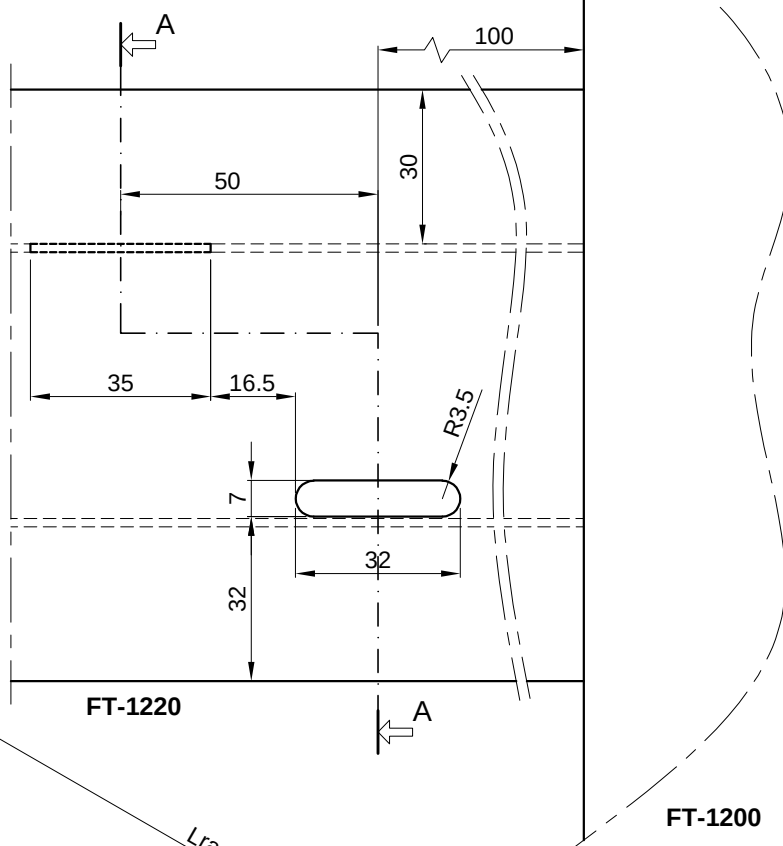
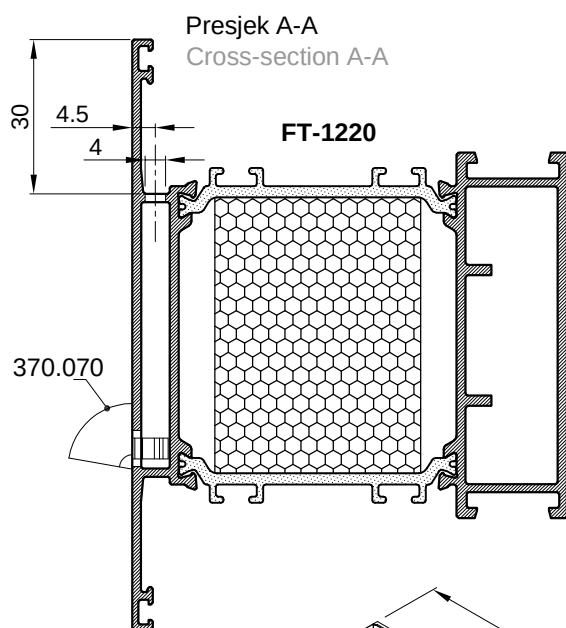
- obrada profila prečke /glodanjem/
Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor
- processing of crossbar profile /milling/
Tool: end mill Ø7
- 370.070- pvc mask for drainage hole



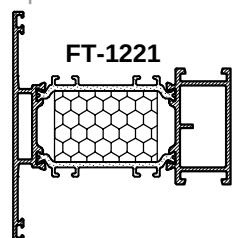


OBRADA NA PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA
PROCESSING OF CROSSBAR PROFILE FT-1220 FOR WATER DRAINAGE

- obrada profila prečke /glodanjem/ ; (žlijeb: 35x4)
Alat: vretenasto glodalo Ø4
 - obrada profila prečke /glodanjem/ ; (žlijeb: 32x7)
Alat: vretenasto glodalo Ø7
 - 370.070- pvc maska za drenažni otvor
-
- processing of crossbar profile /milling/ ; (groove: 35x4)
Tool: end mill Ø4
 - processing of crossbar profile /milling/ ; (groove: 32x7)
Tool: end mill Ø7
 - 370.070- pvc mask for drainage hole



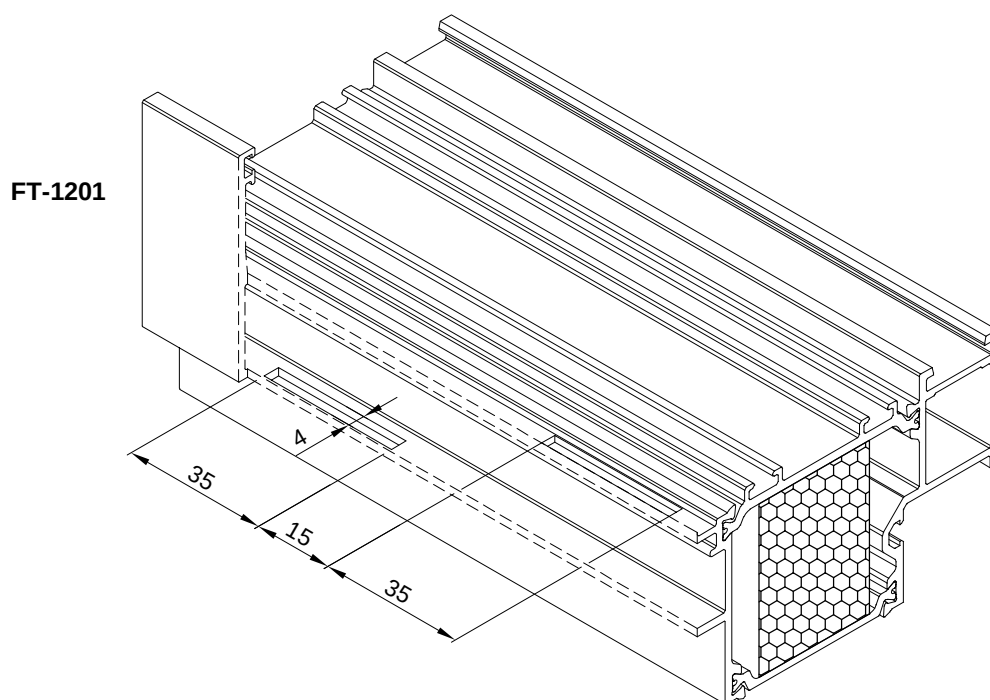
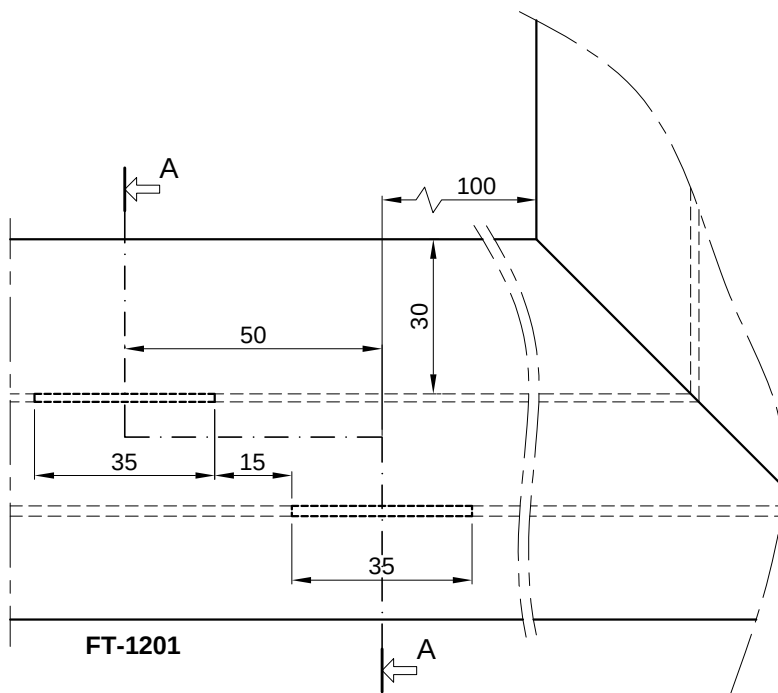
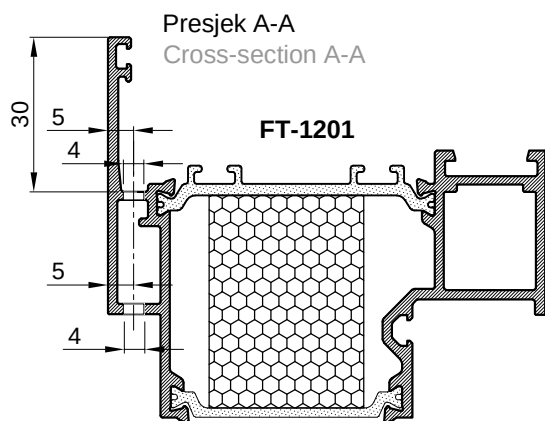
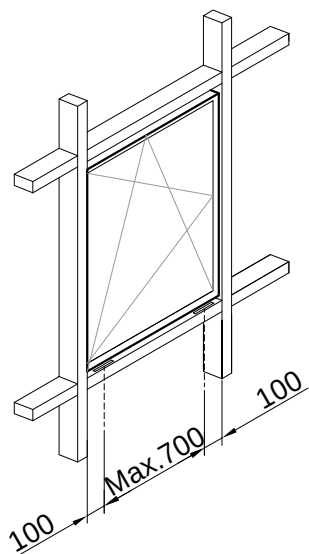
Obrada profila je ista i za profil:
Profile processing is the same
for profile:

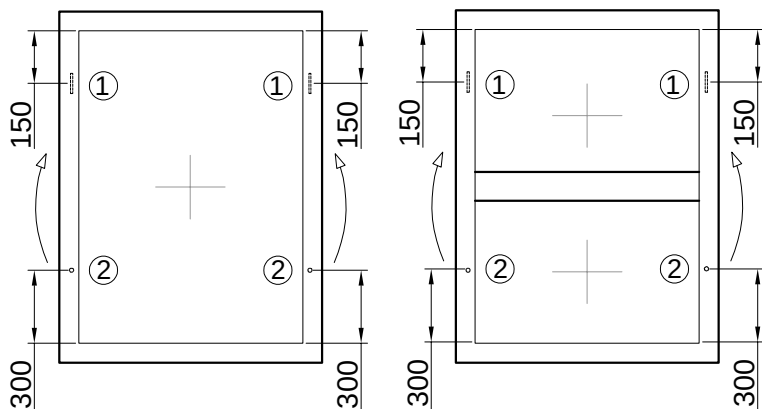


M1:2

OBRADA NA PROFILU RAMA U FASADI FT-1201 ZA ODVOD KAPLJEVINA PROCESSING OF FRAME PROFILE FT-1201 FOR WATER DRAINAGE

- obrada donjeg pojasa rama /štancanjem/
Alat: Štanca S10
- processing of frame lower zone /metal punching/
Tool: Metal punching machine S10

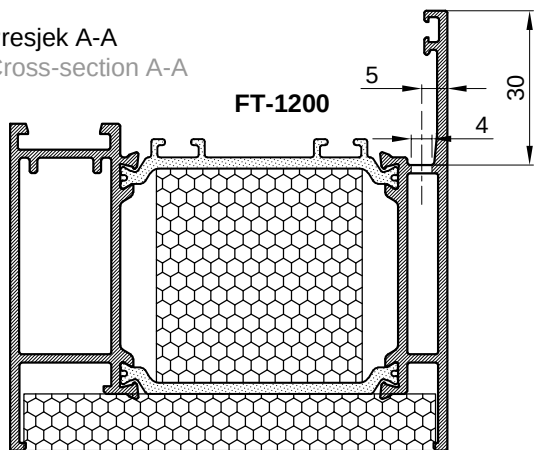




OBRADA NA PROFILU RAMA FT-1200 ZA VENTILIRANJE KOMORA RAMA PROCESSING OF FRAME PROFILE FT-1200 FOR VENTILATION OF FRAME CHAMBERS

1. obrada okomitih pojasa rama /štancanjem/ ; (žlijeb 35x4)
Alat: Štanca S10
1. processing of frame vertical zone /metal punching/ ; (groove 35x4)
Tool: Metal punching machine S10

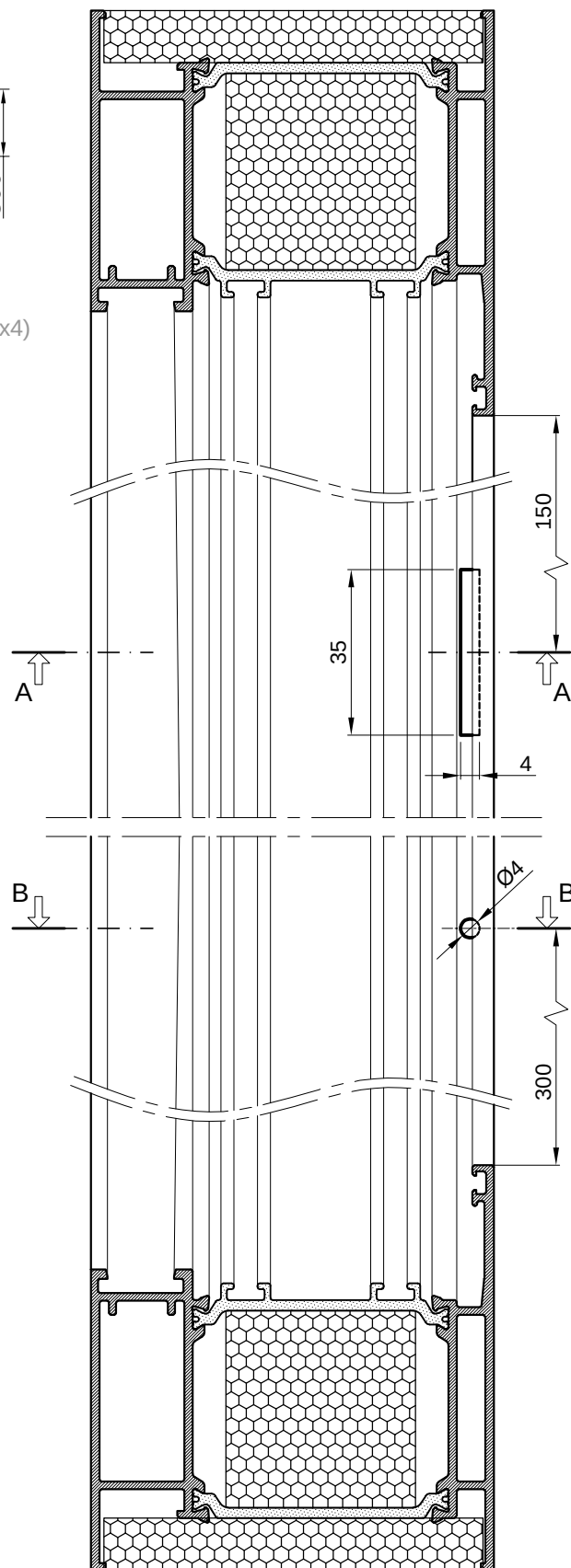
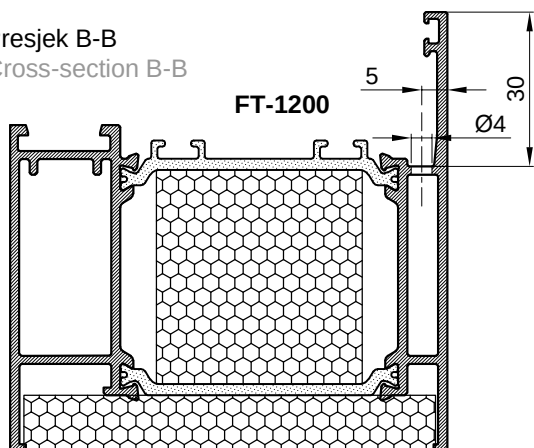
Presjek A-A
Cross-section A-A



- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja mogućih kapljevina
- due to punctured slots inside the window air flow and drying of residual water is enable

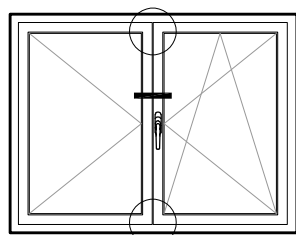
2. obrada okomitih pojasa rama /glodanjem/ ; (rupa Ø4)
Alat: vretenasto glodalo Ø4
2. processing of frame vertical zone /milling/ ; (hole Ø5)
Tool: end mill Ø4

Presjek B-B
Cross-section B-B

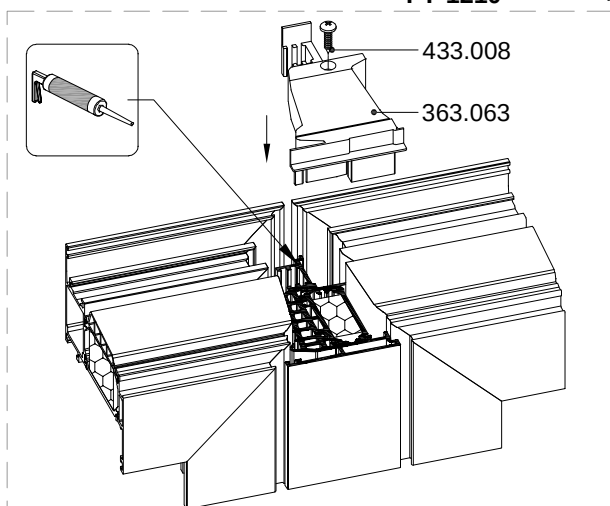
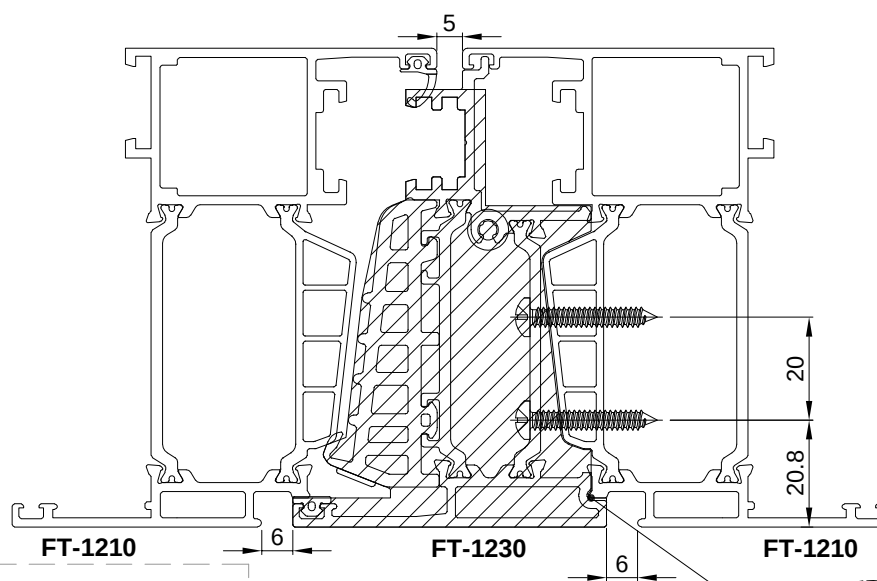
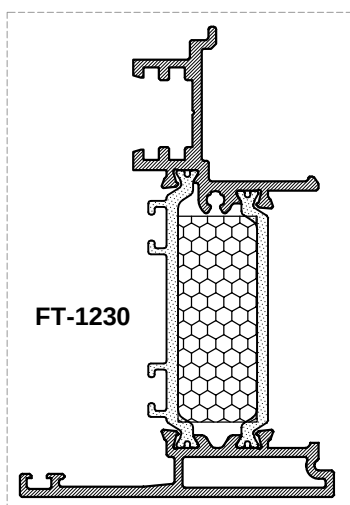
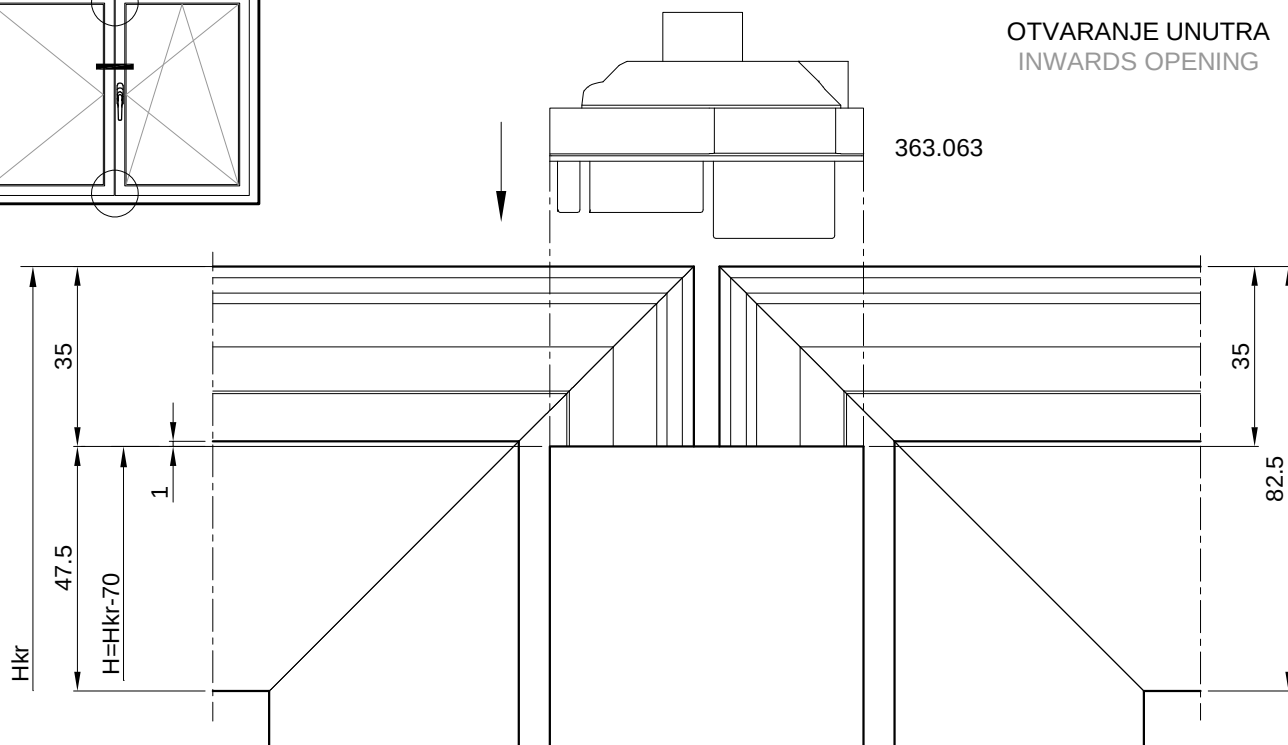


363.063 - UMETAK ZA PROFIL KOMBATUTE FT-1230 KOD DVOKRILNOG OTVARANJA

363.063 - END INSERT FOR FLYING MULLION PROFILE FT-1230 FOR DOUBLE-SASH OPENING



OTVARANJE UNUTRA
INWARDS OPENING

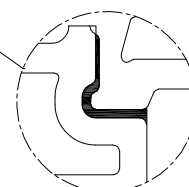


363.063

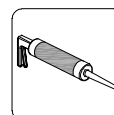
- gornji i donji umetak-simetrično
- materijal: tvrda guma
- mjera pilanja profila FT-1230
 $H = H_{kr} - 70$

363.063

- upper and lower end insert-symetrical
- material: hard rubber
- cutting length of FT-1230
 $H = H_{sh} - 70$

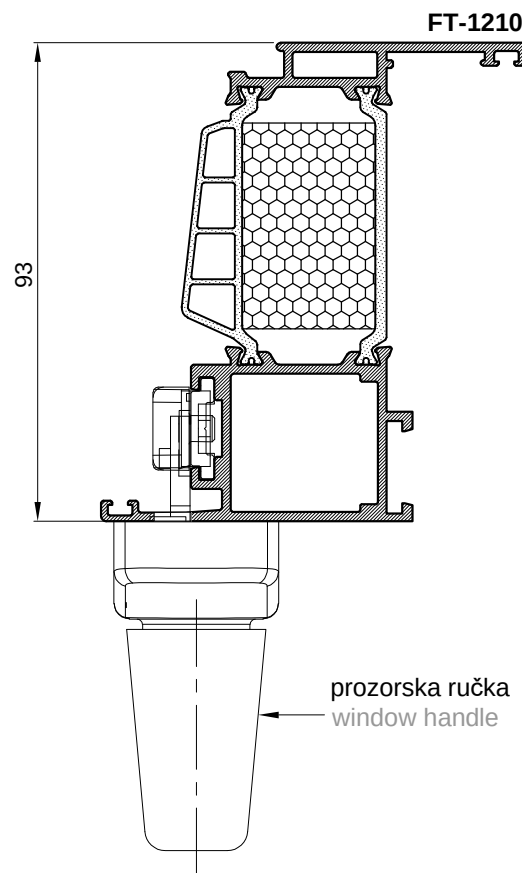
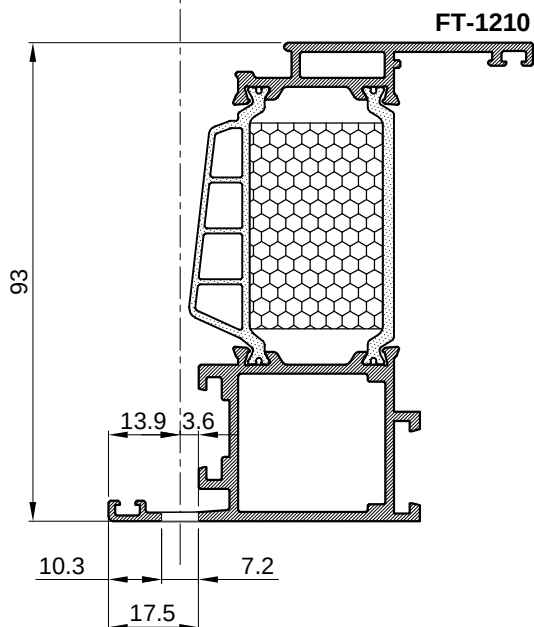
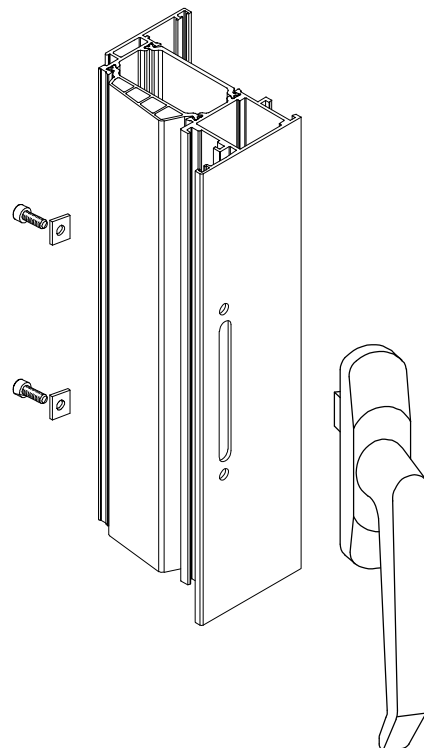
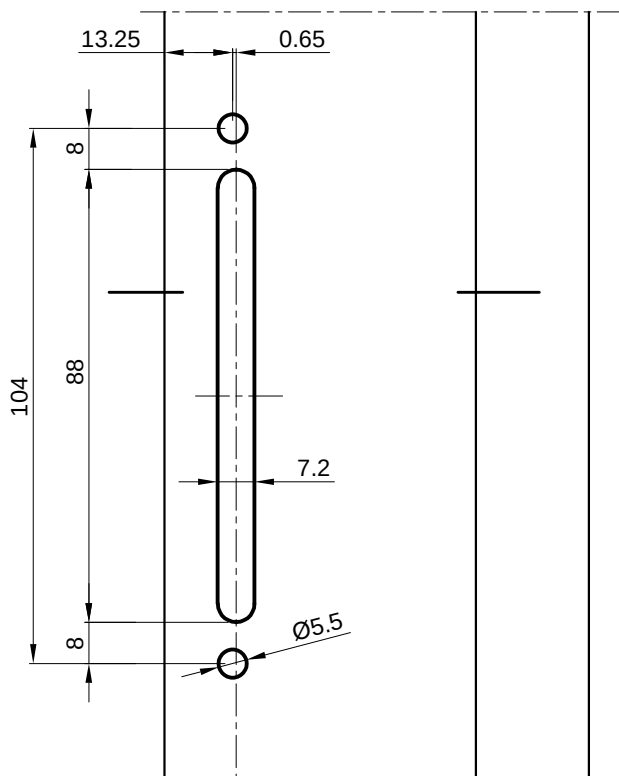


ispuniti ljepilom za metal
(cijelom dužinom profila)
to be filled with metal glue
(throughout the length of
the profile)



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

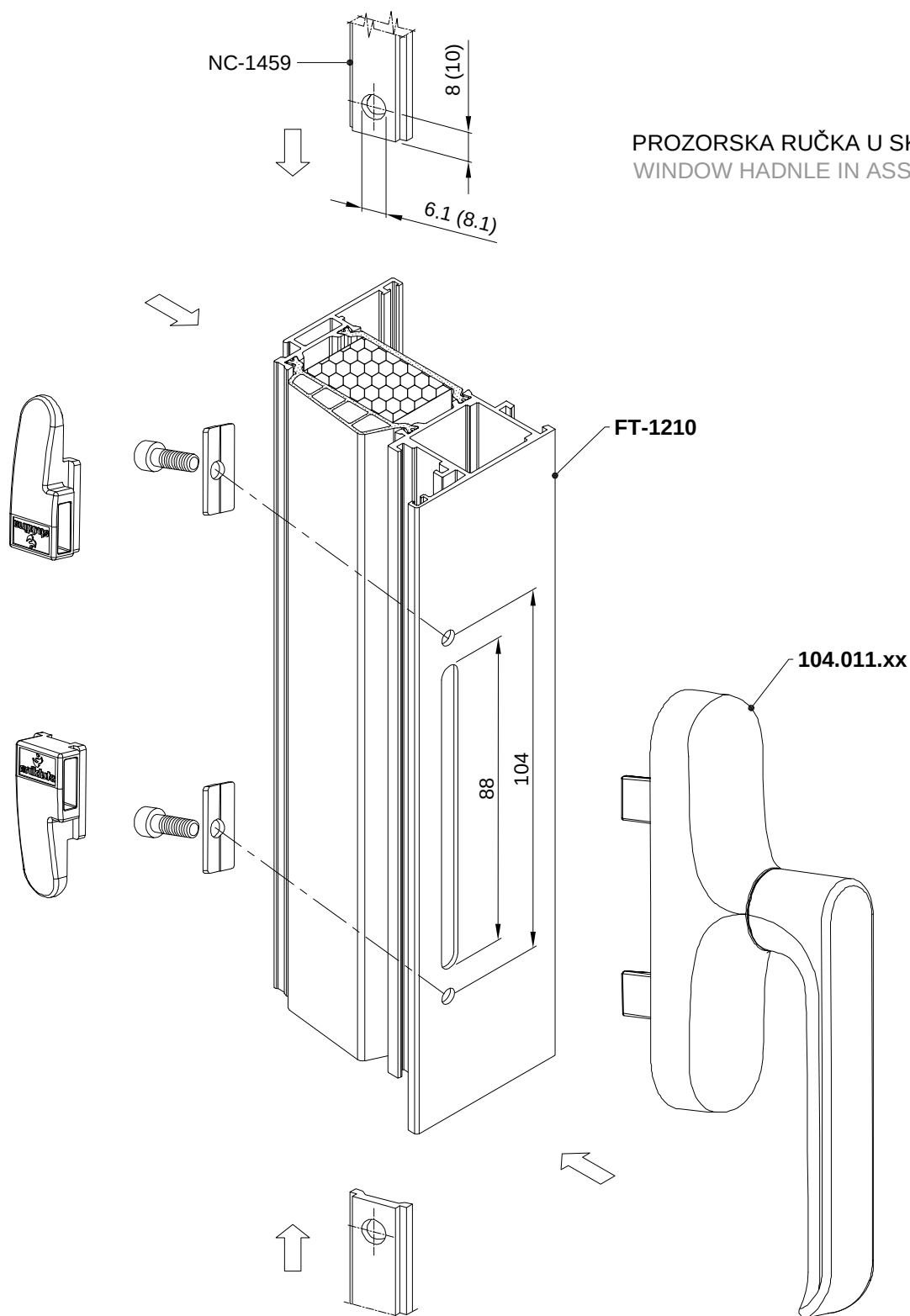
OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
PROCESSING OF WINDOW SASH PROFILE FOR HANDLE MONTAGE



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

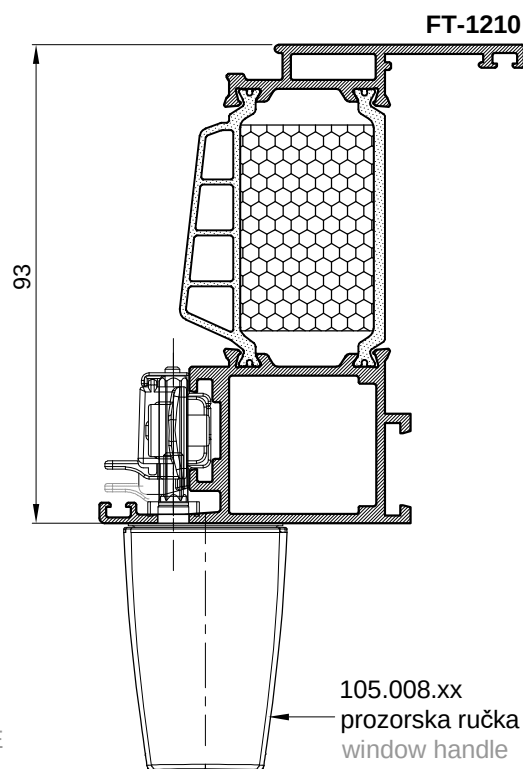
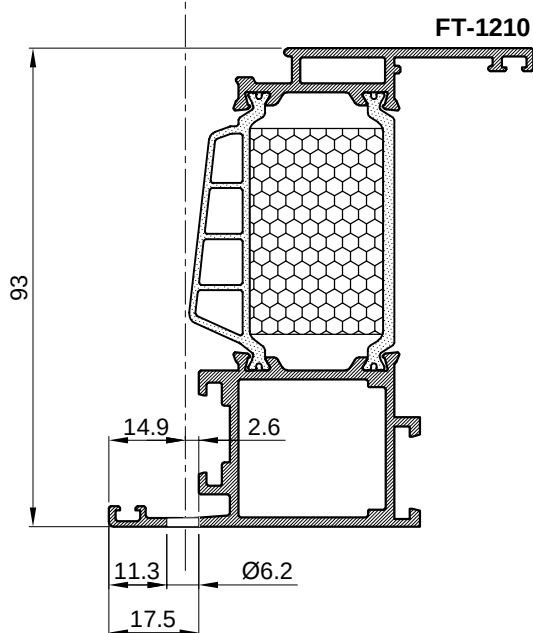
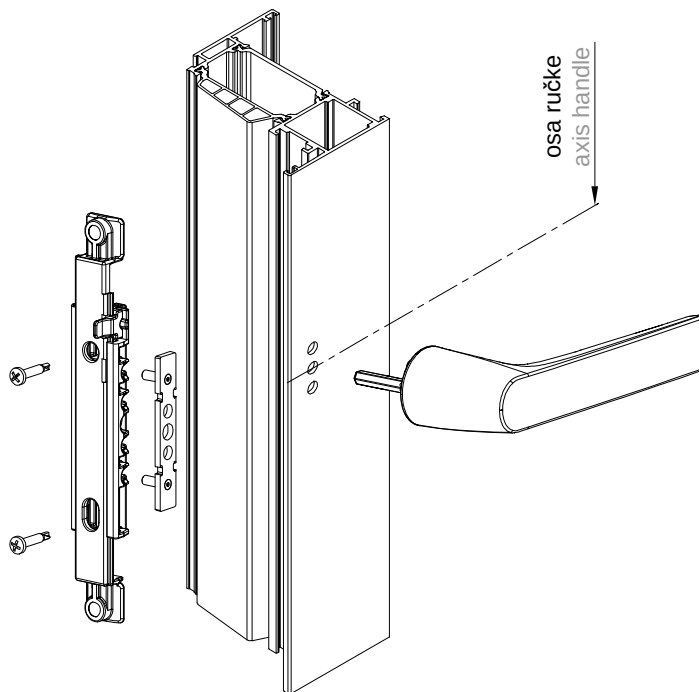
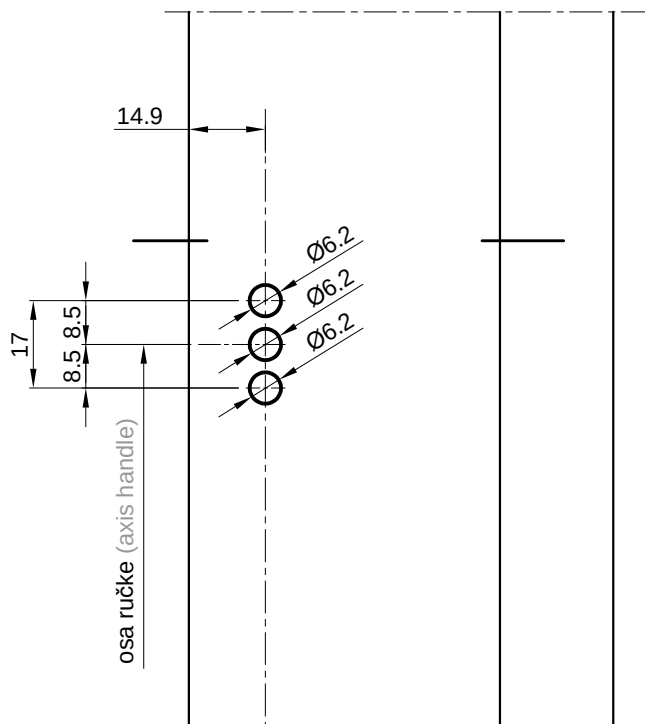
- obrada na profilu krila /štancanjem/
Alat: Štanca S1
- processing on sash profile /metal punching/
Tool: Metal punching machine S1

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



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

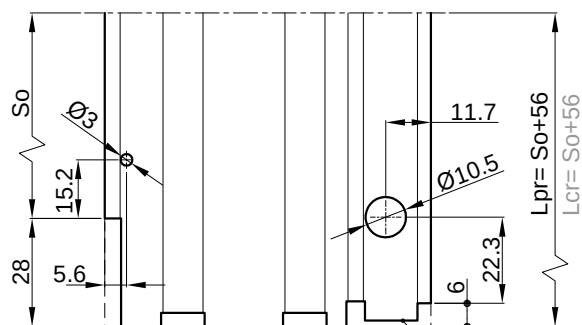
OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
PROCESSING OF WINDOW SASH PROFILE FOR HANDLE MONTAGE



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

- obrada na profilu krila /glodanjem/
Alat: vretenasto glodalo Ø6.5
- processing on sash profile /milling/
Tool: end mill Ø6.5

SPAJANJE PROFILA PREČKE FT-1220 SA PROFILOM RAMA FT-1200 - POMOĆU VEZNIKA CONNECTING THE CROSSBAR PROFILE FT-1220 WITH FRAME PROFILE FT-1200 - BY USING CONNECTING ELEMENT -(T BRACKET)



Mjera pilanja prečke FT-1220:

$L_{pr} = S_o / \text{svijetli otvor} / + 56 \text{ mm}$

Sawing length of the crossbar FT-1220:

$L_{cr} = S_o / \text{light opening} / + 56 \text{ mm}$

①

Obrada profila prečke

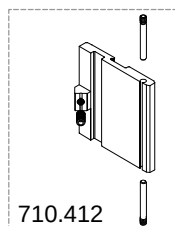
Processing of the crossbar profile

1. obrada profila snopom glodalaart. 220.027

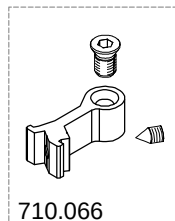
2. obrada profila na glodalici ili obradnom centru

1. processing of the profile with milling cutter tool art. 220.027

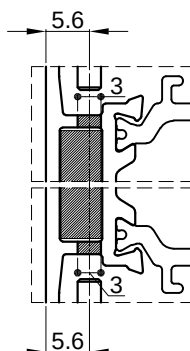
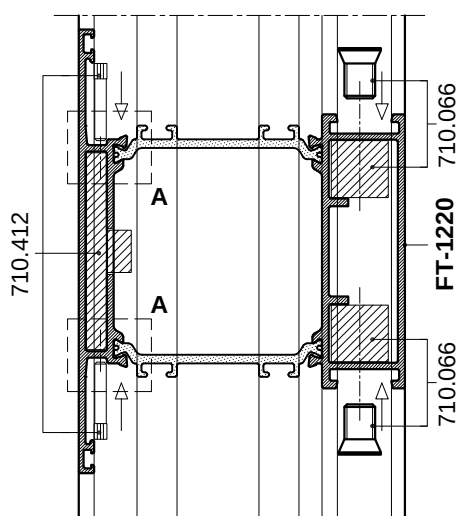
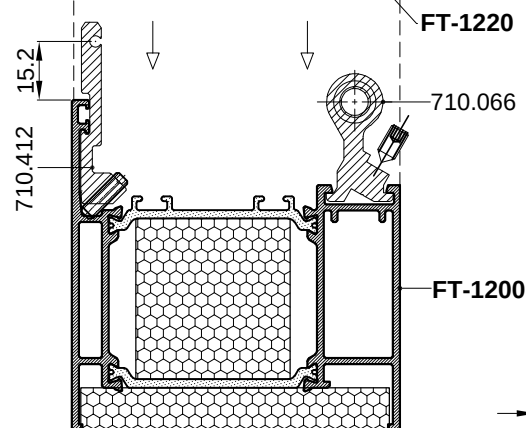
2. processing of the profile on a milling machine or a CNC machine



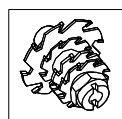
710.412



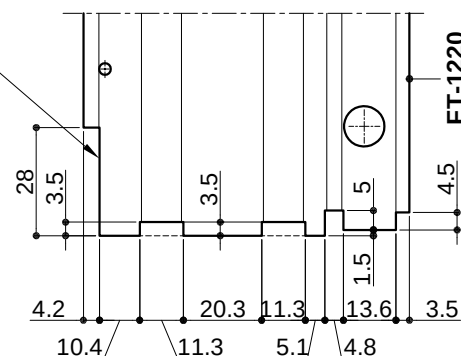
710.066



DETALJ A
M2:1



art.220.027



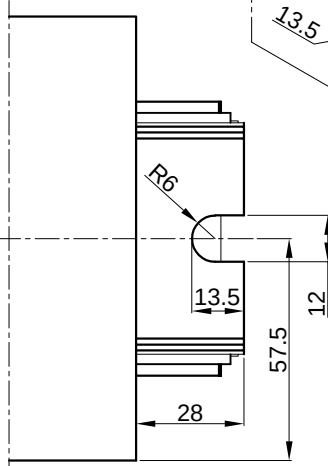
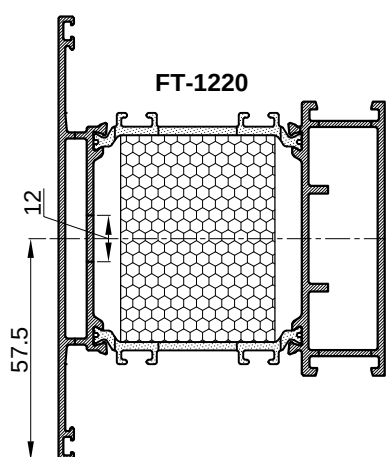
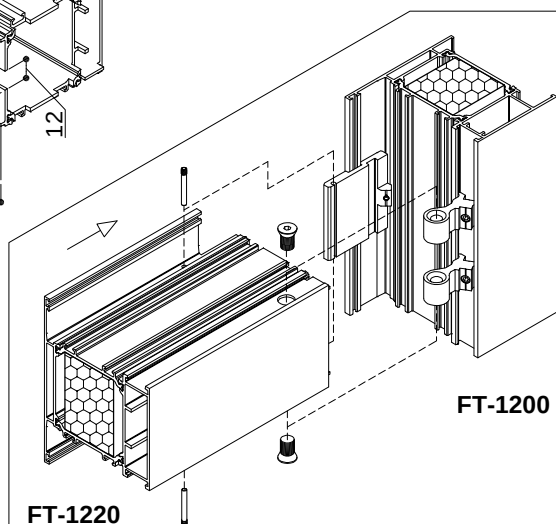
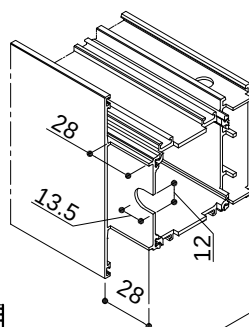
②

Obrada profila prečke glodalom Ø12

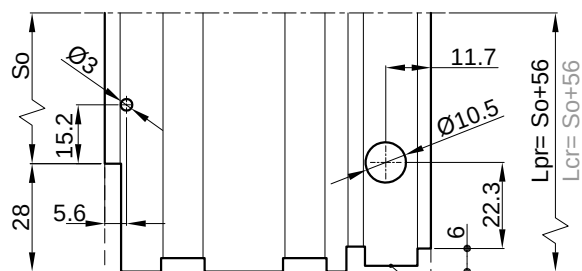
Processing of the crossbar profile with milling cutter tool Ø12

(Nakon završene obrade profila prečke snopom glodala (art.220.027), pristupiti obradi profila prečke glodalom Ø12)

(After finishing processing of the crossbar profile by milling cutter tool (art.220.027), additional processing of the crossbar profile by milling cutter tool Ø12)



SPAJANJE PROFILA PREČKE FT-1220 SA PROFILOM PREČKE FT-1220 - POMOĆU VEZNIKA CONNECTING THE CROSSBAR PROFILE FT-1220 WITH CROSSBAR PROFILE FT-1220 - BY USING CONNECTING ELEMENT -(T BRACKET)



Mjera pilanja prečke FT-1220:

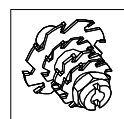
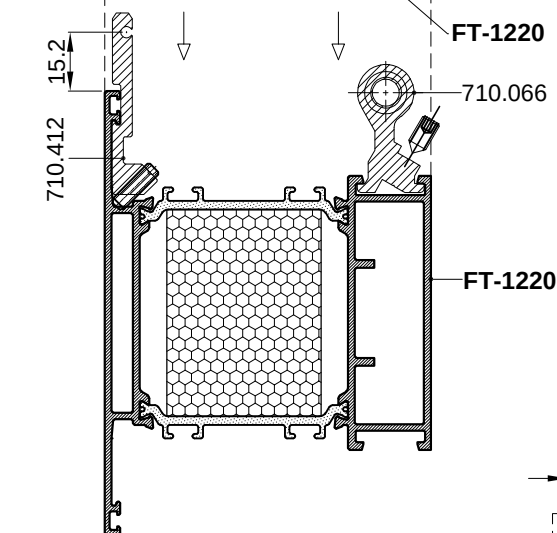
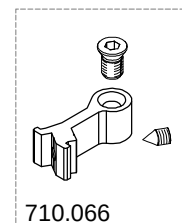
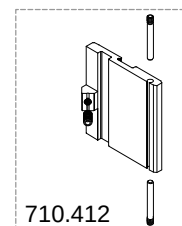
$Lpr = S0 / \text{svijetli otvor} / + 56 \text{ mm}$

Sawing length of the crossbar FT-1220:

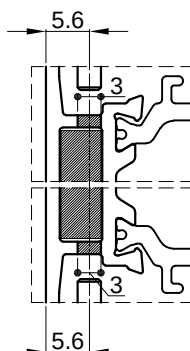
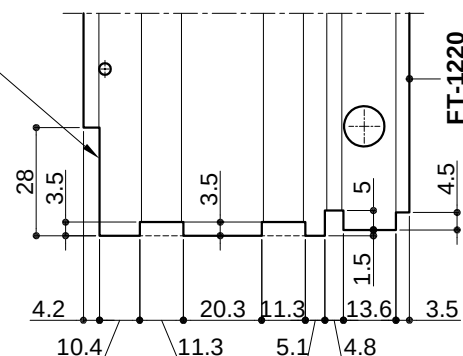
$Lcr = S0 / \text{light opening} / + 56 \text{ mm}$

① Obrada profila prečke Processing of the crossbar profile

1. obrada profila snopom glodalaart. 220.027
2. obrada profila na glodalici ili obradnom centru
1. processing of the profile with milling cutter tool art. 220.027
2. processing of the profile on a milling machine or a CNC machine



art.220.027

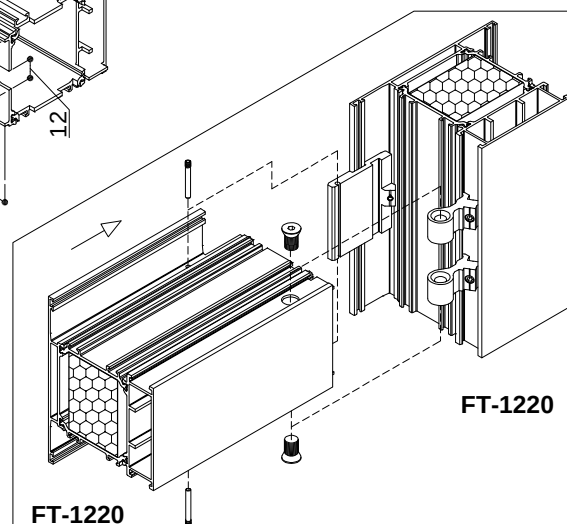
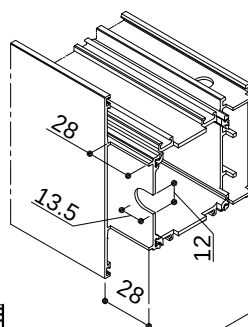
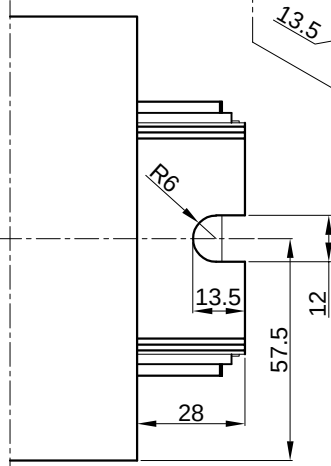
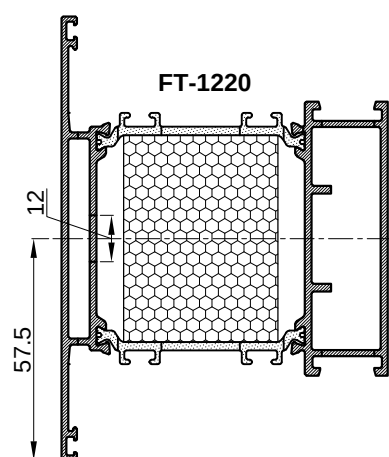
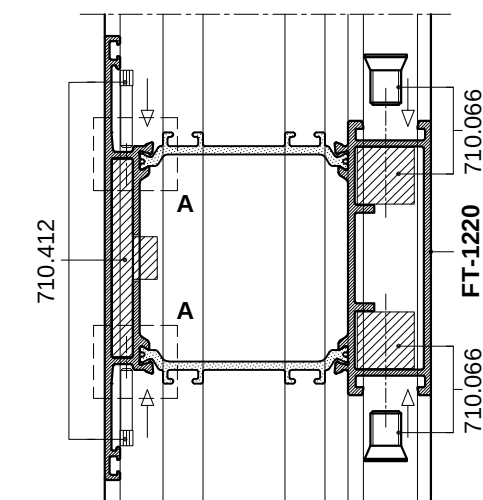


DETALJ A
M2:1

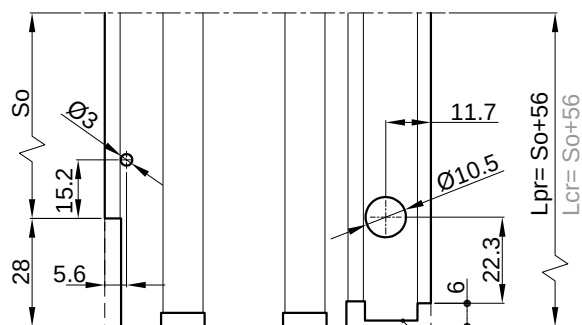
② Obrada profila prečke glodalom Ø12 Processing of the crossbar profile with milling cutter tool Ø12

(Nakon završene obrade profila prečke snopom glodala (art.220.027), pristupiti obradi profila prečke glodalom Ø12)

(After finishing processing of the crossbar profile by milling cutter tool (art.220.027), additional processing of the crossbar profile by milling cutter tool Ø12)



SPAJANJE PROFILA PREČKE FT-1221 SA PROFILOM RAMA FT-1200 - POMOĆU VEZNIKA CONNECTING THE CROSSBAR PROFILE FT-1221 WITH FRAME PROFILE FT-1200 - BY USING CONNECTING ELEMENT -(T BRACKET)



Mjera pilanja prečke FT-1221:

$L_{pr} = S_o / \text{svijetli otvor} / + 56 \text{ mm}$

Sawing length of the crossbar FT-12xx:

$L_{cr} = S_o / \text{light opening} / + 56 \text{ mm}$

①

Obrada profila prečke

Processing of the crossbar profile

1. obrada profila snopom glodalaart. 220.027

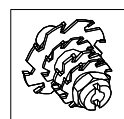
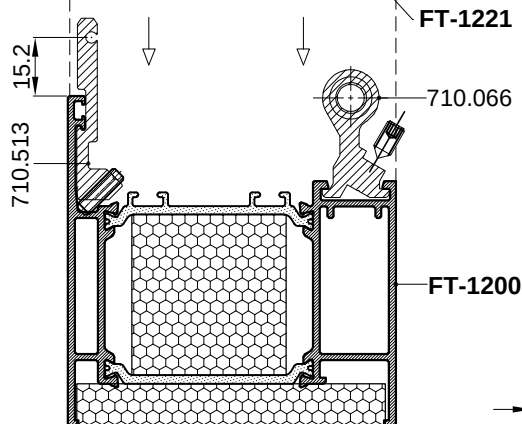
2. obrada profila na glodalici ili obradnom centru

1. processing of the profile with milling cutter tool art. 220.027

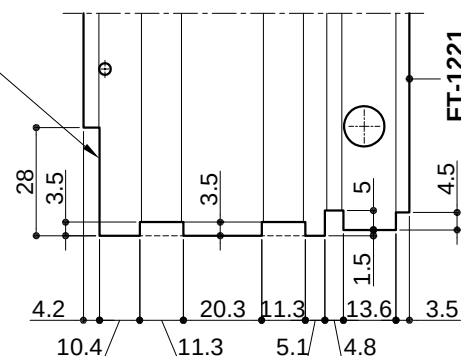
2. processing of the profile on a milling machine or a CNC machine

710.513

710.066



art.220.027



DETALJ A
M2:1

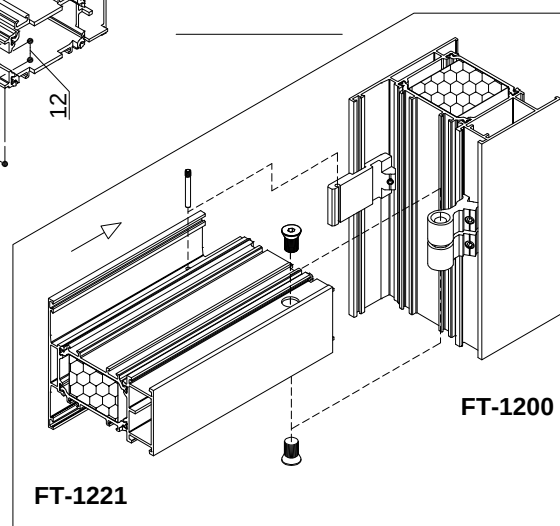
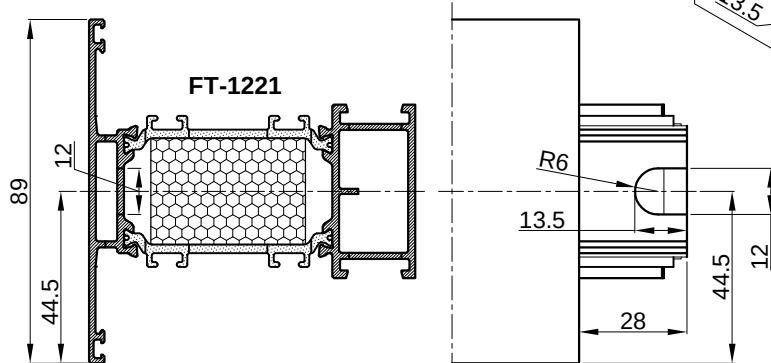
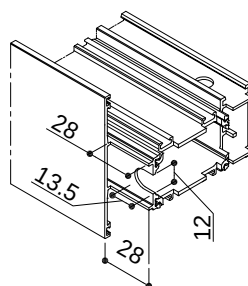
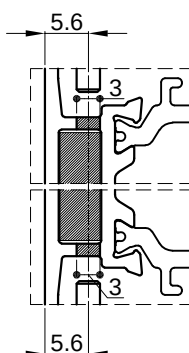
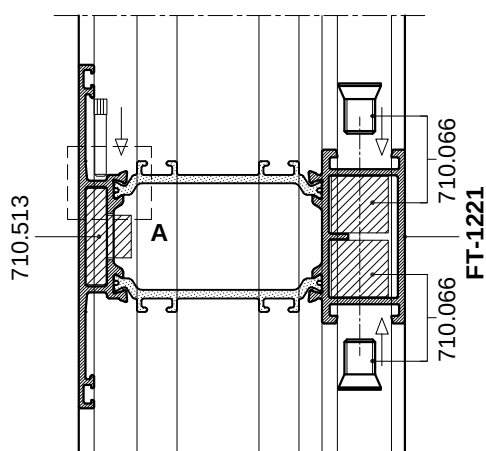
②

Obrada profila prečke glodalom Ø12

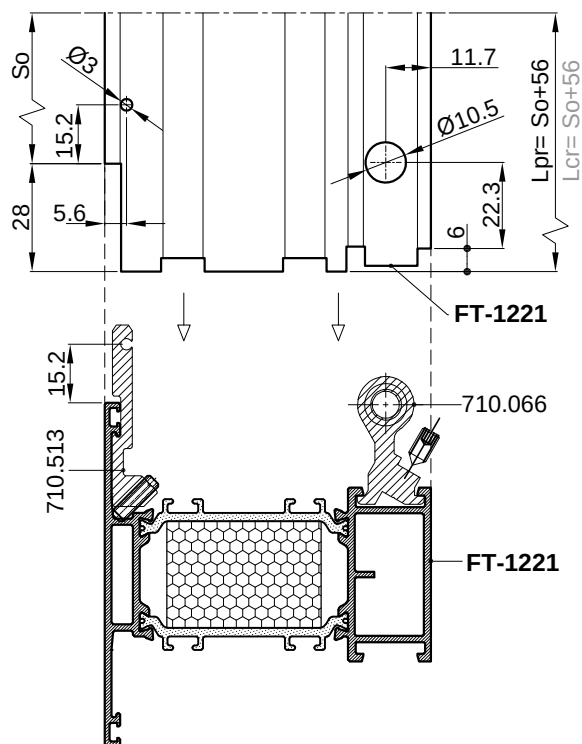
Processing of the crossbar profile with milling cutter tool Ø12

(Nakon završene obrade profila prečke snopom glodala (art.220.027), pristupiti obradi profila prečke glodalom Ø12)

(After finishing processing of the crossbar profile by milling cutter tool (art.220.027), additional processing of the crossbar profile by milling cutter tool Ø12)



SPAJANJE PROFILA PREČKE FT-1221 SA PROFILOM PREČKE FT-1221 - POMOĆU VEZNIKA CONNECTING THE CROSSBAR PROFILE FT-1221 WITH CROSSBAR PROFILE FT-1221 - BY USING CONNECTING ELEMENT -(T BRACKET)



Mjera pilanja prečke FT-1221:

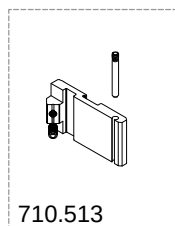
$L_{pr} = S_o / \text{svijetli otvor} + 56 \text{ mm}$

Sawing length of the crossbar FT-1220:

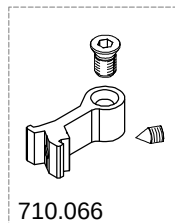
$L_{cr} = S_o / \text{light opening} + 56 \text{ mm}$

① Obrada profila prečke Processing of the crossbar profile

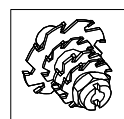
1. obrada profila snopom glodalaart. 220.027
2. obrada profila na glodalici ili obradnom centru
..... art. 220.027
1. processing of the profile with milling cutter tool
..... art. 220.027
2. processing of the profile on a milling machine
or a CNC machine



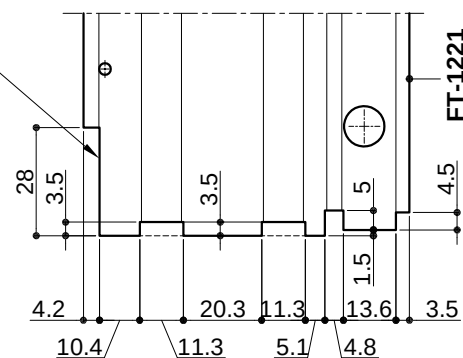
710.513



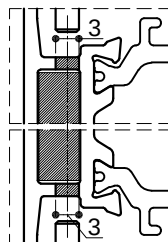
710.066



art.220.027



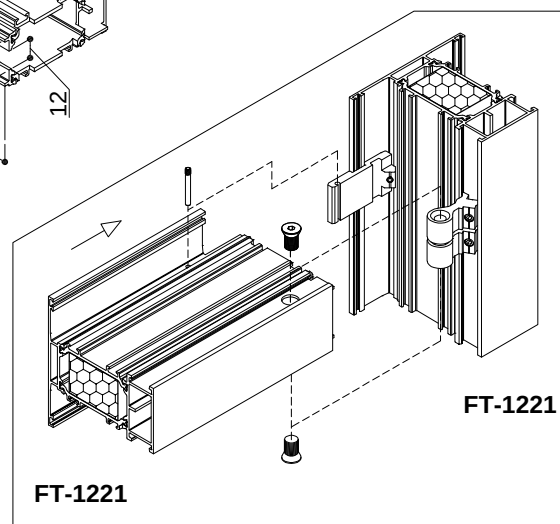
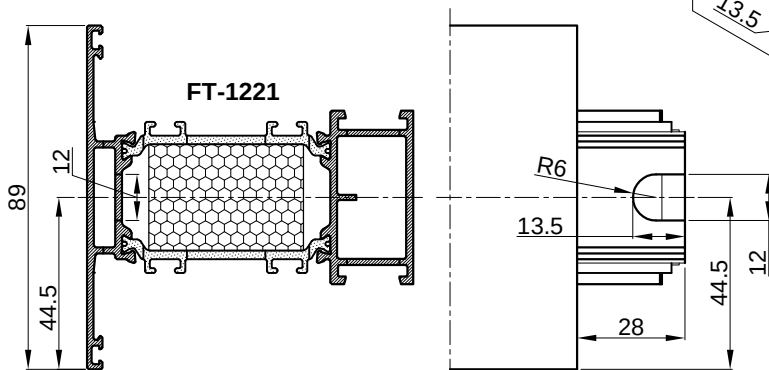
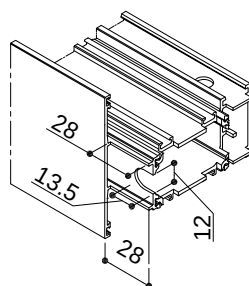
DETALJ A M2:1



② Obrada profila prečke glodalom Ø12 Processing of the crossbar profile with milling cutter tool Ø12

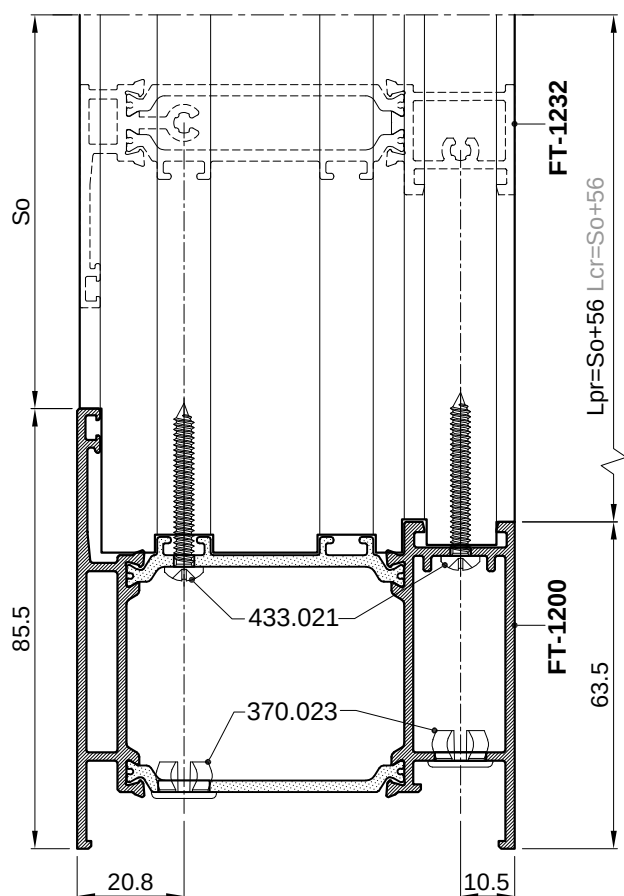
(Nakon završene obrade profila prečke
snopom glodala (art.220.027), pristupiti
obradi profila prečke glodalom Ø12)

(After finishing processing of the crossbar
profile by milling cutter tool (art.220.027),
additional processing of the crossbar
profile by milling cutter tool Ø12)



SPAJANJE PROFILA PRAGA **FT-1232** SA PROFILOM RAMA **FT-1200** POMOĆU VIJAKA

CONNECTING OF THE THRESHOLD PROFILE **FT-1232** WITH FRAME PROFILE **FT-1200** USING SCREWS



Mjera pilanja profila praga FT-1232:

$$L_{pr} = S_o / \text{svijetli otvor} / + 56 \text{ mm}$$

Sawing lenght of threshold profile FT-1232:

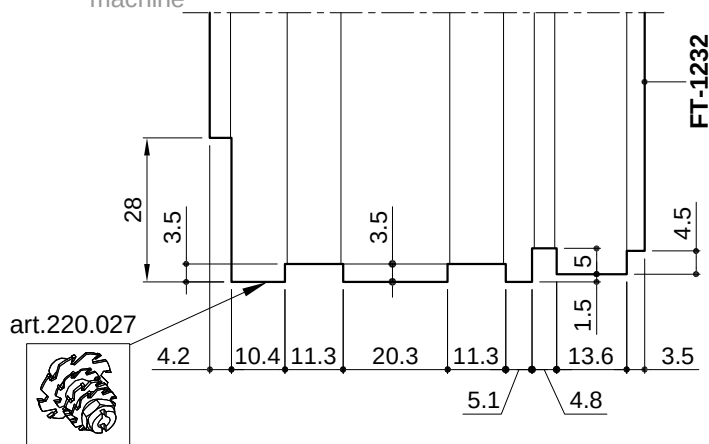
$$L_{th} = S_o / \text{light opening} + 56 \text{ mm}$$

Obrada profila praga

Processing of the threshold profile

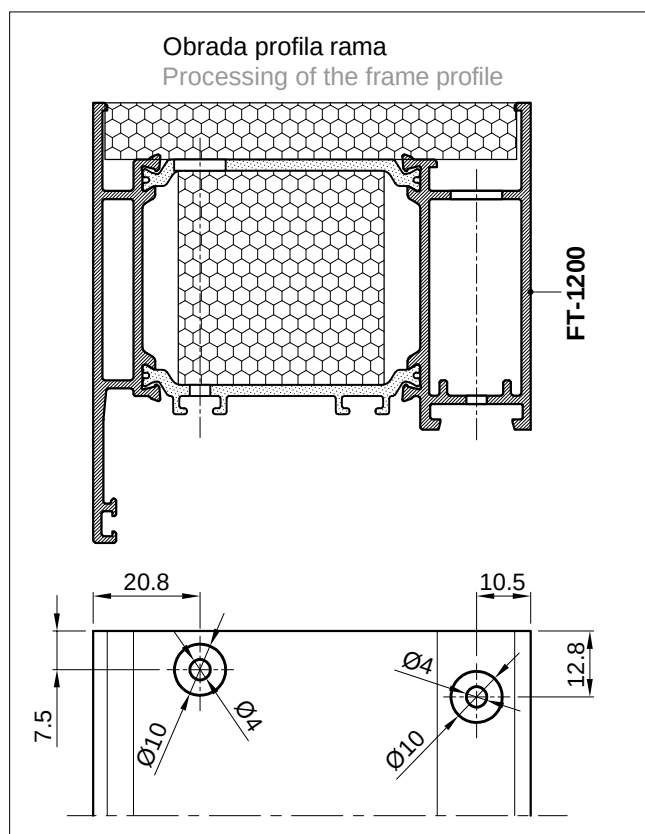
1. obrada profila snopom glodalaart. **220.027**
2. obrada profila na glodalici ili obradnom centru

1. processing the profile with milling cutter tool
..... art. **220.027**
2. processing the profile on a milling machine or a CNC machine



Obrada profila rama

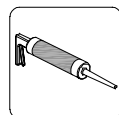
Processing of the frame profile



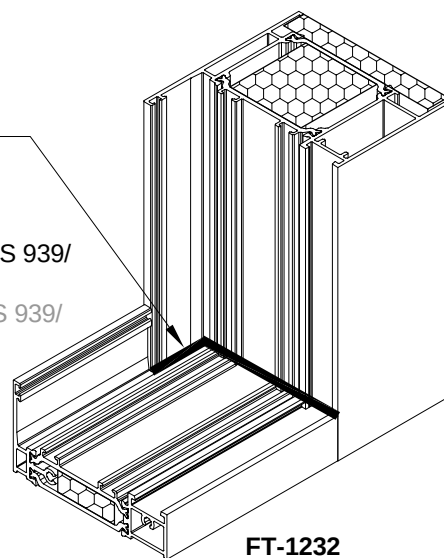
370.023
pvc čep-mask-
za Ø10 mm
pvc cap-mask-
for Ø10 mm



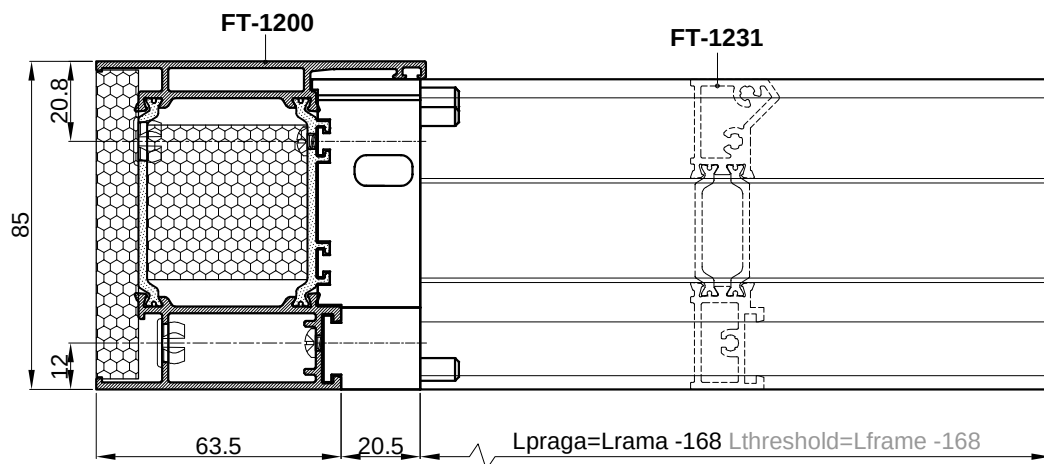
433.021
vijak 3.9x32 (DIN 7981)
screw 3.9x32 (DIN 7981)

FT-1200

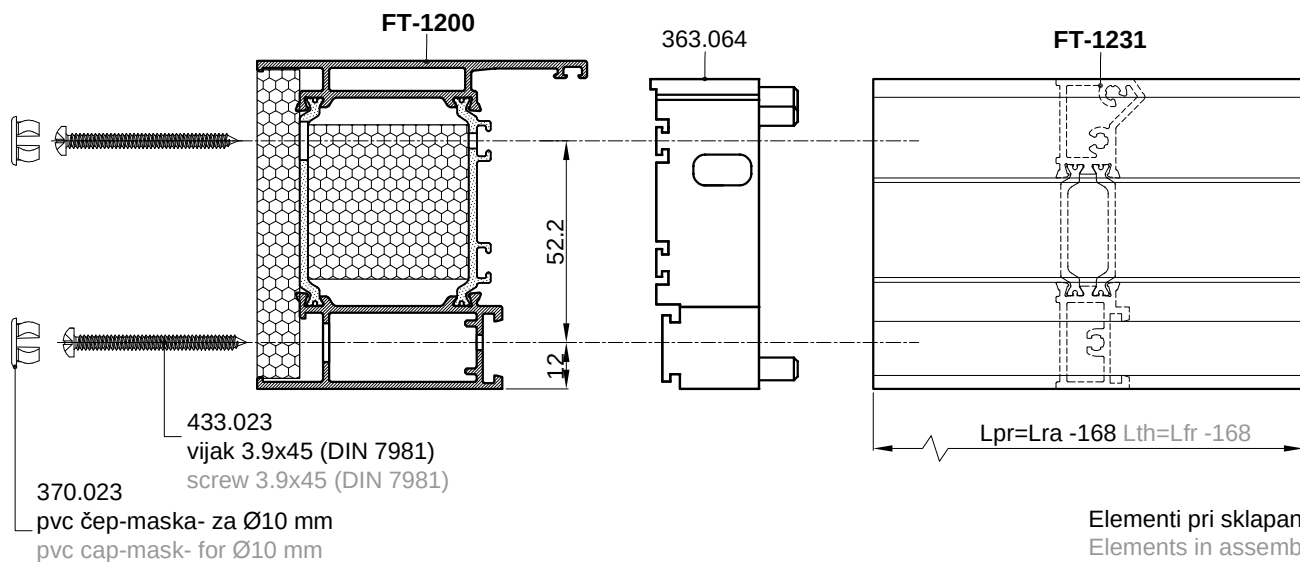
ljepilo za metal
/npr. Teroson MS 939/
metal glue
/eg. Teroson MS 939/



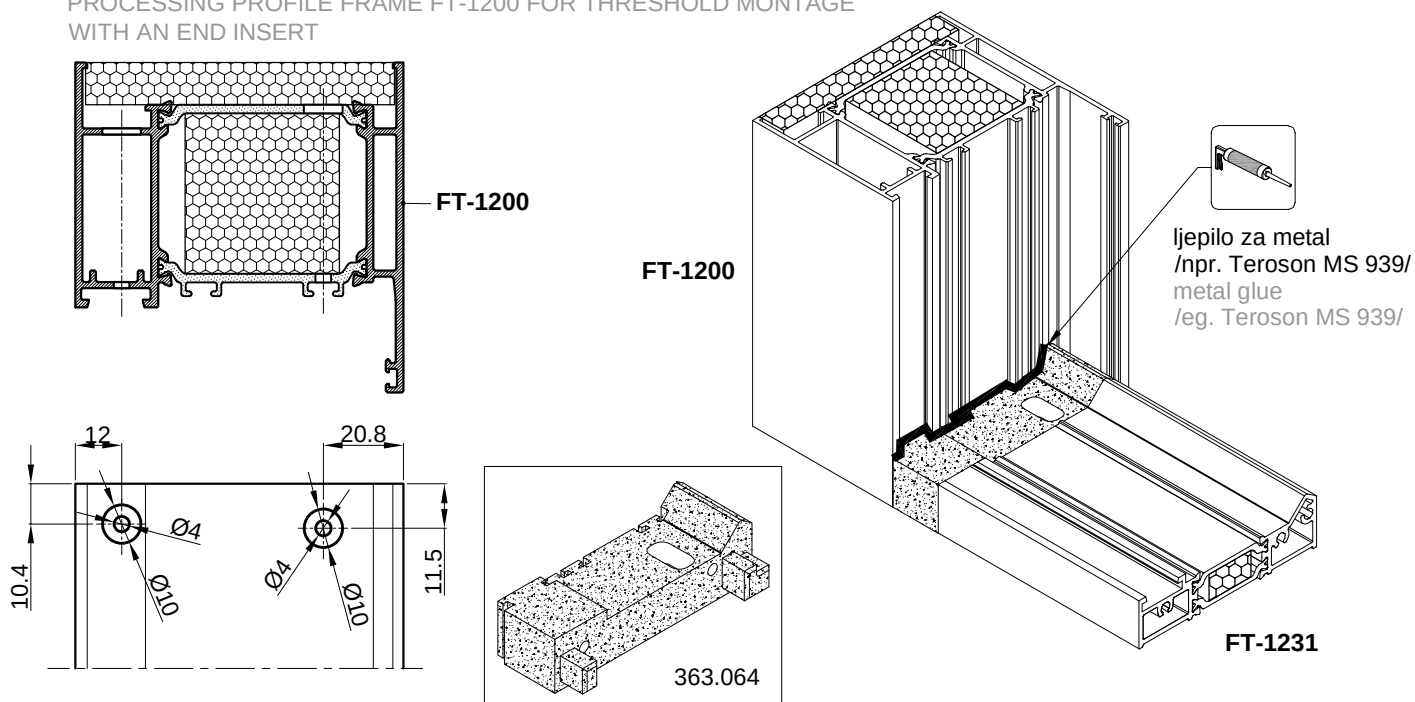
SPAJANJE PROFILA PRAGA FT-1231 SA PROFILOM RAMA FT-1200 POMOĆU UMETKA 363.064 CONNECTING THE THRESHOLD PROFILE FT-1231 WITH FRAME PROFILE FT-1200 USING END INSERT 363.064



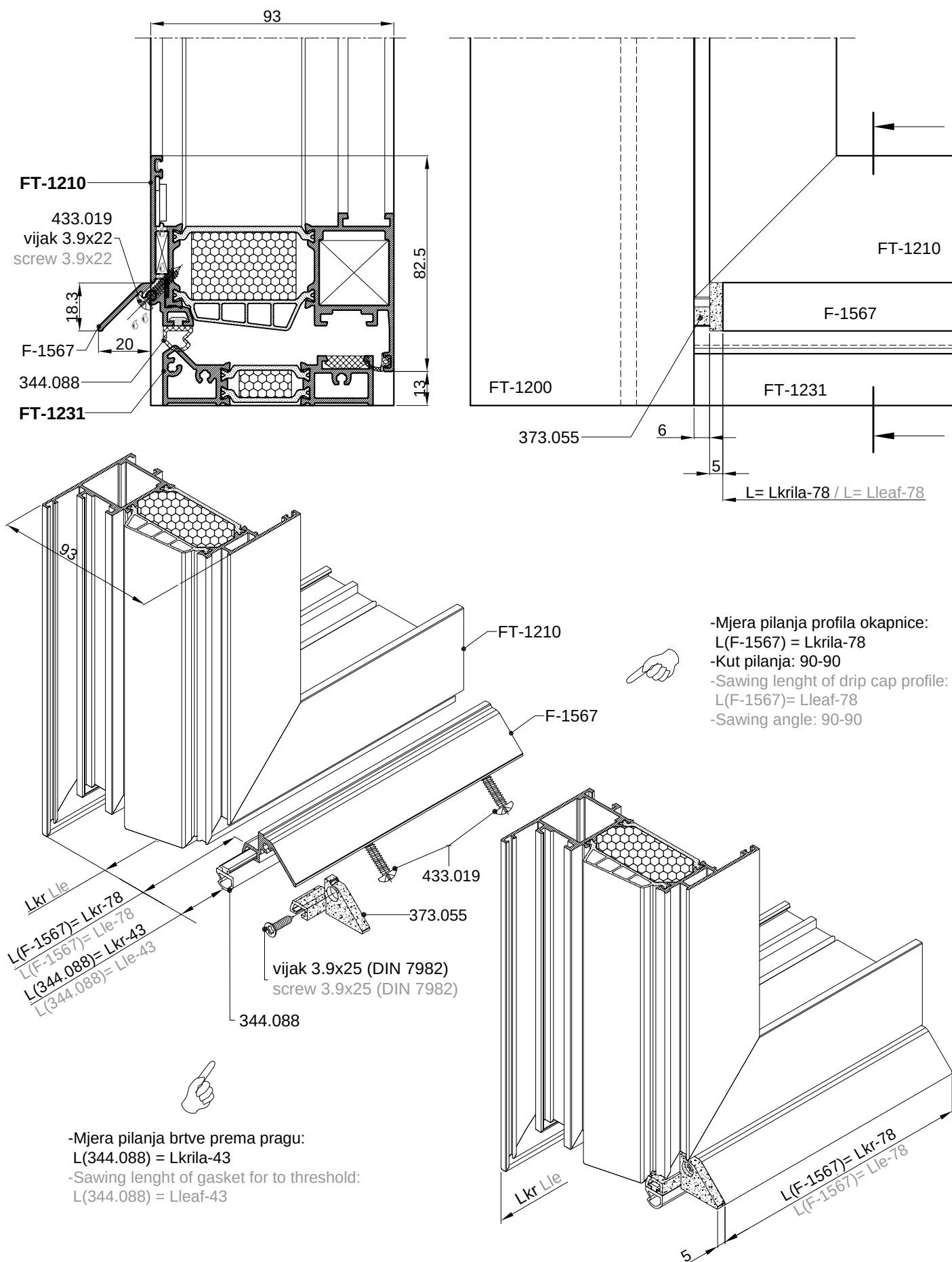
Mjera pilanja profila praga
Lpr=Lra-168
Sawing lenght of threshold
profile
Lth=Lfr-168



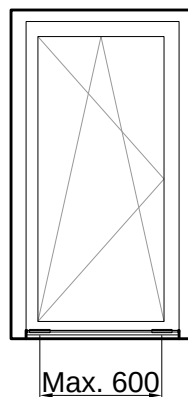
OBRADA PROFILA RAMA FT-1200 ZA UGRADNJU PRAGA SA UMETKOM PROCESSING PROFILE FRAME FT-1200 FOR THRESHOLD MONTAGE WITH AN END INSERT



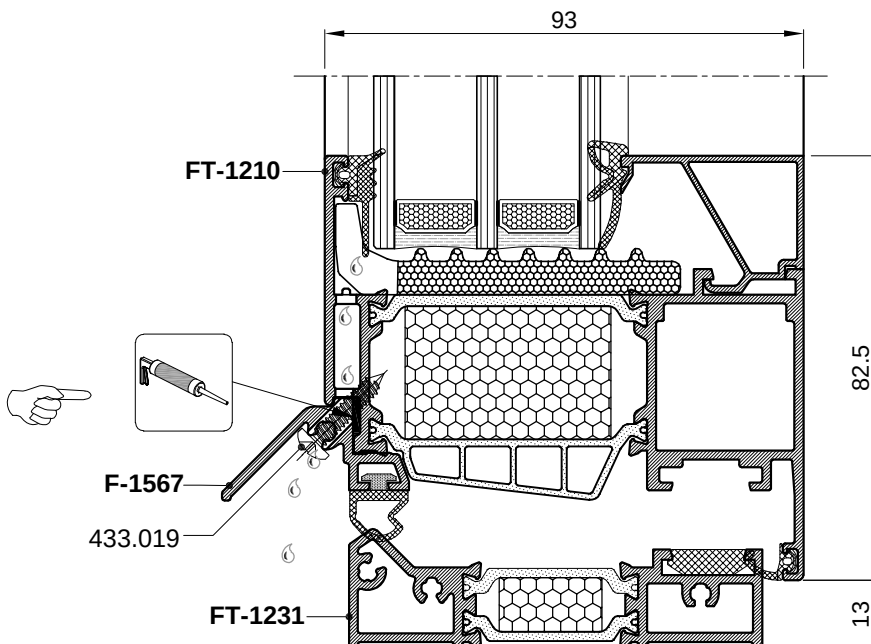
DETALJ UGRADNJE PROFILA OKAPNICE F-1567 S BRTVOM PREMA PRAGU U PROFIL KRILA VRATA INSTALLATION OF DRIP CAP PROFILE F-1567 WITH GASKET ON THE BOTTOM OF THE DOOR LEAF PROFILE



ODVOD KAPLJEVINA IZ PROFILA KRILA VRATA (otvaranje unutra) DOOR LEAF WATER DRAINAGE (inwards opening)

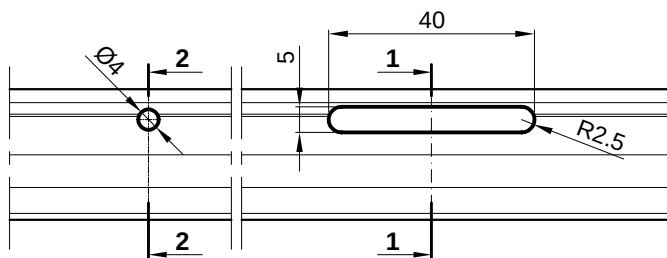
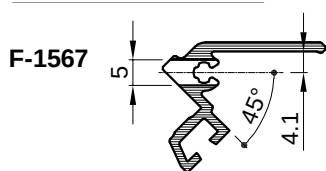


- Površine između profila krila vrata i okapnice, zbog propuštanja vode obavezno ispuniti ljepilom za metal, /npr. "Henkel" - Teroson MS 939 /.
- Because of water drainage, surfaces between door leaf and drip cap profile, must be filled with metal glue. /eg. "Henkel" - Teroson MS 939 /.

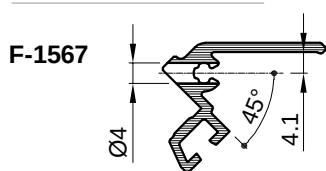


OBRADA NA PROFILU OKAPNICE F-1567 ZA ODVOD KAPLJEVINA IZ PROFILA KRILA VRATA I PRIHVAT VIJKA 433.019 PROCESSING ON DRIP CAP PROFILE F-1567 FOR WATER DRAINAGE ON DOOR LEAF PROFILE AND OF HOLES FOR SCREW 433.019

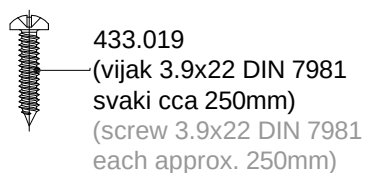
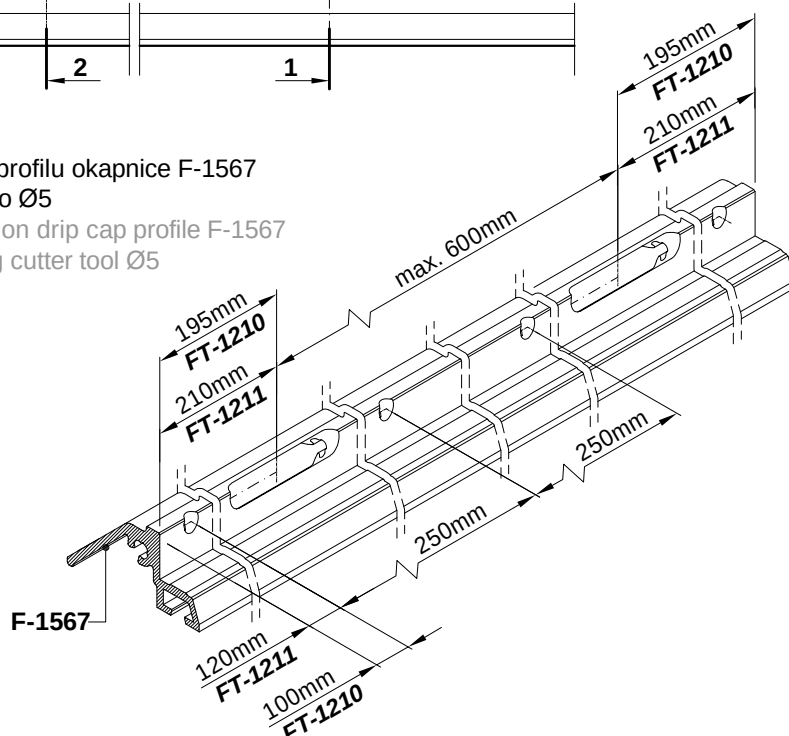
PRESJEK 1-1 CROSS SECTION 1-1



PRESJEK 2-2 CROSS SECTION 2-2

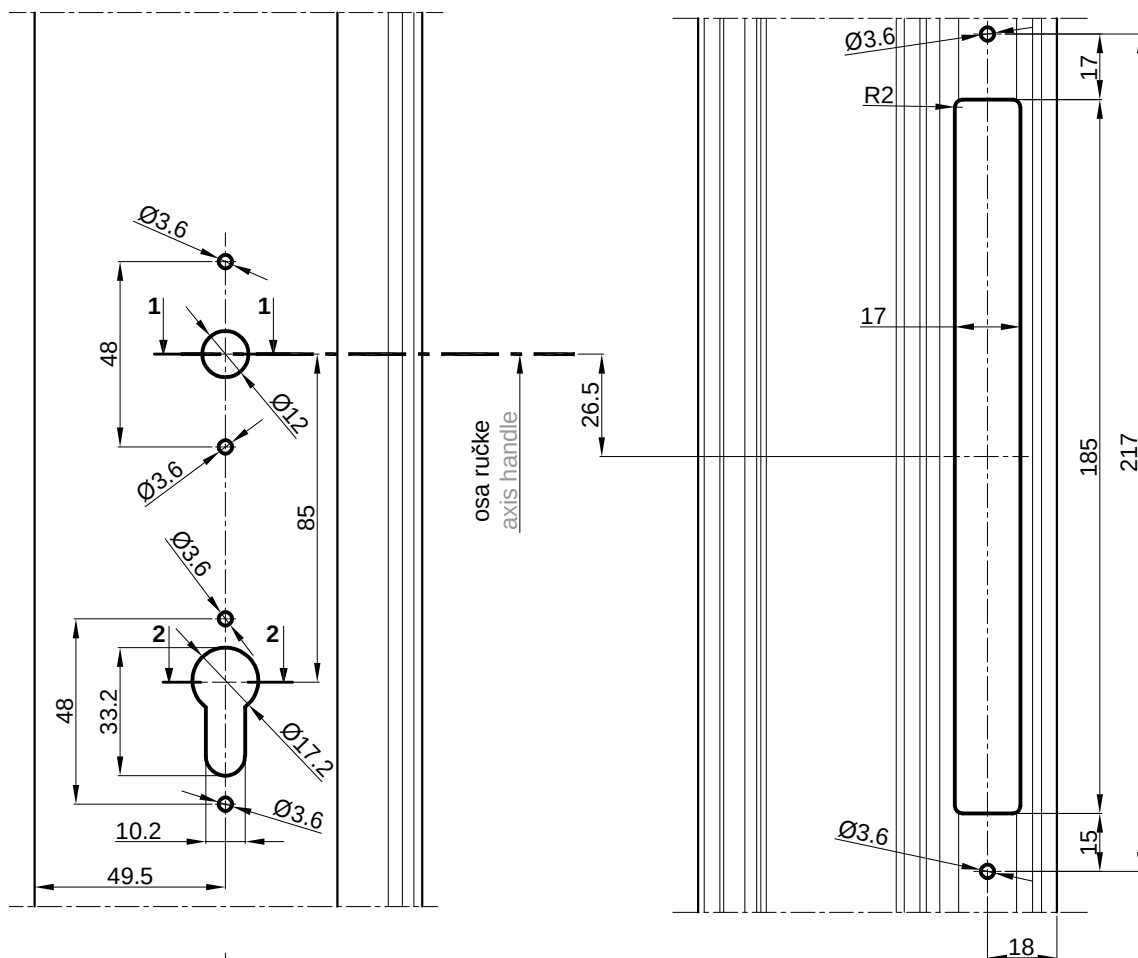


- Obrada na profilu okapnice F-1567
Alat: Glodalo Ø5
- Processing on drip cap profile F-1567
Tool: Milling cutter tool Ø5

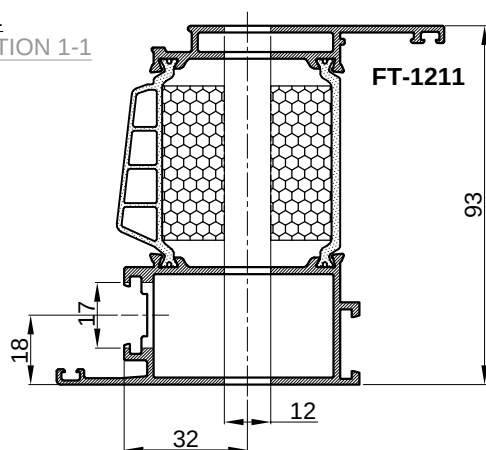


OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA BRAVU 124.001 I RUČKU 104.009 (Stublina)

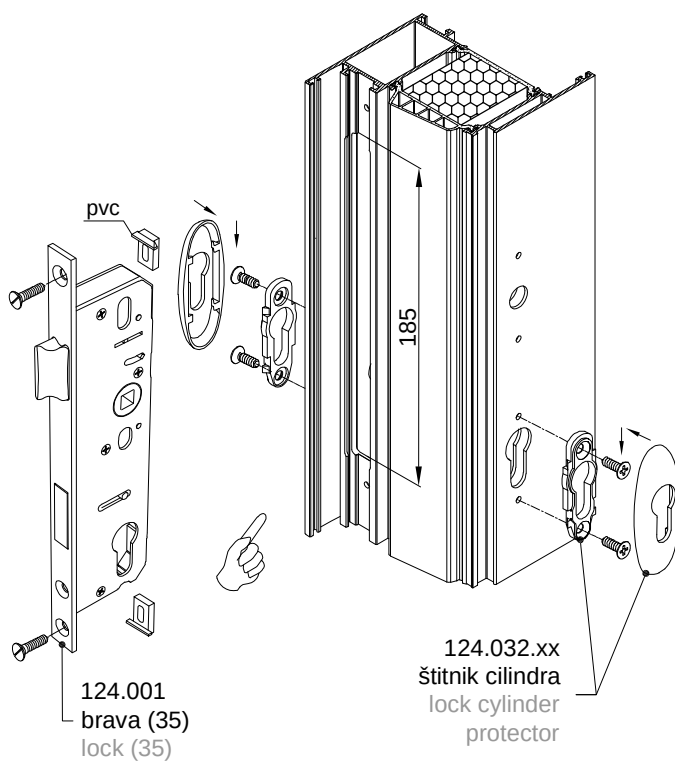
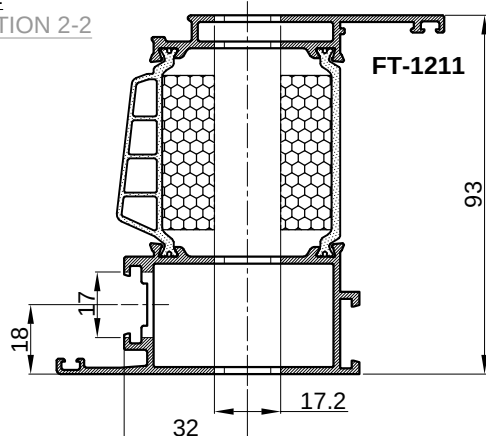
PROCESSING OF DOOR LEAF PROFILE (inwards opening) FOR LOCK 124.001 AND HANDLE 104.009 (Stublina)



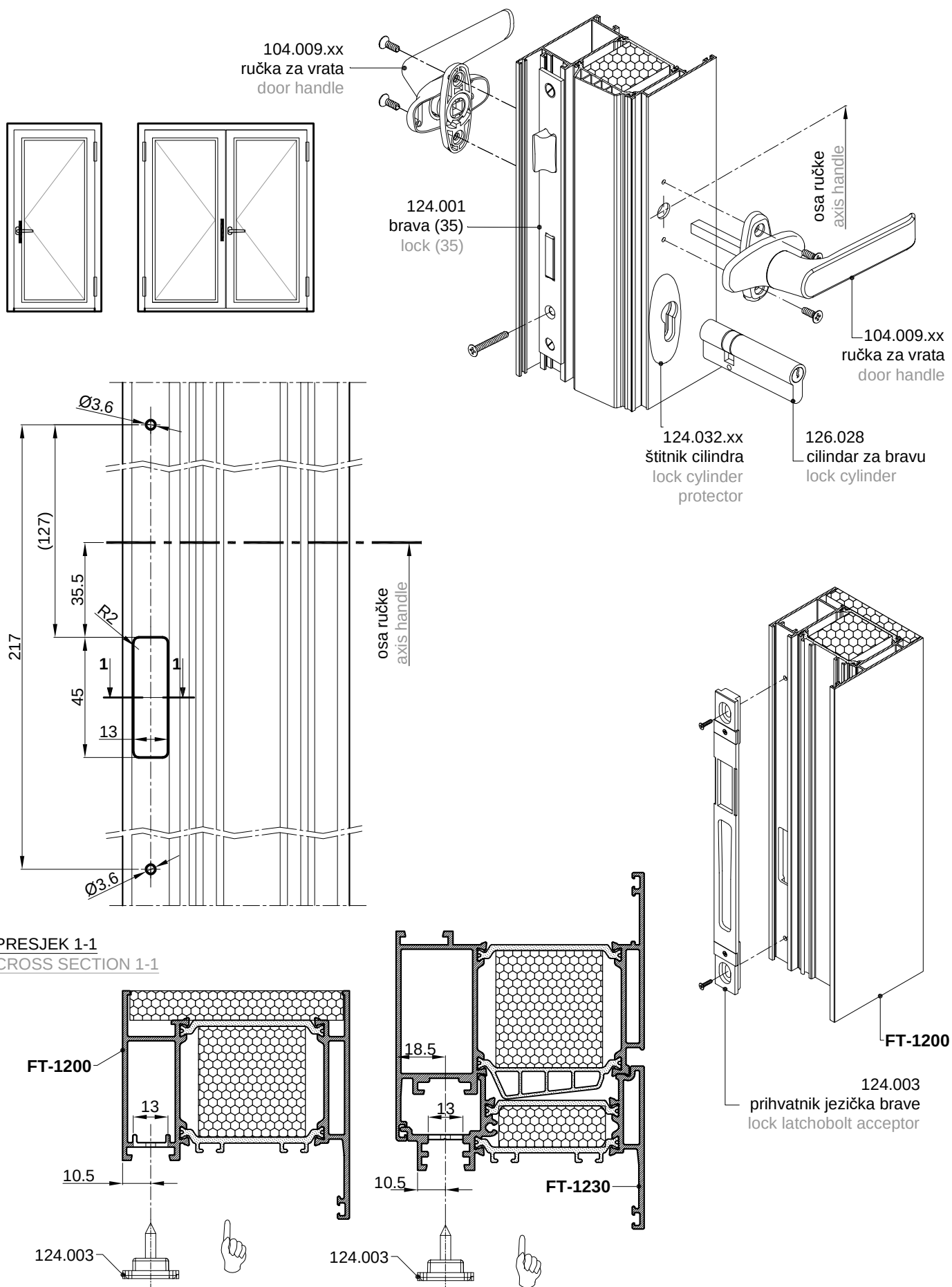
PRESJEK 1-1
CROSS SECTION 1-1



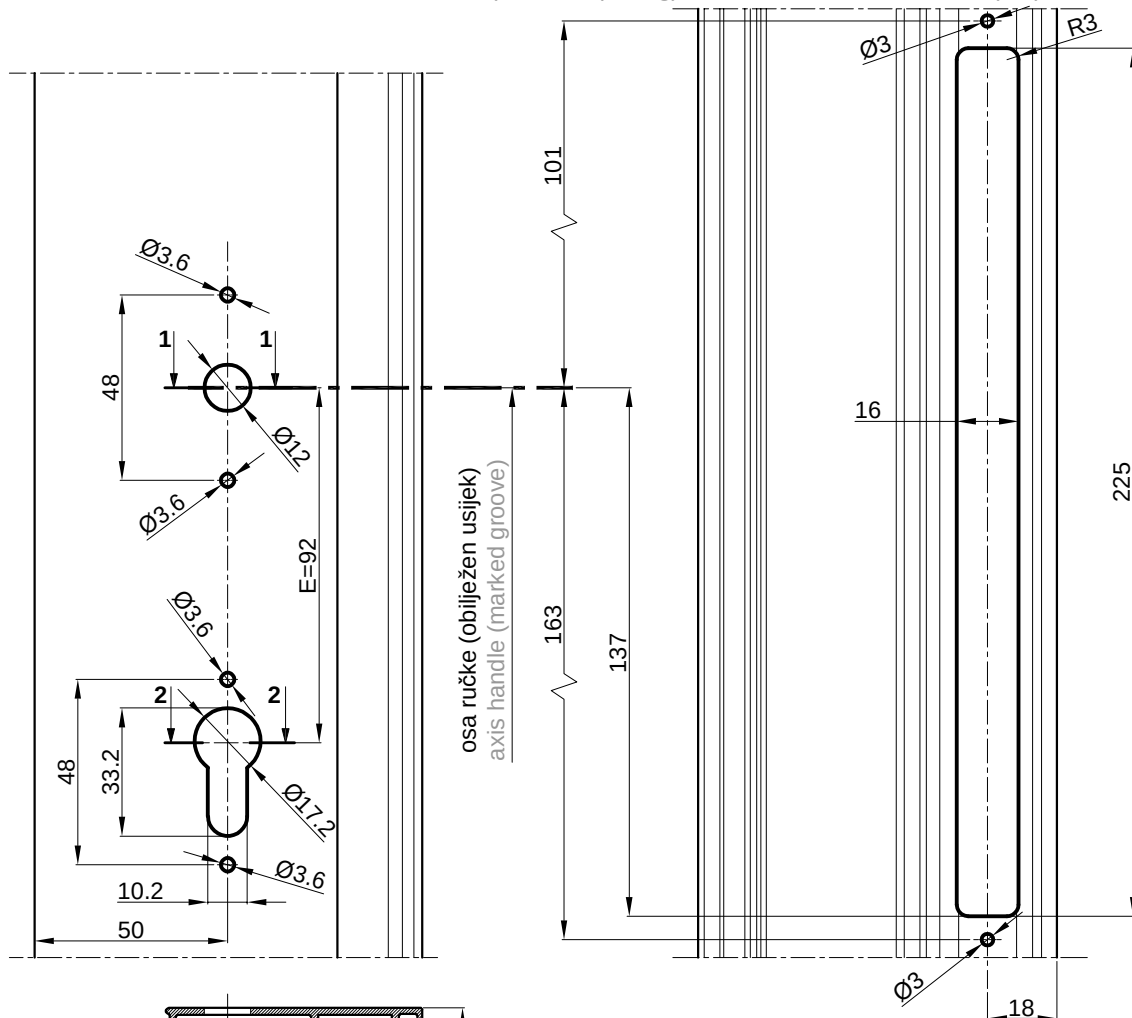
PRESJEK 2-2
CROSS SECTION 2-2



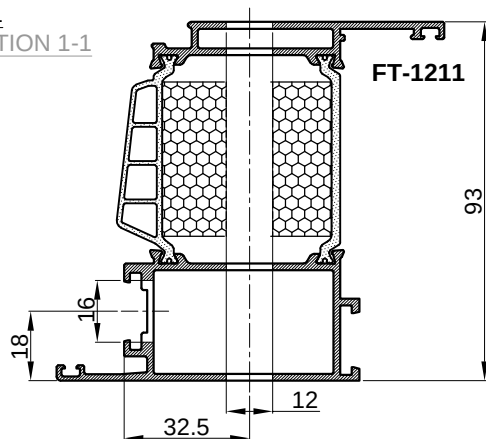
OBRADA PROFILA RAMA VRATA (otvaranje unutra) ZA PRIHVATNIK JEZIČKA BRAVE 124.003 (Stublina)
PROCESSING OF DOOR FRAME PROFILE (inwards opening) FOR LOCK LATCHBOLT ACCEPTOR 124.003 (Stublina)



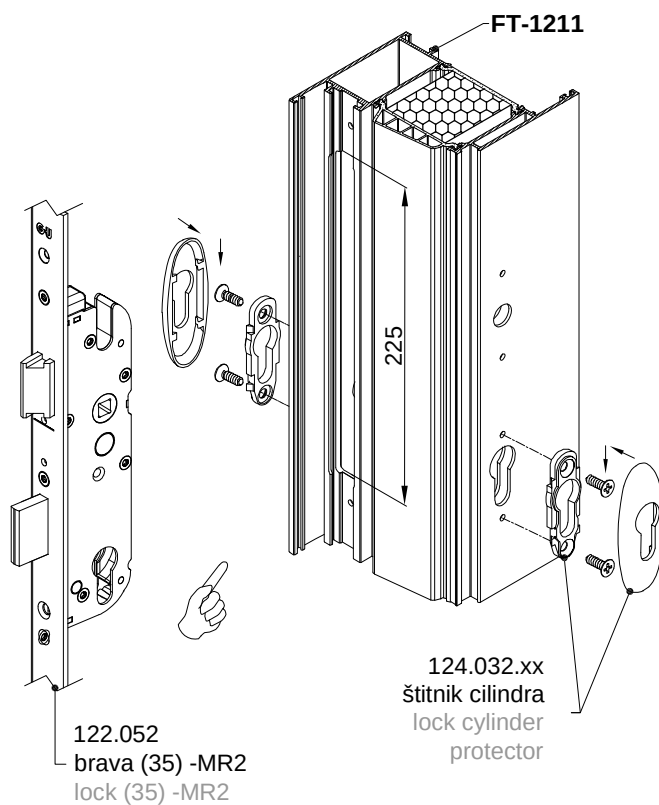
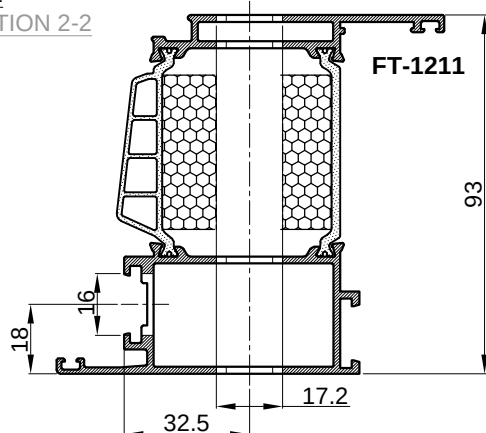
OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA KUTIJU BRAVE - 122.052 (GU)
PROCESSING OF DOOR LEAF PROFILE (inwards opening) FOR LOCK CASE - 122.052 (GU)



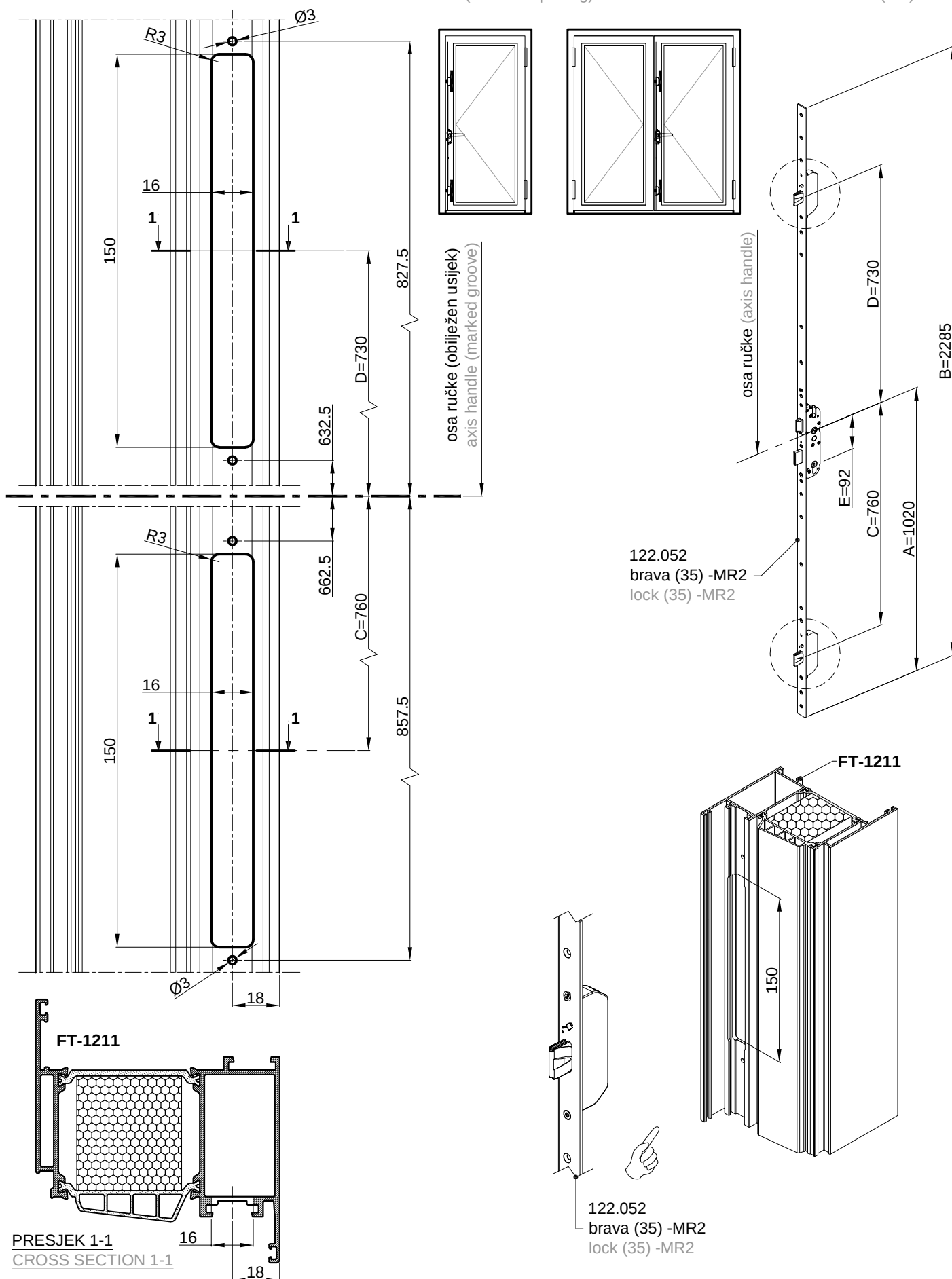
PRESJEK 1-1
CROSS SECTION 1-1



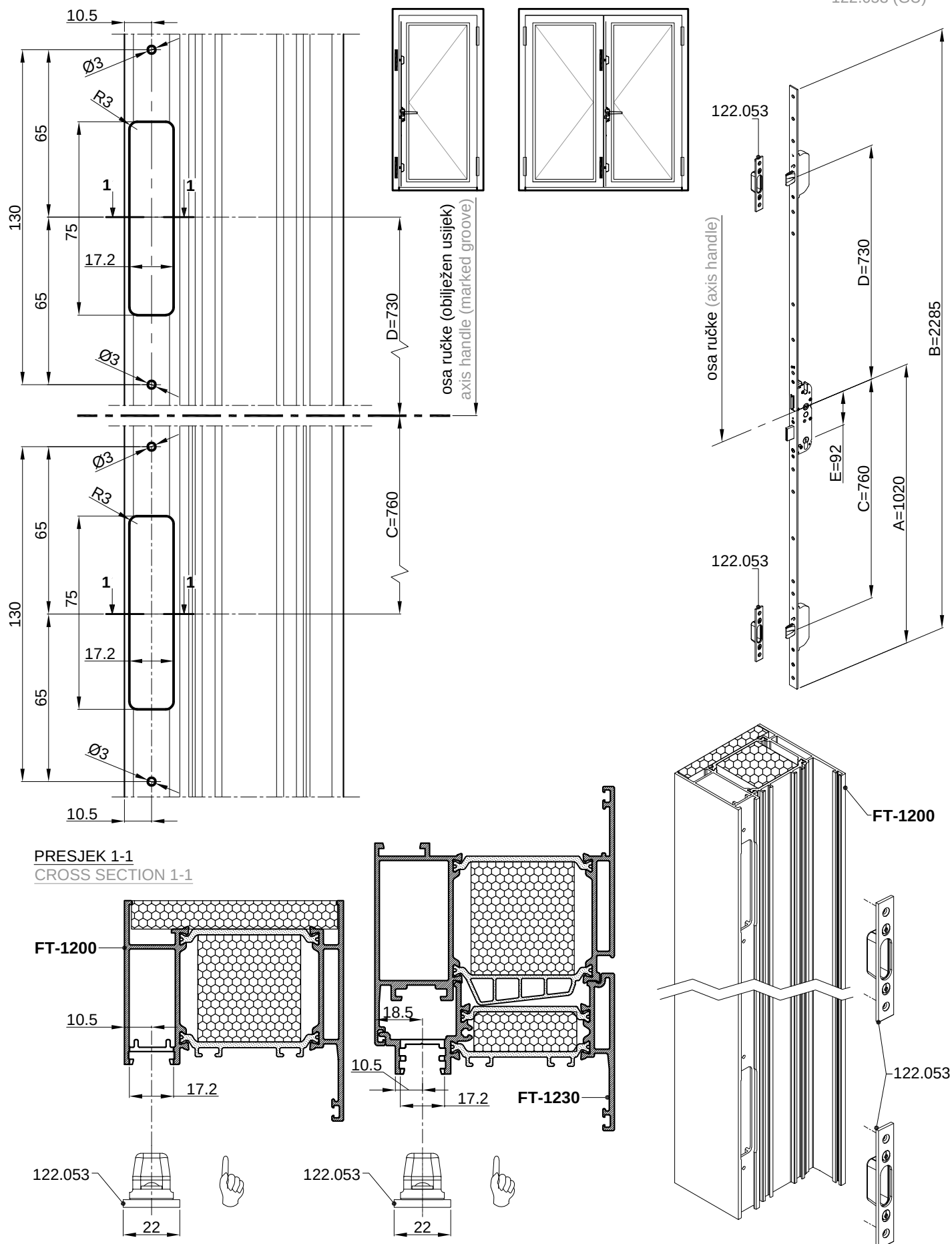
PRESJEK 2-2
CROSS SECTION 2-2



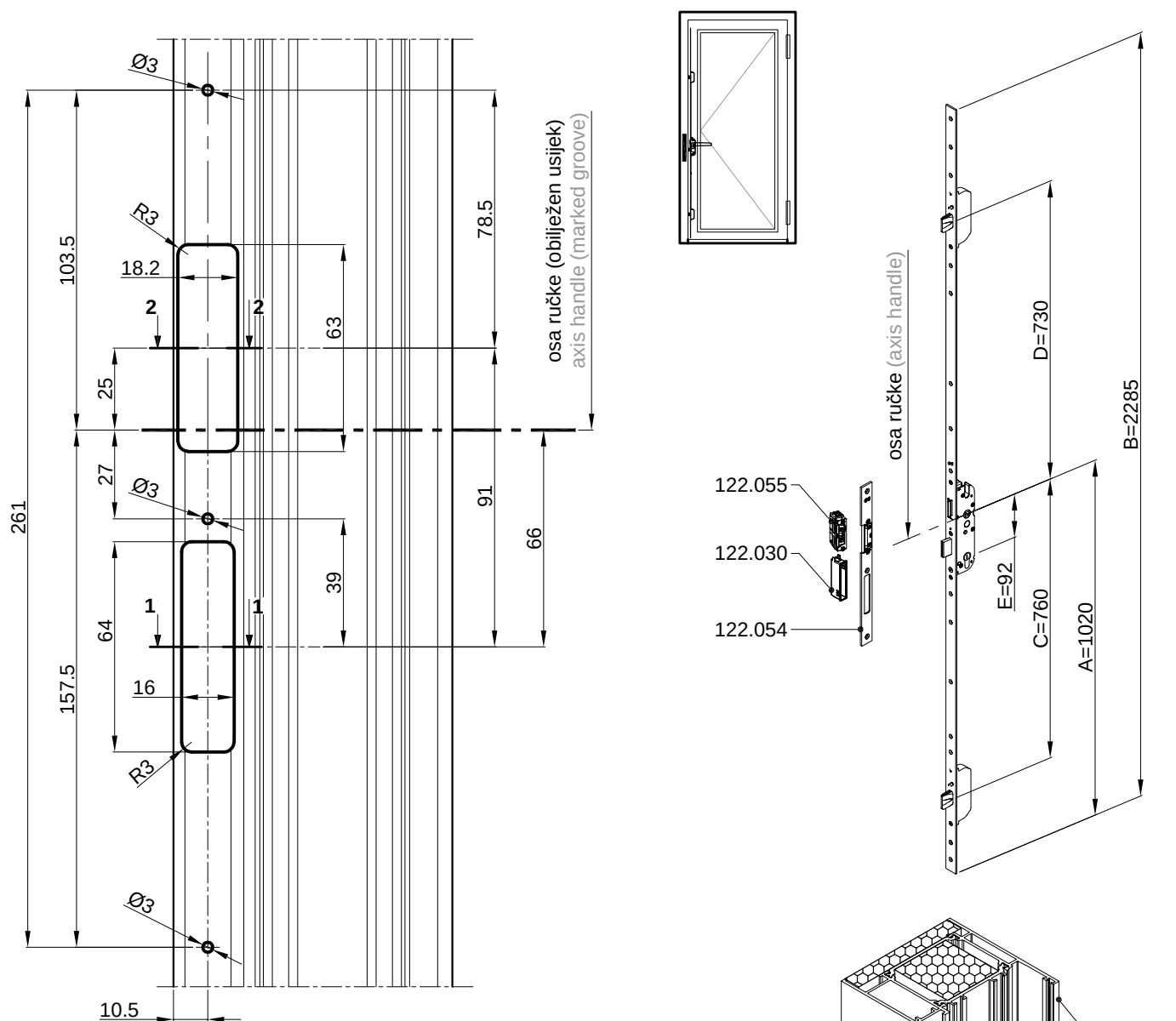
OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA KUTIJU MASIVNOG ZASUNA - 122.052 (GU) PROCESSING OF DOOR LEAF PROFILE (inwards opening) FOR MASSIVE BOLT CASE - 122.052 (GU)



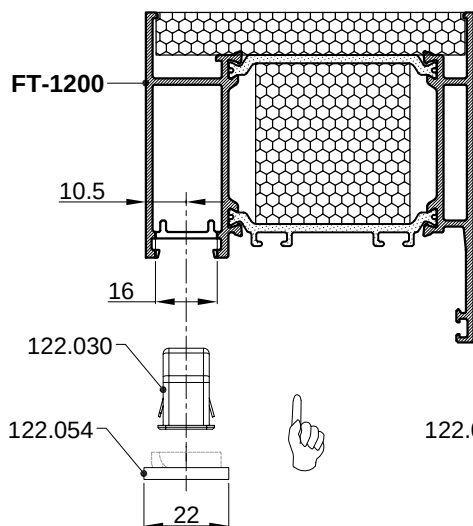
OBRADA PROFILA RAMA VRATA I PROFILA KOMBATUTE (otvaranje unutra) ZA PRIHVATNU PLOČICU 122.053 (GU)
PROCESSING OF DOOR FRAME PROFILE AND FLYING MULLION PROFILE (inwards opening) FOR STRIKING PLATE
122.053 (GU)



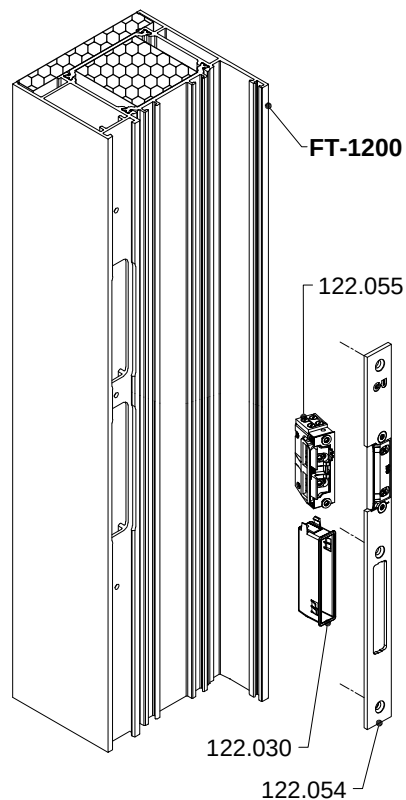
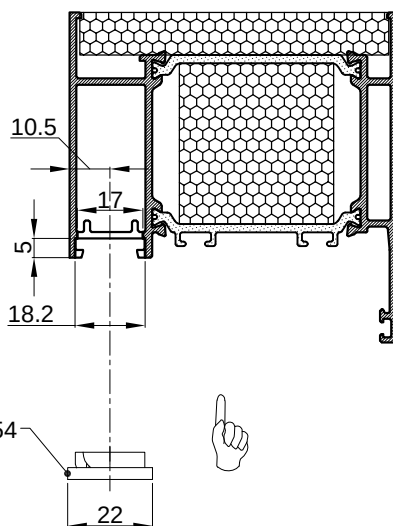
OBRADA PROFILA RAMA VRATA (otvaranje unutra) ZA PRIHVATNI LIM 122.054 (GU)
PROCESSING OF DOOR FRAME PROFILE (inwards opening) FOR STRIKING PLATE 122.054 (GU)



PRESJEK 1-1
CROSS SECTION 1-1

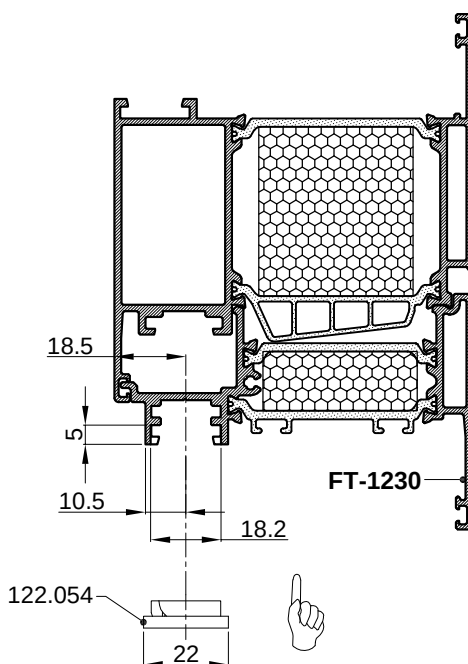
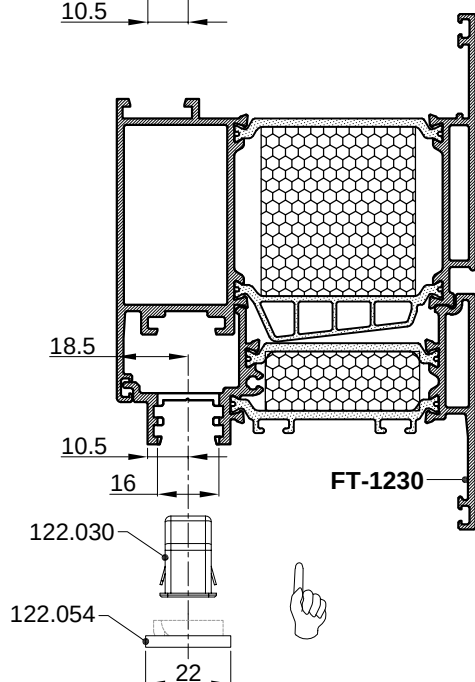
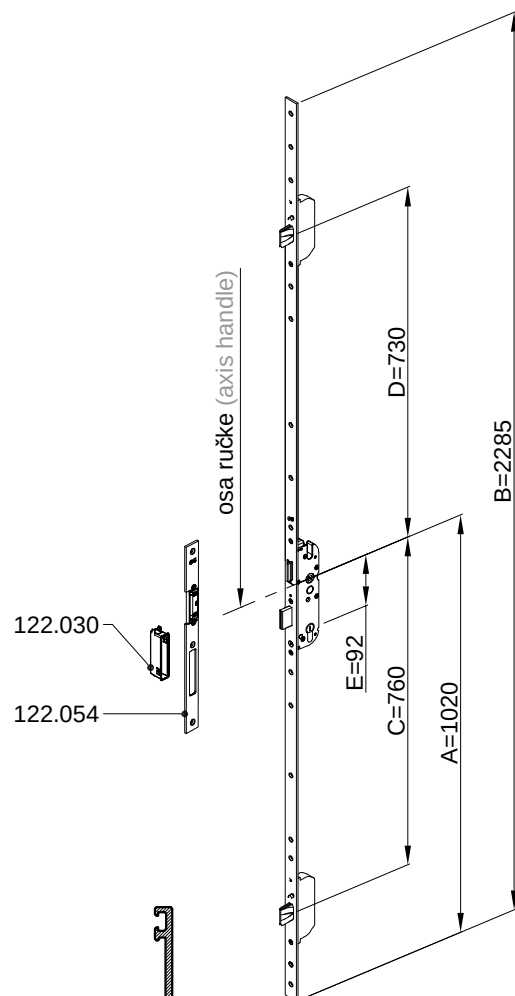
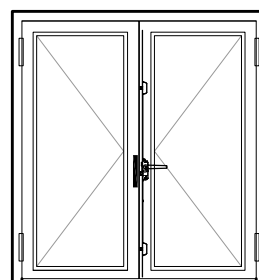
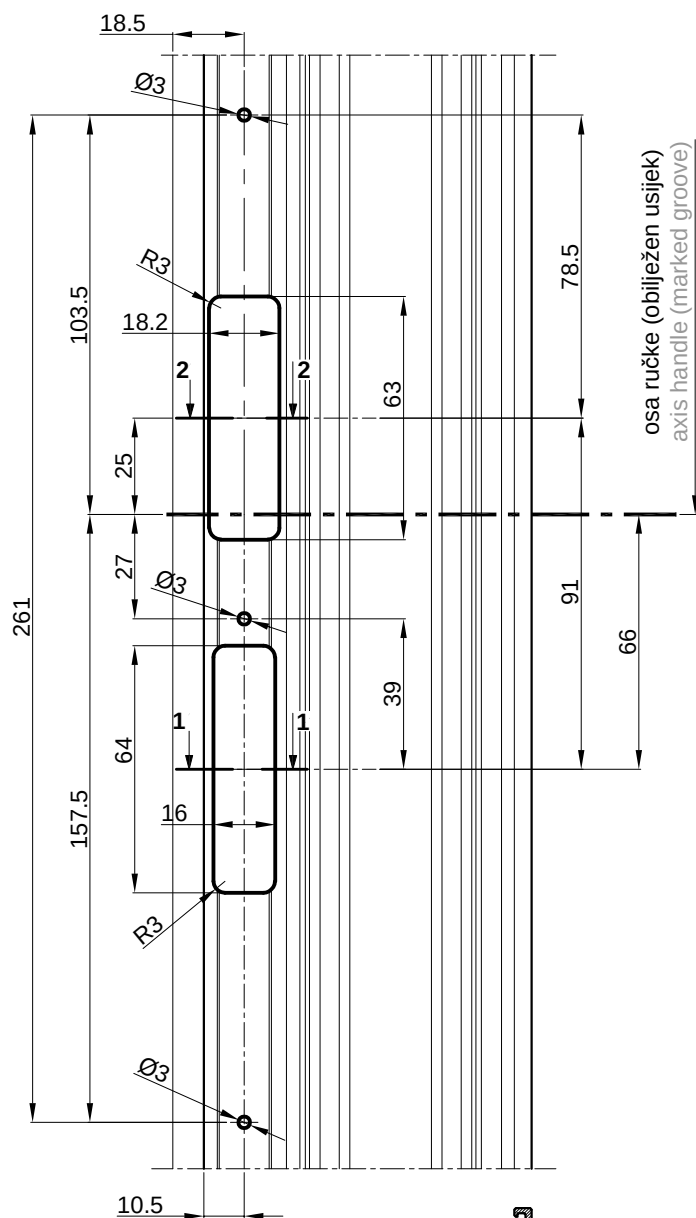


PRESJEK 2-2
CROSS SECTION 2-2

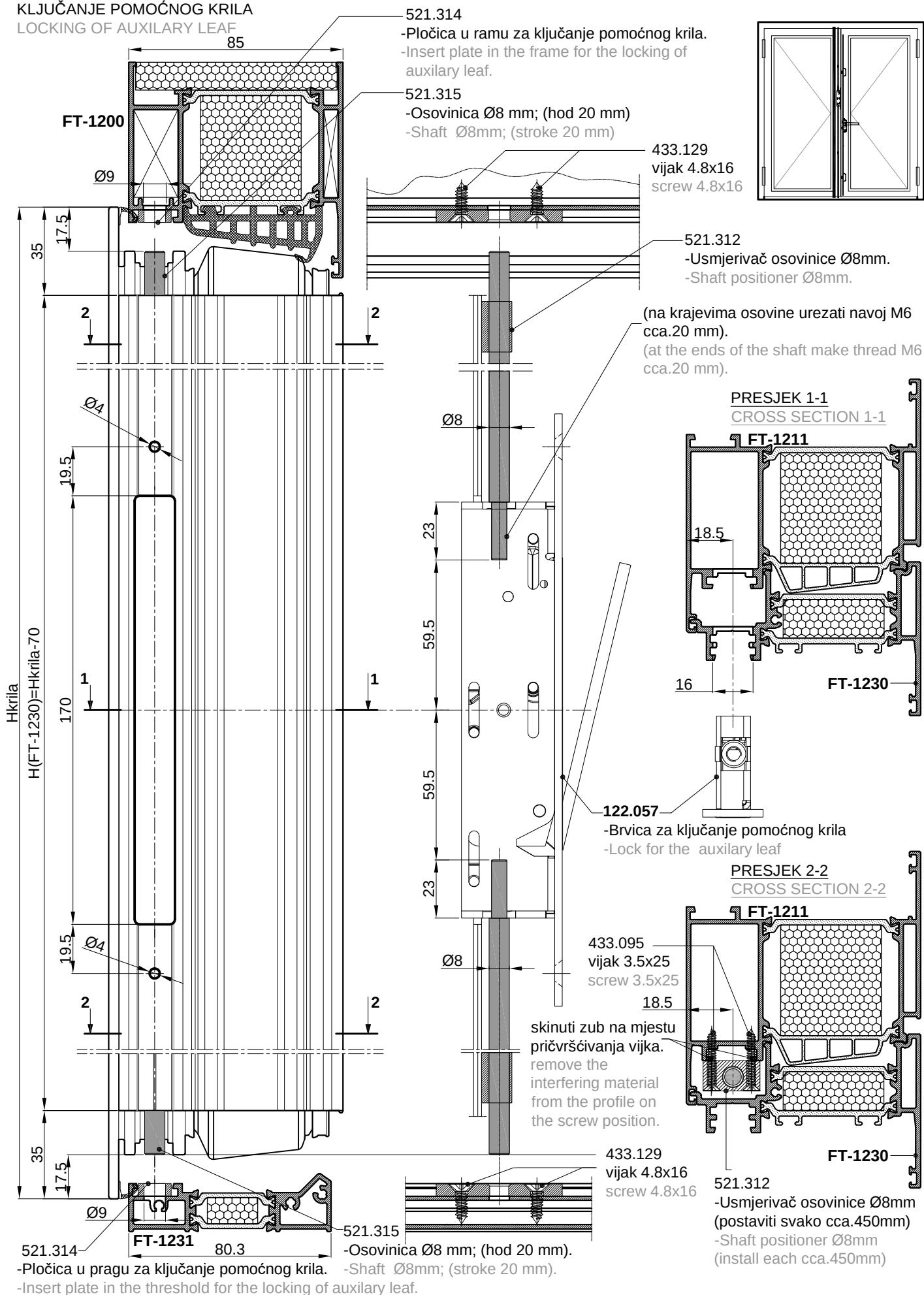


OBRADA PROFILA KOMBATUTE VRATA (otvaranje unutra) ZA PRIHVATNI LIM 122.054 (GU)

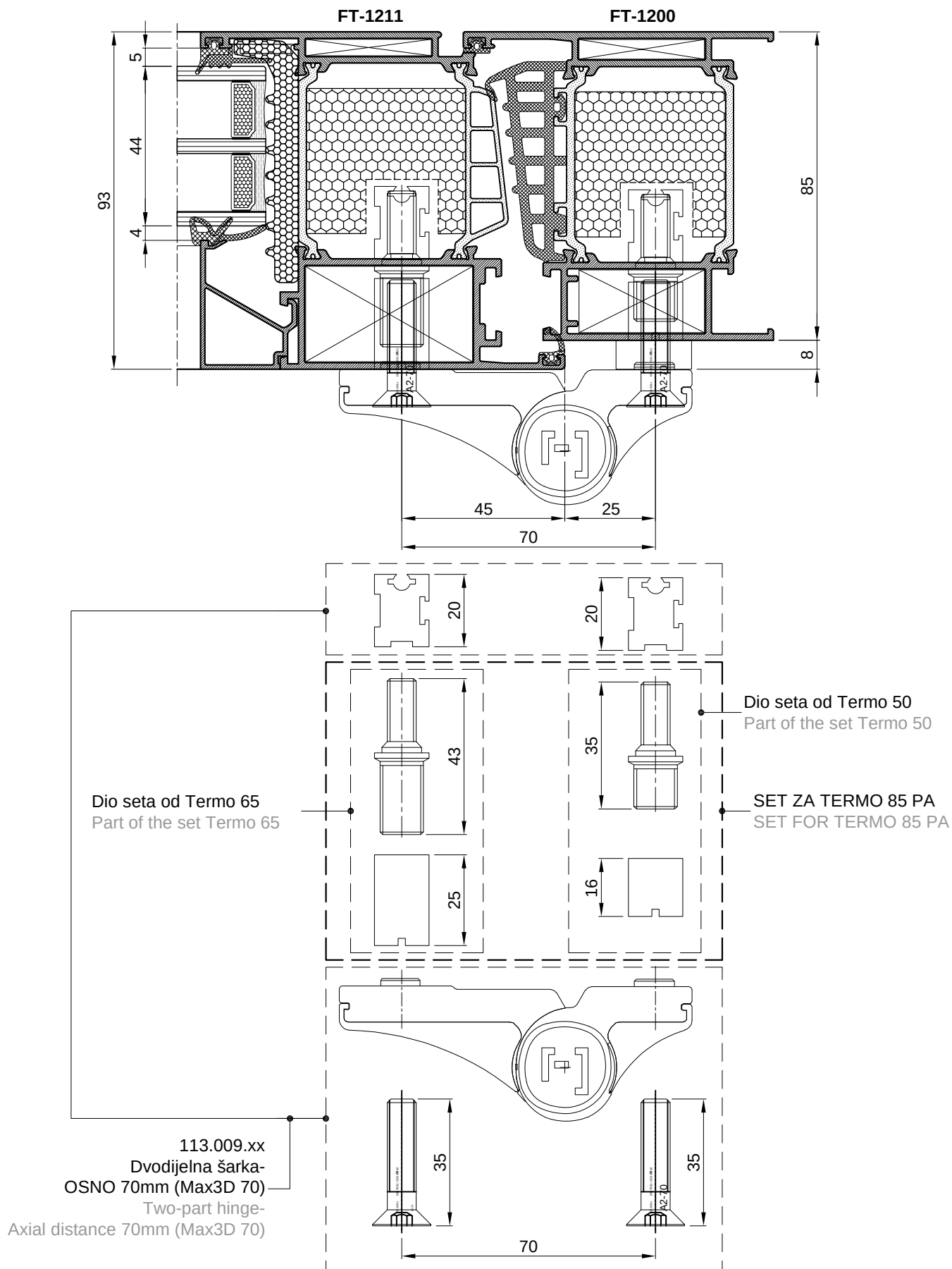
PROCESSING OF DOOR FLYING MULLION PROFILE (inwards opening) FOR STRIKING PLATE 122.054 (GU)



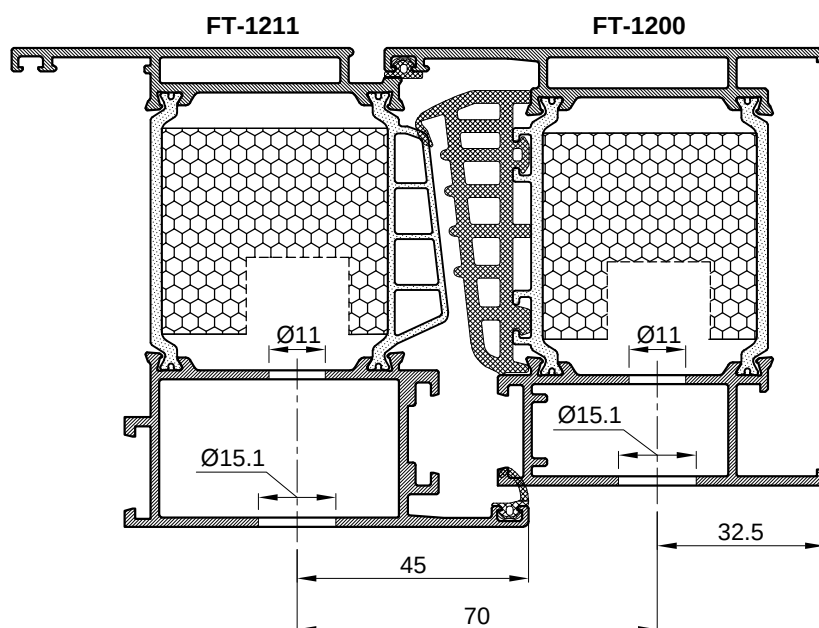
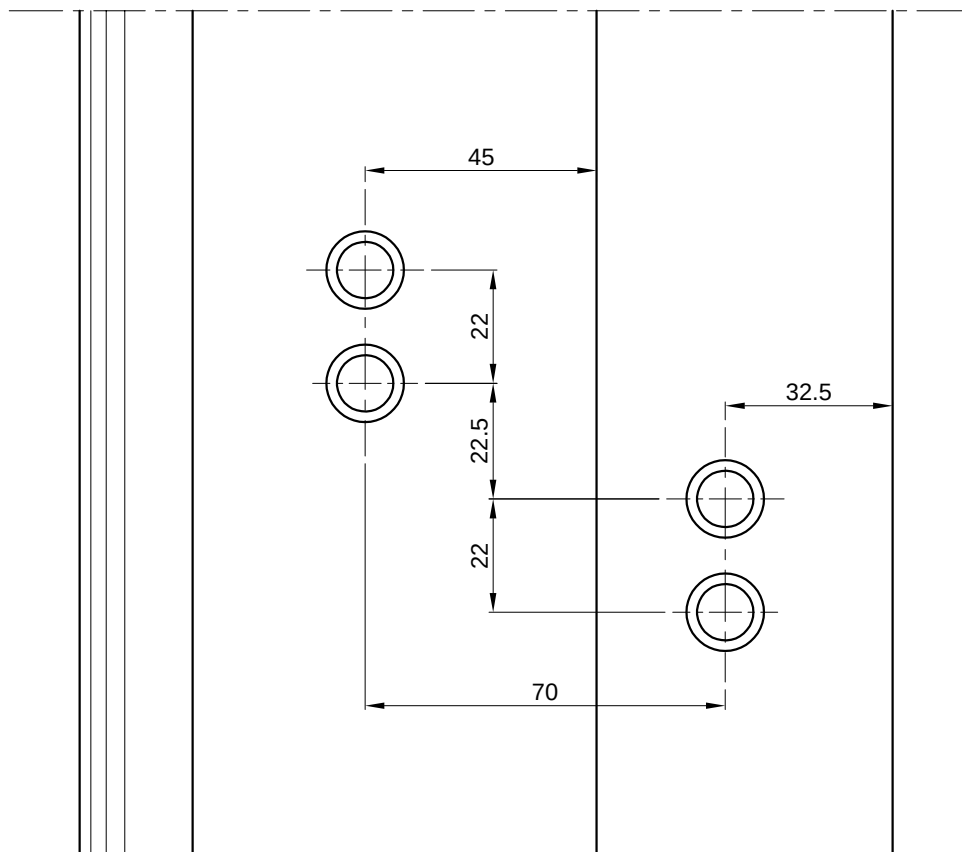
KLJUČANJE POMOĆNOG KRILA LOCKING OF AUXILIARY LEAF

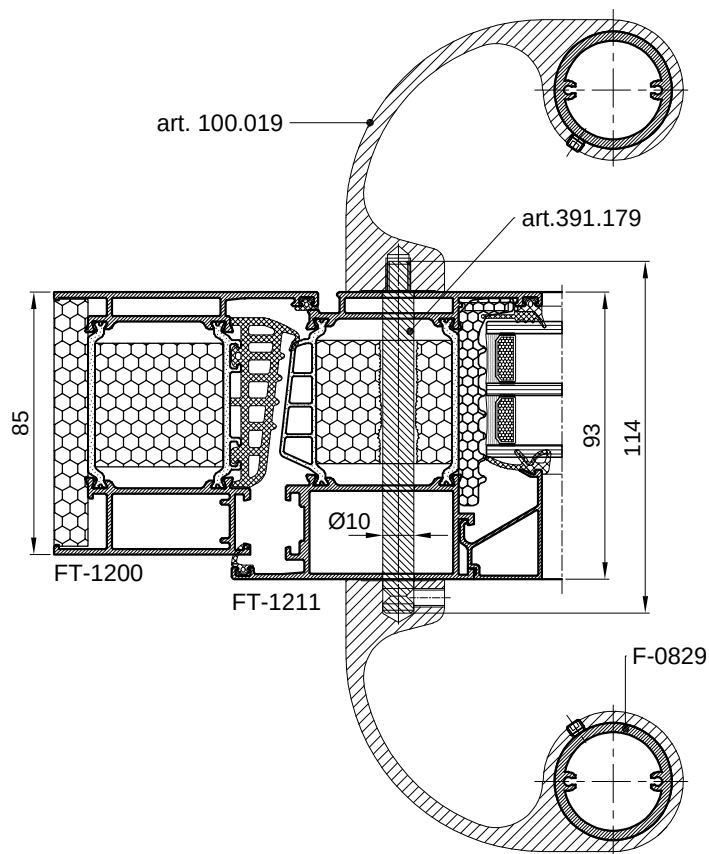
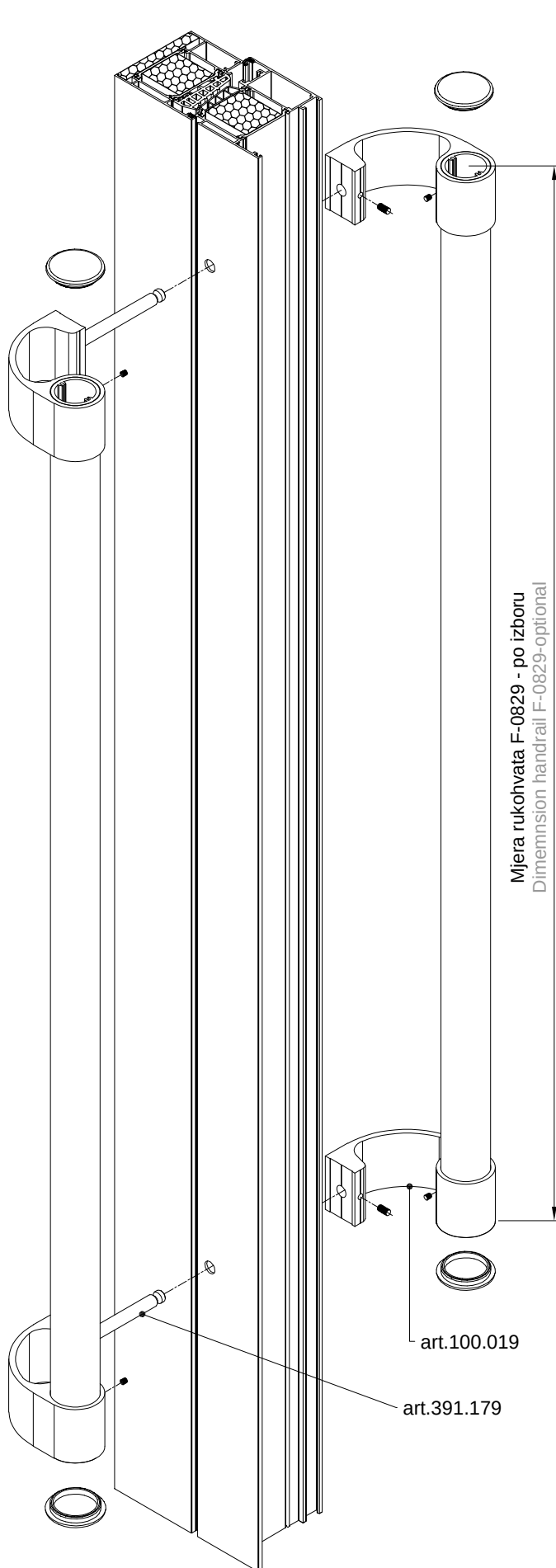


SET USADNIH BAGLAMA - OSNO 70 mm, OTVARANJE UNUTRA SET OF SCREW-IN HINGES - AXIAL DISTANCE 70 mm, INWARDS OPENING

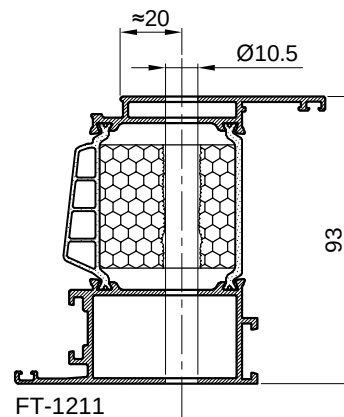


OBRADA ZA SET USADNIH BAGLAMA - OSNO 70 mm, OTVARANJE UNUTRA PROCESSING OF SCREW-IN HINGES - AXIAL DISTANCE 70 mm, INWARDS OPENING

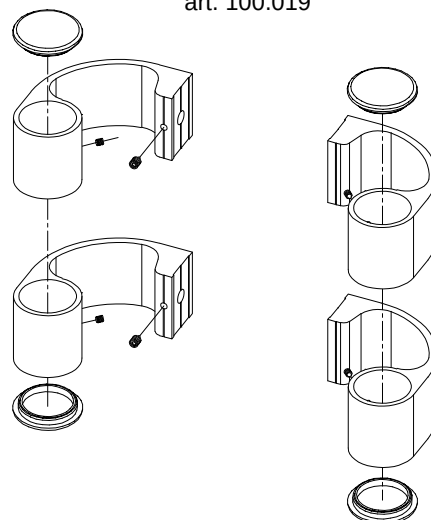




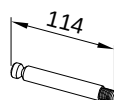
OBRADA PROFILA KRILA SASH PROFILE PROCESSING



art. 100.019



art. 391.179

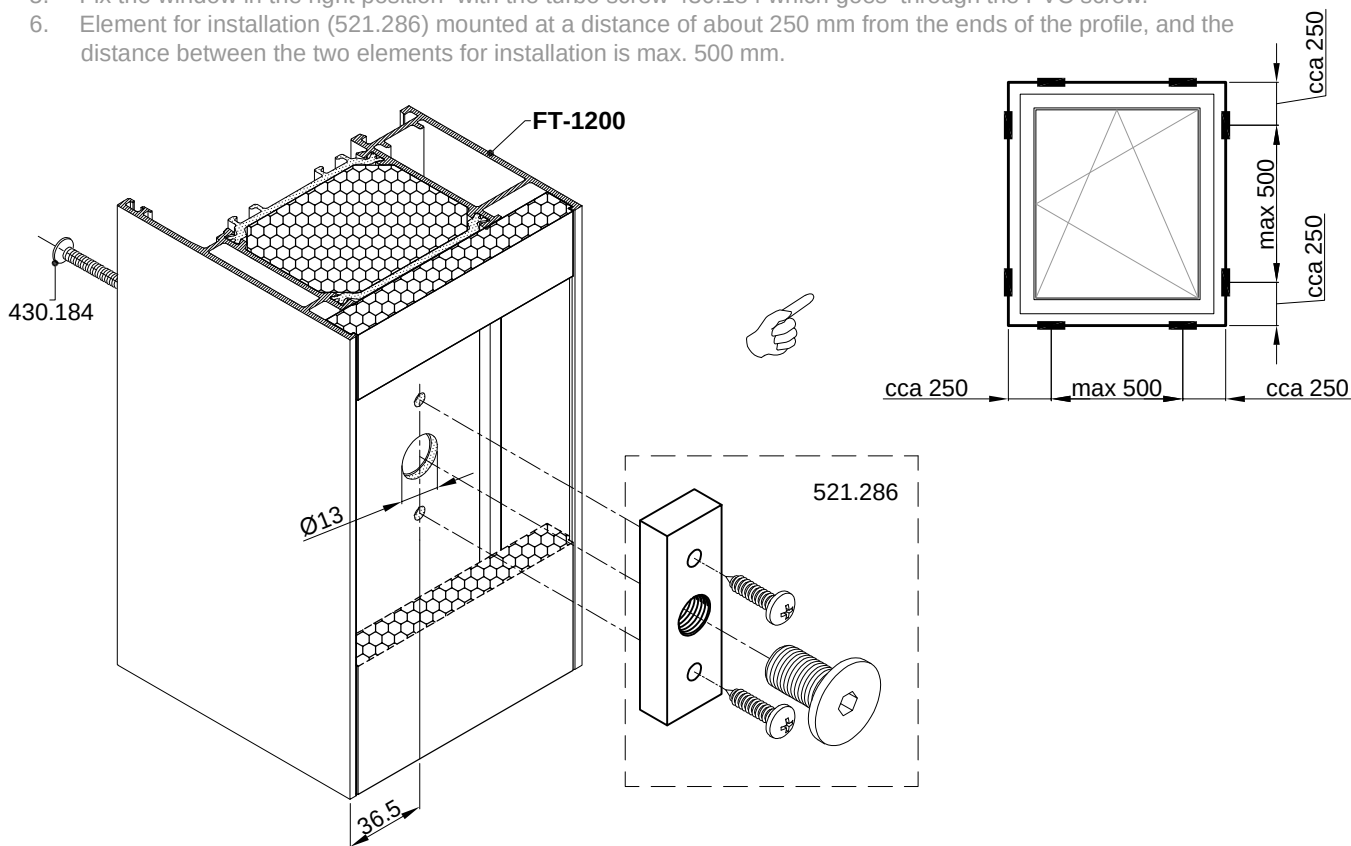


MONTAŽA ELEMENTA ZA UGRADNJU

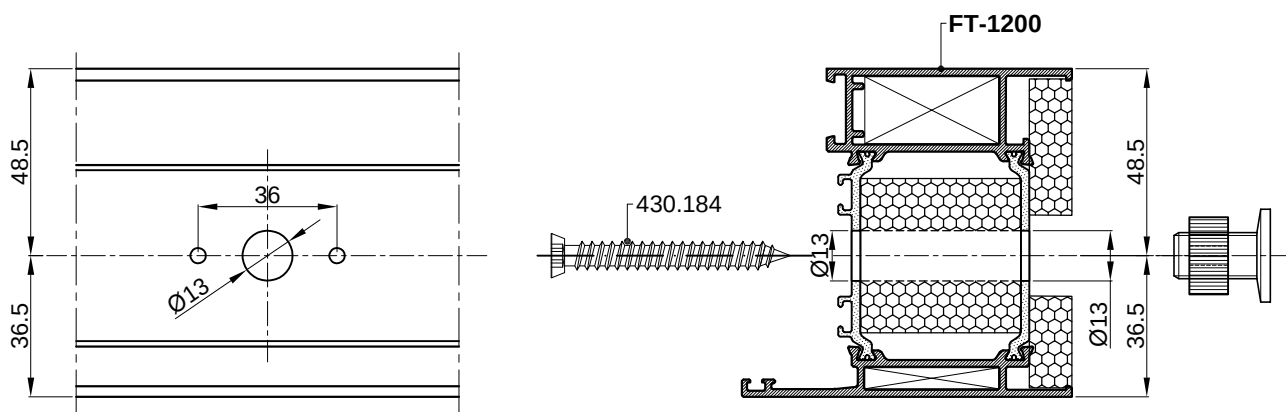
1. Na profilu rama, kroz oba poliamida probušiti rupu $\varnothing 13$ mm na udaljenosti 36.5mm od kraja vanjske strane profila.
2. PVC vijak sa pločicom dovesti u osu otvora $\varnothing 13$ mm
3. Pločicu pričvrstiti za poliamid vijcima 4.8x22 /DIN 7981/
4. Imbus ključem 6 mm, sa unutarnje strane profila rama, kroz otvor $\varnothing 13$ mm zaokretanjem PVC vijka dovesti prozor u ispravan položaj
5. Fiksirati položaj prozora turbo vijkom 430.184 kroz PVC vijak,
6. Element za ugradnju (521.286) montirati na udaljenosti cca 250 mm od krajeva profila rama, a razmak između 2 elementa za ugradnju je max. 500 mm.

MONTAGE OF INSTALLATION ELEMENTS

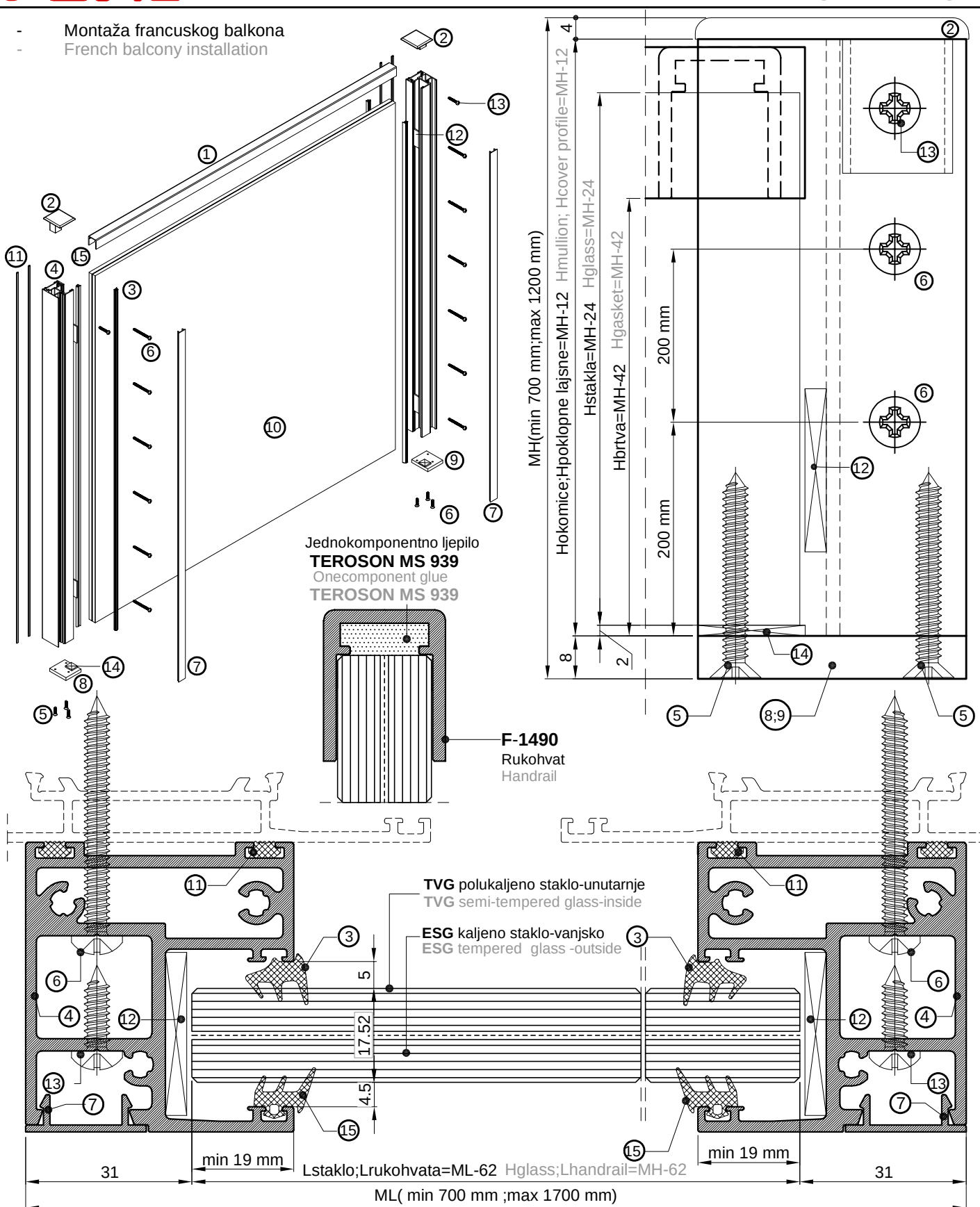
1. On the frame profile, drill $\varnothing 13$ mm hole through the both polyamid strips with 36.5 mm distance from the exterior edge of the profile
2. Position the PVC screw with a plate on the $\varnothing 13$ mm hole
3. Fasten the plate on the exterior polyamide strip with screws 4.8x22 /DIN 7981/
4. Rotate the PVC screw from the interior side of frame profile with Allen key 6 mm through $\varnothing 13$ mm hole to bring the window into the right position
5. Fix the window in the right position with the turbo screw 430.184 which goes through the PVC screw.
6. Element for installation (521.286) mounted at a distance of about 250 mm from the ends of the profile, and the distance between the two elements for installation is max. 500 mm.



OBRADA PROFILA RAMA ZA SMJEŠTAJ ELEMENTA ZA UGRADNJU 521.286 PROCESSING OF THE FRAME FOR INSTALLATION ELEMENTS 521.286



- Montaža francuskog balkona
- French balcony installation



- 1 - profil rukohvata F-1490
- 1 - handrail profile F-1490
- 2 - PVC čep 373.054
- 2 - PVC cover cap 373.054
- 3 - brtva 311.007
- 3 - gasket 311.007
- 4 - profil okomice F-1569
- 4 - french balcony profile F-1569

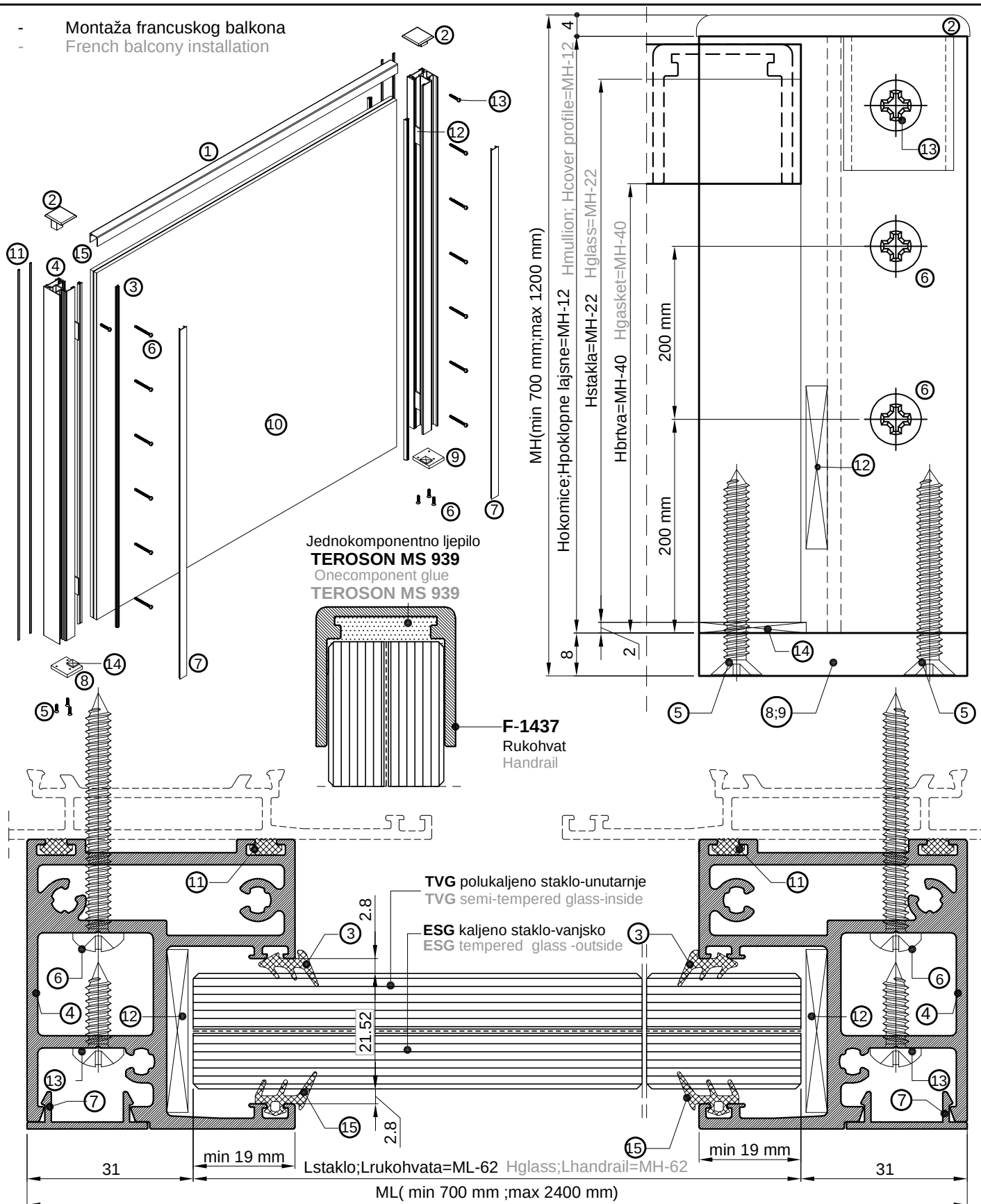
- 5 - 433.134 (6 komada)
- 5 - 433.134 (6 pieces)
- 6 - 433.048 (svakih 200 mm)
- 6 - 433.048 (every 200 mm)
- 7 - poklopna lajsna F-0826
- 7 - cover profile F-0826
- 8 - nosiva pločica lijeva 391.148
- 8 - glass support left 391.148

- 9 - nosiva pločica desna 391.149
- 9 - glass support right 391.149
- 10 - staklo 88.4 VSG (TVG+ESG)
- 10 - glass 88.4 VSG (TVG+ESG)
- 11 - brtva 340.055
- 11 - gasket 340.055
- 12 - PVC distancer 100x30x4 mm*
- 12 - PVC packer 100x30x4 mm*

- 13 - 433.042 (za PVC čep)
- 13 - 433.042 (for PVC cover cap)
- 14 - PVC distancer 20x20x2 mm*
- 14 - PVC packer 20x20x2 mm*
- 15 - brtva 321.003
- 15 - gasket 321.003

*- ne prodaje FEAL
*- not sold by FEAL

- Montaža francuskog balkona
- French balcony installation



- 1 - profil rukohvata F-1437
- 1 - handrail profile F-1437
- 2 - PVC čep 373.054
- 2 - PVC cover cap 373.054
- 3 - brtva 311.001
- 3 - gasket 311.001
- 4 - profil okomice F-1569
- 4 - french balcony profile F-1569

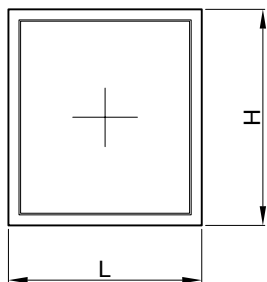
- 5 - 433.134 (6 komada)
- 5 - 433.134 (6 pieces)
- 6 - 433.048 (svakih 200 mm)
- 6 - 433.048 (every 200 mm)
- 7 - poklopna lajsna F-0826
- 7 - cover profile F-0826
- 8 - nosiva pločica lijeva 391.148
- 8 - glass support left 391.148

- 9 - nosiva pločica desna 391.149
9 - glass support right 391.149
10 - staklo 1010.4 VSG (TVG+ESG)
10 - glass 1010.4 VSG (TVG+ESG)
11 - brtva 340.055
11 - gasket 340.055
12 - PVC distancer 100x30x4 mm*
12 - PVC packer 100x30x4 mm*

- 13 - 433.042 (za PVC čep)
13 - 433.042 (for PVC cover cap)
14 - PVC distancer 20x20x2 mm*
14 - PVC packer 20x20x2 mm*
15 - brtva 321.002
15 - gasket 321.002

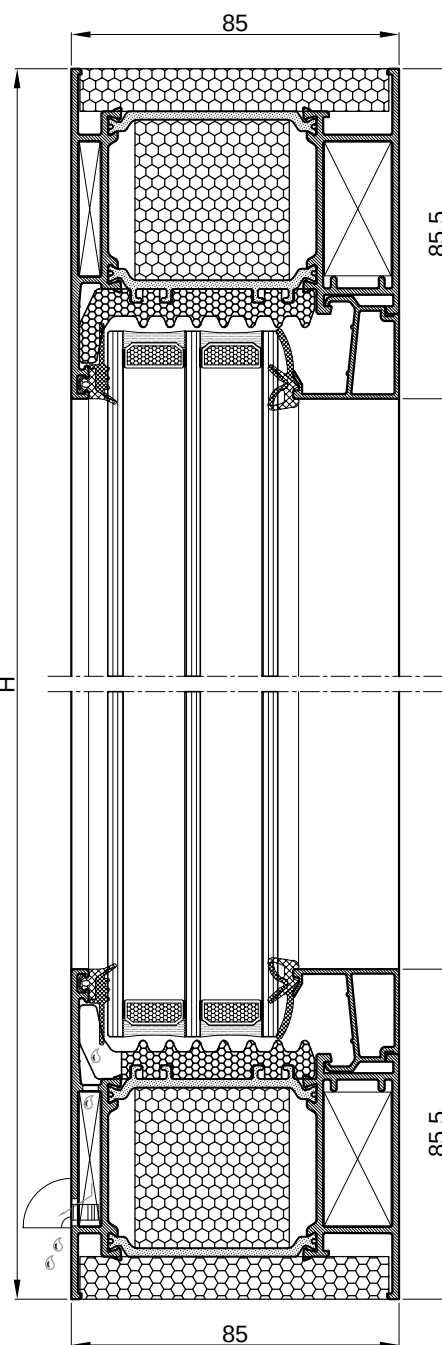
*- ne prodaje FEAL
*- not sold by FEAL

Rezne liste Cutting lists

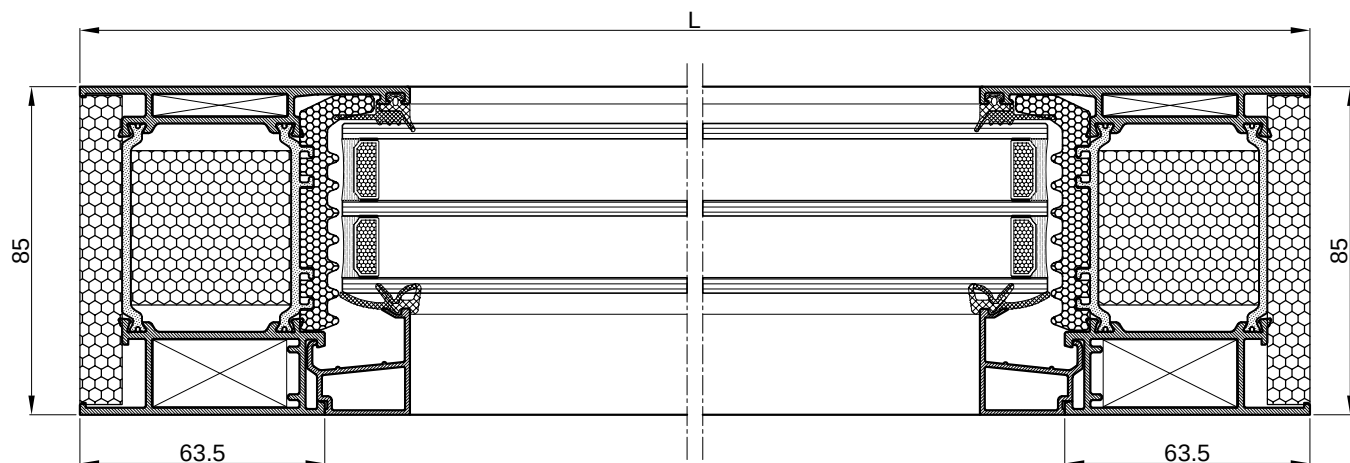


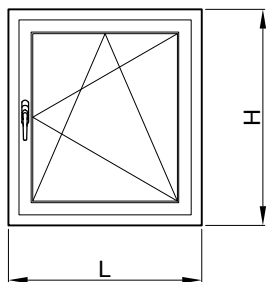
Rezna lista Cutting list

Ram Frame : FT-1200



PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	2	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-45
F-1575	hor.st.lajsna	hor.glas bead	2	L -127	90-90
F-1575	vert.st.lajsna	vert.glas bead	2	H -171	90-90
OKOVI HARDWARE					kom. pcs.
710.409	kutna spojnica okvira	frame corner bracket			4
710.408	kutna spojnica okvira	frame corner bracket			4
730.001	kutna spojnica okvira	frame corner bracket			4
370.070	maska za drenažni otvor	drainage slot mask			2
BRTVE GASKETS				mjera dimension	kom. pcs.
327.001	brtva prema staklu	glazing gasket		2L+2H	
317.001	brtva prema staklu	glazing gasket		2L+2H	
ISPUNA PO OPSEGU STAKLA INSULATION AROUND THE GLASS				mjera dimension	kom. pcs.
340.143	Izolacijski umetak	insulation		2L+2H	1
STAKLO GLASS				mjera dimension	kom. pcs.
44mm				L -136 x H -136	1

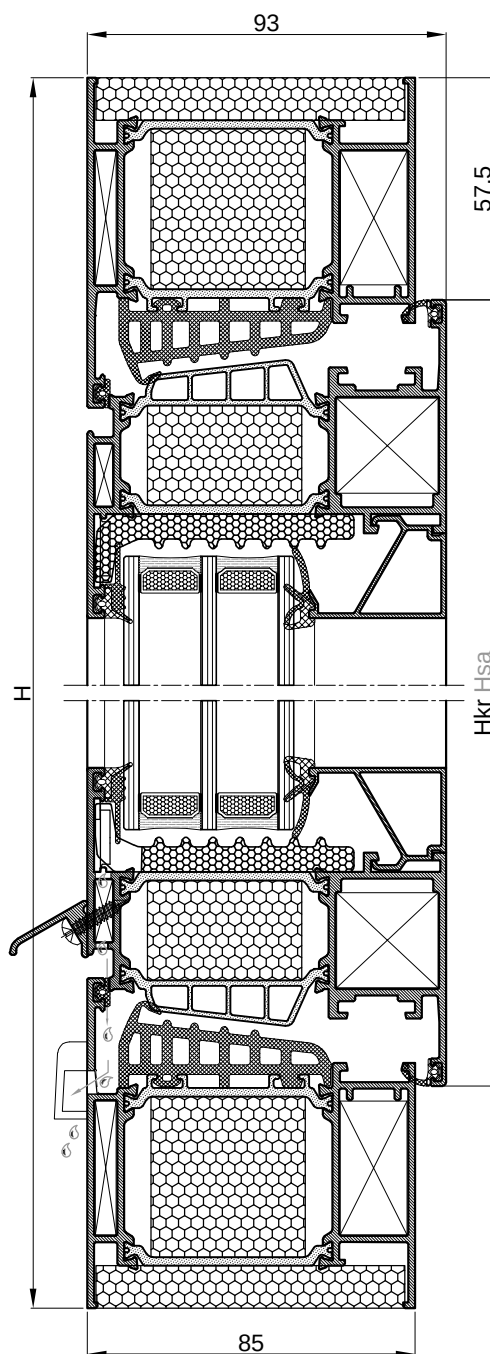




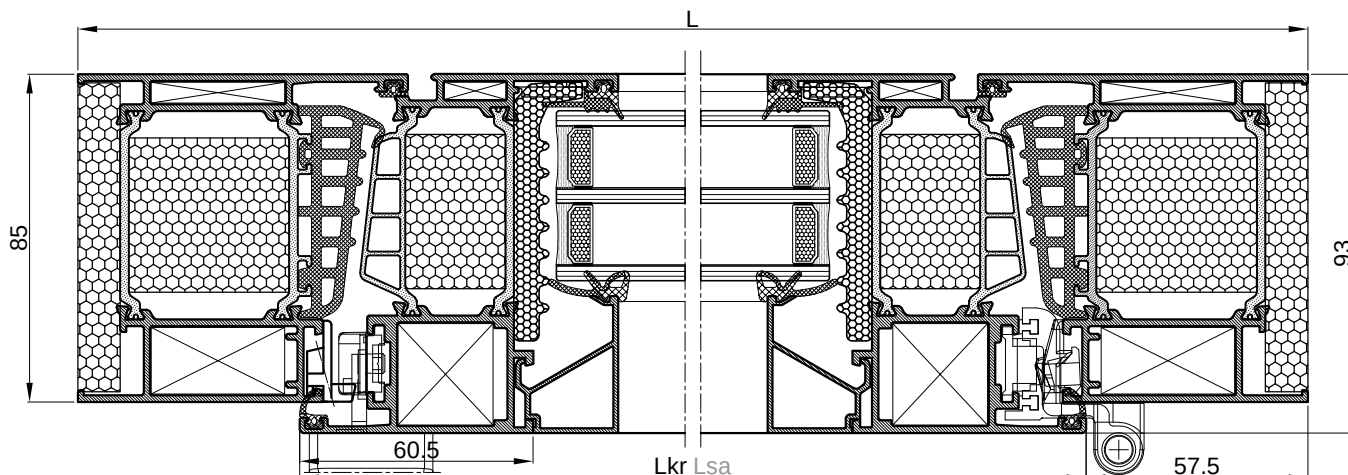
Rezna lista Cutting list

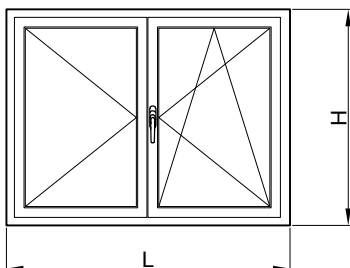
Ram Frame : FT-1200

Krilo Sash: FT-1210



PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	2	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-45
FT-1210	hor.krila	hor.sash	2	Lkr Lsa=L-115	45-45
FT-1210	vert.krila	vert.sash	2	Hkr Hsa=H-115	45-45
Z40-669/P	hor.st.lajsna	hor.glas bead	2	Lkr Lsa -121	90-90
Z40-669/P	vert.st.lajsna	vert.glas bead	2	Hkr Hsa -165	90-90
Z40-657	okapnica	drip cap	1	Lkr Lsa -68	90-90
NC-1459	profil klizača	slide profile			90-90
OKOVI HARDWARE					kom. pcs.
710.409	kutna spojnica okvira	frame corner bracket			4
710.411	kutna spojnica krila	sash corner bracket			4
710.408	kutna spojnica okvira	frame corner bracket			4
710.506	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
730.001	kutna spojnica okvira	frame corner bracket			4
AL 2000	DRY KIP meh. -Notter	DRY KIP mec. -Notter			1
373.003	maska za drenažni otvor	drainage slot mask			2
BRTVE GASKETS				mjera dimension	kom. pcs.
337.001	srednja brtva	central gasket		2L+2H	
327.002	brtva u ramu	frame gasket		2L+2H	
317.002	brtva u krilu	sash gasket		2L+2H	
327.001	brtva prema staklu	glazing gasket		2L+2H	
317.001	brtva prema staklu	glazing gasket		2L+2H	
366.015	kutni umetak brtve	gasket corner			4
ISPUNA PO OPSEGU STAKLA INSULATION AROUND THE GLASS				mjera dimension	kom. pcs.
340.142	Izolacijski umetak	insulation		2L+2H	1
STAKLO GLASS				mjera dimension	kom. pcs.
44mm				Lkr Lsa -133 x Hkr Hsa - 133	1





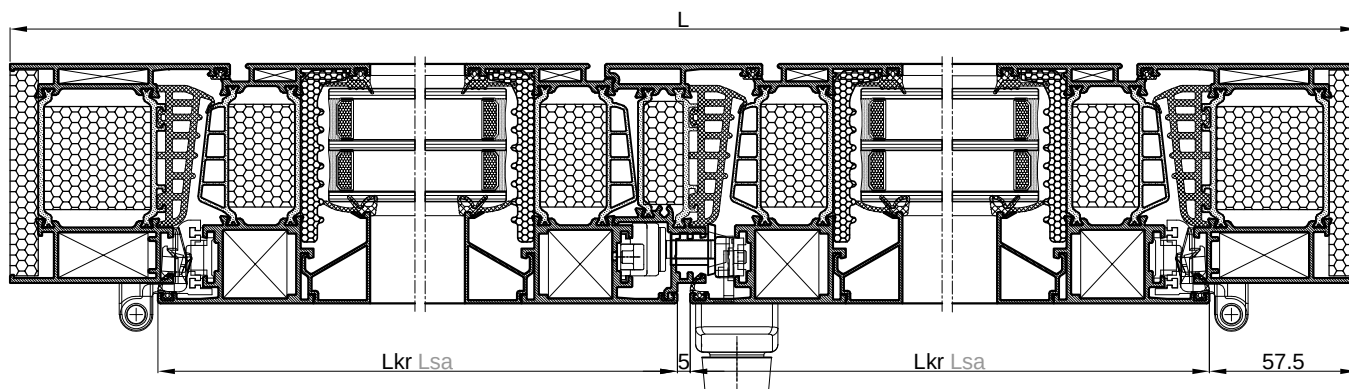
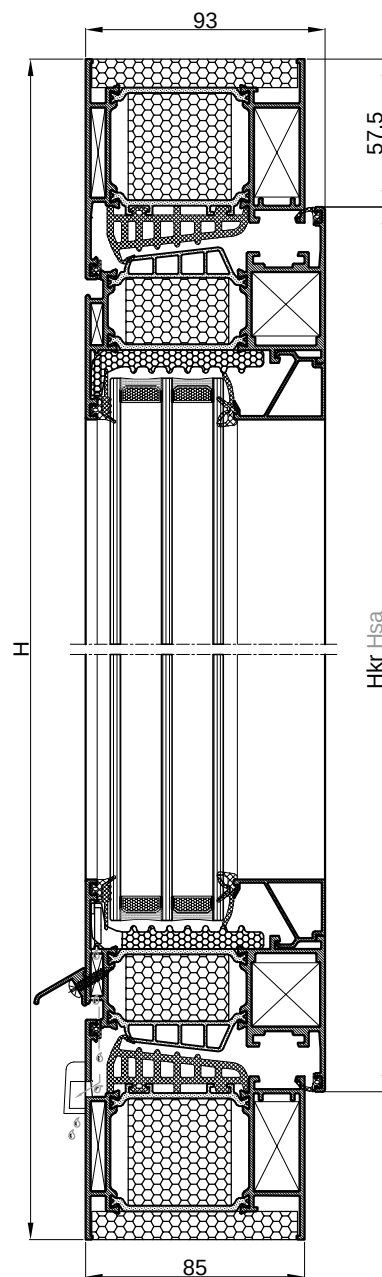
Rezna lista Cutting list

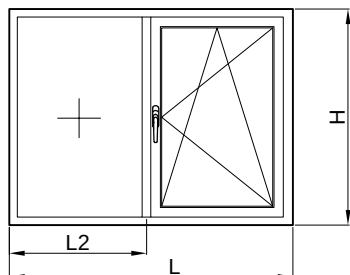
Ram Frame : FT-1200

Krilo Sash: FT-1210

Kombatuta Flying mullion: FT-1230

PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	2	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-45
FT-1210	hor.krila	hor.sash	4	$L_{kr} L_{sa} = (L - 120) / 2$	45-45
FT-1210	vert.krila	vert.sash	4	$H_{kr} H_{sa} = H - 115$	45-45
FT-1230	profil za okretanje	flying mullion	1	$H_{kr} H_{sa} - 70$	90-90
Z40-669/P	hor.staklo lajsna krila	hor.glas bead	4	$L_{kr} L_{sa} - 121$	90-90
Z40-669/P	vert.staklo lajsna krila	vert.glass bead	4	$H_{kr} H_{sa} - 165$	90-90
Z40-657	okapnica (glav.krilo)	drip cap (main sash)	1	$L_{kr} L_{sa} - 68$	90-90
Z40-657	okapnica (pom.krilo)	drip cap (aux.sash)	1	$L_{kr} L_{sa} - 1$	90-90
NC-1459	profil klizača	slide profile			90-90
OKOVI HARDWARE			kom. pcs.		
710.409	kutna spojnica okvira	frame corner bracket	4		
710.411	kutna spojnica krila	sash corner bracket	8		
710.408	kutna spojnica okvira	frame corner bracket	4		
710.506	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		
730.001	kutna spojnica okvira	frame corner bracket	4		
AL 2000	DRY KIP meh. -Notter	DRY KIP mec. -Notter	1		
	ključanje pomoćnog krila -Notter	auxiliary sash locking -Notter	1		
373.003	maska za drenažni otvor	drainage slot mask	3		
363.063	čep-umetak profila za okretanje	cap-insert for flying mullion	par pair		
BRTVE GASKETS			kom. pcs.	mjera dimension	
337.001	srednja brtva	central gasket		$2L + 3H$	
327.002	brtva u ramu	frame gasket		$2L + 3H$	
317.002	brtva u krilu	sash gasket		$2L + 3H$	
327.001	brtva prema staklu	glazing gasket		$2L + 4H$	
317.001	brtva prema staklu	glazing gasket		$2L + 4H$	
366.015	kutni umetak brtve	gasket corner	4		
ISPUNA PO OPSEGU STAKLA INSULATION AROUND THE GLASS			kom. pcs.	mjera dimension	
340.142	Izolacijski umetak insulation		1	$4L_{kr} L_{sa} + 4H_{kr} H_{sa}$	
STAKLO GLASS			kom. pcs.	mjera dimension	
44mm			2	$L_{kr} L_{sa} - 133 \times H_{kr} H_{sa} - 133$	





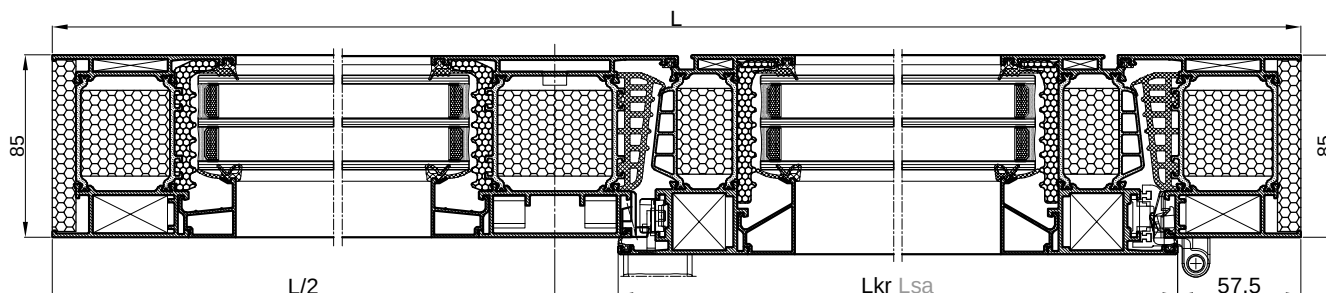
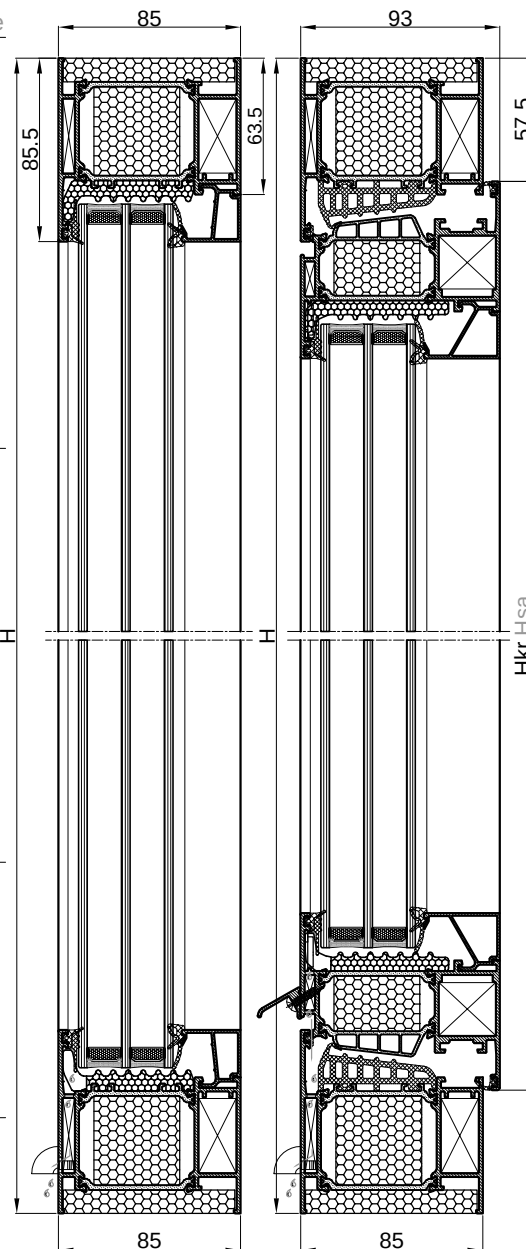
Rezna lista Cutting list

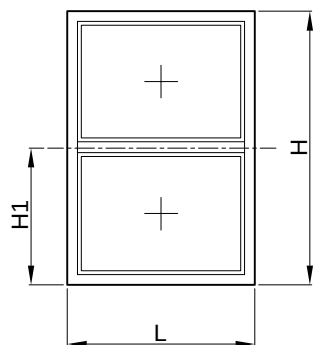
Ram Frame : FT-1200

Kriilo Sash: FT-1210

Prečka Window crossbar: FT-1220

PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	2	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-45
FT-1210	hor.krila	hor.sash	2	Lkr Lsa=L/2 - 87	45-45
FT-1210	vert.krila	vert.sash	2	Hkr Hsa=H-115	45-45
FT-1220	prečka	window crossbar	1	H -115	90-90
F-1575	hor.staklo lajsna	hor.glas bead	2	L/2-99	90-90
F-1575	vert.staklo lajsna	vert.glass bead	2	H-171	90-90
Z40-669/P	hor.staklo lajsna krila	hor.glas bead	2	Lkr Lsa -121	90-90
Z40-669/P	vert.staklo lajsna krila	vert.glass bead	2	Hkr Hsa -165	90-90
Z40-657	okapnica	drip cap	1	Lkr Lsa -68	90-90
NC-1459	profil klizača	slide profile			90-90
OKOVI HARDWARE					kom. pcs.
710.409	kutna spojnica okvira	frame corner bracket			4
710.411	kutna spojnica krila	sash corner bracket			4
710.408	kutna spojnica okvira	frame corner bracket			4
710.506	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
730.001	kutna spojnica okvira	frame corner bracket			4
AL 2000	DRY KIP meh. -Notter	DRY KIP mec. -Notter			1
370.070	maska za drenažni otvor	drainage slot mask			3
710.066	veznik	connector			4
710.412	dodatni veznik	additional connector			2
BRTVE GASKETS				mjera dimension	kom. pcs.
337.001	srednja brtva	central gasket		L+2H	
327.002	brtva u ramu	frame gasket		L+2H	
317.002	brtva u krilu	sash gasket		L+2H	
327.001	brtva prema staklu	glazing gasket		2L+4H	
317.001	brtva prema staklu	glazing gasket		2L+4H	
366.015	kutni umetak brtve	gasket corner			4
ISPUNA PO OPSEGU STAKLA INSULATION AROUND THE GLASS				mjera dimension	kom. pcs.
340.142	Izolacijski umetak insulation		2Lkr Lsa + 2Hkr Hsa		1
340.143	Izolacijski umetak insulation		L + 2H		1
STAKLO GLASS				mjera dimension	kom. pcs.
44mm			L/2 -108+ x H -136		1
44mm			Lkr Lsa -133 x Hkr Hsa - 133		1



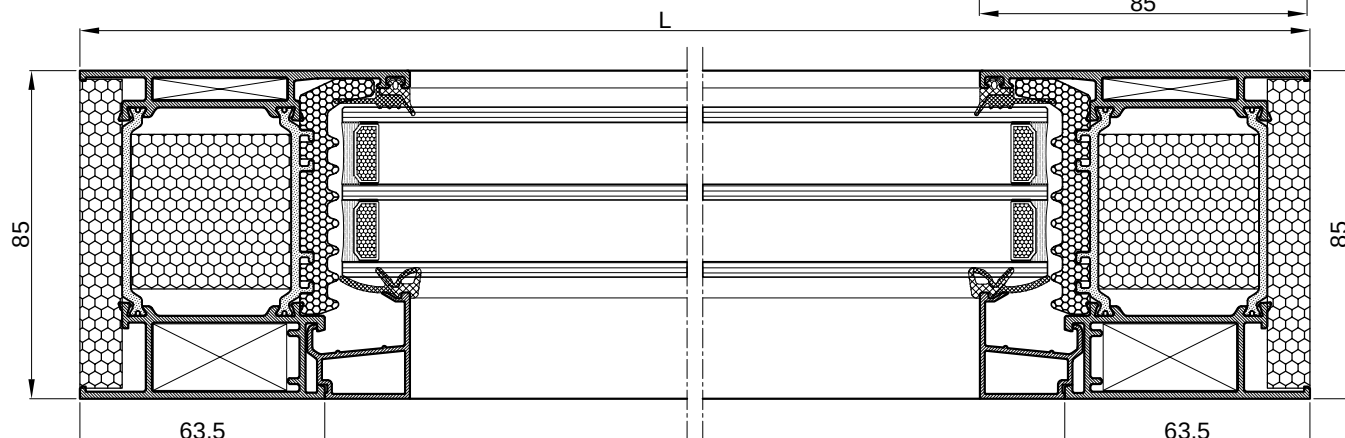
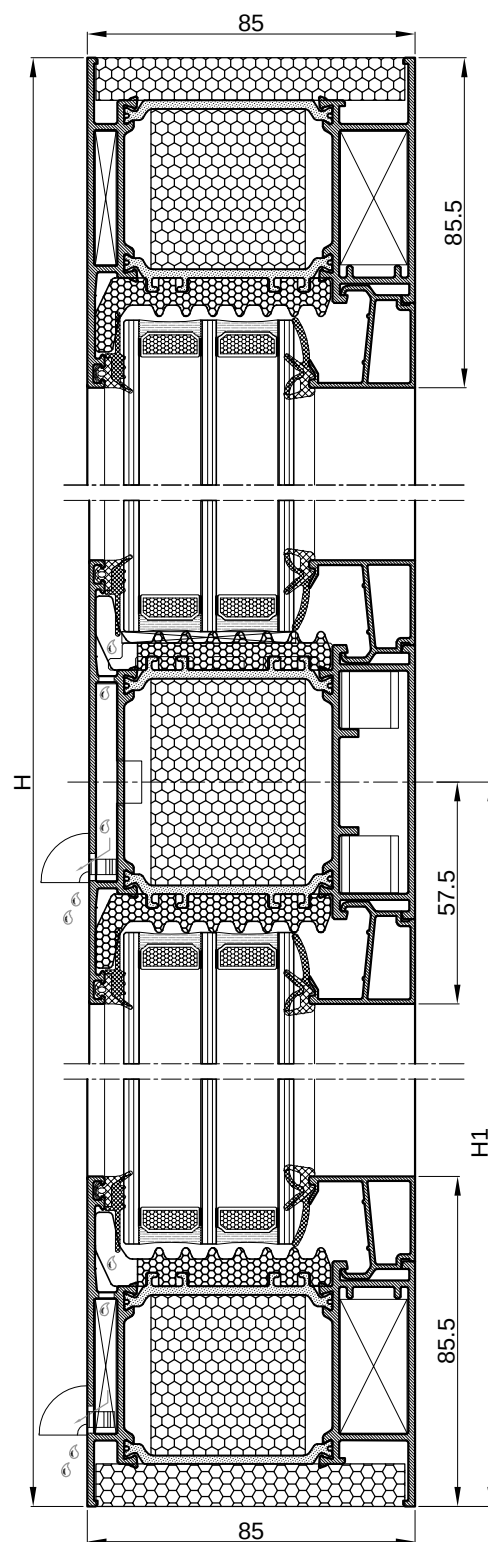


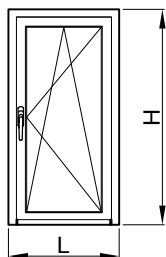
Rezna lista Cutting list

Ram Frame : FT-1200

Prečka Window crossbar: FT-1220

PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	2	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-45
FT-1220	prečka	window crossbar	1	L-115	90-90
F-1575	hor.st.lajsna	hor.glas bead	4	L-127	90-90
F-1575	vert.st.lajsna	vert.glas bead	2	H1-143	90-90
F-1575	vert.st.lajsna	vert.glas bead	2	H-H1-143	90-90
OKOVI HARDWARE					kom. pcs.
710.409	kutna spojnica okvira	frame corner bracket			4
710.408	kutna spojnica okvira	frame corner bracket			4
730.001	kutna spojnica okvira	frame corner bracket			4
710.066	veznik	connector			4
710.412	dodatni veznik	additional connector			2
370.070	maska za drenažni otvor	drainage slot mask			4
BRTVE GASKETS				mjera dimension	kom. pcs.
327.001	brtva prema staklu	glazing gasket		4L+2H	
317.001	brtva prema staklu	glazing gasket		4L+2H	
ISPUNA PO OPSEGU STAKLA INSULATION AROUND THE GLASS				mjera dimension	kom. pcs.
340.143	Izolacijski umetak	insulation		4L+2H	1
STAKLO GLASS				mjera dimension	kom. pcs.
44mm				L-136 x H1-108	1
44mm				L-136 x H-H1-108	1





Rezna lista Cutting list

Ram Frame : FT-1200

Krilo Sash: FT-1210

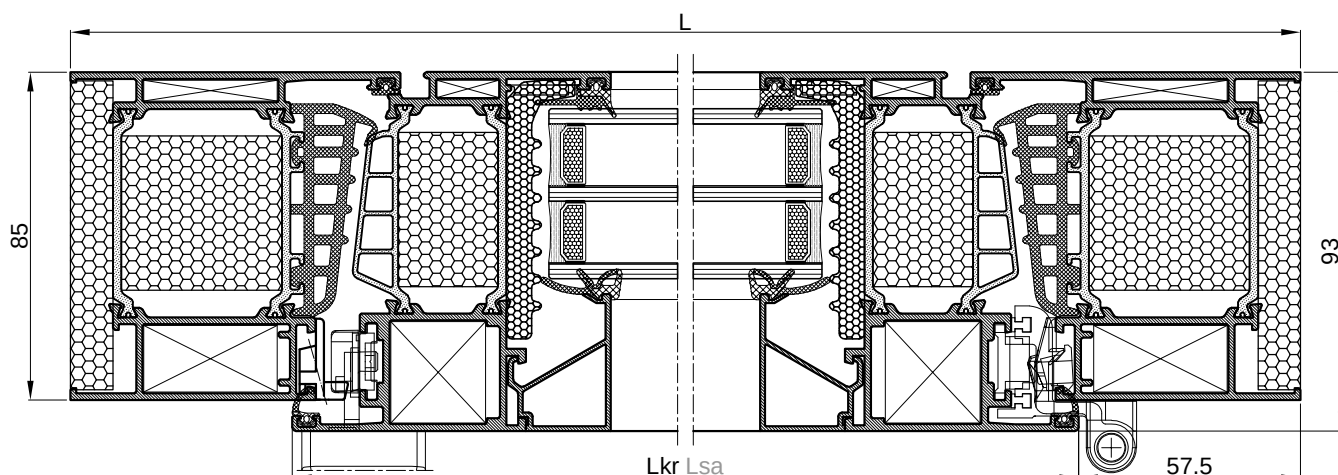
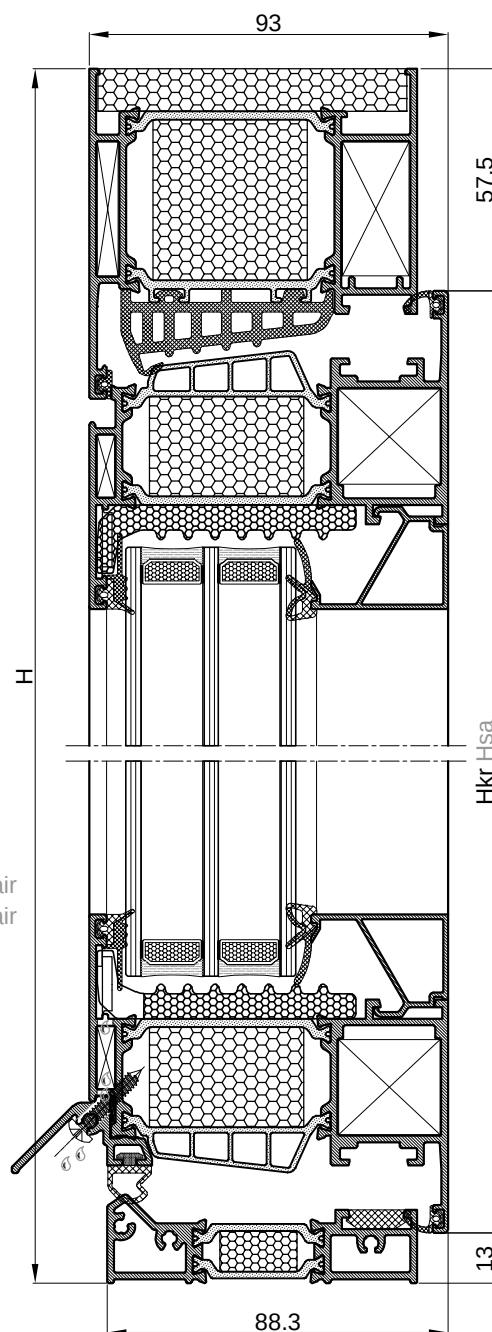
Prag Threshold: FT-1231

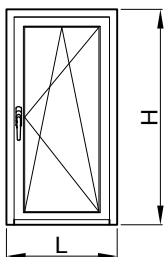
PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	1	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-90
FT-1210	hor.krila	hor.sash	2	Lkr Lsa=L-115	45-45
FT-1210	vert.krila	vert.sash	2	Hkr Hsa=H-70.5	45-45
FT-1231	profil praga	threshold profile	1	L-168	90-90
Z40-669/P	hor.st.lajsna	hor.glas bead	2	Lkr Lsa -121	90-90
Z40-669/P	vert.st.lajsna	vert.glas bead	2	Hkr Hsa -165	90-90
F-1567	okapnica	drip cap	1	Lkr Lsa -78	90-90
NC-1459	profil klizača	slide profile			90-90
OKOVI HARDWARE					kom. pcs.

710.409	kutna spojnica okvira	frame corner bracket	2
710.411	kutna spojnica krila	sash corner bracket	4
710.408	kutna spojnica okvira	frame corner bracket	2
710.506	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
730.001	kutna spojnica okvira	frame corner bracket	2
AL 2000	DRY KIP meh. -Notter	DRY KIP mec. -Notter	1
363.064	čep-umetak za profil praga	end insert threshold profile	par pair
373.055	čep-umetak za profil okapnice	end insert drip cap profile	par pair

BRTVE GASKETS		mjera dimension	kom. pcs.
337.001	srednja brtva	central gasket	L+2H
327.002	brtva u ramu	frame gasket	L+2H
317.002	brtva u krilu	sash gasket	2L+2H
327.001	brtva prema staklu	glazing gasket	2L+2H
317.001	brtva prema staklu	glazing gasket	2L+2H
366.015	kutni umetak brtve	gasket corner	2
344.088	brtva prema pragu	gasket acc. to threshold	L
344.058	brtva u pragu	gasket in threshold	L

ISPUNA PO OPSEGU STAKLA INSULATION AROUND THE GLASS		mjera dimension	kom. pcs.
340.142	Izolacijski umetak insulation	2L+2H	1
STAKLO GLASS		mjera dimension	kom. pcs.
44mm		Lkr Lsa -133 x Hkr Hsa - 133	1





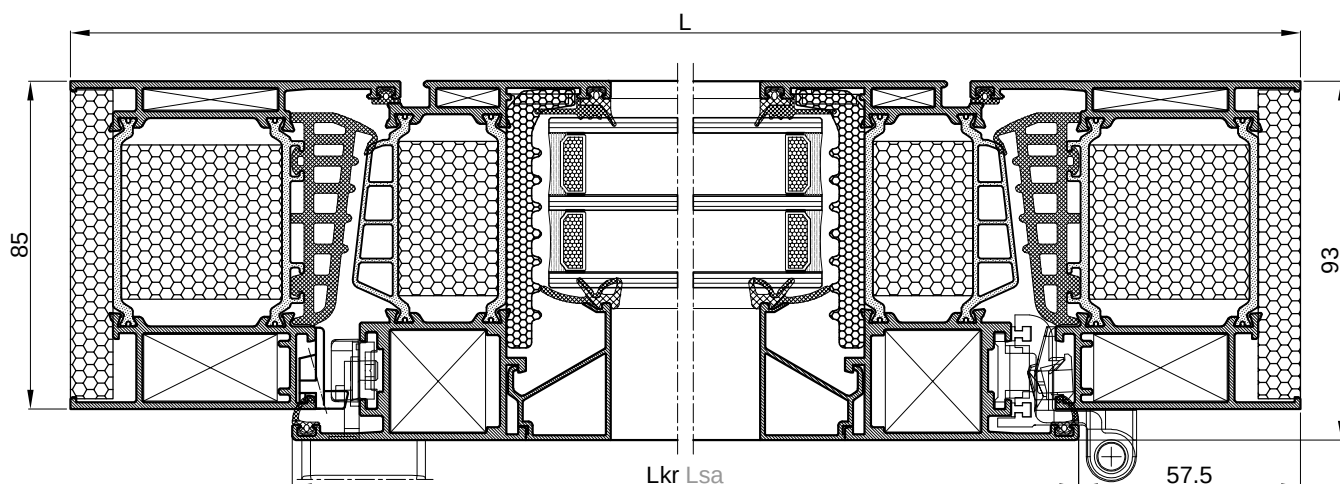
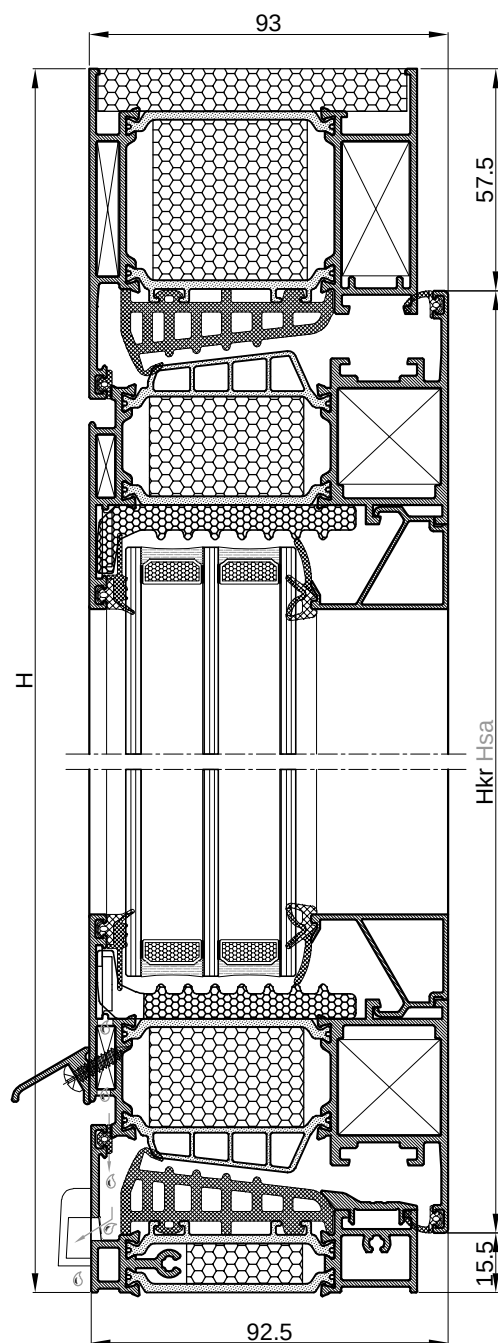
Rezna lista Cutting list

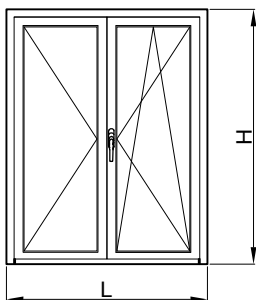
Ram Frame : FT-1200

Krilo Sash: FT-1210

Prag Threshold: FT-1232

PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	1	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-90
FT-1210	hor.krila	hor.sash	2	Lkr Lsa=L-115	45-45
FT-1210	vert.krila	vert.sash	2	Hkr Hsa=H-73	45-45
FT-1232	profil praga	threshold profile	1	L-115	90-90
F-1589	profil maske	profile masks	1	L-118	90-90
Z40-669/P	hor.st.lajsna	hor.glas bead	2	Lkr Lsa -121	90-90
Z40-669/P	vert.st.lajsna	vert.glas bead	2	Hkr Hsa -165	90-90
Z40-657	okapnica	drip cap	1	Lkr Lsa -68	90-90
NC-1459	profil klizača	slide profile			90-90
OKOVI HARDWARE			kom. pcs.		
710.409	kutna spojnica okvira	frame corner bracket	2		
710.411	kutna spojnica krila	sash corner bracket	4		
710.408	kutna spojnica okvira	frame corner bracket	2		
710.506	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		
730.001	kutna spojnica okvira	frame corner bracket	2		
AL 2000	DRY KIP meh. -Notter	DRY KIP mec. -Notter	1		
373.003	maska za drenažni otvor	drainage slot mask	2		
433.021	vijak 3.9x32 (DIN 7981)	screw 3.9x32 (DIN 7981)	4		
BRTVE GASKETS			mjera dimension kom. pcs.		
337.001	srednja brtva	central gasket		2L+2H	
327.002	brtva u ramu	frame gasket		2L+2H	
317.002	brtva u krilu	sash gasket		2L+2H	
327.001	brtva prema staklu	glazing gasket		2L+2H	
317.001	brtva prema staklu	glazing gasket		2L+2H	
366.015	kutni umetak brtve	gasket corner	4		
ISPUNA PO OPSEGU STAKLA INSULATION AROUND THE GLASS			mjera dimension kom. pcs.		
340.142	Izolacijski umetak insulation			2L+2H	1
STAKLO GLASS			mjera dimension kom. pcs.		
44mm		Lkr Lsa -133 x Hkr Hsa - 133	1		





Rezna lista Cutting list

Ram Frame : FT-1200

Krilo Sash: FT-1210

Kombatuta Flying mullion: FT-1230

Prag Threshold: FT-1231

PROFILI PROFILES

			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	1	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-90
FT-1210	hor.krila	hor.sash	4	Lkr Lsa=(L-120)/2	45-45
FT-1210	vert.krila	vert.sash	4	Hkr Hsa=H-70.5	45-45
FT-1230	profil za okretanje	flying mullion	1	Hkr Hsa -70	90-90
FT-1231	profil praga	threshold profile	1	L -168	90-90
Z40-669/P	hor.staklo lajsna krila	hor.glas bead	4	Lkr Lsa -121	90-90
Z40-669/P	vert.staklo lajsna krila	vert.glass bead	4	Hkr Hsa -165	90-90
F-1567	okapnica (glav.krilo)	drip cap (main.sash)	1	Lkr Lsa -78	90-90
F-1567	okapnica (pom.krilo)	drip cap (aux.sash)	1	Lkr Lsa -11	90-90
NC-1459	profil klizača	slide profile			90-90

OKOVI HARDWARE

			kom. pcs.
710.409	kutna spojnica okvira	frame corner bracket	2
710.411	kutna spojnica krila	sash corner bracket	8
710.408	kutna spojnica okvira	frame corner bracket	2
710.506	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
730.001	kutna spojnica okvira	frame corner bracket	2
AL 2000	DRY KIP meh. -Notter	DRY KIP mec. -Notter	1
	ključanje pomoćnog krila -Notter	ključanje pomoćnog krila -Notter	1
363.063	čep-umetak profila za okretanje	end insert for flying mullion	par pair
363.064	čep-umetak za profil praga	end insert threshold profile	par pair
373.055	čep-umetak za profil okapnice	end insert drip cap profile	2 para pairs

BRTVE GASKETS

		mjera dimension	kom. pcs.
337.001	srednja brtva	central gasket	
327.002	brtva u ramu	frame gasket	
317.002	brtva u krilu	sash gasket	
327.001	brtva prema staklu	glazing gasket	
317.001	brtva prema staklu	glazing gasket	
366.015	kutni umetak brtve	gasket corner	2
344.088	brtva prema pragu	gasket acc.to threshold	
344.058	brtva u pragu	gasket in threshold	

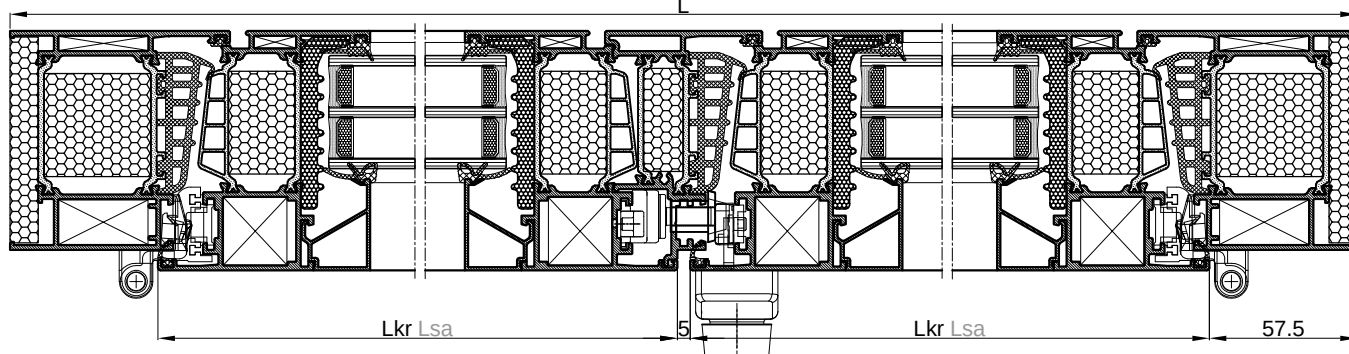
ISPUNA PO OPSEGU STAKLA

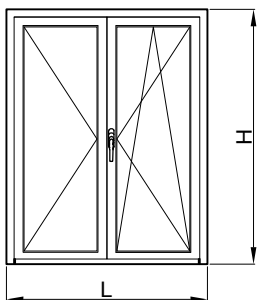
INSULATION AROUND THE GLASS

		mjera dimension	kom. pcs.
340.142	Izolacijski umetak insulation	4Lkr Lsa + 4Hkr Hsa	1

STAKLO GLASS

		mjera dimension	kom. pcs.
44mm		Lkr Lsa -133 x Hkr Hsa - 133	2





Rezna lista Cutting list

Ram Frame : FT-1200

Krilo Sash: FT-1210

Kombatuta Flying mullion: FT-1230

Prag Threshold: FT-1232

PROFILI PROFILES

			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	1	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-90
FT-1210	hor.krila	hor.sash	4	Lkr Lsa=(L-120)/2	45-45
FT-1210	vert.krila	vert.sash	4	Hkr Hsa=H-73	45-45
FT-1230	profil za okretanje	flying mullion	1	Hkr Hsa -70	90-90
FT-1231	profil praga	threshold profile	1	L -115	90-90
F-1589	profil maske	profile masks	1	L -118	90-90
Z40-669/P	hor.staklo lajsna krila	hor.glas bead	4	Lkr Lsa -121	90-90
Z40-669/P	vert.staklo lajsna krila	vert.glass bead	4	Hkr Hsa -165	90-90
Z40-657	okapnica (glav.krilo)	drip cap (main.sash)	1	Lkr Lsa -68	90-90
Z40-657	okapnica (pom.krilo)	drip cap (aux.sash)	1	Lkr Lsa -1	90-90
NC-1459	profil klizača	slide profile			90-90

OKOVI HARDWARE

			kom. pcs.
710.409	kutna spojnica okvira	frame corner bracket	2
710.411	kutna spojnica krila	sash corner bracket	8
710.408	kutna spojnica okvira	frame corner bracket	2
710.506	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
730.001	kutna spojnica okvira	frame corner bracket	2
AL 2000	DRY KIP meh. -Notter	DRY KIP mec. -Notter	1
	ključanje pomoćnog krila -Notter	auxiliary sash locking -Notter	1
363.063	čep-umetak profila za okretanje	end insert for flying mullion	par pair
373.003	maska za drenažni otvor	drainage slot mask	3
433.021	vijak 3.9x32 (DIN 7981)	screw 3.9x32 (DIN 7981)	4

BRTVE GASKETS

		mjera dimension	kom. pcs.
337.001	srednja brtva	central gasket	
327.002	brtva u ramu	frame gasket	
317.002	brtva u krilu	sash gasket	
327.001	brtva prema staklu	glazing gasket	
317.001	brtva prema staklu	glazing gasket	
366.015	kutni umetak brtve	gasket corner	2

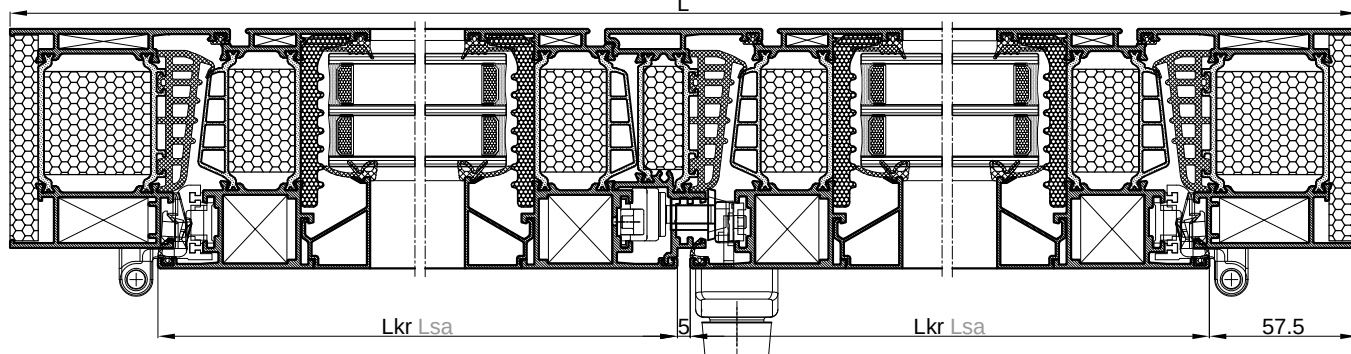
ISPUNA PO OPSEGU STAKLA

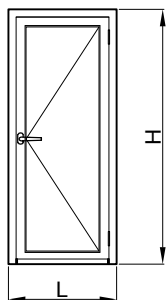
INSULATION AROUND THE GLASS

		mjera dimension	kom. pcs.
340.142	Izolacijski umetak insulation	4Lkr Lsa + 4Hkr Hsa	1

STAKLO GLASS

		mjera dimension	kom. pcs.
44mm		Lkr Lsa -133 x Hkr Hsa - 133	2





Rezna lista Cutting list

Ram Frame : FT-1200

Kriilo Sash: FT-1211

Prag Threshold: FT-1231

PROFILI PROFILES

			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	1	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-90
FT-1211	hor.krila	hor.sash	2	Lkr Lsa=L-115	45-45
FT-1211	vert.krila	vert.sash	2	Hkr Hsa=H-70.5	45-45
FT-1231	profil praga	threshold profile	1	L -168	90-90
Z40-669/P	hor.staklo lajsna krila	hor.glas bead	2	Lkr Lsa -157	90-90
Z40-669/P	vert.staklo lajsna krila	vert.glass bead	2	Hkr Hsa -201	90-90
F-1567	okapnica	drip cap	1	Lkr Lsa -78	90-90
NC-1459	profil klizača	slide profile			90-90

OKOVI HARDWARE

			kom. pcs.
710.409	kutna spojnicu okvira	frame corner bracket	2
710.435	kutna spojnicu krila	sash corner bracket	4
710.408	kutna spojnicu okvira	frame corner bracket	2
710.434	kutna spojnicu krila	sash corner bracket	4
731.010	kutna spojnicu krila	sash corner bracket	4
730.001	kutna spojnicu krila	sash corner bracket	4
730.001	kutna spojnicu okvira	frame corner bracket	2
124.001	brava 35 mm sa jezičkom	lock 35mm with latchbolt	1
126.028	uložak (cilindar) za bravu 35mm	lock insert (cylinder) 35mm	1
124.032	štitnik cilindra za bravu	lock cylinder protector	par pair
124.003	prihvatnik jezička brave (šild)	lock latchbolt acceptor (safety panel)	1
104.009	ručka za vrata	door handle	1
114.001	dvodijelna šarka	two-part hinge	2
363.064	čep-umetak za profil praga	end insert threshold profile	par pair
373.055	čep-umetak za profil okapnice	end insert drip cap profile	par pair

BRTVE GASKETS

		mjera dimension	kom. pcs.
337.001	srednja brtva	central gasket	
327.002	brtva u ramu	frame gasket	
317.002	brtva u krilu	sash gasket	
327.001	brtva prema staklu	glazing gasket	
317.001	brtva prema staklu	glazing gasket	
366.015	kutni umetak brtve	gasket corner	2
344.088	brtva prema pragu	gasket acc.to threshold	
344.058	brtva u pragu	gasket in threshold	

ISPUNA PO OPSEGU STAKLA

INSULATION AROUND THE GLASS

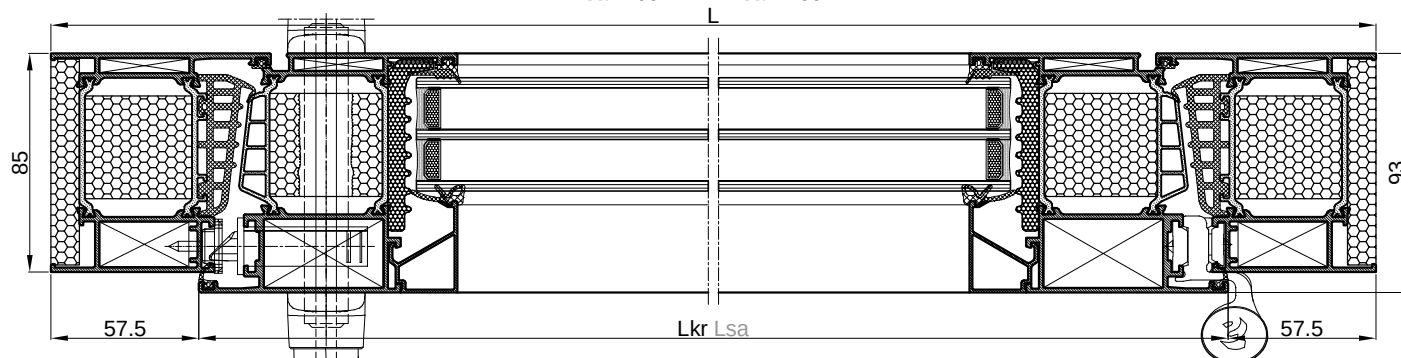
		mjera dimension	kom. pcs.
--	--	-----------------	-----------

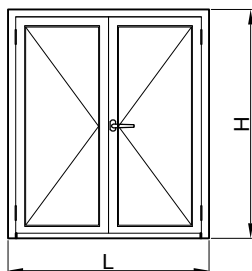
340.142	Izolacijski umetak insulation	2L + 2H	1
---------	-------------------------------	---------	---

STAKLO GLASS

		mjera dimension	kom. pcs.
--	--	-----------------	-----------

44mm		Lkr Lsa -169 x Hkr Hsa - 169	1
------	--	------------------------------	---





Rezna lista Cutting list

Ram Frame : FT-1200

Krilo Sash: FT-1211

Kombatuta Flying mullion: FT-1230

Prag Threshold: FT-1231

PROFILI PROFILES			kom. pcs.	mjera dimension	kut pilanje sawing angle
FT-1200	hor.okvira	hor.frame	1	L	45-45
FT-1200	vert.okvira	vert.frame	2	H	45-90
FT-1211	hor.krila	hor.sash	4	Lkr Lsa=(L-120)/2	45-45
FT-1211	vert.krila	vert.sash	4	Hkr Hsa=H-70.5	45-45
FT-1230	profil za okretanje	flying mullion	1	Hkr Hsa -70	90-90
FT-1231	profil praga	threshold profile	1	L-168	90-90
Z40-669/P	hor.staklo lajsna krila	hor.glas bead	4	Lkr Lsa -157	90-90
Z40-669/P	vert.staklo lajsna krila	vert.glass bead	4	Hkr Hsa -201	90-90
F-1567	okapnica (glav.krilo)	drip cap (main.sash)	1	Lkr Lsa -78	90-90
F-1567	okapnica (pom.krilo)	drip cap (aux.sash)	1	Lkr Lsa -11	90-90
NC-1459	profil klizača	slide profile	1		90-90

OKOVI HARDWARE

kom. pcs.

710.409	kutna spojnica okvira	frame corner bracket	2
710.435	kutna spojnica krila	sash corner bracket	8
710.408	kutna spojnica okvira	frame corner bracket	2
710.434	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
730.001	kutna spojnica okvira	frame corner bracket	2
124.001	brava 35 mm sa jezičkom	lock 35mm with latchbolt	1
126.028	uložak (cilindar) za bravu 35mm	lock insert (cylinder) 35mm	1
124.032	štitnik cilindra za bravu	lock cylinder protector	par pair
124.003	prihvatnik jezička brave (šild)	lock latchbolt acceptor	1
104.009	ručka za vrata	door handle	1
114.001	dvodijelna šarka	two-part hinge	4
144.003	zapinjač-krakun za vrata	door latch	2
363.063	čep-umetak profila za okretanje	end insert for flying mullion	par pair
363.064	čep-umetak za profil praga	end insert threshold profile	par pair
373.055	čep-umetak za profil okapnice	end insert drip cap profile	2 para pairs

BRTVE GASKETS

mjera dimension

kom. pcs.

337.001	srednja brtva	central gasket	L+3H	
327.002	brtva u ramu	frame gasket	L+3H	
317.002	brtva u krilu	sash gasket	L+3H	
327.001	brtva prema staklu	glazing gasket	2L+4H	
317.001	brtva prema staklu	glazing gasket	2L+4H	
366.015	kutni umetak brtve	gasket corner		2
344.088	brtva prema pragu	gasket acc.to threshold	L	
344.058	brtva u pragu	gasket in threshold	L	

ISPUNA PO OPSEGU STAKLA

mjera dimension

kom. pcs.

INSULATION AROUND THE GLASS

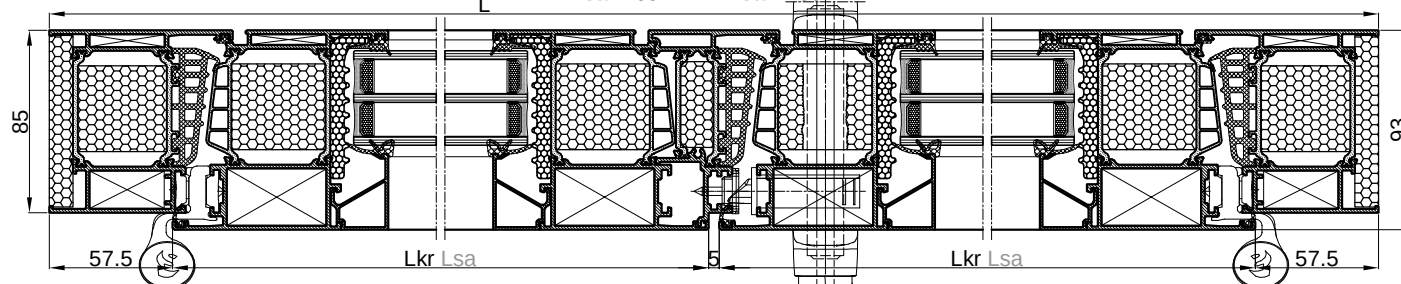
340.142	Izolacijski umetak insulation	4Lkr Lsa + 4Hkr Hsa	1
340.143	Izolacijski umetak insulation	L + 2H	1

STAKLO GLASS

mjera dimension

kom. pcs.

44mm	L	Lkr Lsa -169 x Hkr Hsa - 169	1
------	---	------------------------------	---



FEAL

TERMO 85 PA

Svibanj 2019. / *May 2019*

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