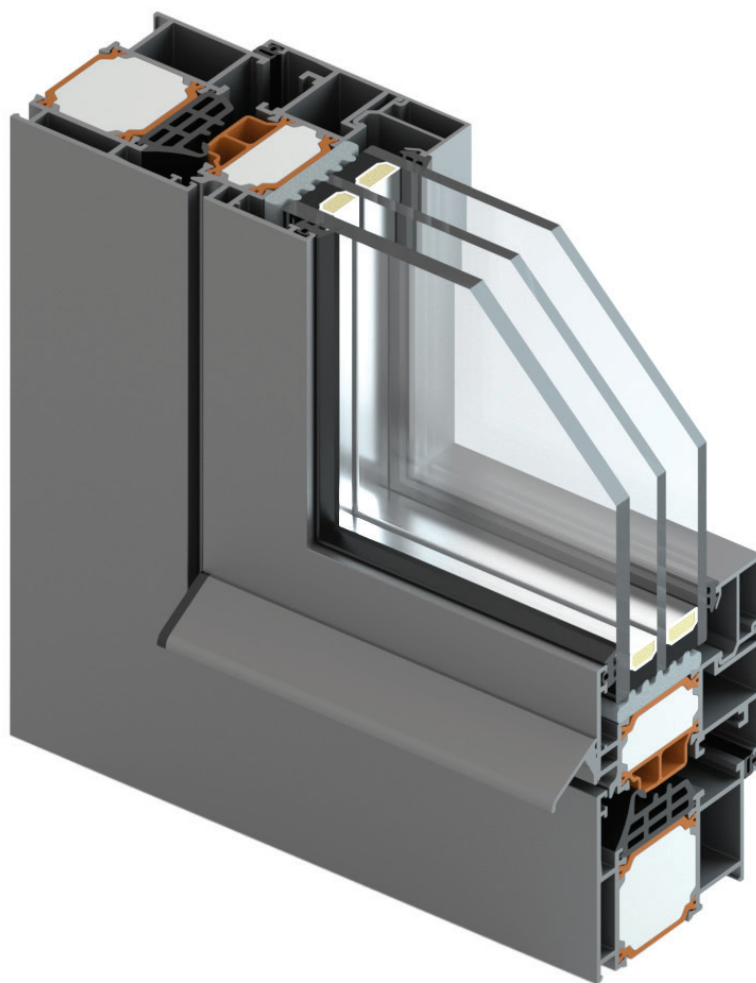


# FEAL



## TERM0 65 plus

PROZORI I VRATA  
*WINDOWS AND DOORS*

Knjiga A / *Book A*



SADRŽAJ  
CONTENT

|    |                           |            |
|----|---------------------------|------------|
| 01 | ZNAČAJKE SISTEMA          | 209.01.000 |
| 01 | SYSTEM CHARACTERISTICS    | 209.01.000 |
| 02 | ISPITIVANJA I CERTIFIKATI | 209.02.000 |
| 02 | TESTING AND CERTIFICATES  | 209.02.000 |
| 03 | PROFILI                   | 209.03.000 |
| 03 | PROFILES                  | 209.03.000 |
| 04 | PRIKAZ STAKLJENJA         | 209.04.000 |
| 04 | GLAZING                   | 209.04.000 |
| 05 | PRESJECI                  | 209.05.000 |
| 05 | CROSS SECTIONS            | 209.05.000 |





# Značajke sistema System characteristics

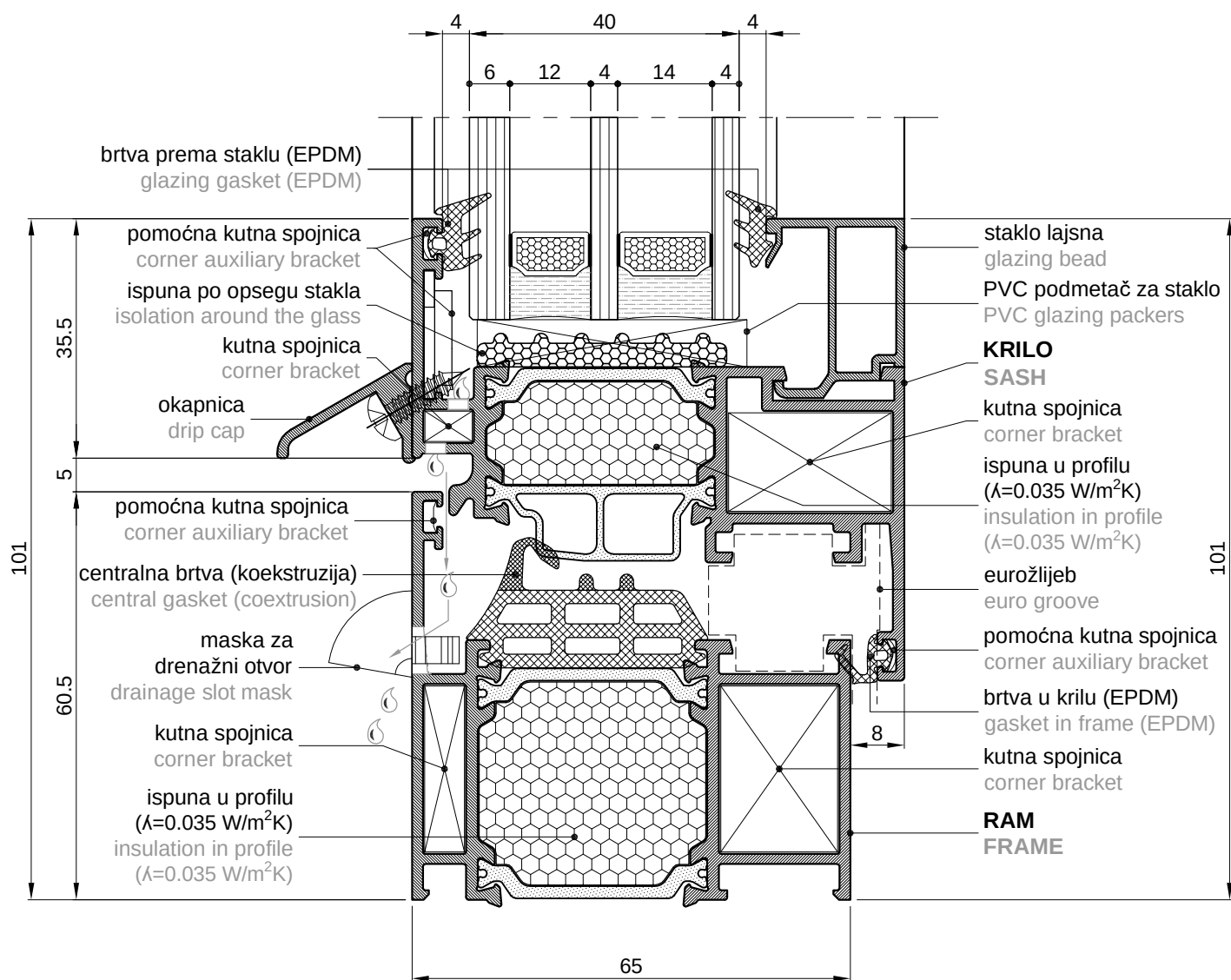


Profili iz sistema **Termo 65 plus** su dodatno ispunjeni termoizolacijskim materijalom

- ispunjena je od materijala s niskim koeficijentom toplinske provodljivosti  $\lambda$  / veći otpor prolaza topline/

Profiles from system **Termo 65 plus** are additionally filled with thermo insulating material

- thermo insulating material has low thermal conductivity coefficient  $\lambda$  / higher heat transfer resistance/

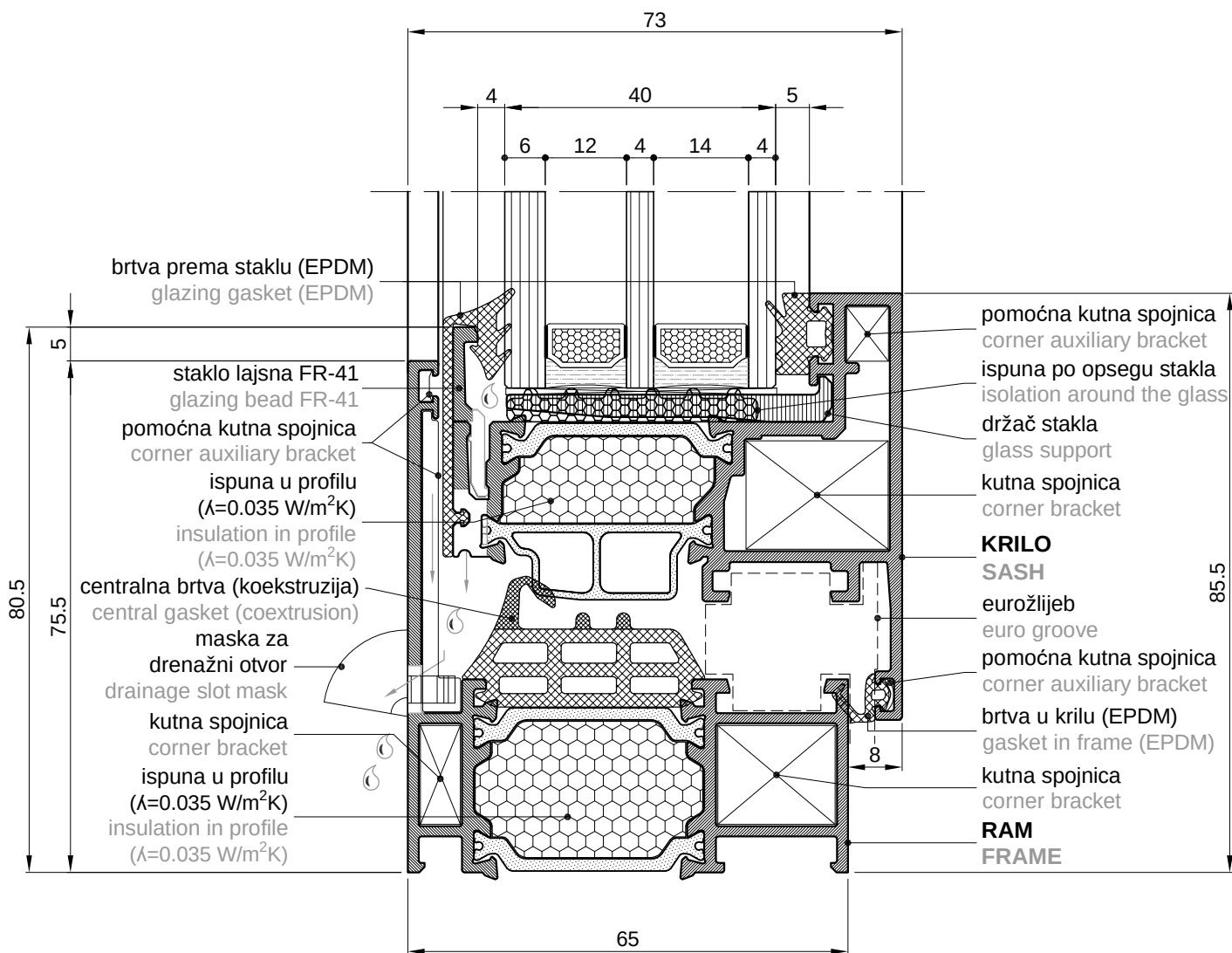


Profili iz sistema **Termo 65 plus** su dodatno ispunjeni termoizolacijskim materijalom

- ispunjena je od materijala s niskim koeficijentom toplinske provodljivosti  $\lambda$  / veći otpor prolaza topline/

Profiles from system **Termo 65 plus** are additionally filled with thermo insulating material

- thermo insulating material has low thermal conductivity coefficient  $\lambda$  / higher heat transfer resistance/



OPIS SISTEMA TERMO 65 plus  
SYSTEM DESCRIPTION TERMO 65 plus

Sistem **TERMO 65 plus** se koristi za izradu prozora (otvaranje unutra i vani sa vidljivim krilom, otvaranje unutra sa skrivenim krilom), vrata (otvaranje unutra i vani sa vidljivim krilom) i fiksnih stijena. To je sistem profila sa prekinutim termičkim mostom, osnovne ugradbene dubine rama 65 mm. Osnovna izvedba krila je vidljivo krilo sa ravnim linijama, a moguće su i izvedbe vidljivog krila i sa zaobljenim vanjskim linijama. Pored osnovne izvedbe krila, postoji i izvedba sa skrivenim krilom, koje je zahvaljujući svom obliku u potpunosti s vanjske strane integrirano u ram. Prekid termičkog mosta se postiže poliamidnim trakama širine 34 mm (low lambda). Radi dodatnog poboljšanja termičkih karakteristika profila, u komore profila se ugrađuju profilirani štapići od XPS -a (ekstrudirani polistiren -  $\lambda=0.035 \text{ W/m}^2\text{K}$ ) i takvi profili dobivaju u nazivu slovo F. Brtvljenje je izvedeno EPDM brtvama. Mogući tipovi otvaranja su: otklopno, zaokretno, zaokretno otvaranje vani, otklopno-zaokretno, okretno oko srednje osi, vrata sa otvaranjem prema unutra i vani. Sistem je kompatibilan sa FEAL fasadnim sistemima. Mogućnost odabira profila krila sa eurožlijebom 15/20 (vidljivo i skriveno krilo) i žlijebom 16/9 (vidljivo krilo). Okov koji se ugrađuje u sistem je standardni za eurožlijeb 15/20 i za žlijeb 16/9.

System **TERMO 65 plus** is used for production of windows (inwards and outwards opening with visible and hidden sash), doors (inwards and outwards opening with visible sash) and fixed glass walls. It is a system with thermal break profiles, basic mounting frame depth of 65 mm. Basic version of the sash is visible sash with straight lines, there is a version where visible sash has rounded outside lines. In addition to the basic version of the sash, there is also a hidden sash version, which is completely integrated into the frame from the outside thanks to its shape. The thermal break is achieved with polyamide strips of 34 mm (low lambda). To achieve additional improvement of thermal characteristics of the profiles, XPS (extruded polystyrene -  $\lambda=0.035 \text{ W/m}^2\text{K}$ ) profiles are inserted in the chamber of aluminium profiles and these profiles have the suffix F in the name. The sealing is performed with EPDM gaskets. Possible types of opening: tilt, turn, turn outwards opening, tilt and turn, turn around middle axes, door with outwards and inwards opening. System is compatible with FEAL curtain wall systems. Available selection of sash profiles with euro groove 15/20 (visible and hidden sash) and groove 16/9 (visible sash). The hardware which is installed in the this system is standard for euro groove 15/20 and for groove 16/9.

Karakteristike sistema:

|                                      |                                                            |
|--------------------------------------|------------------------------------------------------------|
| -dubina okvira.....                  | 65 mm                                                      |
| -dubina vidljivog krila.....         | 73 mm                                                      |
| -dubina skrivenog krila.....         | 68 mm                                                      |
| -dubina ispune (vidljivo krilo)..... | do 59 mm                                                   |
| -dubina ispune (skriveno krilo)...   | do 42 mm                                                   |
| -poliamidne trake.....               | 34 mm                                                      |
| -max.težina krila.....               | 140 kg                                                     |
| -zrakopropusnost.....                | EN 12207                                                   |
| -vodonepropusnost.....               | EN 12208                                                   |
| -otpornost na udar vjetra.....       | EN 12210                                                   |
| -zaštita od buke.....                | EN ISO 717-1                                               |
| -protuprovalnost.....                | EN 1627                                                    |
| -proračun Uw koeficijenta.....       | DIN EN ISO 10077-2<br>( $\geq 1,0 \text{ W/m}^2\text{K}$ ) |
| -osnovni materijal.....              | EN AW-6060                                                 |
| -materijal poliamidne trake.....     | LOW LAMBDA PA 66 GF25                                      |
| -materijal brtvljenja.....           | EPDM                                                       |
| -površinska obrada.....              | DIN 17611                                                  |
| -kontrola kvalitete.....             | DIN EN ISO 9001                                            |

System characteristics:

|                                         |                                                            |
|-----------------------------------------|------------------------------------------------------------|
| -frame depth.....                       | 65 mm                                                      |
| -visible sash depth.....                | 73 mm                                                      |
| -hidden sash depth.....                 | 68 mm                                                      |
| -infill depth (visible sash).....       | up to 59 mm                                                |
| -infill depth (hidden sash).....        | up to 42mm                                                 |
| -polyamide strips.....                  | 34 mm                                                      |
| -max. sash weight.....                  | 140 kg                                                     |
| -air permeability.....                  | EN 12207                                                   |
| -watertightness.....                    | EN 12208                                                   |
| -wind resistance.....                   | EN 12210                                                   |
| -airborne sound insulation....          | EN ISO 717-1                                               |
| -burglary resistance.....               | EN 1627                                                    |
| -calculation of the Uw coefficient..... | DIN EN ISO 10077-2<br>( $\geq 1,0 \text{ W/m}^2\text{K}$ ) |
| -profile material.....                  | EN AW-6060                                                 |
| -polyamide strips material.....         | LOW LAMBDA PA 66 GF25                                      |
| -gasket material.....                   | EPDM                                                       |
| -surface treatment.....                 | DIN 17611                                                  |
| -quality control.....                   | DIN EN ISO 9001                                            |



# Ispitivanja i certifikati

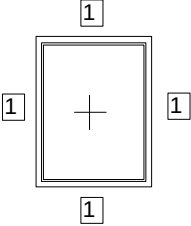
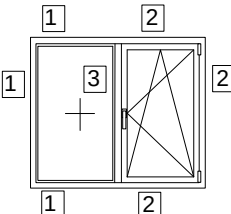
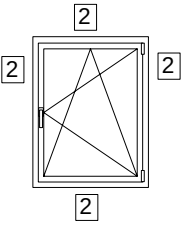
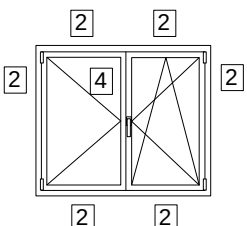
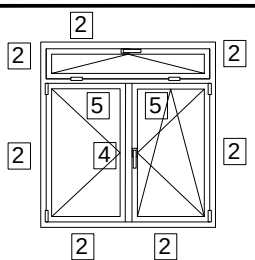
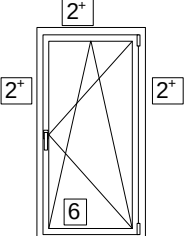
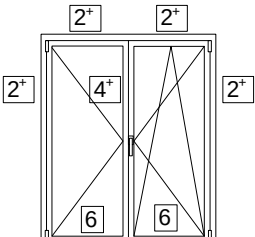
## Testing and certificates





| ISPITIVANJA I CERTIFIKATI TESTING AND CERTIFICATES                           |                               |                                                                          |                                                                        |                                                        |                                                                             |                                                                                |
|------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Vrsta ispitivanja<br>Type of test                                            | Fiksni prozor<br>Fixed window | Jednokrlni<br>otklopno-zaokretni<br>prozor<br>Single tilt-turn<br>window | Dvokrlni<br>otklopno-zaokretni<br>prozor<br>Double tilt-turn<br>window | Otklopni prozor<br>- ventus -<br>Bottom hung<br>window | Prozor<br>- otvaranje oko<br>srednje hor. osi<br>Horizontal pivot<br>window | Zaokretni prozor<br>- otvaranje vani<br>Side hung window<br>- outwards opening |
| Zrakopropusnost<br>Air permeability<br>EN12207                               | 4                             | 4<br>4 *                                                                 | 4<br>4 *                                                               | 4                                                      | 4                                                                           | 4                                                                              |
| Vodonepropusnost<br>Watertightness<br>EN 12208                               | E1500                         | E1500<br>E1500 *                                                         | E900<br>E900 *                                                         | E1500                                                  | E900                                                                        | E1050                                                                          |
| Vjetronepropusnost<br>Resistance to wind<br>EN 12210                         | C5/B5                         | C5/B5<br>C5/B5 *                                                         | C5/B5<br>C4/B4 *                                                       | C5/B5                                                  | C4/B4                                                                       | C4/B4                                                                          |
| Buka Rw<br>Airborne sound<br>reduction<br>EN ISO 717-1                       |                               |                                                                          |                                                                        |                                                        |                                                                             |                                                                                |
| Protuprovalnost<br>Protection<br>against burglary<br>EN 1627                 |                               | RC2                                                                      |                                                                        |                                                        |                                                                             |                                                                                |
| Otpornost na<br>istezanje, torziju...<br>Resistance at<br>strain, torsion... |                               |                                                                          |                                                                        |                                                        |                                                                             |                                                                                |
| Pendl test<br>Impact resistance<br>test<br>EN 13049                          |                               |                                                                          |                                                                        |                                                        |                                                                             |                                                                                |
| Protupožarnost<br>Fire resistance<br>test DIN EN<br>1363-1                   |                               |                                                                          |                                                                        |                                                        |                                                                             |                                                                                |
| Protudimnost<br>Smoke control test<br>EN 1634-3<br>EN 16034                  |                               |                                                                          |                                                                        |                                                        |                                                                             |                                                                                |
| * Skriveno krilo<br>* Hidden sash                                            |                               |                                                                          |                                                                        |                                                        |                                                                             |                                                                                |

| ISPITIVANJA I CERTIFIKATI TESTING AND CERTIFICATES                                                 |                                                    |                                                  |                                                                                            |                                                          |  |  |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------|--|--|
| Vrsta ispitivanja<br>Type of test                                                                  | Jednokrilna balkonska vrata<br>Single balcony door | Jednokrilna ulazna vrata<br>Single entrance door | Jednokrilna ulazna vrata<br>- otvaranje vani<br>Single entrance door<br>- outwards opening | Fiksna stijena s prečkom<br>Fixed al. wall with crossbar |  |  |
| Zrakopropusnost<br>Air permeability<br>EN12207                                                     | 4<br>4 *                                           | 4                                                | 4                                                                                          | 4                                                        |  |  |
| Vodonepropusnost<br>Watertightness<br>EN 12208                                                     | E750<br>8A *                                       | 6A                                               | E900                                                                                       | E1500                                                    |  |  |
| Vjetronepropusnost<br>Resistance to wind<br>EN 12210                                               | C4/B4<br>C4/B4 *                                   | C4/B4                                            | C4/B4                                                                                      | C5/B5                                                    |  |  |
| Buka Rw<br>Airborne sound reduction<br>EN ISO 717-1                                                |                                                    |                                                  |                                                                                            |                                                          |  |  |
| Protuprovalnost<br>Protection against burglary<br>EN 1627                                          | RC2                                                |                                                  |                                                                                            |                                                          |  |  |
| Otpornost na istezanje, torziju...<br>Resistance at strain, torsion...                             |                                                    |                                                  |                                                                                            |                                                          |  |  |
| Pendl test<br>Impact resistance test<br>EN 13049                                                   |                                                    |                                                  |                                                                                            |                                                          |  |  |
| Protupožarnost<br>Fire resistance test DIN EN 1363-1                                               |                                                    |                                                  |                                                                                            |                                                          |  |  |
| Protudimnost<br>Smoke control test<br>EN 1634-3<br>EN 16034                                        |                                                    |                                                  |                                                                                            |                                                          |  |  |
| Klas. izvještaj za vrata na evaku. putevima<br>Classification report for doorsets on escape routes |                                                    |                                                  | DA                                                                                         |                                                          |  |  |
| * Skriveno krilo<br>* Hidden sash                                                                  |                                                    |                                                  |                                                                                            |                                                          |  |  |

|                                                                                     |                                                                                                                                    | Uf1<br>W/m2K | Uf2<br>W/m2K | Uf3<br>W/m2K | Uf4<br>W/m2K | Uf5<br>W/m2K | Uf6<br>W/m2K | Uf7<br>W/m2K | Ug<br>W/m2K               | Uw<br>W/m2K |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------|-------------|
|    | Termo 65 plus<br>-fiksno-<br>-fixed filed-<br><br>(1230x1480)                                                                      | <b>1,2</b>   |              |              |              |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 0,91        |
|                                                                                     |                                                                                                                                    |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,3         |
|    | Termo 65 plus<br>-otkl.-zao.s<br>fiks. dijelom-<br>-tilt & turn with<br>fixed field-<br><br>(1600x1480)                            | <b>1,2</b>   | <b>1,5</b>   | <b>1,4</b>   |              |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 1,0         |
|                                                                                     |                                                                                                                                    |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,3         |
|    | Termo 65 plus<br>-otklopno<br>-zaokretno-<br>- tilt & turn<br>window-<br><br>(1230x1480)                                           |              | <b>1,5</b>   |              |              |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 1,0         |
|                                                                                     |                                                                                                                                    |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,3         |
|  | Termo 65 plus<br>-dvokrilno<br>otklopno<br>-zaokretno-<br>-double sash<br>tilt & turn<br>window-<br>(1600x1480)                    |              | <b>1,5</b>   |              | <b>1,6</b>   |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 1,1         |
|                                                                                     |                                                                                                                                    |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,4         |
|  | Termo 65 plus<br>-dvokrilno-<br>otkl. -zaok. s<br>nadsvijetlom-<br>-double sash<br>tilt & turn with<br>overhead op.<br>(1600x1980) |              | <b>1,5</b>   |              | <b>1,6</b>   | <b>1,5</b>   |              |              | 0,7<br>( $\Psi = 0.045$ ) | 1,1         |
|                                                                                     |                                                                                                                                    |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,4         |
|  | Termo 65 plus<br>-balkonska<br>vrata-<br>-balcony door-<br><br>(1100x2200)                                                         |              | <b>1,4</b>   |              |              |              | <b>1,6</b>   |              | 0,7<br>( $\Psi = 0.045$ ) | 1,1         |
|                                                                                     |                                                                                                                                    |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,4         |
|  | Termo 65 plus<br>-dvokrilna<br>balkonska<br>vrata-<br>-double<br>balcony door-<br><br>(1600x2200)                                  |              | <b>1,4</b>   |              | <b>1,4</b>   |              | <b>1,6</b>   |              | 0,7<br>( $\Psi = 0.045$ ) | 1,1         |
|                                                                                     |                                                                                                                                    |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,4         |

Uf izračuni su sa XPS ispunom u profilima  
Uf calculations are with XPS isolation in the profiles

+ Presjeci sa profilom krila FT-1421F  
+ Cross sections with sash profile FT-1421F

|  |                                                                                                                         | Uf1<br>W/m2K | Uf2<br>W/m2K | Uf3<br>W/m2K | Uf4<br>W/m2K | Uf5<br>W/m2K | Uf6<br>W/m2K | Uf7<br>W/m2K | Ug<br>W/m2K               | Uw<br>W/m2K |
|--|-------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------|-------------|
|  | Termo 65 plus<br>-ulazna vrata<br>otva.unutra-<br>-entrance door<br>inwa.opening-<br>(1100x2200)                        |              | 1,3          |              |              |              |              | 2,1          | 0,7<br>( $\Psi = 0.045$ ) | 1,0         |
|  |                                                                                                                         |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,3         |
|  | Termo 65 plus<br>-dvokrilna<br>ulazna vrata<br>otva.unutra-<br>-double<br>entrance door<br>inwa.opening-<br>(1600x2200) |              | 1,3          |              | 1,4          |              |              | 2,1          | 0,7<br>( $\Psi = 0.045$ ) | 1,1         |
|  |                                                                                                                         |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,4         |
|  | Termo 65 plus<br>-fiksno-<br>-fixed pane-<br>(1230x1480)                                                                | 1,3          |              |              |              |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 0,95        |
|  |                                                                                                                         |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,3         |
|  | Termo 65 plus<br>-otkl.-zao.s<br>fiks. dijelom-<br>-tilt & turn with<br>fixed pane-<br>(1600x1480)                      | 1,3          | 1,6          | 1,5          |              |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 1,0         |
|  |                                                                                                                         |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,4         |
|  | Termo 65 plus<br>-otklopno<br>-zaokretno-<br>- tilt & turn<br>window-<br>(1230x1480)                                    |              | 1,6          |              |              |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 1,0         |
|  |                                                                                                                         |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,3         |
|  | Termo 65 plus<br>-dvokrilno<br>otklopno<br>-zaokretno-<br>-double sash<br>tilt & turn<br>window-<br>(1230x1480)         |              | 1,6          |              | 1,6          |              |              |              | 0,7<br>( $\Psi = 0.045$ ) | 1,1         |
|  |                                                                                                                         |              |              |              |              |              |              |              | 1,1<br>( $\Psi = 0.050$ ) | 1,4         |

Uf izračuni su sa XPS ispunom u profilima  
Uf calculations are with XPS isolation in the profiles

° Presjeci sa profilom krila FT-1422F

° Cross sections with sash profile FT-1422F

- Presjeci sa profilom krila FT-1475F (skriveno krilo)

- Cross sections with profile FT-1475F (hidden sash)

Proračun koeficijenta prolaza topline  
Calculation of thermal transmittance

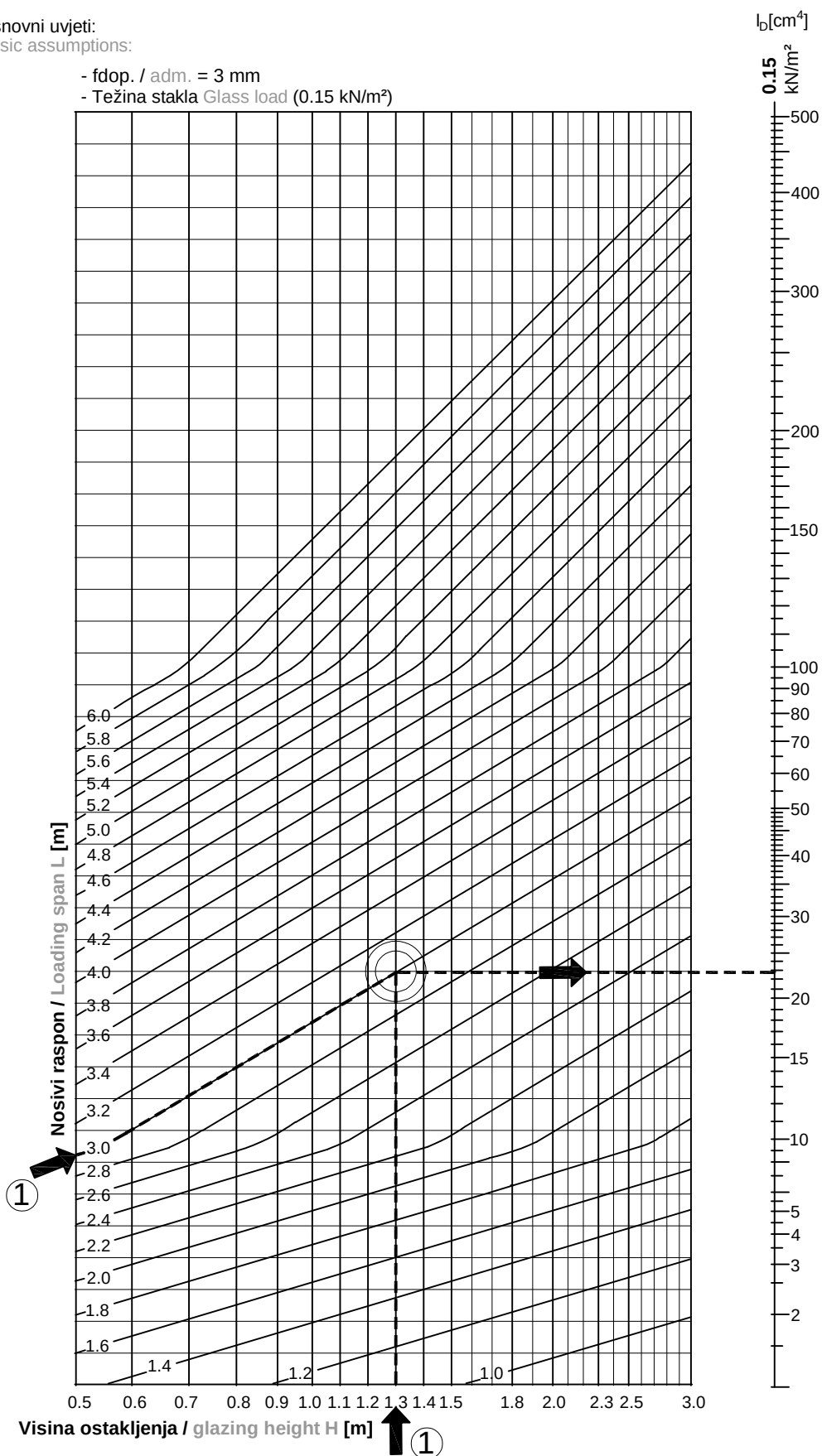
<http://termika.feal.ba/>



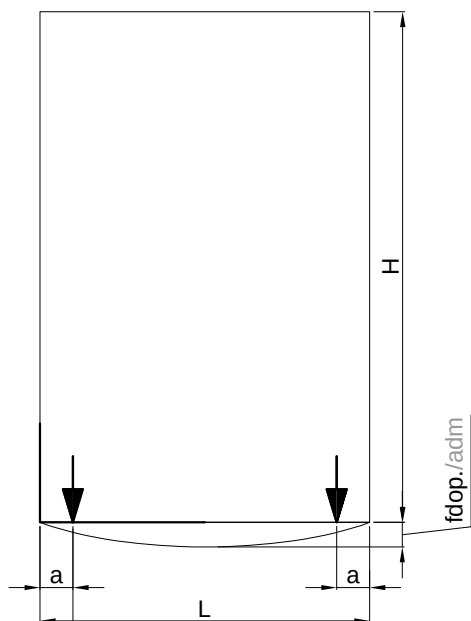
## Statički dijagram težina stakla   Structural diagram glass load

Osnovni uvjeti:  
Basic assumptions:

- fdop. / adm. = 3 mm
- Težina stakla Glass load (0.15 kN/m<sup>2</sup>)



## 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/m<sup>2</sup>  
Determination of required moment  $I_y$  under unit load 0.15 kN/m<sup>2</sup>za / for  $q_s$  0.15 kN/m<sup>2</sup> $I_{y0.15} = 23 \text{ cm}^4$  (① dijagram / diagram)3. Određivanje potrebnog momenta  $I_x$  pod opterećenjem na objektu  
Determination of required moment  $I_x$  under load on the building

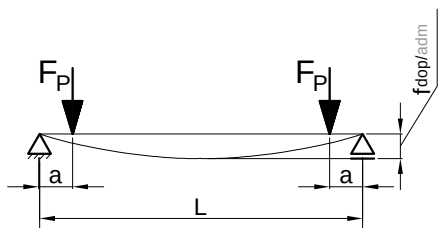
Debljina stakla Glass thickness D=20 mm ==&gt; K=3.33

Potrebni / required  $I_y = K_{20} \cdot I_{y0.15} = (3.33) \cdot 23 \text{ cm}^4 = 77 \text{ cm}^4$ 4. Odabrati profil iz tablice  
Select the profile from the table

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

## Statičke jednadžbe

Nosac na dva oslonca / Beam on 2 supports



a = 150 mm fiksno / fixed

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

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

$I_y$  (cm<sup>4</sup>) = 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/cm<sup>2</sup>) = Težina stakla / Glass weight  
 $f_{dop./adm.}$  (cm) = dop.progib / adm. deflection

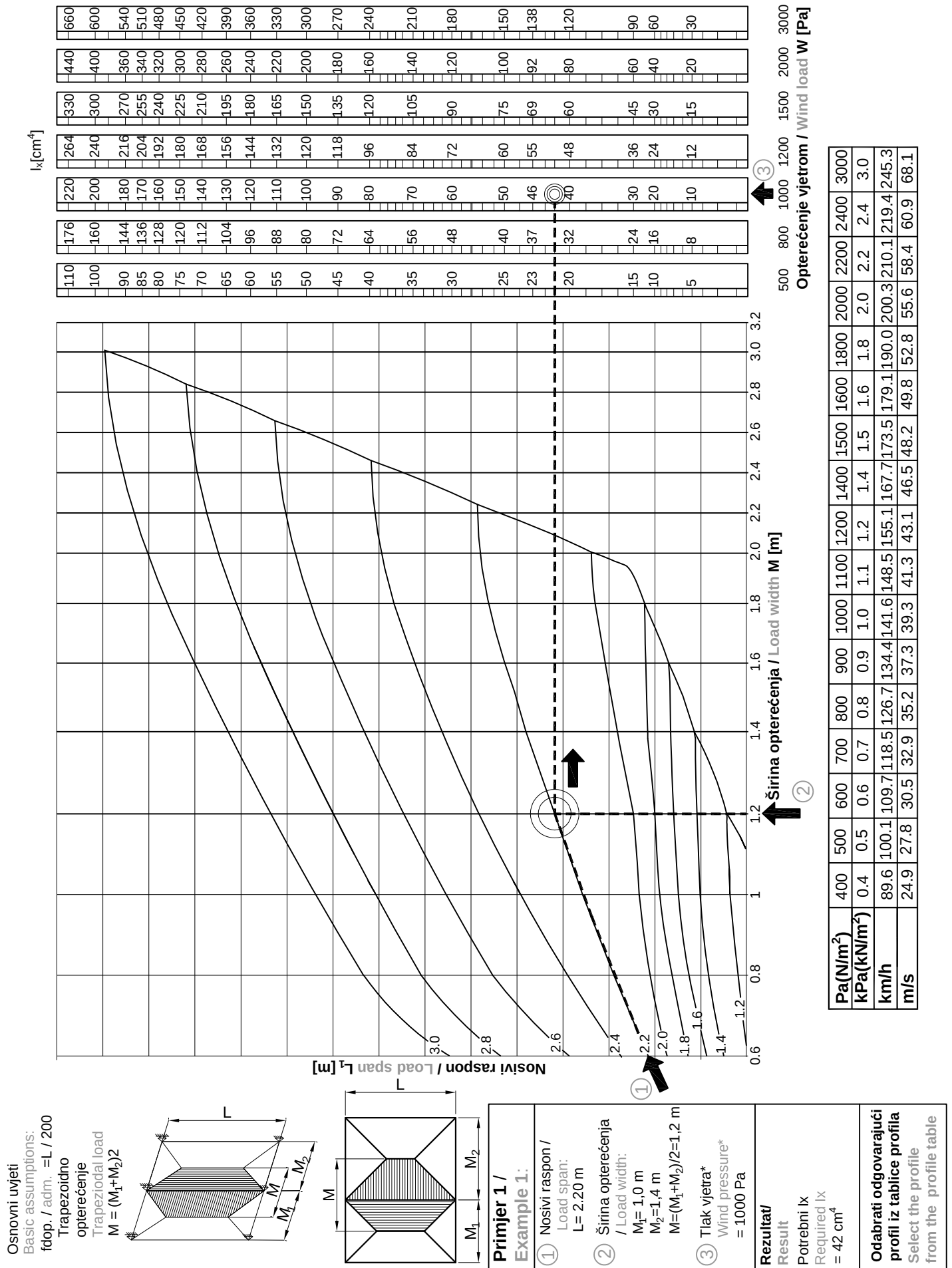
Tablica 1. Težina stakla  
Table 1. Glass weight

| Koeficijent K<br>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 <sup>2</sup>                           | 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 <sup>2</sup>                           | 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<br>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   |

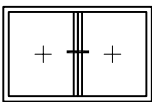
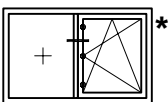
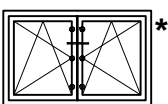
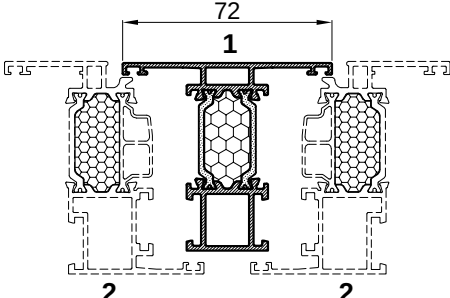
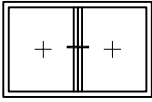
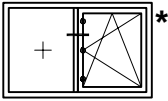
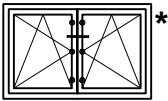
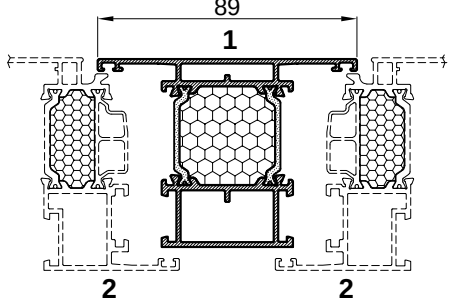
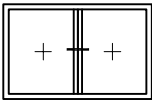
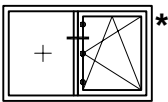
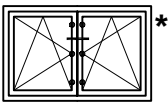
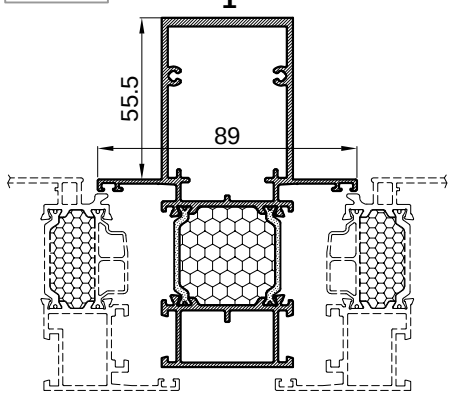


## Statički dijagram -opterećenje vjetrom Structural diagram of wind load

Trokutasto i trapezoidno opterećenje Triangular and trapezoidal load



Vrijednosti momenta inercije  
Moment of inertia values

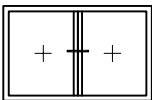
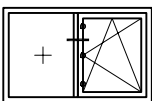
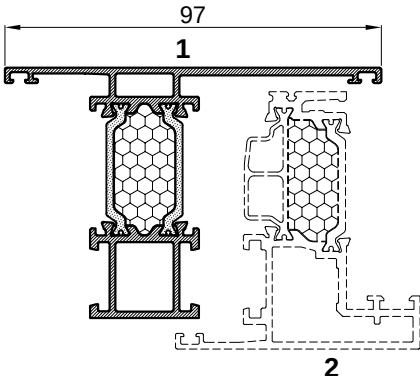
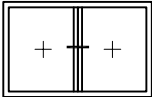
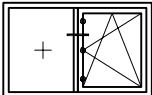
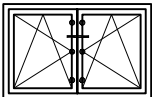
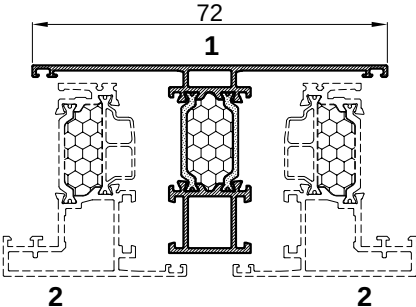
| Tip otvaranja<br>Opening type                                                                                                                                                                                                                                                                                              | Izgled<br>View                                                                                                                                                                                                                                                       | Profili /Profiles<br>1+2          | I <sub>x</sub> (cm <sup>4</sup> ) | Profili /Profiles<br>2+1+2 | I <sub>x</sub> (cm <sup>4</sup> ) |                 |        |                         |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------|-----------------------------------|-----------------|--------|-------------------------|--------|
| <div><p>1</p></div> <div><p>1+2</p></div> <div><p>2+1+2</p></div>       | <div>M 1:1.333</div> <div></div> <div><table><tr><th>Profil /Profile<br/>1</th><th>I<sub>x</sub> (cm<sup>4</sup>)</th></tr><tr><td>FT-1440</td><td>18.24</td></tr></table></div>    | Profil /Profile<br>1              | I <sub>x</sub> (cm <sup>4</sup> ) | FT-1440                    | 18.24                             | FT-1440+FT-1420 | 42.93  | FT-1420+FT-1440+FT-1420 | 67.62  |
|                                                                                                                                                                                                                                                                                                                            | Profil /Profile<br>1                                                                                                                                                                                                                                                 | I <sub>x</sub> (cm <sup>4</sup> ) |                                   |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440                                                                                                                                                                                                                                                              | 18.24                             |                                   |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1421                                                                                                                                                                                                                                                      | 51.89                             | FT-1421+FT-1440+FT-1421           | 85.54                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1422                                                                                                                                                                                                                                                      | 56.77                             | FT-1422+FT-1440+FT-1422           | 95.30                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1423                                                                                                                                                                                                                                                      | 41.69                             | FT-1423+FT-1440+FT-1423           | 65.14                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1424                                                                                                                                                                                                                                                      | 51.80                             | FT-1424+FT-1440+FT-1424           | 85.36                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1425                                                                                                                                                                                                                                                      | 56.61                             | FT-1425+FT-1440+FT-1425           | 94.98                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1428                                                                                                                                                                                                                                                      | 42.45                             | FT-1428+FT-1440+FT-1428           | 66.66                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1430                                                                                                                                                                                                                                                      | 43.11                             | FT-1430+FT-1440+FT-1430           | 67.98                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1431                                                                                                                                                                                                                                                      | 52.36                             | FT-1431+FT-1440+FT-1431           | 86.48                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1432                                                                                                                                                                                                                                                      | 41.86                             | FT-1432+FT-1440+FT-1432           | 65.48                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1440+FT-1433                                                                                                                                                                                                                                                      | 52.28                             | FT-1433+FT-1440+FT-1433           | 86.32                      |                                   |                 |        |                         |        |
| FT-1440+FT-1434                                                                                                                                                                                                                                                                                                            | 42.62                                                                                                                                                                                                                                                                | FT-1434+FT-1440+FT-1434           | 67.00                             |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                      |                                   |                                   |                            |                                   |                 |        |                         |        |
| <div><p>1</p></div> <div><p>1+2</p></div> <div><p>2+1+2</p></div>  | <div>M 1:1.333</div> <div></div> <div><table><tr><th>Profil /Profile<br/>1</th><th>I<sub>x</sub> (cm<sup>4</sup>)</th></tr><tr><td>FT-1441</td><td>23.85</td></tr></table></div>   | Profil /Profile<br>1              | I <sub>x</sub> (cm <sup>4</sup> ) | FT-1441                    | 23.85                             | FT-1441+FT-1420 | 48.54  | FT-1420+FT-1441+FT-1420 | 73.23  |
|                                                                                                                                                                                                                                                                                                                            | Profil /Profile<br>1                                                                                                                                                                                                                                                 | I <sub>x</sub> (cm <sup>4</sup> ) |                                   |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441                                                                                                                                                                                                                                                              | 23.85                             |                                   |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1421                                                                                                                                                                                                                                                      | 57.50                             | FT-1421+FT-1441+FT-1421           | 91.15                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1422                                                                                                                                                                                                                                                      | 62.38                             | FT-1422+FT-1441+FT-1422           | 100.91                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1423                                                                                                                                                                                                                                                      | 47.30                             | FT-1423+FT-1441+FT-1423           | 70.75                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1424                                                                                                                                                                                                                                                      | 57.41                             | FT-1424+FT-1441+FT-1424           | 90.97                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1425                                                                                                                                                                                                                                                      | 62.22                             | FT-1425+FT-1441+FT-1425           | 100.59                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1428                                                                                                                                                                                                                                                      | 48.06                             | FT-1428+FT-1441+FT-1428           | 72.27                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1430                                                                                                                                                                                                                                                      | 48.72                             | FT-1430+FT-1441+FT-1430           | 73.59                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1431                                                                                                                                                                                                                                                      | 57.97                             | FT-1431+FT-1441+FT-1431           | 92.09                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1432                                                                                                                                                                                                                                                      | 47.47                             | FT-1432+FT-1441+FT-1432           | 71.09                      |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1433                                                                                                                                                                                                                                                      | 57.89                             | FT-1433+FT-1441+FT-1433           | 91.93                      |                                   |                 |        |                         |        |
| FT-1441+FT-1434                                                                                                                                                                                                                                                                                                            | 48.23                                                                                                                                                                                                                                                                | FT-1434+FT-1441+FT-1434           | 72.61                             |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                      |                                   |                                   |                            |                                   |                 |        |                         |        |
| <div><p>1</p></div> <div><p>1+2</p></div> <div><p>2+1+2</p></div> | <div>M 1:1.333</div> <div></div> <div><table><tr><th>Profil /Profile<br/>1</th><th>I<sub>x</sub> (cm<sup>4</sup>)</th></tr><tr><td>FT-1448</td><td>106.88</td></tr></table></div> | Profil /Profile<br>1              | I <sub>x</sub> (cm <sup>4</sup> ) | FT-1448                    | 106.88                            | FT-1441+FT-1420 | 131.57 | FT-1420+FT-1441+FT-1420 | 156.26 |
|                                                                                                                                                                                                                                                                                                                            | Profil /Profile<br>1                                                                                                                                                                                                                                                 | I <sub>x</sub> (cm <sup>4</sup> ) |                                   |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1448                                                                                                                                                                                                                                                              | 106.88                            |                                   |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1421                                                                                                                                                                                                                                                      | 140.53                            | FT-1421+FT-1441+FT-1421           | 174.18                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1422                                                                                                                                                                                                                                                      | 145.41                            | FT-1422+FT-1441+FT-1422           | 183.94                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1423                                                                                                                                                                                                                                                      | 130.33                            | FT-1423+FT-1441+FT-1423           | 153.75                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1424                                                                                                                                                                                                                                                      | 140.44                            | FT-1424+FT-1441+FT-1424           | 174.00                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1425                                                                                                                                                                                                                                                      | 145.25                            | FT-1425+FT-1441+FT-1425           | 183.62                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1428                                                                                                                                                                                                                                                      | 131.09                            | FT-1428+FT-1441+FT-1428           | 155.30                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1430                                                                                                                                                                                                                                                      | 131.75                            | FT-1430+FT-1441+FT-1430           | 156.62                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1431                                                                                                                                                                                                                                                      | 141.00                            | FT-1431+FT-1441+FT-1431           | 175.12                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1432                                                                                                                                                                                                                                                      | 130.50                            | FT-1432+FT-1441+FT-1432           | 154.12                     |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            | FT-1441+FT-1433                                                                                                                                                                                                                                                      | 140.92                            | FT-1433+FT-1441+FT-1433           | 174.96                     |                                   |                 |        |                         |        |
| FT-1441+FT-1434                                                                                                                                                                                                                                                                                                            | 131.26                                                                                                                                                                                                                                                               | FT-1434+FT-1441+FT-1434           | 155.64                            |                            |                                   |                 |        |                         |        |
|                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                      |                                   |                                   |                            |                                   |                 |        |                         |        |

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

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



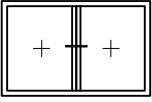
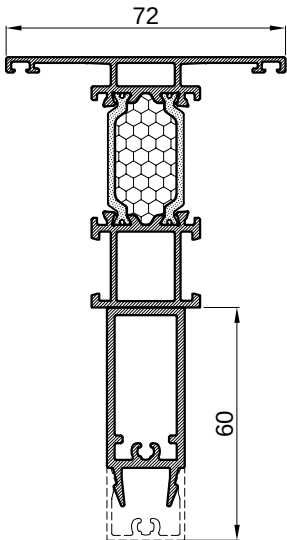
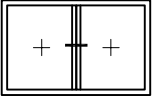
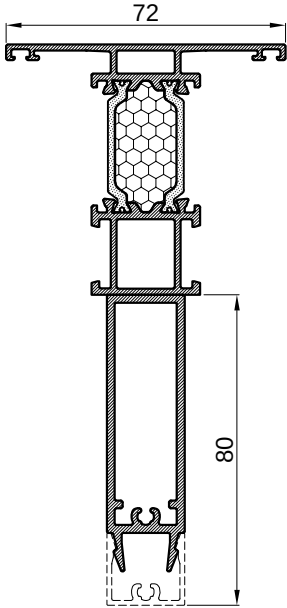
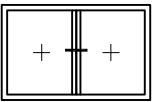
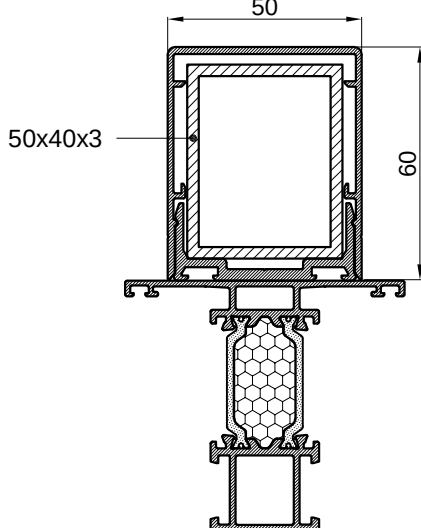
### Vrijednosti momenta inercije Moment of inertia values

| Tip otvaranja<br>Opening type                                                                                                                                                                                                                                                                                       | Izgled<br>View                                                                                                                                                                                                                                                           | Profili /Profiles<br>1+2 | I <sub>x</sub> (cm <sup>4</sup> ) | Profili /Profiles<br>2+1+2 | I <sub>x</sub> (cm <sup>4</sup> ) |                         |       |                                   |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------|----------------------------|-----------------------------------|-------------------------|-------|-----------------------------------|-------|
| <div><br/>1</div> <div><br/>1+2</div>                                                                                                             | <div>M 1:1</div> <div><br/>2</div> <div><table><tr><th>Profil /Profile<br/>1</th><th>I<sub>x</sub> (cm<sup>4</sup>)</th></tr><tr><td>FT-1481</td><td>20.55</td></tr></table></div>      | Profil /Profile<br>1     | I <sub>x</sub> (cm <sup>4</sup> ) | FT-1481                    | 20.55                             | FT-1481<br>+<br>FT-1475 | 38.93 |                                   |       |
|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          | Profil /Profile<br>1     | I <sub>x</sub> (cm <sup>4</sup> ) |                            |                                   |                         |       |                                   |       |
|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          | FT-1481                  | 20.55                             |                            |                                   |                         |       |                                   |       |
|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          |                          |                                   |                            |                                   |                         |       |                                   |       |
| <div><br/>1</div> <div><br/>1+2</div> <div><br/>2+1+2</div> | <div>M 1:1.333</div> <div><br/>2</div> <div><table><tr><th>Profil /Profile<br/>1</th><th>I<sub>x</sub> (cm<sup>4</sup>)</th></tr><tr><td>FT-1480</td><td>22.00</td></tr></table></div> | Profil /Profile<br>1     | I <sub>x</sub> (cm <sup>4</sup> ) | FT-1480                    | 22.00                             | FT-1480<br>+<br>FT-1475 | 40.38 | FT-1475 + FT-1480<br>+<br>FT-1475 | 58.76 |
|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          | Profil /Profile<br>1     | I <sub>x</sub> (cm <sup>4</sup> ) |                            |                                   |                         |       |                                   |       |
|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          | FT-1480                  | 22.00                             |                            |                                   |                         |       |                                   |       |
|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          |                          |                                   |                            |                                   |                         |       |                                   |       |
|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                          |                          |                                   |                            |                                   |                         |       |                                   |       |

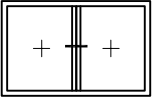
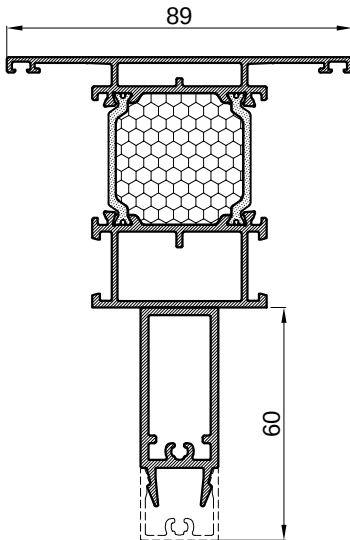
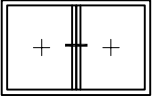
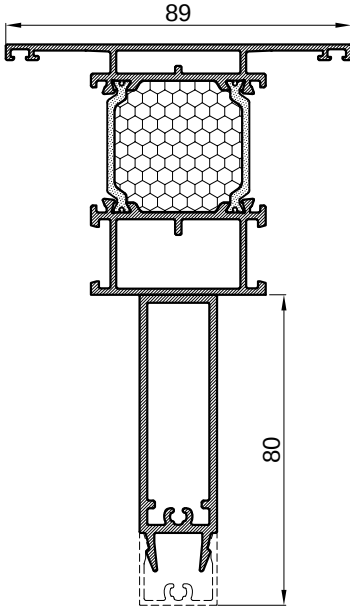
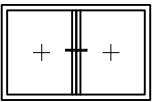
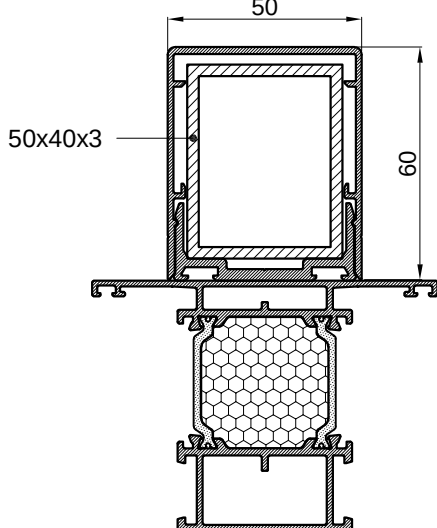
\* Preduvjet: minimalno tri točke ključanja, s maksimalnim međusobnim razmakom 800 mm

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

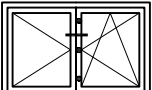
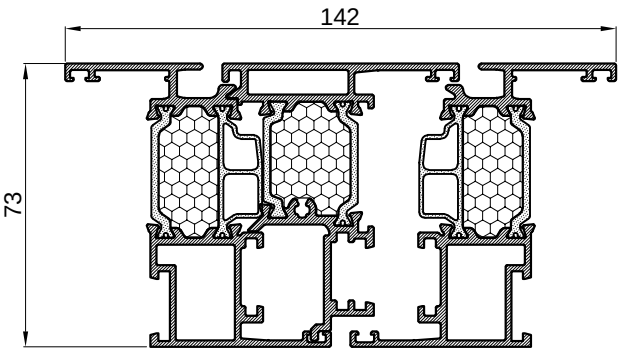
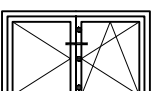
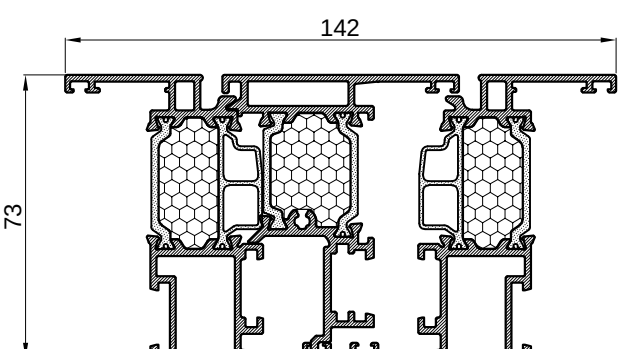
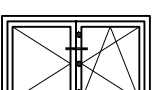
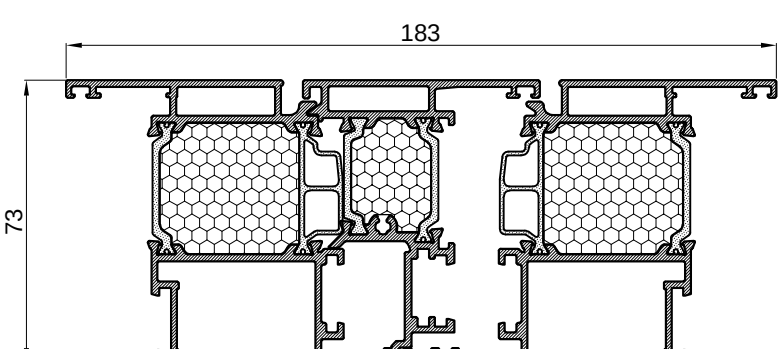
Vrijednosti momenta inercije  
Moment of inertia values

| Tip otvaranja<br>Opening type                                                       | Izgled<br>View                                                                      | Profili<br>Profiles                       | $I_x$ (cm <sup>4</sup> ) |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|
|    |    | FT-1440<br>i<br>F-1634                    | <b>77.47</b>             |
|  |   | FT-1440<br>i<br>NP-4183                   | <b>119.45</b>            |
|  |  | FT-1440<br>i<br>čelični profil<br>50x40x3 | <b>157.74</b>            |

Vrijednosti momenta inercije  
Moment of inertia values

| Tip otvaranja<br>Opening type                                                       | Izgled<br>View                                                                      | Profili<br>Profiles                       | $I_x$ (cm <sup>4</sup> ) |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|
|    |    | FT-1441<br>i<br>F-1634                    | <b>87.37</b>             |
|  |   | FT-1441<br>i<br>NP-4183                   | <b>133.68</b>            |
|  |  | FT-1441<br>i<br>čelični profil<br>50x40x3 | <b>182.47</b>            |

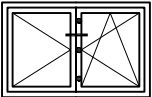
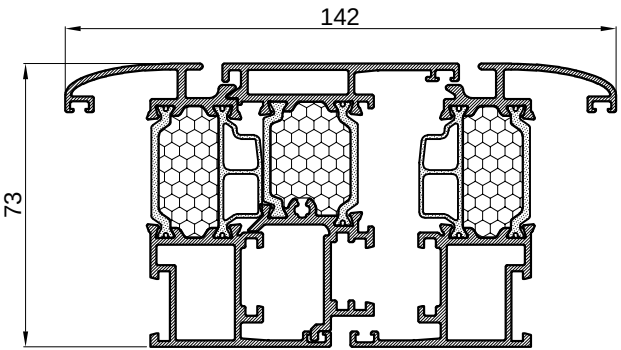
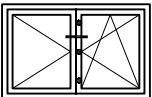
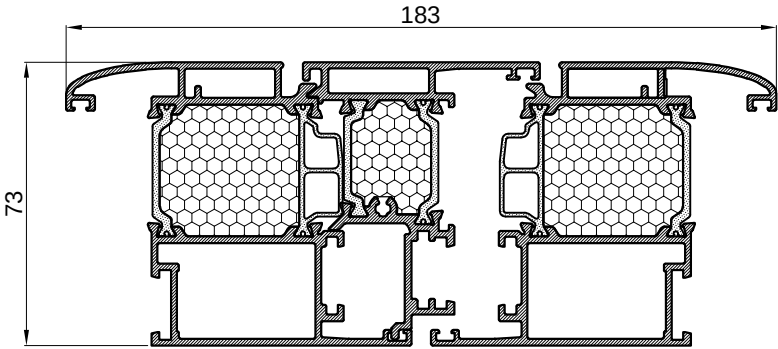
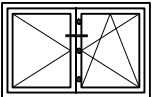
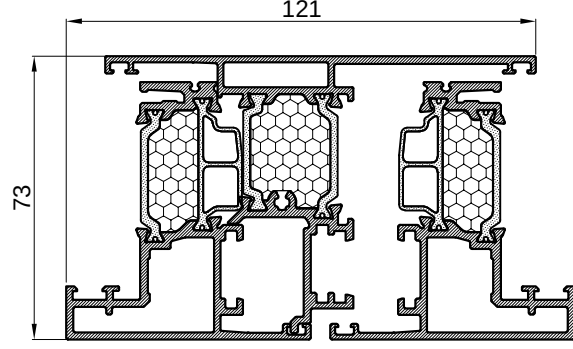
Vrijednosti momenta inercije  
Moment of inertia values

| Tip otvaranja<br>Opening type                                                       | Izgled<br>View                                                                       | Profili<br>Profiles                       | $I_x$ (cm <sup>4</sup> ) |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|
|    |    | (FT-1428<br>i<br>FT-1450)<br>+<br>FT-1428 | <b>68.85</b>             |
|  |  | (FT-1420<br>i<br>FT-1450)<br>+<br>FT-1420 | <b>69.65</b>             |
|  |  | (FT-1421<br>i<br>FT-1450)<br>+<br>FT-1421 | <b>87.33</b>             |

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

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

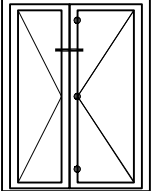
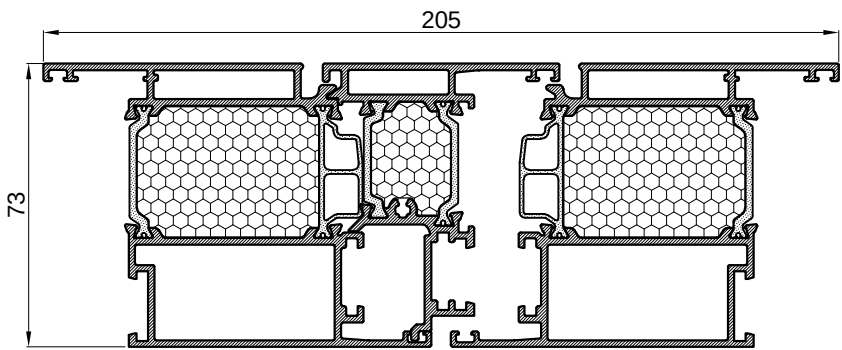
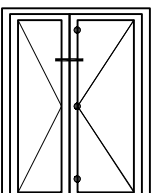
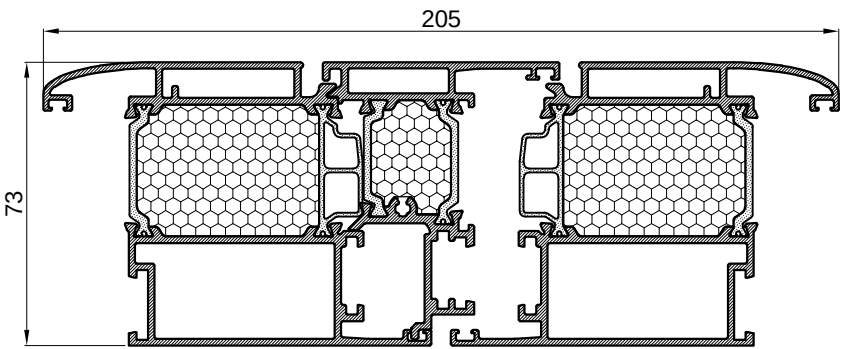
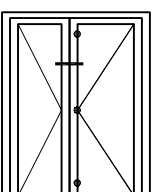
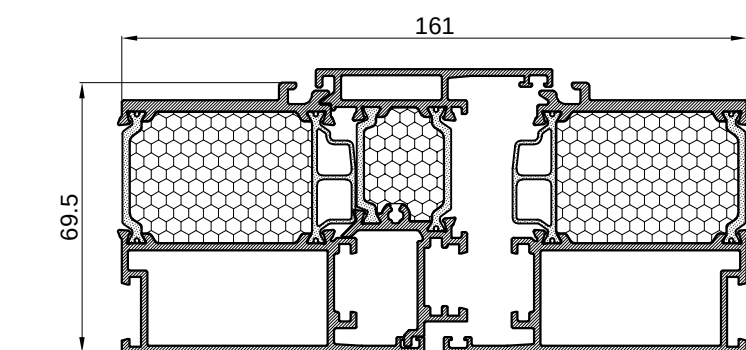
Vrijednosti momenta inercije  
Moment of inertia values

| Tip otvaranja<br>Opening type                                                       | Izgled<br>View                                                                                    | Profili<br>Profiles                       | $I_x$ (cm <sup>4</sup> ) |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|
|    | <p>M 1:1</p>    | (FT-1423<br>i<br>FT-1450)<br>+<br>FT-1423 | <b>67.46</b>             |
|  | <p>M 1:1</p>  | (FT-1424<br>i<br>FT-1450)<br>+<br>FT-1424 | <b>87.06</b>             |
|  | <p>M 1:1</p>  | (FT-1475<br>i<br>FT-1490)<br>+<br>FT-1475 | <b>71.95</b>             |

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

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

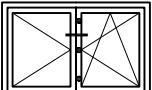
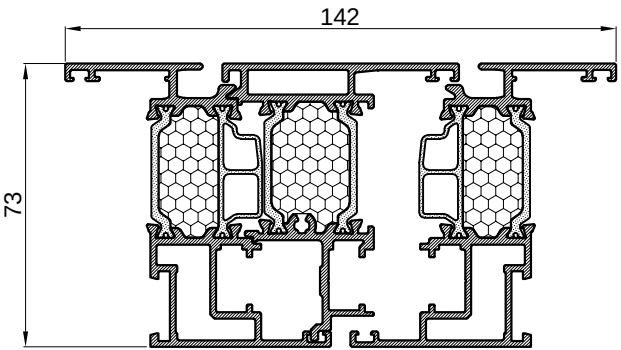
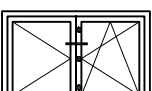
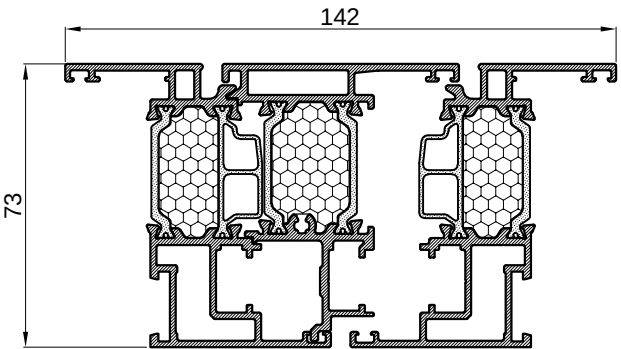
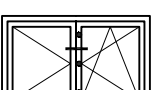
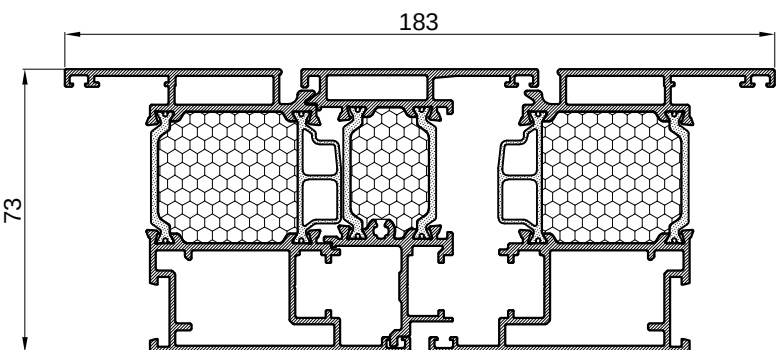
Vrijednosti momenta inercije  
Moment of inertia values

| Tip otvaranja<br>Opening type                                                       | Izgled<br>View                                                                       | Profili<br>Profiles                       | $I_x$ (cm <sup>4</sup> ) |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|
|    |    | (FT-1422<br>i<br>FT-1450)<br>+<br>FT-1422 | <b>92.00</b>             |
|  |  | (FT-1425<br>i<br>FT-1450)<br>+<br>FT-1425 | <b>91.87</b>             |
|  |  | (FT-1429<br>i<br>FT-1450)<br>+<br>FT-1429 | <b>78.66</b>             |

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

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

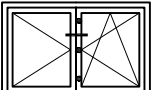
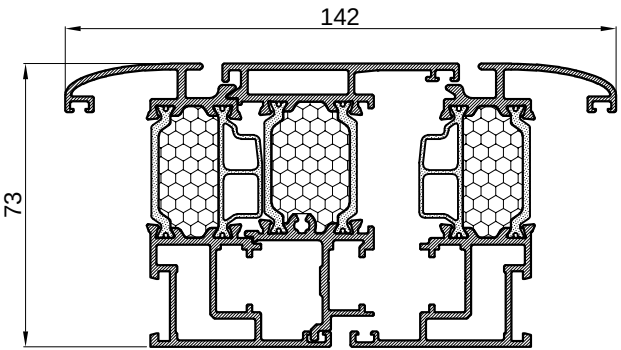
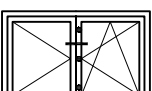
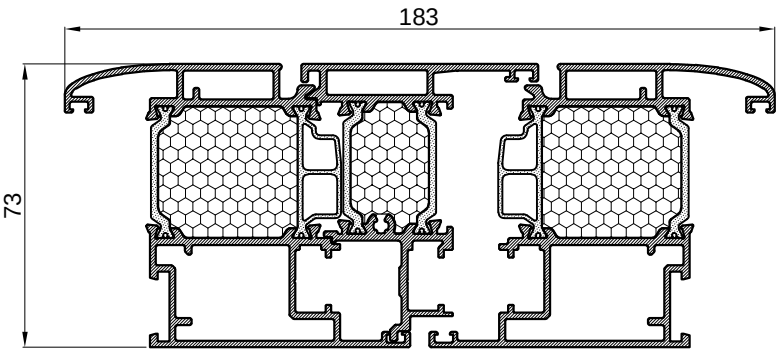
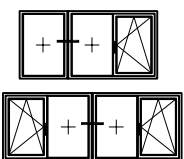
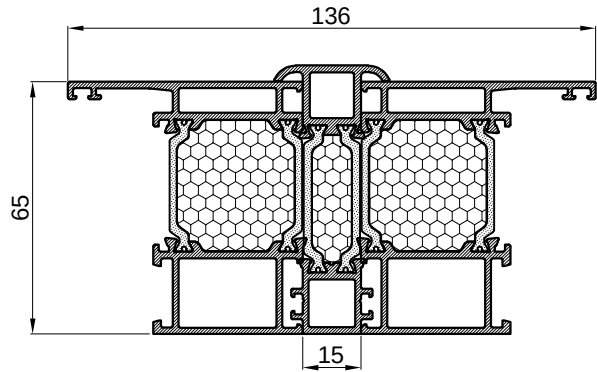
Vrijednosti momenta inercije  
Moment of inertia values

| Tip otvaranja<br>Opening type                                                       | Izgled<br>View                                                                       | Profili<br>Profiles                       | $I_x$ (cm <sup>4</sup> ) |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|
|    |    | (FT-1434<br>i<br>FT-1451)<br>+<br>FT-1434 | <b>68.90</b>             |
|  |  | (FT-1430<br>i<br>FT-1451)<br>+<br>FT-1430 | <b>69.71</b>             |
|  |  | (FT-1431<br>i<br>FT-1451)<br>+<br>FT-1431 | <b>88.05</b>             |

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

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

Vrijednosti momenta inercije  
Moment of inertia values

| Tip otvaranja<br>Opening type                                                       | Izgled<br>View                                                                                    | Profili<br>Profiles                       | $I_x$ (cm <sup>4</sup> ) |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|
|    | <p>M 1:1</p>    | (FT-1432<br>i<br>FT-1451)<br>+<br>FT-1432 | <b>67.51</b>             |
|  | <p>M 1:1</p>  | (FT-1433<br>i<br>FT-1451)<br>+<br>FT-1433 | <b>87.80</b>             |
|  | <p>M 1:1</p>  | FT-1400<br>i<br>FT-1457<br>i<br>FT-1400   | <b>53.83</b>             |

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

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



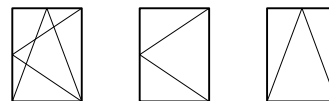
### PREPORUKE ZA ODABIR PROFILA KRILA OVISNO O VELIČINI KRILA RECOMMENDATIONS FOR SELECTION OF SASH PROFILE BASED ON THE SASH SIZE

Grupa A - profili krila za prozore

Grupa B - profili krila za prozore i balkonska vrata

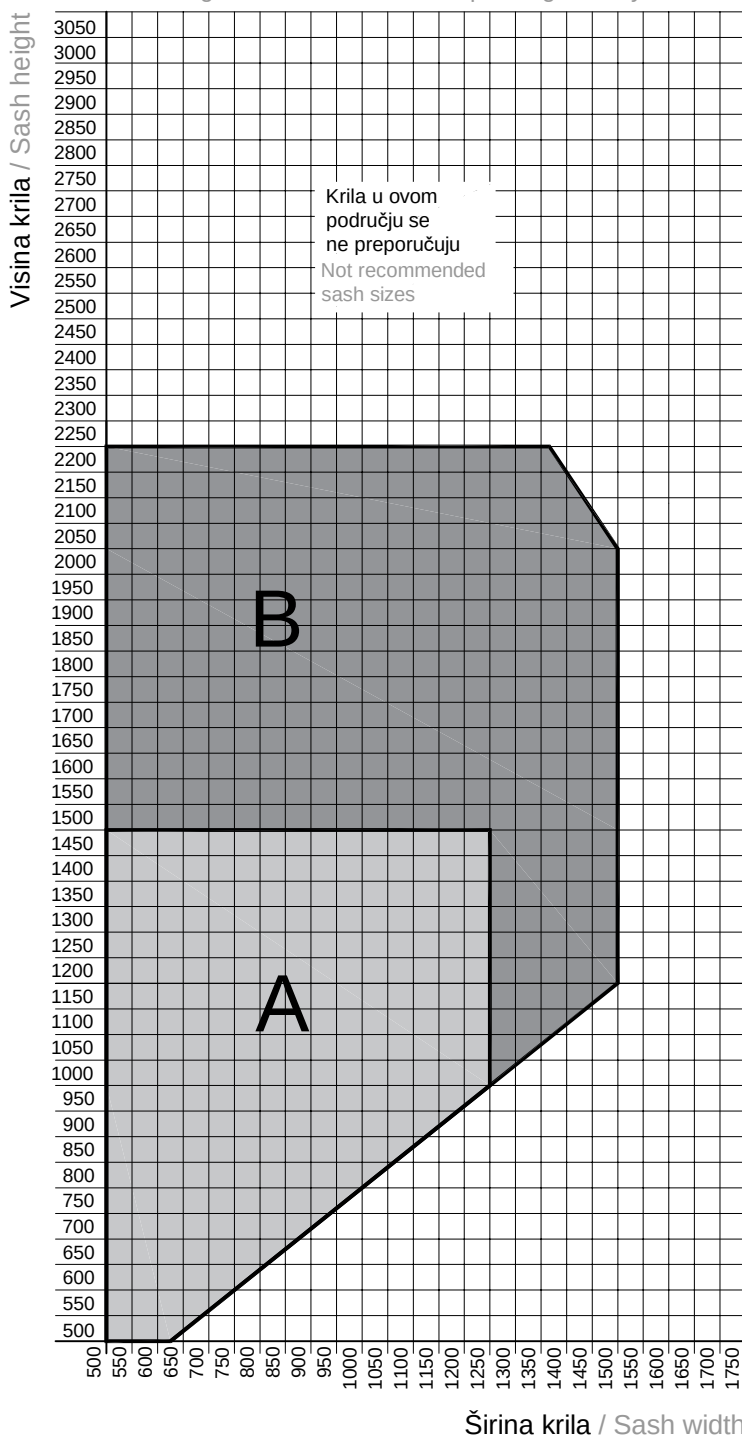
Group A - sash profiles for windows

Group B - sash profiles for windows and balcony doors



Dijagram veličina krila ovisan o geometriji profila krila

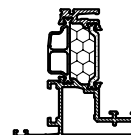
Sash size diagram based on the sash profile geometry



#### Grupa A

$A \leq 60$  kg

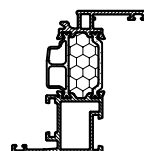
FT-1475F



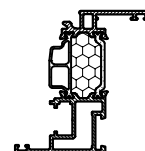
#### Grupa A

$A \leq 90$  kg

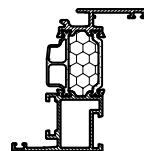
FT-1420F



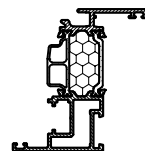
FT-1430F



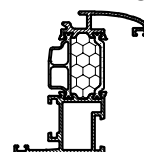
FT-1428F



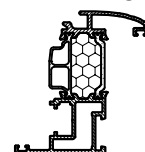
FT-1434F



FT-1423F



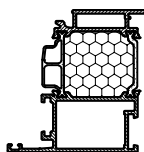
FT-1432F



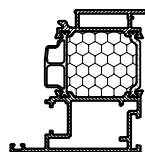
#### Grupa B

$B \leq 180$  kg

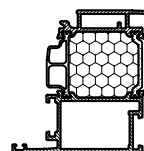
FT-1421F



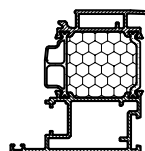
FT-1431F



FT-1424F



FT-1433F



Prije konačnog odabira profila i dimenzija krila

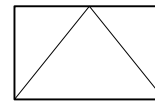
uzeti u obzir i dijagrame za okove!

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

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

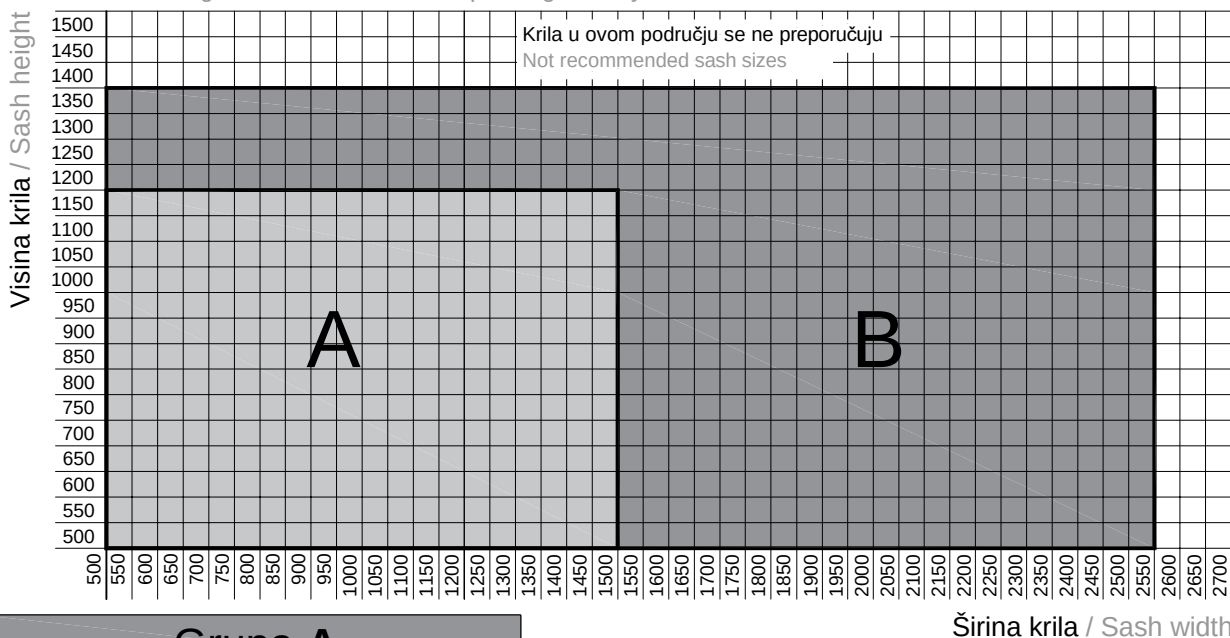
Grupa A i B - profili krila za prozore

Group A and B - sash profiles for windows



Dijagram veličina krila ovisan o geometriji profila krila

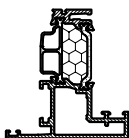
Sash size diagram based on the sash profile geometry



#### Grupa A

$A \leq 60$  kg

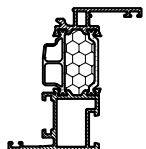
FT-1475F



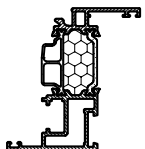
#### Grupa A

$A \leq 90$  kg

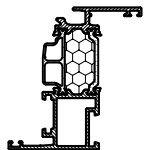
FT-1420F



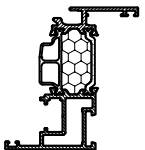
FT-1430F



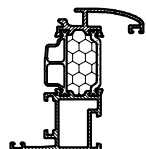
FT-1428F



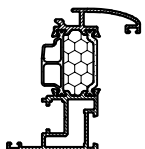
FT-1434F



FT-1423F



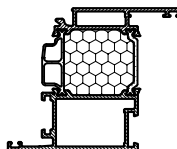
FT-1432F



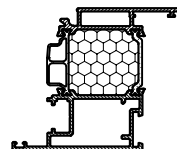
#### Grupa B

$B \leq 170$  kg

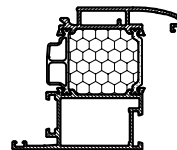
FT-1421F



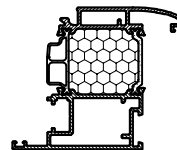
FT-1431F



FT-1424F



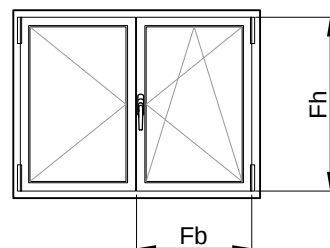
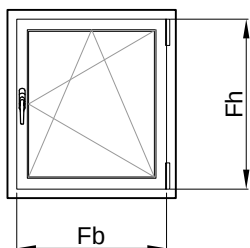
FT-1433F



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

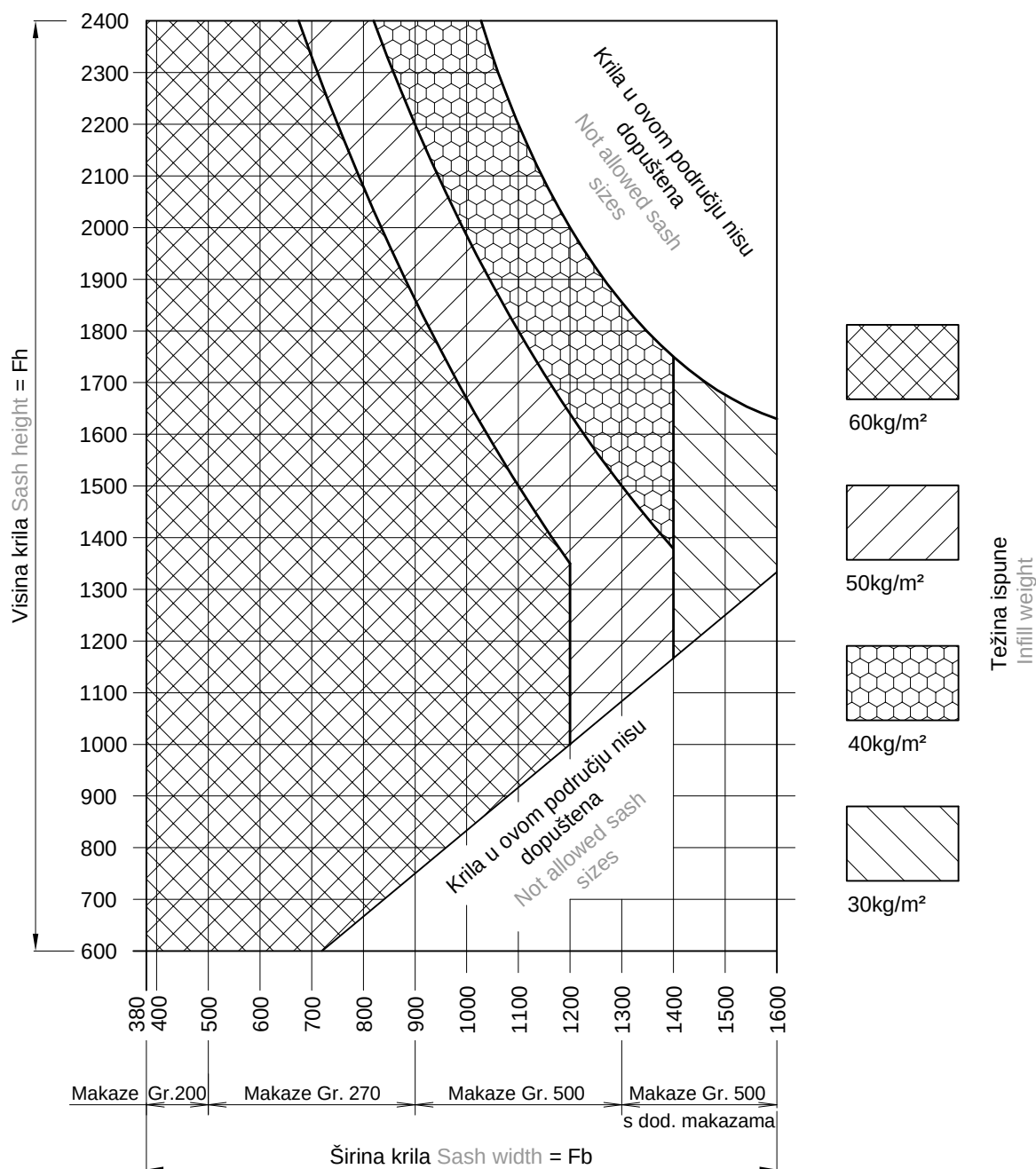
Before choosing the profile and sash dimensions observe the  
hardware application diagrams!

- DIJAGRAM ZA GLAVNO KRILO OTKLOPNO-ZAOKRETNOG 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

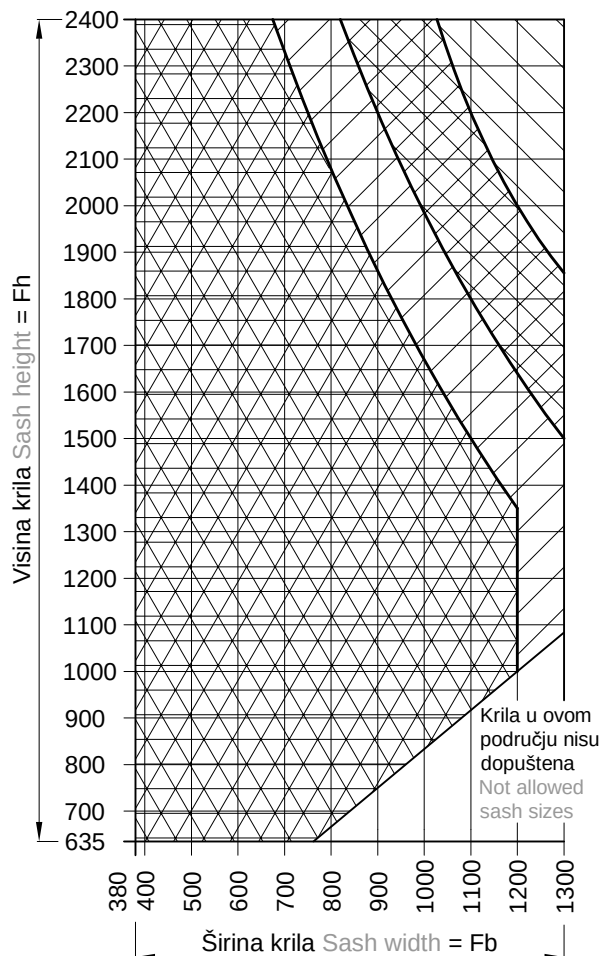
Diagram for selection of allowed sash size  
for weight of 100 Kg



- 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**

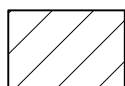
Diagram for selection of allowed height of auxiliary sash maximal weight **100kg**



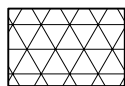
30kg/m<sup>2</sup>



40kg/m<sup>2</sup>

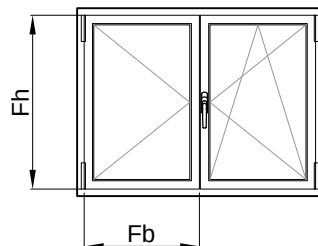


50kg/m<sup>2</sup>

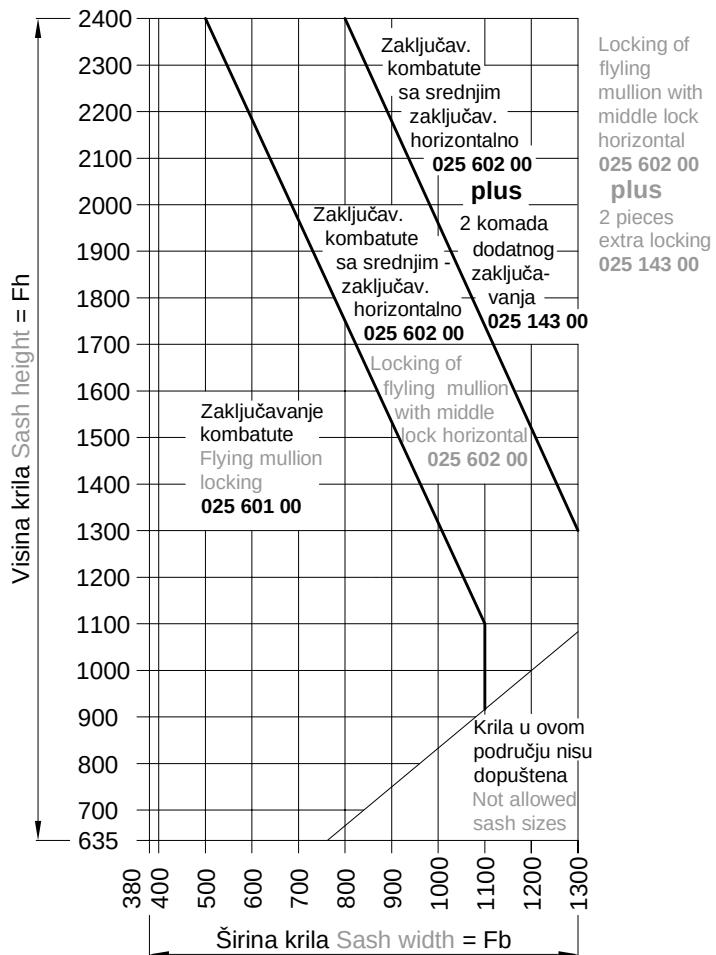


60kg/m<sup>2</sup>

Težina ispunje  
Infill weight



Dijagram za izbor varijante okova  
Diagram for selection of hardware



### 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:

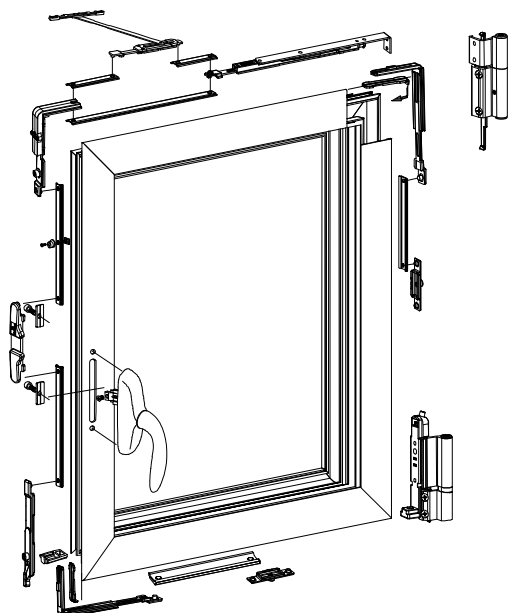
Table of loads:

4030.00, 4035.00

4031.00, 4036.00

4032.00, 4037.00

4033.00, 4038.00

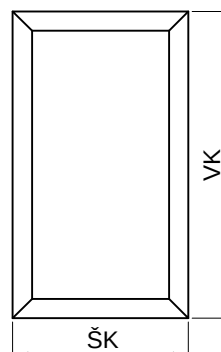


Debljina stakla (mm)

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)<br>ŠK(mm) | 425 | 535 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |

**x** Neizvedivo / Unfeasible



Debljina stakla  
Glass thickness

| mm | kg/m <sup>2</sup> |
|----|-------------------|
| 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:

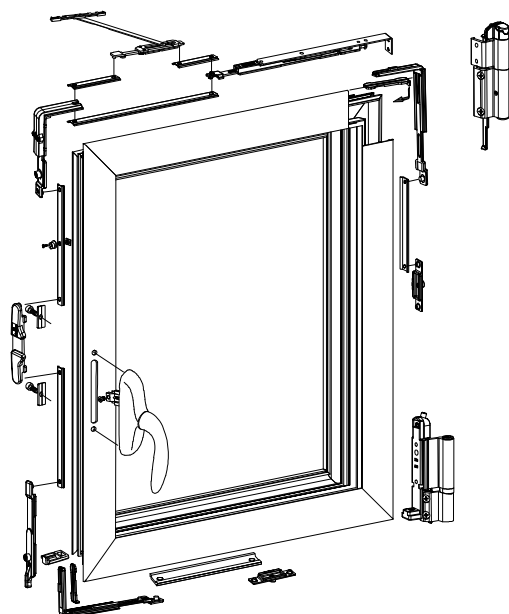
Table of loads:

4030.00U, 4035.00U

4031.00U, 4036.00U

4032.00U, 4037.00U

4033.00U, 4038.00U



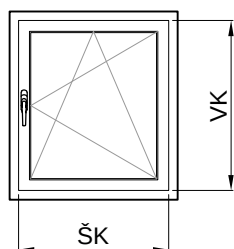
Debljina stakla (mm)

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)<br>ŠK(mm) | 425 | 535 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |

**x** Neizvedivo / Unfeasible

☒ Neizvedivo / Unfeasible

SKRIVENI OTKLOPNO-ZAKRETNI 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)<br>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  |
| 445 |      | x Neizvedivo / Unfeasible                                       |    |    |    |    |    |    |    |    |    |    |

|     |      | Maksimalna težina krila (kg)<br>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 | 95  | 87  | 80  | 74  | 69  |     |
|     | 1100 | 100                                                      | 100 | 100 | 100 | 95  | 87  | 79  | 73  | 68  | x   | 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   |
| 445 |      | x Neizvedivo / Unfeasible                                |     |     |     |     |     |     |     |     |     |     |

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

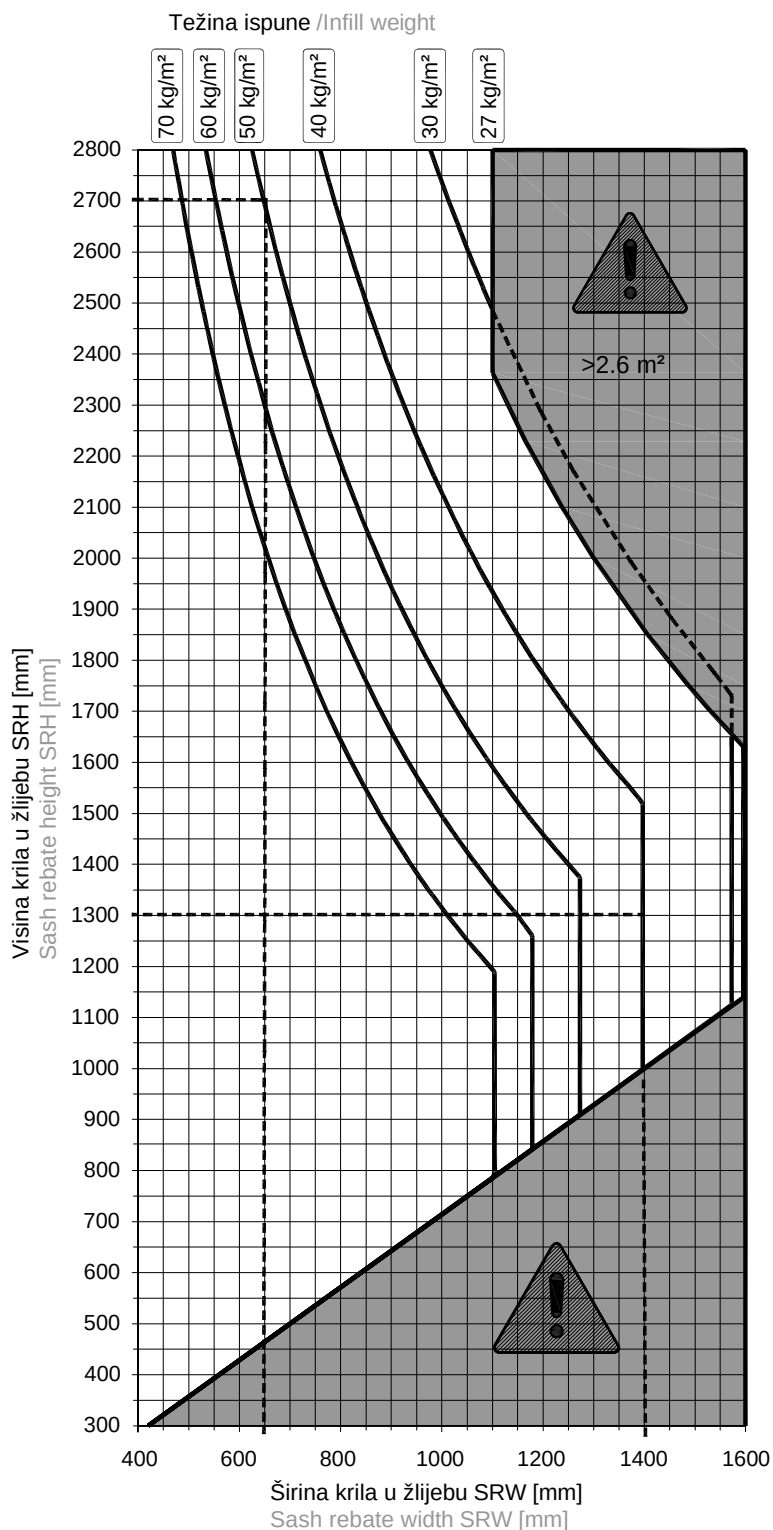
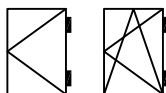
| 600 | 2800 | 35                        | 29 | 25 | 22 | 19 | 17 | 16 | 14 | 13 | 12 | 12 | x  |
|-----|------|---------------------------|----|----|----|----|----|----|----|----|----|----|----|
|     | 2700 | 37                        | 31 | 26 | 23 | 20 | 18 | 17 | 15 | 14 | 13 | 12 | x  |
|     | 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  |
| 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 | 119 | 109 | 101 | 94  | x   | 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   |
| 470 |      | x Neizvedivo / Unfeasible |     |     |     |     |     |     |     |     |     |     |     |



### Dijagram primjene UNI-JET Application diagram for UNI-JET za max. težina krila 100 kg for max. sash weight 100 kg



#### Test and calculation basis:

- Tilt&Turn test according to EN 13126-8:2017:
  - Class H3 (20,000 Tilt&Turn and Turn-Only cycles)
- Test format:
  - SRW 1300 x SRH 1200 : 100 kg

#### Preduvjeti za korištenje dijagrama primjene:

- Provjere vezane za pričvršćivanje nosivih dijelova na prozorski sustav od strane proizvođača prozora prema TBDK (TBKD smjernice) sa sljedećim silama:
  - 2710 N na ležaju
  - 2890 N na zakretnom naslonu
- Redukcija stakla  $GR \geq 28$  mm
- Težina profila  $PW \leq 3.25$  kg/m

#### Pažnja:

Najveća težina krila od 100 kg dopuštena je samo u određenim područjima dijagrama primjene. Dopušteni su samo formati krila koji se pojavljuju lijevo od odgovarajuće krivulje težine stakla.

#### ■ nedopušteni format

#### Čitanje primjera:

1. Težina ispune = 50 kg/m<sup>2</sup>  
Sa SRW = 650 mm, SRH max. = 2700 mm  
što odgovara najvećoj težini krila od 100 kg.
2. Težina ispune = 40 kg/m<sup>2</sup>  
Sa SRH = 1300 mm, SRW max = 1400 mm  
što odgovara najvećoj težini krila od 84 kg.

Ovaj dijagram primjene vrijedi samo zajedno s odgovarajućim instalacijskim crtežima

- 0-46603-DD (PVC profili)
- 0-46741-DD (alumijski profili)
- 0-48640-DD (UNI-JET SeClimate)
- 0-48764-DC, 0-48765-DC (UNI-JET RC3)

Za napomene o namjeravanoj uporabi, pogledajte 0-46789.

#### Osnova ispitivanja i izračuna:

- Test nagiba i okretanja prema EN 13126-8: 2017:
  - Klasa H3 (20.000 ciklusa okretanja i okretanja i okretanja)
- Format testa:
  - SRW 1300 x SRH 1200: 100 kg

#### Prerequisites for using the application diagram:

- Verifications regarding the attachment of load-bearing components to the window system by the window fabricator according to TBKD with the following forces:
  - 2710 N at the stay-bearing
  - 2890 N at the pivot-rest
- Glass reduction  $GR \geq 28$  mm
- Profile weight  $PW \leq 3.25$  kg/m

#### Attention:

The maximum sash weight of 100 kg is only permitted in certain areas of the application diagram. Only sash formats appearing to the left of the respective glass weight graph are permissible.

#### ■ impermissible format

#### Reading examples:

1. Infill weight = 50 kg/m<sup>2</sup>  
With SRW = 650 mm, the SRH max. = 2700 mm  
which corresponds to a maximum sash weight of 100 kg.
2. Infill weight = 40 kg/m<sup>2</sup>  
With SRH = 1300 mm, the SRW max = 1400 mm which corresponds to a maximum sash weight of 84 kg.

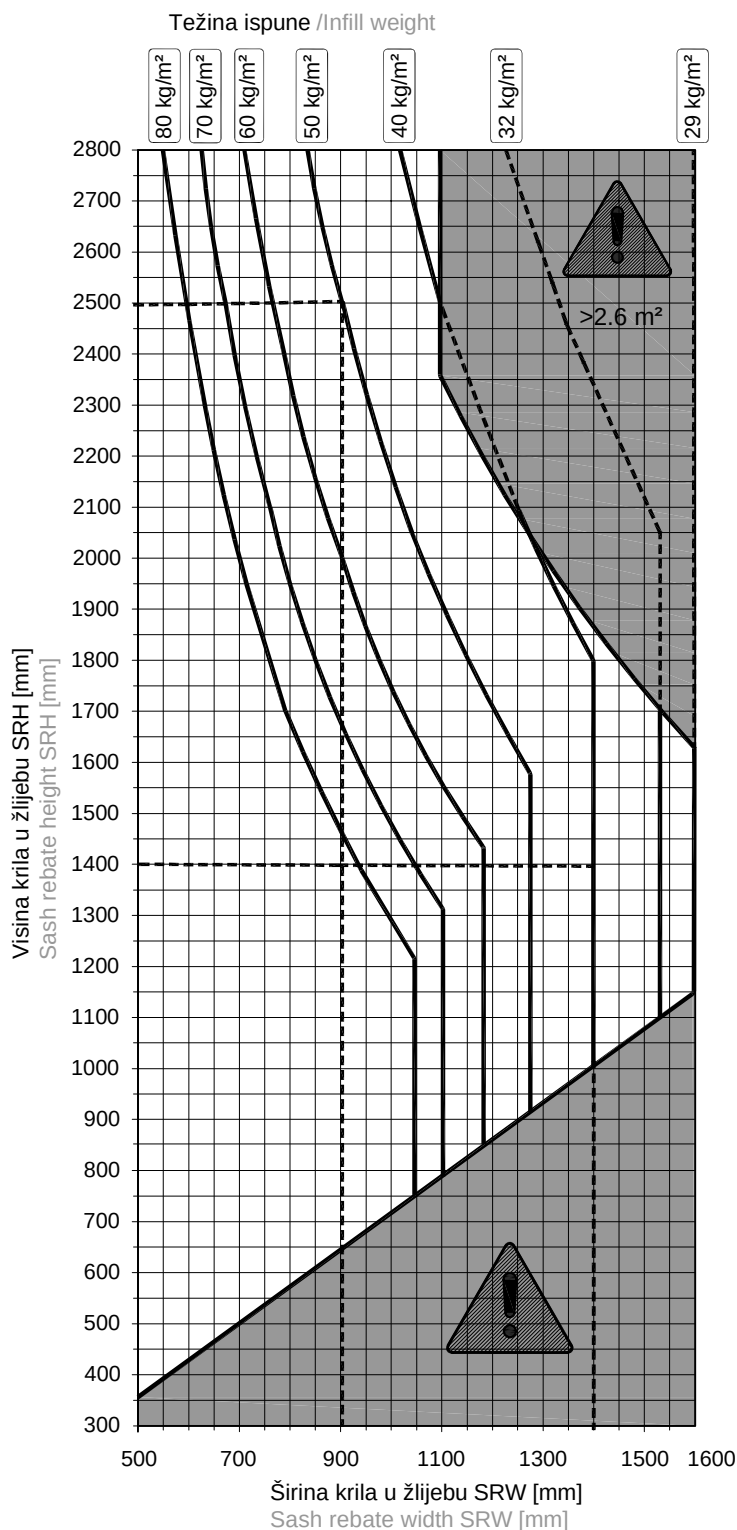
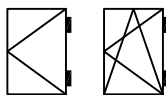
This application diagram is only valid in conjunction with the appropriate installation drawings

- 0-46603-DD (PVC profiles)
- 0-46741-DD (aluminium profiles)
- 0-48640-DD (UNI-JET SeClimate)
- 0-48764-DC, 0-48765-DC (UNI-JET RC3)

For notes on intended use, see 0-46789.



### Dijagram primjene UNI-JET D Application diagram for UNI-JET D za max. težina krila 130 kg for max. sash weight 130 kg



#### Test and calculation basis:

- Tilt&Turn test according to EN 13126-8:2017:
  - Class H3 (20,000 Tilt&Turn and Turn-Only cycles)
- Test format:
  - SRW 900 x SRH 2300 : 130 kg
  - SRW 1300 x SRH 1200 : 100 kg

#### Preduvjeti za korištenje dijagrama primjene:

- Provjere vezane za pričvršćivanje nosivih dijelova na prozorski sustav od strane proizvođača prozora prema TDK (TBDK smjernice) sa sljedećim silama
  - 2710 N na ležaju
  - 3760 N na zakretnom naslonu
- Redukcija stakla  $GR \geq 28$  mm
- Težina profila  $PW \leq 3.25$  kg/m

#### Pažnja:

Najveća težina krila od 130 kg dopuštena je samo u određenim područjima dijagrama primjene. Dopušteni su samo formati krila koji se pojavljuju lijevo od odgovarajuće krivulje težine stakla.

#### ■ nedopušteni format

#### Čitanje primjera:

1. Težina ispune = 50 kg/m<sup>2</sup>  
Sa SRW = 900 mm, SRH max. = 2500 mm  
što odgovara najvećoj težini krila od 125 kg.
2. Težina ispune = 50 kg/m<sup>2</sup>  
Sa SRH = 1400 mm, SRW max = 1400 mm  
što odgovara najvećoj težini krila od 90 kg.

Ovaj dijagram primjene vrijedi samo zajedno s odgovarajućim instalacijskim crtežima

- 0-46703 (PVC profili)
- 0-46741 (alumijski profili)

Za napomene o namjeravanoj uporabi, pogledajte 0-46789.

#### Osnova ispitivanja i izračuna:

- Test nagiba i okretanja prema EN 13126-8: 2017:
  - Klasa H3 (20.000 ciklusa okretanja i okretanja i okretanja)
- Format testa:
  - SRW 900 x SRH 2300 : 130 kg
  - SRW 1300 x SRH 1200 : 100 kg

#### Prerequisites for using the application diagram:

- Verifications regarding the attachment of load-bearing components to the window system by the window fabricator according to TDK with the following forces:
  - 2710 N at the stay-bearing
  - 3760 N at the pivot-rest
- Glass reduction  $GR \geq 28$  mm
- Profile weight  $PW \leq 3.25$  kg/m

#### Attention:

The maximum sash weight of 130 kg is only permitted in certain areas of the application diagram. Only sash formats appearing to the left of the respective glass weight graph are permissible.

#### ■ impermissible format

#### Reading examples:

1. Infill weight = 50 kg/m<sup>2</sup>  
With SRW = 900 mm, the SRH max. = 2500 mm which corresponds to a maximum sash weight of 125 kg.
2. Infill weight = 50 kg/m<sup>2</sup>  
With SRH = 1400 mm, the SRW max = 1400 mm which corresponds to a maximum sash weight of 90 kg.

This application diagram is only valid in conjunction with the appropriate installation drawings

- 0-46738 (PVC profiles)
- 0-46741 (aluminium profiles)

For notes on intended use, see 0-46789.

### - TABLICE NOSIVOSTI ŠARKI - TABLE OF LOADS FOR HINGES

Tablica nosivosti šarke 114.001.xx (Stublina 2006.00)  
Table of loads for hinges 114.001.xx (Stublina 2006.00)

|      |     |     |     |     |      |      |      |      |      |      |      |      |      |
|------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 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   | 90   | 74   | 67   | 62   | 57   | 54   | 52   |
|      | 100 | 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 |

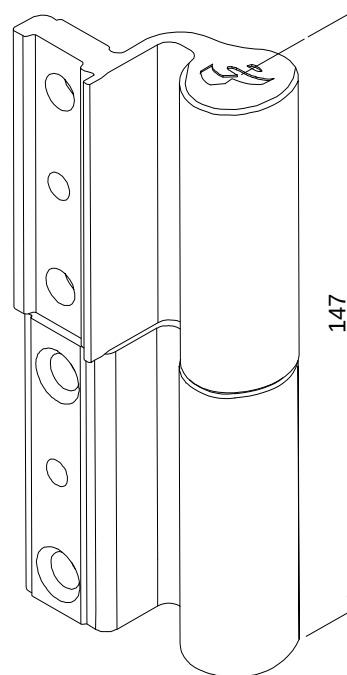
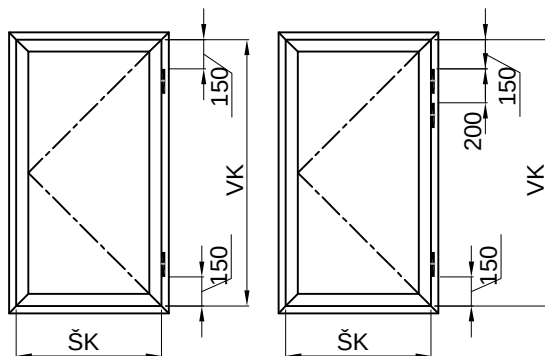
A (kg)



B (kg)

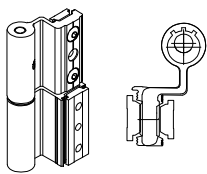
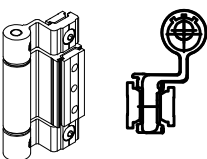
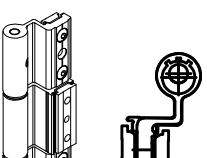
A - javna upotreba sa dvije šarke  
A - public use with two hinges  
B - privatna upotreba sa dvije šarke  
B - private use with two hinge

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%

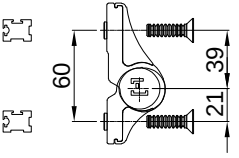
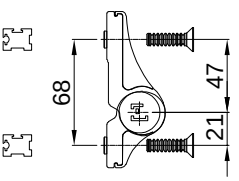
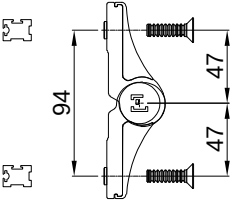


114.001.xx

- TABLICE NOSIVOSTI ŠARKI  
- TABLE OF LOADS FOR HINGES

| Oznaka<br>Code         | Izgled-presjek<br>View-cross section                                               | Opis<br>Description                                                                                                                                                                                                                        | Nosivost<br>Load                 |                     |
|------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------|
|                        |                                                                                    |                                                                                                                                                                                                                                            | 2 šarke<br>2 hinges              | 3 šarke<br>3 hinges |
| 114.004.01<br>02<br>03 |   | - Dvodijelna šarka-EURO ŽLIJEB<br>- Oznaka proizvođača Stublina: 2024.00<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Two-part hinge-EURO GROOVE<br>- Manufacturer code Stublina: 2024.00<br>- Color: 01- white; 02 - gray;03 - black   | Javna upotreba<br>Public use     |                     |
|                        |                                                                                    |                                                                                                                                                                                                                                            | 70 kg                            | 85 kg               |
|                        |                                                                                    |                                                                                                                                                                                                                                            | Privatna upotreba<br>Private use |                     |
|                        |                                                                                    |                                                                                                                                                                                                                                            | 80 kg                            | 100 kg              |
| 114.005.01<br>02<br>03 |   | - Trodijelna šarka-EURO ŽLIJEB<br>- Oznaka proizvođača Stublina: 2129.00<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Three-part hinge-EURO GROOVE<br>- Manufacturer code Stublina: 2129.00<br>- Color: 01- white; 02 - gray;03 - black | Javna upotreba<br>Public use     |                     |
|                        |                                                                                    |                                                                                                                                                                                                                                            | 90 kg                            | 95 kg               |
|                        |                                                                                    |                                                                                                                                                                                                                                            | Privatna upotreba<br>Private use |                     |
|                        |                                                                                    |                                                                                                                                                                                                                                            | 90 kg                            | 100 kg              |
| 114.006.01<br>02<br>03 |  | - Trodijelna šarka-EURO ŽLIJEB<br>- Oznaka proizvođača Stublina: 2124.00<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Three-part hinge-EURO GROOVE<br>- Manufacturer code Stublina: 2124.00<br>- Color: 01- white; 02 - gray;03 - black | Javna upotreba<br>Public use     |                     |
|                        |                                                                                    |                                                                                                                                                                                                                                            | 100 kg                           | 105 kg              |
|                        |                                                                                    |                                                                                                                                                                                                                                            | Privatna upotreba<br>Private use |                     |
|                        |                                                                                    |                                                                                                                                                                                                                                            | 100 kg                           | 110 kg              |

- TABLICE NOSIVOSTI ŠARKI  
- TABLE OF LOADS FOR HINGES

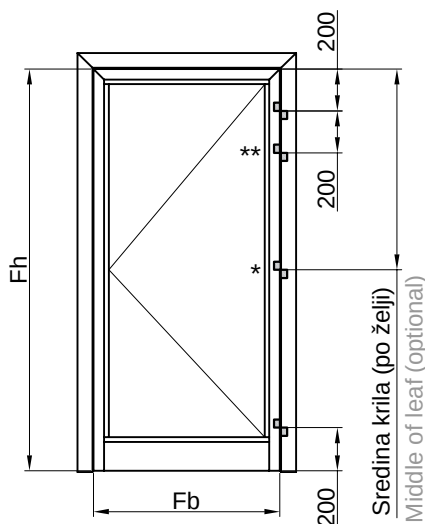
| Oznaka<br>Code         | Izgled-presjek<br>View-cross section                                               | Opis<br>Description                                                                                                                                                                                                                                                                                            | Nosivost<br>Load<br>(2 šarke 2 hinges) |
|------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 113.008.01<br>02<br>03 |   | <ul style="list-style-type: none"> <li>- Dvodijelna šarka OSNO 60</li> <li>- Oznaka proizvođača ALU-B: Max3D 60</li> <li>- Boje: 01- bijela; 02 - siva; 03 - crna</li> <li>- Two-part hinge AXIS 60</li> <li>- Manufacturer code ALU-B: Max3D 60</li> <li>- Color: 01- white; 02 - gray; 03 - black</li> </ul> | 120 kg                                 |
| 113.009.01<br>02<br>03 |   | <ul style="list-style-type: none"> <li>- Dvodijelna šarka OSNO 68</li> <li>- Oznaka proizvođača ALU-B: Max3D 68</li> <li>- Boje: 01- bijela; 02 - siva; 03 - crna</li> <li>- Two-part hinge AXIS 68</li> <li>- Manufacturer code ALU-B: Max3D 68</li> <li>- Color: 01- white; 02 - gray; 03 - black</li> </ul> | 120 kg                                 |
| 113.011.01<br>02<br>03 |  | <ul style="list-style-type: none"> <li>- Dvodijelna šarka OSNO 94</li> <li>- Oznaka proizvođača ALU-B: Max3D 94</li> <li>- Boje: 01- bijela; 02 - siva; 03 - crna</li> <li>- Two-part hinge AXIS 94</li> <li>- Manufacturer code ALU-B: Max3D 94</li> <li>- Color: 01- white; 02 - gray; 03 - black</li> </ul> | 120 kg                                 |

### Preporuke za ugradnju šarki

### Recommendations for montage of the hinges

Fh = Visina krila  
Leaf height

Fb = Širina krila  
Leaf width



EN 1935:2002 Annex E

Zatvarači vrata povećavaju opterećenje na šarke i njihov stupanj trošenja. Za zatvarače bez prigušenja otvaranja efektivna masa vrata je 20% veća od stvarne mase vrata. Za zatvarače s prigušenjem otvaranja efektivna masa vrata je 75% veća od stvarne mase vrata.

\* Dodatna šarka za bolje brtvljenje preporučuje se za visine krila iznad 2200 mm.

\*\* Na vratima s ugrađenim zatvaračem kao i na vratima za javnu upotrebu potrebno je koristiti najmanje tri šarke.

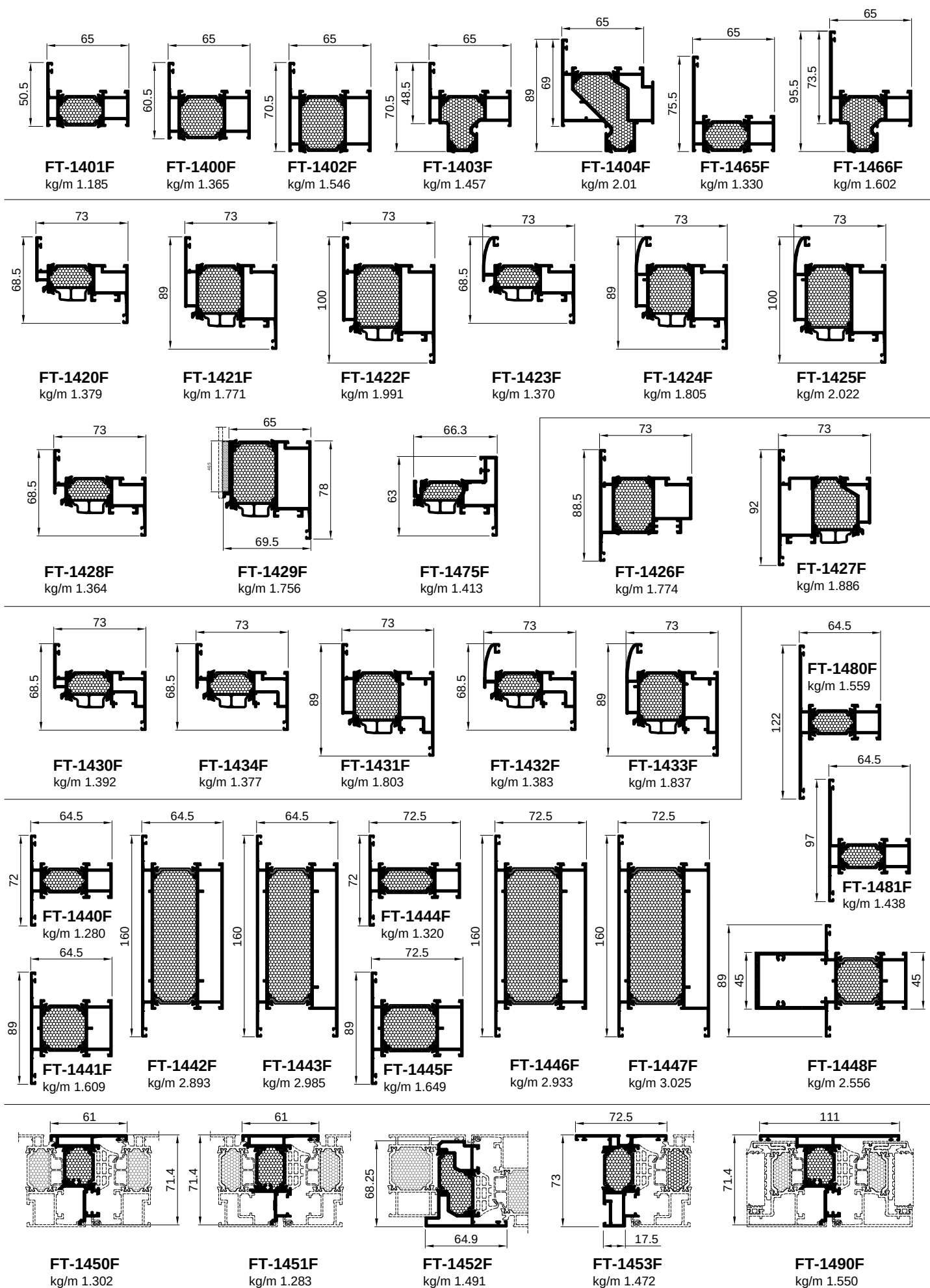
Door closers increase the loading on door hinges and their rate of wear. For door closers without backcheck the effective door mass is 20 % greater than the actual door mass. For back-check closers the effective door mass is calculated to be 75% greater.

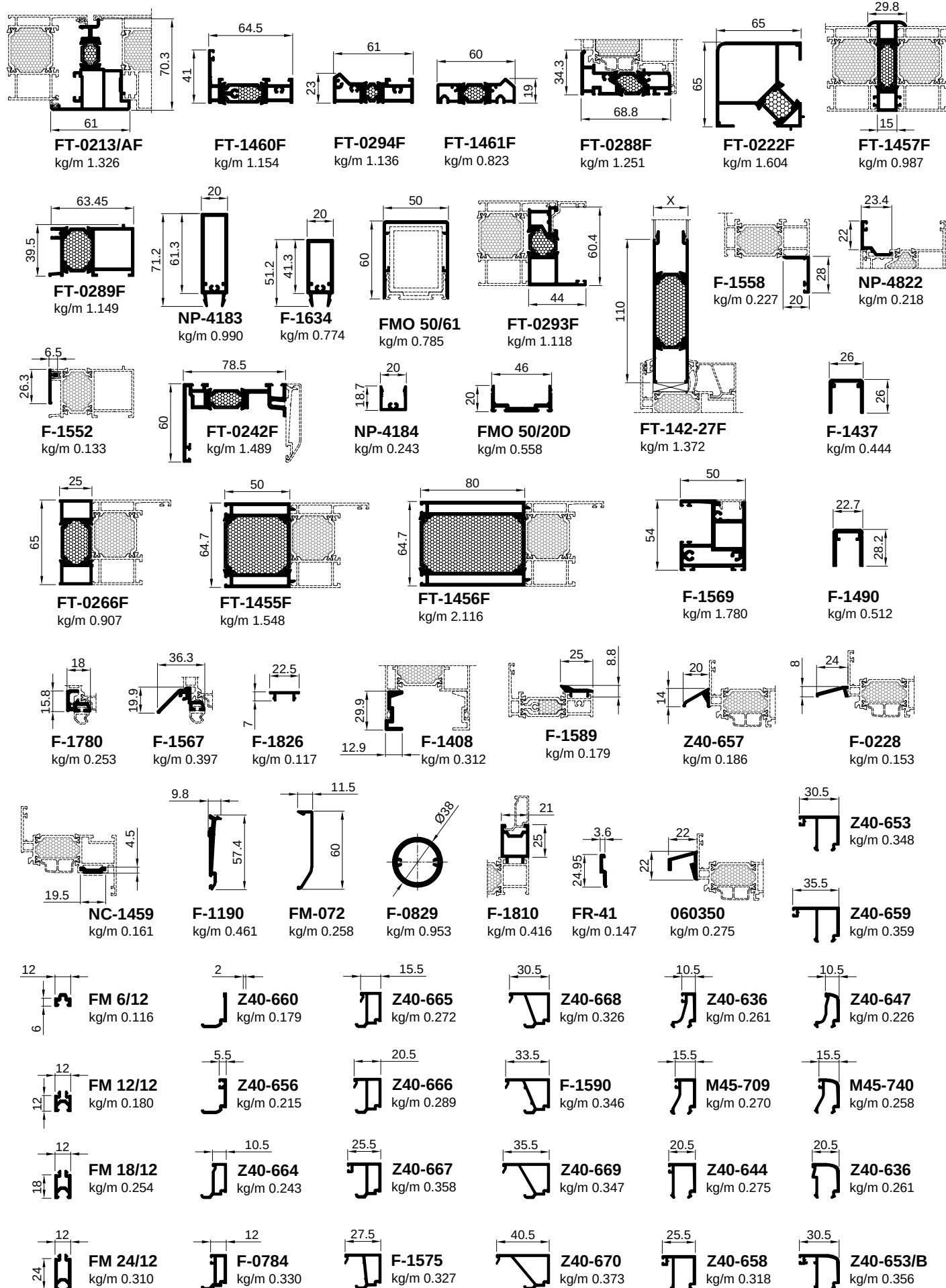
\* Additional door hinge for better sealing pressure is recommended for leaf height over 2200 mm.

\*\* Doors fitted with door closers as well as doors for public use should use at least three hinges.

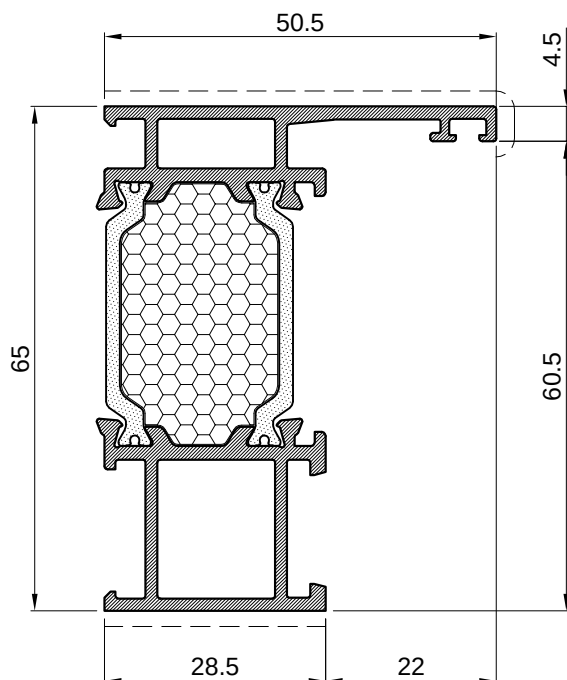
# Profili Profiles



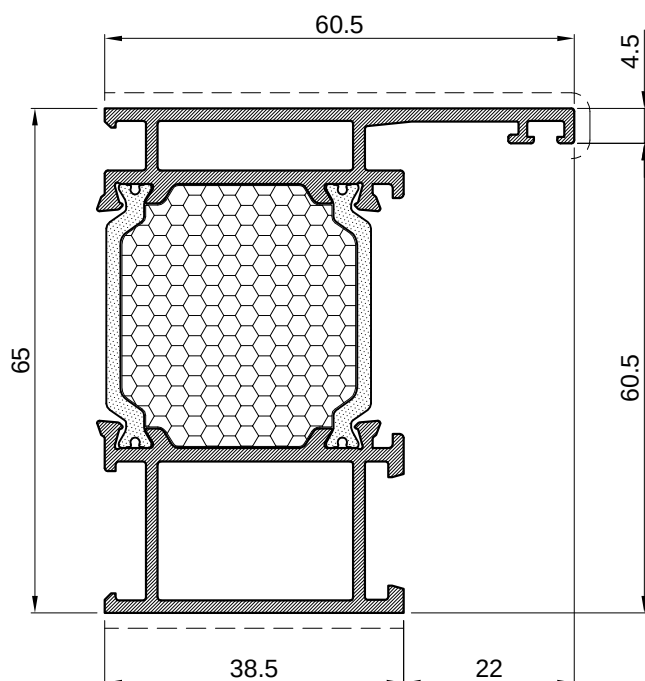






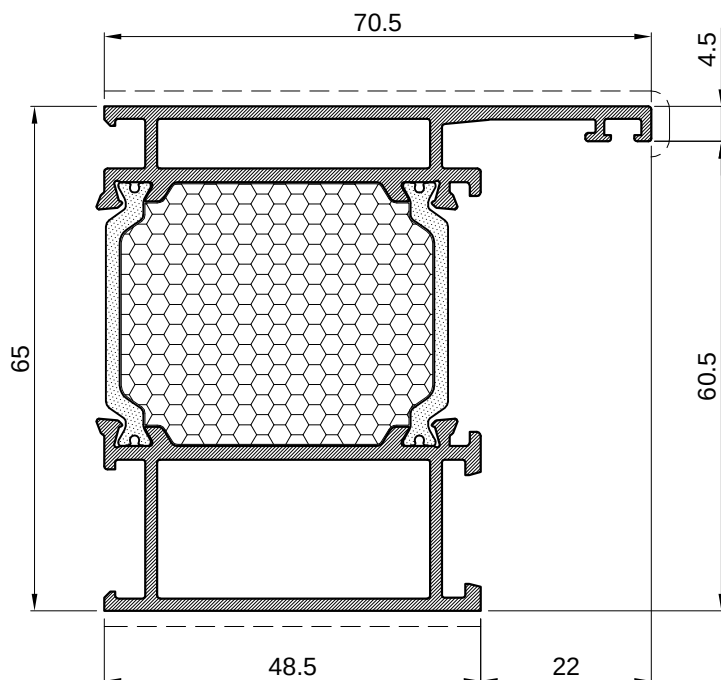


| Profil rama<br>Frame profile                |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1401F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.185</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>319</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>16.78</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>5.64</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>6.33</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>1.72</b>  |
| L                                           | mm                                   | <b>6500</b>  |

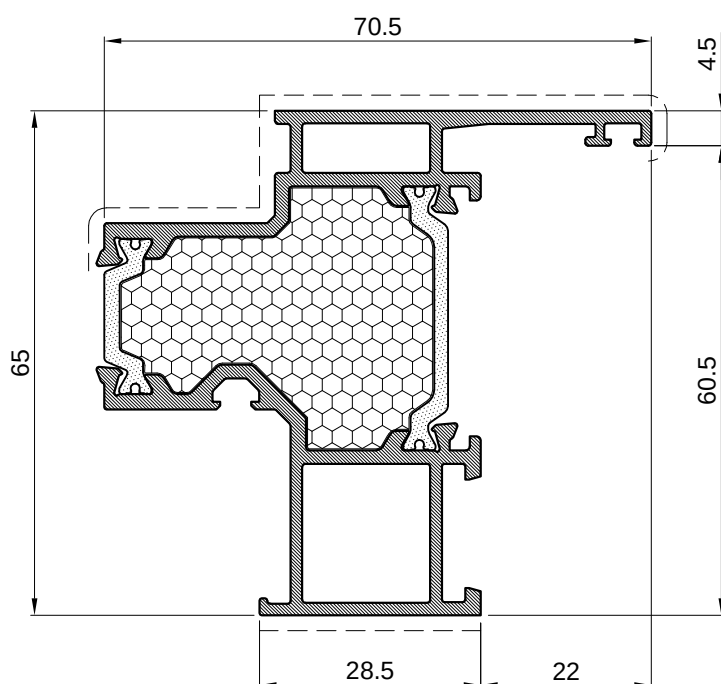


| Profil rama<br>Frame profile                |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1400F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.365</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>353</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>19.97</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>10.44</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>7.56</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>2.77</b>  |
| L                                           | mm                                   | <b>6500</b>  |

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

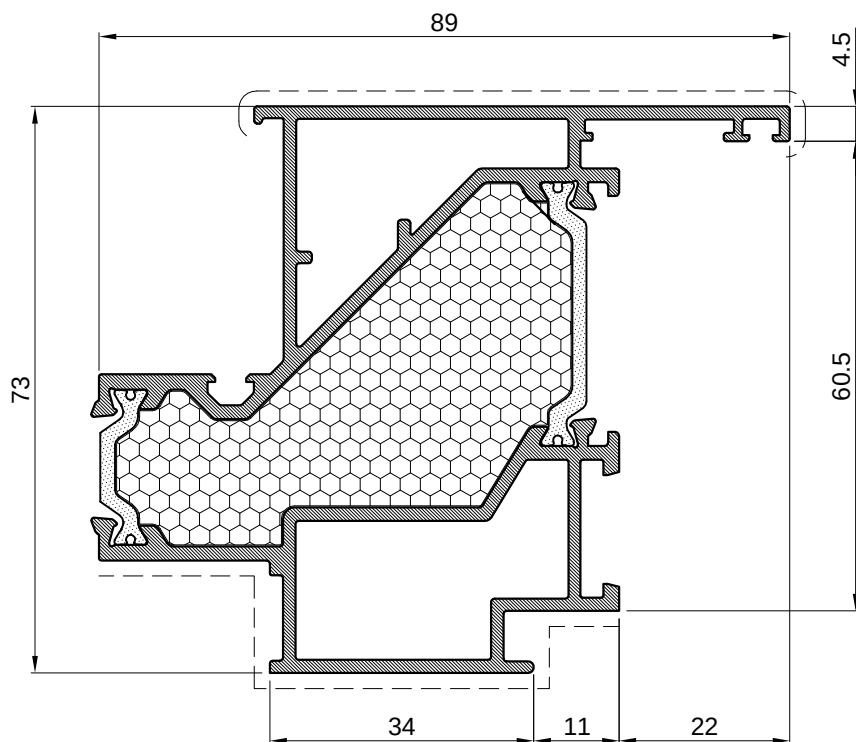


| Profil rama<br>Frame profile                |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1402F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.546</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>389</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>23.17</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>17.48</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>8.80</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>4.10</b>  |
| L                                           | mm                                   | <b>6500</b>  |



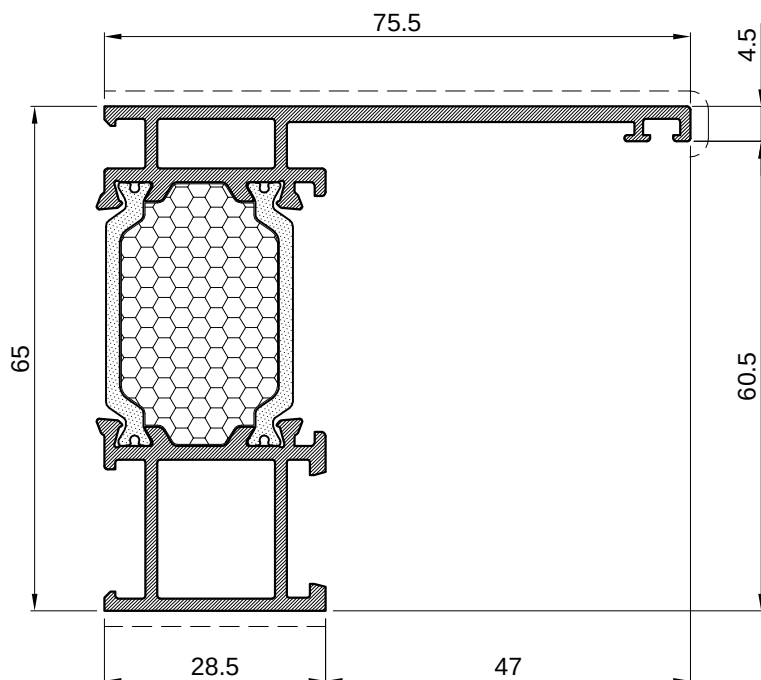
| Profil rama-spoj sa fasadom<br>(otvaranje unutra)<br>Curtain wall frame (inw.ope.) |                                      |              |
|------------------------------------------------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                                                                 | <b>FT-1403F</b>                      |              |
| Težina<br>Weight                                                                   | kg/m'                                | <b>1.457</b> |
| Opseg<br>Perimeter                                                                 | mm                                   | <b>370</b>   |
| Moment<br>inerције<br>Moments<br>of inertia                                        | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>17.57</b> |
|                                                                                    | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>13.18</b> |
|                                                                                    | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>6.40</b>  |
|                                                                                    | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>3.35</b>  |
| L                                                                                  | mm                                   | <b>6500</b>  |

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

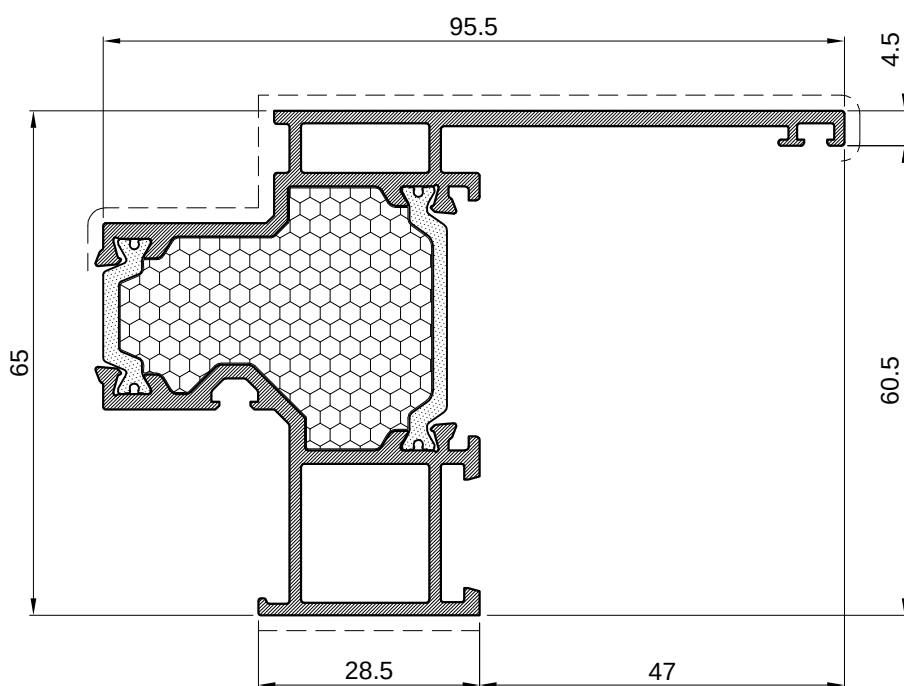


Profil rama-spoj sa fasadom  
(otvaranje vani)  
Curtain wall frame (out.ope.)

|                                             |                          |              |
|---------------------------------------------|--------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1404F</b>          |              |
| Težina<br>Weight                            | kg/m'                    | <b>2.01</b>  |
| Opseg<br>Perimeter                          | mm                       | <b>431</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm <sup>4</sup> ) | <b>32.26</b> |
|                                             | Iy<br>(cm <sup>4</sup> ) | <b>31.17</b> |
|                                             | Wx<br>(cm <sup>3</sup> ) | <b>10.96</b> |
|                                             | Wy<br>(cm <sup>3</sup> ) | <b>6.37</b>  |
| L                                           | mm                       | <b>6500</b>  |

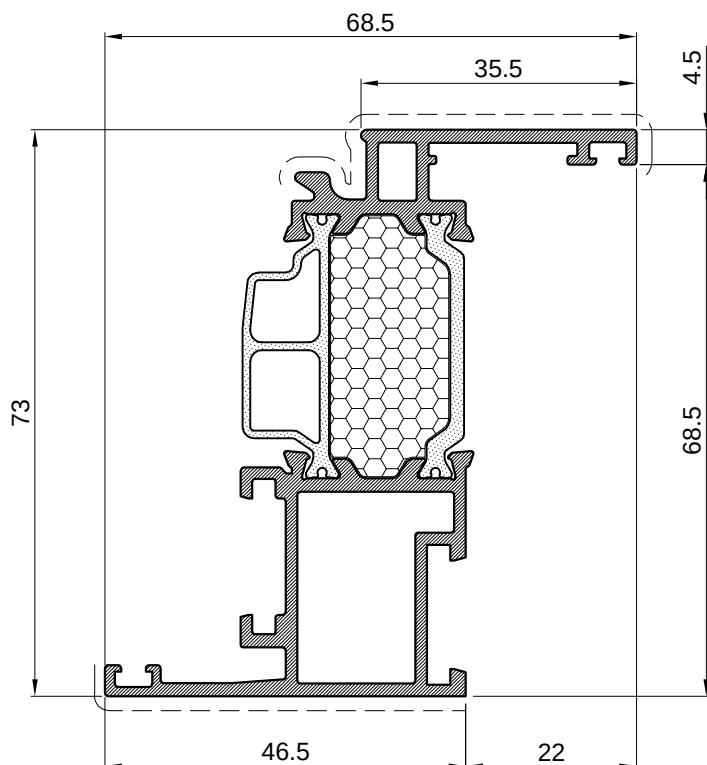


|                                                             |                                      |              |
|-------------------------------------------------------------|--------------------------------------|--------------|
| Profil rama (skriveno krilo)<br>Frame profile (hidden sash) |                                      |              |
| Art.Br.<br>Art.Nr.                                          | <b>FT-1465F</b>                      |              |
| Težina<br>Weight                                            | kg/m'                                | <b>1.330</b> |
| Opseg<br>Perimeter                                          | mm                                   | <b>383</b>   |
| Moment<br>inerције<br>Moments<br>of inertia                 | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>19.26</b> |
|                                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>16.23</b> |
|                                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>6.67</b>  |
|                                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>3.11</b>  |
| L                                                           | mm                                   | <b>6500</b>  |

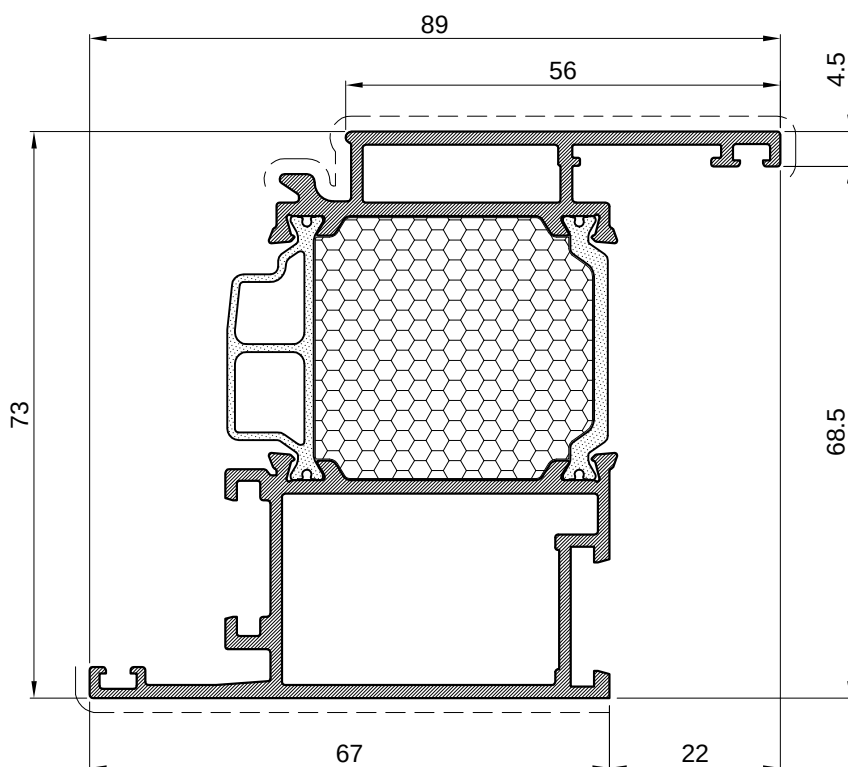


|                                                                                        |                                      |              |
|----------------------------------------------------------------------------------------|--------------------------------------|--------------|
| Profil rama-spoj sa fasadom<br>(skriveno krilo)<br>Curtain wall frame<br>(hidden sash) |                                      |              |
| Art.Br.<br>Art.Nr.                                                                     | <b>FT-1466F</b>                      |              |
| Težina<br>Weight                                                                       | kg/m'                                | <b>1.602</b> |
| Opseg<br>Perimeter                                                                     | mm                                   | <b>420</b>   |
| Moment<br>inerције<br>Moments<br>of inertia                                            | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>20.14</b> |
|                                                                                        | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>27.16</b> |
|                                                                                        | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>6.87</b>  |
|                                                                                        | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>4.60</b>  |
| L                                                                                      | mm                                   | <b>6500</b>  |

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

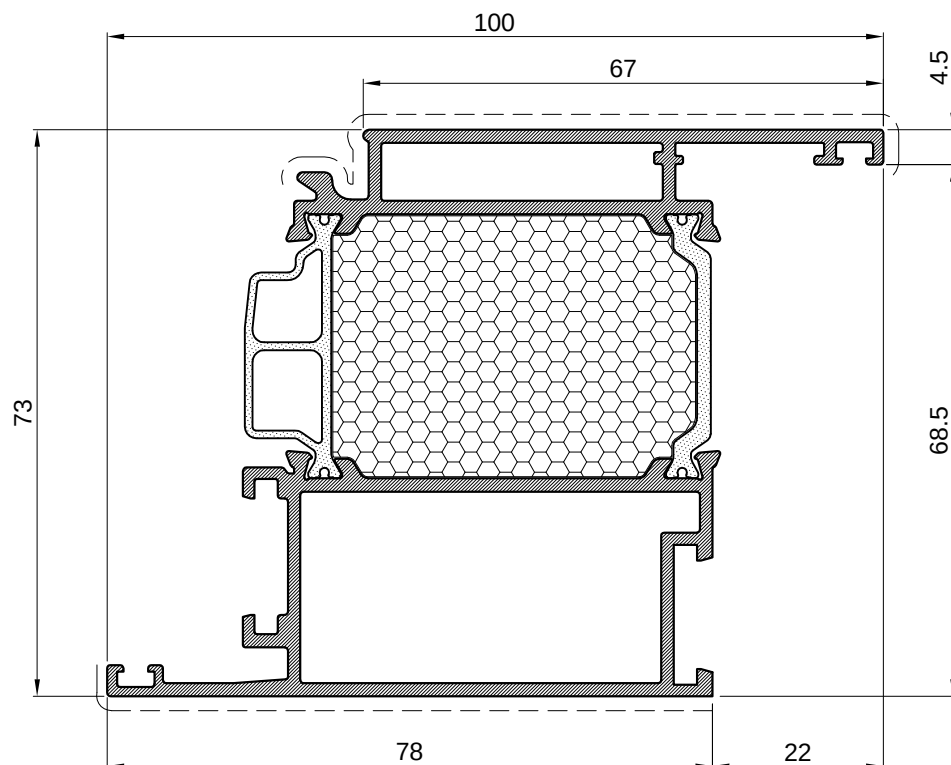


| Profil krila<br>Sash profile                |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1420F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.379</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>412</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>24.69</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>8.26</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>8.74</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>2.41</b>  |
| L                                           | mm                                   | <b>6500</b>  |

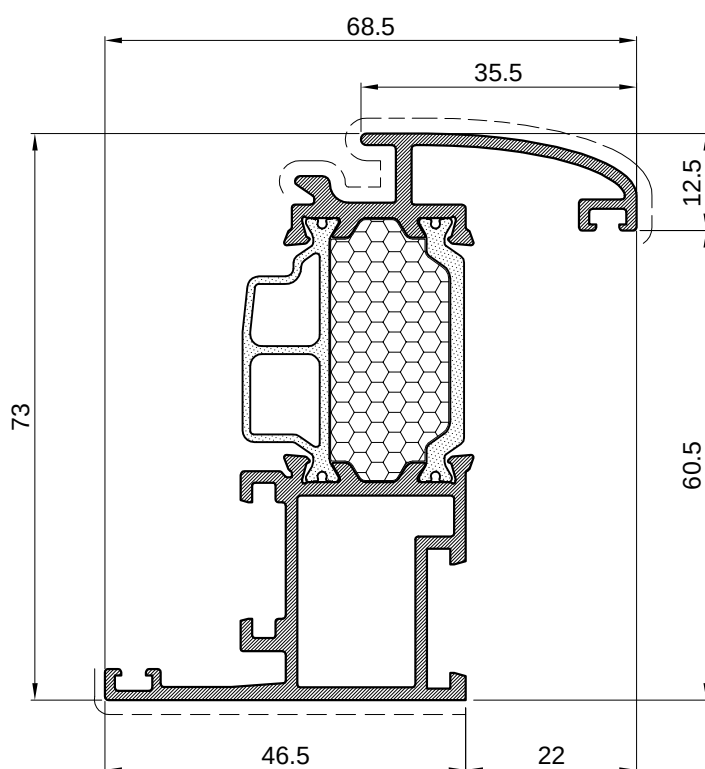


| Profil krila<br>Sash profile                |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1421F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.771</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>453</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>33.65</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>23.49</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>12.38</b> |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>5.27</b>  |
| L                                           | mm                                   | <b>6500</b>  |

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

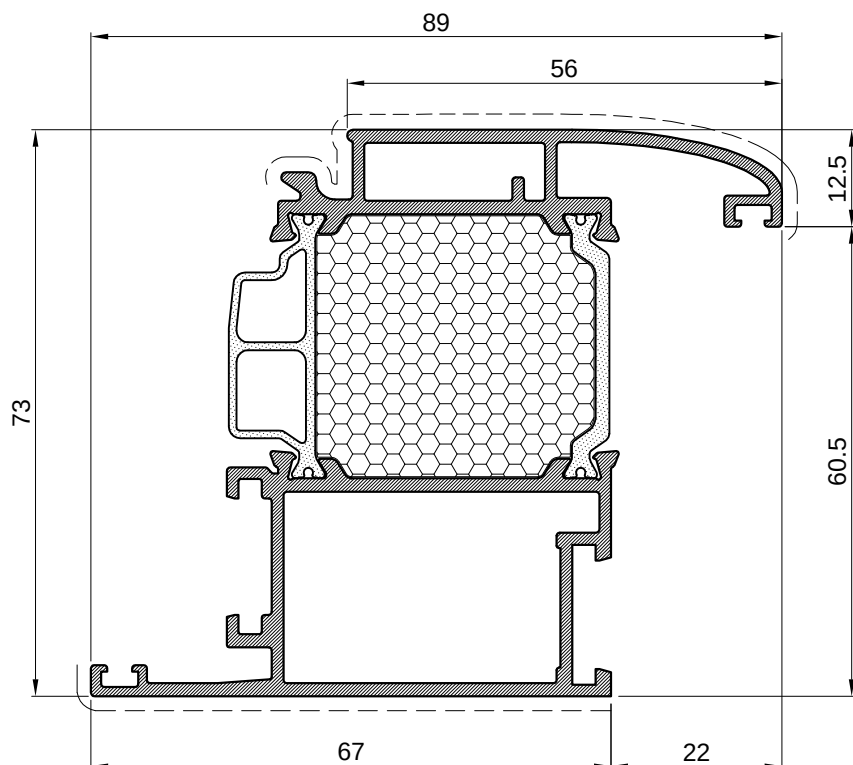


| Profil krila vrata<br>Door leaf profile     |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1422F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.991</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>454</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>38.53</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>36.85</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>14.32</b> |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>7.37</b>  |
| L                                           | mm                                   | <b>6500</b>  |

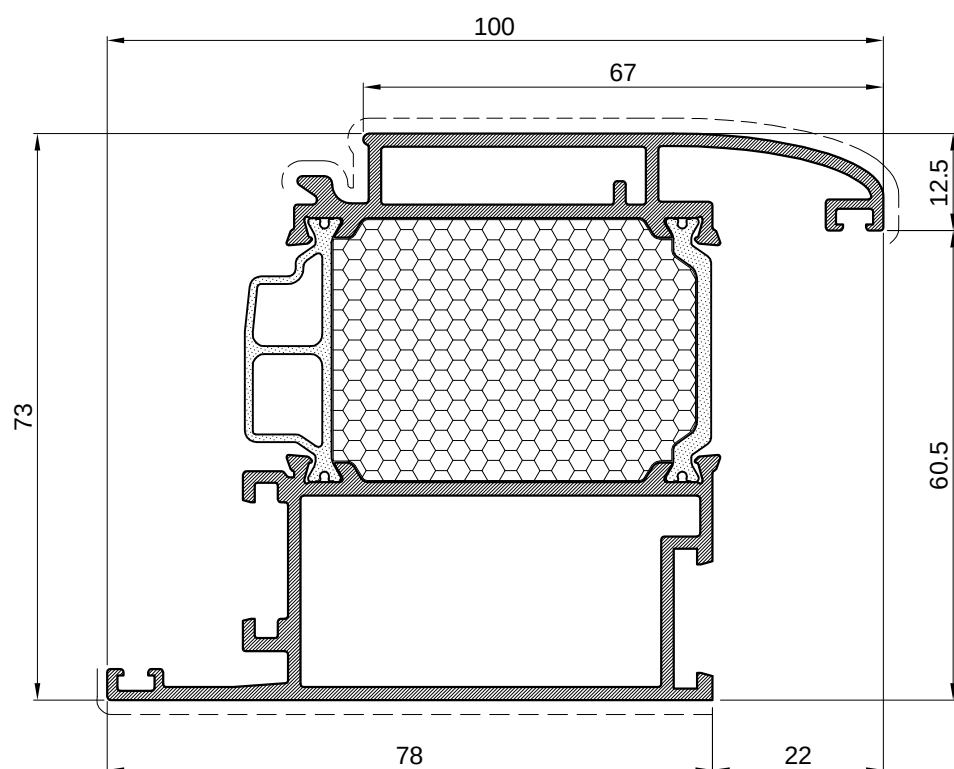


| Profil krila<br>Sash profile                |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1423F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.370</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>437</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>23.45</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>8.97</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>8.13</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>2.59</b>  |
| L                                           | mm                                   | <b>6500</b>  |

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

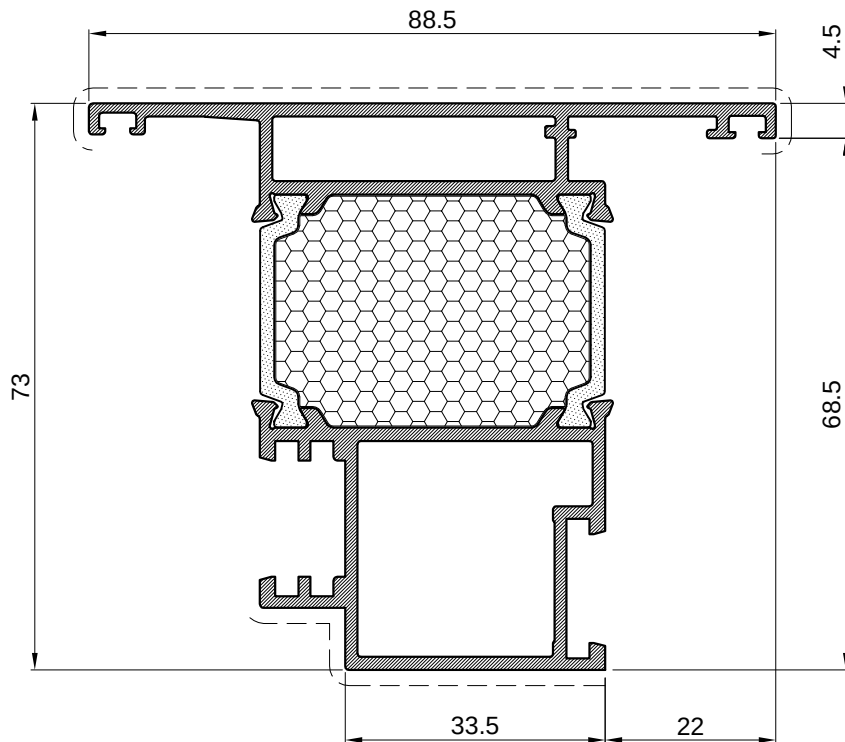


| Profil krila<br>Sash profile                |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1424F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.805</b> |
| Opseg<br>Perimeter                          | mm              | <b>471</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>33.56</b> |
|                                             | Iy<br>(cm4)     | <b>24.97</b> |
|                                             | Wx<br>(cm3)     | <b>12.45</b> |
|                                             | Wy<br>(cm3)     | <b>5.53</b>  |
| L                                           | mm              | <b>6500</b>  |



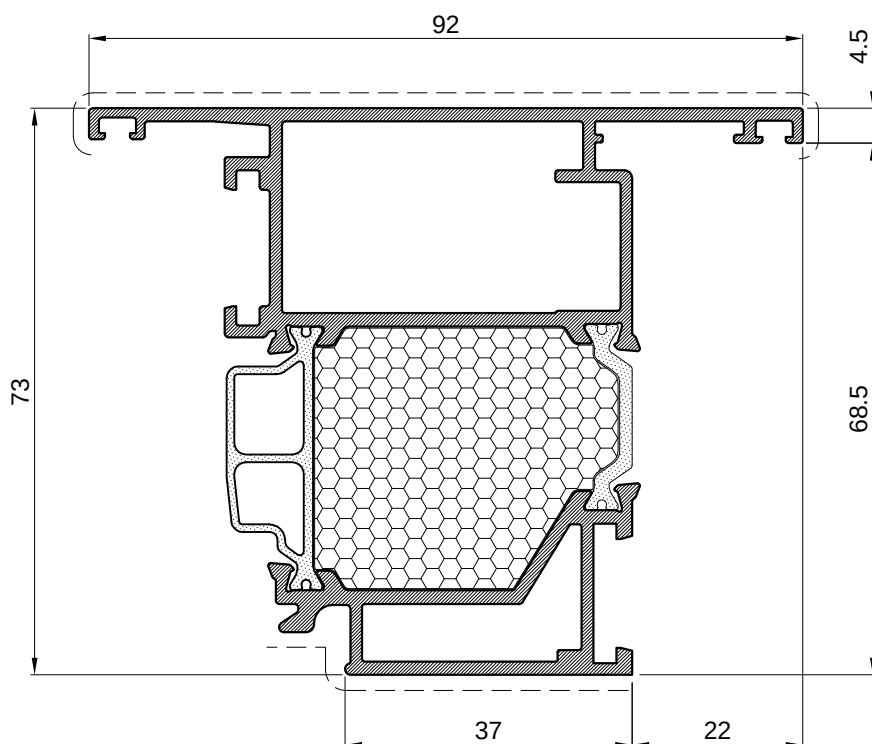
| Profil krila vrata<br>Door leaf profile     |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1425F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>2.022</b> |
| Opseg<br>Perimeter                          | mm              | <b>126</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>38.37</b> |
|                                             | Iy<br>(cm4)     | <b>38.74</b> |
|                                             | Wx<br>(cm3)     | <b>14.18</b> |
|                                             | Wy<br>(cm3)     | <b>7.65</b>  |
| L                                           | mm              | <b>6500</b>  |

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



Profil krila, otvaranje vani  
Sash profile, outwards opening

|                                             |                          |              |
|---------------------------------------------|--------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1426F</b>          |              |
| Težina<br>Weight                            | kg/m'                    | <b>1.774</b> |
| Opseg<br>Perimeter                          | mm                       | <b>444</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm <sup>4</sup> ) | <b>31.38</b> |
|                                             | Iy<br>(cm <sup>4</sup> ) | <b>22.20</b> |
|                                             | Wx<br>(cm <sup>3</sup> ) | <b>9.94</b>  |
|                                             | Wy<br>(cm <sup>3</sup> ) | <b>4.94</b>  |
| L                                           | mm                       | <b>6500</b>  |

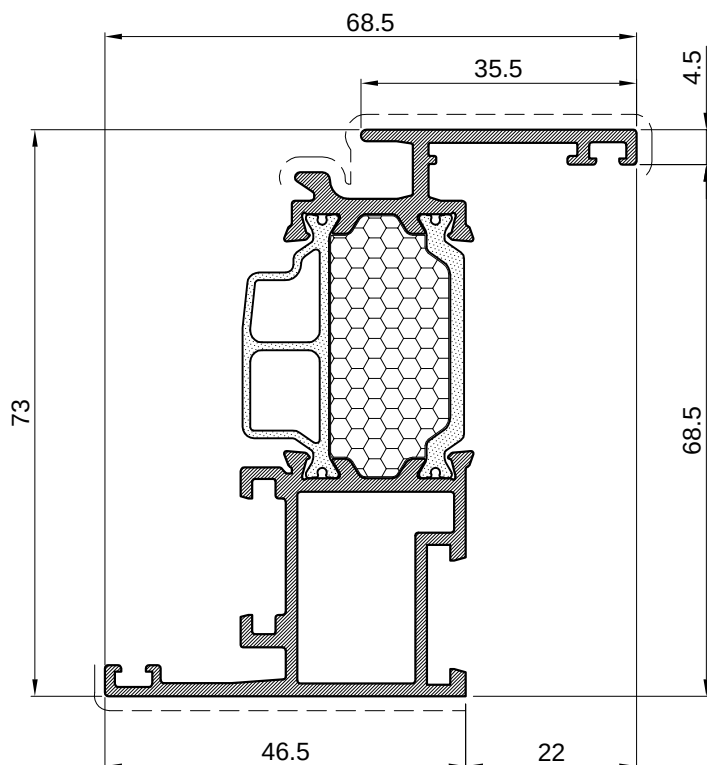


Profil krila, otvaranje vani  
Sash profile, outwards opening

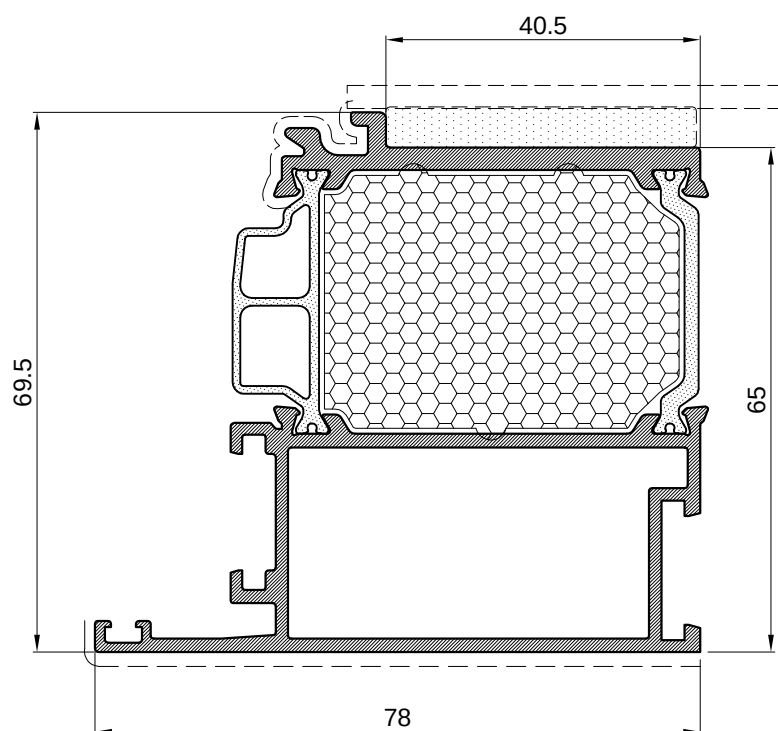
|                                             |                          |              |
|---------------------------------------------|--------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1427F</b>          |              |
| Težina<br>Weight                            | kg/m'                    | <b>1.886</b> |
| Opseg<br>Perimeter                          | mm                       | <b>460</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm <sup>4</sup> ) | <b>34.86</b> |
|                                             | Iy<br>(cm <sup>4</sup> ) | <b>27.84</b> |
|                                             | Wx<br>(cm <sup>3</sup> ) | <b>11.33</b> |
|                                             | Wy<br>(cm <sup>3</sup> ) | <b>5.94</b>  |
| L                                           | mm                       | <b>6500</b>  |

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



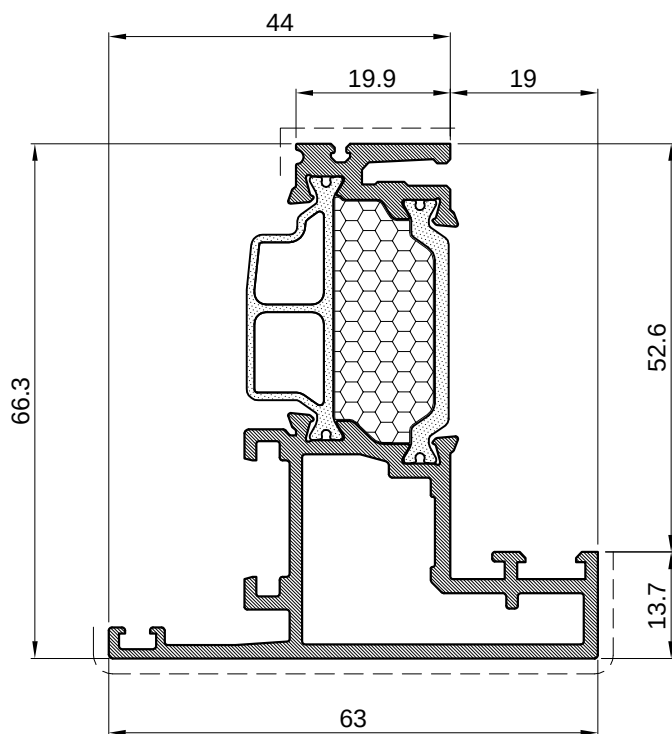


| Profil krila<br>Sash profile                |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1428F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.364</b> |
| Opseg<br>Perimeter                          | mm              | <b>423</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>24.21</b> |
|                                             | Iy<br>(cm4)     | <b>8.28</b>  |
|                                             | Wx<br>(cm3)     | <b>8.46</b>  |
|                                             | Wy<br>(cm3)     | <b>2.41</b>  |
| L                                           | mm              | <b>6500</b>  |



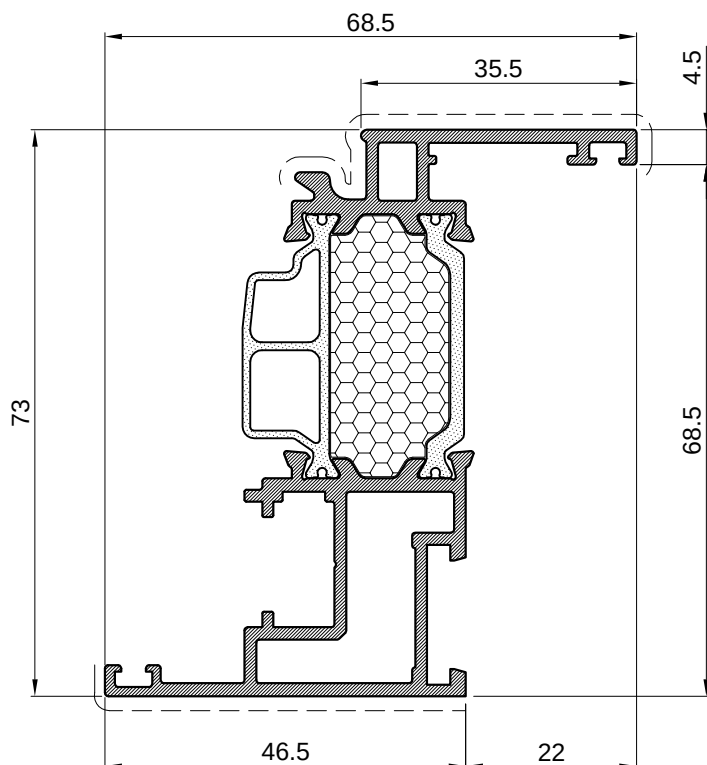
| Profil krila vrata<br>Door leaf profile     |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1429F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.756</b> |
| Opseg<br>Perimeter                          | mm              | <b>400</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>27.96</b> |
|                                             | Iy<br>(cm4)     | <b>26.67</b> |
|                                             | Wx<br>(cm3)     | <b>9.69</b>  |
|                                             | Wy<br>(cm3)     | <b>5.80</b>  |
| L                                           | mm              | <b>6500</b>  |

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



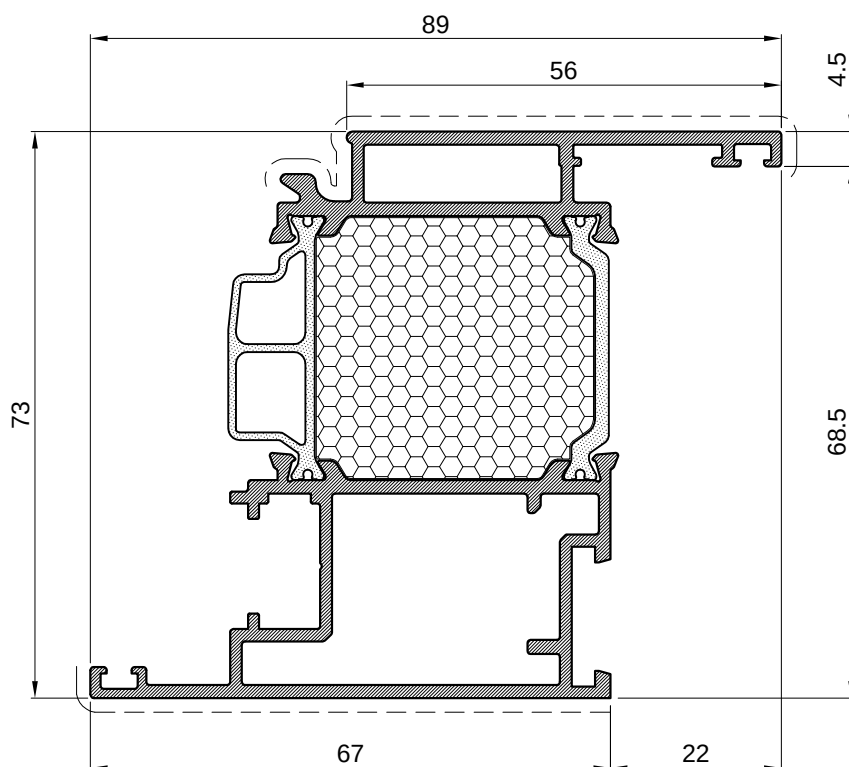
| Profil skrivenog krila<br>Hidden sash profile |                          |              |
|-----------------------------------------------|--------------------------|--------------|
| Art.Br.<br>Art.Nr.                            | <b>FT-1475F</b>          |              |
| Težina<br>Weight                              | kg/m'                    | <b>1.413</b> |
| Opseg<br>Perimeter                            | mm                       | <b>383</b>   |
| Moment<br>inercije<br>Moments<br>of inertia   | Ix<br>(cm <sup>4</sup> ) | <b>18.38</b> |
|                                               | Iy<br>(cm <sup>4</sup> ) | <b>9.24</b>  |
|                                               | Wx<br>(cm <sup>3</sup> ) | <b>5.74</b>  |
|                                               | Wy<br>(cm <sup>3</sup> ) | <b>2.64</b>  |
| L                                             | mm                       | <b>6500</b>  |

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



Profil krila (žlijeb 16/9)  
Sash profile (groove 16/9)

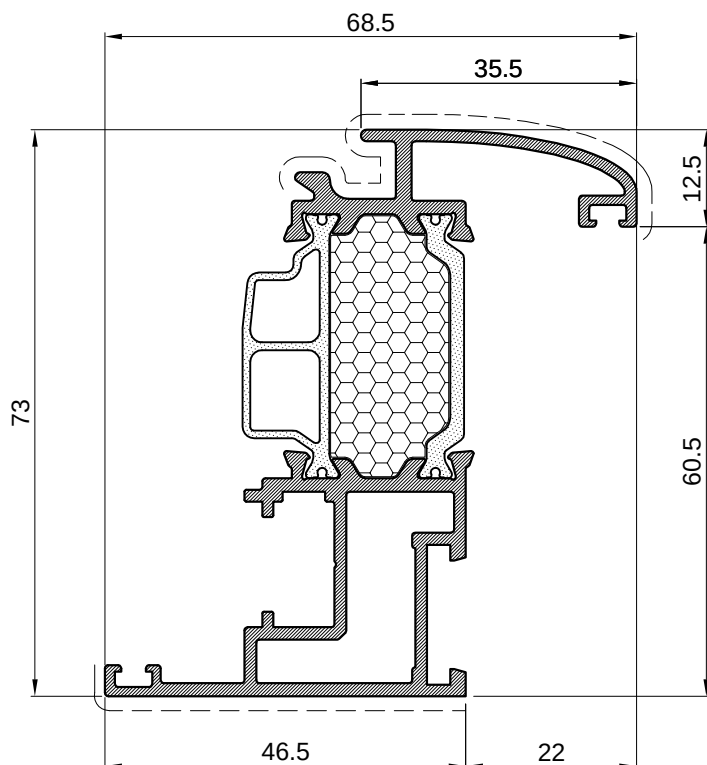
|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1430F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.392</b> |
| Opseg<br>Perimeter                          | mm              | <b>413</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>24.87</b> |
|                                             | Iy<br>(cm4)     | <b>7.99</b>  |
|                                             | Wx<br>(cm3)     | <b>8.74</b>  |
|                                             | Wy<br>(cm3)     | <b>2.31</b>  |
| L                                           | mm              | <b>6500</b>  |



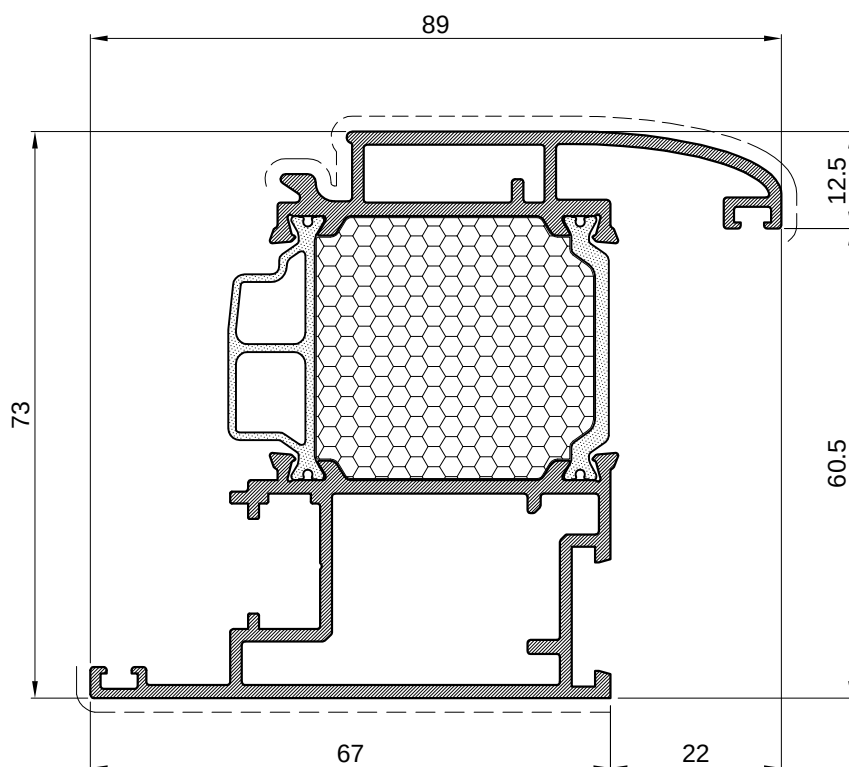
Profil krila (žlijeb 16/9)  
Sash profile (groove 16/9)

|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1431F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.803</b> |
| Opseg<br>Perimeter                          | mm              | <b>454</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>34.12</b> |
|                                             | Iy<br>(cm4)     | <b>23.02</b> |
|                                             | Wx<br>(cm3)     | <b>12.40</b> |
|                                             | Wy<br>(cm3)     | <b>5.12</b>  |
| L                                           | mm              | <b>6500</b>  |

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

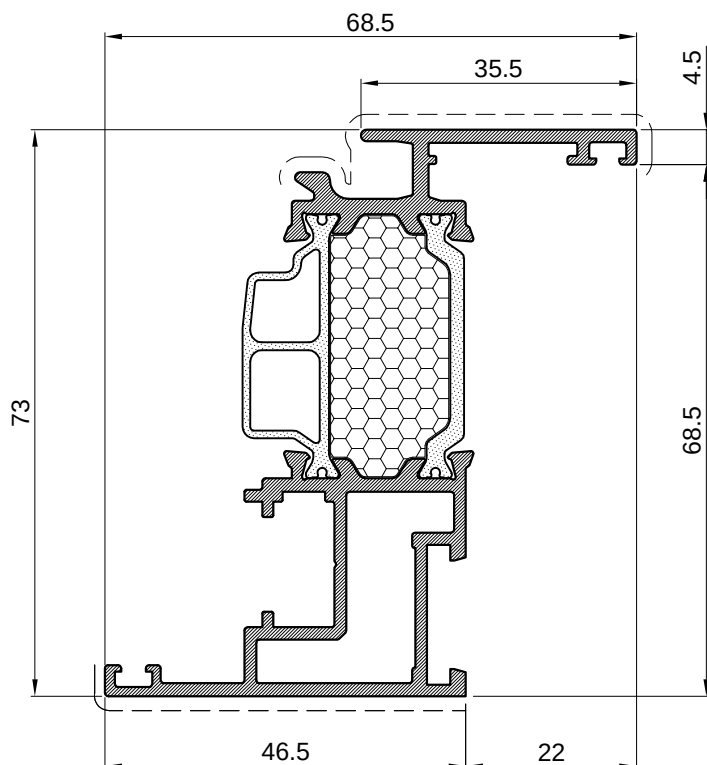


|                                                          |                 |              |
|----------------------------------------------------------|-----------------|--------------|
| Profil krila (žlijeb 16/9)<br>Sash profile (groove 16/9) |                 |              |
| Art.Br.<br>Art.Nr.                                       | <b>FT-1432F</b> |              |
| Težina<br>Weight                                         | kg/m'           | <b>1.383</b> |
| Opseg<br>Perimeter                                       | mm              | <b>438</b>   |
| Moment<br>inercije<br>Moments<br>of inertia              | Ix<br>(cm4)     | <b>23.62</b> |
|                                                          | Iy<br>(cm4)     | <b>8.69</b>  |
|                                                          | Wx<br>(cm3)     | <b>8.14</b>  |
|                                                          | Wy<br>(cm3)     | <b>2.48</b>  |
| L                                                        | mm              | <b>6500</b>  |



|                                                          |                 |              |
|----------------------------------------------------------|-----------------|--------------|
| Profil krila (žlijeb 16/9)<br>Sash profile (groove 16/9) |                 |              |
| Art.Br.<br>Art.Nr.                                       | <b>FT-1433F</b> |              |
| Težina<br>Weight                                         | kg/m'           | <b>1.837</b> |
| Opseg<br>Perimeter                                       | mm              | <b>472</b>   |
| Moment<br>inercije<br>Moments<br>of inertia              | Ix<br>(cm4)     | <b>34.04</b> |
|                                                          | Iy<br>(cm4)     | <b>24.47</b> |
|                                                          | Wx<br>(cm3)     | <b>12.47</b> |
|                                                          | Wy<br>(cm3)     | <b>5.37</b>  |
| L                                                        | mm              | <b>6500</b>  |

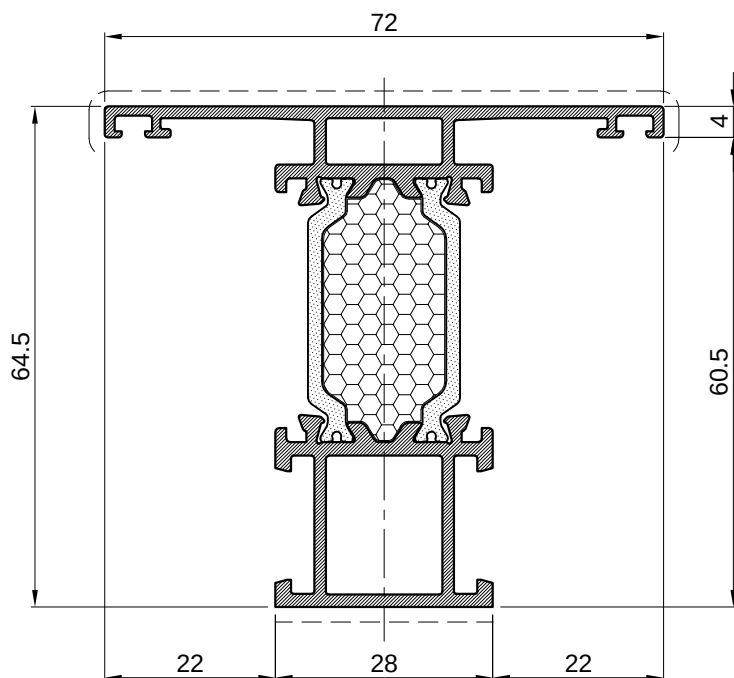
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”  
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



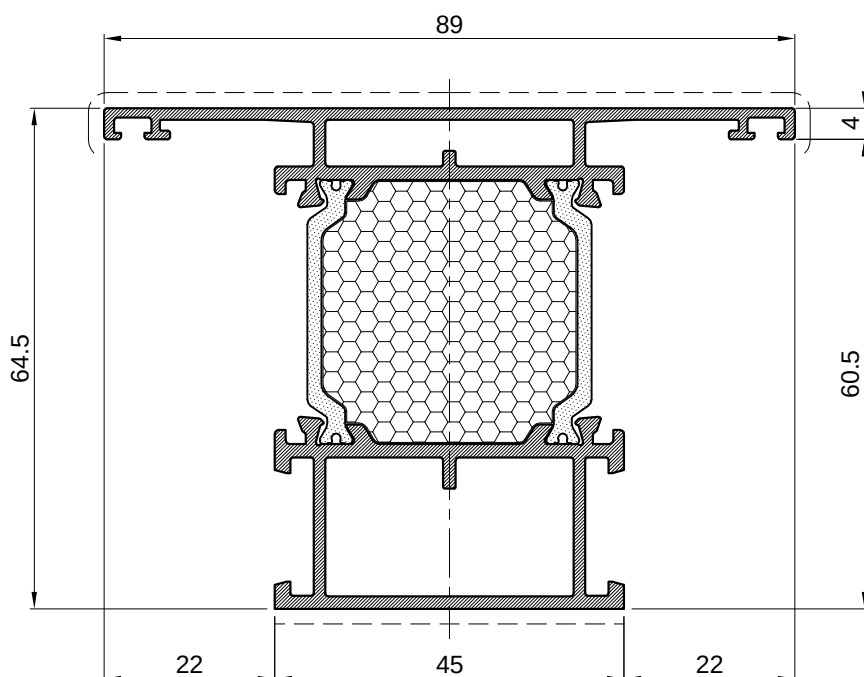
Profil krila (žlijeb 16/9)  
Sash profile (groove 16/9)

|                                             |                          |              |
|---------------------------------------------|--------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1434F</b>          |              |
| Težina<br>Weight                            | kg/m'                    | <b>1.377</b> |
| Opseg<br>Perimeter                          | mm                       | <b>424</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm <sup>4</sup> ) | <b>24.38</b> |
|                                             | Iy<br>(cm <sup>4</sup> ) | <b>8.00</b>  |
|                                             | Wx<br>(cm <sup>3</sup> ) | <b>8.47</b>  |
|                                             | Wy<br>(cm <sup>3</sup> ) | <b>2.31</b>  |
| L                                           | mm                       | <b>6500</b>  |

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

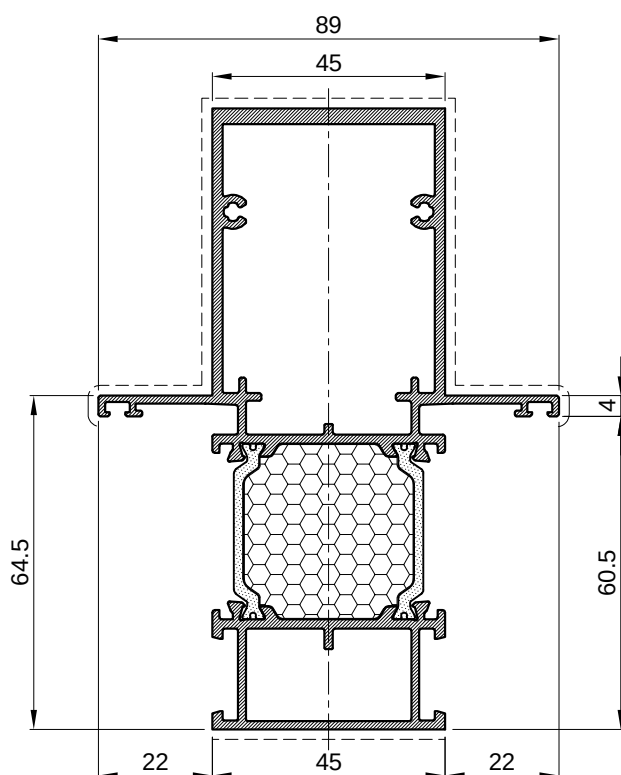
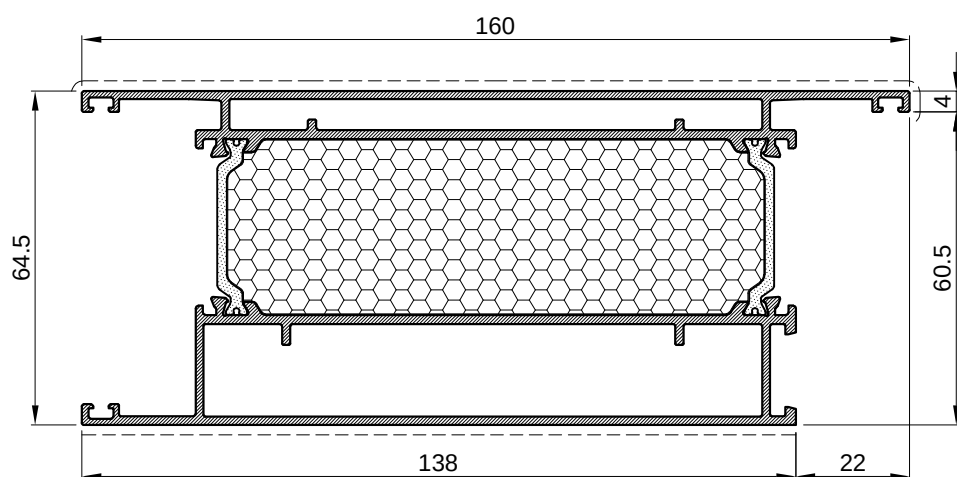
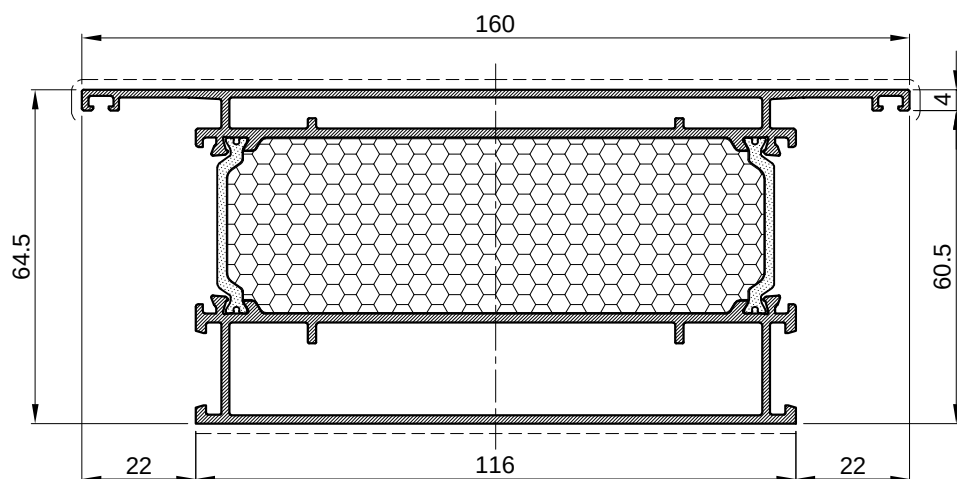


| Profil prečke<br>Crossbar profile           |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1440F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.280</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>405</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>18.24</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>8.31</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>6.62</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>2.31</b>  |
| L                                           | mm                                   | <b>6500</b>  |



| Profil prečke<br>Crossbar profile           |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1441F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.609</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>439</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>23.85</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>19.57</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>8.84</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>4.40</b>  |
| L                                           | mm                                   | <b>6500</b>  |

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



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

#### Profil prečke Crossbar profile

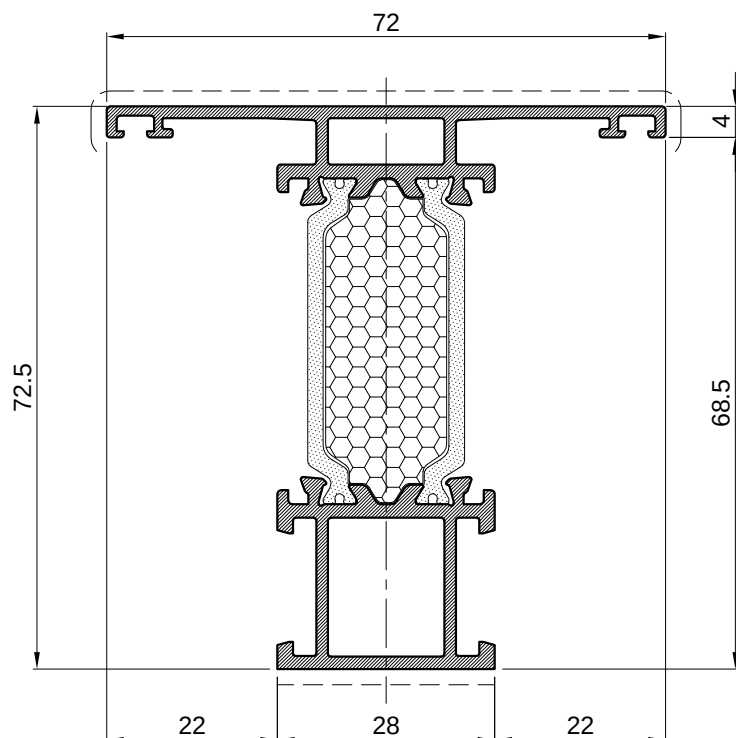
|                                             |                                      |               |
|---------------------------------------------|--------------------------------------|---------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1442F</b>                      |               |
| Težina<br>Weight                            | kg/m'                                | <b>2.893</b>  |
| Opseg<br>Perimeter                          | mm                                   | <b>577</b>    |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>46.11</b>  |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>168.78</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>17.62</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>21.10</b>  |
| L                                           | mm                                   | <b>6500</b>   |

#### Profil parapetne prečke Bottom crossbar profile

|                                             |                                      |               |
|---------------------------------------------|--------------------------------------|---------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1443F</b>                      |               |
| Težina<br>Weight                            | kg/m'                                | <b>2.985</b>  |
| Opseg<br>Perimeter                          | mm                                   | <b>617</b>    |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>49.32</b>  |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>187.98</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>19.50</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>22.77</b>  |
| L                                           | mm                                   | <b>6500</b>   |

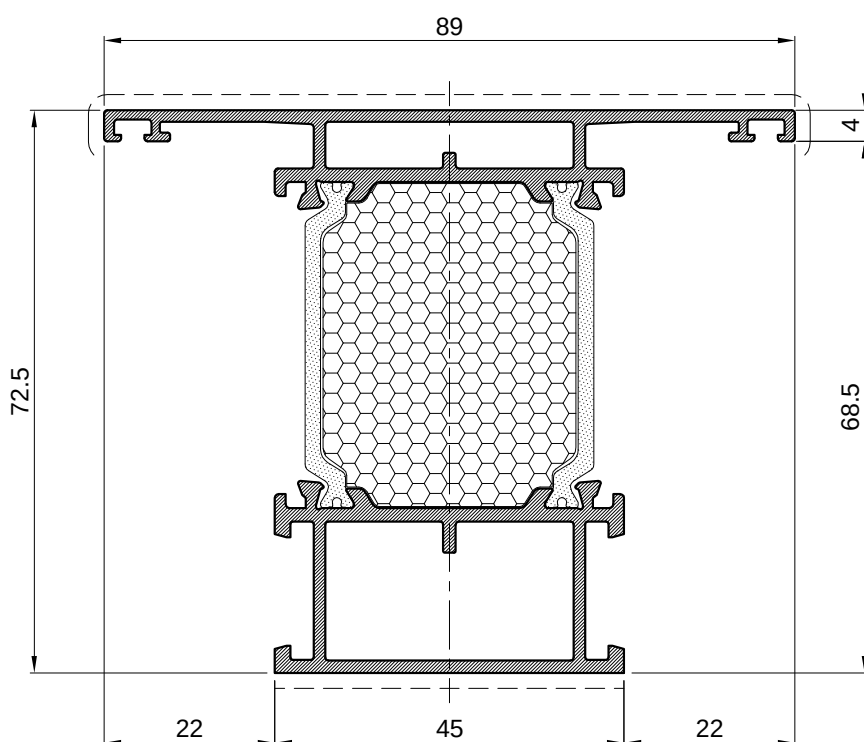
#### Profil ojačane prečke Reinforced crossbar profile

|                                             |                                      |               |
|---------------------------------------------|--------------------------------------|---------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1448F</b>                      |               |
| Težina<br>Weight                            | kg/m'                                | <b>2.556</b>  |
| Opseg<br>Perimeter                          | mm                                   | <b>550</b>    |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>106.88</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>32.82</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>21.24</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>7.38</b>   |
| L                                           | mm                                   | <b>6500</b>   |



Profil prečke za ravno krilo  
Crossbar profile for flat sash

|                                             |                          |              |
|---------------------------------------------|--------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1444F</b>          |              |
| Težina<br>Weight                            | kg/m'                    | <b>1.320</b> |
| Opseg<br>Perimeter                          | mm                       | <b>423</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm <sup>4</sup> ) | <b>24.22</b> |
|                                             | Iy<br>(cm <sup>4</sup> ) | <b>8.31</b>  |
|                                             | Wx<br>(cm <sup>3</sup> ) | <b>7.97</b>  |
|                                             | Wy<br>(cm <sup>3</sup> ) | <b>2.31</b>  |
| L                                           | mm                       | <b>6500</b>  |

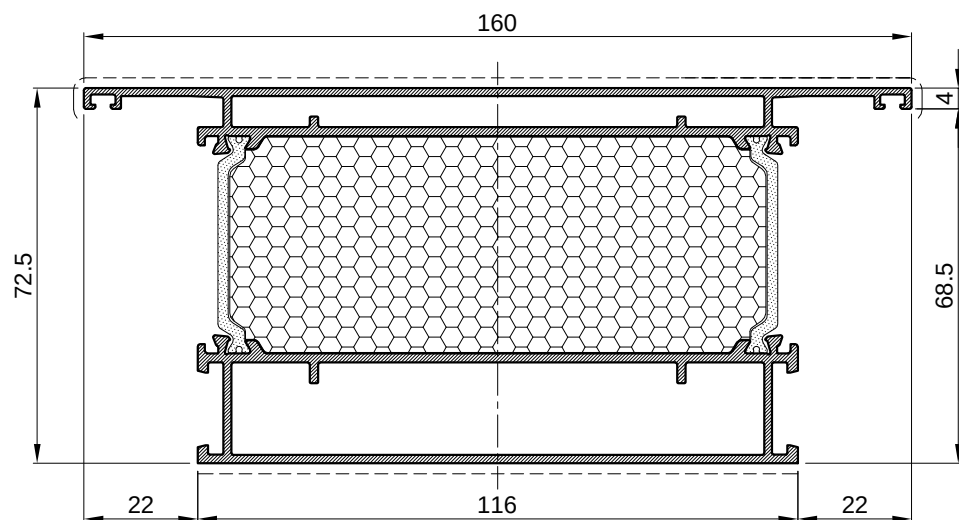


Profil prečke za ravno krilo  
Crossbar profile for flat sash

|                                             |                          |              |
|---------------------------------------------|--------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1445F</b>          |              |
| Težina<br>Weight                            | kg/m'                    | <b>1.649</b> |
| Opseg<br>Perimeter                          | mm                       | <b>457</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm <sup>4</sup> ) | <b>31.62</b> |
|                                             | Iy<br>(cm <sup>4</sup> ) | <b>19.57</b> |
|                                             | Wx<br>(cm <sup>3</sup> ) | <b>10.62</b> |
|                                             | Wy<br>(cm <sup>3</sup> ) | <b>4.40</b>  |
| L                                           | mm                       | <b>6500</b>  |

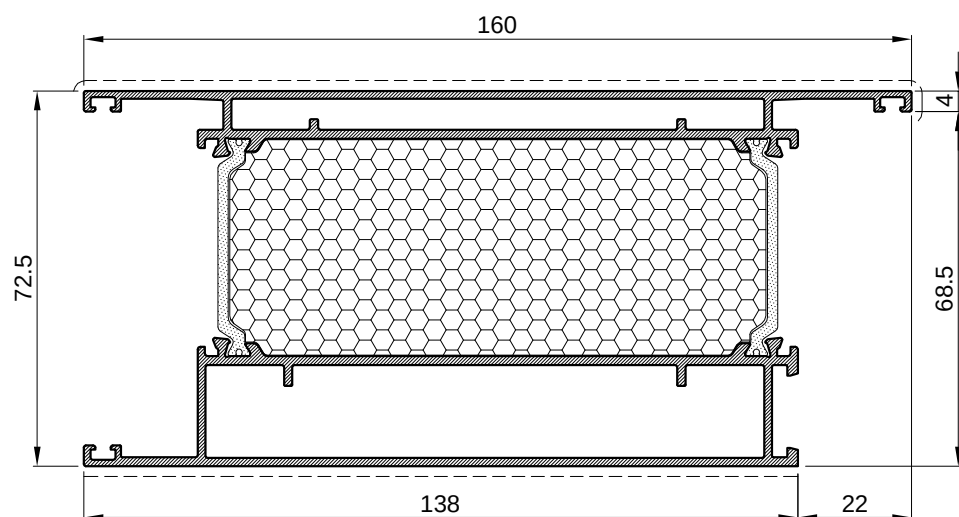
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”  
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”





Profil prečke za ravno krilo  
Crossbar profile for flat sash

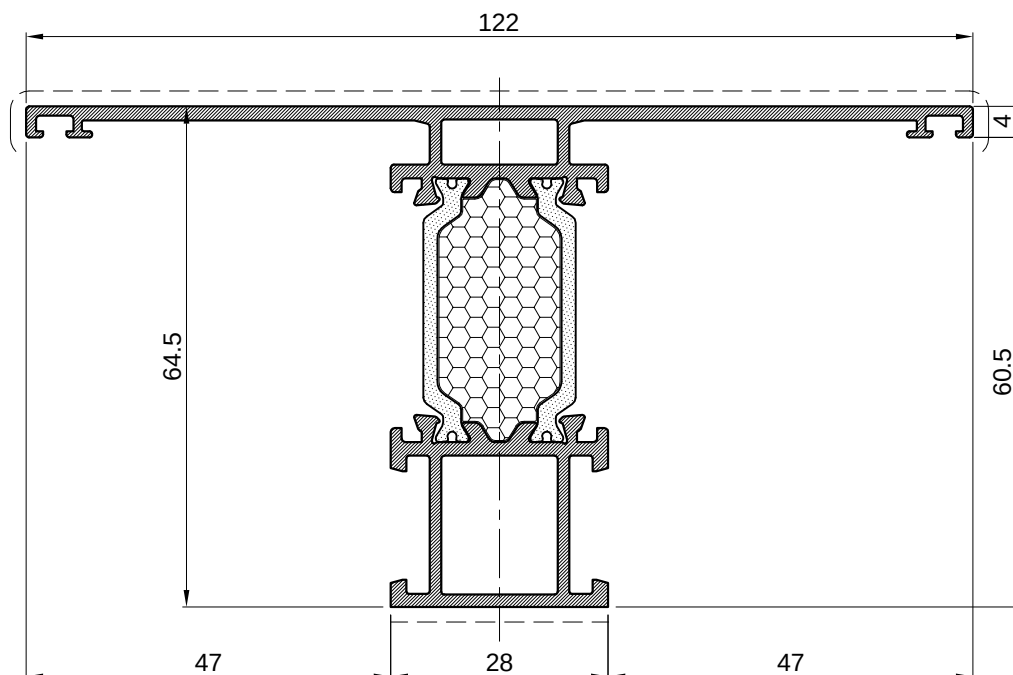
|                                             |                 |               |
|---------------------------------------------|-----------------|---------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1446F</b> |               |
| Težina<br>Weight                            | kg/m'           | <b>2.933</b>  |
| Opseg<br>Perimeter                          | mm              | <b>595</b>    |
| Moment<br>inerције<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>60.87</b>  |
|                                             | Iy<br>(cm4)     | <b>168.78</b> |
|                                             | Wx<br>(cm3)     | <b>21.10</b>  |
|                                             | Wy<br>(cm3)     | <b>21.10</b>  |
| L                                           | mm              | <b>6500</b>   |



Profil parapetne prečke  
za ravno krilo  
Bottom crossbar profile  
for flat sash

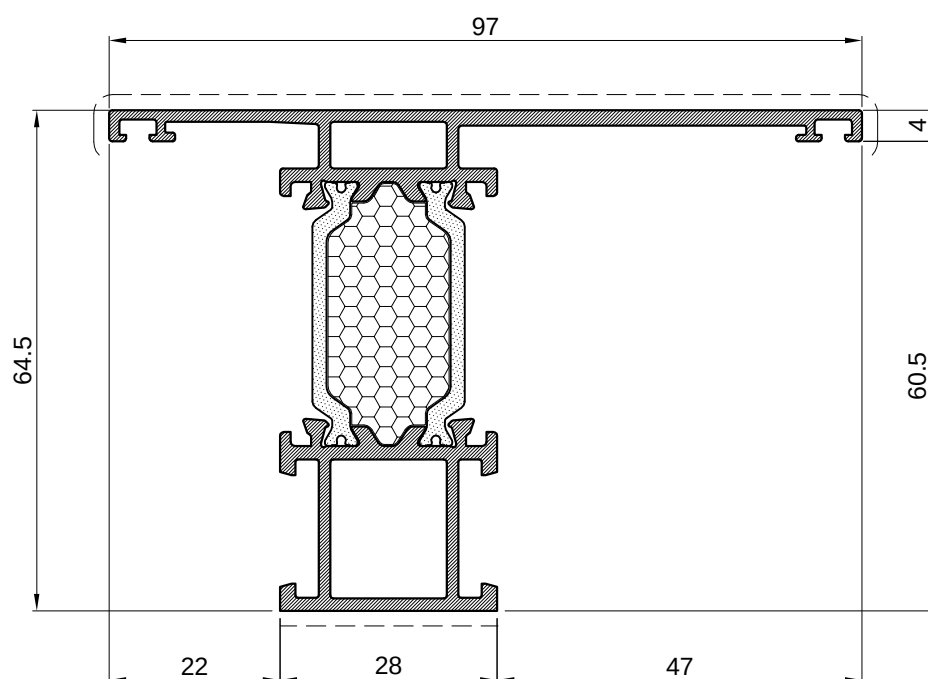
|                                             |                 |               |
|---------------------------------------------|-----------------|---------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1447F</b> |               |
| Težina<br>Weight                            | kg/m'           | <b>3.025</b>  |
| Opseg<br>Perimeter                          | mm              | <b>595</b>    |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>64.82</b>  |
|                                             | Iy<br>(cm4)     | <b>187.98</b> |
|                                             | Wx<br>(cm3)     | <b>23.24</b>  |
|                                             | Wy<br>(cm3)     | <b>22.77</b>  |
| L                                           | mm              | <b>6500</b>   |

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



Profil prečke (skriveno krilo)  
Crossbar profile  
(hidden sash)

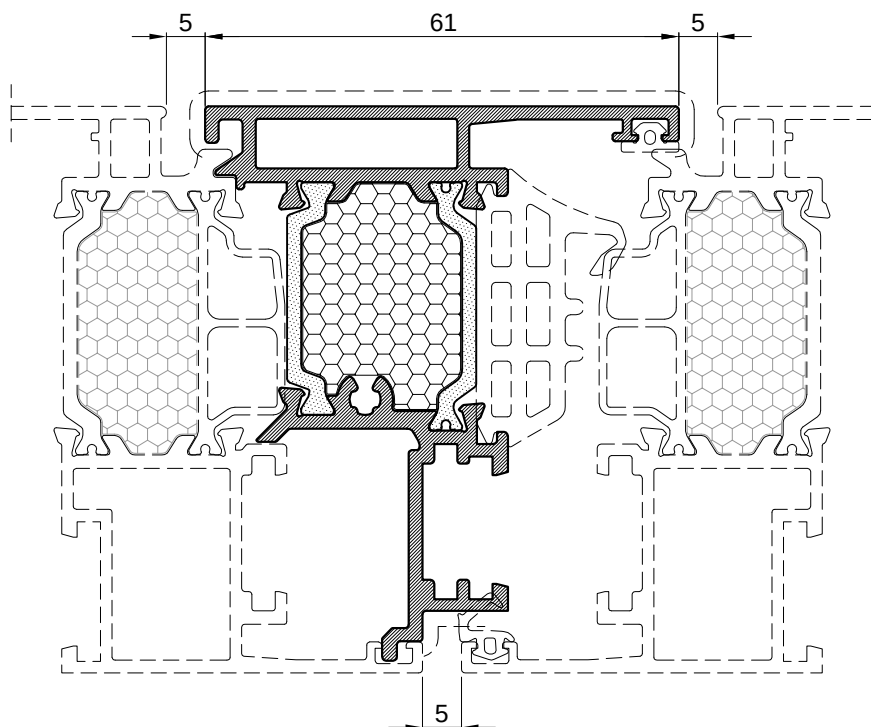
|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1480F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.559</b> |
| Opseg<br>Perimeter                          | mm              | <b>504</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>22.00</b> |
|                                             | Iy<br>(cm4)     | <b>32.46</b> |
|                                             | Wx<br>(cm3)     | <b>7.09</b>  |
|                                             | Wy<br>(cm3)     | <b>5.32</b>  |
| L                                           | mm              | <b>6500</b>  |



Profil prečke (skriveno krilo)  
Crossbar profile  
(hidden sash)

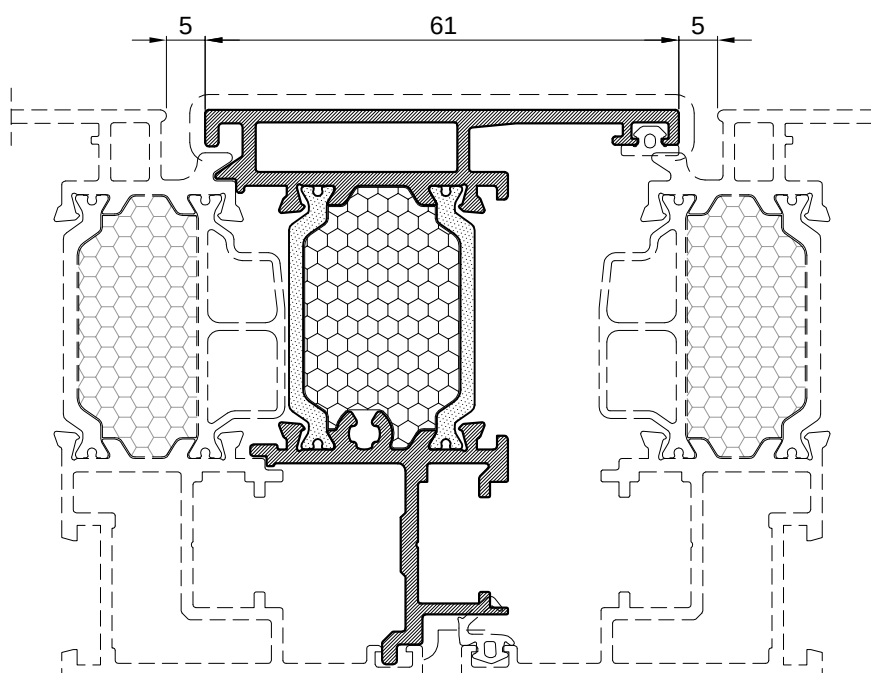
|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1481F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.438</b> |
| Opseg<br>Perimeter                          | mm              | <b>454</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>20.55</b> |
|                                             | Iy<br>(cm4)     | <b>19.91</b> |
|                                             | Wx<br>(cm3)     | <b>6.92</b>  |
|                                             | Wy<br>(cm3)     | <b>3.59</b>  |
| L                                           | mm              | <b>6500</b>  |

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



Profil komb. (otv.unutra i vani)  
Flying mullion  
(inwards and outwards opening)

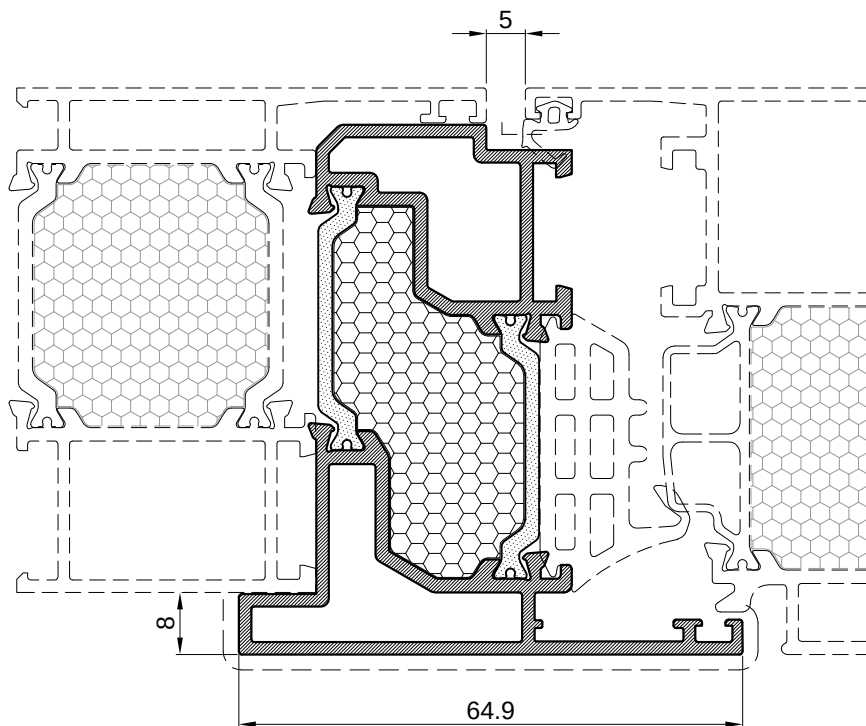
|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1450F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.302</b> |
| Opseg<br>Perimeter                          | mm              | <b>393</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>17.19</b> |
|                                             | Iy<br>(cm4)     | <b>7.65</b>  |
|                                             | Wx<br>(cm3)     | <b>5.05</b>  |
|                                             | Wy<br>(cm3)     | <b>2.19</b>  |
| L                                           | mm              | <b>6500</b>  |



Profil komb. (žlijeb 16/9)  
Flying mullion (groove 16/9)

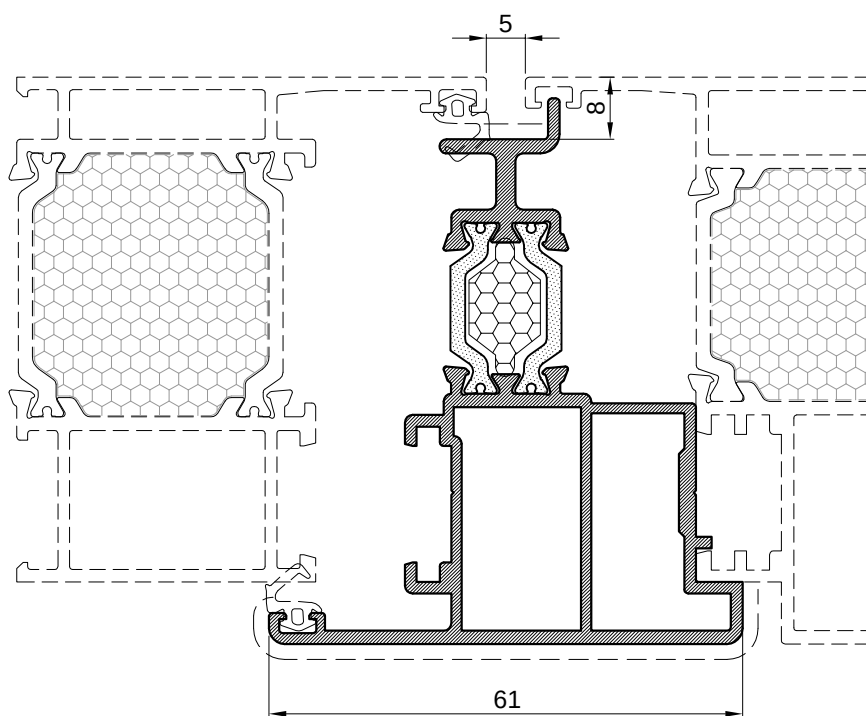
|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1451F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.283</b> |
| Opseg<br>Perimeter                          | mm              | <b>388.5</b> |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>16.82</b> |
|                                             | Iy<br>(cm4)     | <b>7.66</b>  |
|                                             | Wx<br>(cm3)     | <b>4.99</b>  |
|                                             | Wy<br>(cm3)     | <b>2.18</b>  |
| L                                           | mm              | <b>6500</b>  |

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



Profil komb. (otvaranje vani)  
Flying mullion (out. opening)

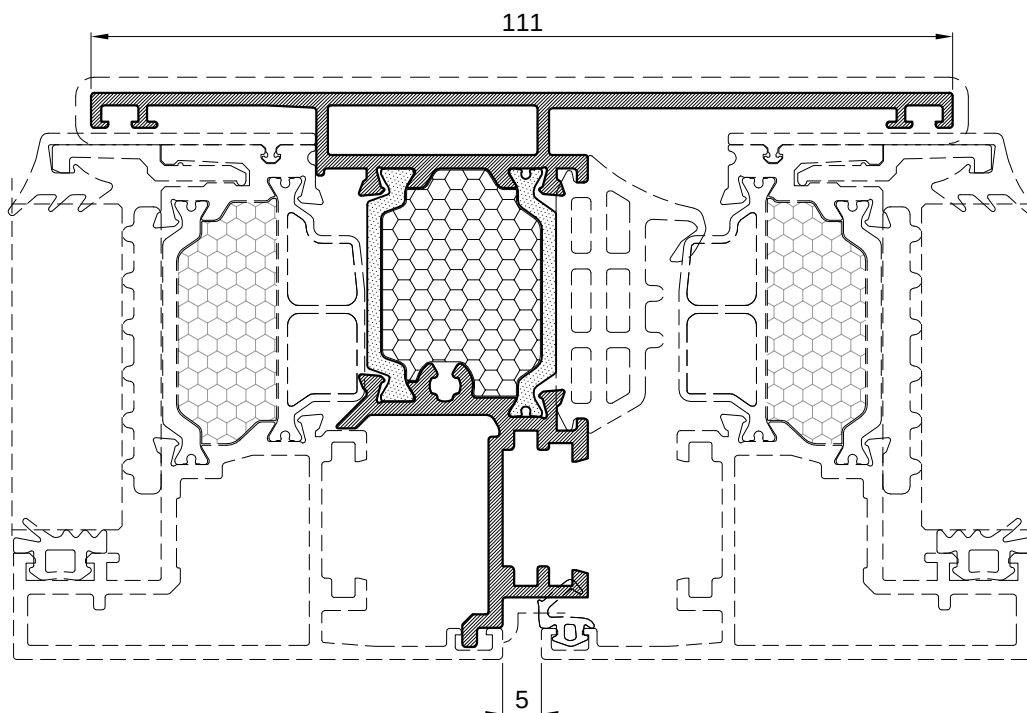
|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1452F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.491</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>344</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>22.65</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>10.57</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>7.70</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>2.79</b>  |
| L                                           | mm                                   | <b>6500</b>  |



Profil komb. (oko srednje osi)  
Flying mullion  
(turn around middle axes)

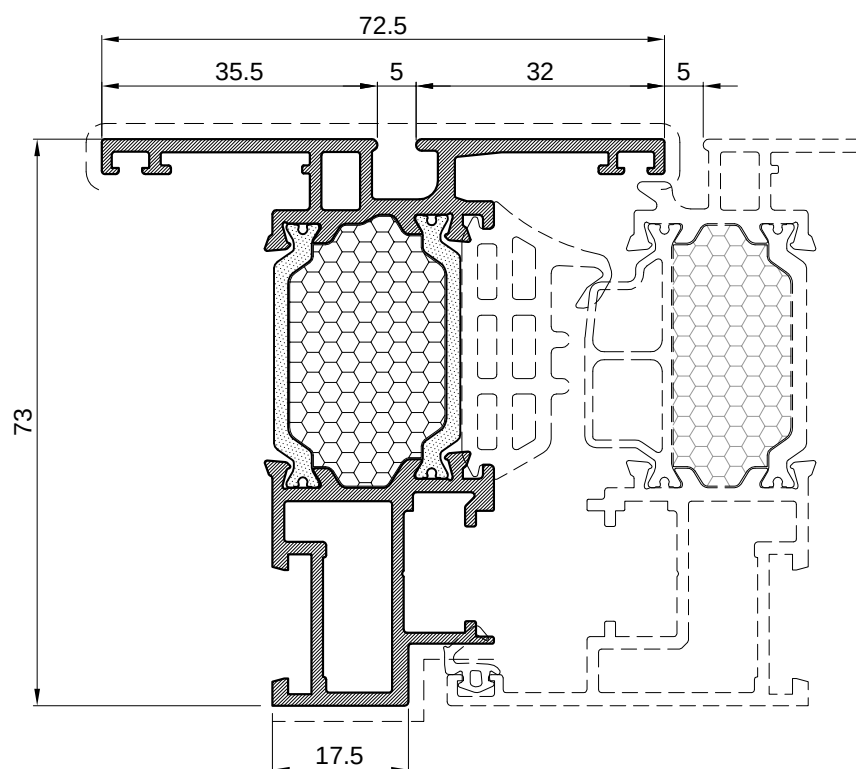
|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-0213/AF</b>                    |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.326</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>352</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>16.05</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>8.53</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>4.46</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>2.50</b>  |
| L                                           | mm                                   | <b>6500</b>  |

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



Profil komb. (skriveno krilo)  
Flying mullion (hidden sash)

|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1490F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.550</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>498</b>   |
| Moment<br>inerције<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>20.37</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>28.22</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>5.51</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>4.85</b>  |
| L                                           | mm                                   | <b>6500</b>  |

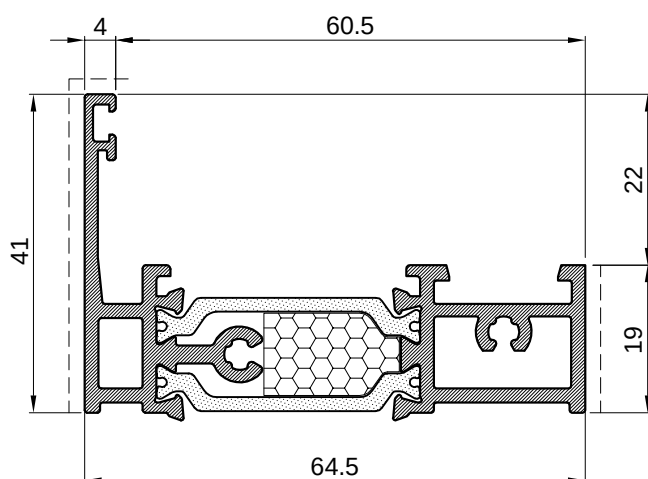


Profil krilo-kombatuta  
(žlijeb 16/9)  
Profile sash-flying mullion  
(groove 16/9)

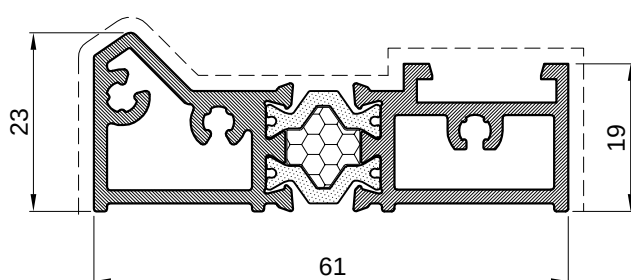
|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>* FT-1453F</b>                    |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.472</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>451</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>25.01</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>9.87</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>7.82</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>2.66</b>  |
| L                                           | mm                                   | <b>6500</b>  |

- \* - profil krilo-kombatuta (uski srednji pojas kod dvokrilnog prozora)  
 - specifična obrada profila  
 - profile sash-flying mullion (narrow middle zone-double sash window)  
 - specific processing of profile

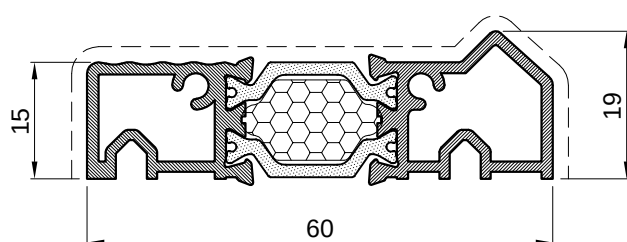
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”  
 PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



| Profil praga<br>Threshold profile |                 |              |
|-----------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                | <b>FT-1460F</b> |              |
| Težina<br>Weight                  | kg/m'           | <b>1.154</b> |
| Opseg<br>Perimeter                | mm              | <b>291</b>   |
| L                                 | mm              | <b>6500</b>  |

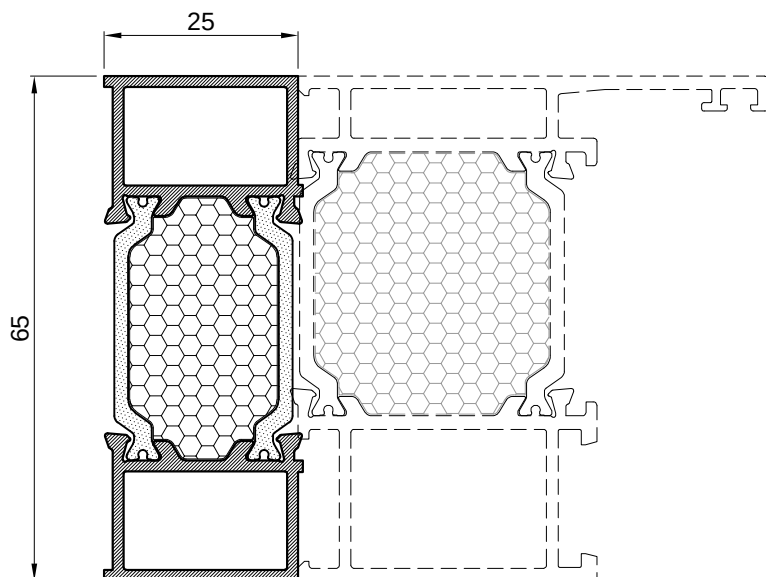


| Profil praga (otvaranje unutra)<br>Threshold pro. (inw. opening) |                 |              |
|------------------------------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                                               | <b>FT-0294F</b> |              |
| Težina<br>Weight                                                 | kg/m'           | <b>1.136</b> |
| Opseg<br>Perimeter                                               | mm              | <b>206</b>   |
| L                                                                | mm              | <b>6500</b>  |



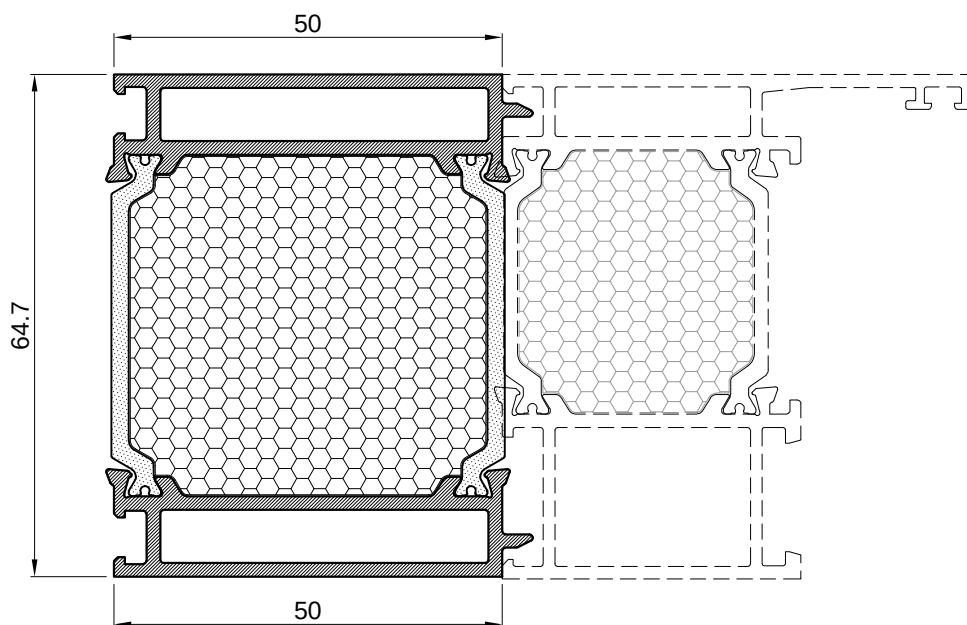
| Profil praga (otvaranje vani)<br>Threshold pro. (out. opening) |                 |              |
|----------------------------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                                             | <b>FT-1461F</b> |              |
| Težina<br>Weight                                               | kg/m'           | <b>0.823</b> |
| Opseg<br>Perimeter                                             | mm              | <b>201</b>   |
| L                                                              | mm              | <b>6500</b>  |

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



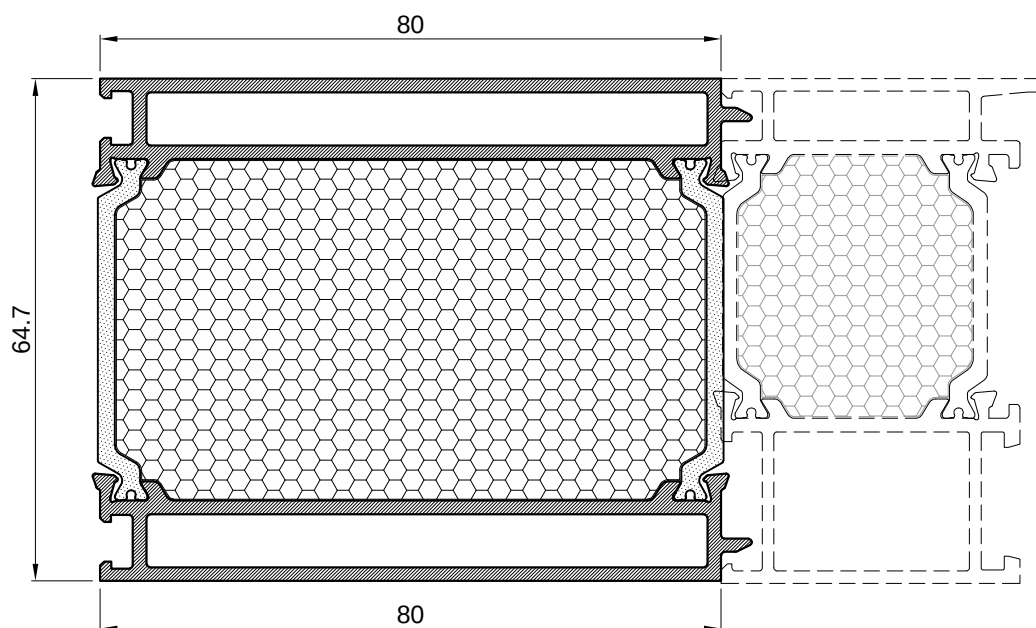
Profil za proširenje rama  
Frame extension profile

|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-0266F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>0.907</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>196</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>10.08</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>2.02</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>4.59</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>1.56</b>  |
| L                                           | mm                                   | <b>6500</b>  |



Profil za proširenje rama  
Frame extension profile

|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1455F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.548</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>262</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>23.67</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>13.17</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>10.33</b> |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>4.66</b>  |
| L                                           | mm                                   | <b>6500</b>  |

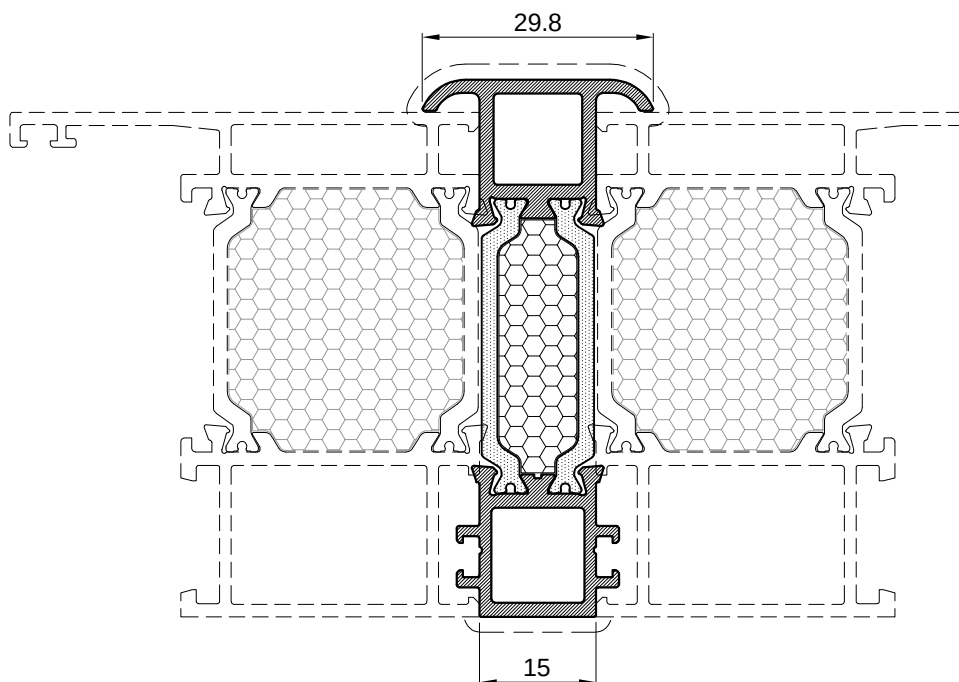


Profil za proširenje rama  
Frame extension profile

|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1456F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>2.116</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>322</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>34.92</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>46.15</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>15.25</b> |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>10.65</b> |
| L                                           | mm                                   | <b>6500</b>  |

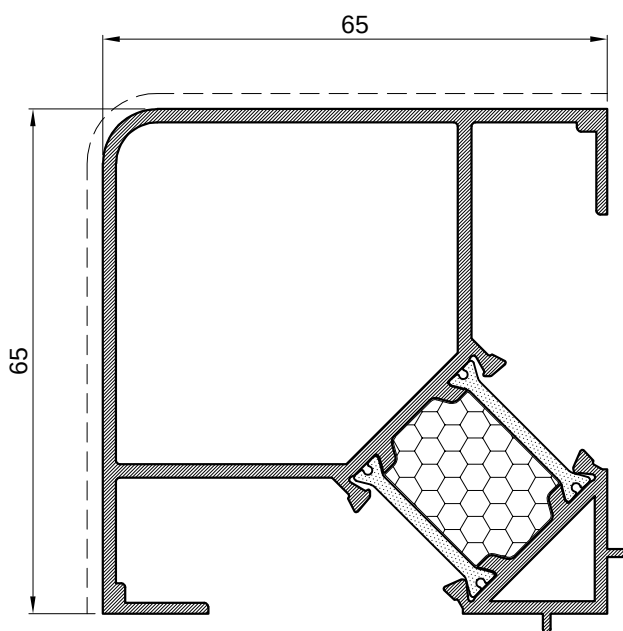
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”  
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”





Profil za spoj dva rama  
Coupling profile for frames

|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-1457F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>0.987</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>251</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>13.97</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>1.19</b>  |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>5.31</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>0.80</b>  |
| L                                           | mm                                   | <b>6500</b>  |

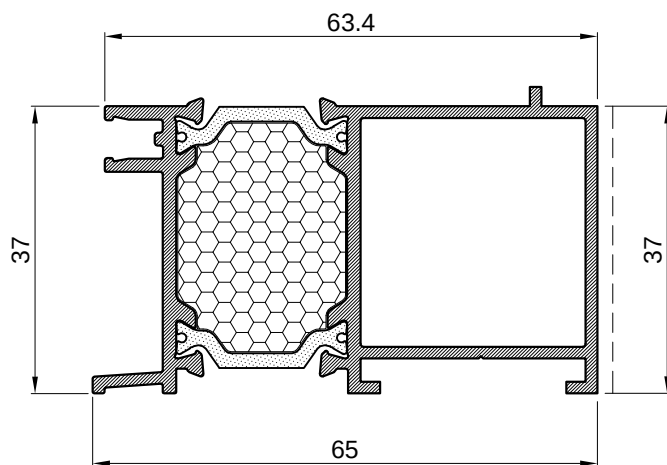


Profil za spoj pod kutem  
Profile for angle joint

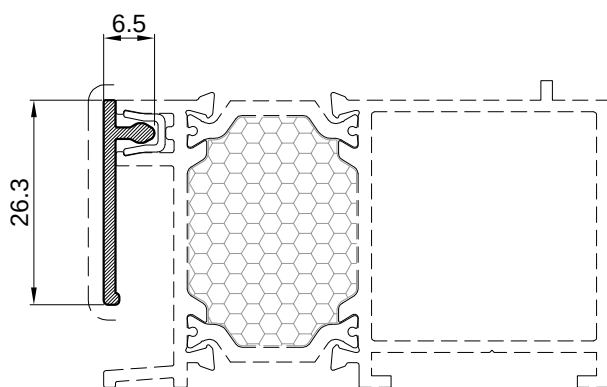
|                                             |                                      |              |
|---------------------------------------------|--------------------------------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-0222F</b>                      |              |
| Težina<br>Weight                            | kg/m'                                | <b>1.604</b> |
| Opseg<br>Perimeter                          | mm                                   | <b>382</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | I <sub>x</sub><br>(cm <sup>4</sup> ) | <b>26.13</b> |
|                                             | I <sub>y</sub><br>(cm <sup>4</sup> ) | <b>28.97</b> |
|                                             | W <sub>x</sub><br>(cm <sup>3</sup> ) | <b>8.43</b>  |
|                                             | W <sub>y</sub><br>(cm <sup>3</sup> ) | <b>8.43</b>  |
| L                                           | mm                                   | <b>6500</b>  |

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

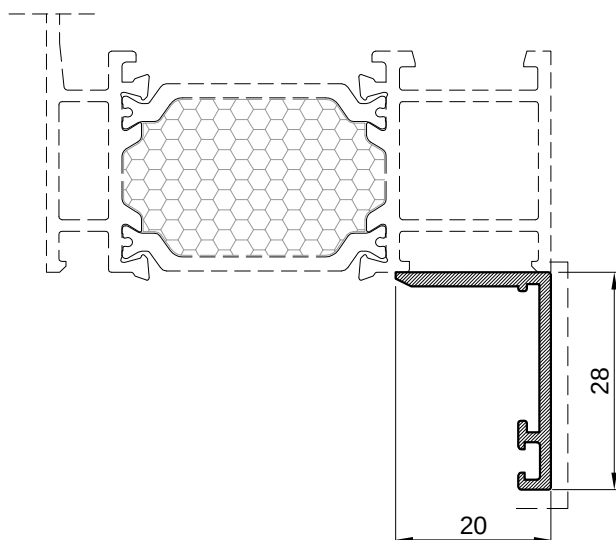




| Profil za proširenje<br>Extension profile    |                  |              |
|----------------------------------------------|------------------|--------------|
| Art.Br.<br>Art.Nr.                           | <b>FT- 0289F</b> |              |
| Težina<br>Weight                             | kg/m'            | <b>1.149</b> |
| Opseg<br>Perimeter                           | mm               | <b>271</b>   |
| Moment<br>inerccije<br>Moments<br>of inertia | Ix<br>(cm4)      | <b>6.57</b>  |
|                                              | Iy<br>(cm4)      | <b>16.6</b>  |
|                                              | Wx<br>(cm3)      | <b>3.28</b>  |
|                                              | Wy<br>(cm3)      | <b>4.97</b>  |
| L                                            | mm               | <b>6500</b>  |

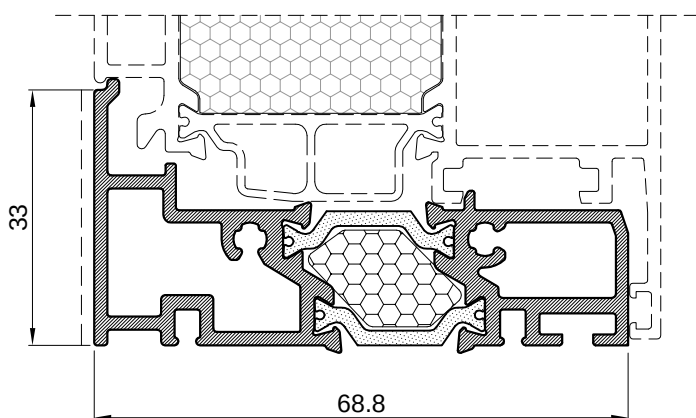


| Profil maska<br>Profile mask |               |              |
|------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.           | <b>F-1552</b> |              |
| Težina<br>Weight             | kg/m'         | <b>0.133</b> |
| Opseg<br>Perimeter           | mm         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



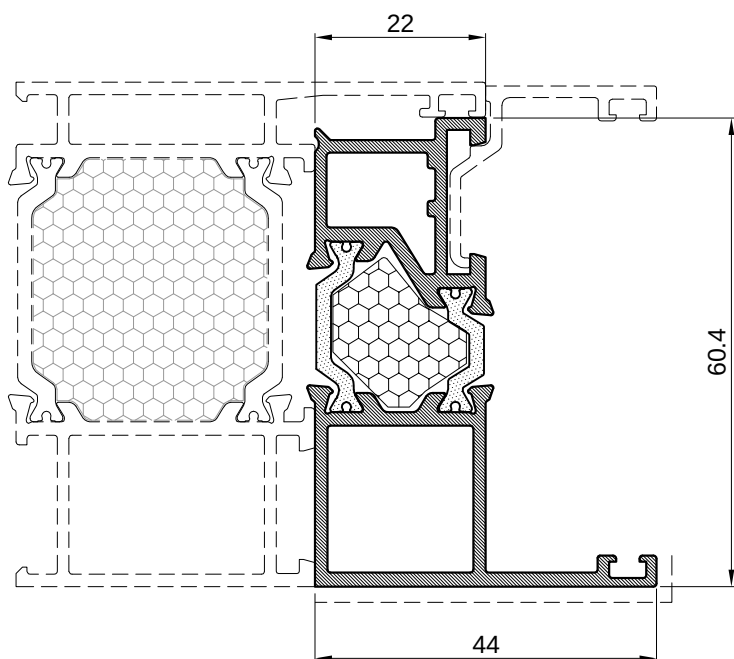
| Unutarnja maska<br>Interior mask profile |               |              |
|------------------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.                       | <b>F-1558</b> |              |
| Težina<br>Weight                         | kg/m'         | <b>0.227</b> |
| Opseg<br>Perimeter                       | mm            | <b>113</b>   |
| L                                        | mm            | <b>6500</b>  |

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



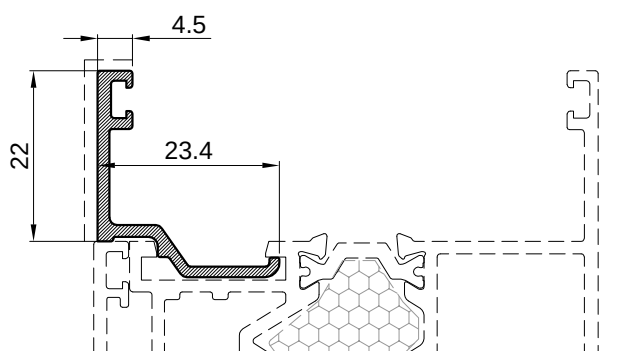
Profil za krilo vrata bez praga  
Profile for door leaf without threshold

|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-0288F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.251</b> |
| Opseg<br>Perimeter                          | mm              | <b>260</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>2.45</b>  |
|                                             | Iy<br>(cm4)     | <b>16.19</b> |
|                                             | Wx<br>(cm3)     | <b>1.03</b>  |
|                                             | Wy<br>(cm3)     | <b>5.83</b>  |
| L                                           | mm              | <b>6500</b>  |



Profil za ostakljivanje s  
vanjske strane  
Glazing profile from the outside

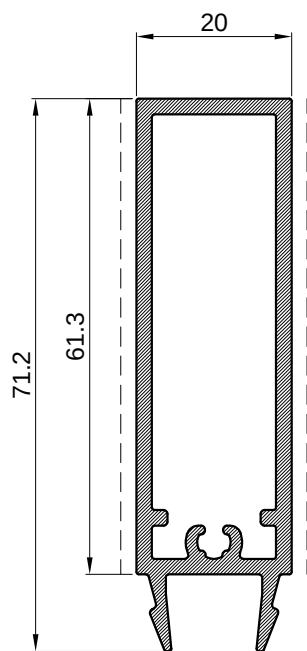
|                                             |                 |              |
|---------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                          | <b>FT-0293F</b> |              |
| Težina<br>Weight                            | kg/m'           | <b>1.118</b> |
| Opseg<br>Perimeter                          | mm              | <b>247</b>   |
| Moment<br>inercije<br>Moments<br>of inertia | Ix<br>(cm4)     | <b>11.63</b> |
|                                             | Iy<br>(cm4)     | <b>4.04</b>  |
|                                             | Wx<br>(cm3)     | <b>4.63</b>  |
|                                             | Wy<br>(cm3)     | <b>1.34</b>  |
| L                                           | mm              | <b>6500</b>  |



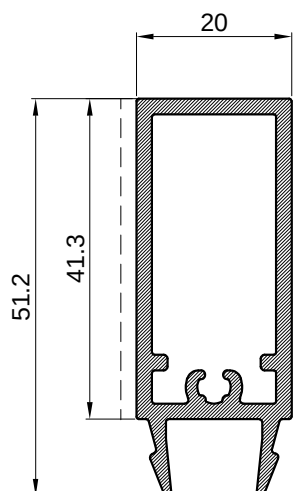
Profil za ostakljivanje s  
vanjske strane  
Glazing profile from the outside

|                    |                |              |
|--------------------|----------------|--------------|
| Art.Br.<br>Art.Nr. | <b>NP-4822</b> |              |
| Težina<br>Weight   | kg/m'          | <b>0.218</b> |
| Opseg<br>Perimeter | mm             | <b>134</b>   |
| L                  | mm             | <b>6500</b>  |

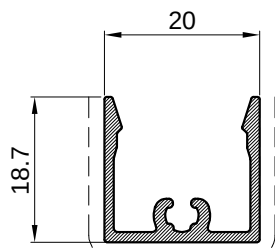
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”  
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



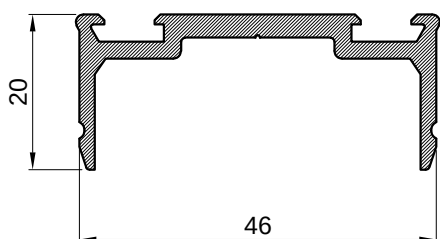
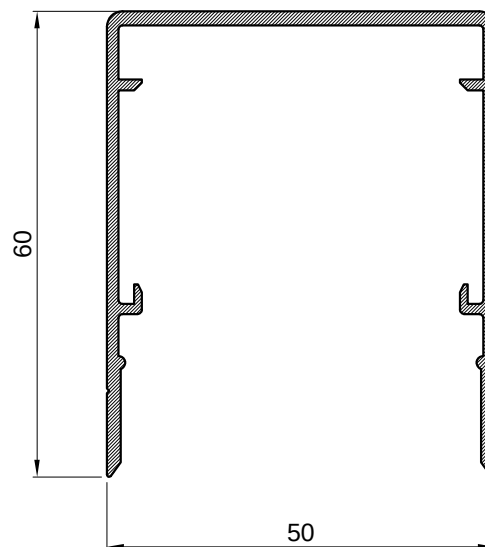
| Profil ojačanja prečke<br>Window crossbar<br>reinforcement |                 |              |
|------------------------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                                         | <b>NP- 4183</b> |              |
| Težina<br>Weight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



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

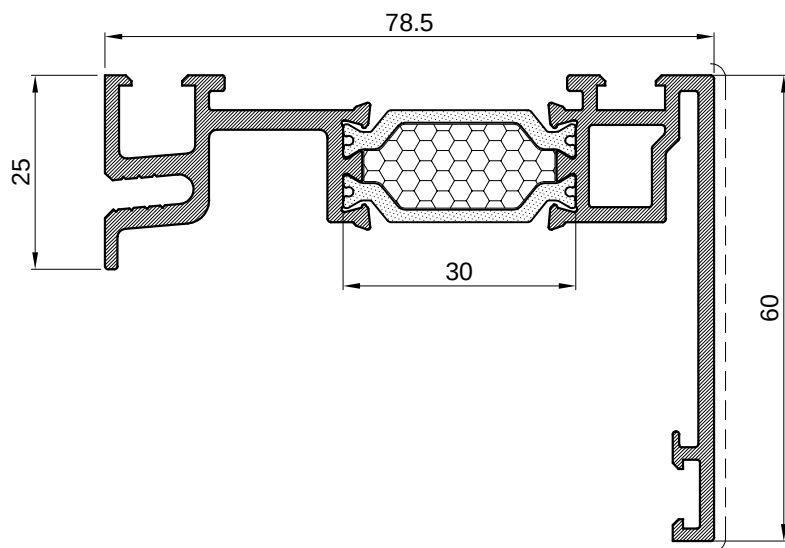


| Maska profila ojačanja<br>Reinforcement profile mask |                |              |
|------------------------------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.                                   | <b>NP-4184</b> |              |
| Težina<br>Weight               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

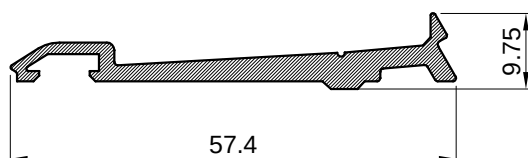


| Profil držača ojačanja<br>Reinforcement holder profile |                   |             |
|--------------------------------------------------------|-------------------|-------------|
| Art.Br.<br>Art.Nr.                                     | <b>FMO 50/20D</b> |             |
| Težina<br>Weight                                       | kg/m'             | 0.558       |
| Opseg<br>Perimeter                                     | mm                | 185         |
| L                                                      | mm                | <b>6500</b> |

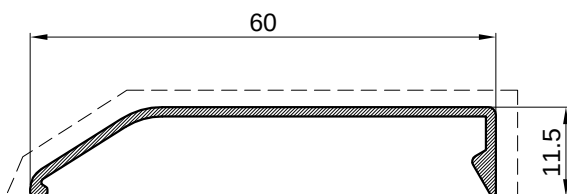
| Maska profila ojačanja<br>Reinforcement profile mask |                  |             |
|------------------------------------------------------|------------------|-------------|
| Art.Br.<br>Art.Nr.                                   | <b>FMO 50/61</b> |             |
| Težina<br>Weight                                     | kg/m'            | 0.785       |
| Opseg<br>Perimeter                                   | mm               | 365         |
| L                                                    | mm               | <b>6500</b> |



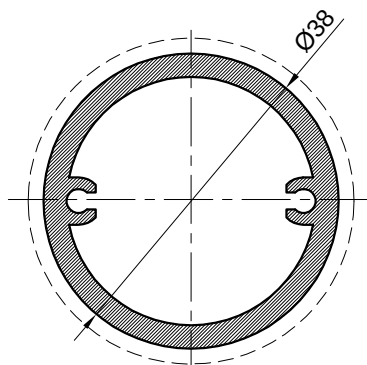
| Profil za ugradnju<br>Installation profile |                 |              |
|--------------------------------------------|-----------------|--------------|
| Art.Br.<br>Art.Nr.                         | <b>FT-0242F</b> |              |
| Težina<br>Weight                           | kg/m'           | <b>1.489</b> |
| Opseg<br>Perimeter                         | mm              | <b>438</b>   |
| L                                          | mm              | <b>6500</b>  |



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

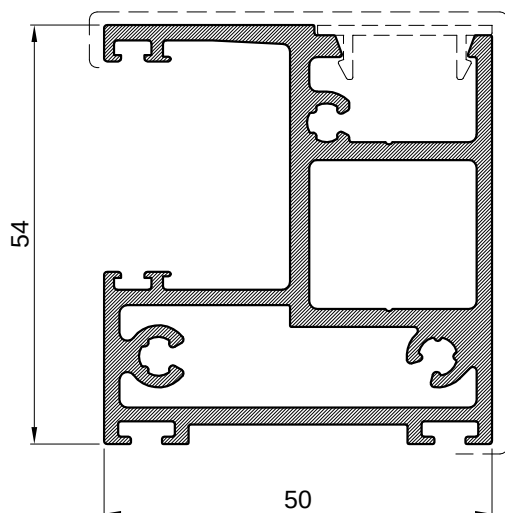


| Profil za ugradnju<br>Installation profile |               |              |
|--------------------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.                         | <b>FM-072</b> |              |
| Težina<br>Weight                           | kg/m'         | <b>0.258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



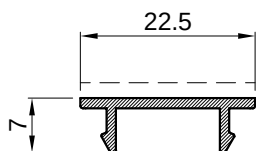
| Profil rukohvata vrata<br>Door handle profile |               |              |
|-----------------------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.                            | <b>F-0829</b> |              |
| Težina<br>Weight                              | kg/m'  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

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



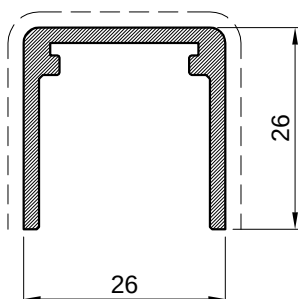
Profil francuskog balkona  
French balcony profile

|                    |               |             |
|--------------------|---------------|-------------|
| Art.Br.<br>Art.Nr. | <b>F-1569</b> |             |
| Težina<br>Weight   | kg/m'         | <b>1.78</b> |
| Opseg<br>Perimeter | mm            | <b>357</b>  |
| L                  | mm            | <b>6500</b> |



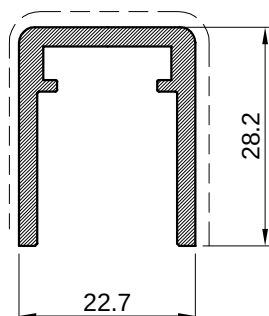
Pokrivni profil  
Cover profile

|                    |               |              |
|--------------------|---------------|--------------|
| Art.Br.<br>Art.Nr. | <b>F-0826</b> |              |
| Težina<br>Weight   | kg/m'         | <b>0.117</b> |
| Opseg<br>Perimeter | mm            | <b>70</b>    |
| L                  | mm            | <b>6500</b>  |



Profil rukovata za 1010.4  
Handrail profile for 1010.4

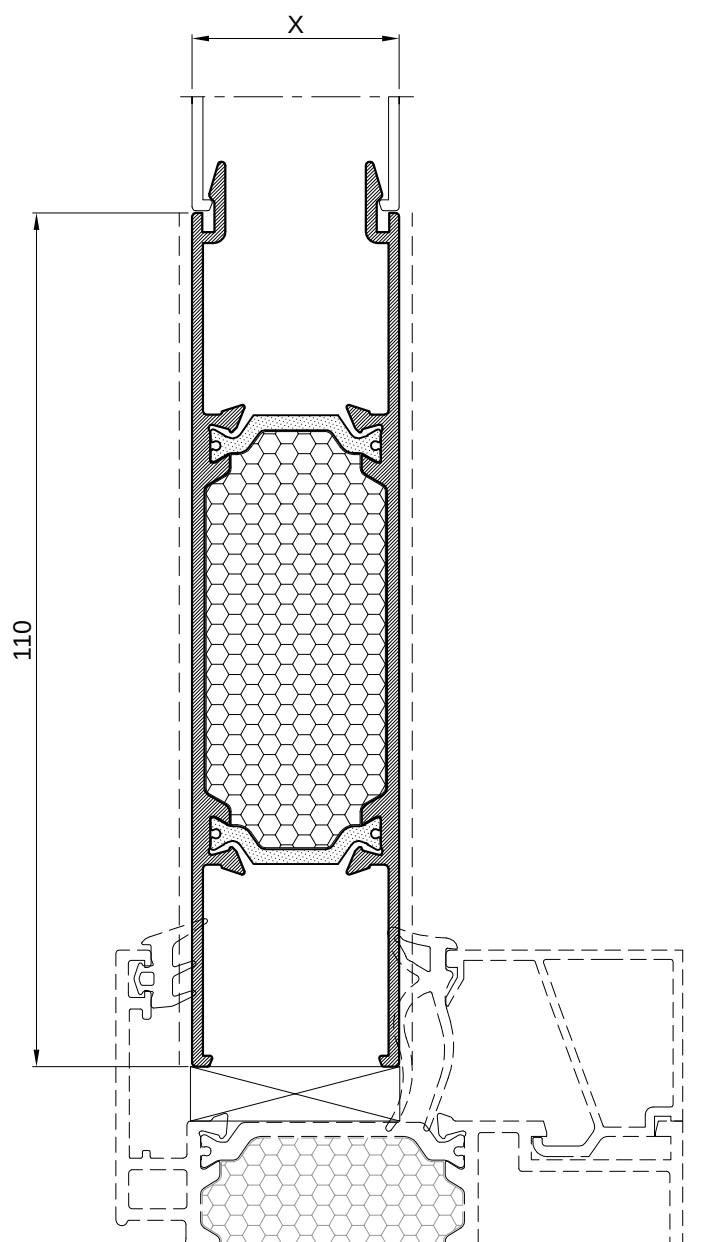
|                    |               |              |
|--------------------|---------------|--------------|
| Art.Br.<br>Art.Nr. | <b>F-1437</b> |              |
| Težina<br>Weight   | kg/m'         | <b>0.444</b> |
| Opseg<br>Perimeter | mm            | <b>154</b>   |
| L                  | mm            | <b>6500</b>  |



Profil rukovata za 88.4  
Handrail profile for 88.4

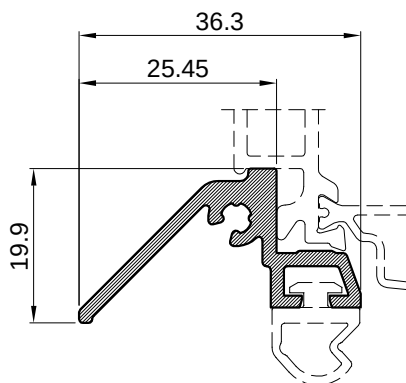
|                    |               |              |
|--------------------|---------------|--------------|
| Art.Br.<br>Art.Nr. | <b>F-1490</b> |              |
| Težina<br>Weight   | kg/m'         | <b>0.512</b> |
| Opseg<br>Perimeter | mm            | <b>158</b>   |
| L                  | mm            | <b>6500</b>  |

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

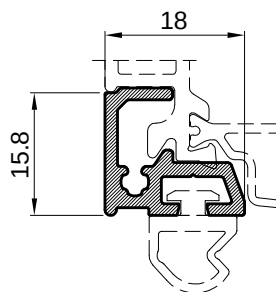


| PROFIL<br>PROFILE             | FT-0142-44F          | FT-0142-39F          | FT-0142-35F          | FT-0142-33F          | FT-0142-27F          | FT-0142              |
|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ŠIRINA /mm/<br>WIDTH/mm/      | 43.7                 | 38.7                 | 34.7                 | 32.7                 | 26.7                 | 19.5                 |
| TEŽINA /kg/m/<br>WEIGHT/kg/m/ | 1.453                | 1.437                | 1.423                | 1.413                | 1.372                | 1.280                |
| POLIAMID<br>POLYAMIDE<br>/mm/ | 39                   | 34                   | 30                   | 28                   | 22                   | 14.8                 |
| LAJSNA<br>GLAZING BEAD        | Z40-665<br>(15.5 mm) | Z40-666<br>(20.5 mm) | Z40-667<br>(25.5 mm) | Z40-667<br>(25.5 mm) | Z40-668<br>(30.5 mm) | Z40-670<br>(40.5 mm) |
| BRTVE<br>GASKET               | 321.002 i<br>311.004 | 321.002 i<br>311.004 | 321.002 i<br>311.004 | 321.003 i<br>311.004 | 321.003 i<br>311.004 | 321.002 i<br>311.004 |

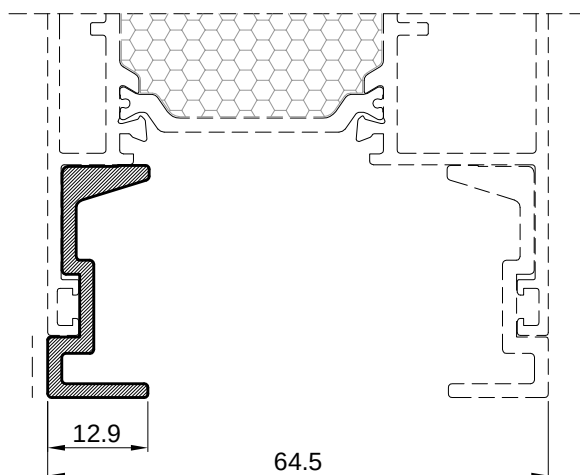
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVAK „F”  
PROFILE WITHOUT XPS DO NOT HAVE ENDING „F”



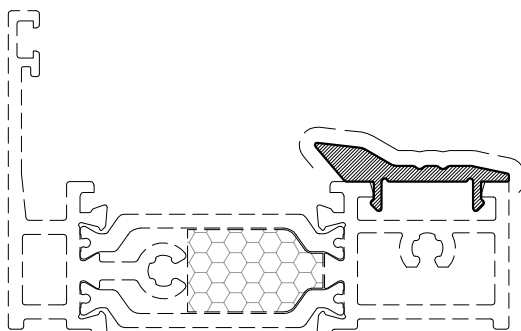
| Profil okapnice<br>Drip cap profile |               |              |
|-------------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.                  | <b>F-1567</b> |              |
| Težina<br>Weight                    | kg/m'         | <b>0.397</b> |
| Opseg<br>Perimeter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



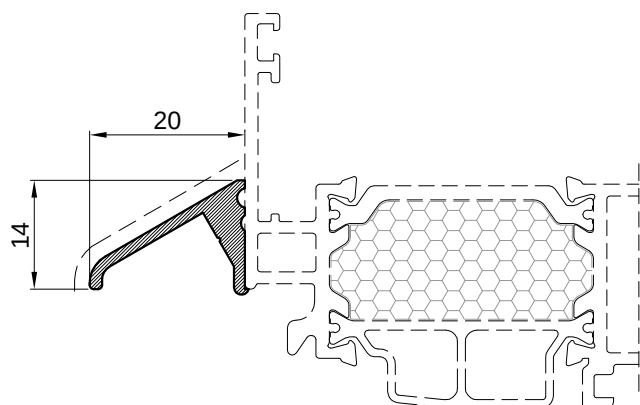
| Profil okapnice<br>Drip cap profile |               |              |
|-------------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.                  | <b>F-1780</b> |              |
| Težina<br>Weight                    | kg/m'         | <b>0.253</b> |
| Opseg<br>Perimeter                  | mm            | <b>111</b>   |
| L                                   | mm            | <b>6500</b>  |



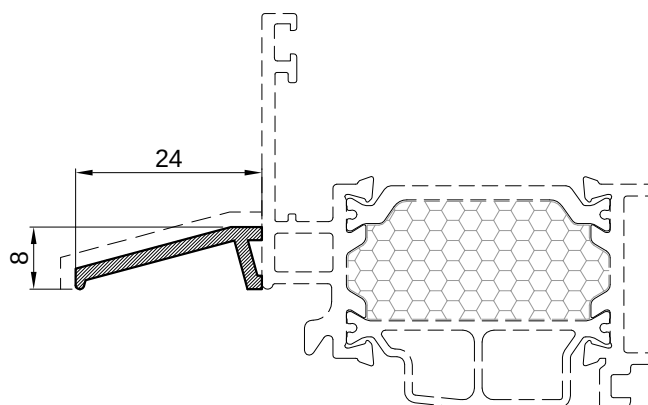
| Profil<br>profile  |               |              |
|--------------------|---------------|--------------|
| Art.Br.<br>Art.Nr. | <b>F-1408</b> |              |
| Težina<br>Weight   | kg/m'         | <b>0.312</b> |
| Opseg<br>Perimeter | mm            | <b>112</b>   |
| L                  | mm            | <b>6500</b>  |



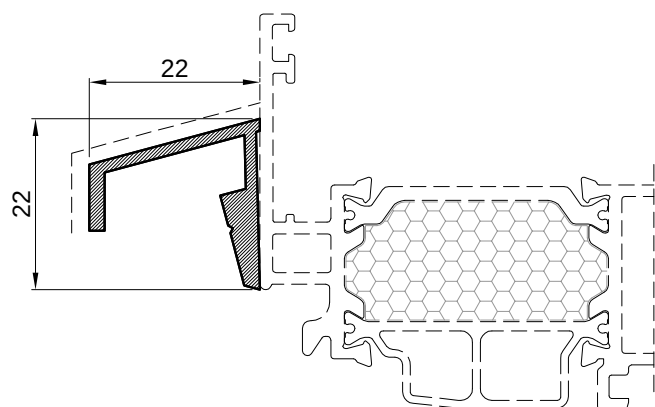
| Profil maske praga<br>Threshold mask profile |               |              |
|----------------------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.                           | <b>F-1589</b> |              |
| Težina<br>Weight                             | kg/m'         | <b>0.179</b> |
| Opseg<br>Perimeter                           | mm            | <b>69.9</b>  |
| L                                            | mm            | <b>6500</b>  |



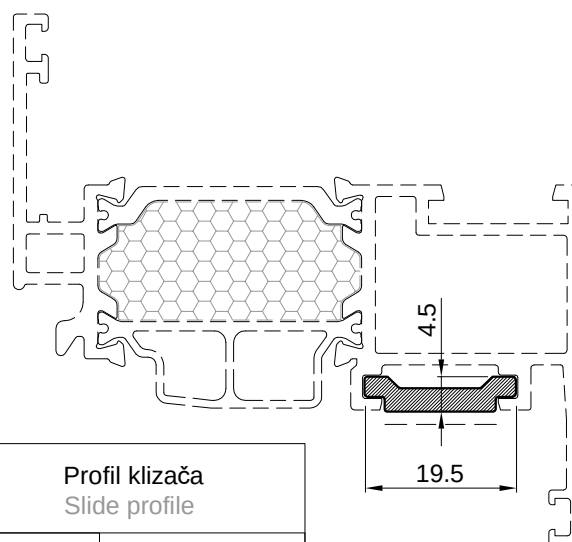
| Profil okapnice<br>Drip cap profile |                |              |
|-------------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.                  | <b>Z40-657</b> |              |
| Težina<br>Weight                    | kg/m'          | <b>0.186</b> |
| Opseg<br>Perimeter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



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

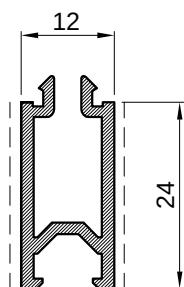


| Profil okapnice<br>Drip cap profile |                |              |
|-------------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.                  | <b>060 350</b> |              |
| Težina<br>Weight                    | kg/m'          | <b>0.275</b> |
| Opseg<br>Perimeter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

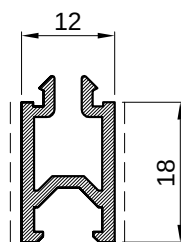


| Profil klizača<br>Slide profile |                |              |
|---------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.              | <b>NC-1459</b> |              |
| Težina<br>Weight                | kg/m'          | <b>0.161</b> |
| Opseg<br>Perimeter        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

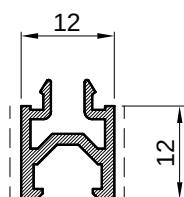




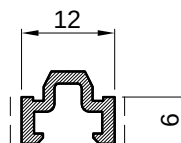
|                                      |                 |              |
|--------------------------------------|-----------------|--------------|
| Al. umetak 24 mm<br>Al. insert 24 mm |                 |              |
| Art.Br.<br>Art.Nr.                   | <b>FM 24/12</b> |              |
| Težina<br>Weight                     | kg/m'           | <b>0.31</b>  |
| Opseg<br>Perimeter                   | mm              | <b>148.3</b> |
| L                                    | mm              | <b>6500</b>  |



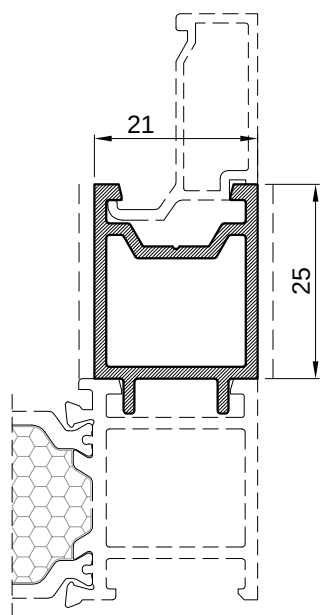
|                                      |                 |              |
|--------------------------------------|-----------------|--------------|
| Al. umetak 18 mm<br>Al. insert 18 mm |                 |              |
| Art.Br.<br>Art.Nr.                   | <b>FM 18/12</b> |              |
| Težina<br>Weight                     | kg/m'           | <b>0.254</b> |
| Opseg<br>Perimeter                   | mm              | <b>124</b>   |
| L                                    | mm              | <b>6500</b>  |



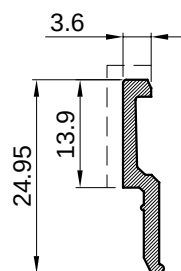
|                                      |                 |               |
|--------------------------------------|-----------------|---------------|
| Al. umetak 12 mm<br>Al. insert 12 mm |                 |               |
| Art.Br.<br>Art.Nr.                   | <b>FM 12/12</b> |               |
| Težina<br>Weight                     | kg/m'           | <b>0.18</b>   |
| Opseg<br>Perimeter                   | mm              | <b>100.16</b> |
| L                                    | mm              | <b>6500</b>   |



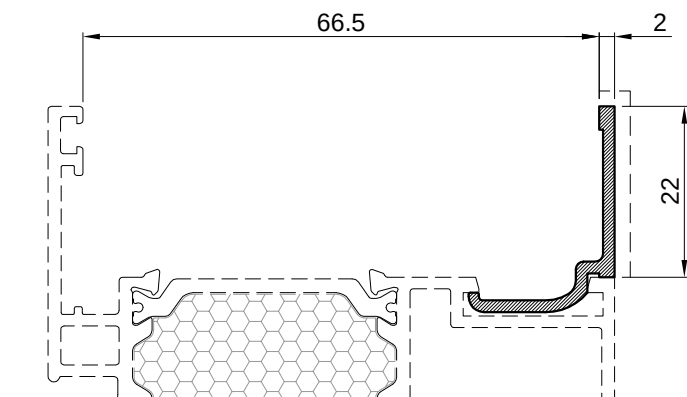
|                                    |                |              |
|------------------------------------|----------------|--------------|
| Al. umetak 6 mm<br>Al. insert 6 mm |                |              |
| Art.Br.<br>Art.Nr.                 | <b>FM 6/12</b> |              |
| Težina<br>Weight                   | kg/m'          | <b>0.116</b> |
| Opseg<br>Perimeter                 | mm             | <b>61</b>    |
| L                                  | mm             | <b>6500</b>  |



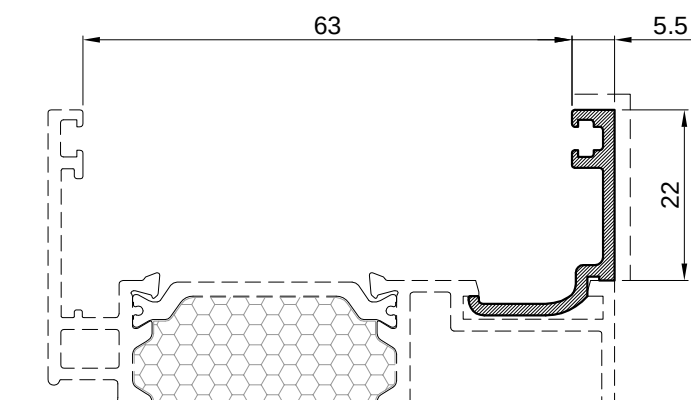
|                                                             |               |              |
|-------------------------------------------------------------|---------------|--------------|
| Al. profil za staklo lajsnu<br>Al. profile for glazing bead |               |              |
| Art.Br.<br>Art.Nr.                                          | <b>F-1810</b> |              |
| Težina<br>Weight                                            | kg/m'         | <b>0.416</b> |
| Opseg<br>Perimeter                                          | mm            | <b>424</b>   |
| L                                                           | mm            | <b>6500</b>  |



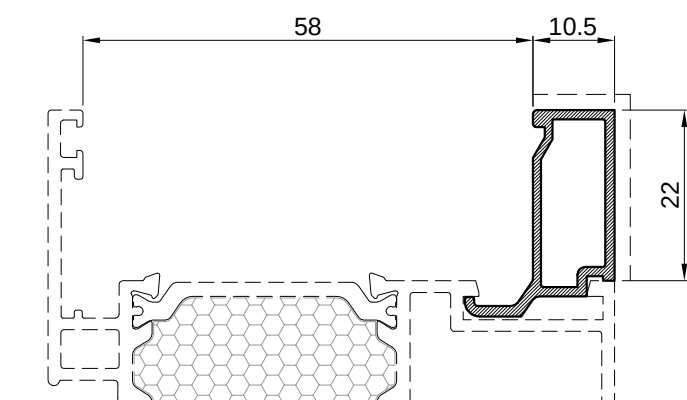
|                                                              |              |              |
|--------------------------------------------------------------|--------------|--------------|
| Staklo lajsna (skriveno krilo)<br>Glazing bead (hidden sash) |              |              |
| Art.Br.<br>Art.Nr.                                           | <b>FR-41</b> |              |
| Težina<br>Weight                                             | kg/m'        | <b>0.147</b> |
| Opseg<br>Perimeter                                           | mm           | <b>61</b>    |
| L                                                            | mm           | <b>6500</b>  |



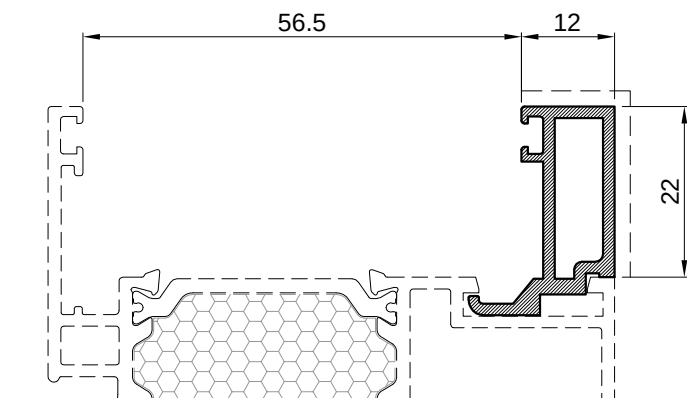
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-660</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.179</b> |
| Opseg<br>Perimeter            | mm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



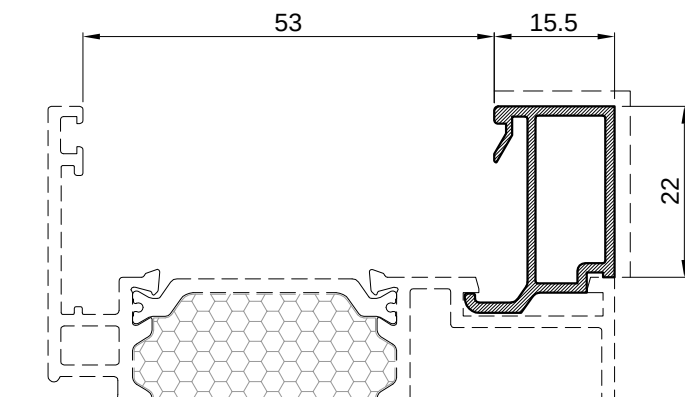
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-656</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.215</b> |
| Opseg<br>Perimeter            | mm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



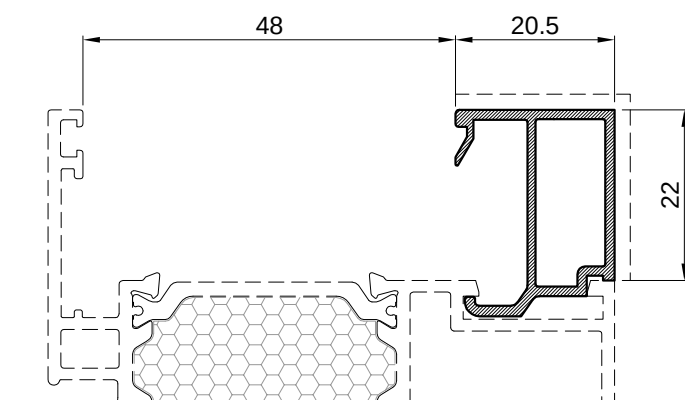
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-664</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.243</b> |
| Opseg<br>Perimeter            | mm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



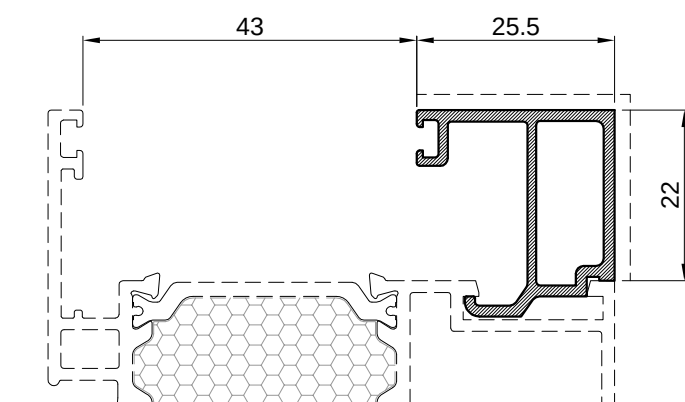
| Staklo lajsna<br>Glazing bead |               |              |
|-------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>F-0784</b> |              |
| Težina<br>Weight              | kg/m'         | <b>0.330</b> |
| Opseg<br>Perimeter            | mm    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



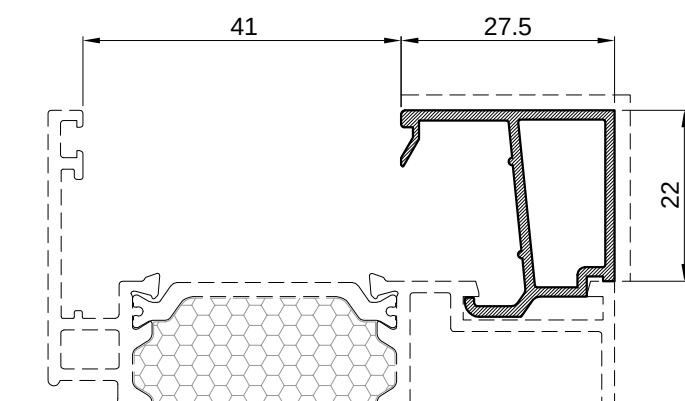
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-665</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.272</b> |
| Opseg<br>Perimeter            | mm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



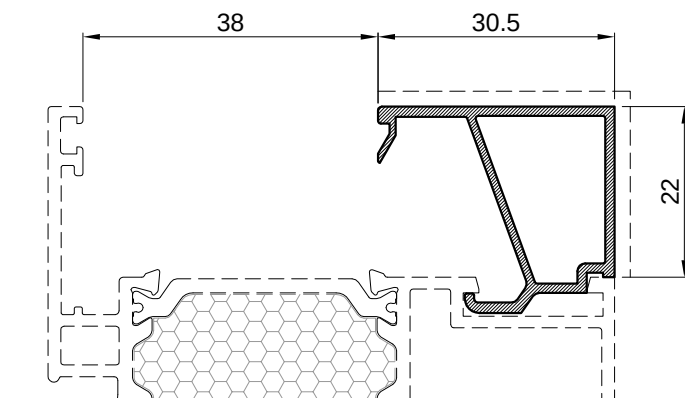
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-666</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.289</b> |
| Opseg<br>Perimeter            | mm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



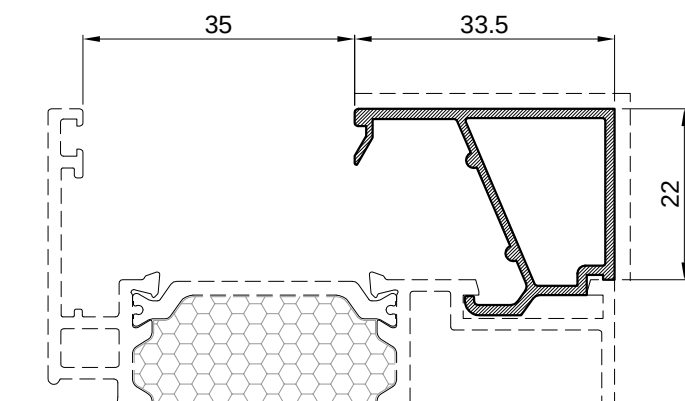
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-667</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.358</b> |
| Opseg<br>Perimeter            | mm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



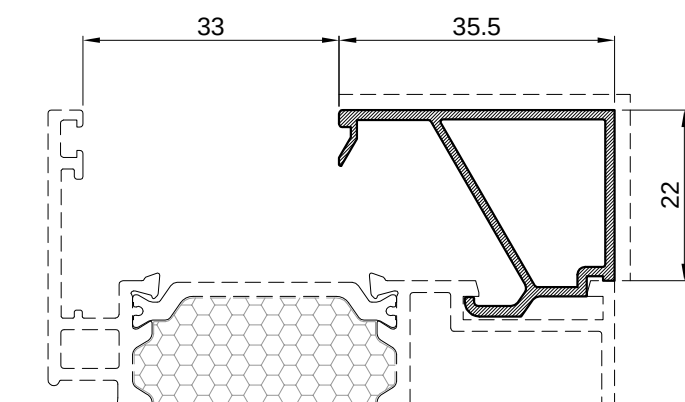
| Staklo lajsna<br>Glazing bead |               |              |
|-------------------------------|---------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>F-1575</b> |              |
| Težina<br>Weight              | kg/m'         | <b>0.327</b> |
| Opseg<br>Perimeter            | mm    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



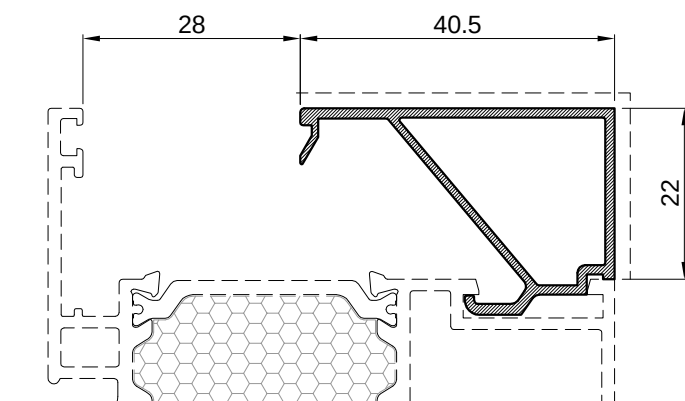
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-668</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.326</b> |
| Opseg<br>Perimeter            | mm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



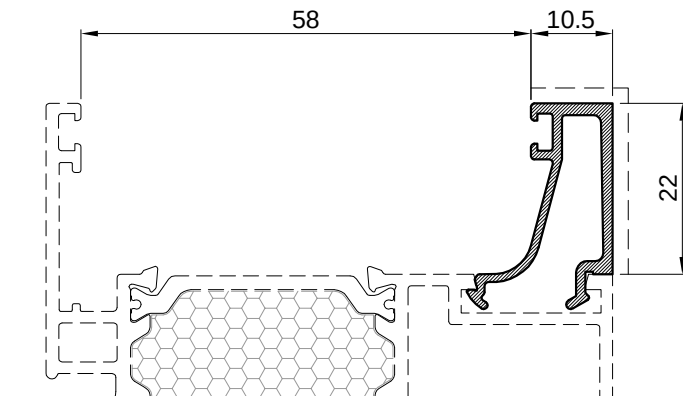
| Staklo lajsna<br>Glazing bead |               |               |
|-------------------------------|---------------|---------------|
| Art.Br.<br>Art.Nr.            | <b>F-1590</b> |               |
| Težina<br>Weight              | kg/m'         | <b>0.346</b>  |
| Opseg<br>Perimeter            | mm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



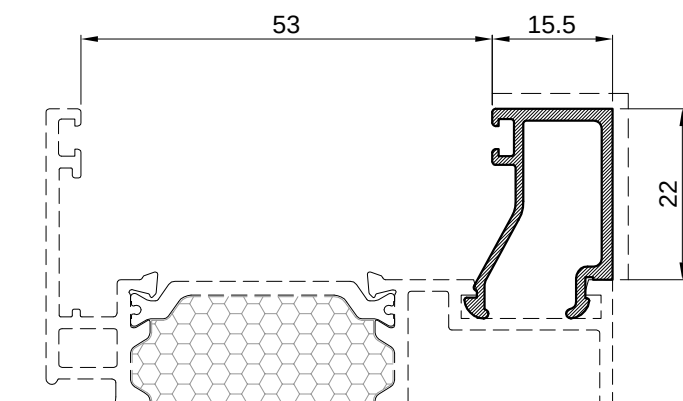
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-669</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.347</b> |
| Opseg<br>Perimeter            | mm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



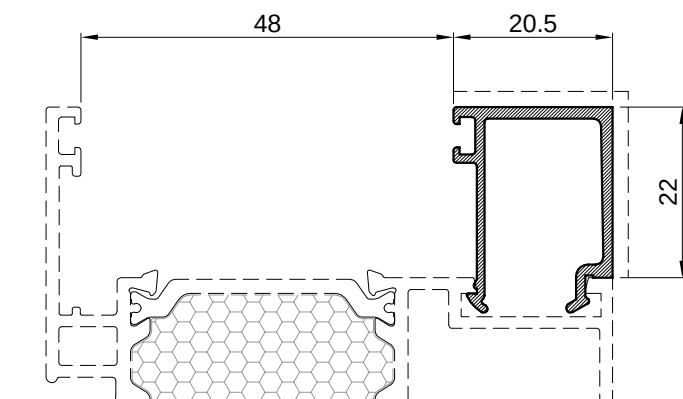
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-670</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.373</b> |
| Opseg<br>Perimeter            | mm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



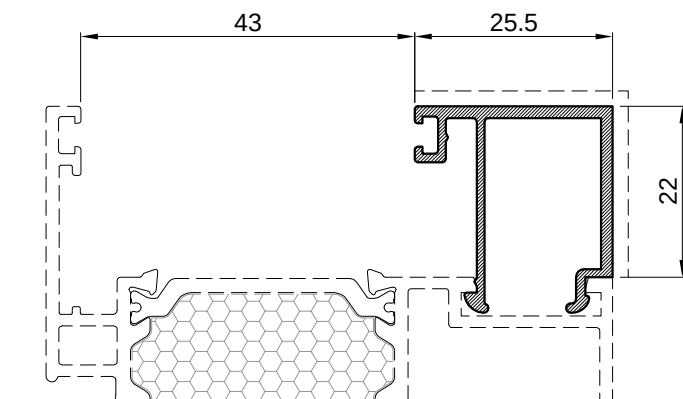
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-636</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.261</b> |
| Opseg<br>Perimeter            | mm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



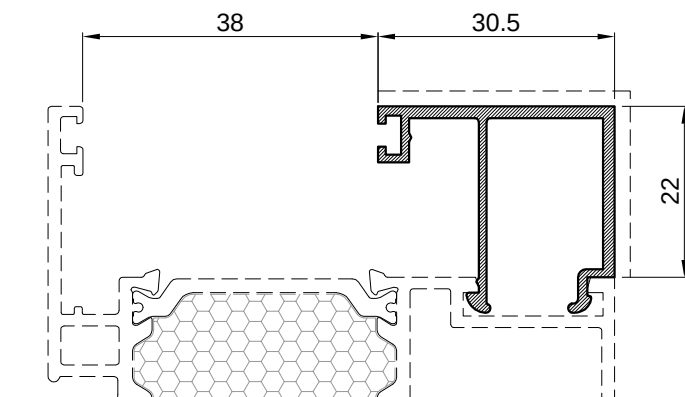
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>M45-709</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.270</b> |
| Opseg<br>Perimeter            | mm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



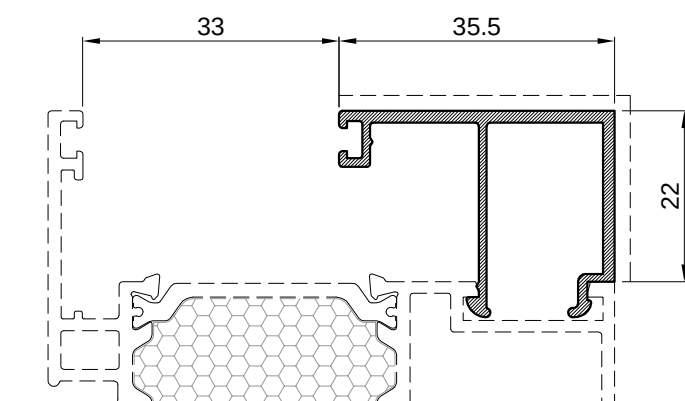
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-644</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.275</b> |
| Opseg<br>Perimeter            | mm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



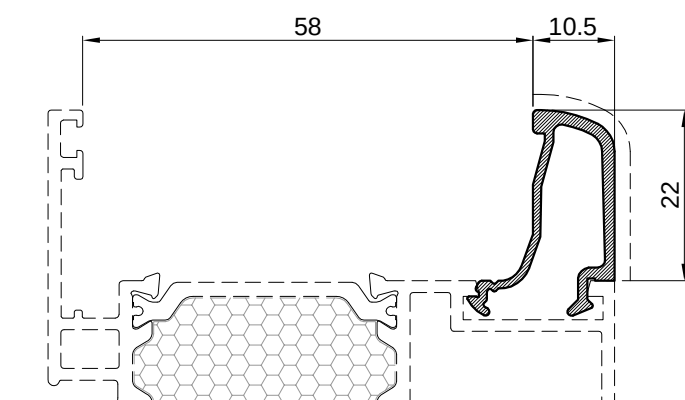
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-658</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.318</b> |
| Opseg<br>Perimeter            | mm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



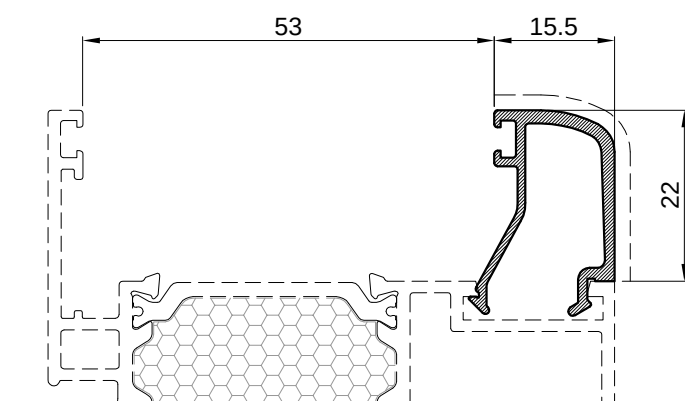
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-653</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.348</b> |
| Opseg<br>Perimeter            | mm             | <b>201</b>   |
| L                             | mm             | <b>6500</b>  |



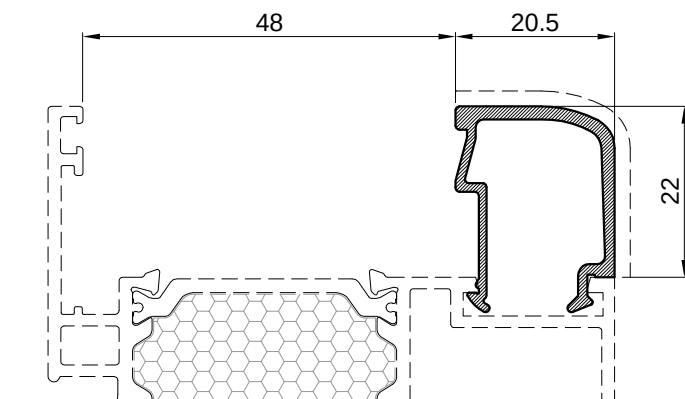
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-659</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.359</b> |
| Opseg<br>Perimeter            | mm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



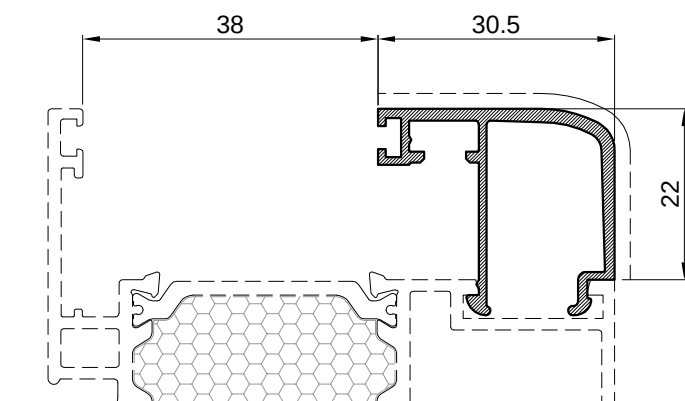
| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-647</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.226</b> |
| Opseg<br>Perimeter            | mm             | <b>138</b>   |
| L                             | mm             | <b>6500</b>  |



| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>M45-740</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.258</b> |
| Opseg<br>Perimeter            | mm             | <b>148</b>   |
| L                             | mm             | <b>6500</b>  |



| Staklo lajsna<br>Glazing bead |                |              |
|-------------------------------|----------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-646</b> |              |
| Težina<br>Weight              | kg/m'          | <b>0.286</b> |
| Opseg<br>Perimeter            | mm             | <b>154</b>   |
| L                             | mm             | <b>6500</b>  |



| Staklo lajsna<br>Glazing bead |                  |              |
|-------------------------------|------------------|--------------|
| Art.Br.<br>Art.Nr.            | <b>Z40-653/B</b> |              |
| Težina<br>Weight              | kg/m'            | <b>0.356</b> |
| Opseg<br>Perimeter            | mm               | <b>197</b>   |
| L                             | mm               | <b>6500</b>  |

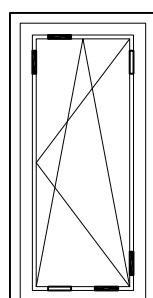
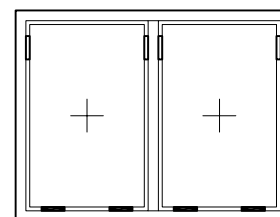
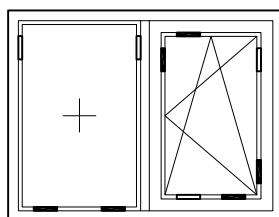
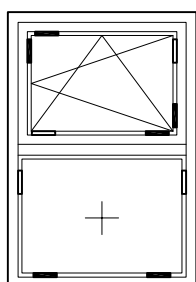
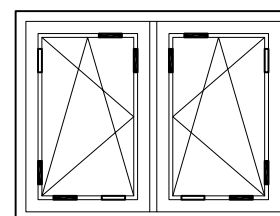
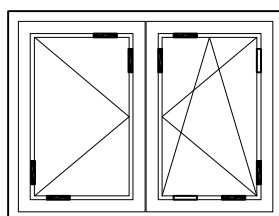
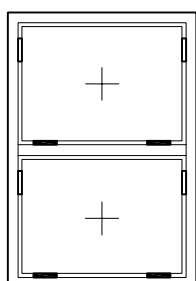
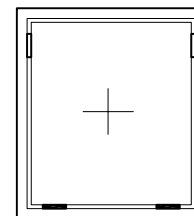
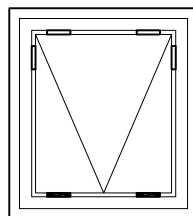
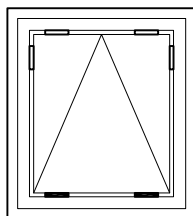
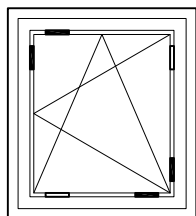




# Prikaz stakljenja Glazing

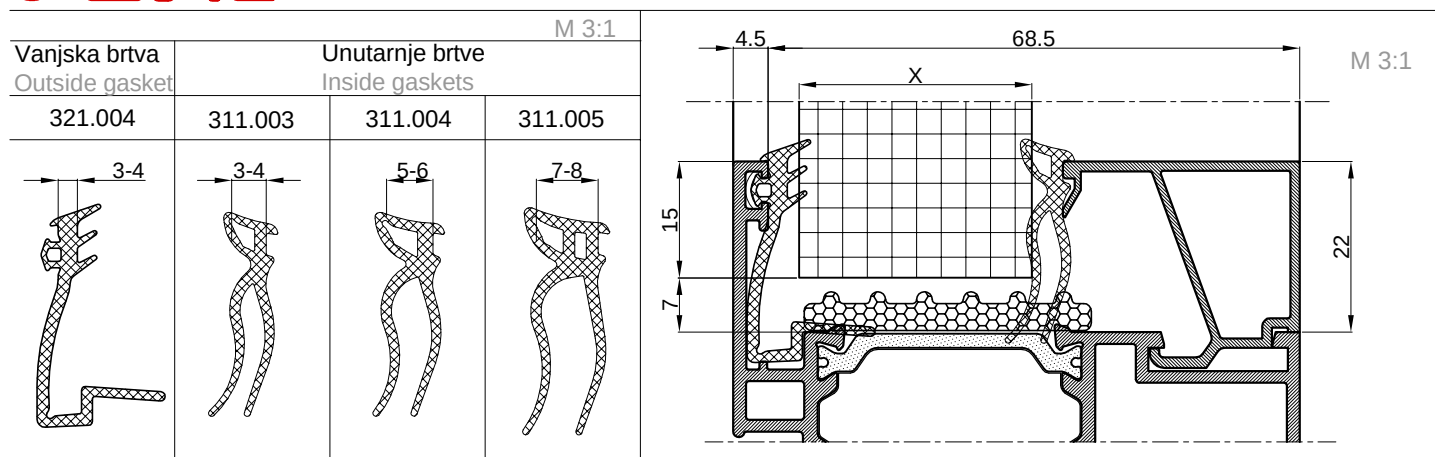


### PREPORUKE ZA RASPORED PODMETAČA KOD UGRADNJE ELEMENATA ZA ISPUNU RECOMMENDATION FOR PACKERS PLACEMENT BY INSTALLATION OF FILLINGS



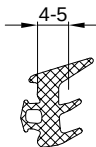
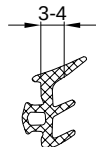
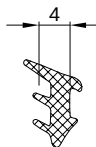
-  nosivi podmetač  
support packer
-  odstojni podmetač  
distance packer

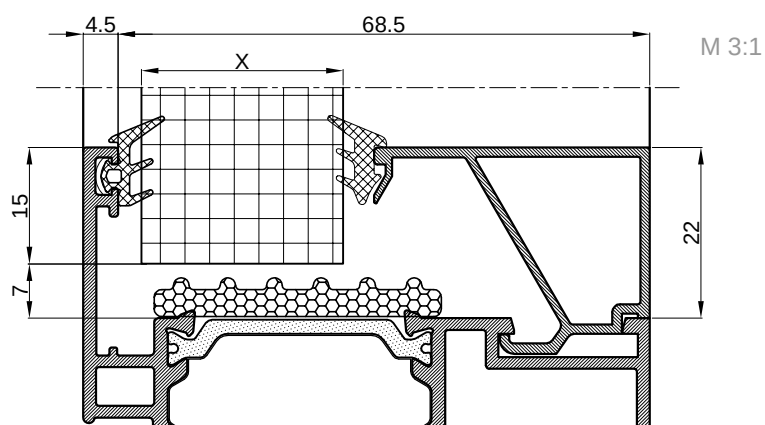
Materijal podmetača: PVC  
Material packers: PVC

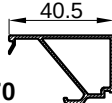
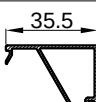
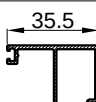
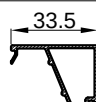
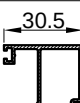
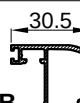
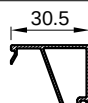
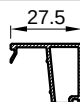
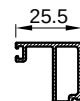
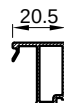
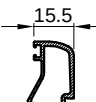
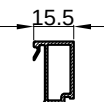
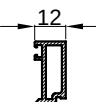
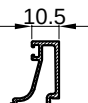
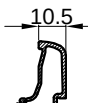
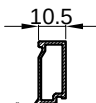
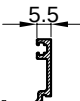
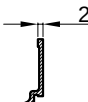


| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | STAKLO LAJSNE<br>GLAZING BEAD |           |         |
|------------------------|----------------------------------|------------------------------------|-------------------------------|-----------|---------|
| 16-17                  | 321.004                          | 311.005                            |                               |           |         |
| 18-19                  | 321.004                          | 311.004                            |                               |           |         |
| 20                     | 321.004                          | 311.003                            |                               |           | Z40-670 |
| 21-22                  | 321.004                          | 311.005                            |                               |           |         |
| 23-24                  | 321.004                          | 311.004                            |                               |           |         |
| 25                     | 321.004                          | 311.003                            | Z40-659                       |           | Z40-669 |
| 23-24                  | 321.004                          | 311.005                            |                               |           |         |
| 25-26                  | 321.004                          | 311.004                            |                               |           |         |
| 27                     | 321.004                          | 311.003                            |                               |           | F-1590  |
| 26-27                  | 321.004                          | 311.005                            |                               |           |         |
| 28-29                  | 321.004                          | 311.004                            |                               |           |         |
| 30                     | 321.004                          | 311.003                            | Z40-653                       | Z40-653/B | Z40-668 |
| 29-30                  | 321.004                          | 311.005                            |                               |           |         |
| 31-32                  | 321.004                          | 311.004                            |                               |           | F-1575  |
| 33                     | 321.004                          | 311.003                            |                               |           |         |
| 31-32                  | 321.004                          | 311.005                            |                               |           |         |
| 33-34                  | 321.004                          | 311.004                            |                               |           |         |
| 35                     | 321.004                          | 311.003                            | Z40-658                       |           | Z40-667 |
| 36-37                  | 321.004                          | 311.005                            |                               |           |         |
| 38-39                  | 321.004                          | 311.004                            |                               |           |         |
| 40                     | 321.004                          | 311.003                            | Z40-644                       | Z40-646   | Z40-666 |
| 41-42                  | 321.004                          | 311.005                            |                               |           |         |
| 43-44                  | 321.004                          | 311.004                            |                               |           |         |
| 45                     | 321.004                          | 311.003                            | M45-709                       | M45-740   | Z40-665 |
| 45-46                  | 321.004                          | 311.005                            |                               |           |         |
| 47-48                  | 321.004                          | 311.004                            |                               |           |         |
| 49                     | 321.004                          | 311.003                            | Z40-636                       |           | F-0784  |
| 46-47                  | 321.004                          | 311.005                            |                               |           |         |
| 48-49                  | 321.004                          | 311.004                            |                               |           |         |
| 50                     | 321.004                          | 311.003                            | Z40-636                       | Z40-647   | Z40-664 |
| 51-52                  | 321.004                          | 311.005                            |                               |           |         |
| 53-54                  | 321.004                          | 311.004                            |                               |           |         |
| 55                     | 321.004                          | 311.003                            | Z40-656                       |           |         |
| 55-56                  | 321.004                          | 311.005                            |                               |           |         |
| 57-58                  | 321.004                          | 311.004                            |                               |           |         |
| 59                     | 321.004                          | 311.003                            | Z40-660                       |           |         |

M 3:1

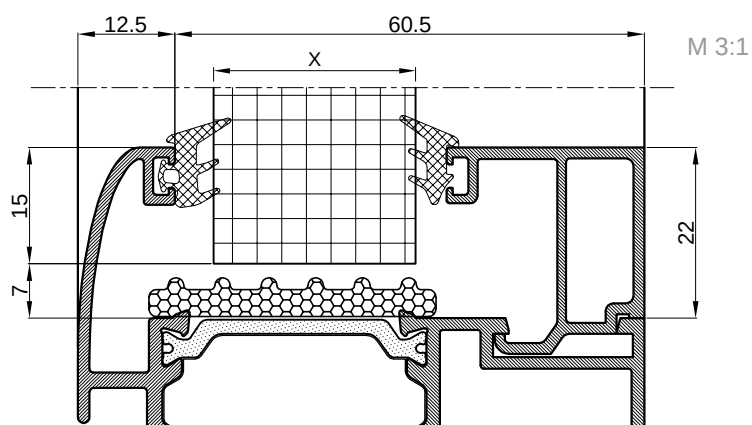
| Vanjske brtve<br>Exterior gaskets                                                 |                                                                                   | Unutarnja brtva<br>Interior gasket                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 321.003<br>(Z113)                                                                 | 321.002<br>(Z111)                                                                 | 311.002<br>(918)                                                                  |
|  |  |  |



| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | STAKLO LAJSNE<br>GLAZING BEAD                                                       |                                                                                       |                                                                                       |
|------------------------|----------------------------------|------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 19-20                  | 321.003                          | 311.002                            |                                                                                     |                                                                                       |    |
| 20-21                  | 321.002                          | 311.002                            |                                                                                     |                                                                                       | <b>Z40-670</b>                                                                        |
| 24-25                  | 321.003                          | 311.002                            |                                                                                     |                                                                                       |    |
| 25-26                  | 321.002                          | 311.002                            |    |                                                                                       | <b>Z40-669</b>                                                                        |
| 26-27                  | 321.003                          | 311.002                            |                                                                                     |                                                                                       |   |
| 27-28                  | 321.002                          | 311.002                            |                                                                                     |                                                                                       | <b>F-1590</b>                                                                         |
| 29-30                  | 321.003                          | 311.002                            |  |  |  |
| 30-31                  | 321.002                          | 311.002                            | <b>Z40-653</b>                                                                      | <b>Z40-653/B</b>                                                                      | <b>Z40-668</b>                                                                        |
| 32-33                  | 321.003                          | 311.002                            |                                                                                     |                                                                                       |  |
| 33-34                  | 321.002                          | 311.002                            |                                                                                     |                                                                                       | <b>F-1575</b>                                                                         |
| 34-35                  | 321.003                          | 311.002                            |  |                                                                                       |  |
| 35-36                  | 321.002                          | 311.002                            | <b>Z40-658</b>                                                                      |                                                                                       | <b>Z40-667</b>                                                                        |
| 39-40                  | 321.003                          | 311.002                            |  |  |  |
| 40-41                  | 321.002                          | 311.002                            | <b>Z40-644</b>                                                                      | <b>Z40-646</b>                                                                        | <b>Z40-666</b>                                                                        |
| 44-45                  | 321.003                          | 311.002                            |  |  |  |
| 45-46                  | 321.002                          | 311.002                            | <b>M45-709</b>                                                                      | <b>M45-740</b>                                                                        | <b>Z40-665</b>                                                                        |
| 48                     | 321.003                          | 311.002                            |                                                                                     |                                                                                       |  |
| 49                     | 321.002                          | 311.002                            |                                                                                     |                                                                                       | <b>F-0784</b>                                                                         |
| 49-50                  | 321.003                          | 311.002                            |  |  |  |
| 50-51                  | 321.002                          | 311.002                            | <b>Z40-636</b>                                                                      | <b>Z40-647</b>                                                                        | <b>Z40-664</b>                                                                        |
| 54-55                  | 321.003                          | 311.002                            |  |                                                                                       |                                                                                       |
| 55-56                  | 321.002                          | 311.002                            | <b>Z40-656</b>                                                                      |                                                                                       |                                                                                       |
| 58                     | 321.003                          | 311.002                            |  |                                                                                       |                                                                                       |
| 59                     | 321.002                          | 311.002                            | <b>Z40-660</b>                                                                      |                                                                                       |                                                                                       |

M 3:1

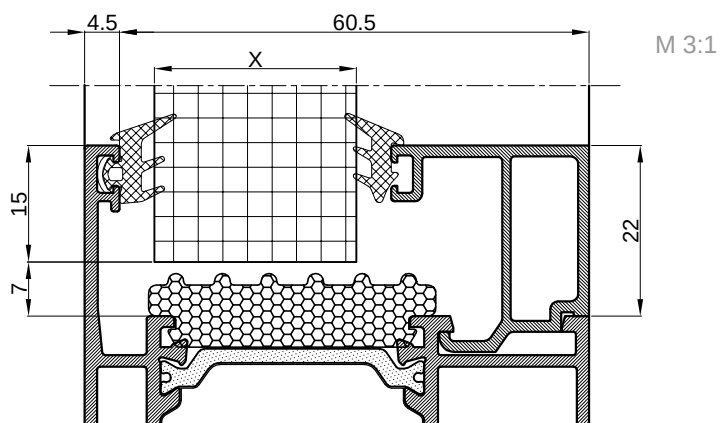
| Vanjske brtve<br>Exterior gaskets |                   | Unutarnja brtva<br>Interior gasket |
|-----------------------------------|-------------------|------------------------------------|
| 321.003<br>(Z113)                 | 321.002<br>(Z111) | 311.002<br>(918)                   |
|                                   |                   |                                    |



| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | STAKLO LAJSNE<br>GLAZING BEAD |  |  |
|------------------------|----------------------------------|------------------------------------|-------------------------------|--|--|
| 11-12                  | 321.003                          | 311.002                            |                               |  |  |
| 12-13                  | 321.002                          | 311.002                            |                               |  |  |
| 16-17                  | 321.003                          | 311.002                            |                               |  |  |
| 17-18                  | 321.002                          | 311.002                            |                               |  |  |
| 18-19                  | 321.003                          | 311.002                            |                               |  |  |
| 19-20                  | 321.002                          | 311.002                            |                               |  |  |
| 21-22                  | 321.003                          | 311.002                            |                               |  |  |
| 22-23                  | 321.002                          | 311.002                            |                               |  |  |
| 24-25                  | 321.003                          | 311.002                            |                               |  |  |
| 25-26                  | 321.002                          | 311.002                            |                               |  |  |
| 26-27                  | 321.003                          | 311.002                            |                               |  |  |
| 27-28                  | 321.002                          | 311.002                            |                               |  |  |
| 31-32                  | 321.003                          | 311.002                            |                               |  |  |
| 32-33                  | 321.002                          | 311.002                            |                               |  |  |
| 36-37                  | 321.003                          | 311.002                            |                               |  |  |
| 37-38                  | 321.002                          | 311.002                            |                               |  |  |
| 40                     | 321.003                          | 311.002                            |                               |  |  |
| 41                     | 321.002                          | 311.002                            |                               |  |  |
| 41-42                  | 321.003                          | 311.002                            |                               |  |  |
| 42-43                  | 321.002                          | 311.002                            |                               |  |  |
| 46-47                  | 321.003                          | 311.002                            |                               |  |  |
| 47-48                  | 321.002                          | 311.002                            |                               |  |  |
| 50                     | 321.003                          | 311.002                            |                               |  |  |
| 51                     | 321.002                          | 311.002                            |                               |  |  |

| M 3:1                            |                                   |                                    | M 3:1                         |  |  |
|----------------------------------|-----------------------------------|------------------------------------|-------------------------------|--|--|
| Vanjska brtva<br>Exterior gasket | Unutarnje brtve<br>Inside gaskets |                                    |                               |  |  |
| 321.003<br>(Z113)                | 311.003                           | 311.004                            |                               |  |  |
|                                  |                                   |                                    |                               |  |  |
| Ispuna X<br>Fillings X           | Vanjska brtva<br>Exterior gasket  | Unutarnja brtva<br>Interior gasket | STAKLO LAJSNE<br>GLAZING BEAD |  |  |
| 9-10                             | 321.003                           | 311.004                            |                               |  |  |
| 11-12                            | 321.003                           | 311.003                            |                               |  |  |
| 14-15                            | 321.003                           | 311.004                            |                               |  |  |
| 16-17                            | 321.003                           | 311.003                            |                               |  |  |
| 16-17                            | 321.003                           | 311.004                            |                               |  |  |
| 18-19                            | 321.003                           | 311.003                            |                               |  |  |
| 19-20                            | 321.003                           | 311.004                            |                               |  |  |
| 21-22                            | 321.003                           | 311.003                            |                               |  |  |
| 22-23                            | 321.003                           | 311.004                            |                               |  |  |
| 24-25                            | 321.003                           | 311.003                            |                               |  |  |
| 24-25                            | 321.003                           | 311.004                            |                               |  |  |
| 26-27                            | 321.003                           | 311.003                            |                               |  |  |
| 29-30                            | 321.003                           | 311.004                            |                               |  |  |
| 31-32                            | 321.003                           | 311.003                            |                               |  |  |
| 34-35                            | 321.003                           | 311.004                            |                               |  |  |
| 36-37                            | 321.003                           | 311.003                            |                               |  |  |
| 38-39                            | 321.003                           | 311.004                            |                               |  |  |
| 40-41                            | 321.003                           | 311.003                            |                               |  |  |
| 39-40                            | 321.003                           | 311.004                            |                               |  |  |
| 41-42                            | 321.003                           | 311.003                            |                               |  |  |
| 44-45                            | 321.003                           | 311.004                            |                               |  |  |
| 46-47                            | 321.003                           | 311.003                            |                               |  |  |
| 48-49                            | 321.003                           | 311.004                            |                               |  |  |
| 50-51                            | 321.003                           | 311.003                            |                               |  |  |

M 3:1

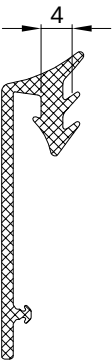
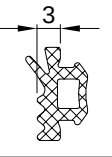
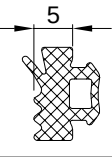
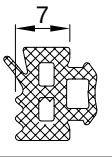
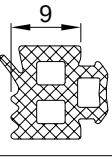
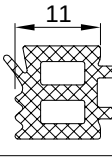
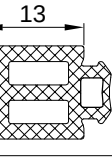


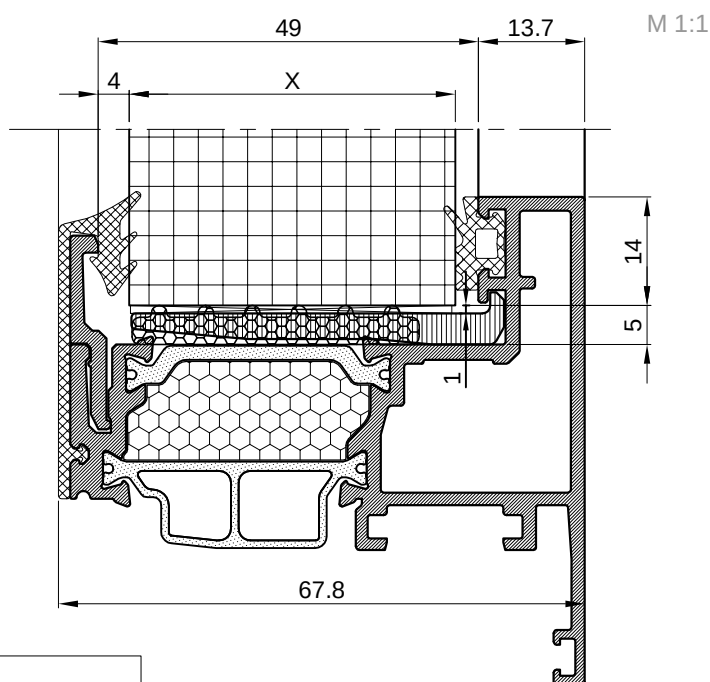
| Vanjske brtve<br>Exterior gaskets |                   | Unutarnja brtva<br>Interior gasket |
|-----------------------------------|-------------------|------------------------------------|
| 321.003<br>(Z113)                 | 321.002<br>(Z111) | 311.002<br>(918)                   |
|                                   |                   |                                    |

| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | STAKLO LAJSNE<br>GLAZING BEAD |  |  |
|------------------------|----------------------------------|------------------------------------|-------------------------------|--|--|
| 11-12                  | 321.003                          | 311.002                            |                               |  |  |
| 12-13                  | 321.002                          | 311.002                            |                               |  |  |
| 16-17                  | 321.003                          | 311.002                            |                               |  |  |
| 17-18                  | 321.002                          | 311.002                            |                               |  |  |
| 18-19                  | 321.003                          | 311.002                            |                               |  |  |
| 19-20                  | 321.002                          | 311.002                            |                               |  |  |
| 21-22                  | 321.003                          | 311.002                            |                               |  |  |
| 22-23                  | 321.002                          | 311.002                            |                               |  |  |
| 24-25                  | 321.003                          | 311.002                            |                               |  |  |
| 25-26                  | 321.002                          | 311.002                            |                               |  |  |
| 26-27                  | 321.003                          | 311.002                            |                               |  |  |
| 27-28                  | 321.002                          | 311.002                            |                               |  |  |
| 31-32                  | 321.003                          | 311.002                            |                               |  |  |
| 32-33                  | 321.002                          | 311.002                            |                               |  |  |
| 36-37                  | 321.003                          | 311.002                            |                               |  |  |
| 37-38                  | 321.002                          | 311.002                            |                               |  |  |
| 40                     | 321.003                          | 311.002                            |                               |  |  |
| 41                     | 321.002                          | 311.002                            |                               |  |  |
| 41-42                  | 321.003                          | 311.002                            |                               |  |  |
| 42-43                  | 321.002                          | 311.002                            |                               |  |  |
| 46-47                  | 321.003                          | 311.002                            |                               |  |  |
| 47-48                  | 321.002                          | 311.002                            |                               |  |  |
| 50                     | 321.003                          | 311.002                            |                               |  |  |
| 51                     | 321.002                          | 311.002                            |                               |  |  |

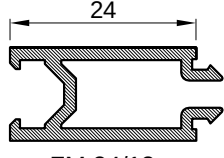
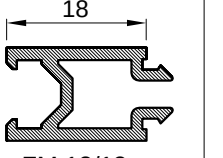
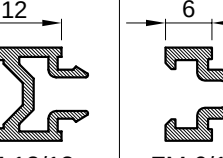


M 1:1

| Vanjska brtva<br>Exterior gasket                                                  | Unutarnje brtve<br>Interior gaskets                                               |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 321.008                                                                           | 351.011                                                                           | 351.013                                                                           | 351.014                                                                           |
|  |  |  |  |
|                                                                                   | 351.015                                                                           | 351.016                                                                           | 351.017                                                                           |
|                                                                                   |  |  |  |



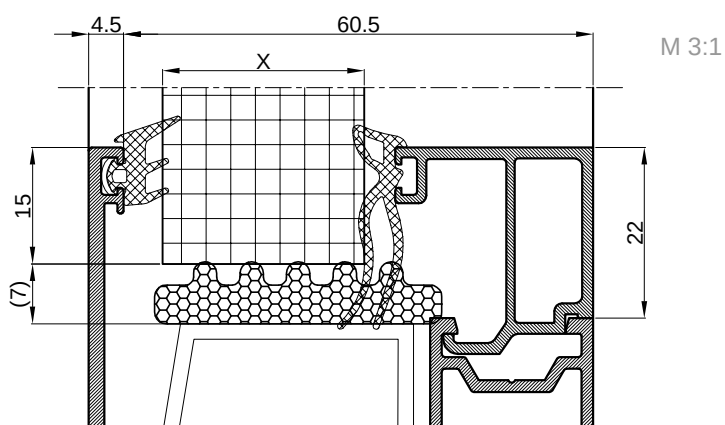
Al. umetak Al. insert

|                                                                                    |                                                                                    |                                                                                    |                                                                                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| FM 24/12                                                                           | FM 18/12                                                                           | FM 12/12                                                                           | FM 6/12                                                                             |

| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | Al. umetak<br>Al. insert |
|------------------------|----------------------------------|------------------------------------|--------------------------|
| 8                      | 321.008                          | 351.017                            | FM 24/12                 |
| 10                     | 321.008                          | 351.016                            | FM 24/12                 |
| 12                     | 321.008                          | 351.015                            | FM 24/12                 |
| 14                     | 321.008                          | 351.014                            | FM 24/12                 |
|                        |                                  | 351.017                            | FM 18/12                 |
| 16                     | 321.008                          | 351.013                            | FM 24/12                 |
|                        |                                  | 351.016                            | FM 18/12                 |
| 18                     | 321.008                          | 351.011                            | FM 24/12                 |
|                        |                                  | 351.015                            | FM 18/12                 |
| 20                     | 321.008                          | 351.014                            | FM 18/12                 |
|                        |                                  | 351.017                            | FM 12/12                 |
| 22                     | 321.008                          | 351.013                            | FM 18/12                 |
|                        |                                  | 351.016                            | FM 12/12                 |
| 24                     | 321.008                          | 351.011                            | FM 18/12                 |
|                        |                                  | 351.015                            | FM 12/12                 |

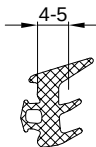
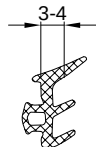
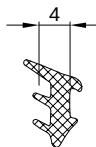
| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | Al. umetak<br>Al. insert |
|------------------------|----------------------------------|------------------------------------|--------------------------|
| 26                     | 321.008                          | 351.014                            | FM 12/12                 |
|                        |                                  | 351.017                            | FM 6/12                  |
| 28                     | 321.008                          | 351.013                            | FM 12/12                 |
|                        |                                  | 351.016                            | FM 6/12                  |
| 30                     | 321.008                          | 351.011                            | FM 12/12                 |
|                        |                                  | 351.015                            | FM 6/12                  |
| 32                     | 321.008                          | 351.014                            | FM 6/12                  |
|                        |                                  | 351.017                            |                          |
| 34                     | 321.008                          | 351.013                            | FM 6/12                  |
|                        |                                  | 351.016                            |                          |
| 36                     | 321.008                          | 351.011                            | FM 6/12                  |
|                        |                                  | 351.015                            |                          |
| 38                     | 321.008                          | 351.014                            |                          |
| 40                     | 321.008                          | 351.013                            |                          |
| 42                     | 321.008                          | 351.011                            |                          |

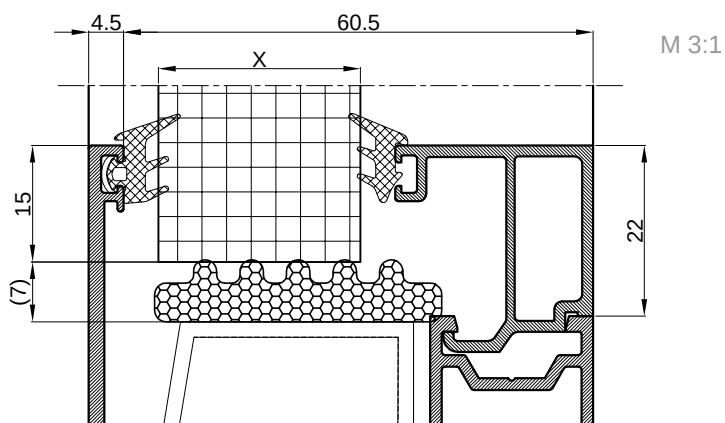
| M 3:1                            |                                   |         |
|----------------------------------|-----------------------------------|---------|
| Vanjska brtva<br>Exterior gasket | Unutarnje brtve<br>Inside gaskets |         |
| 321.003<br>(Z113)                | 311.003                           | 311.004 |
|                                  |                                   |         |

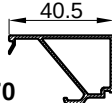
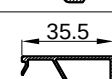
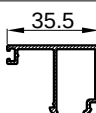
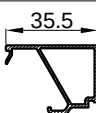
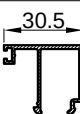
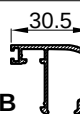
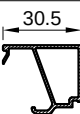
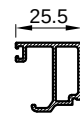
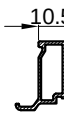


| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | STAKLO LAJSNE<br>GLAZING BEAD |  |  |
|------------------------|----------------------------------|------------------------------------|-------------------------------|--|--|
| 9-10                   | 321.003                          | 311.004                            |                               |  |  |
| 11-12                  | 321.003                          | 311.003                            |                               |  |  |
| 14-15                  | 321.003                          | 311.004                            |                               |  |  |
| 16-17                  | 321.003                          | 311.003                            |                               |  |  |
| 16-17                  | 321.003                          | 311.004                            |                               |  |  |
| 18-19                  | 321.003                          | 311.003                            |                               |  |  |
| 19-20                  | 321.003                          | 311.004                            |                               |  |  |
| 21-22                  | 321.003                          | 311.003                            |                               |  |  |
| 22-23                  | 321.003                          | 311.004                            |                               |  |  |
| 24-25                  | 321.003                          | 311.003                            |                               |  |  |
| 24-25                  | 321.003                          | 311.004                            |                               |  |  |
| 26-27                  | 321.003                          | 311.003                            |                               |  |  |
| 29-30                  | 321.003                          | 311.004                            |                               |  |  |
| 31-32                  | 321.003                          | 311.003                            |                               |  |  |
| 34-35                  | 321.003                          | 311.004                            |                               |  |  |
| 36-37                  | 321.003                          | 311.003                            |                               |  |  |
| 38-39                  | 321.003                          | 311.004                            |                               |  |  |
| 40-41                  | 321.003                          | 311.003                            |                               |  |  |
| 39-40                  | 321.003                          | 311.004                            |                               |  |  |
| 41-42                  | 321.003                          | 311.003                            |                               |  |  |
| 44-45                  | 321.003                          | 311.004                            |                               |  |  |
| 46-47                  | 321.003                          | 311.003                            |                               |  |  |
| 48-49                  | 321.003                          | 311.004                            |                               |  |  |
| 50-51                  | 321.003                          | 311.003                            |                               |  |  |

M 3:1

| Vanjske brtve<br>Exterior gaskets                                                 |                                                                                   | Unutarnja brtva<br>Interior gasket                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 321.003<br>(Z113)                                                                 | 321.002<br>(Z111)                                                                 | 311.002<br>(918)                                                                  |
|  |  |  |

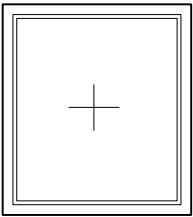
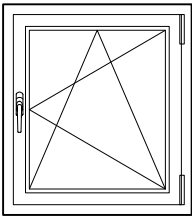
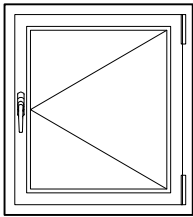
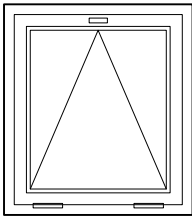
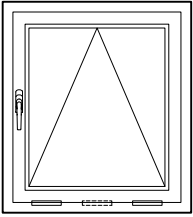
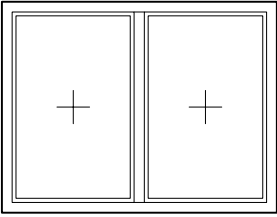
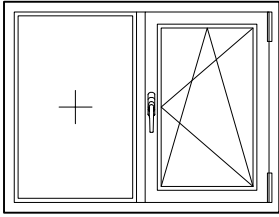
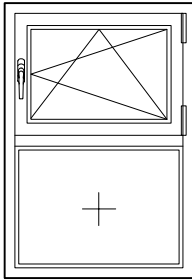
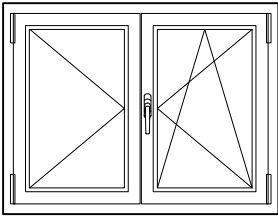
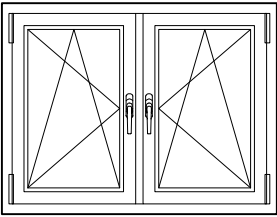
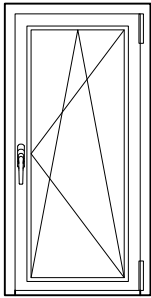
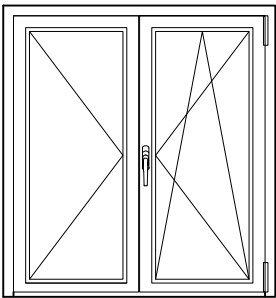


| Ispuna X<br>Fillings X | Vanjska brtva<br>Exterior gasket | Unutarnja brtva<br>Interior gasket | STAKLO LAJSNE<br>GLAZING BEAD                                                       |                                                                                       |                                                                                       |
|------------------------|----------------------------------|------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 11-12                  | 321.003                          | 311.002                            |                                                                                     |                                                                                       |    |
| 12-13                  | 321.002                          | 311.002                            |                                                                                     |                                                                                       |    |
| 16-17                  | 321.003                          | 311.002                            |    |                                                                                       |    |
| 17-18                  | 321.002                          | 311.002                            |    |                                                                                       |    |
| 18-19                  | 321.003                          | 311.002                            |                                                                                     |                                                                                       |   |
| 19-20                  | 321.002                          | 311.002                            |                                                                                     |                                                                                       |  |
| 21-22                  | 321.003                          | 311.002                            |  |  |  |
| 22-23                  | 321.002                          | 311.002                            |  |  |  |
| 24-25                  | 321.003                          | 311.002                            |                                                                                     |                                                                                       |  |
| 25-26                  | 321.002                          | 311.002                            |                                                                                     |                                                                                       |  |
| 26-27                  | 321.003                          | 311.002                            |  |                                                                                       |  |
| 27-28                  | 321.002                          | 311.002                            |  |                                                                                       |  |
| 31-32                  | 321.003                          | 311.002                            |  |  |  |
| 32-33                  | 321.002                          | 311.002                            |  |  |  |
| 36-37                  | 321.003                          | 311.002                            |  |  |  |
| 37-38                  | 321.002                          | 311.002                            |  |  |  |
| 40                     | 321.003                          | 311.002                            |                                                                                     |                                                                                       |  |
| 41                     | 321.002                          | 311.002                            |                                                                                     |                                                                                       |  |
| 41-42                  | 321.003                          | 311.002                            |  |  |  |
| 42-43                  | 321.002                          | 311.002                            |  |  |  |
| 46-47                  | 321.003                          | 311.002                            |  |                                                                                       |                                                                                       |
| 47-48                  | 321.002                          | 311.002                            |  |                                                                                       |                                                                                       |
| 50                     | 321.003                          | 311.002                            |  |                                                                                       |                                                                                       |
| 51                     | 321.002                          | 311.002                            |  |                                                                                       |                                                                                       |

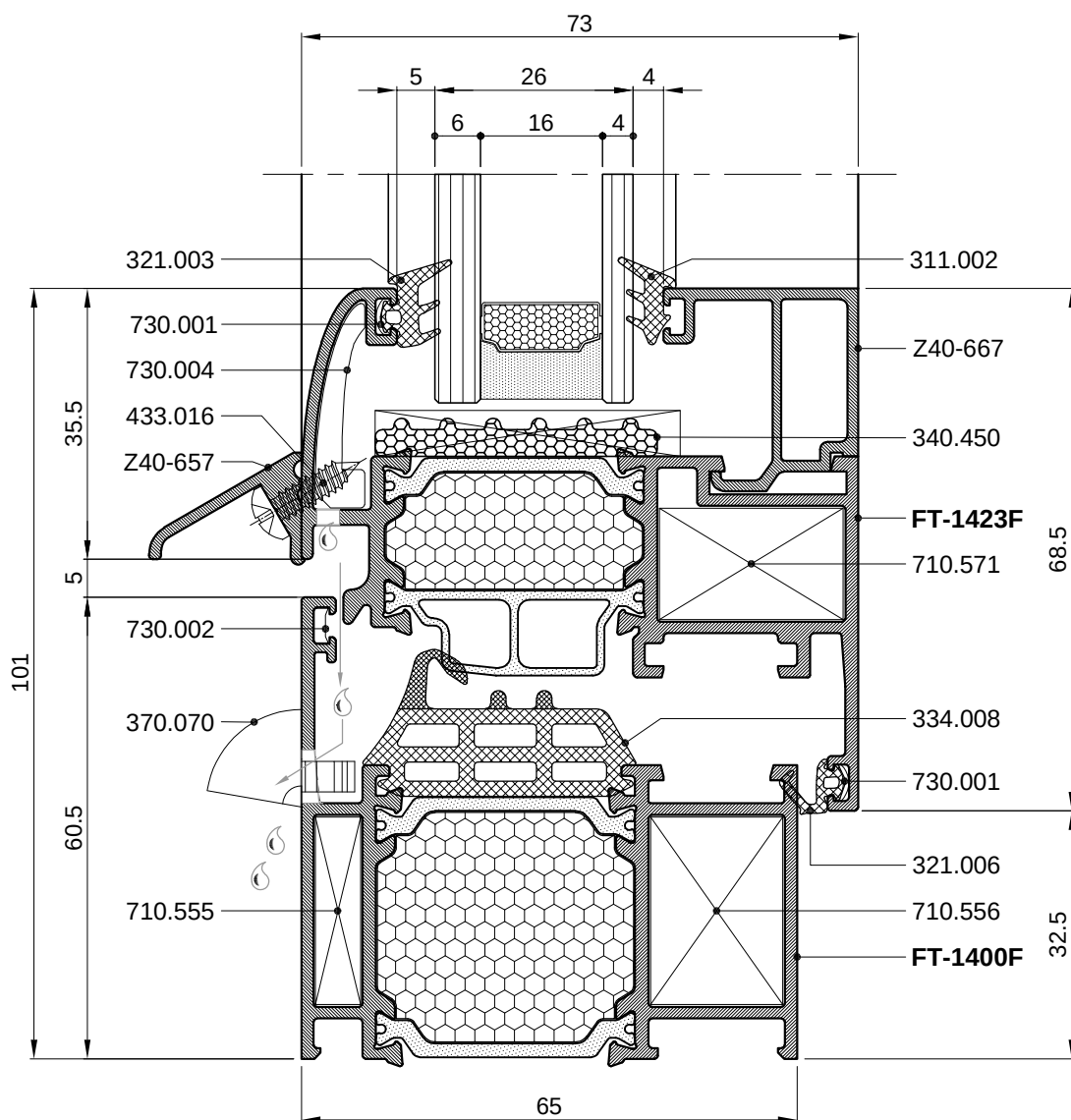
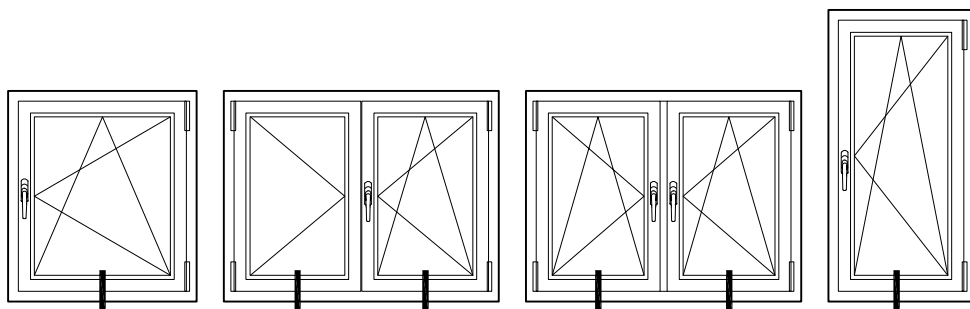


# Presjeci Cross sections



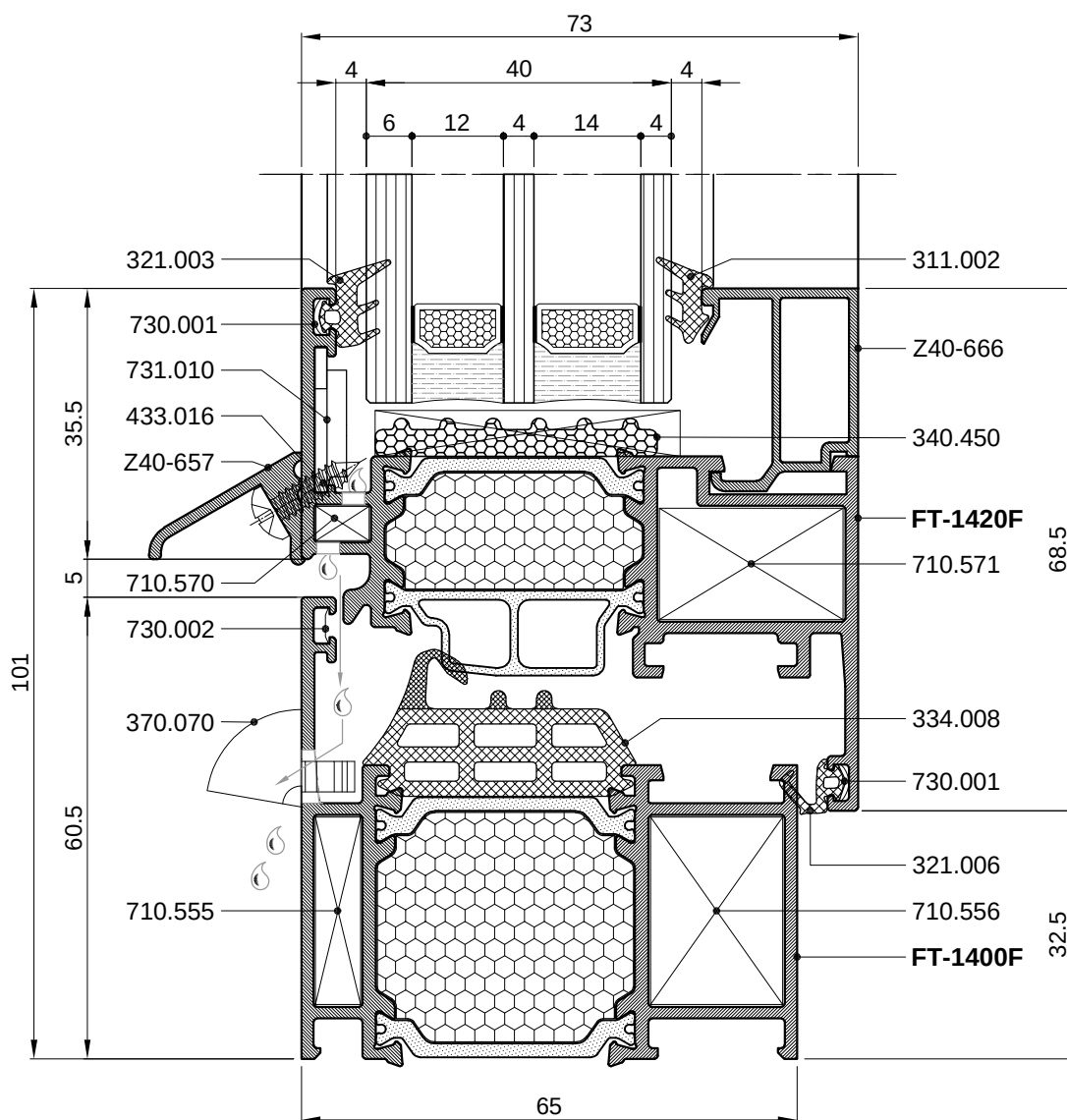
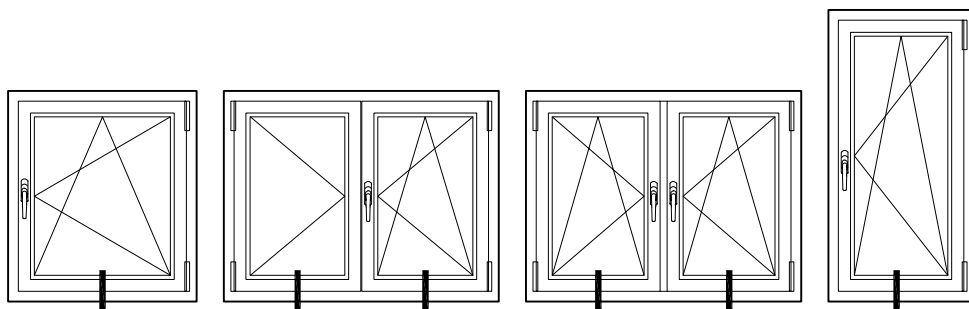
|                                                                                     |                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|    |    |   |   |
|    |    |   |   |
|  |  |  |  |
|                                                                                     |                                                                                     |                                                                                     |                                                                                      |
|                                                                                     |                                                                                     |                                                                                     |                                                                                      |

Izvedbe profila krila: vidljivo i skriveno krilo / Sash profile design: visible and hidden sash

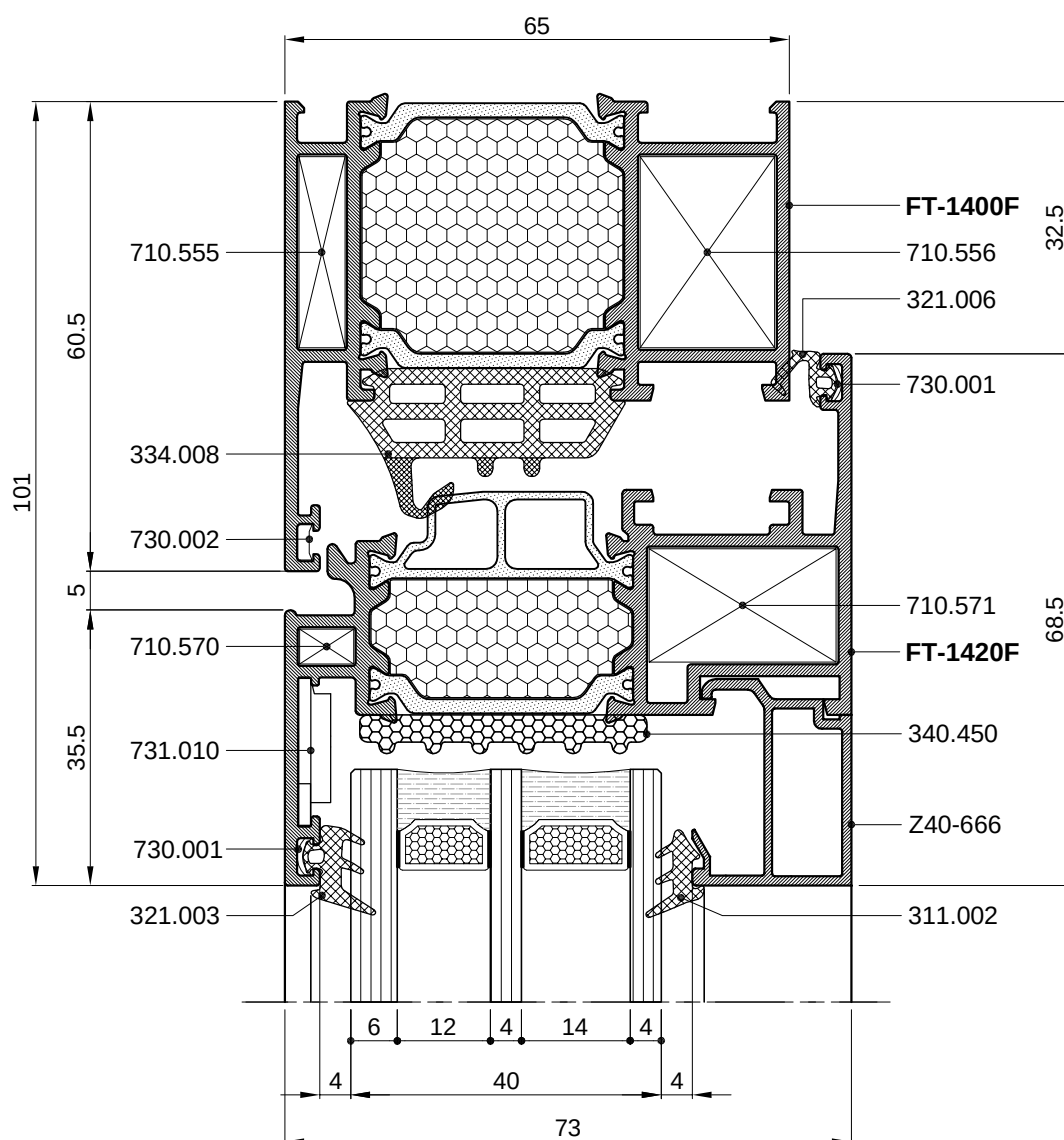
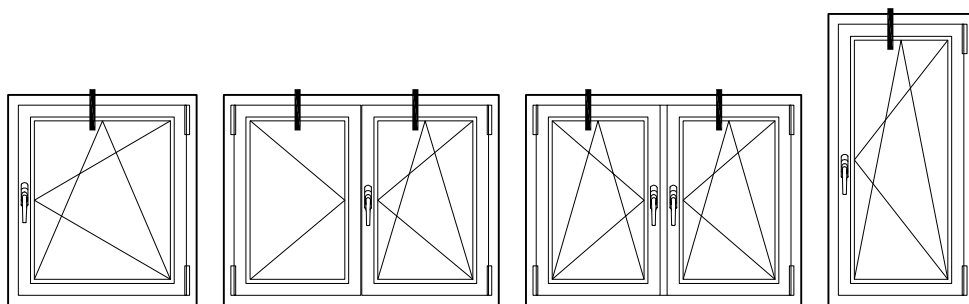


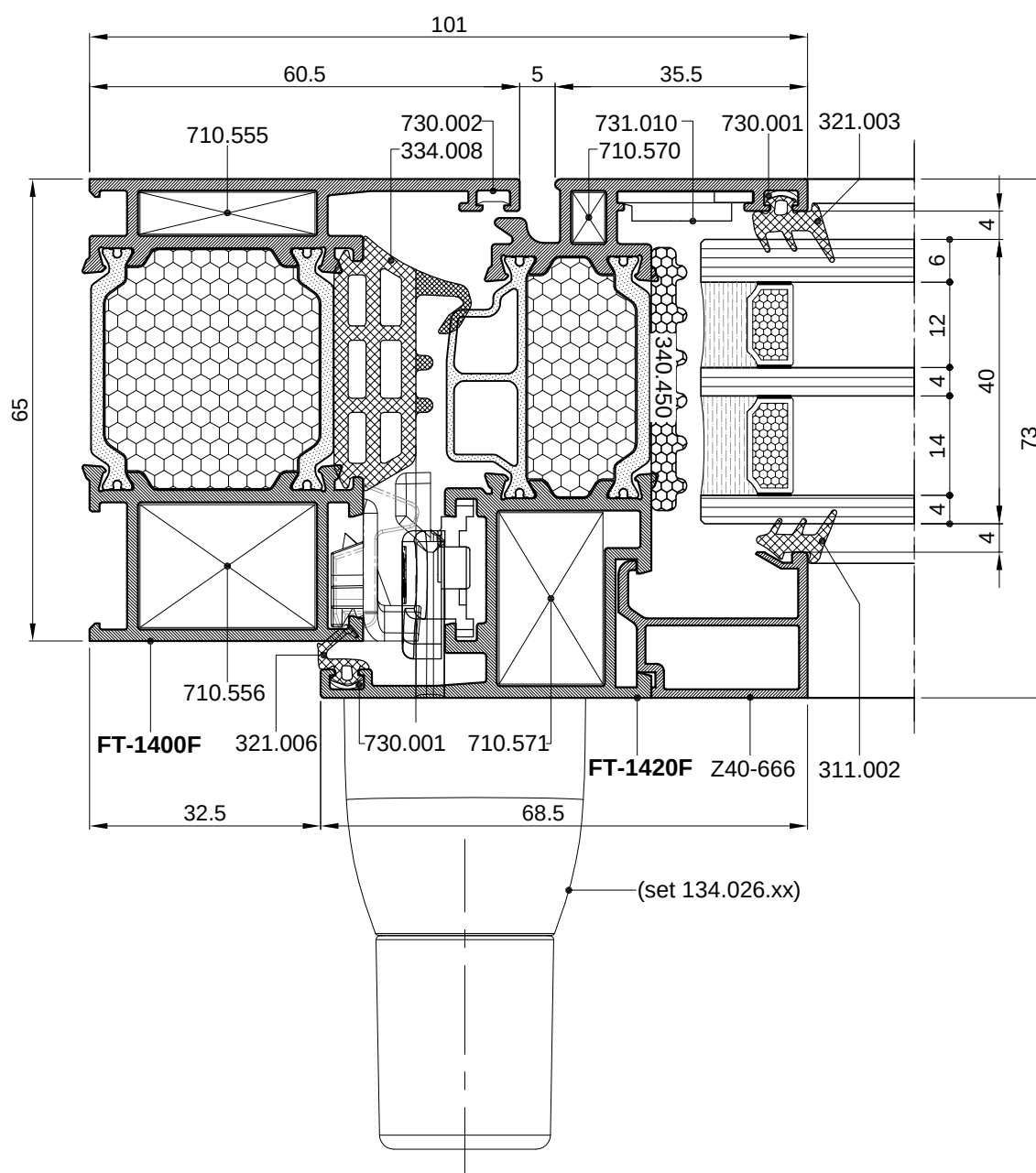
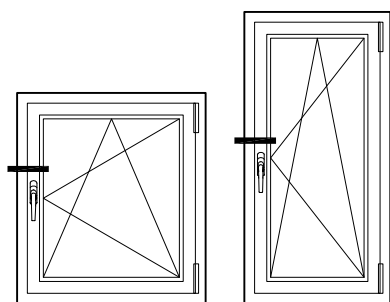
Izvedba profila krila: vidljivo krilo sa zaobljenim vanjskim linijama  
Sash profile design: visible sash with rounded outside lines

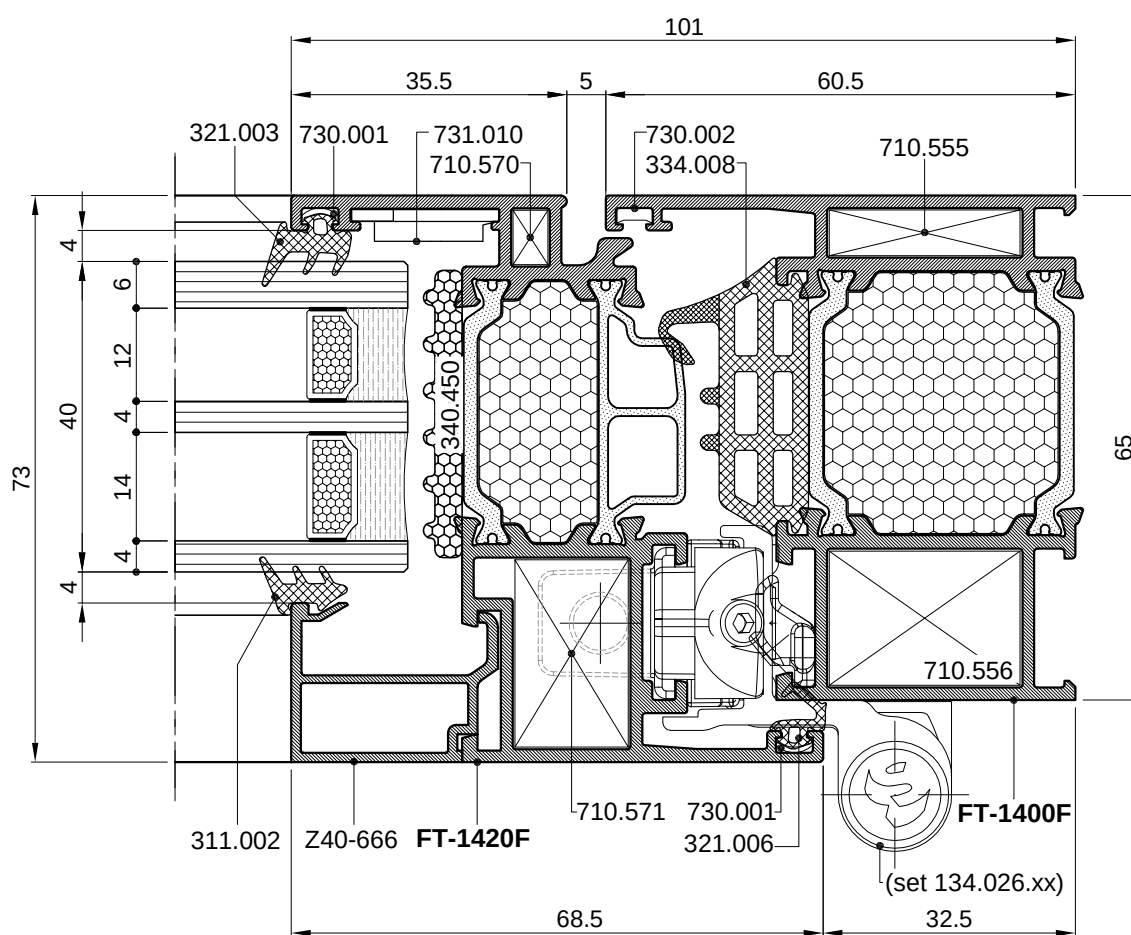
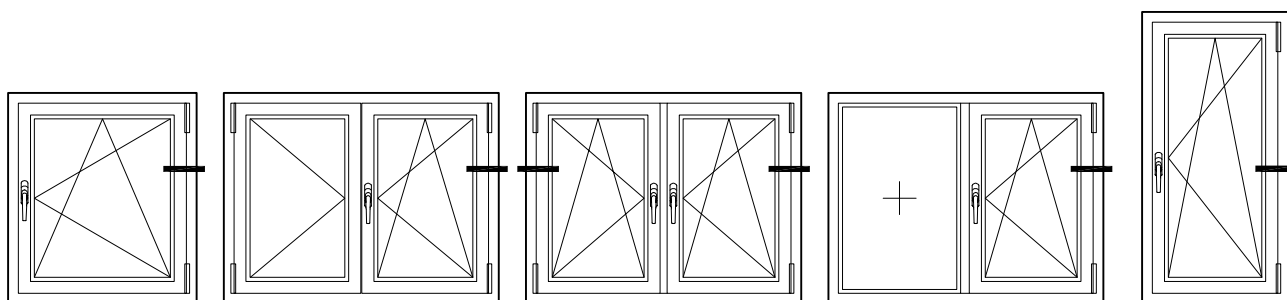


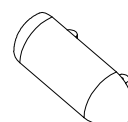
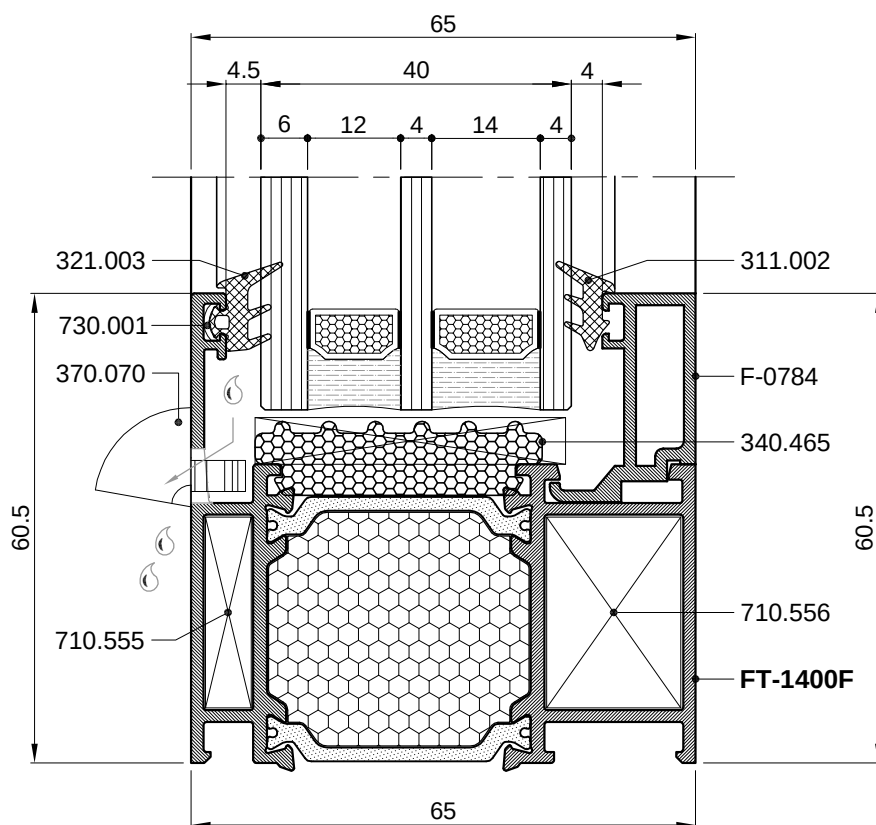
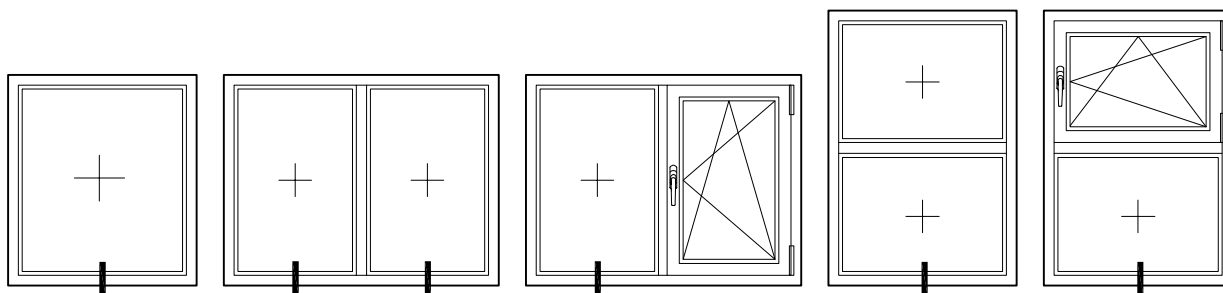


Izvedba profila krila: vidljivo krilo sa ravnim vanjskim linijama  
Sash profile design: visible sash with straight outside lines

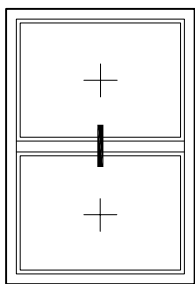




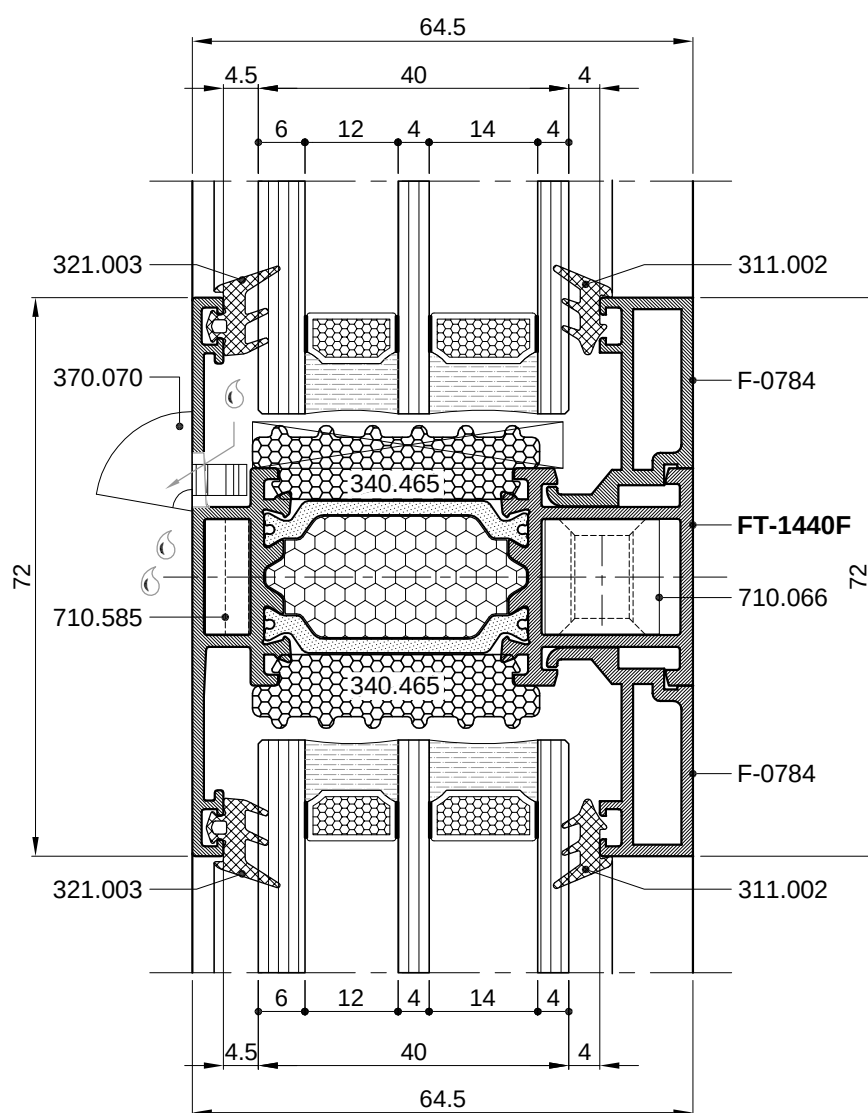


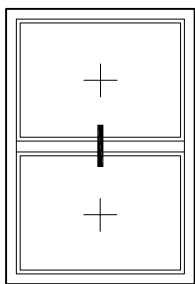


**370.070**  
Maska sa klapnom za  
drenazni otvor.  
Drainage slot mask  
with a flap.

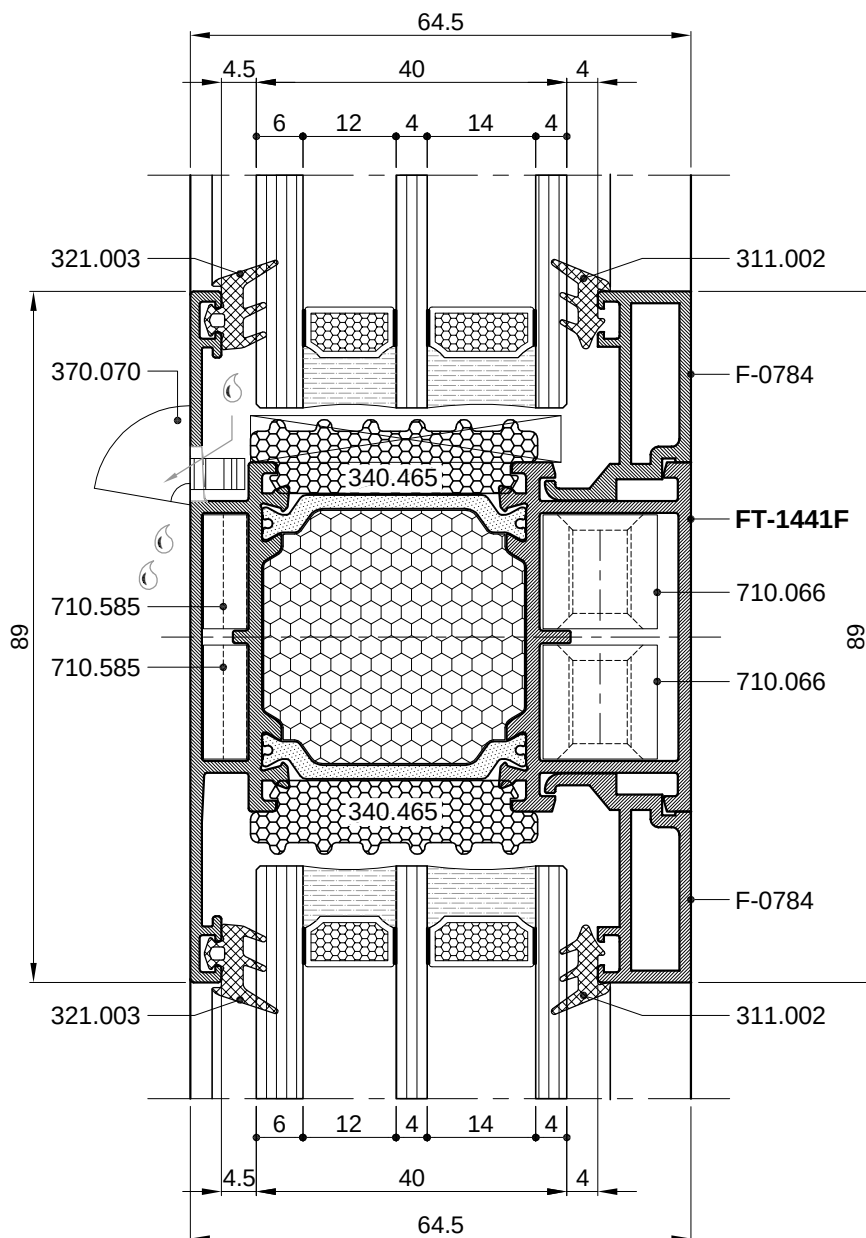


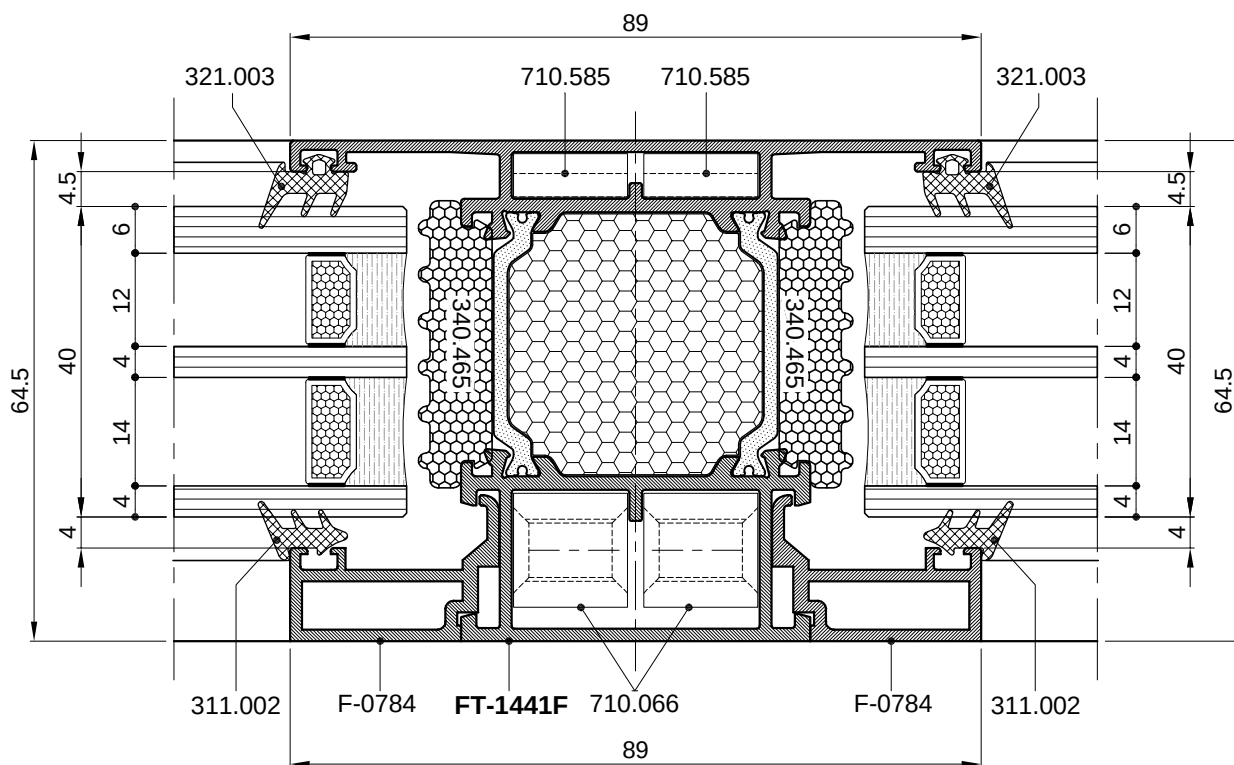
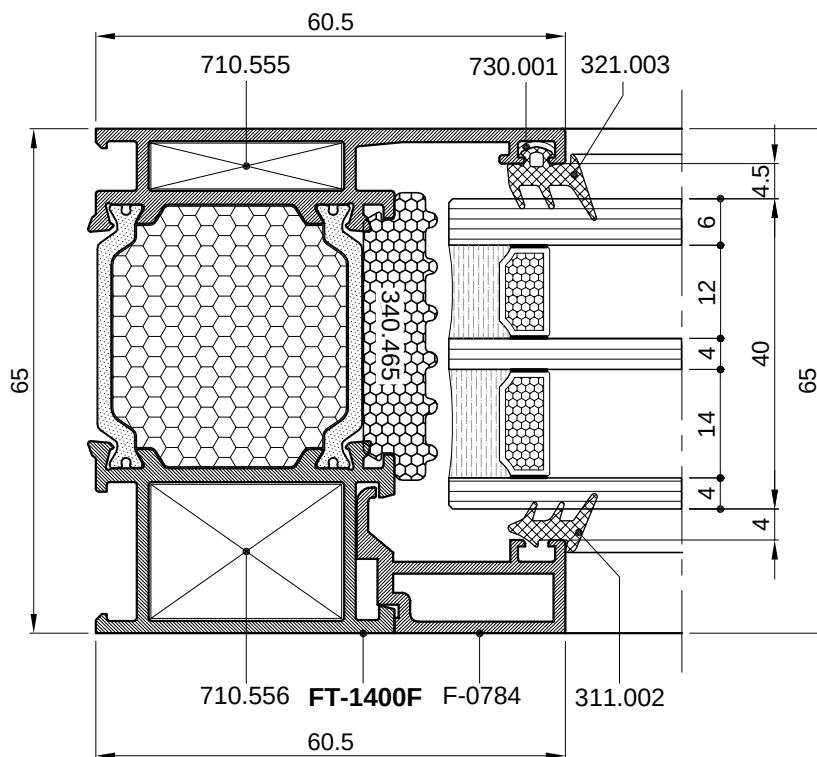
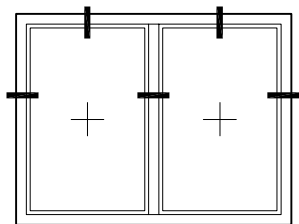
**FT-1440F**  
 Profil prečke 72mm  
 Crossbar profile 72mm



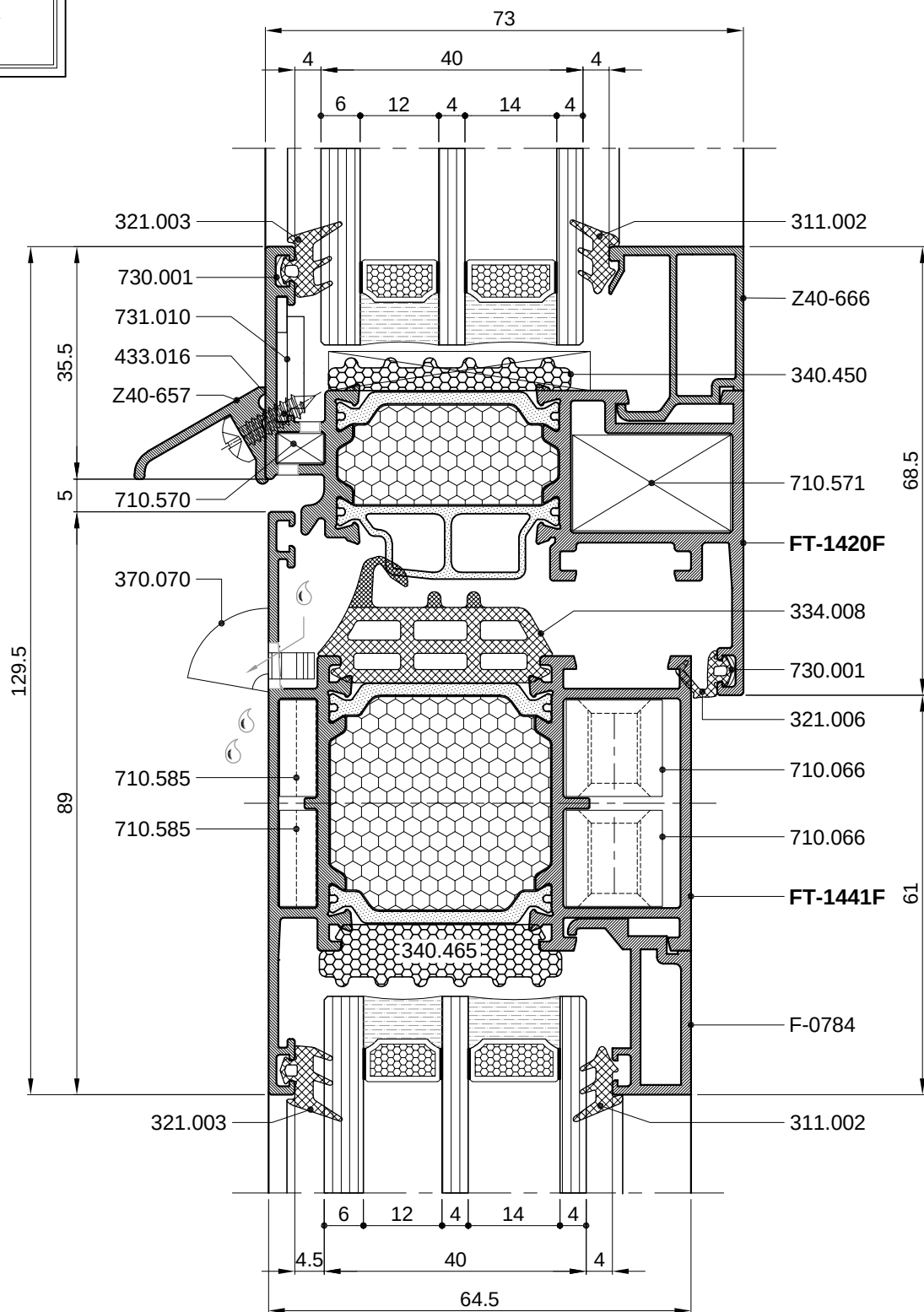
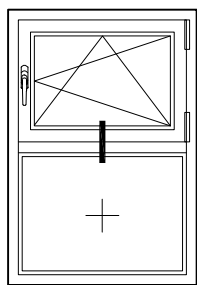


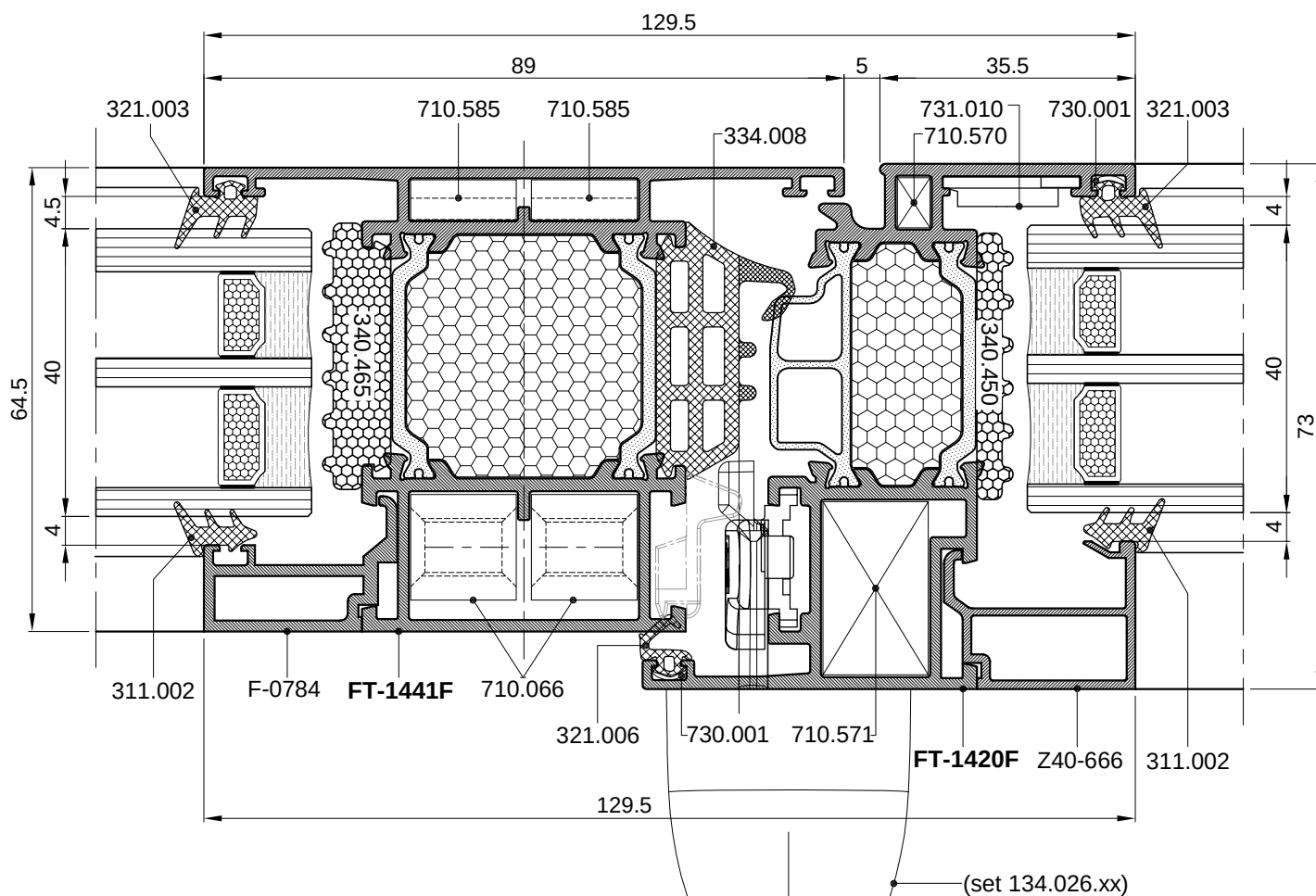
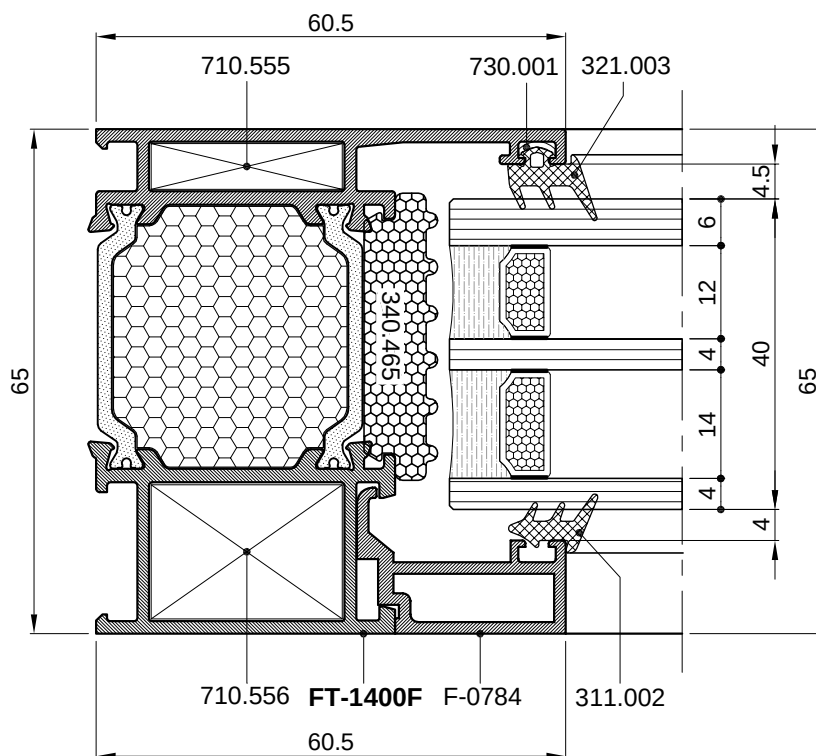
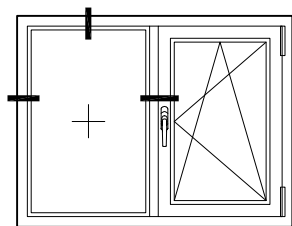
**FT-1441F**  
 Profil prečke 89mm  
 Crossbar profile 89mm

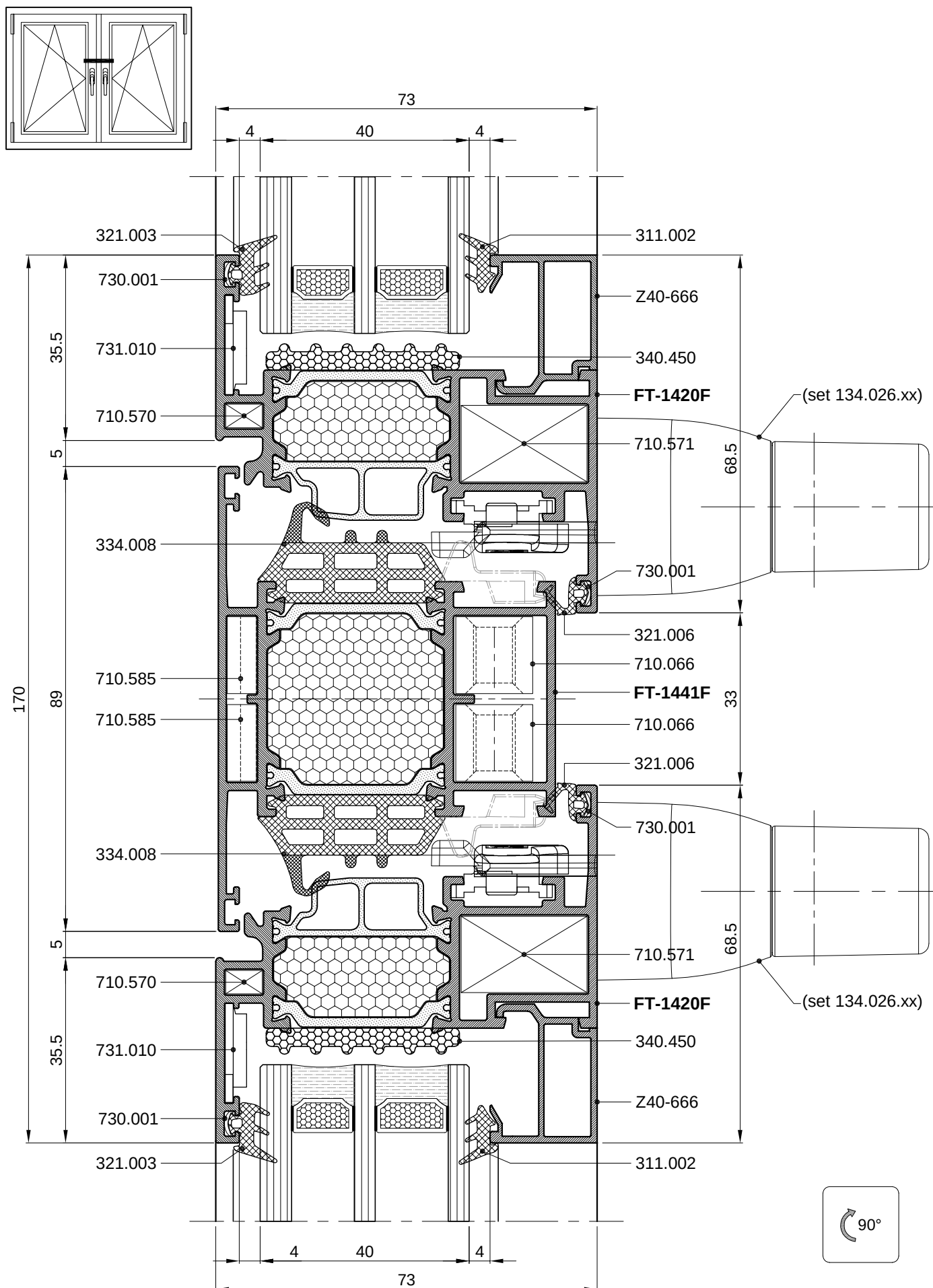


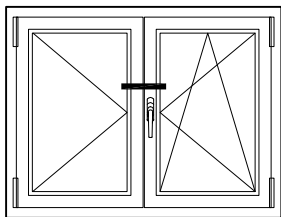






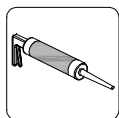
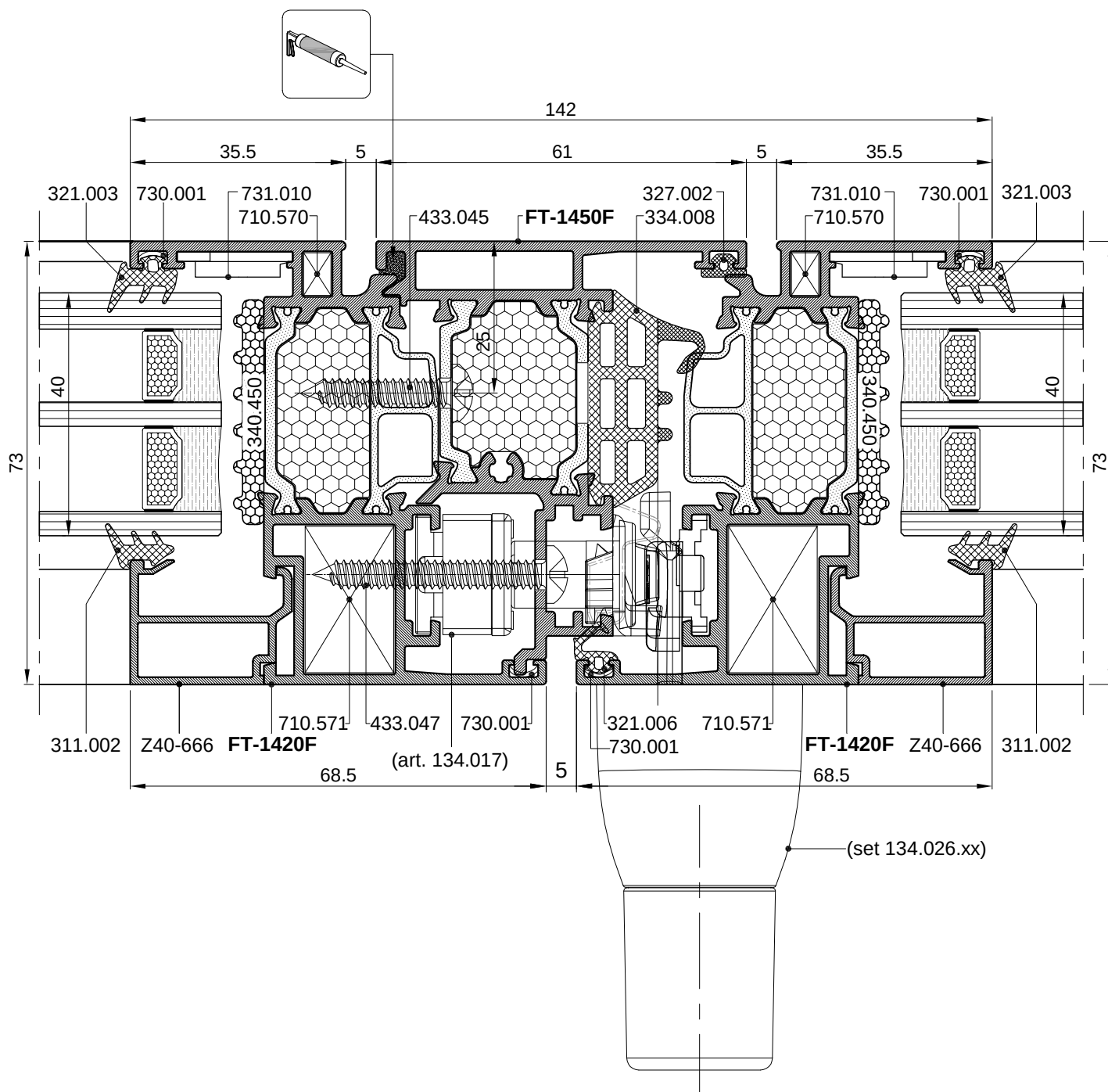




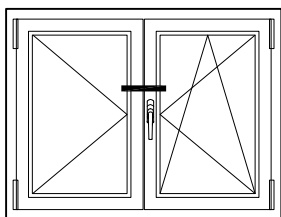


### Okov za fiksiranje pomoćnog krila (montiranje okova u krilo)

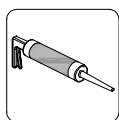
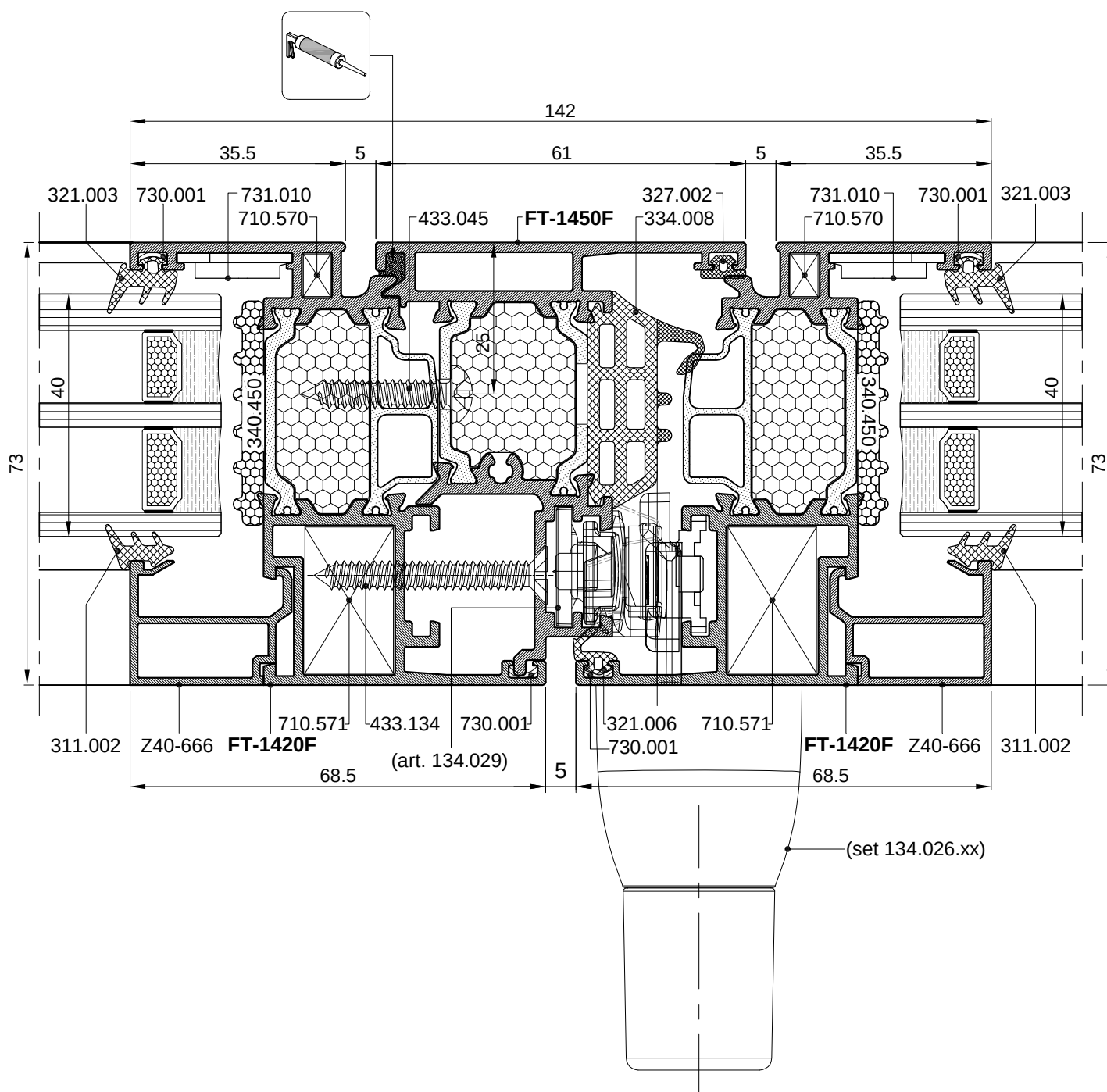
Locking mechanism for auxiliary sash  
(mechanism in the sash)



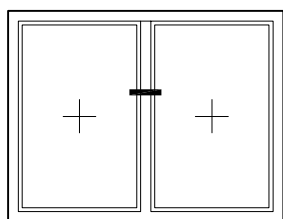
lijepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



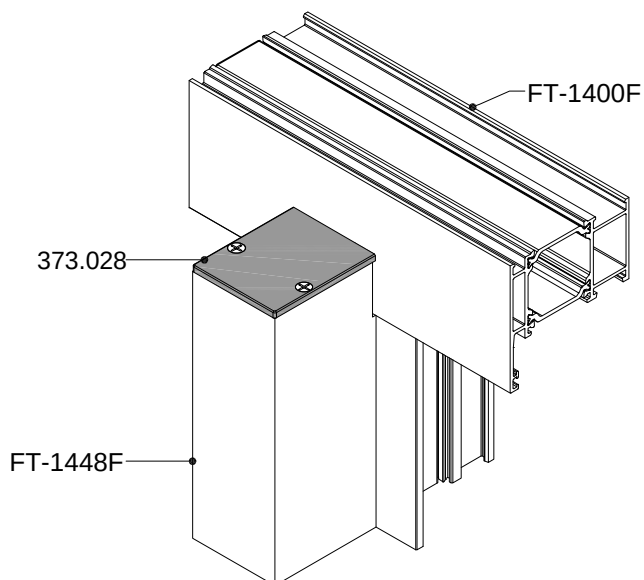
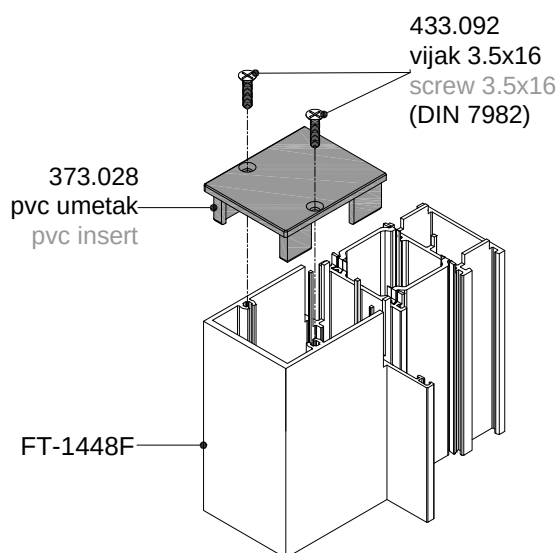
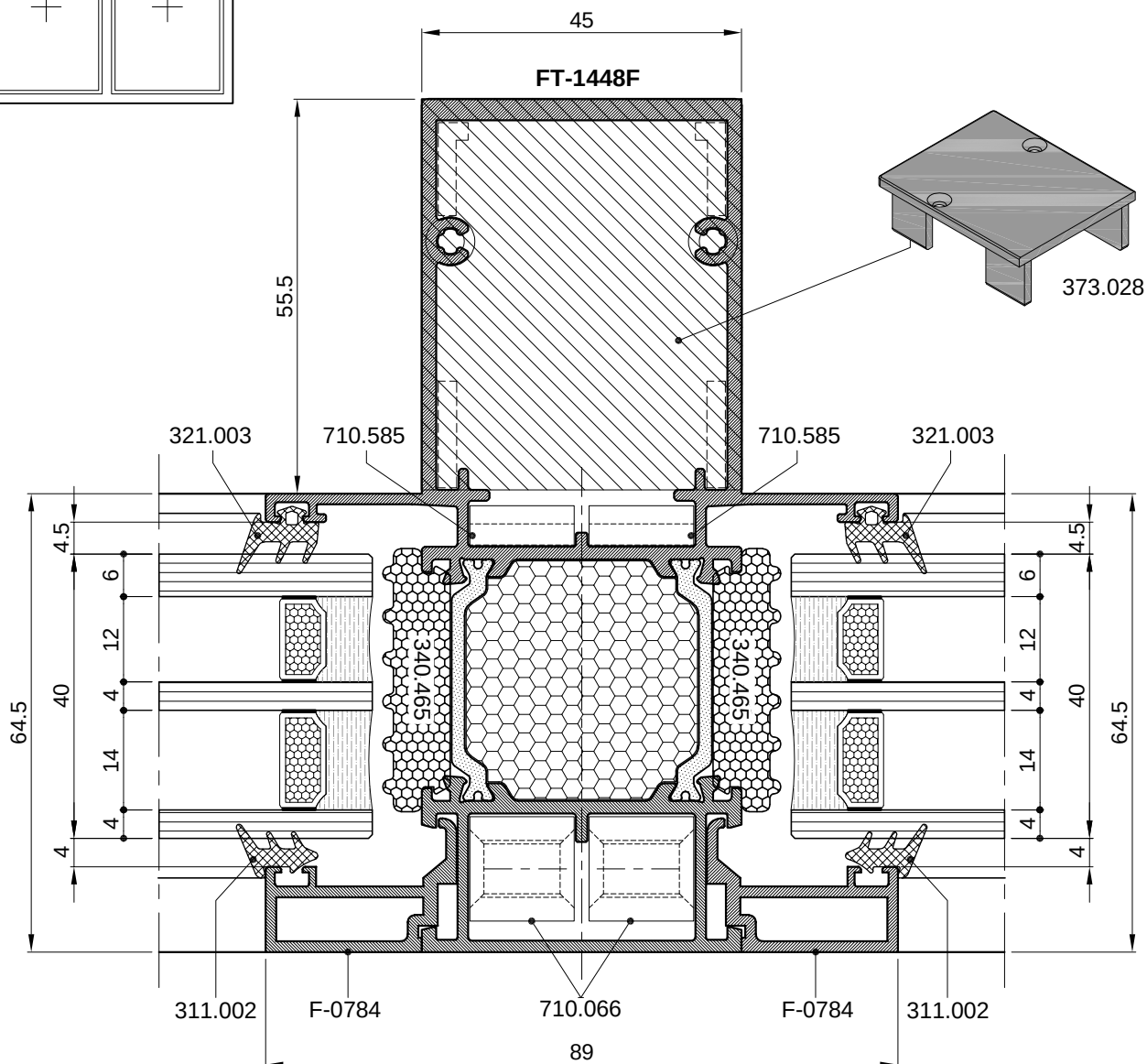
Okov za fiksiranje pomoćnog krila  
(montiranje okova u kombatutu)  
Locking mechanism for auxiliary sash  
(mechanism in the flying mullion)



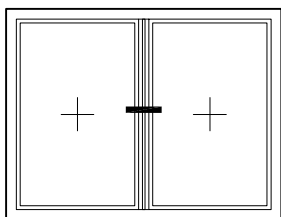
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



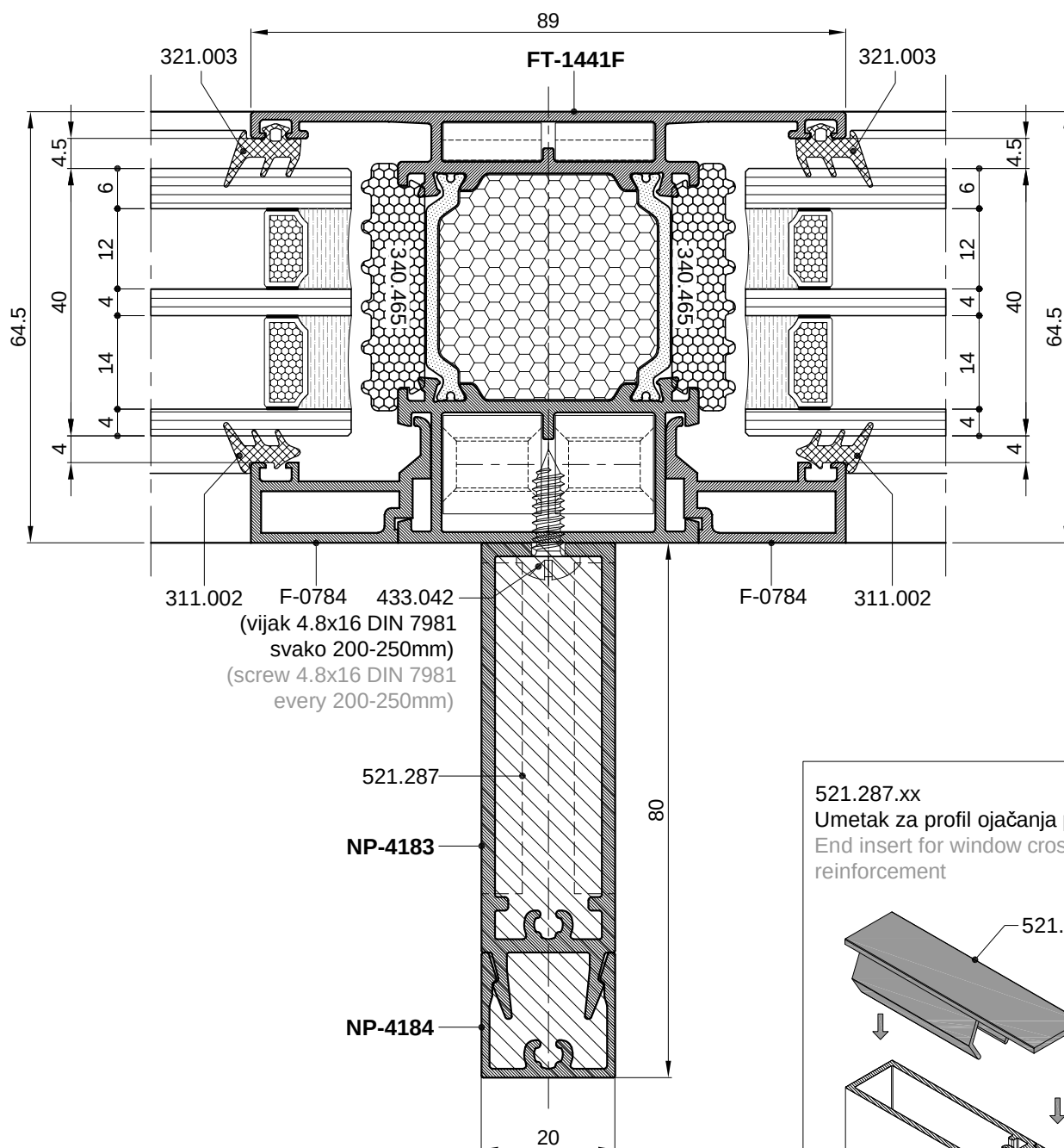
Ojačani profil prečke FT-1448F s umetkom 373.028  
Reinforced crossbar profile FT-1448F with insert 373.028



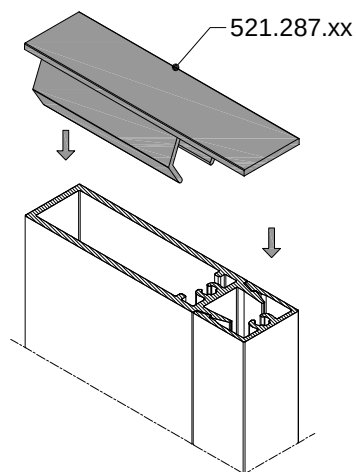




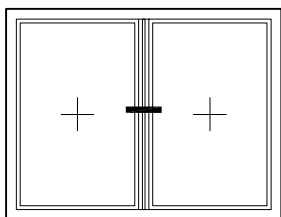
Profil ojačanja 80mm  
Reinforcement profile 80mm



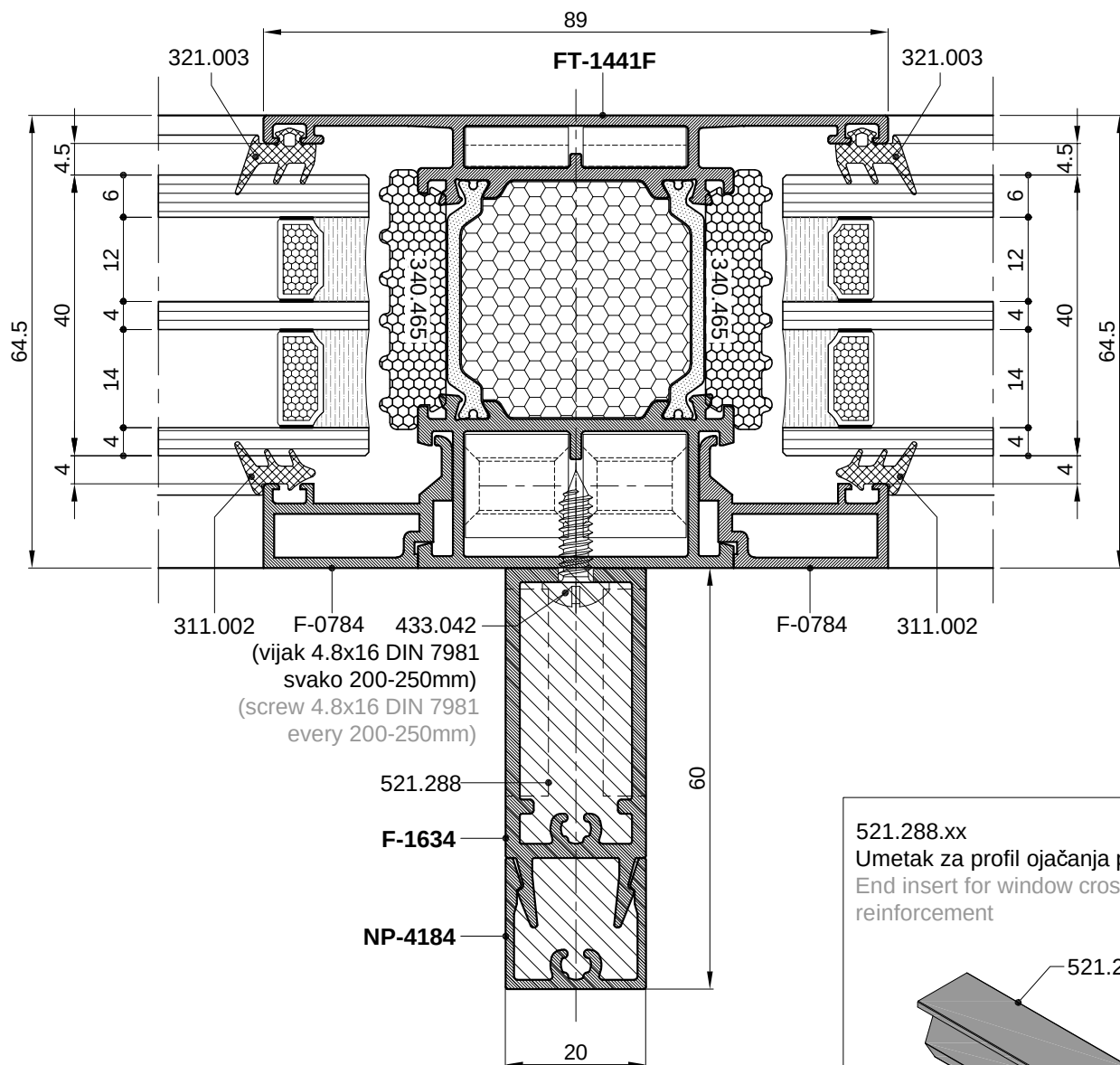
521.287.xx  
Umetak za profil ojačanja prečke  
End insert for window crossbar  
reinforcement



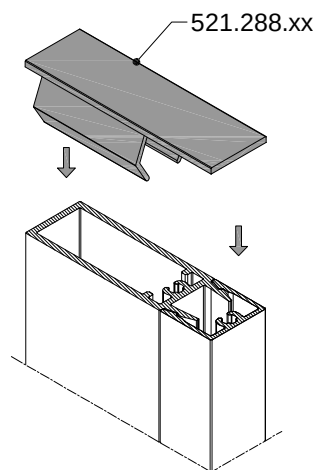
\*Profil ojačanja (80mm) može biti sa unutarnje ili vanjske strane.  
The reinforcement profile (80mm) can be place on the inside or on the outside.



Profil ojačanja 60mm  
Reinforcement profile 60mm

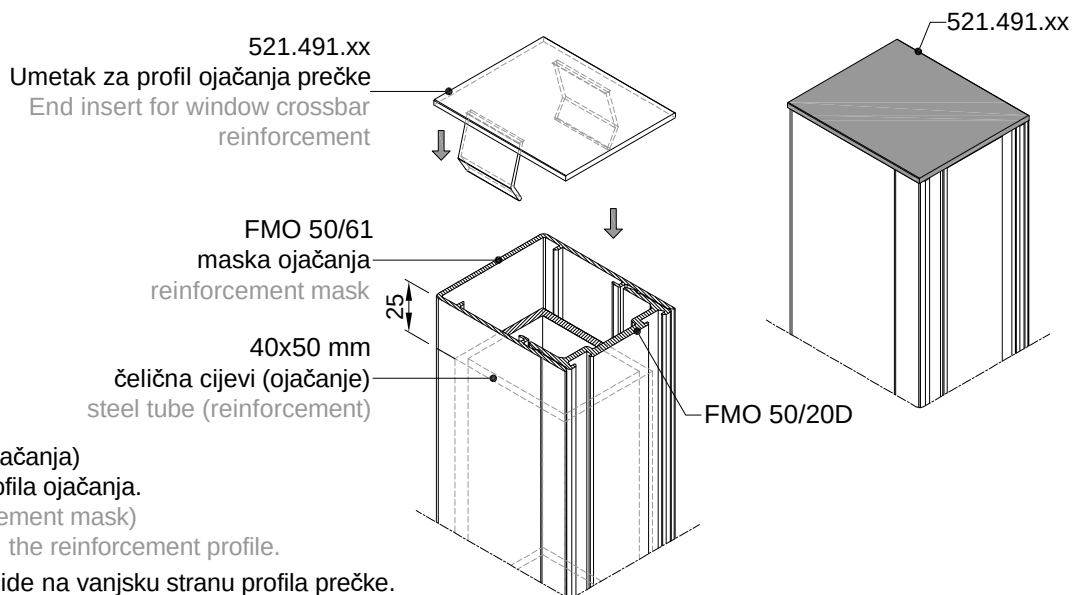
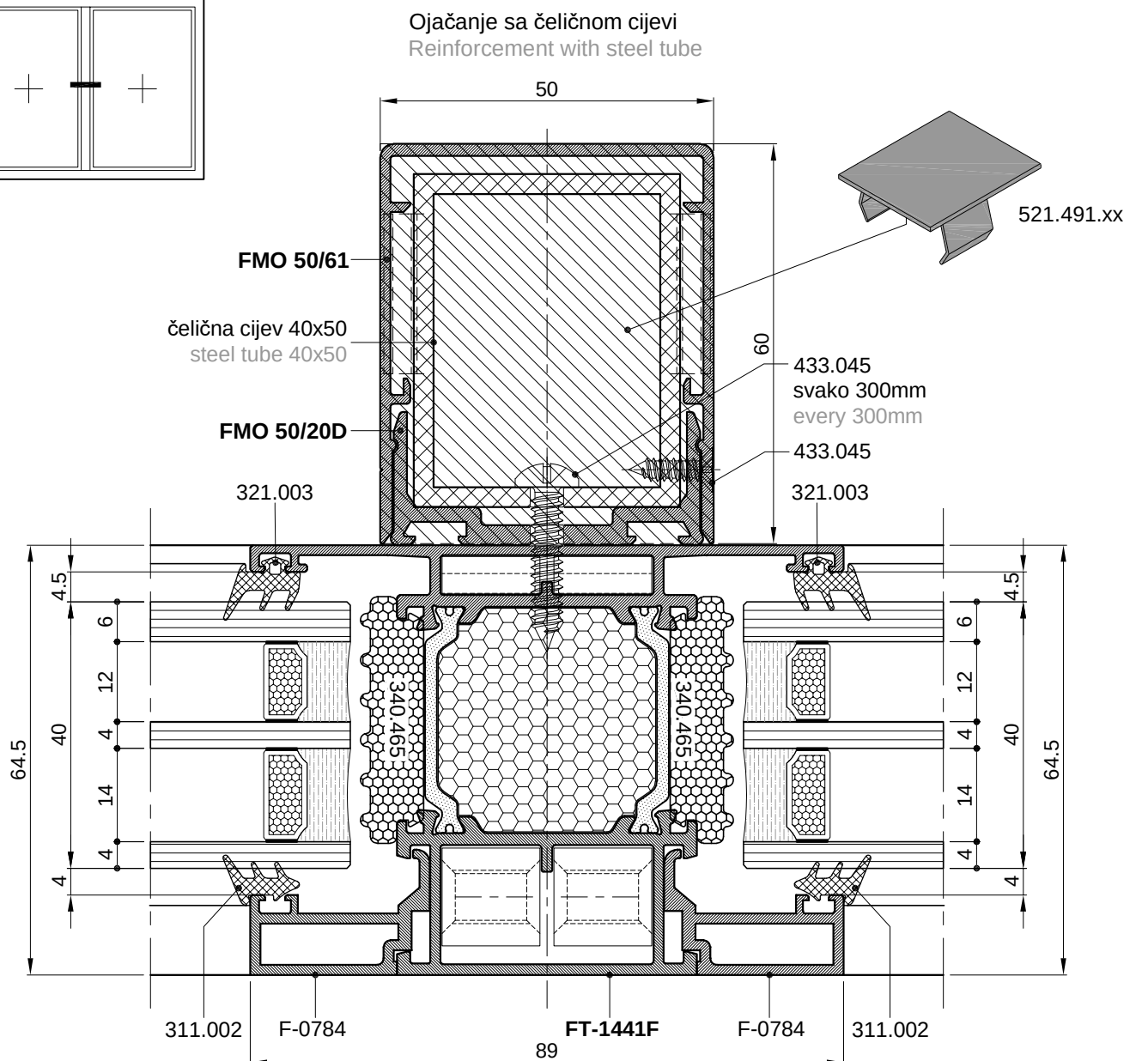
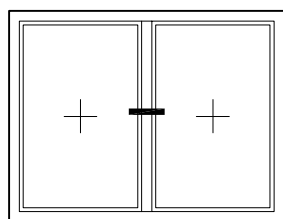


521.288.xx  
Umetak za profil ojačanja prečke  
End insert for window crossbar  
reinforcement



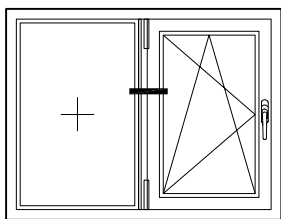
\*Profil ojačanja (60mm) može biti sa  
unutarnje ili vanjske strane.  
The reinforcement profile (60mm) can be place  
on the inside or on the outside.



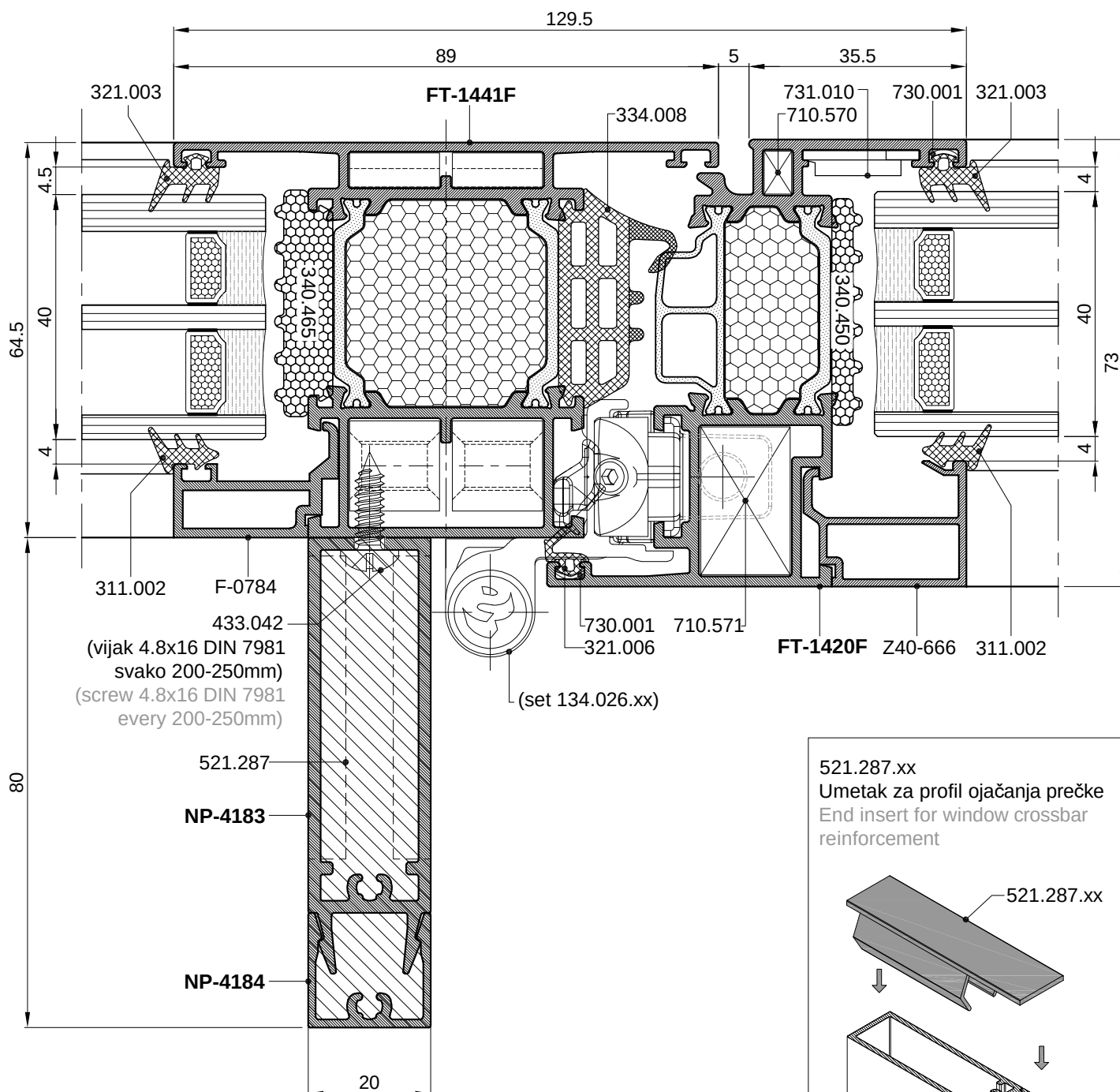


- Profil FMO 50/61 (maska ojačanja) mora biti 50 mm duži od profila ojačanja.
- FMO 50/61 profile (reinforcement mask) must be 50 mm longer than the reinforcement profile.

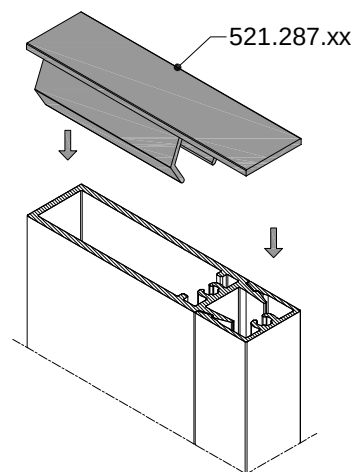
\*Ojačanje sa čeličnom cijevi ide na vanjsku stranu profila prečke.  
Reinforcement with steel tube goes to the exterior side of window crossbar.



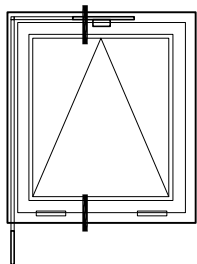
Profil ojačanja 80mm  
Reinforcement profile 80mm



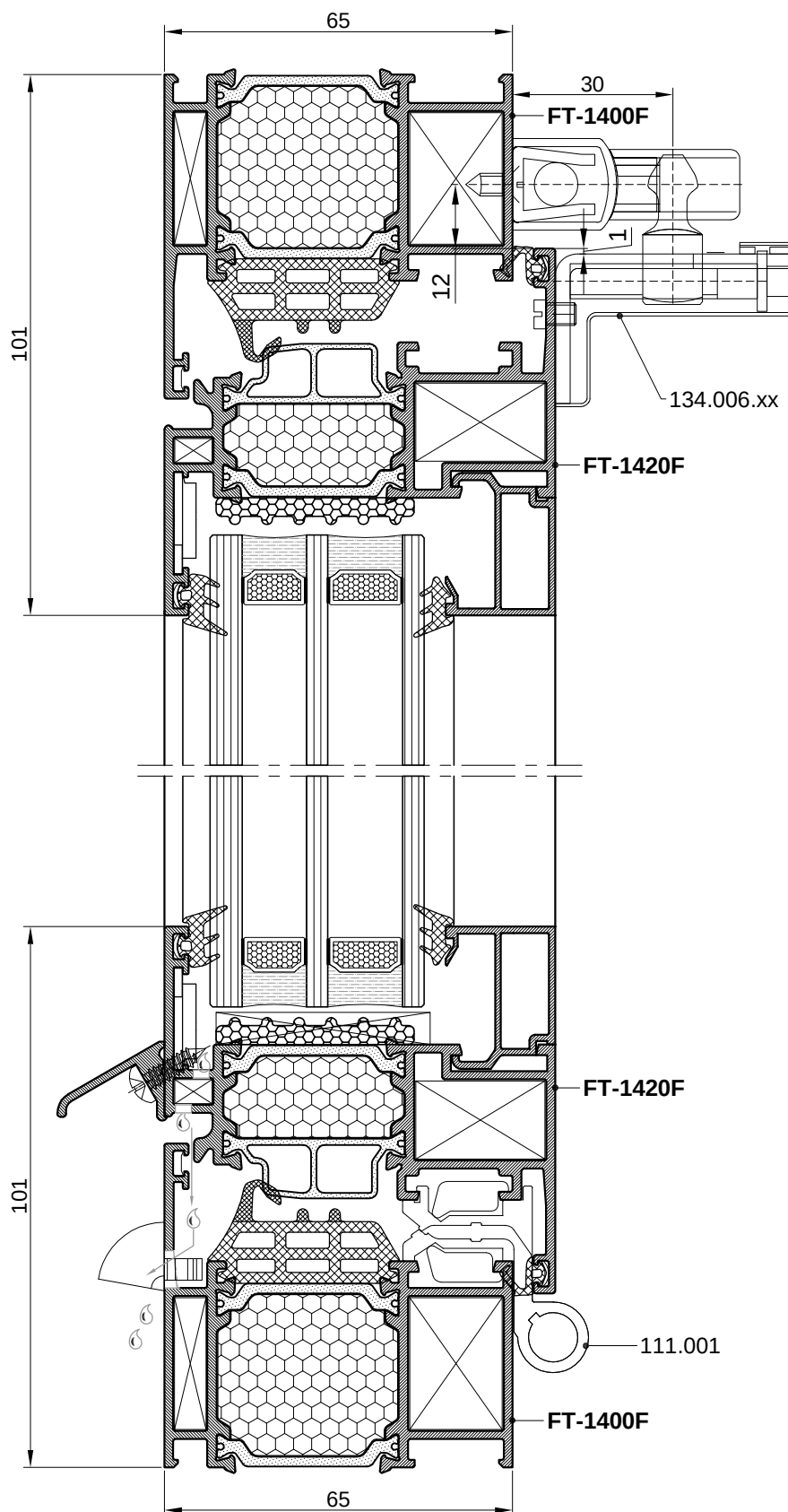
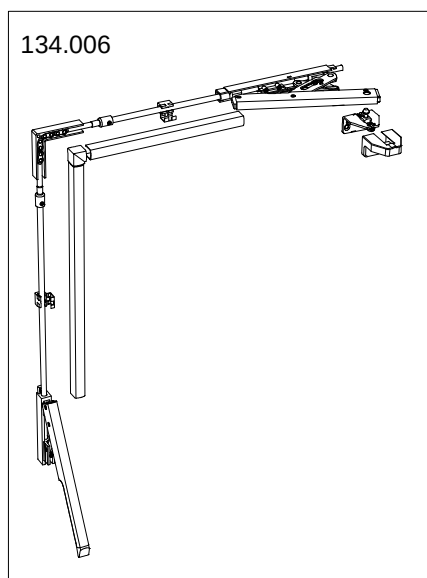
521.287.xx  
Umetak za profil ojačanja prečke  
End insert for window crossbar  
reinforcement



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



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

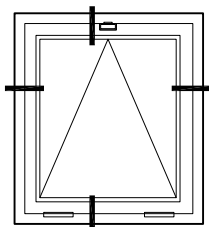


### OTKLOPNI PROZOR - VENTUS

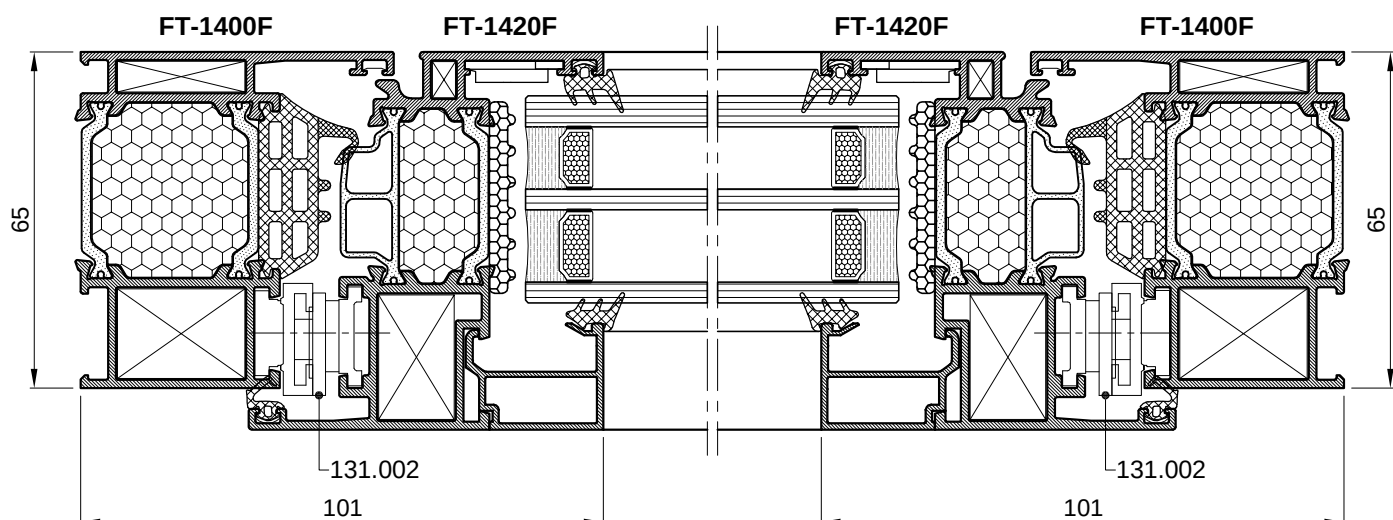
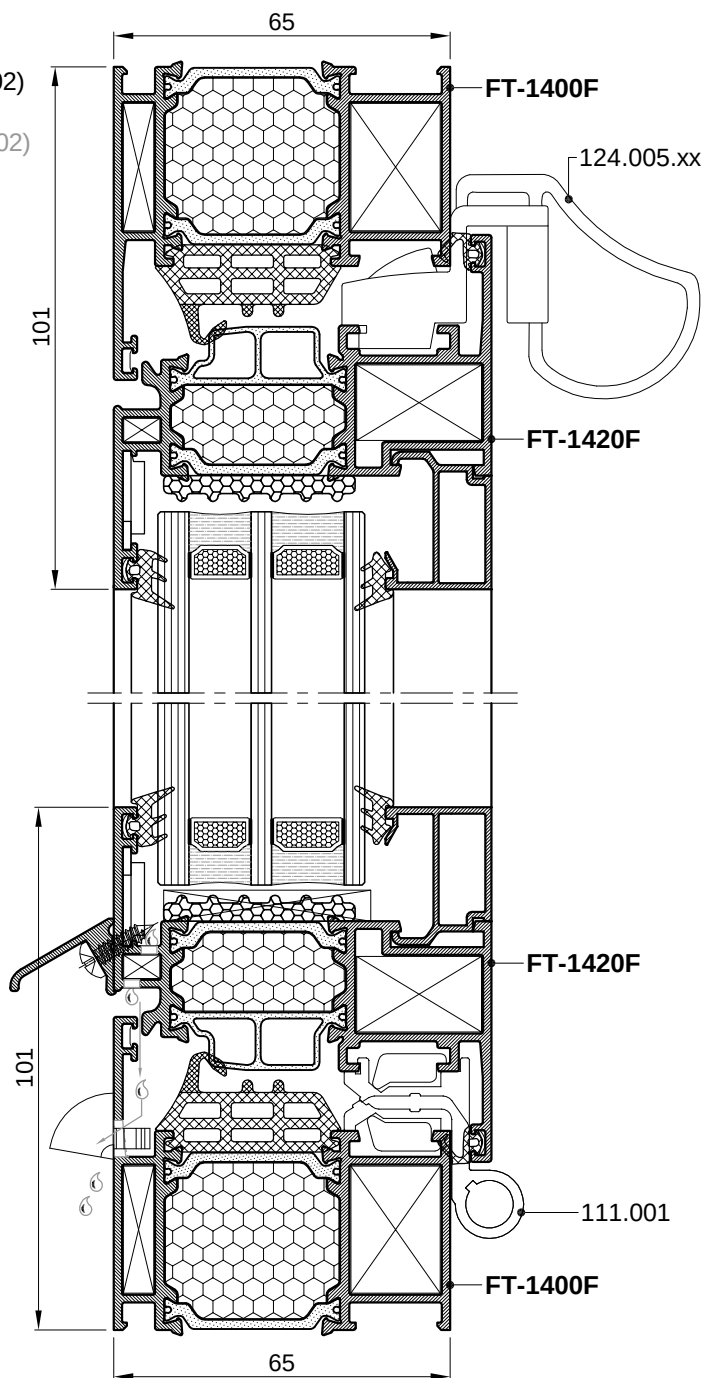
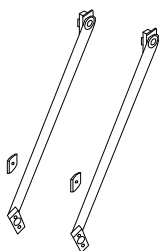
sa bravicom za zatvaranje (124.005.xx) i škarama (131.002)

BOTTOM HUNG WINDOW

with lock for closing (124.005.xx) and friction stays (131.002)



131.002

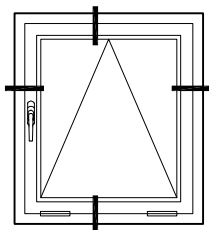


### OTKLOPNI PROZOR - VENTUS

sa ručkom na vertikali

BOTTOM HUNG WINDOW

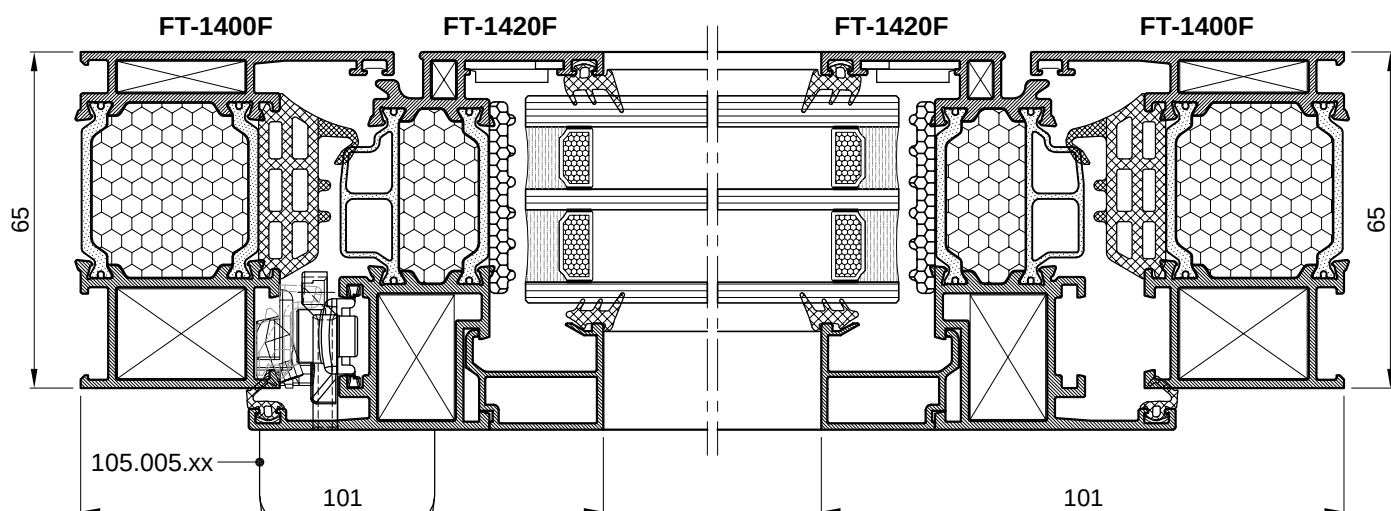
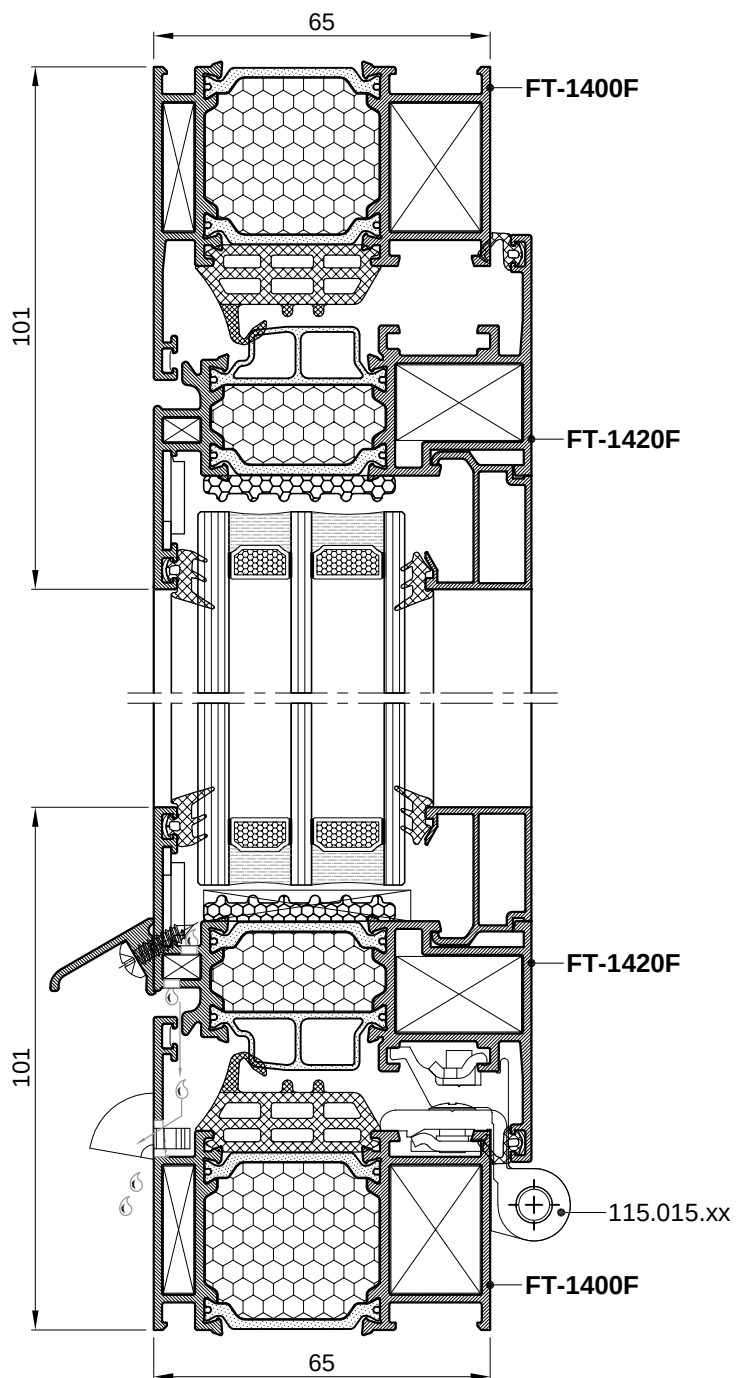
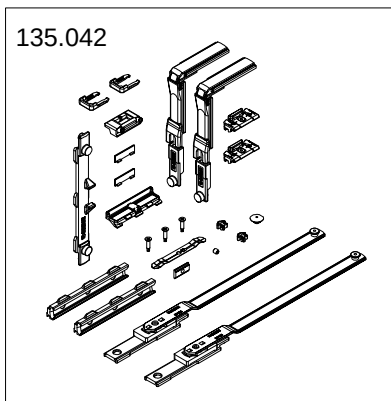
with the handle on the side



(Mehanizam za otklopni prozor - ventus  
sa ručkom na vertikali - Giesse)

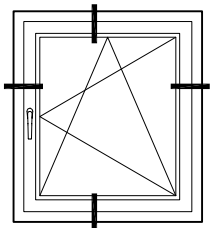
(Mechanism for bottom hung window  
with the handle on the side - Giesse)

135.042

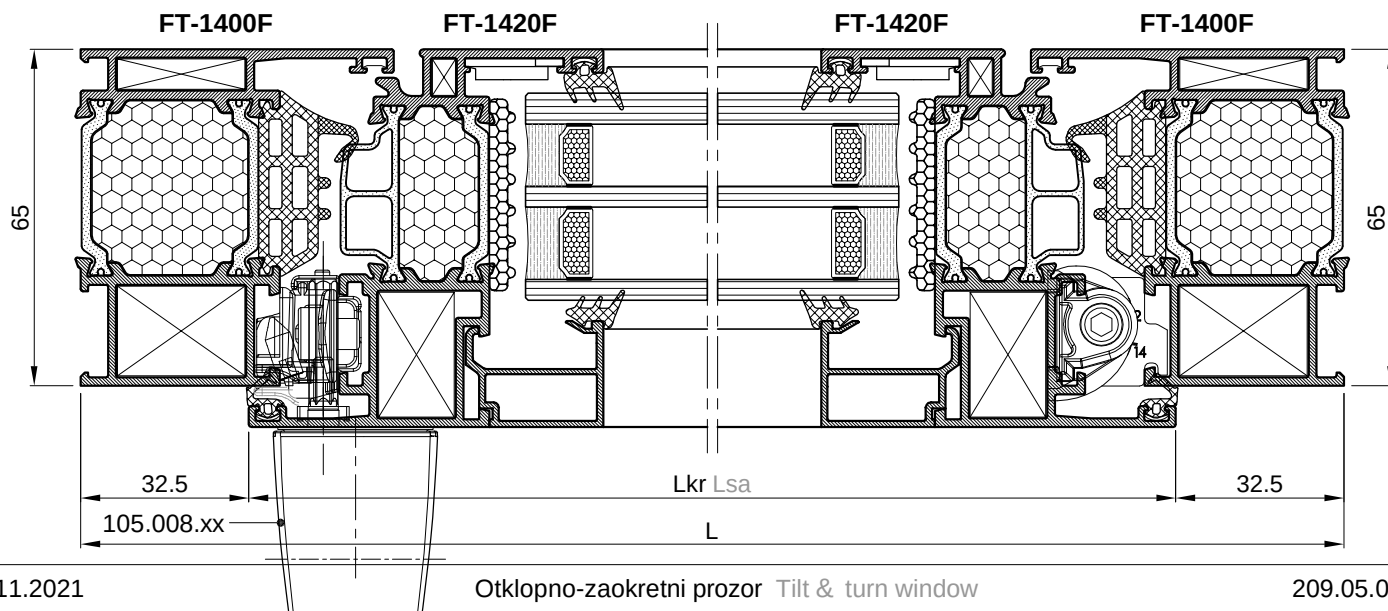
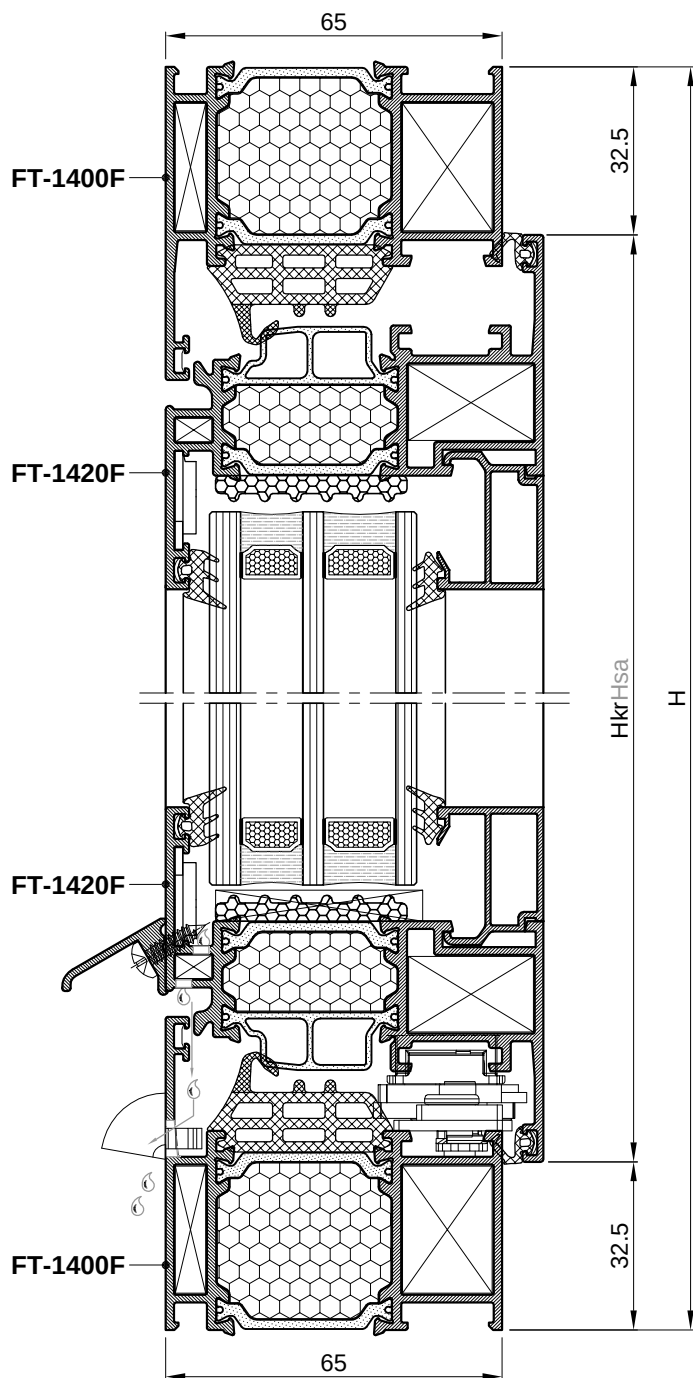




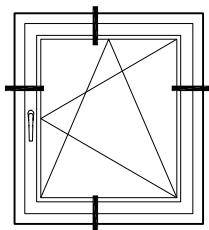
OTKLOPNO ZAOKRETNI PROZOR  
TILT & TURN WINDOW



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

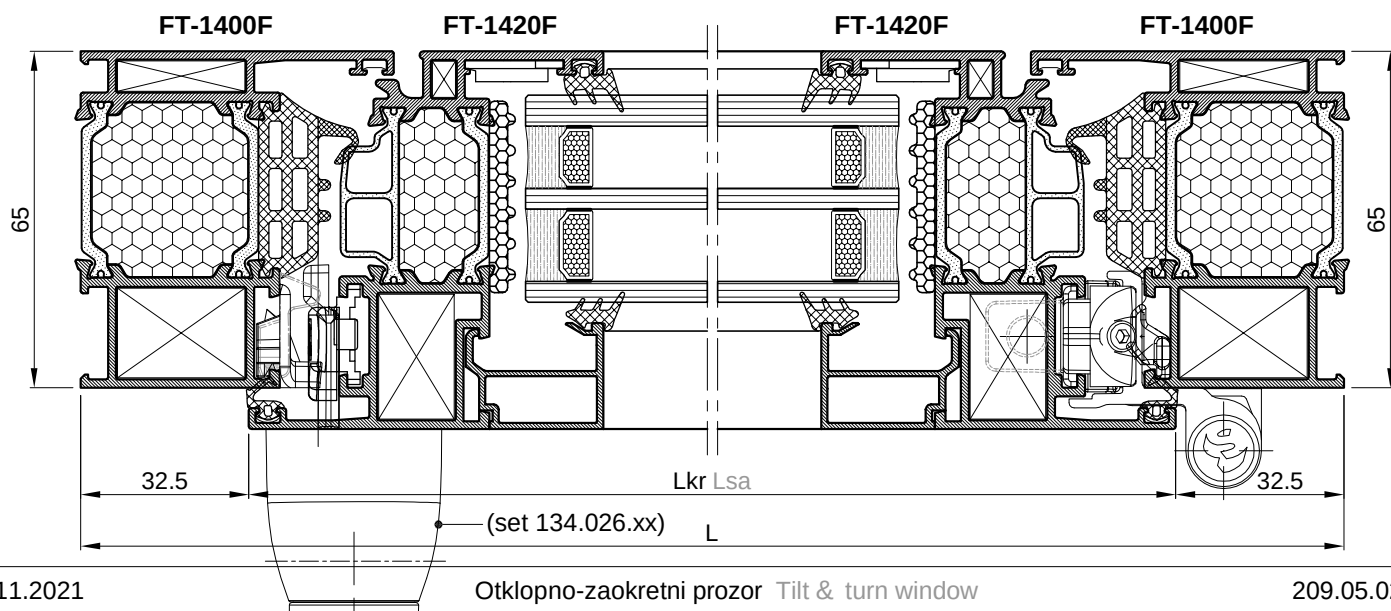
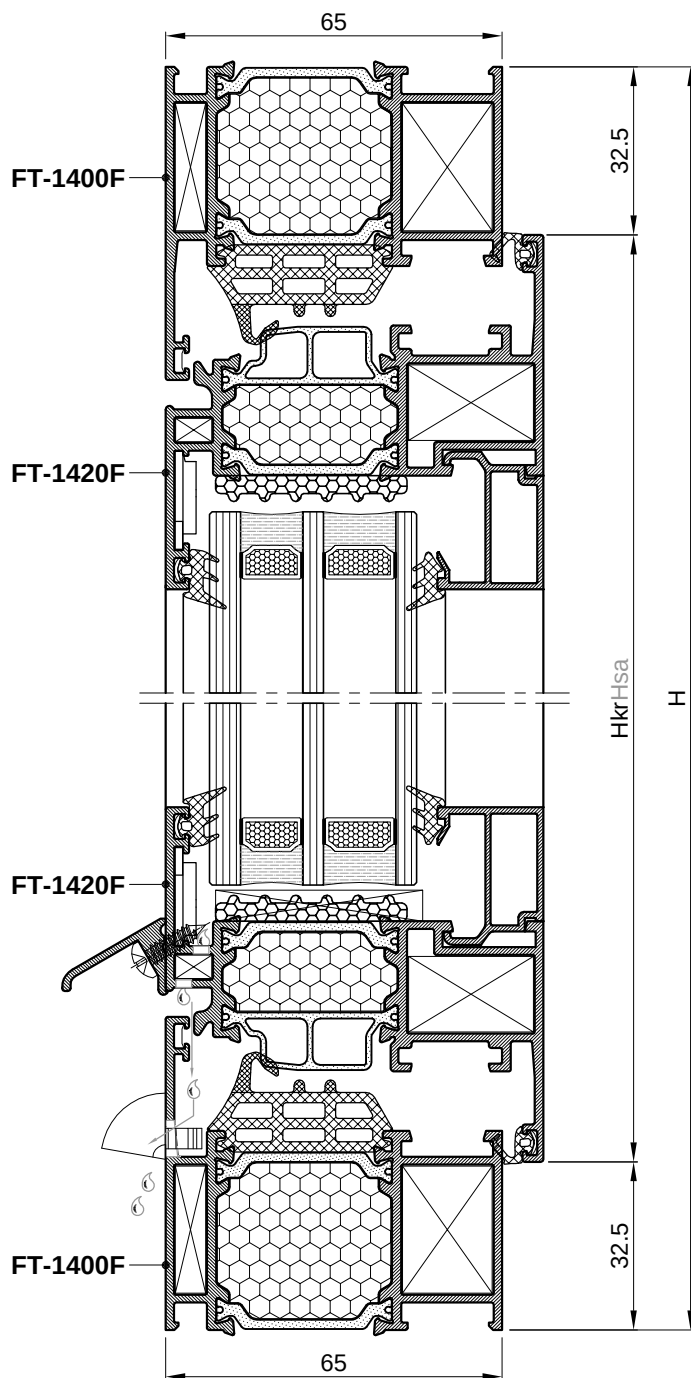
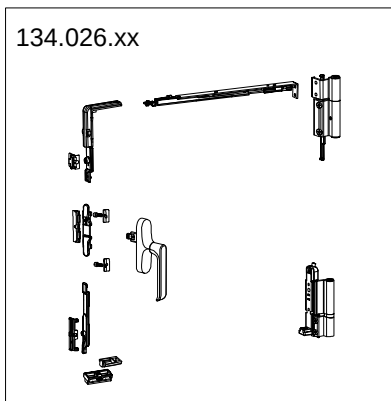


OTKLOPNO ZAOKRETNI PROZOR  
TILT & TURN WINDOW

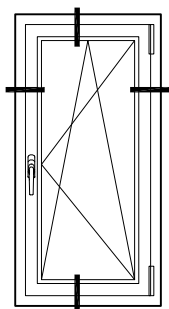


(Otklopno-zaokretni mehanizam- Stublina)  
(Tilt & turn mechanism- Stublina)

134.026.xx

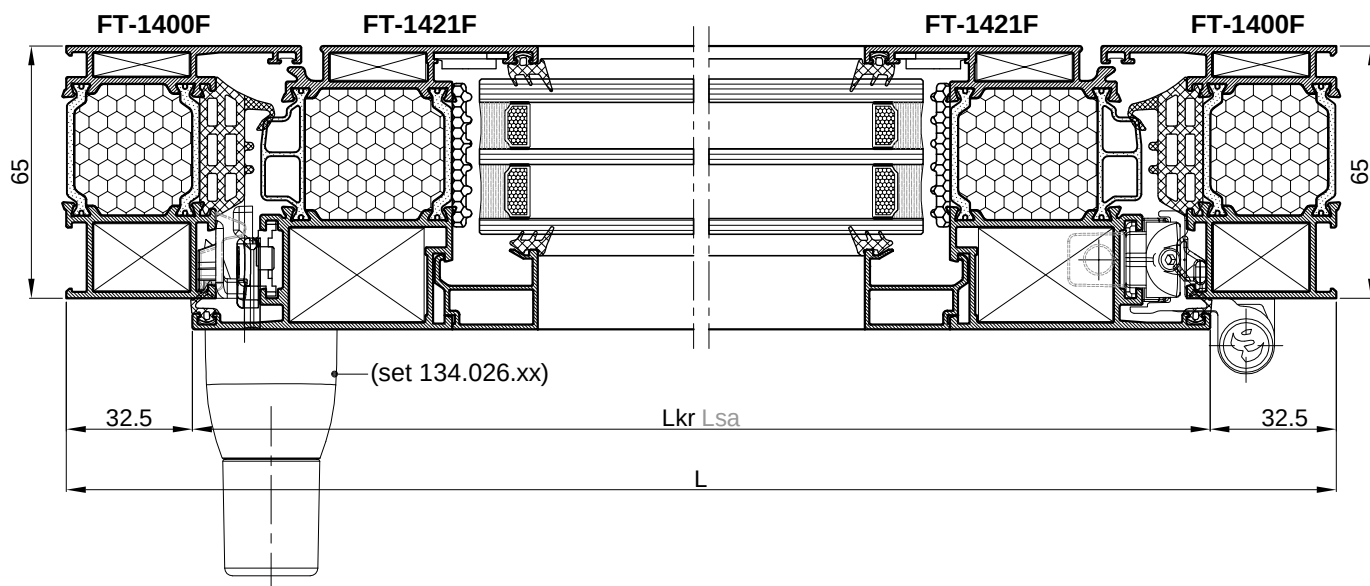
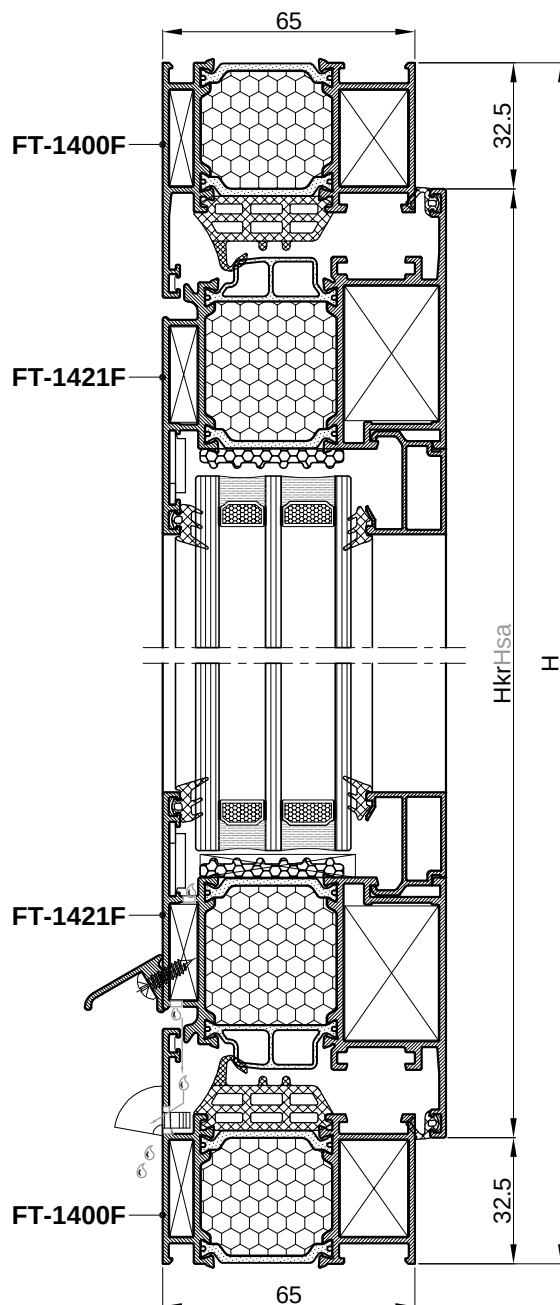
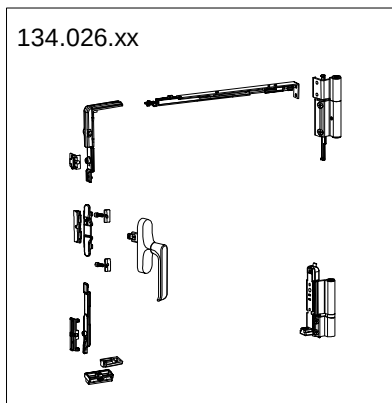


JEDNOKRILNA BALKONSKA VRATA  
SINGLE BALCONY DOOR



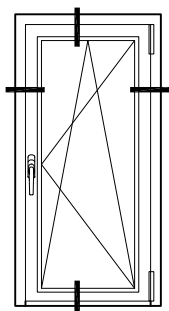
(Otklopno-zaokretni mehanizam- Stublina)  
(Tilt & turn mechanism- Stublina)

134.026.xx



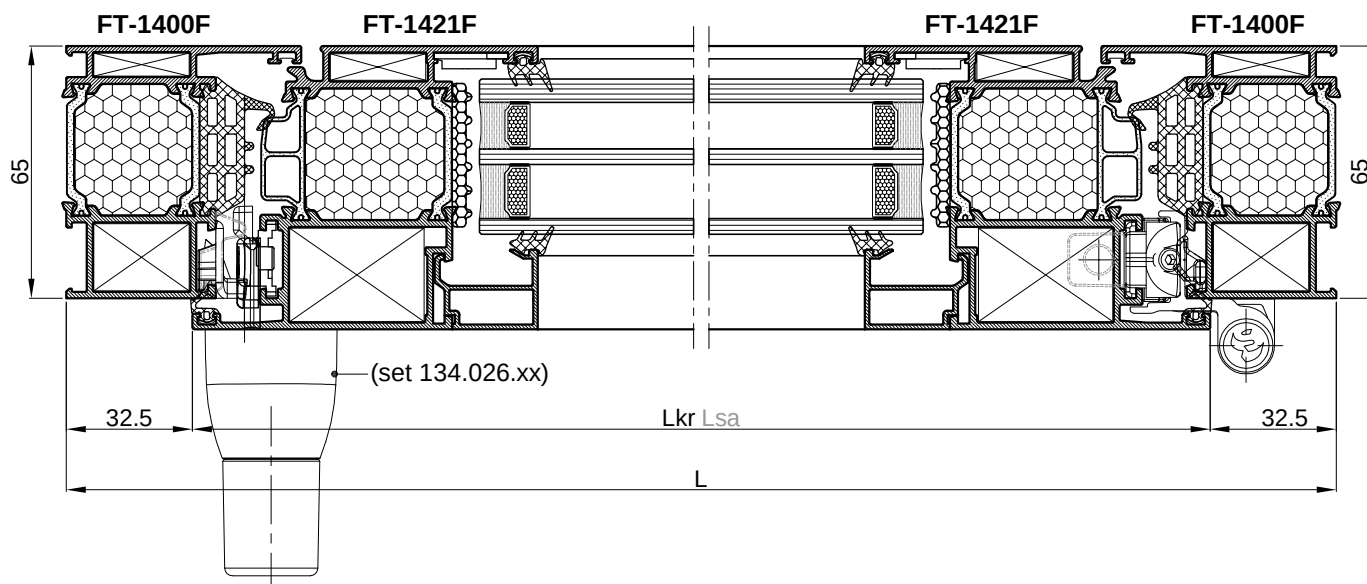
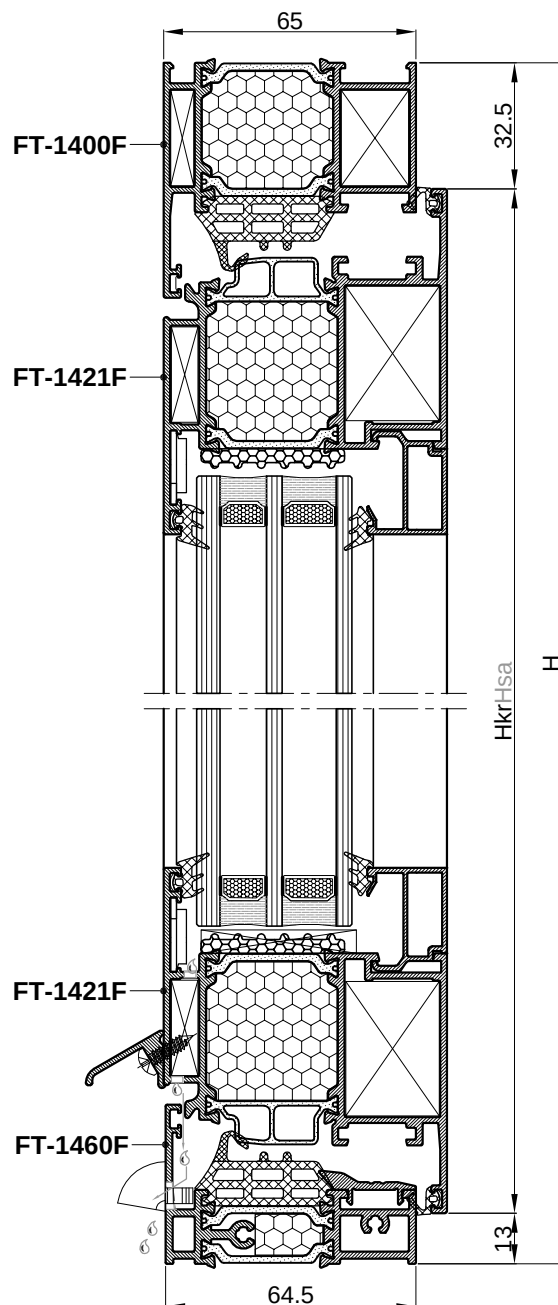
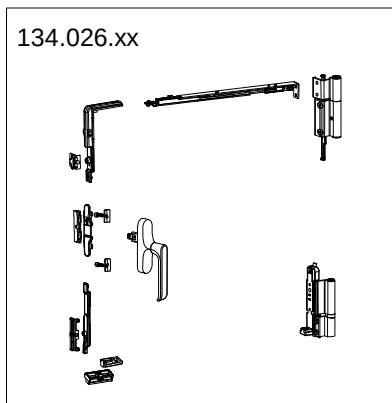


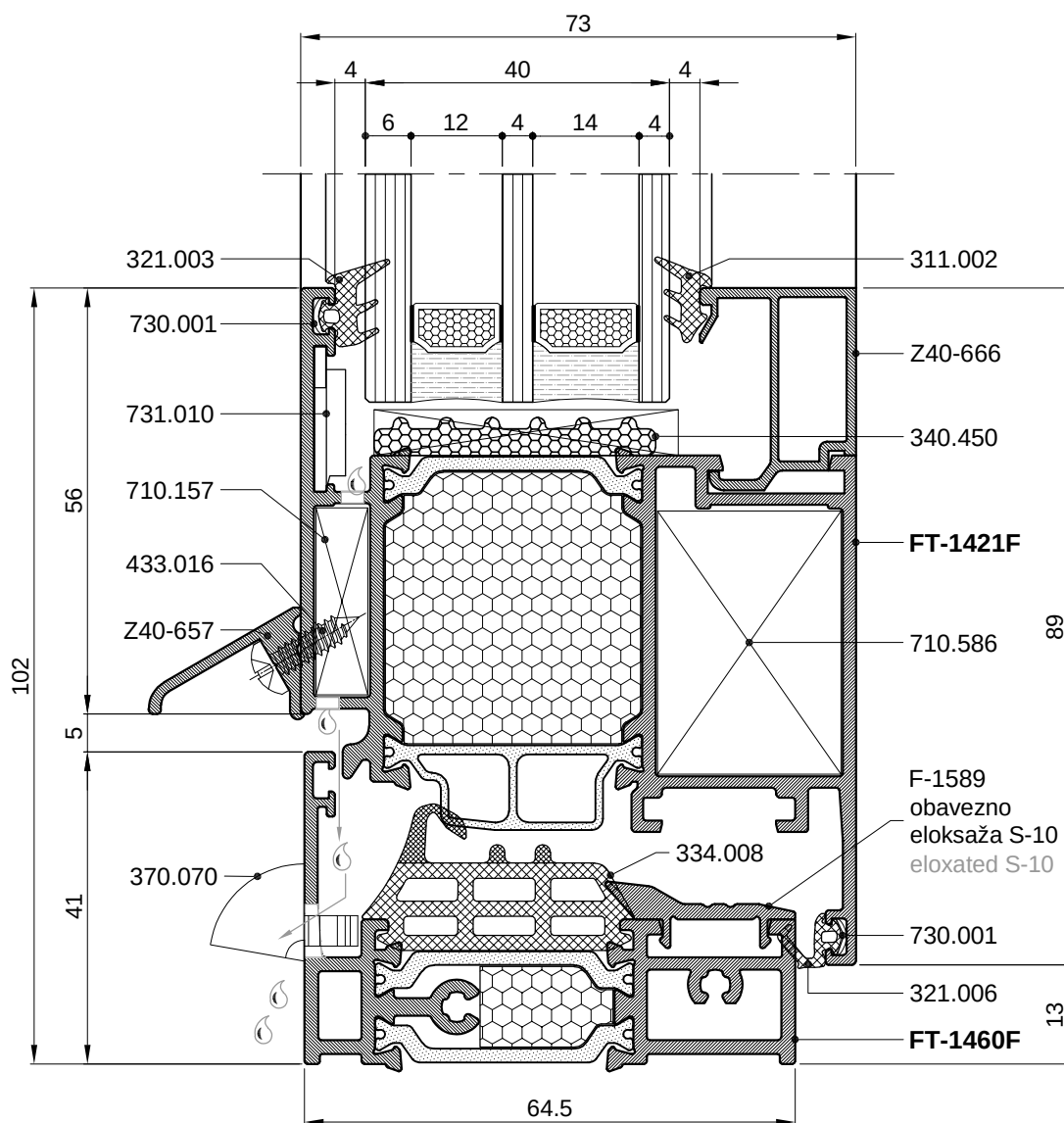
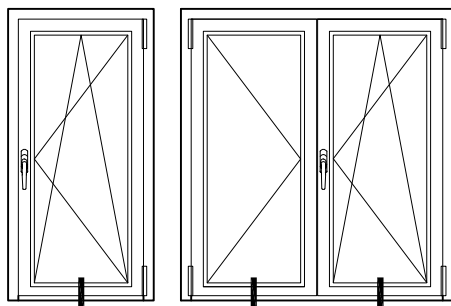
JEDNOKRILNA BALKONSKA VRATA - NISKI PRAG  
SINGLE BALCONY DOOR - LOW THRESHOLD

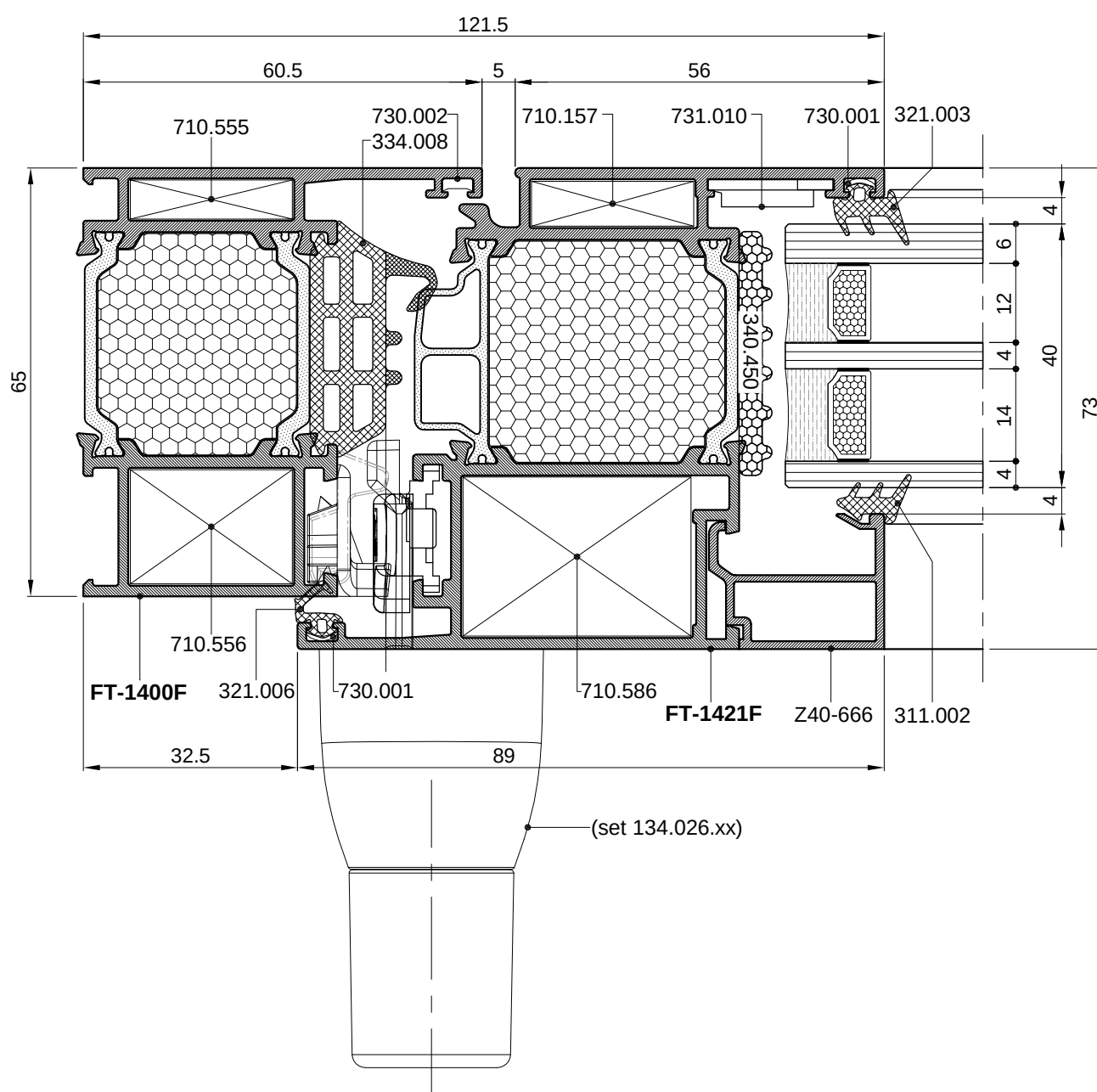
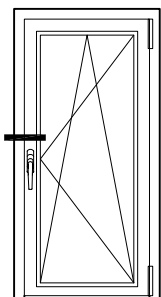


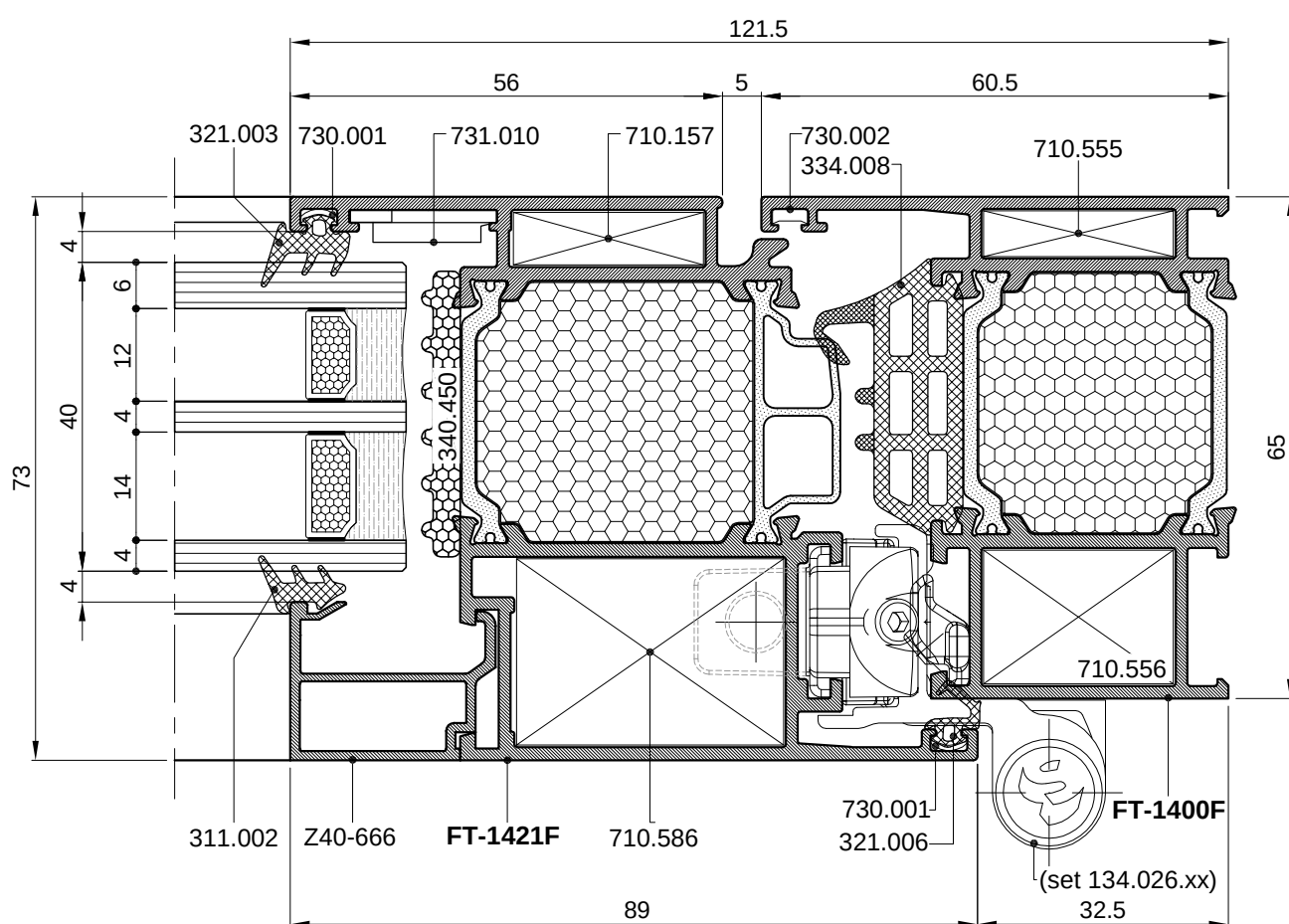
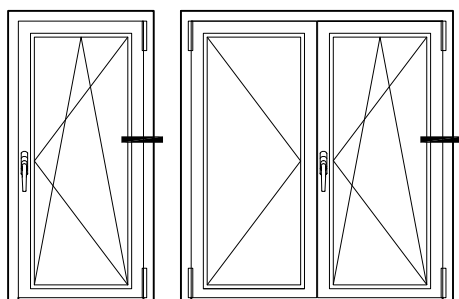
(Otklopno-zaokretni mehanizam- Stublina)  
(Tilt & turn mechanism- Stublina)

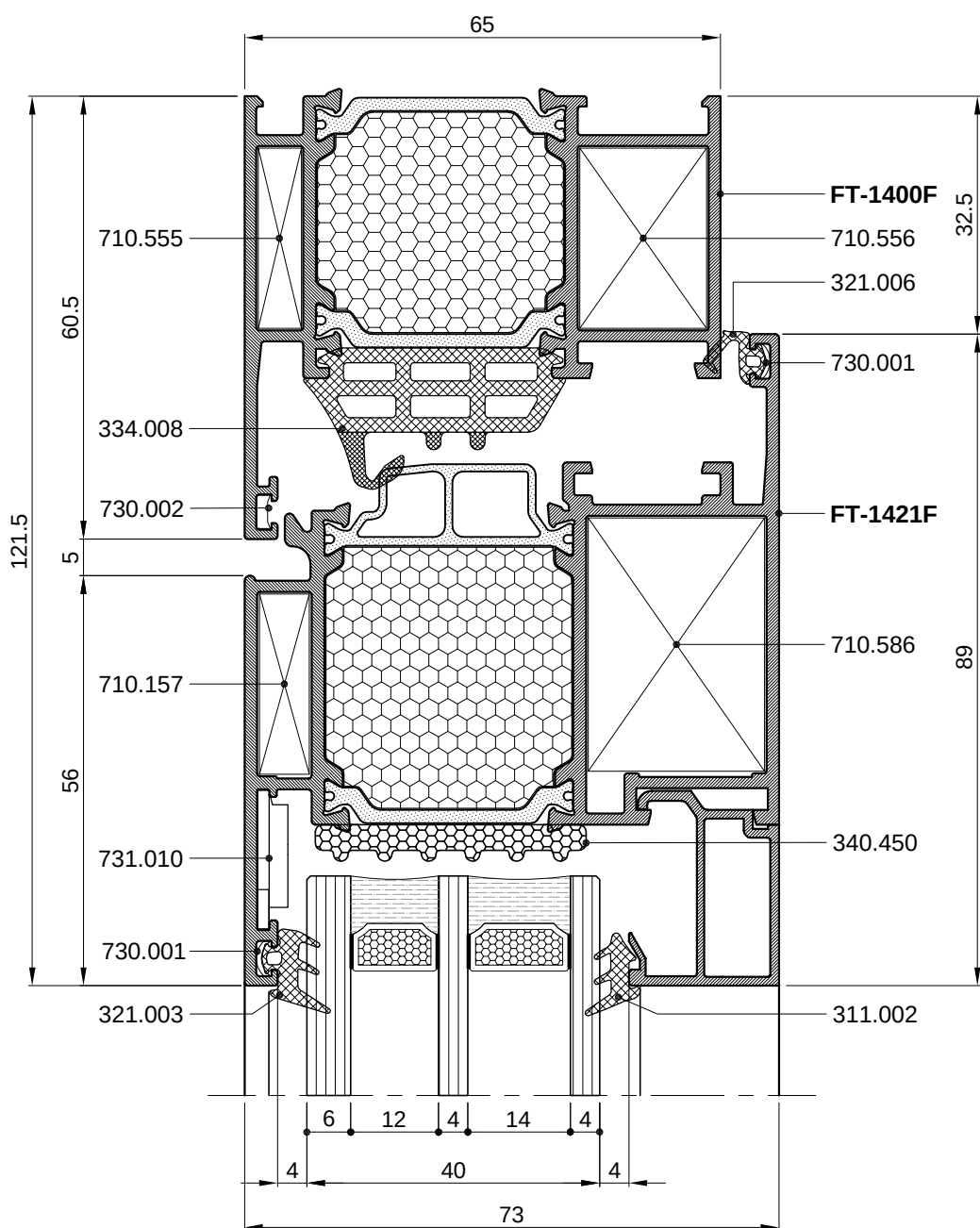
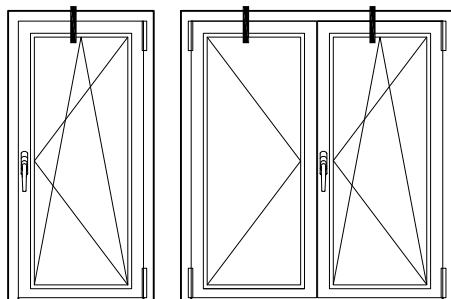
134.026.xx

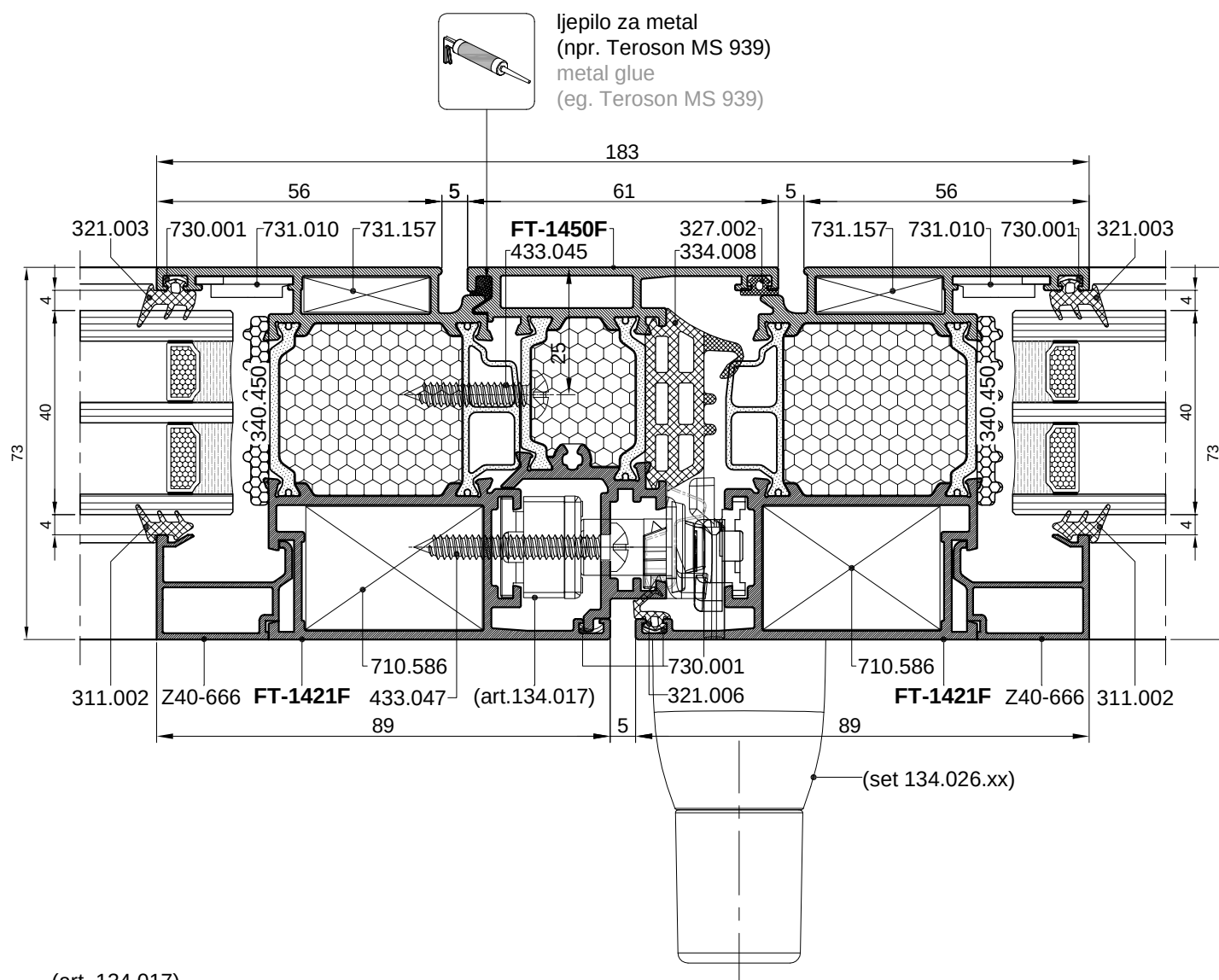
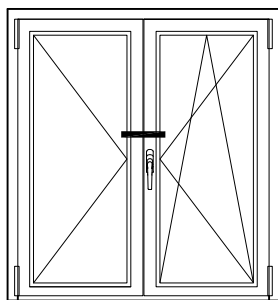












(art. 134.017)

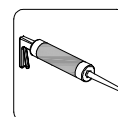
Okov za fiksiranje pomoćnog krila  
(montiranje okova u krilo)

Locking mechanism for auxiliary sash  
(mechanism in the sash)

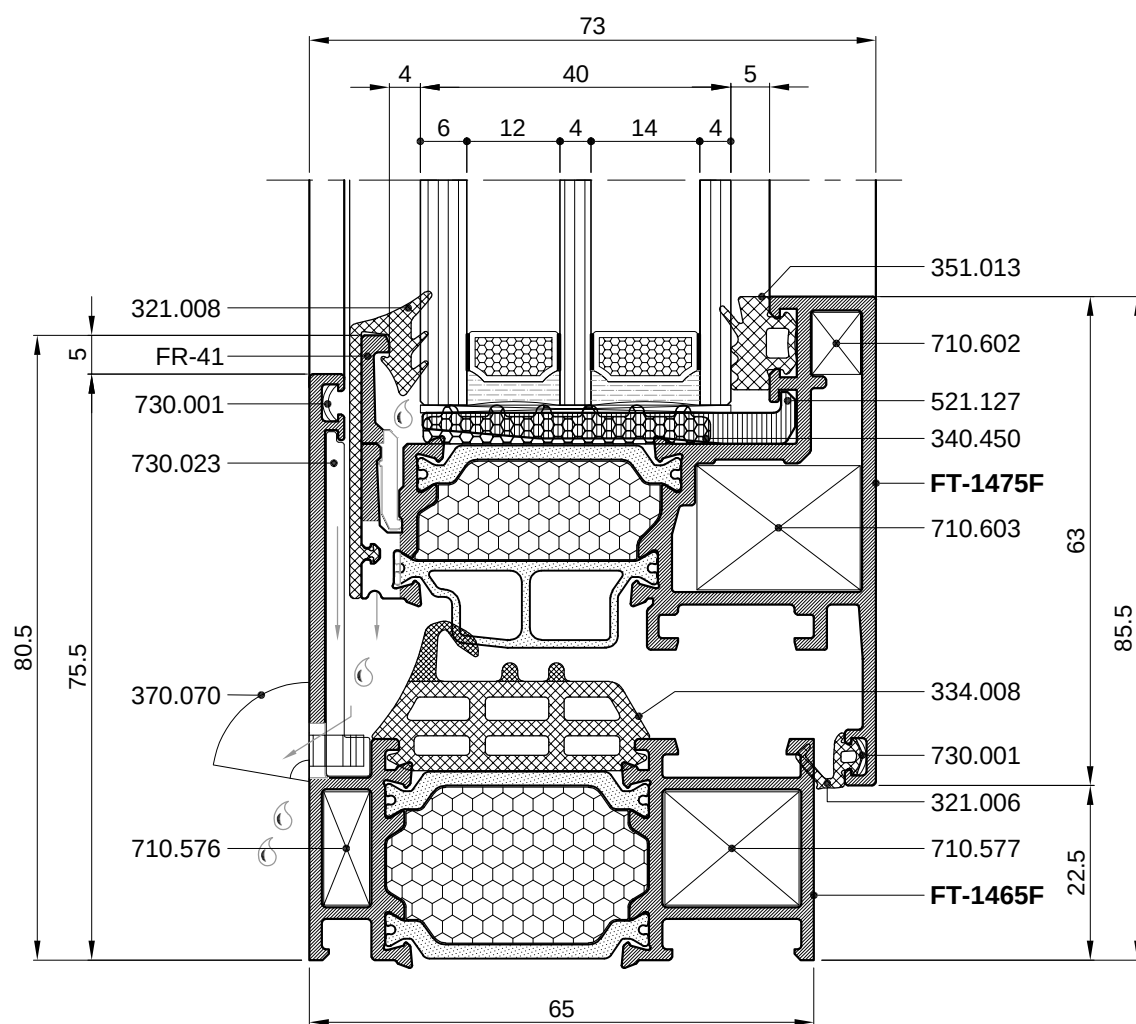
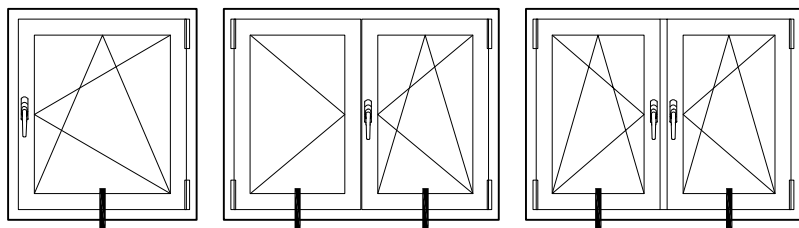
(art. 134.029)

Okov za fiksiranje pomoćnog krila  
(montiranje okova u kombatutu)

Locking mechanism for auxiliary sash  
(mechanism in the flying mullion)

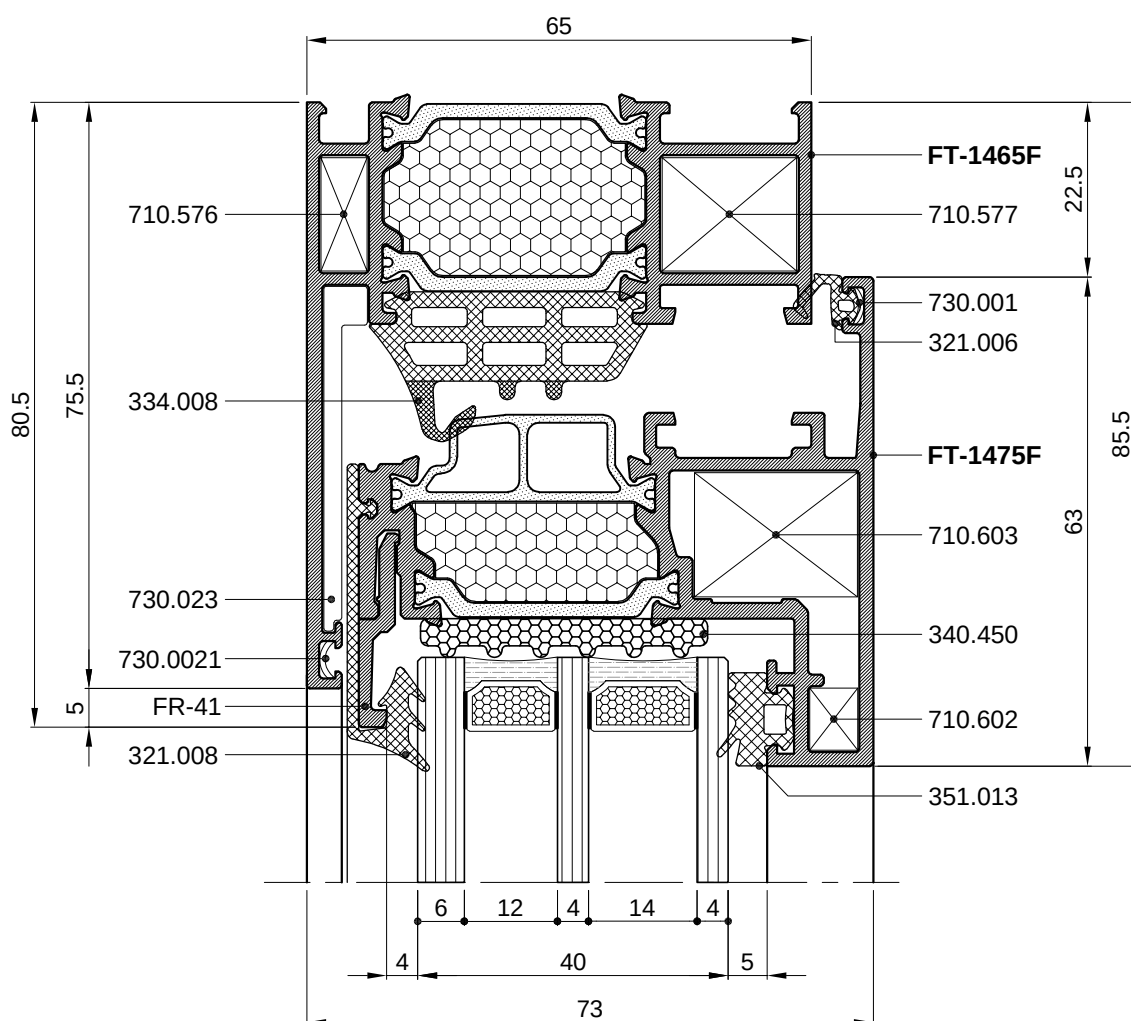
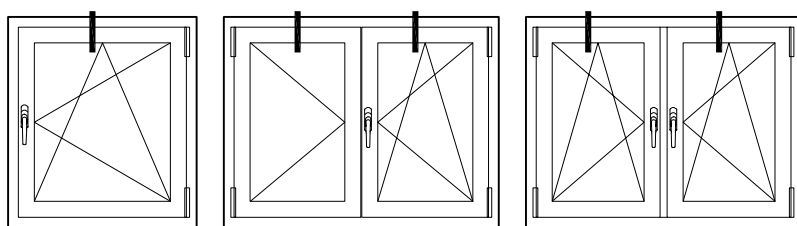


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

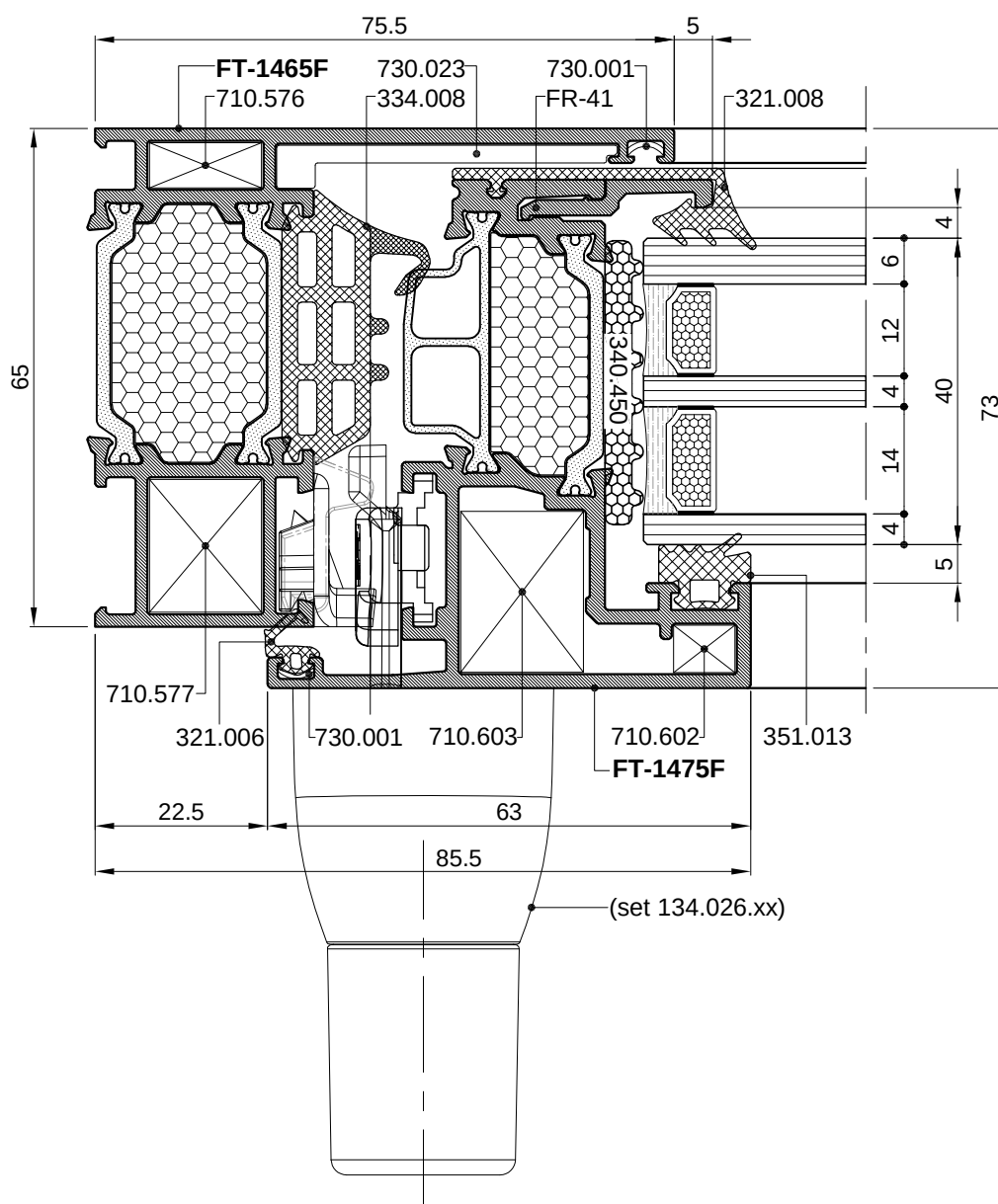
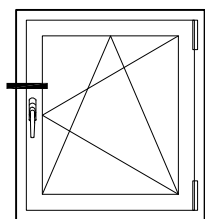


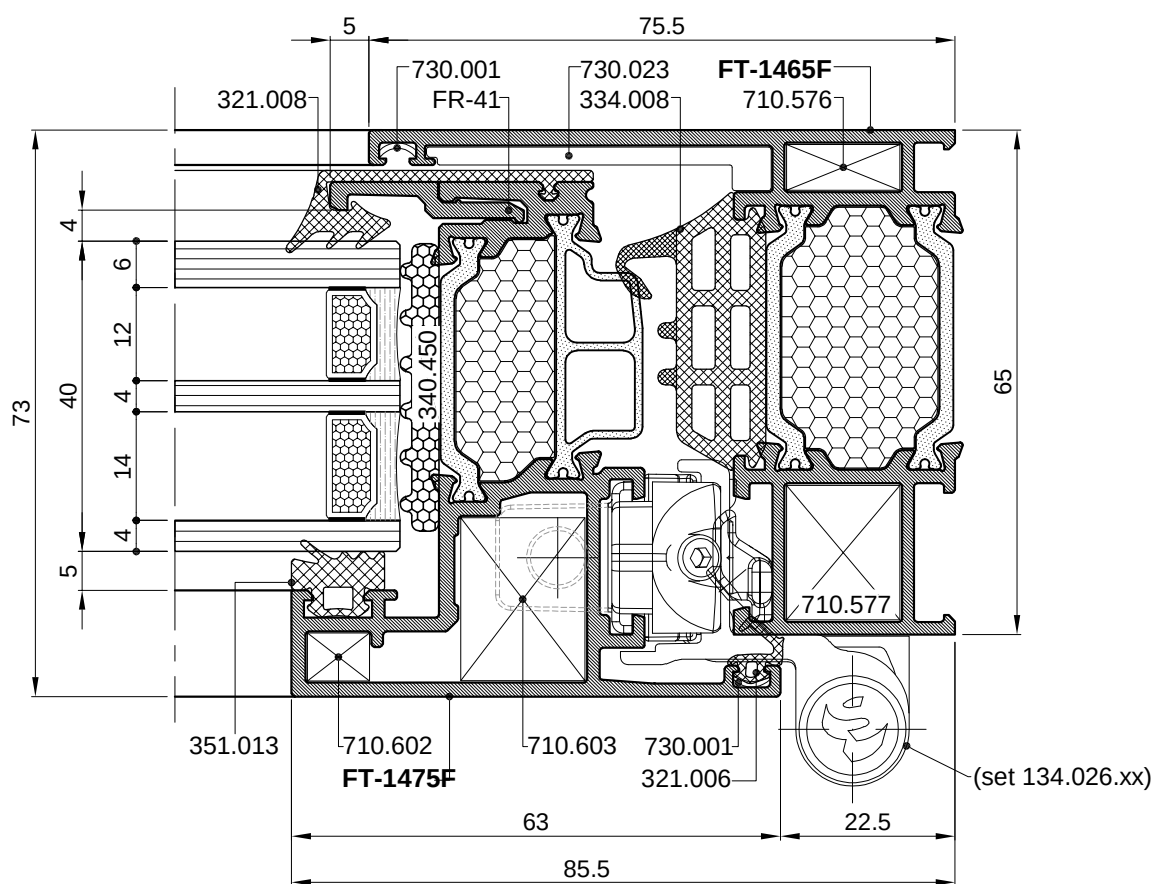
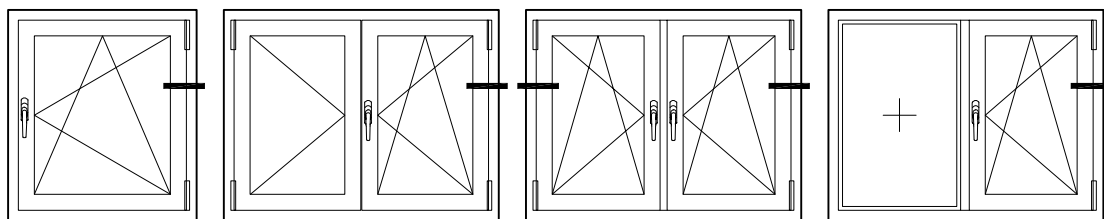
Izvedba profila krila: skriveno krilo  
Sash profile design: hidden sash

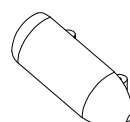
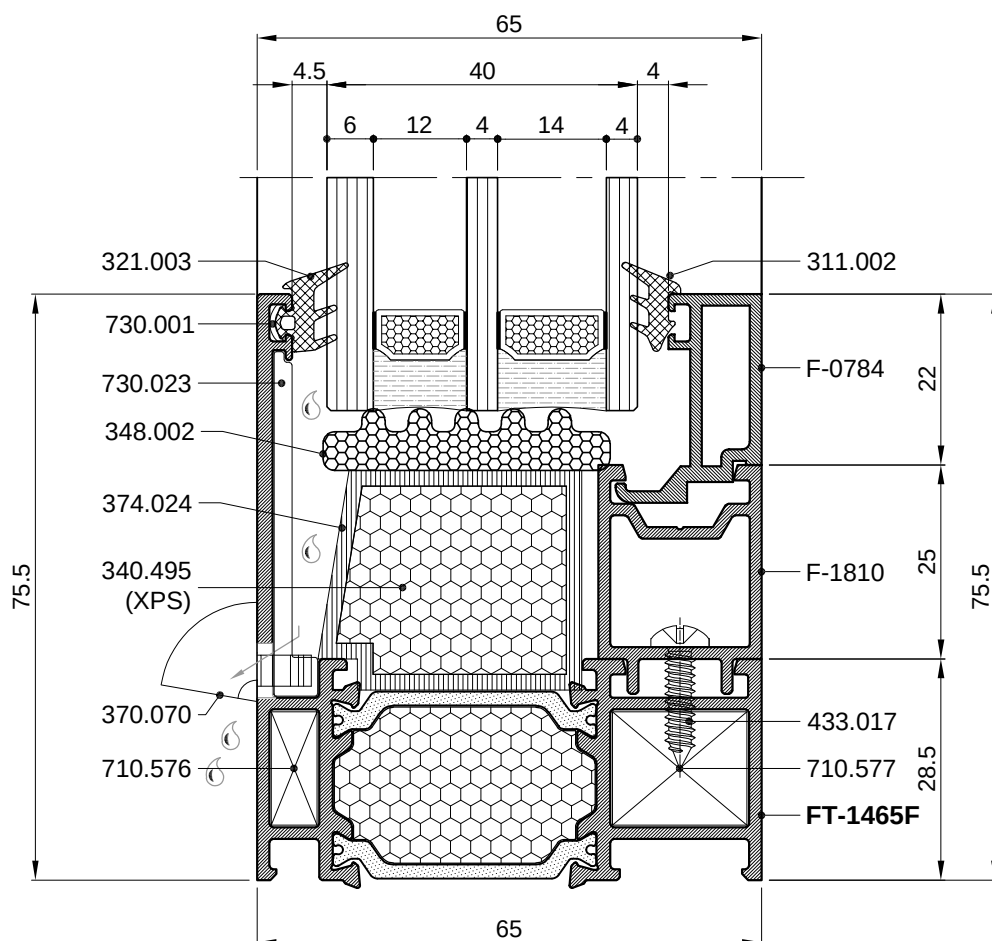
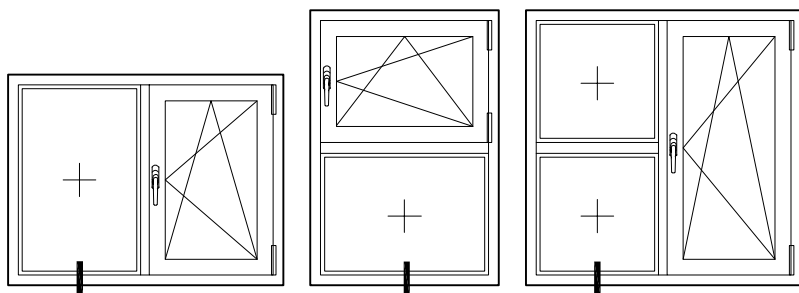




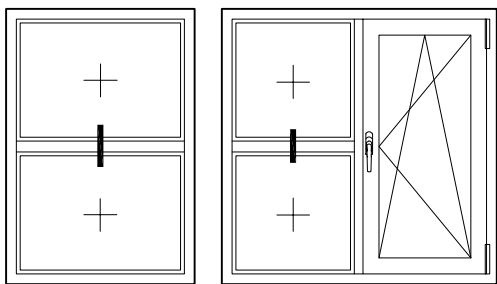




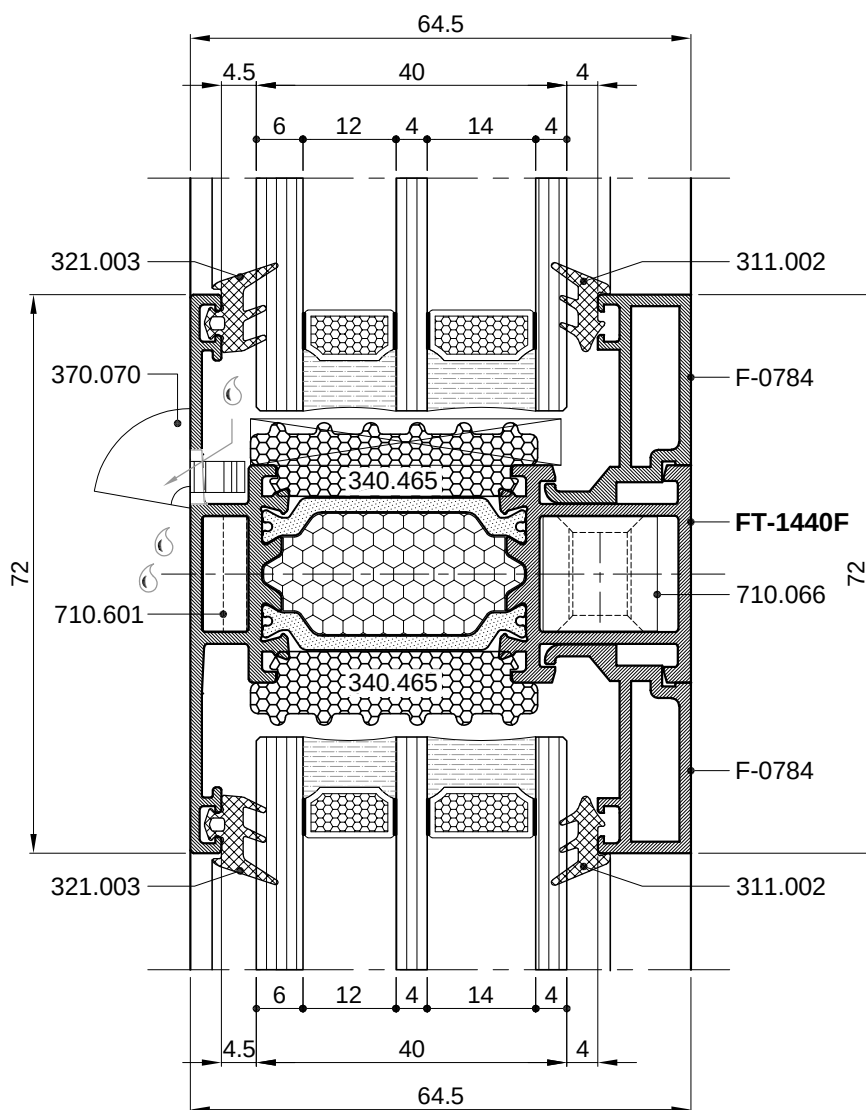


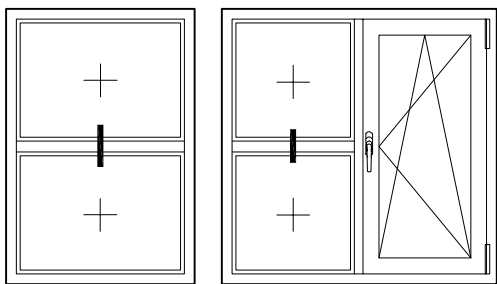


**370.070**  
Maska sa klapnom za  
drenazni otvor.  
Drainage slot mask  
with a flap.

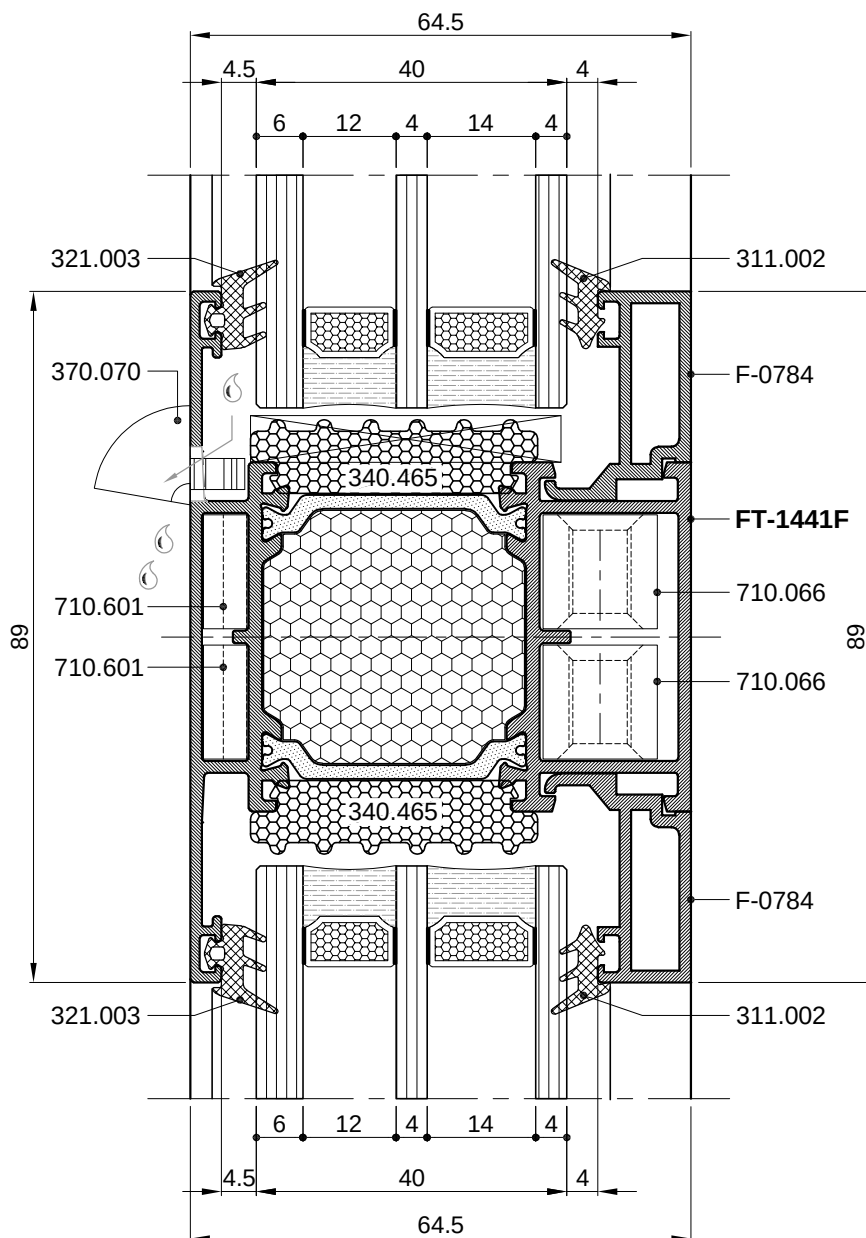


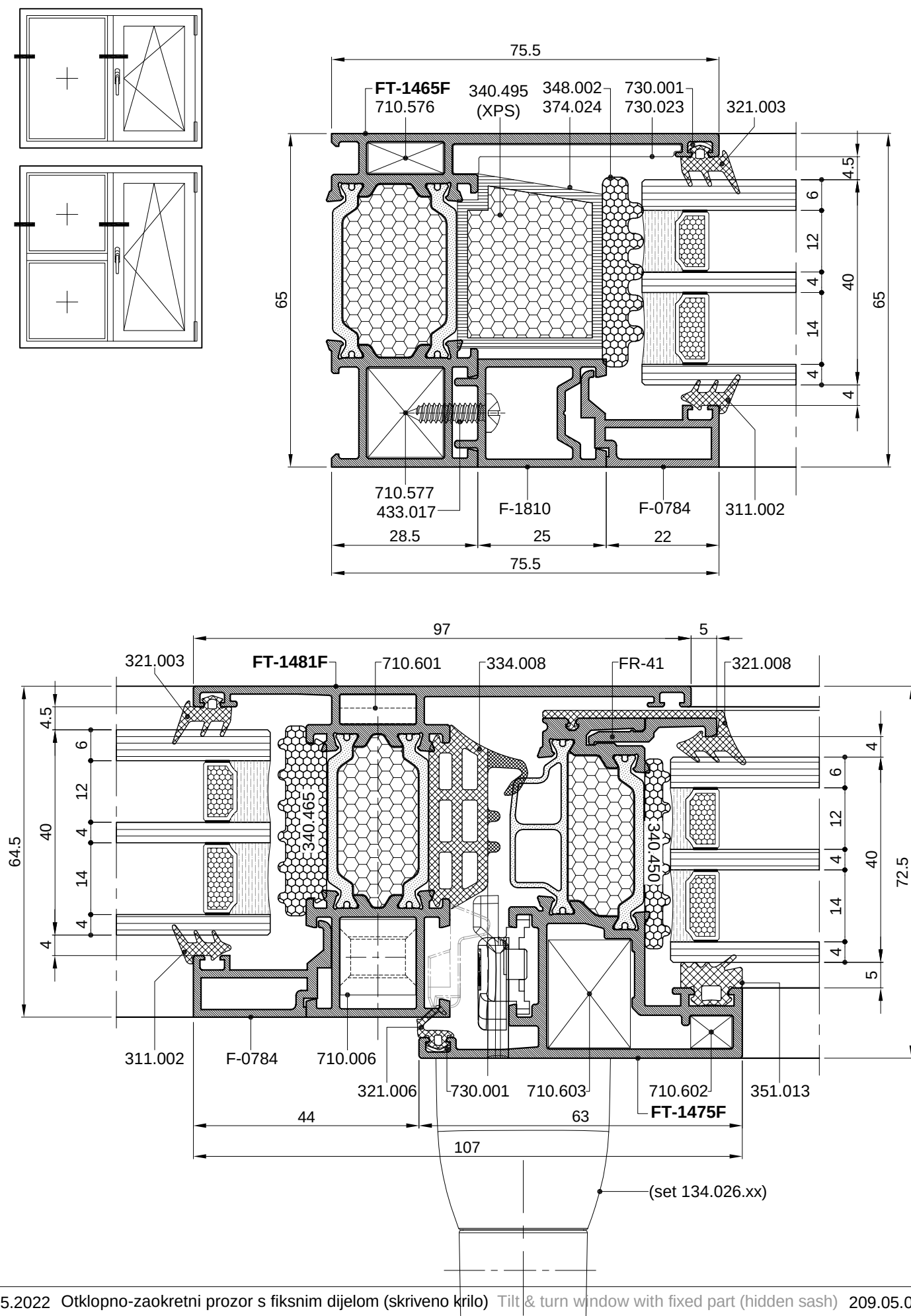
**FT-1440F**  
 Profil prečke 72mm  
 Crossbar profile 72mm

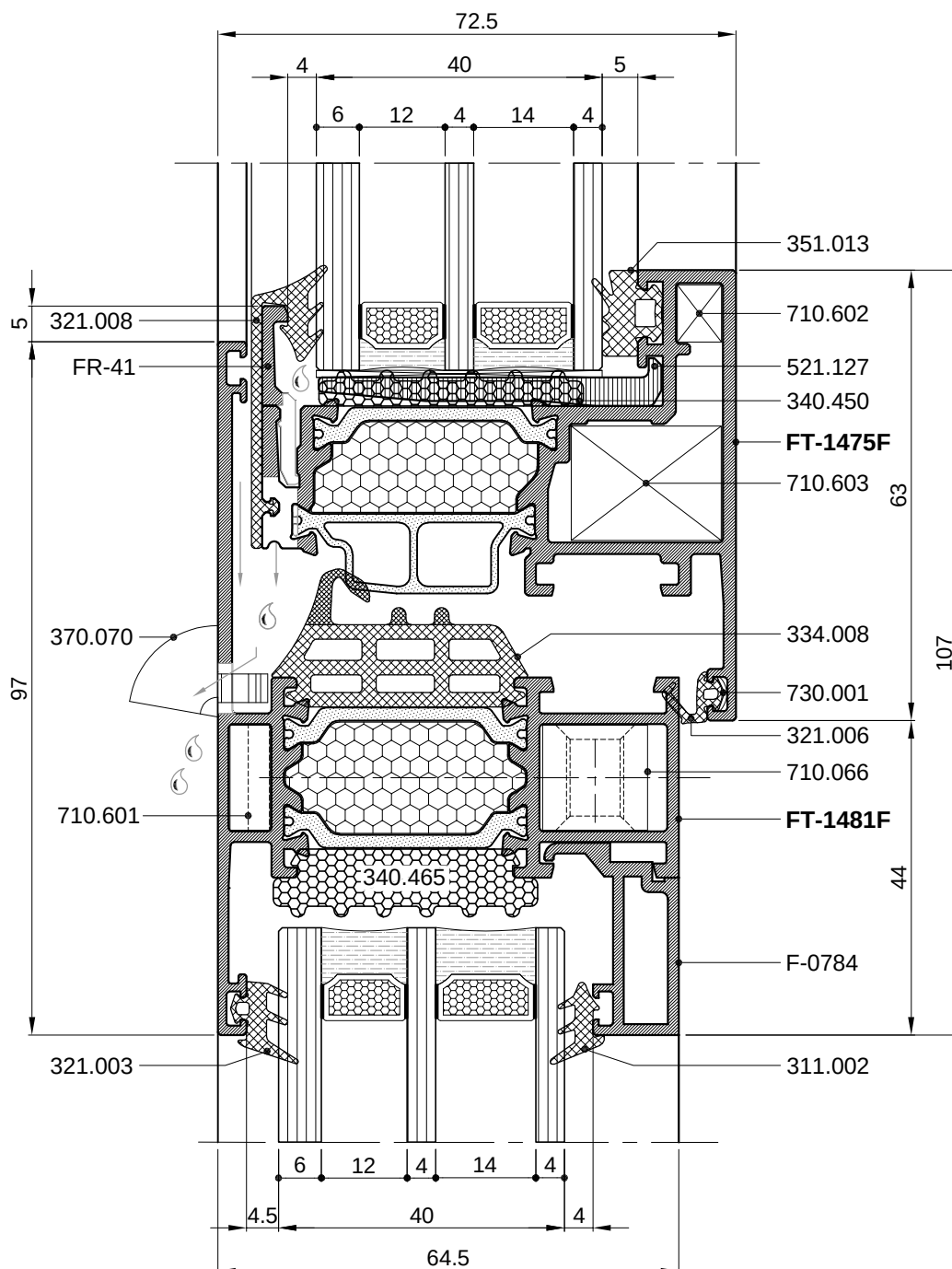
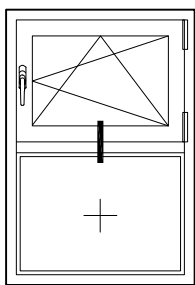


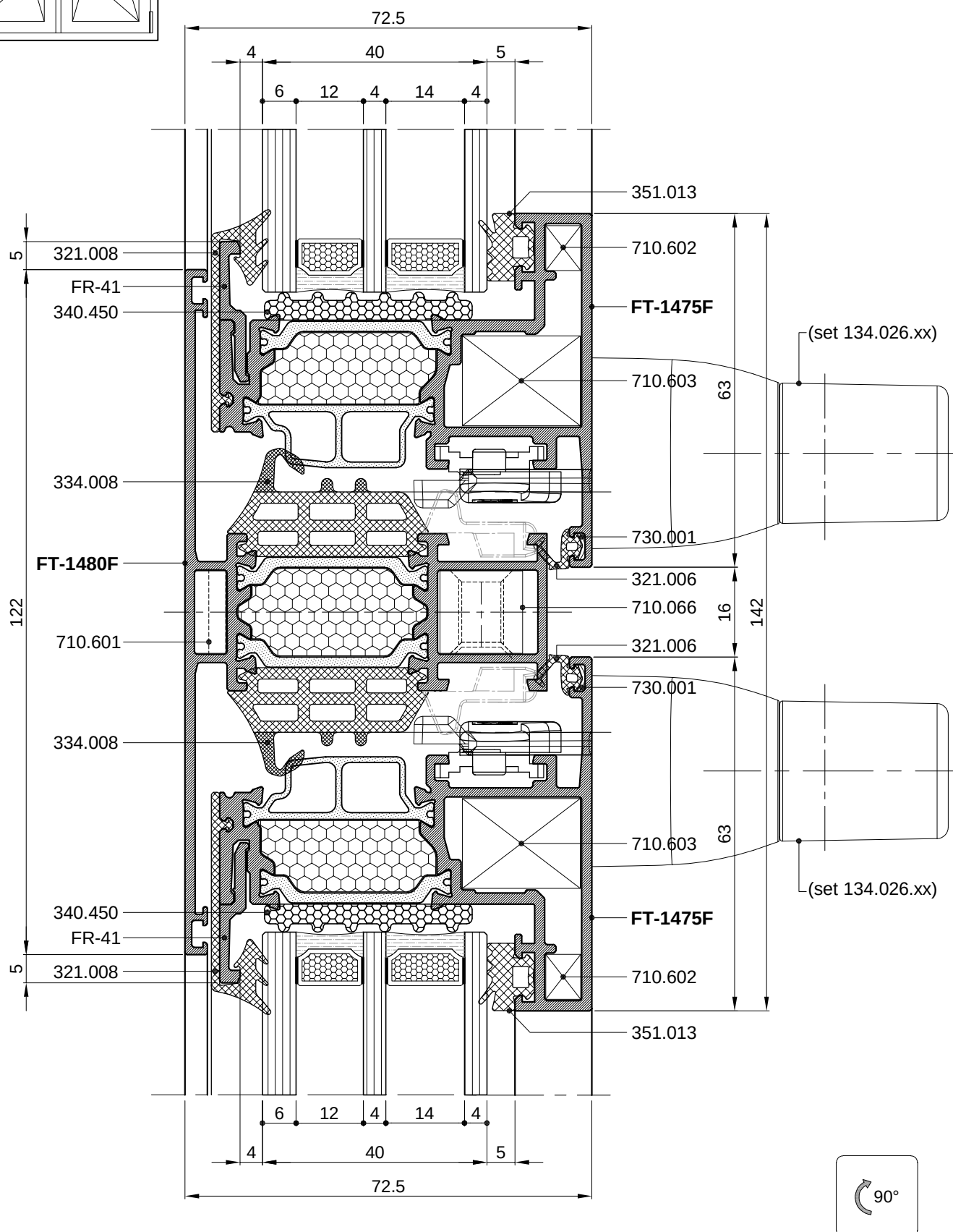
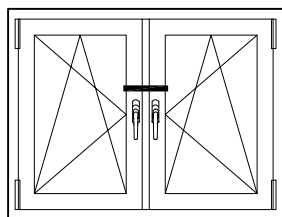


**FT-1441F**  
 Profil prečke 89mm  
 Crossbar profile 89mm

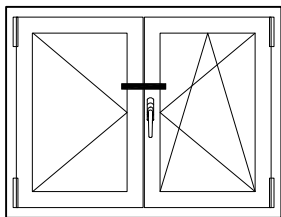




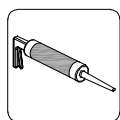
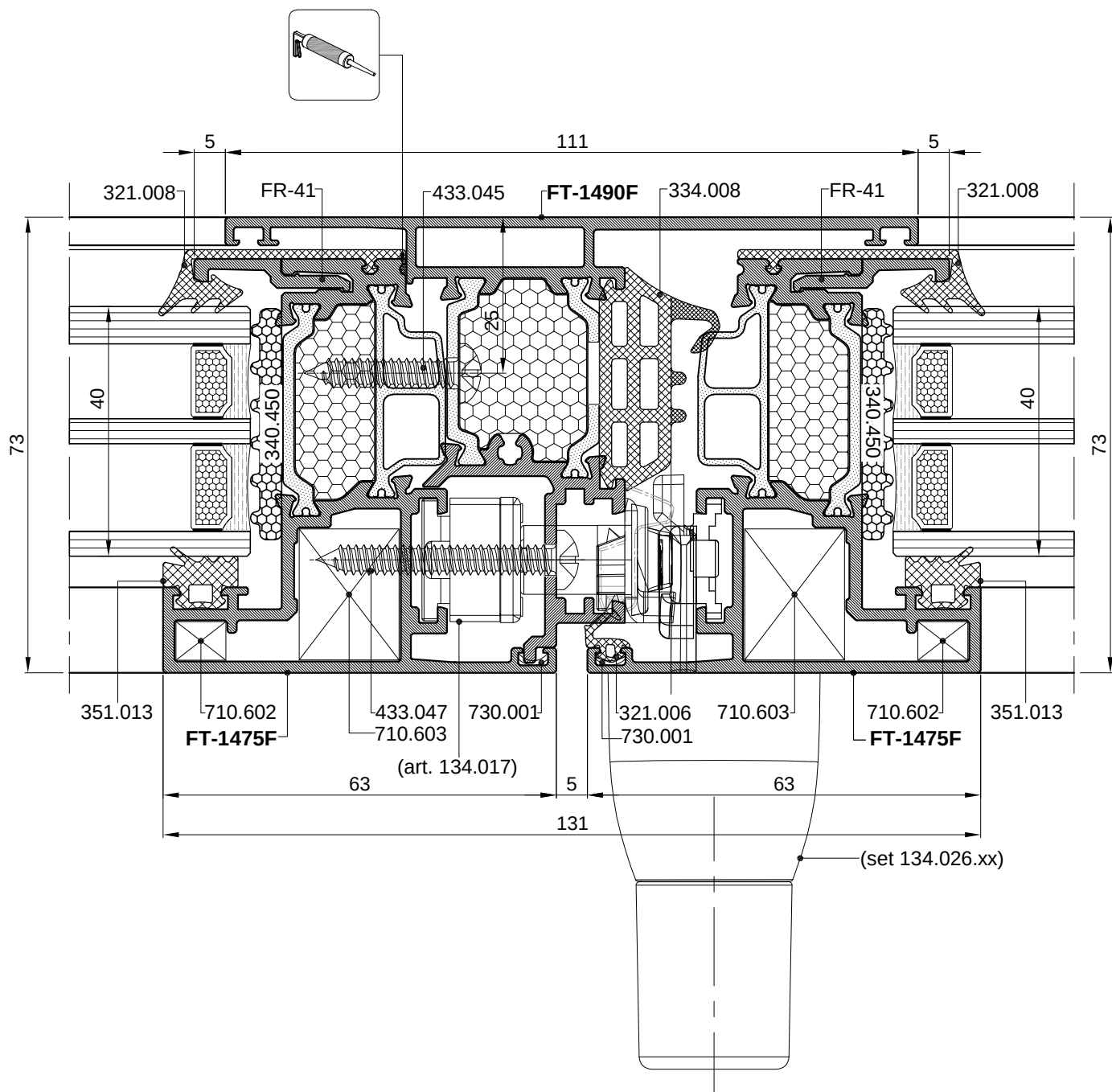




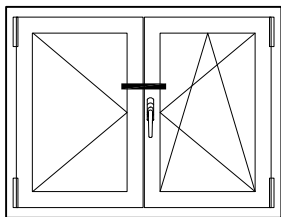




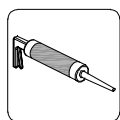
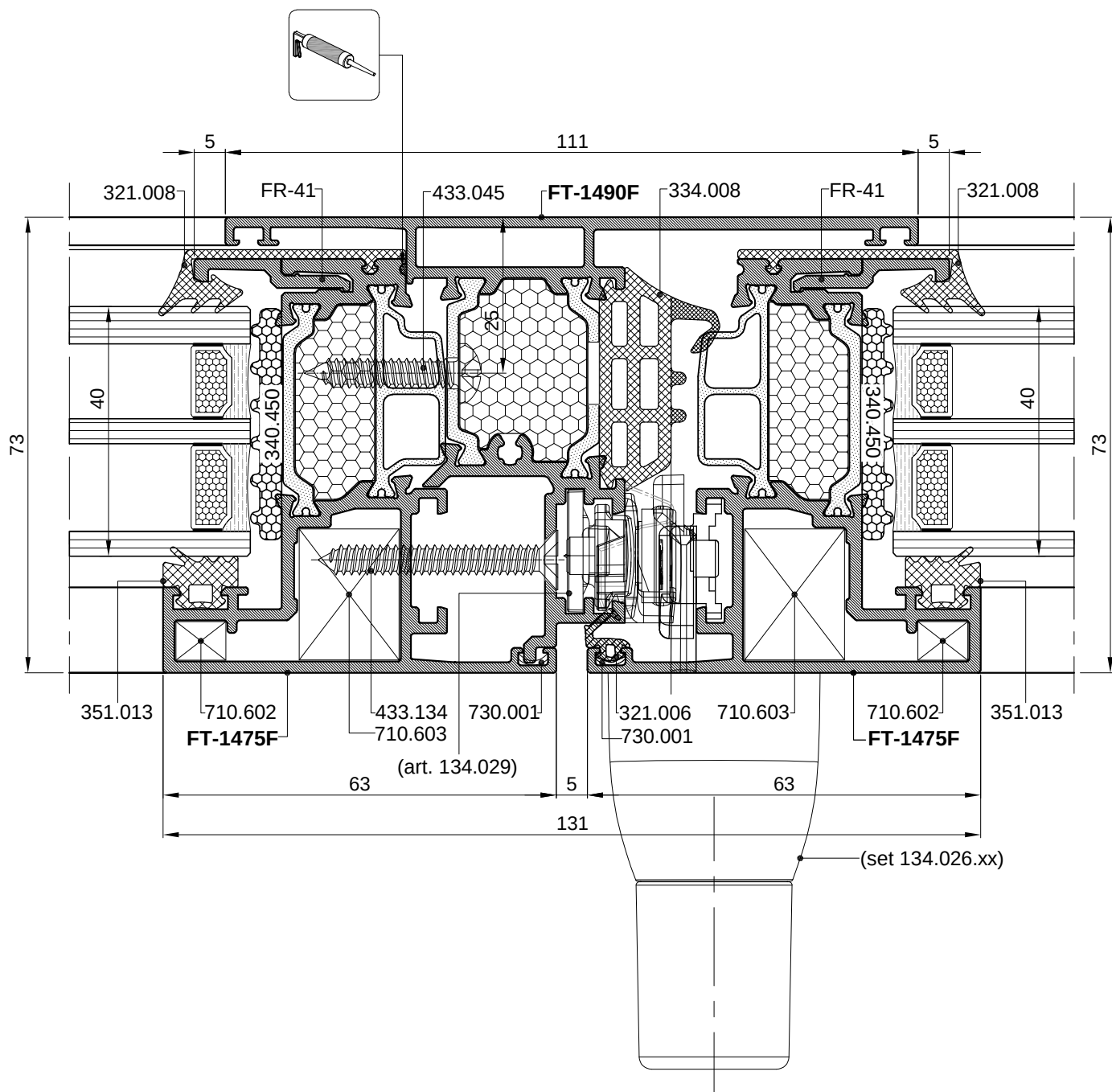
Okov za fiksiranje pomoćnog krila  
(montiranje okova u krilo)  
Locking mechanism for auxiliary sash  
(mechanism in the sash)



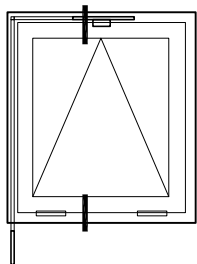
lijepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



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

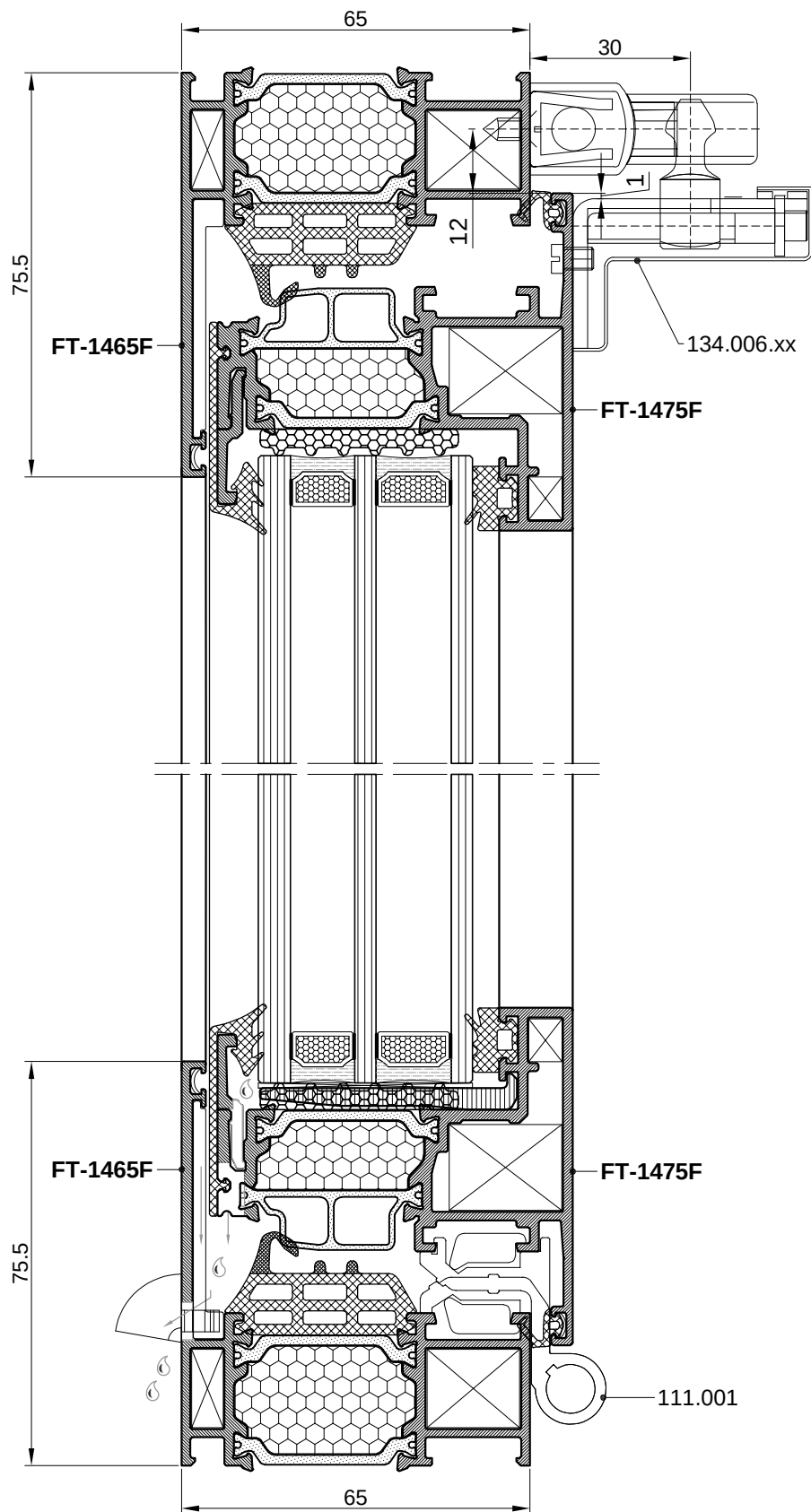
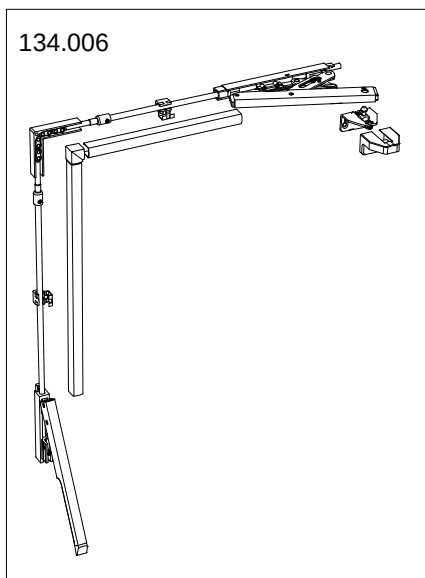


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



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

134.006

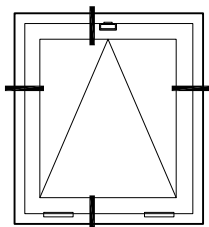


### OTKLOPNI PROZOR - VENTUS

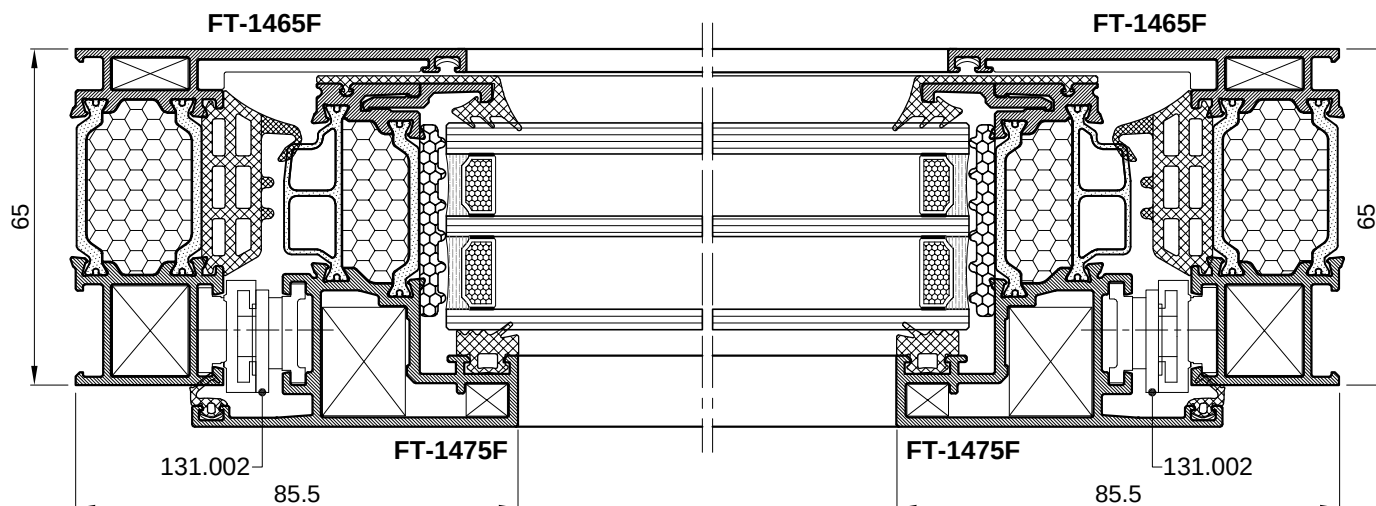
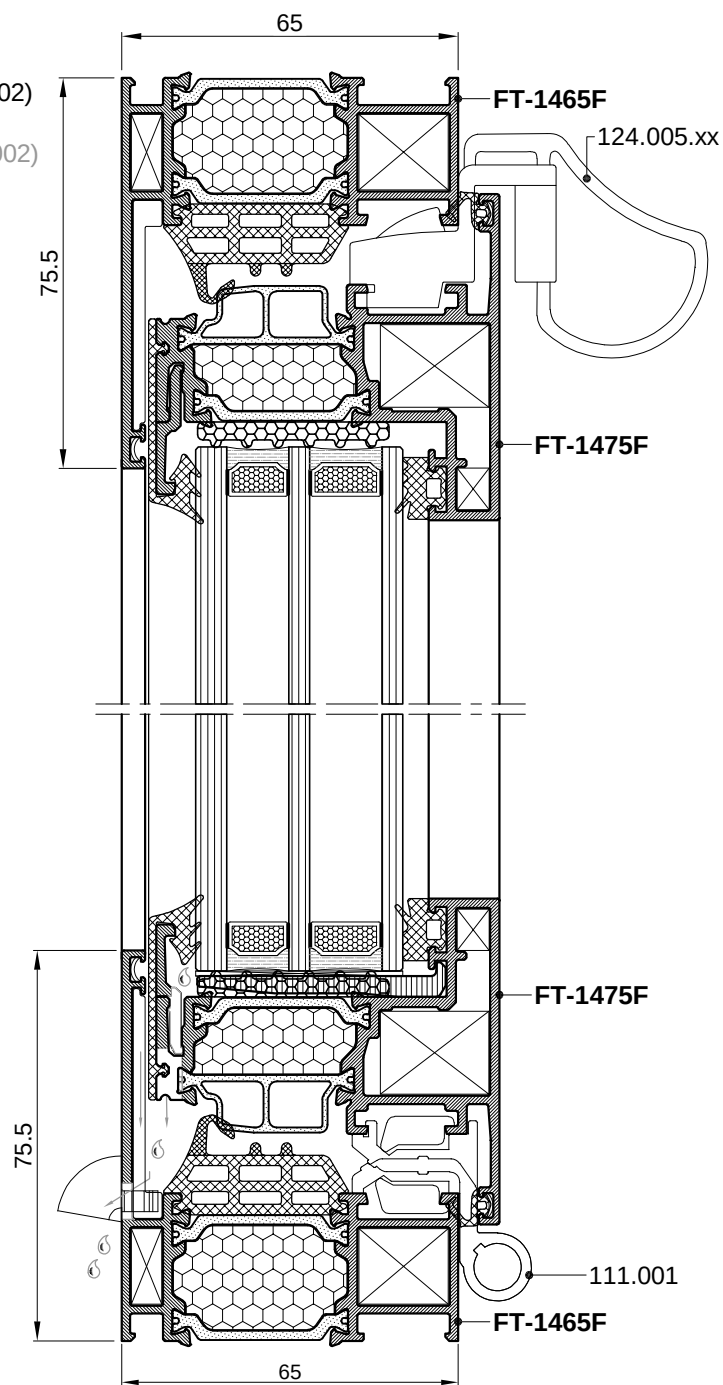
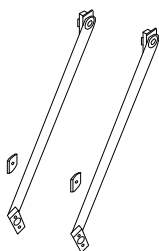
sa bravicom za zatvaranje (124.005.xx) i škarama (131.002)

BOTTOM HUNG WINDOW

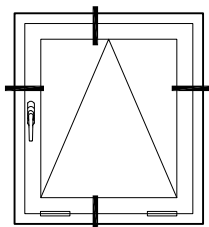
with lock for closing (124.005.xx) and friction stays (131.002)



131.002

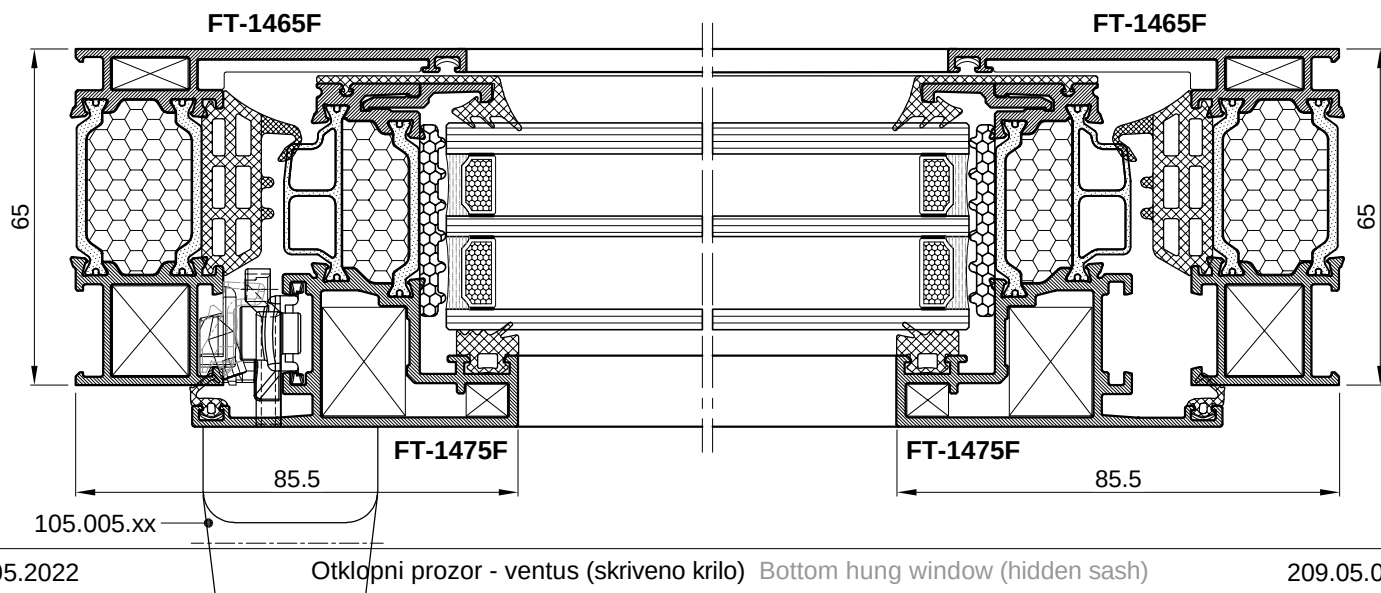
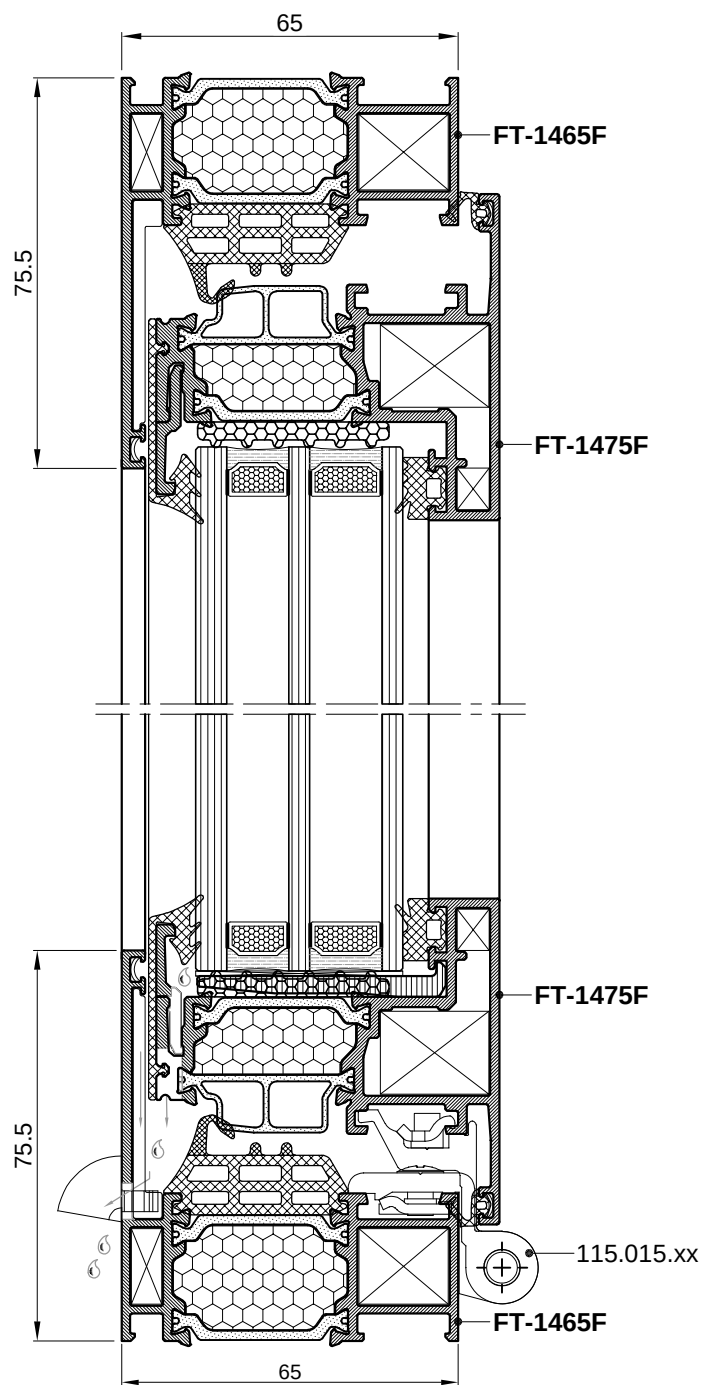
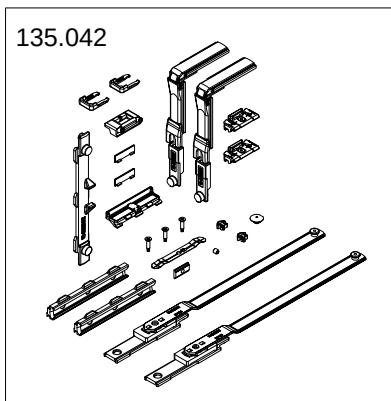


OTKLOPNI PROZOR - VENTUS  
sa ručkom na vertikali  
BOTTOM HUNG WINDOW  
with the handle on the side



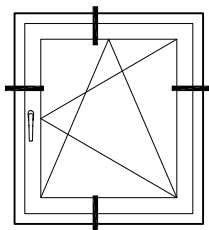
(Mehanizam za otklopni prozor - ventus  
sa ručkom na vertikali - Giesse)  
(Mechanism for bottom hung window  
with the handle on the side - Giesse)

135.042

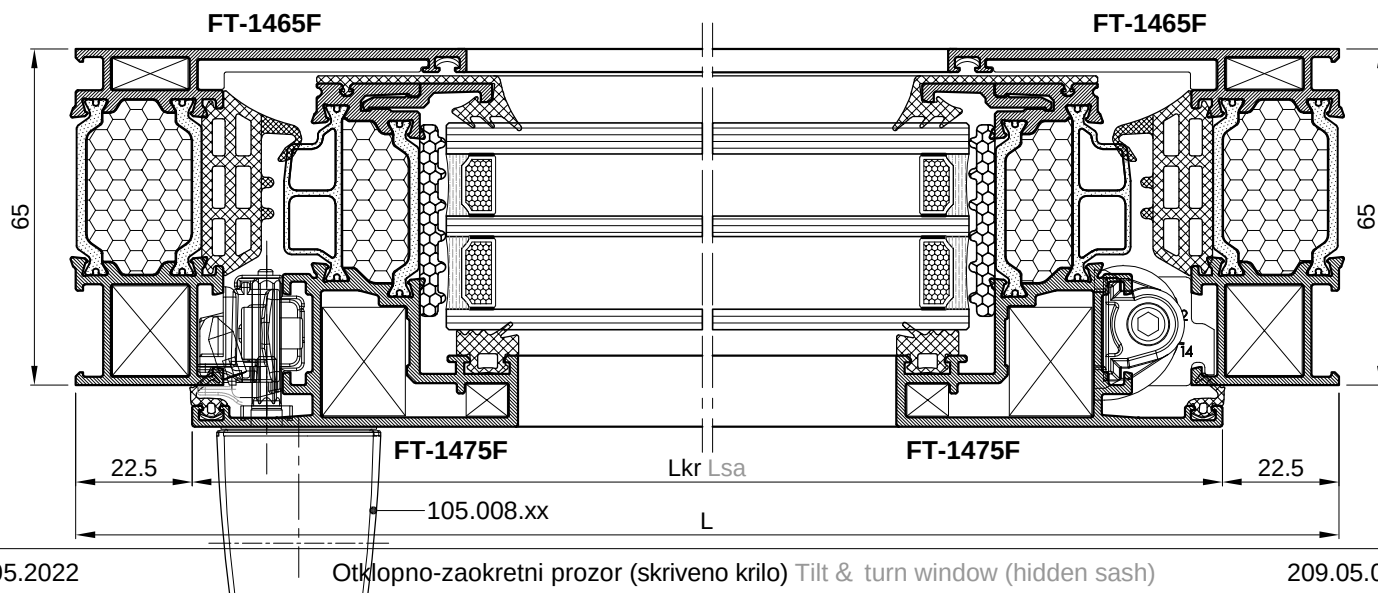
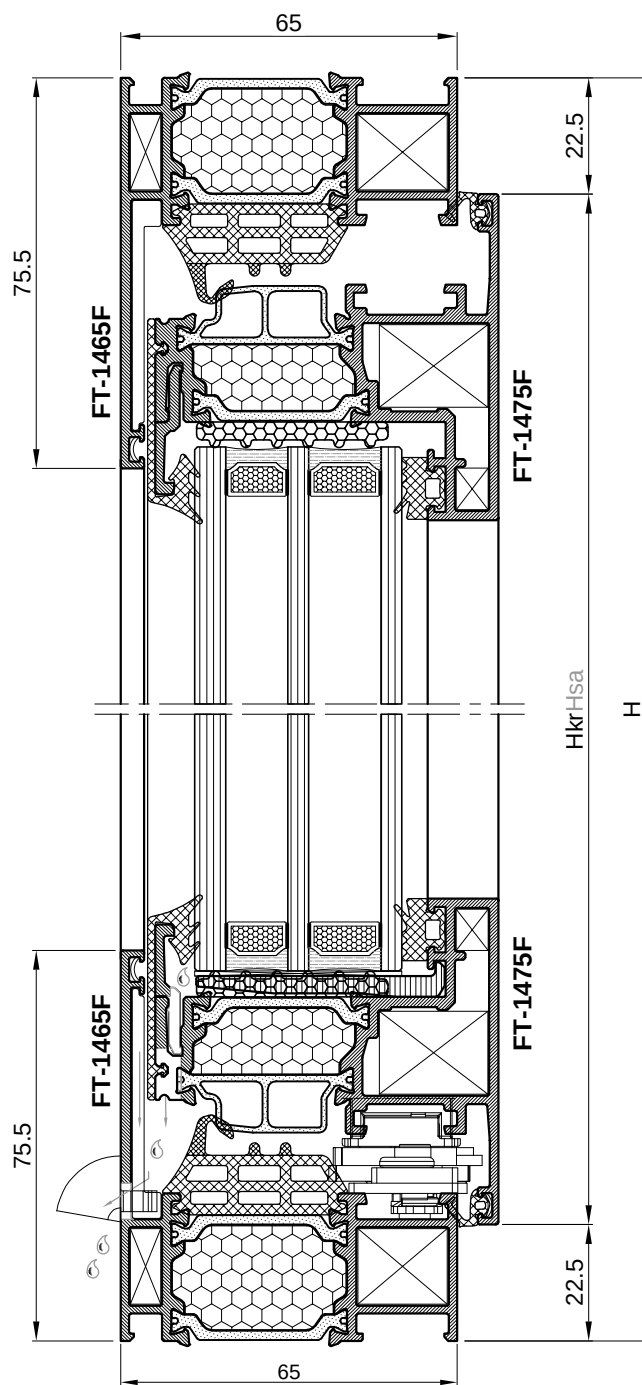




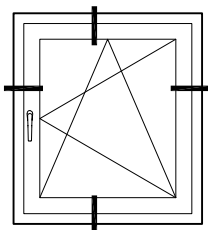
OTKLOPNO ZAOKRETNI PROZOR  
TILT & TURN WINDOW



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

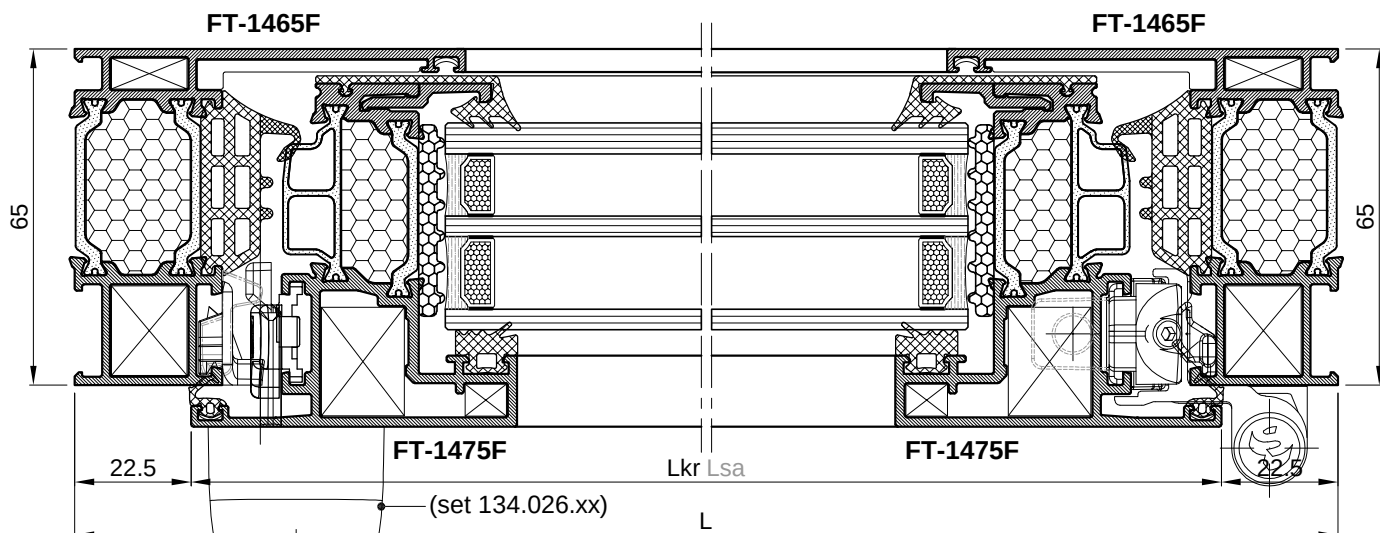
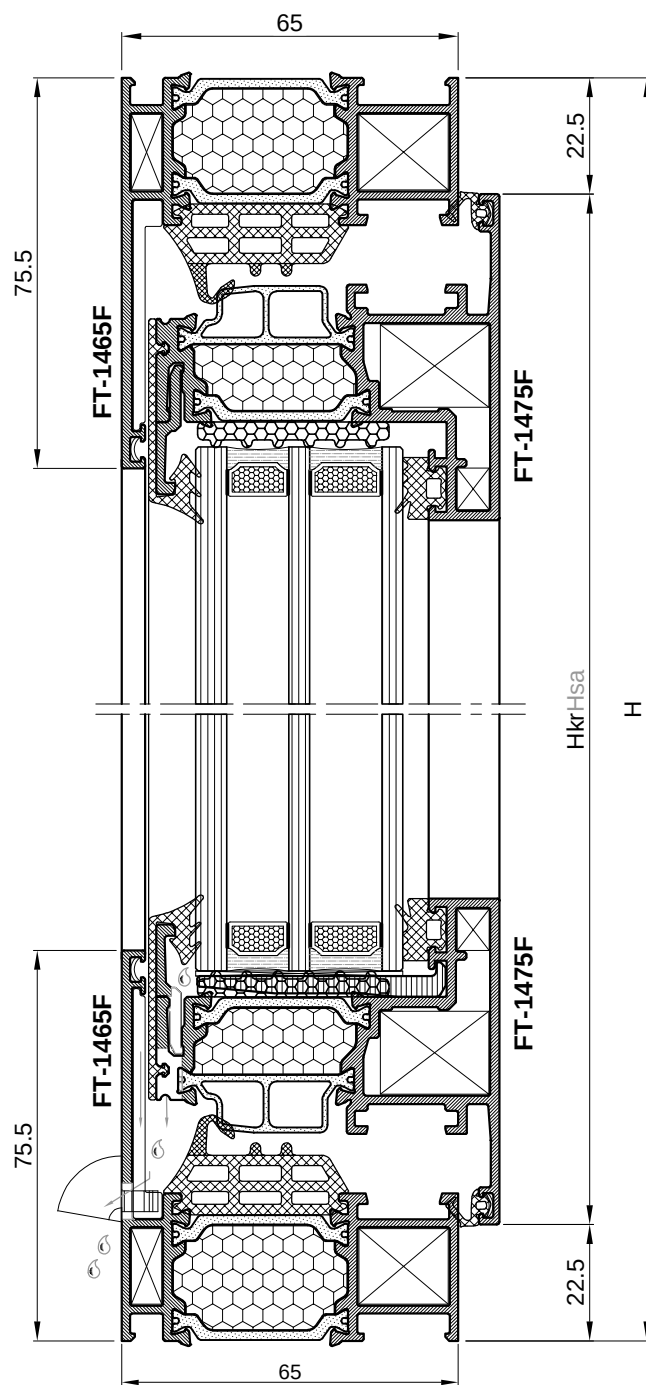
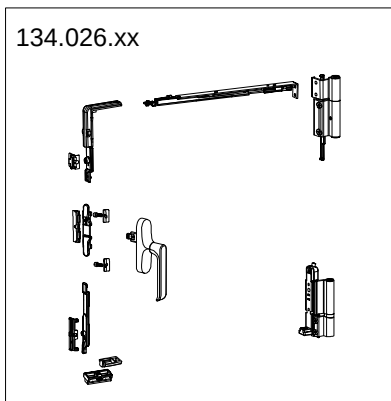


OTKLOPNO ZAOKRETNI PROZOR  
TILT & TURN WINDOW

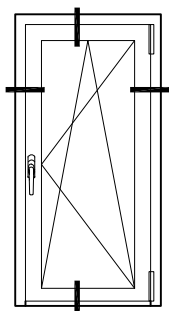


(Otklopno-zaokretni mehanizam- Stublina)  
(Tilt & turn mechanism- Stublina)

134.026.xx

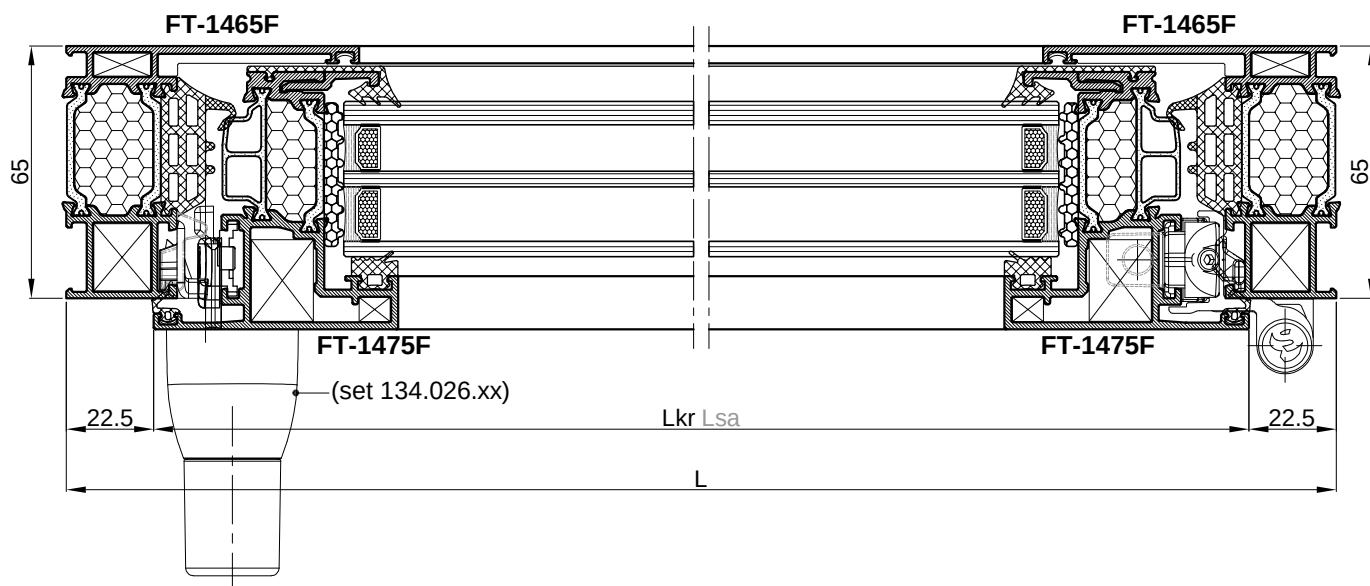
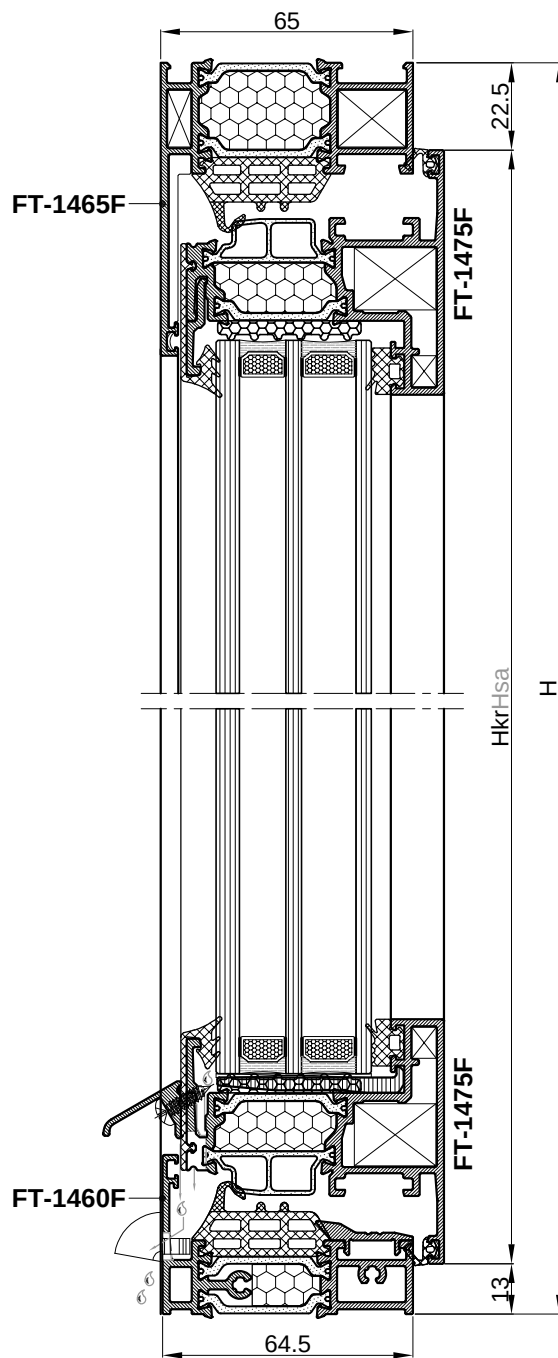
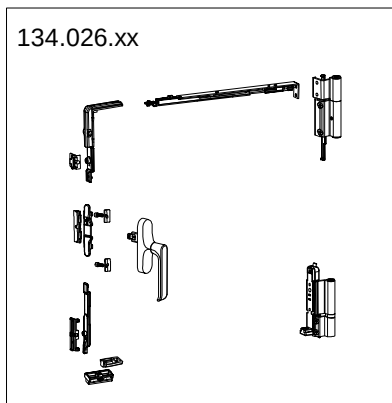


JEDNOKRILNA BALKONSKA VRATA - NISKI PRAG  
SINGLE BALCONY DOOR - LOW THRESHOLD

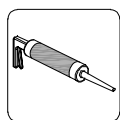
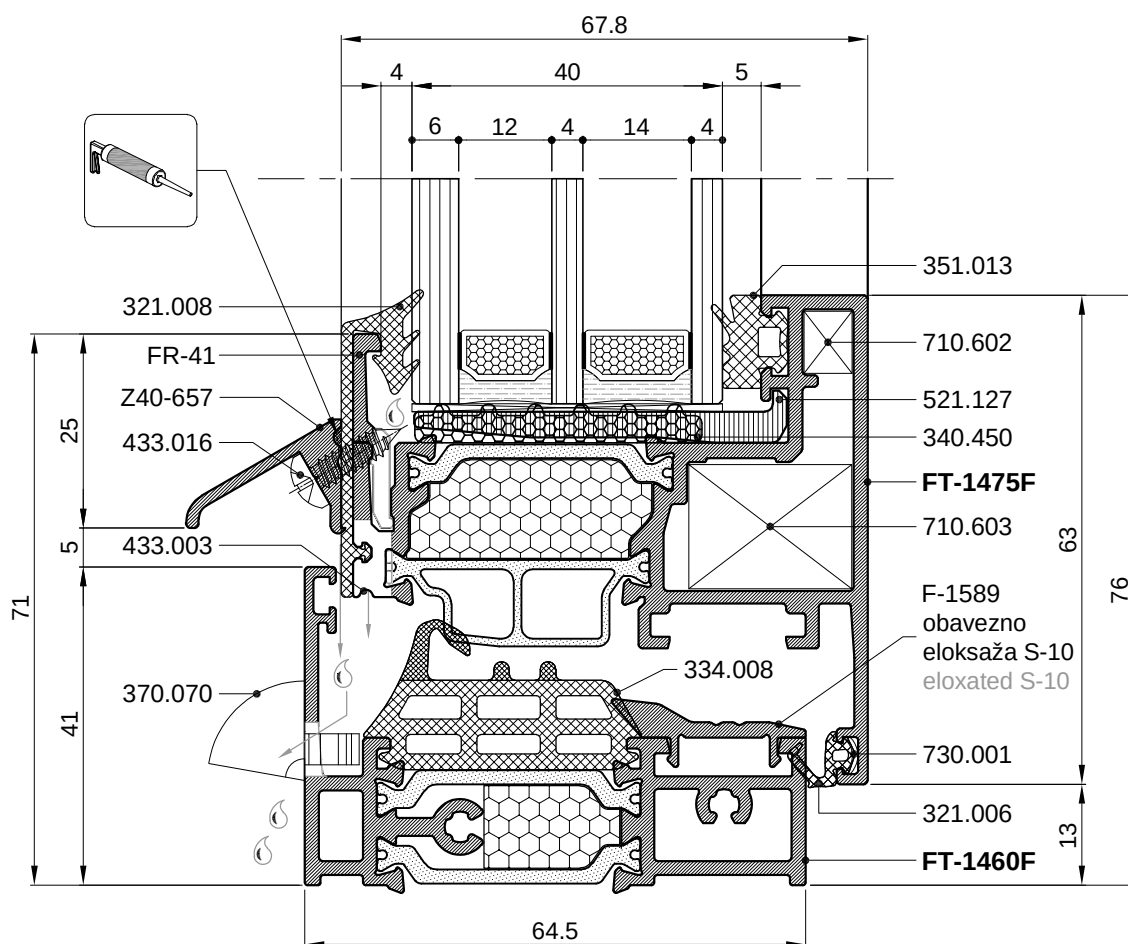
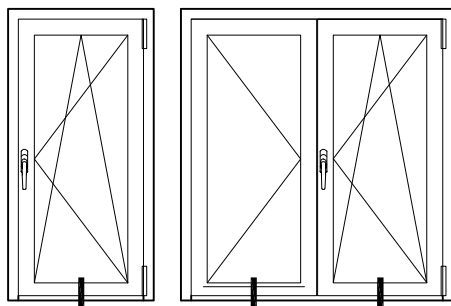


(Otklopno-zaokretni mehanizam- Stublina)  
(Tilt & turn mechanism- Stublina)

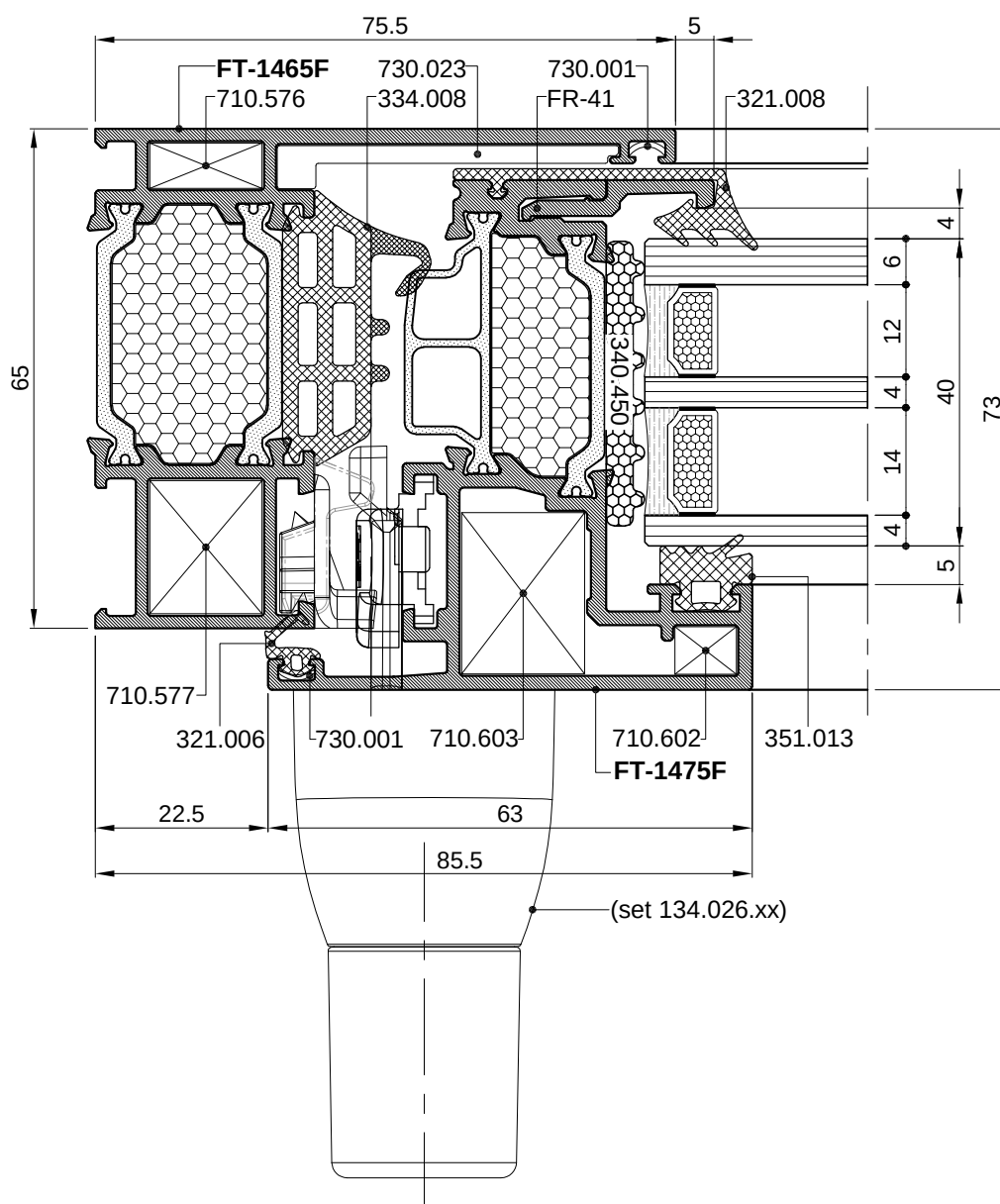
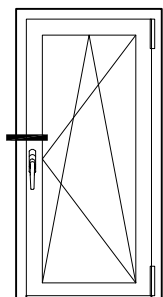
134.026.xx

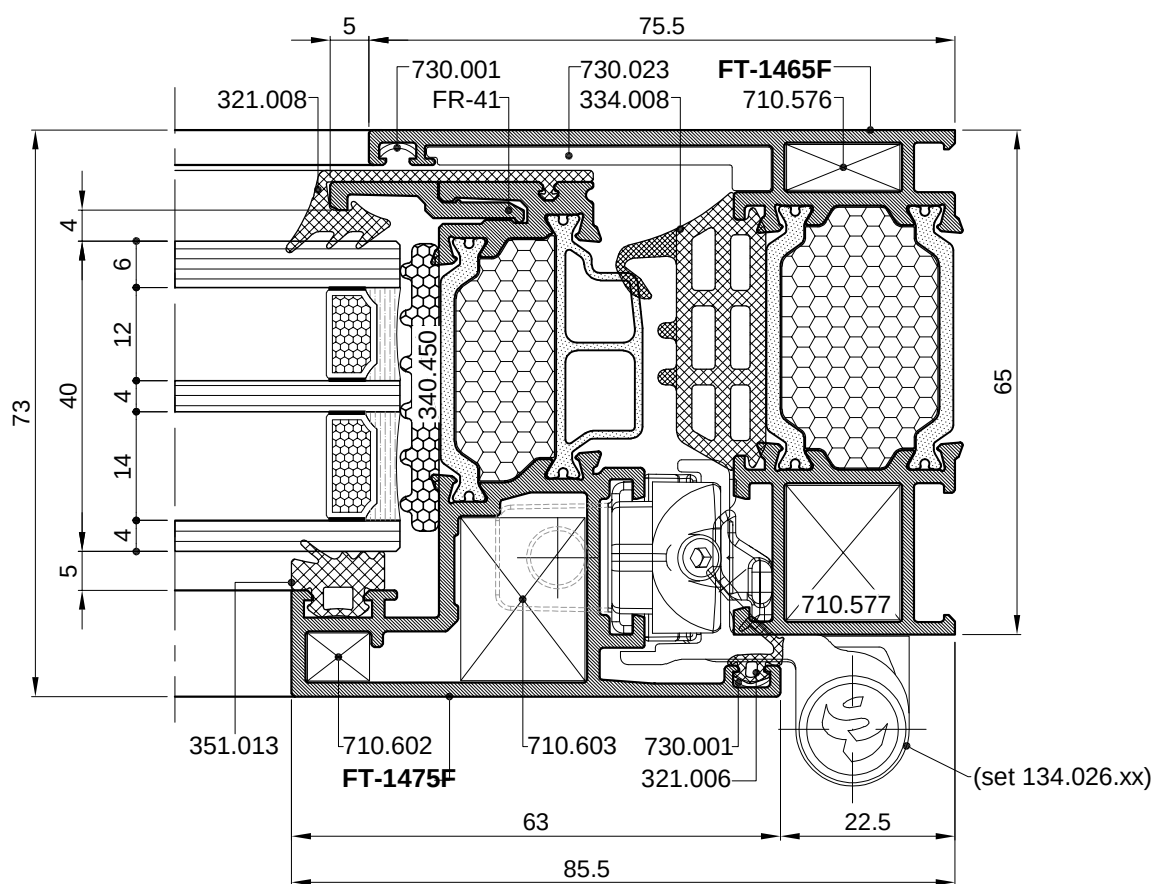
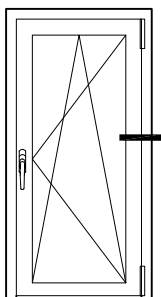


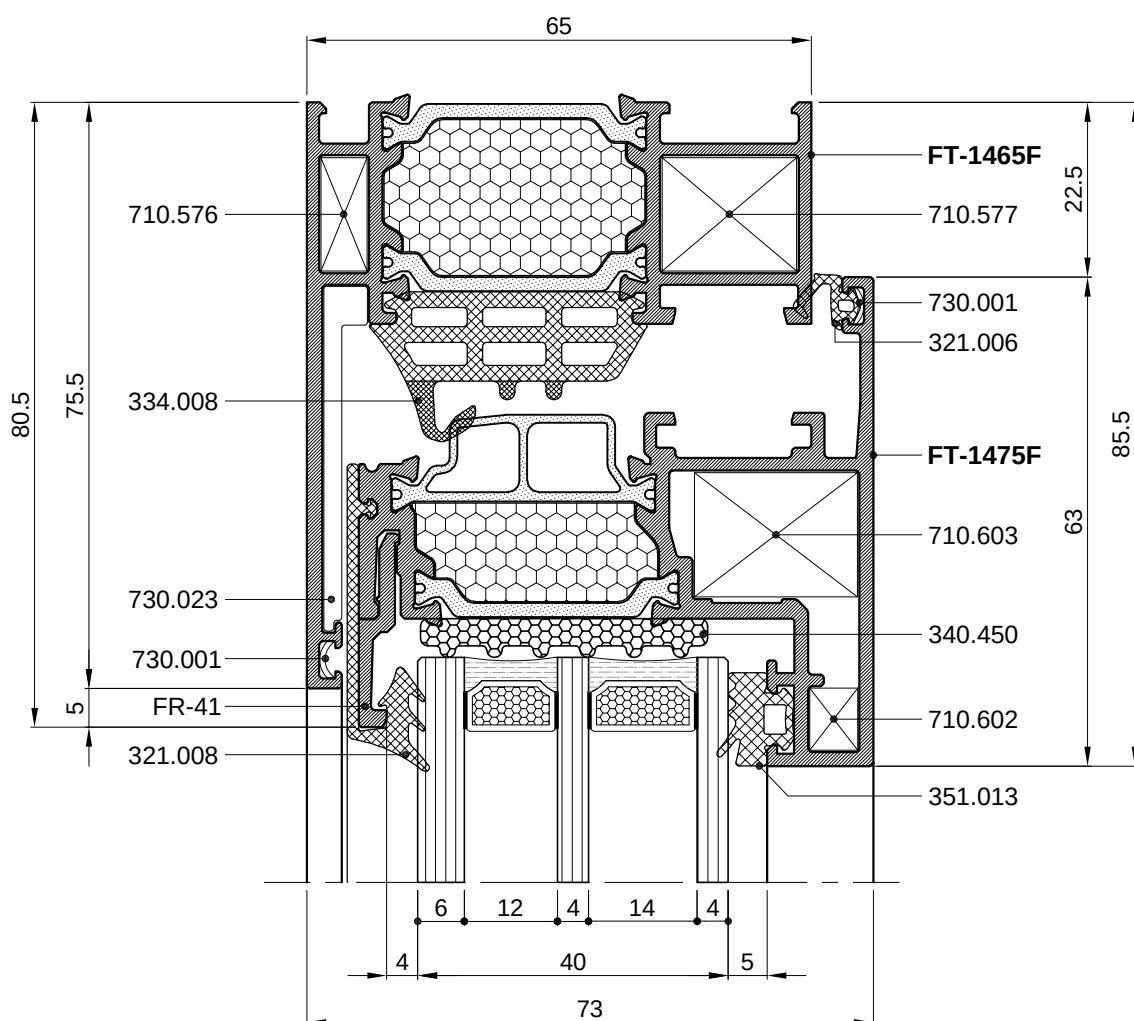
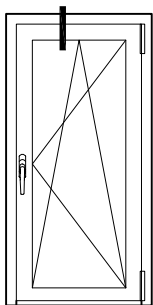


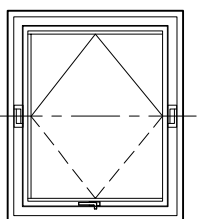
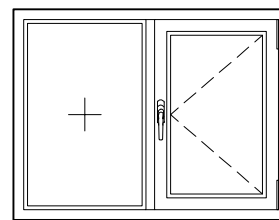
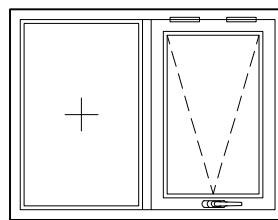
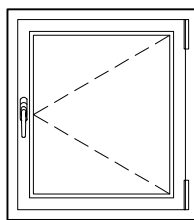
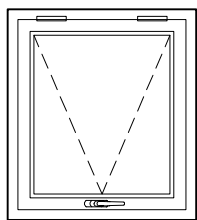


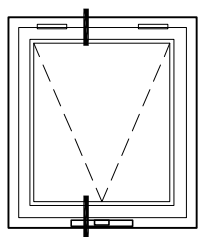
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)





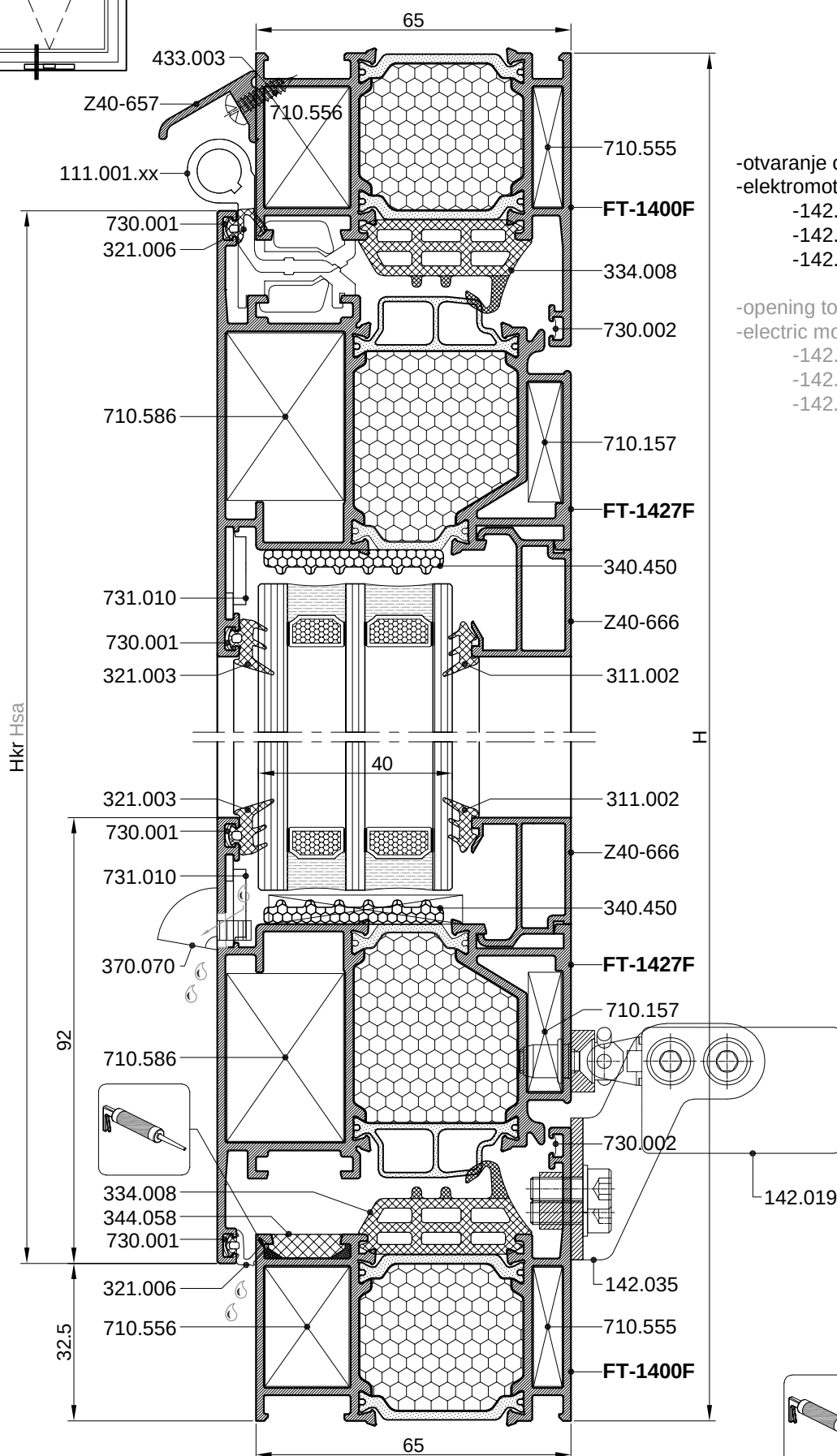






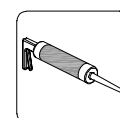
### OTKLOPNI PROZOR - VENTUS sa elektromotorom - otvaranje vani TOP HUNG WINDOW - with electric motor - outwards opening

Krilo : FT-1427F  
Sash : FT-1427F



-otvaranje oko gornje ose  
-elektromotorni pogon  
-142.019 - hod motora 200 mm  
-142.020 - hod motora 300 mm  
-142.021 - hod motora 400 mm

-opening top axis  
-electric motor drive  
-142.019 - throw motor 200 mm  
-142.020 - throw motor 300 mm  
-142.021 - throw motor 400 mm



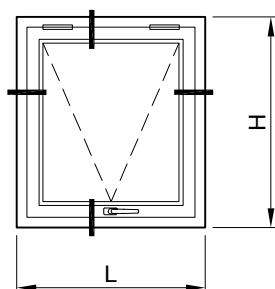
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

Jednokrilni prozor:

- otvaranje vani oko gornje horizontalne osi

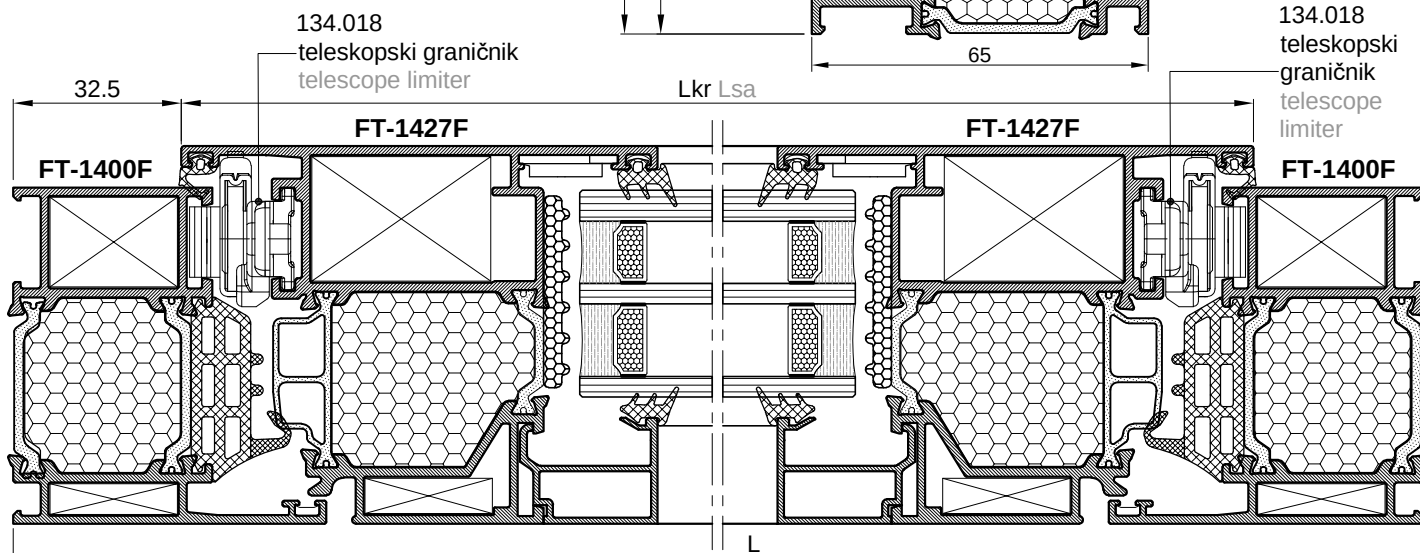
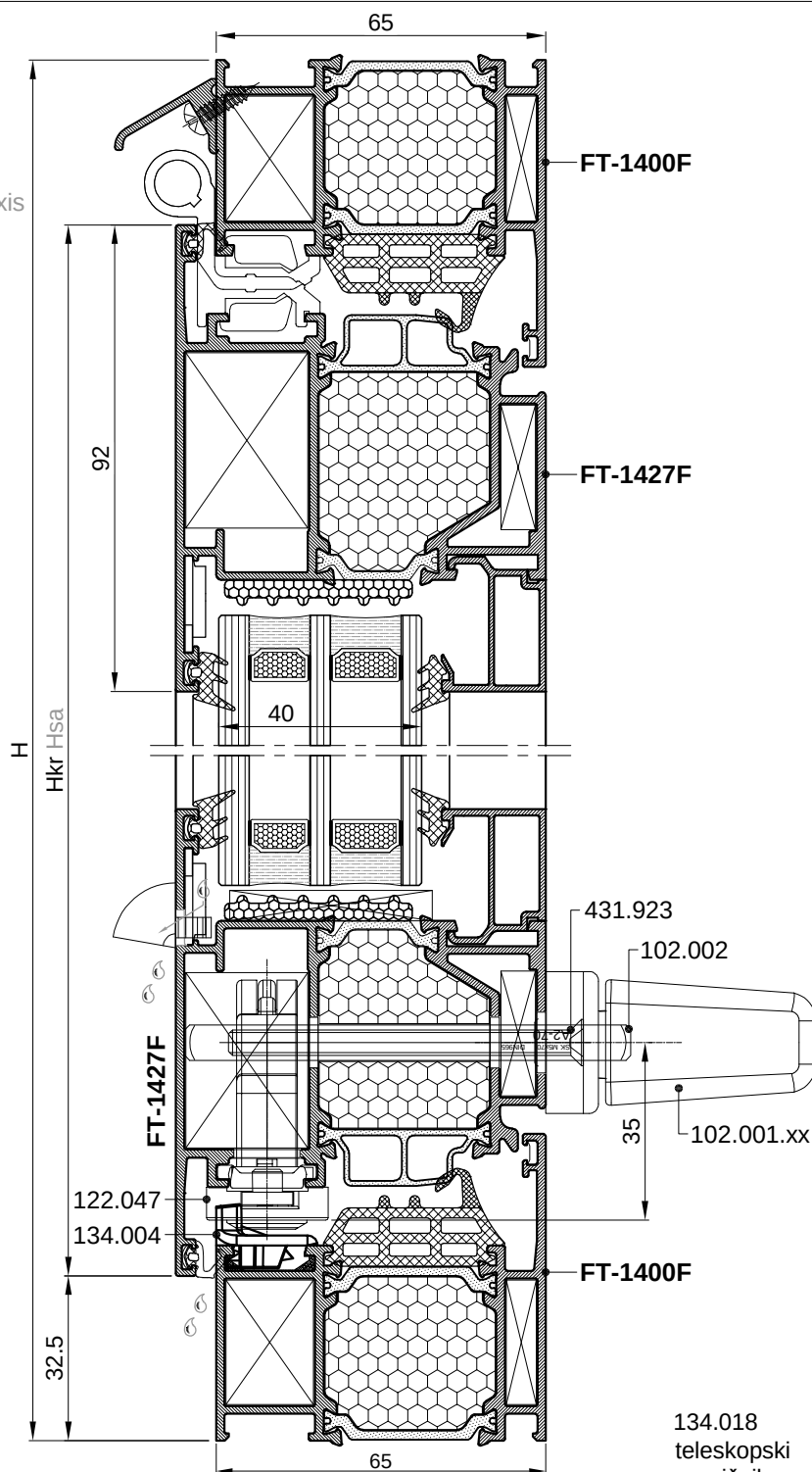
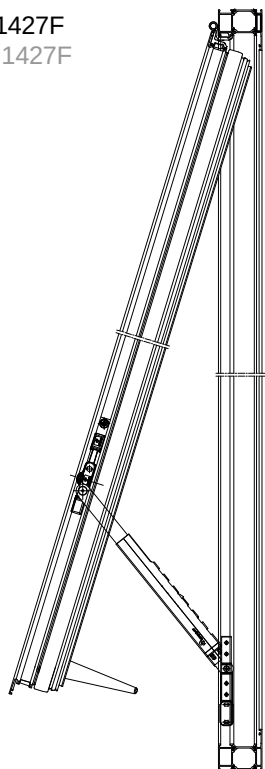
Single window:

- outwards opening around the top horizontal axis

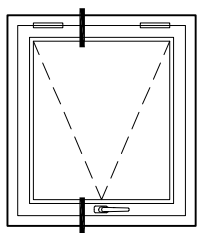


Krilo : FT-1427F

Sash : FT-1427F

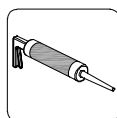
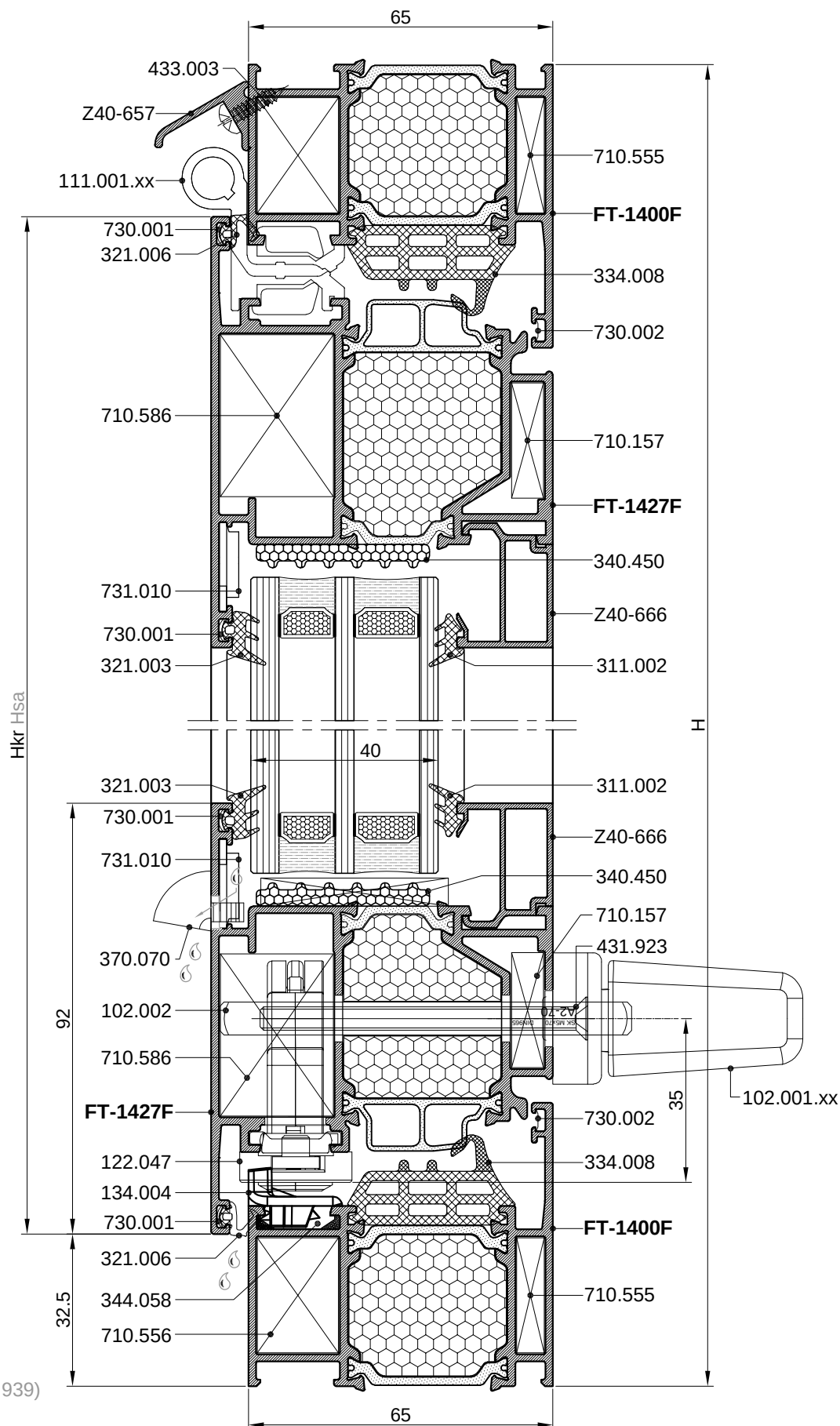






Krilo : FT-1427F  
Sash : FT-1427F

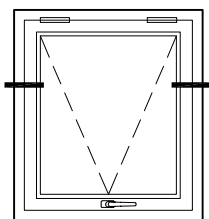
OTKLOPNI PROZOR - VENTUS - otvaranje vani oko gornje horizontalne osi  
TOP HUNG WINDOW - outwards opening around the top horizontally axis



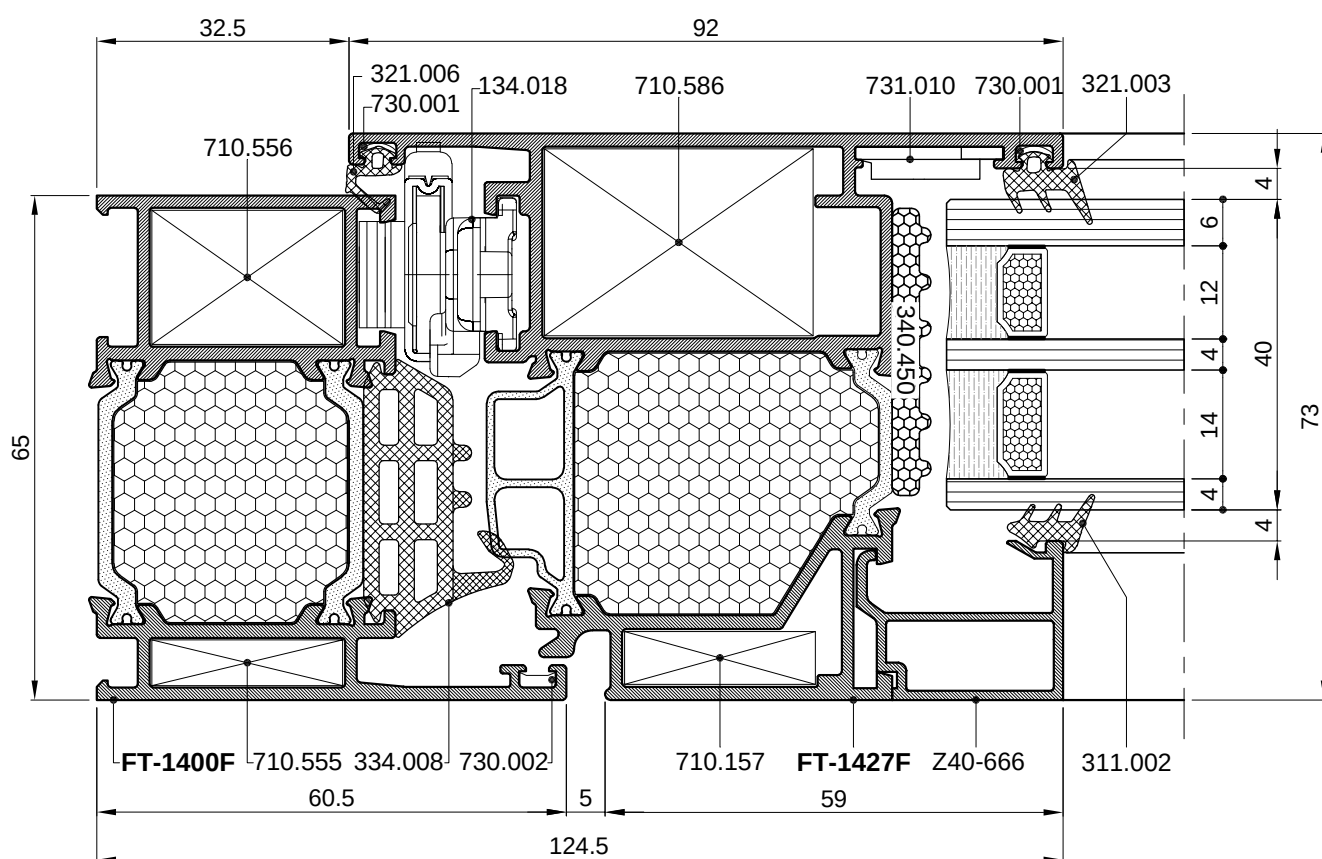
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

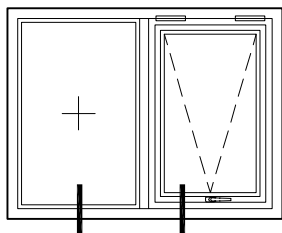


OTKLOPNI PROZOR - VENTUS - otvaranje vani oko gornje horizontalne osi  
TOP HUNG WINDOW - outwards opening around the top horizontal axis



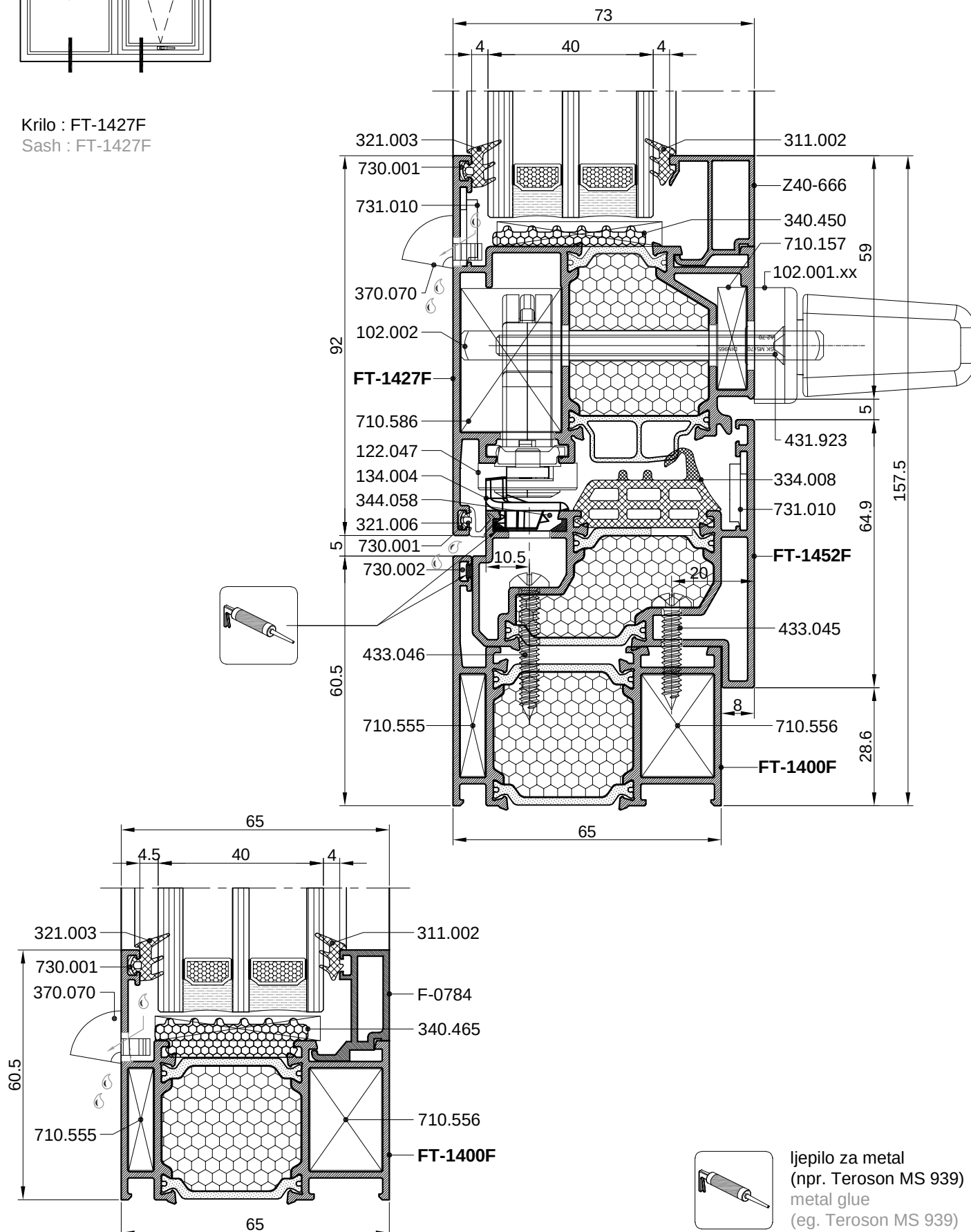
Krilo : FT-1427F  
Sash : FT-1427F

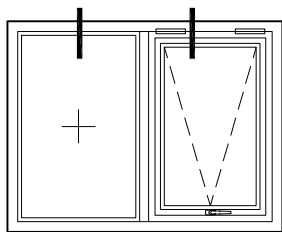




Krilo : FT-1427F  
Sash : FT-1427F

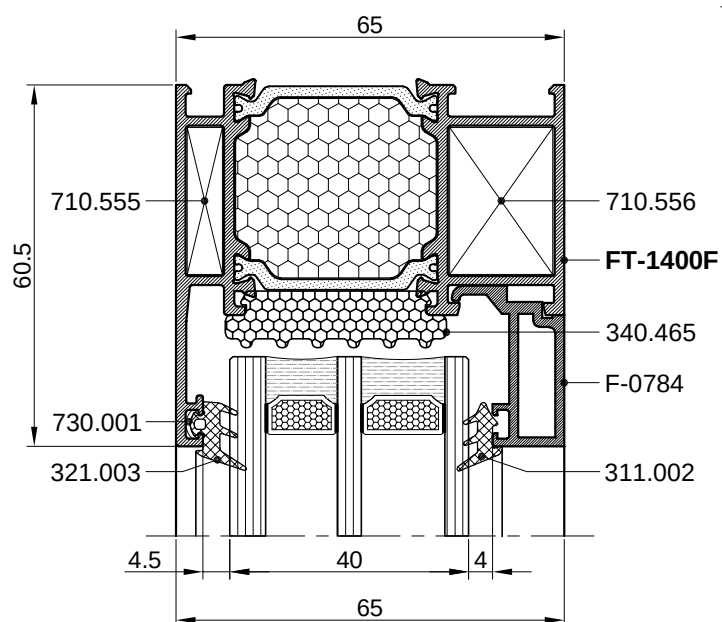
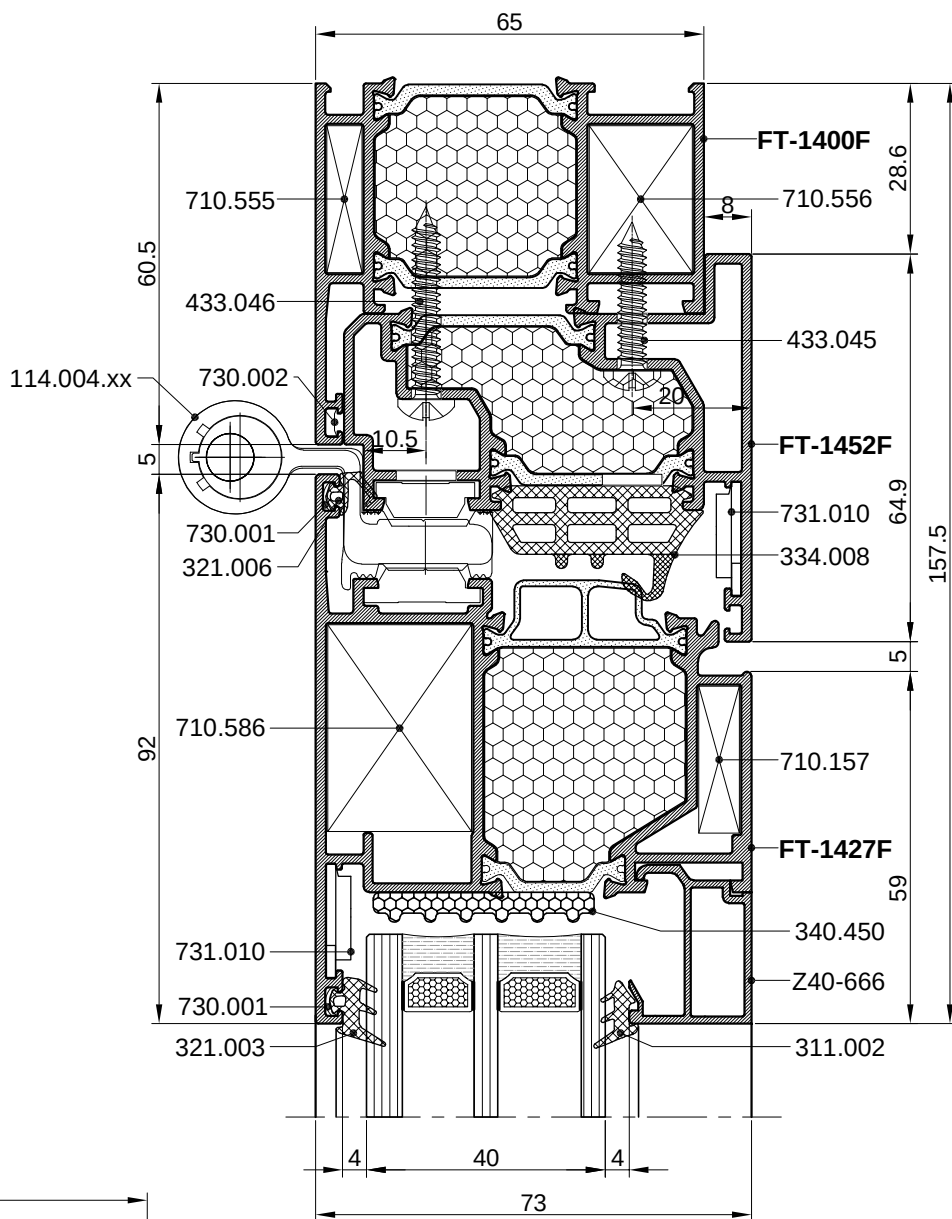
OTKLOPNI PROZOR (VENTUS) S FIKSNIM DIJLOM - otvaranje vani  
TOP HUNG WINDOW WITH FIXED PART - outwards opening

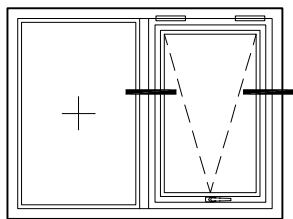




Krilo : FT-1427F  
Sash : FT-1427F

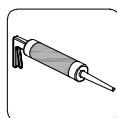
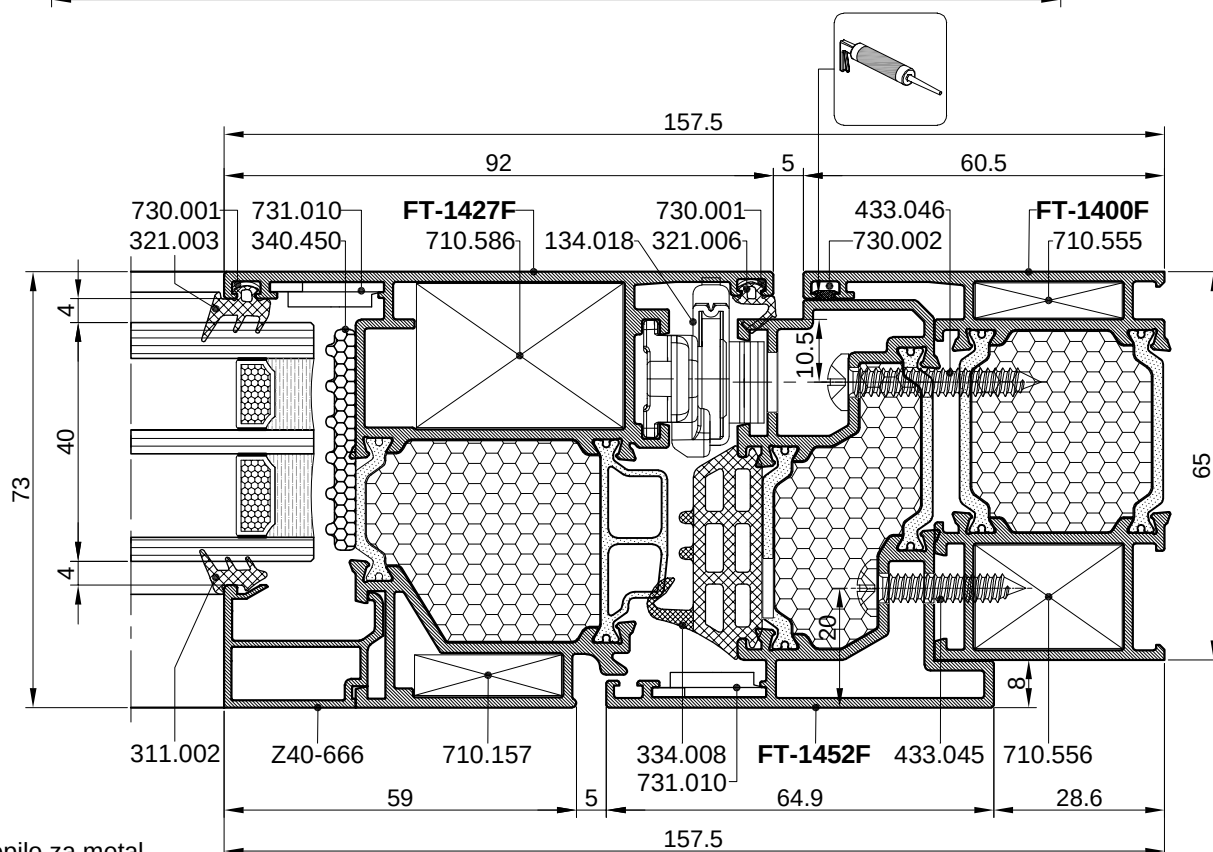
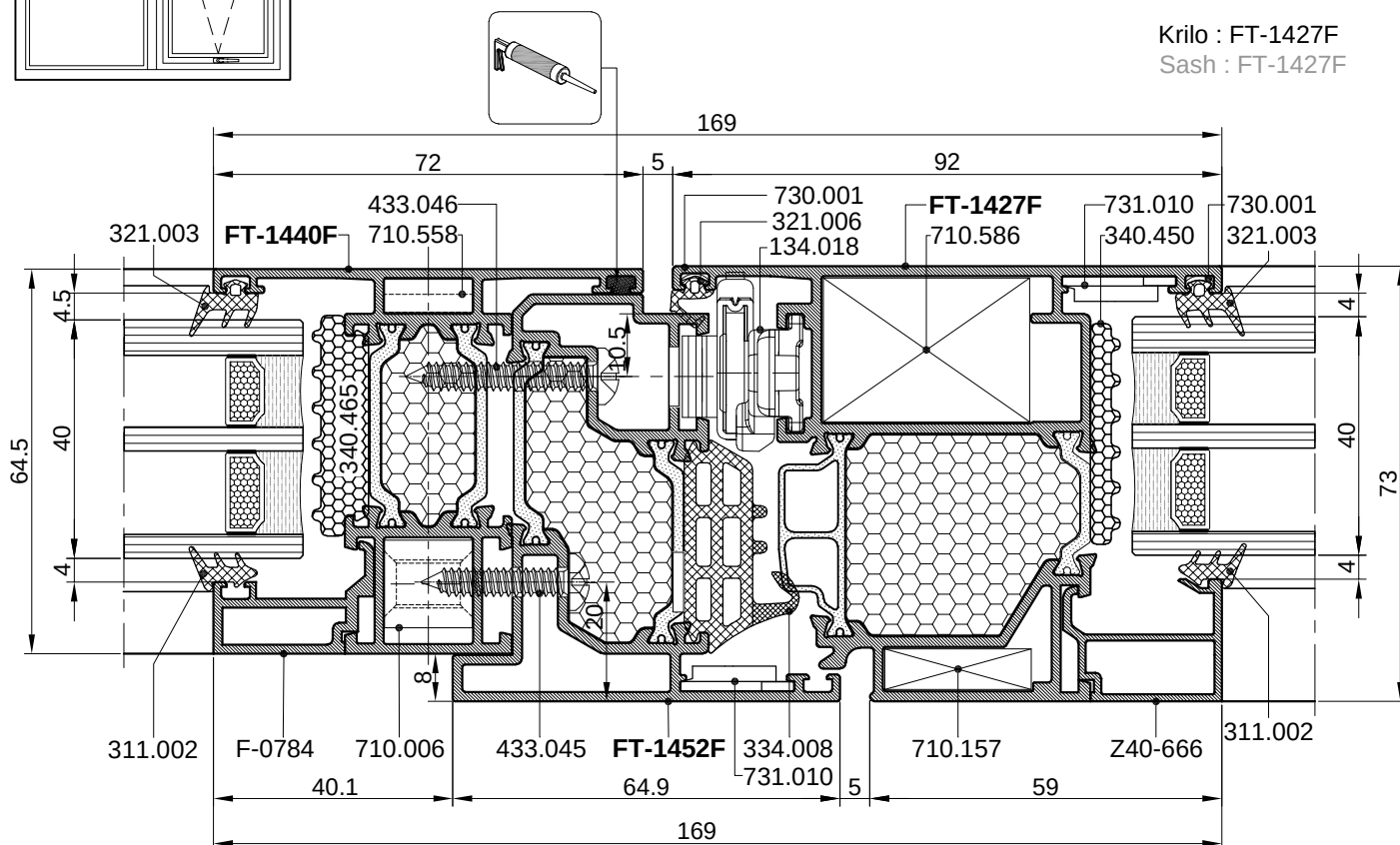
OTKLOPNI PROZOR (VENTUS) S FIKSNIM DIJLOM - otvaranje vani  
TOP HUNG WINDOW WITH FIXED PART - outwards opening



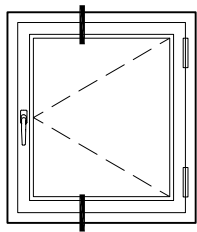


OTKLOPNI PROZOR (VENTUS) S FIKSNIM DIJLOM - otvaranje vani  
TOP HUNG WINDOW WITH FIXED PART - outwards opening

Krilo : FT-1427F  
Sash : FT-1427F



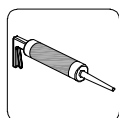
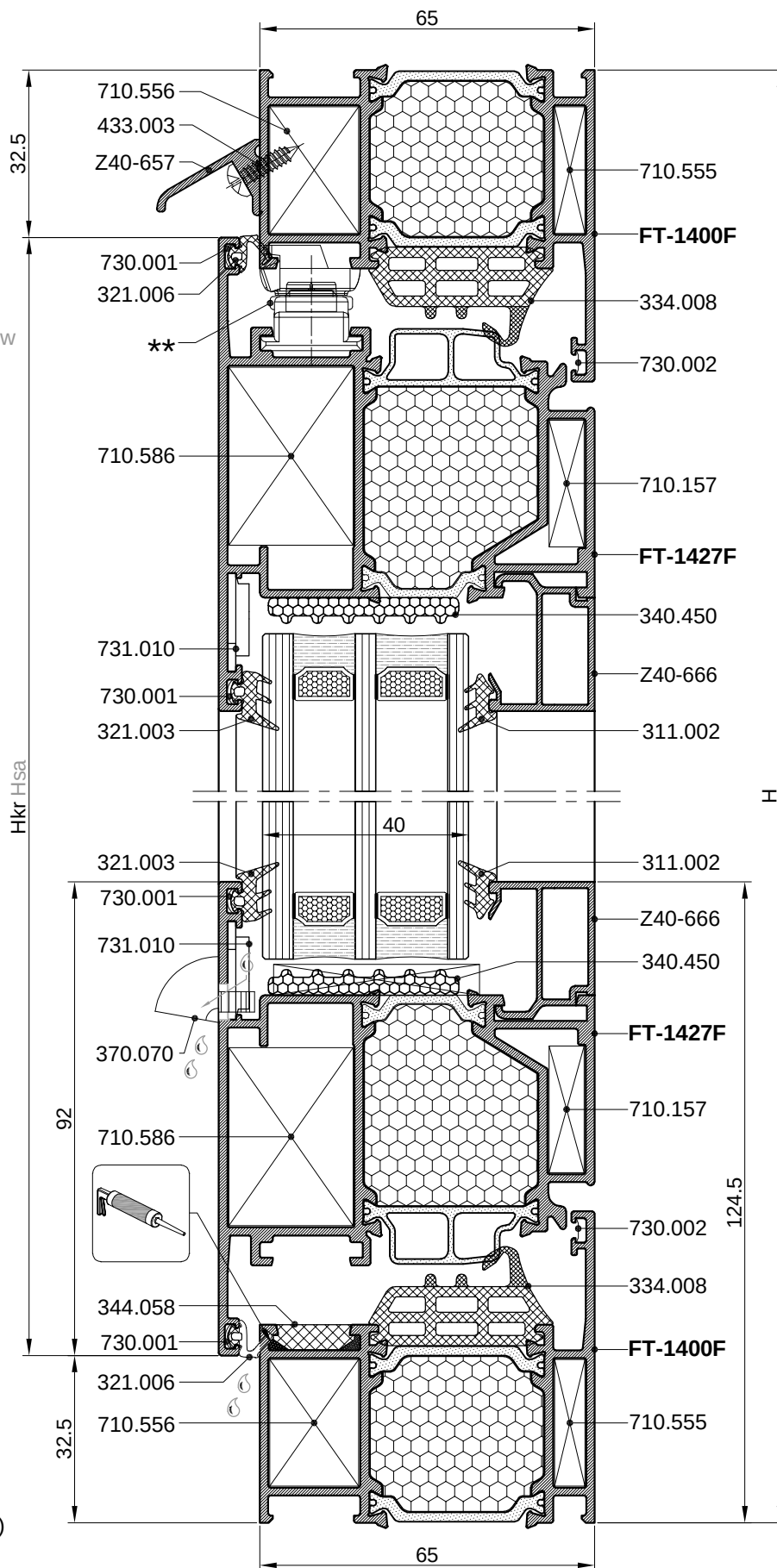
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



Krilo : FT-1427F  
Sash : FT-1427F

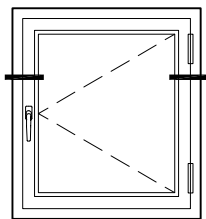
**\*\*** Okov za zaokretni prozor  
- (otvaranje vani) - GU  
Hardware for side hung window  
- (outwards opening) - GU

ZAOKRETNI PROZOR - otvaranje vani, zaokretno oko vertikalne osi  
SIDE HUNG WINDOW - outwards opening, turn around the vertical axis



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

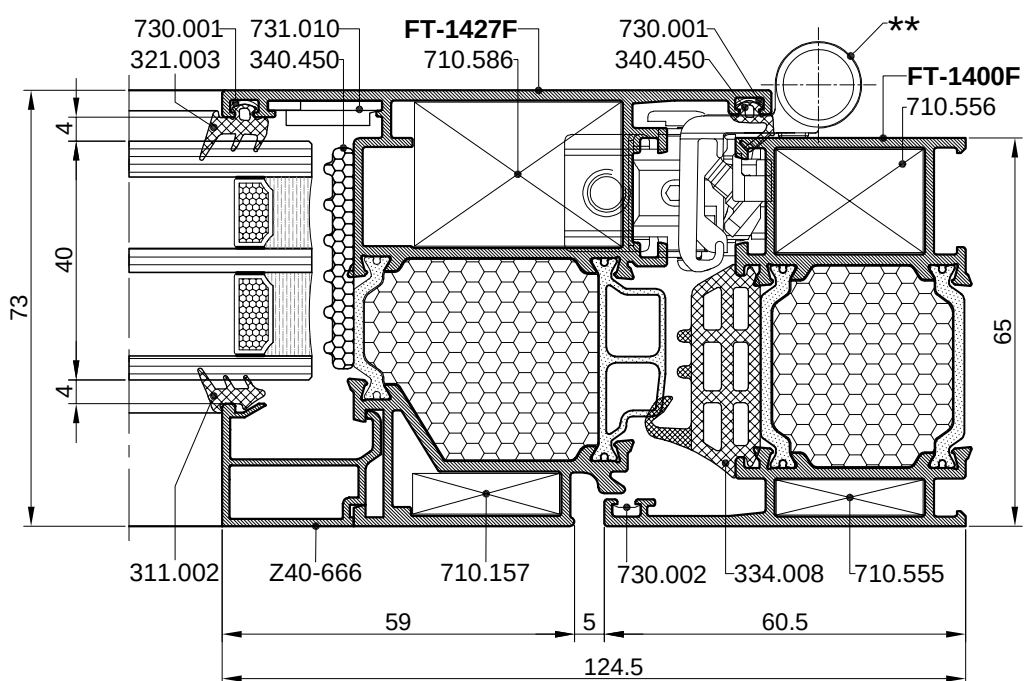
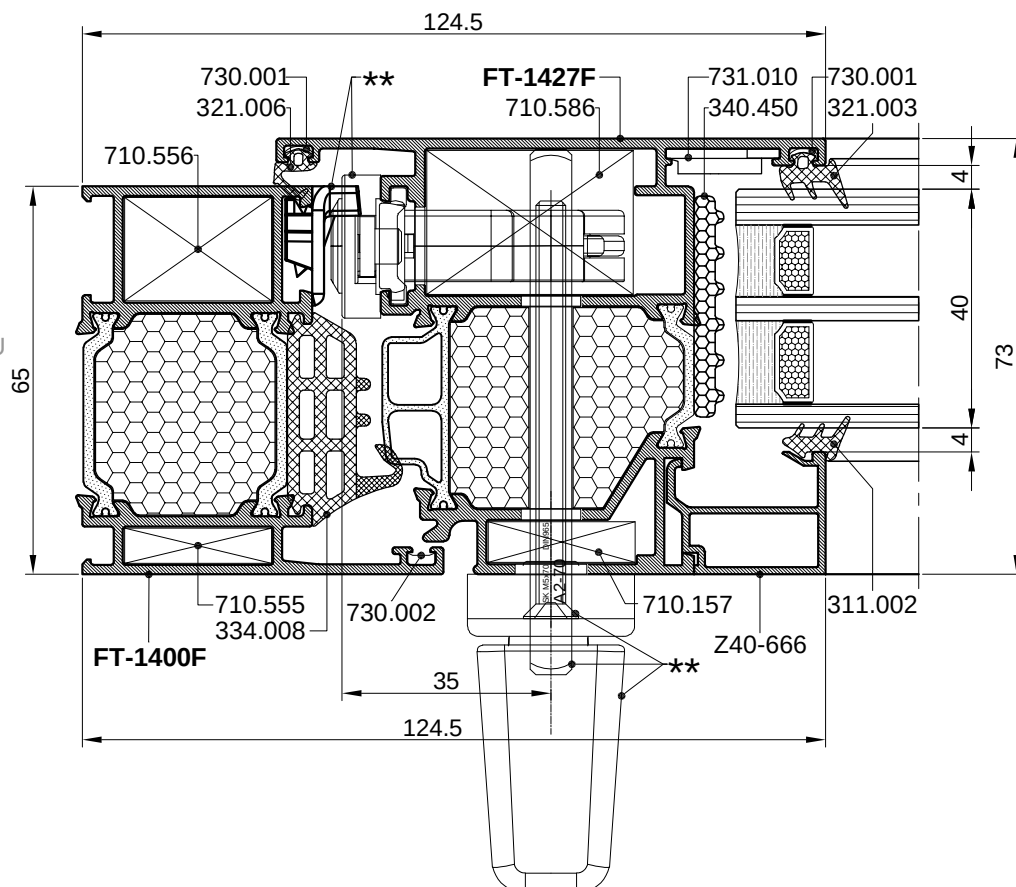


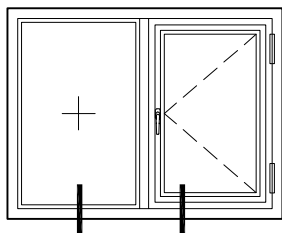


ZAOKRETNI PROZOR - otvaranje vani, zaokretno oko vertikalne osi  
SIDE HUNG WINDOW - outwards opening, turn around the vertical axis

Krilo : FT-1427F  
Sash : FT-1427F

- ★★ Okov za zaokretni prozor
  - (otvaranje vani) - GU
  - Hardware for side hung window
  - (outwards opening) - GU

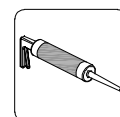
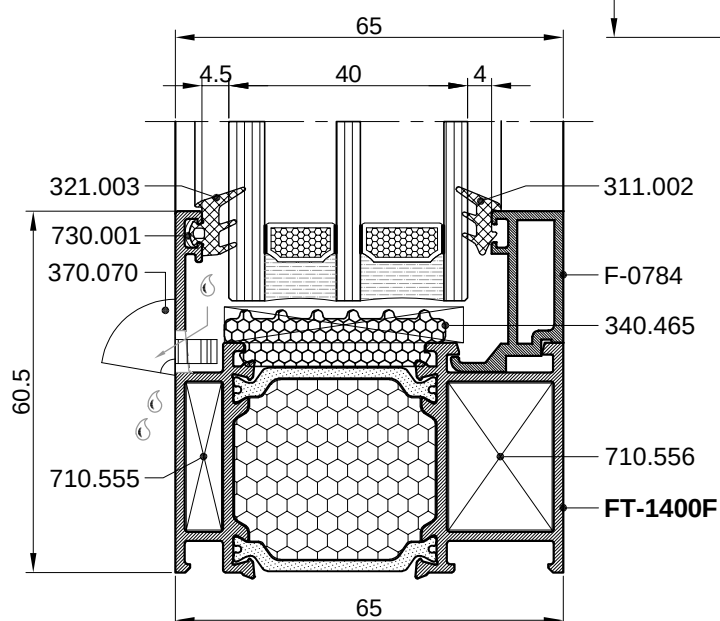
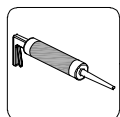
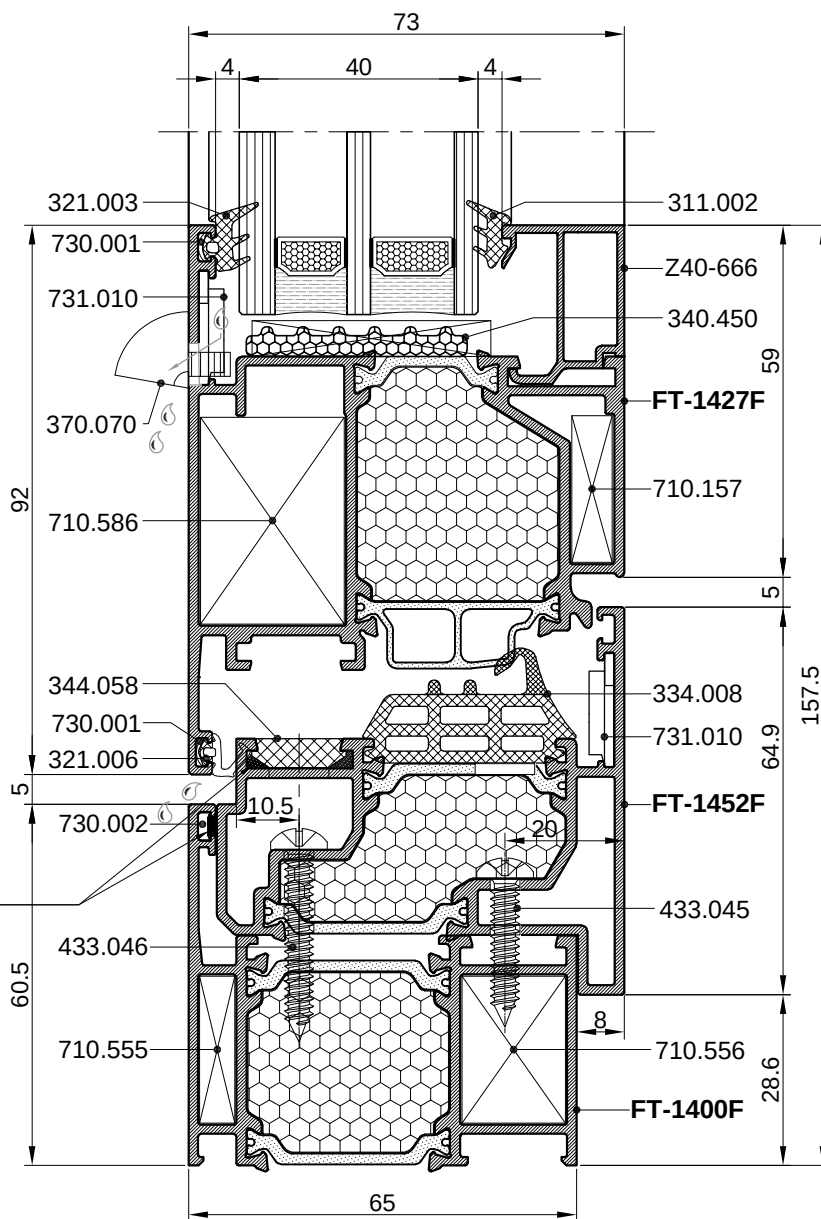




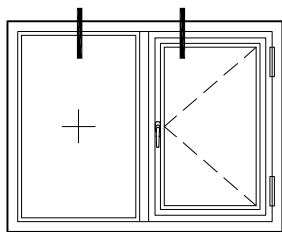
ZAOKRETNI PROZOR S FIKSNIM DIJELOM - otvaranje vani, zaokretno oko vertikalne osi  
SIDE HUNG WINDOW WITH FIXED PART - outwards opening, turn around the vertical axis

Krilo : FT-1427F  
Sash : FT-1427F

\*\* Okov za zaokretni prozor  
- (otvaranje vani) - GU  
Hardware for side hung window  
- (outwards opening) - GU



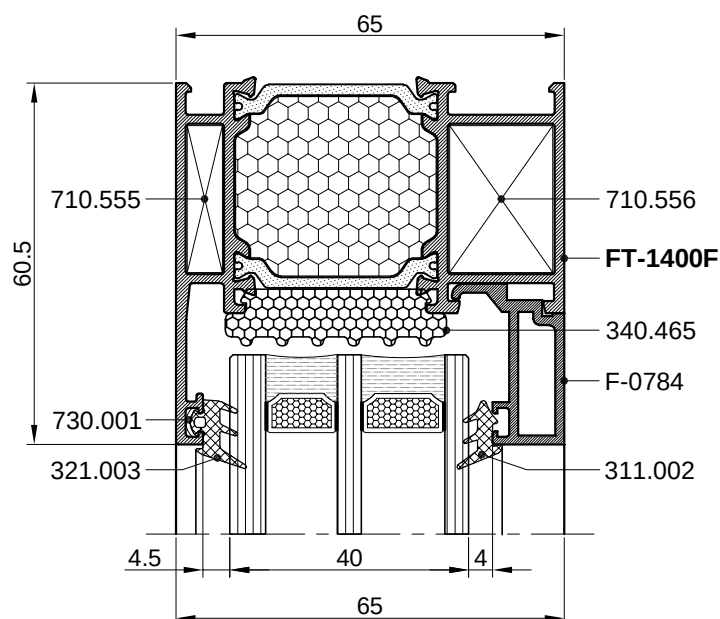
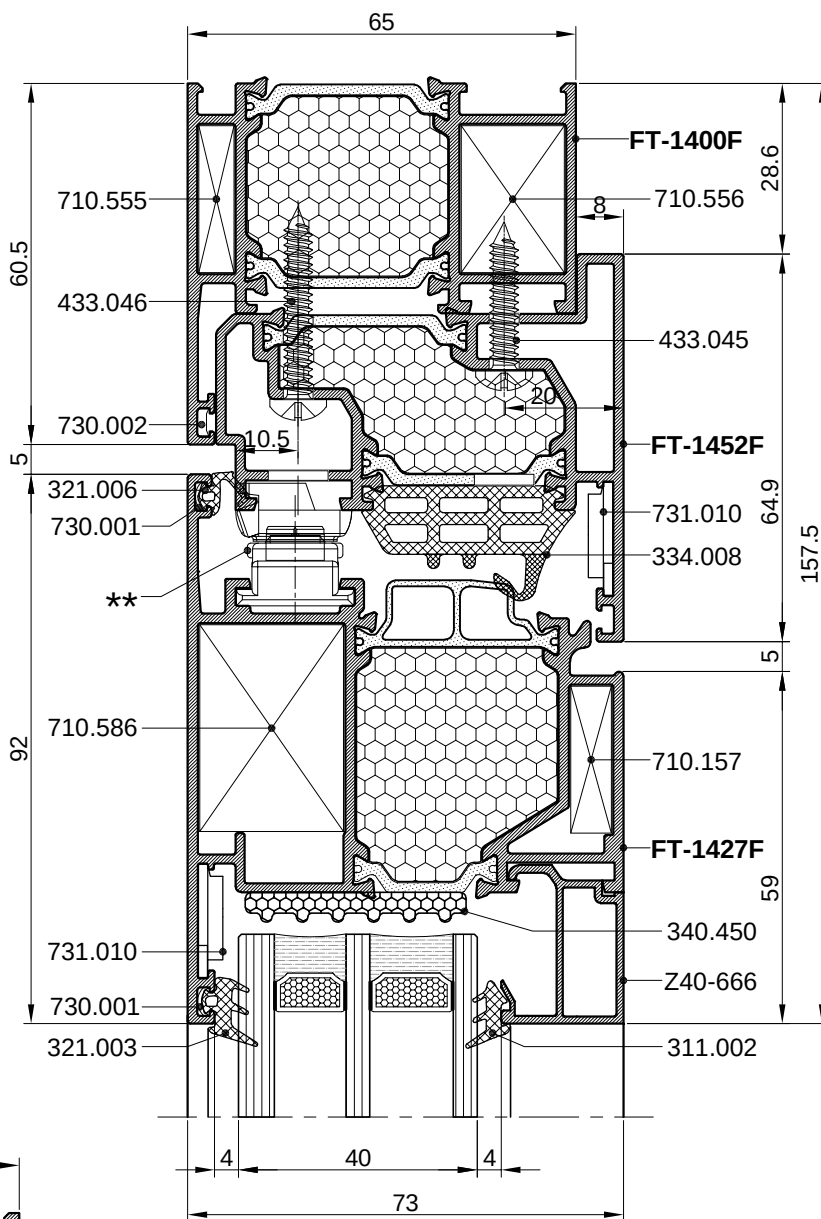
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



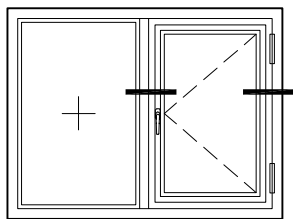
ZAOKRETNI PROZOR S FIKSNIM DIJELOM - otvaranje vani, zaokretno oko vertikalne osi  
TURN WINDOW WITH FIXED PART - outwards opening, turn around the vertical axis

Krilo : FT-1427F  
Sash : FT-1427F

\*\* Okov za zaokretni prozor  
- (otvaranje vani) - GU  
Hardware for turn window  
- (outwards opening) - GU

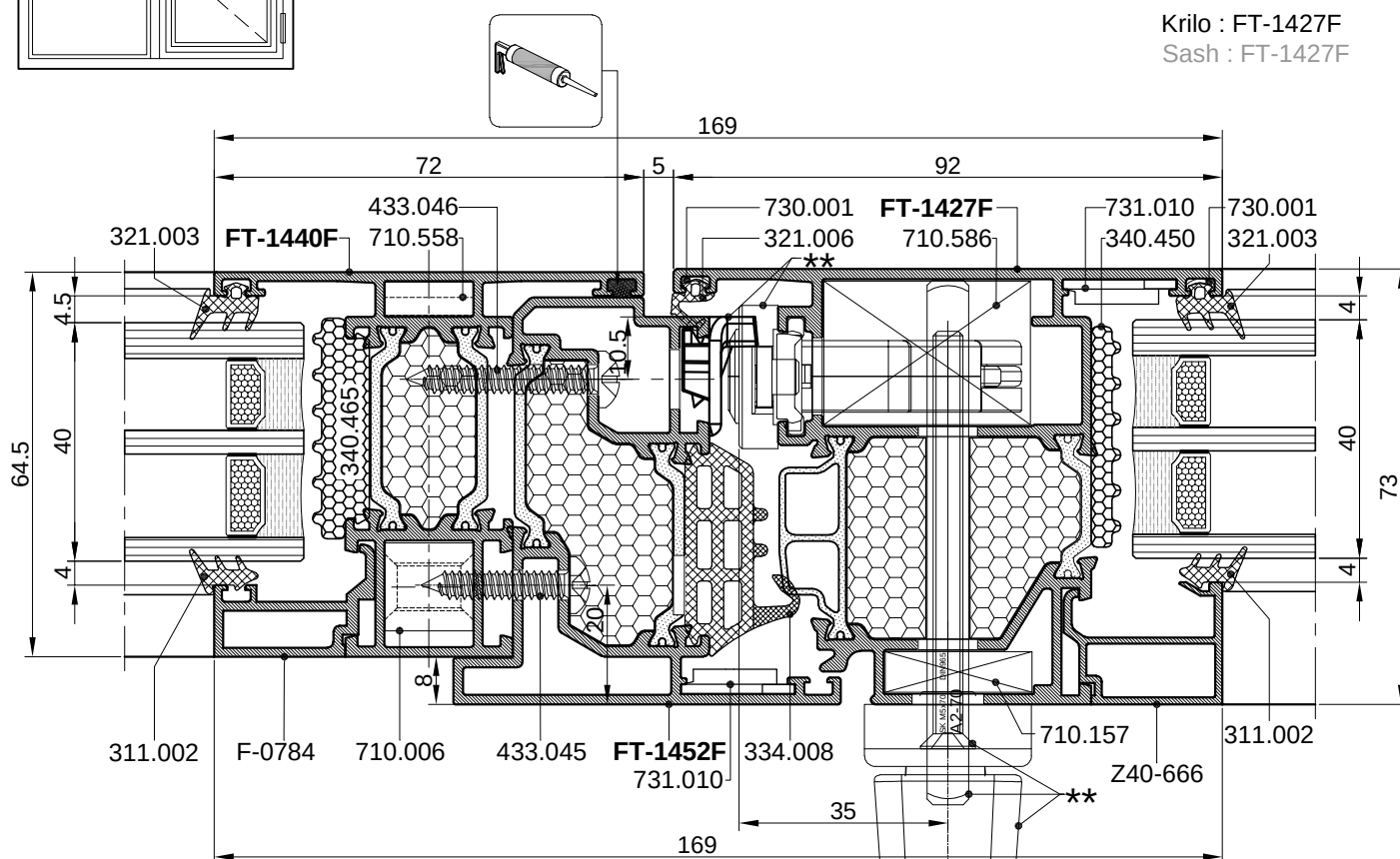




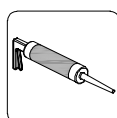
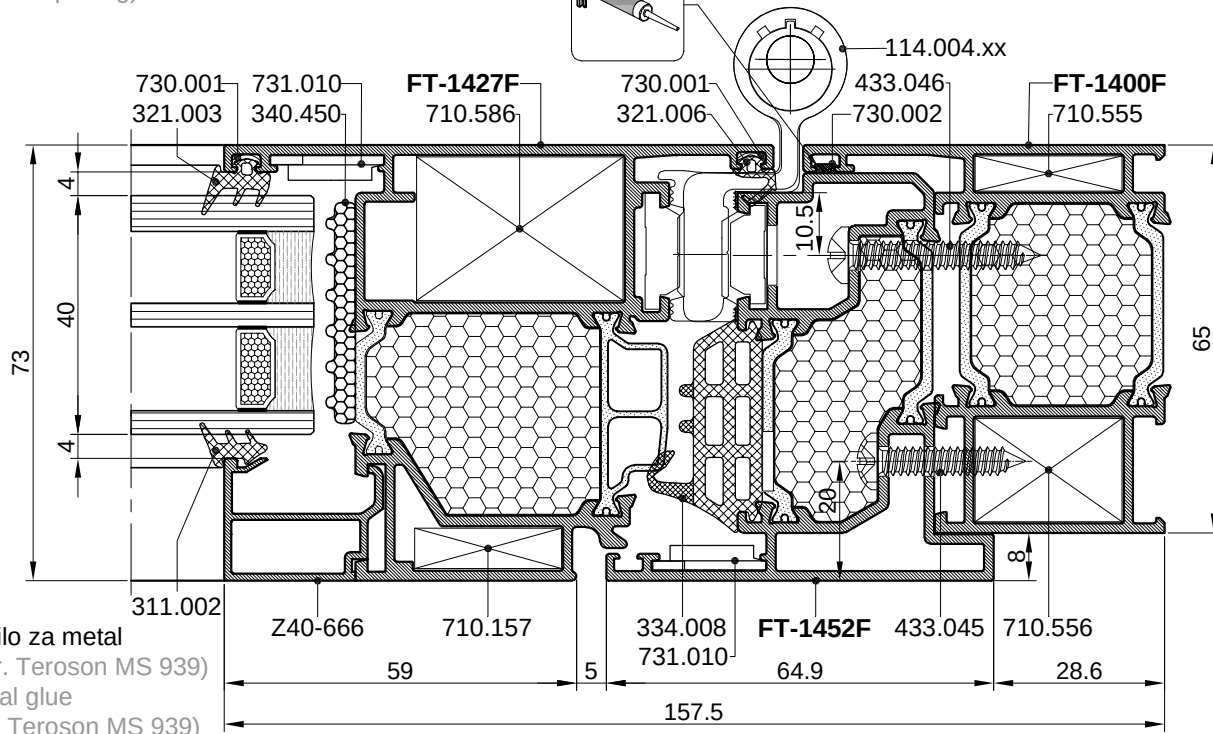


ZAOKRETNI PROZOR S FIKSNIM DIJELOM - otvaranje vani, zaokretno oko vertikalne osi  
TURN WINDOW WITH FIXED PART - outwards opening, turn around the vertical axis

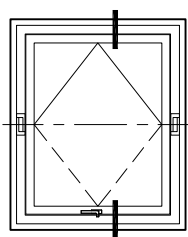
Krilo : FT-1427F  
Sash : FT-1427F



\*\* Okov za zaokretni prozor  
- (otvaranje vani) - GU  
Hardware for turn window  
- (outwards opening) - GU

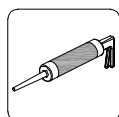


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

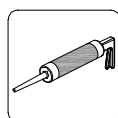


Krilo : FT-1426F  
Sash : FT-1426F

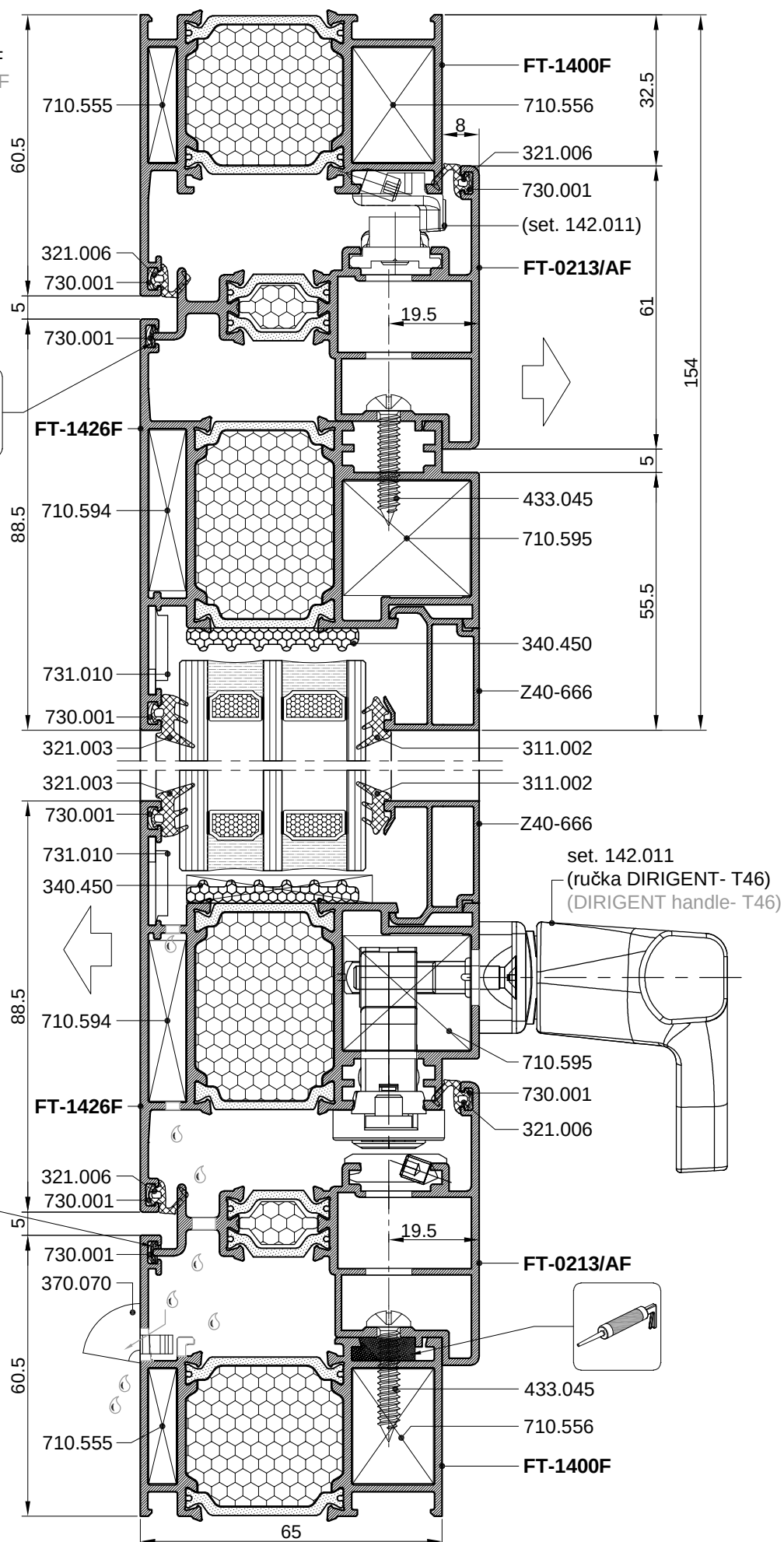
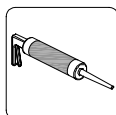
# PROZOR - OTVARANJE OKO SREDNJE HORIZONTALNE OSI HORIZONTAL PIVOT WINDOW

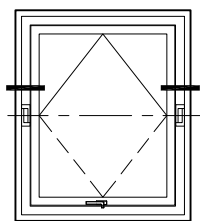


142.011  
SET OKOVA ZA PROZOR - GU  
WINDOW HARDWARE SET- GU



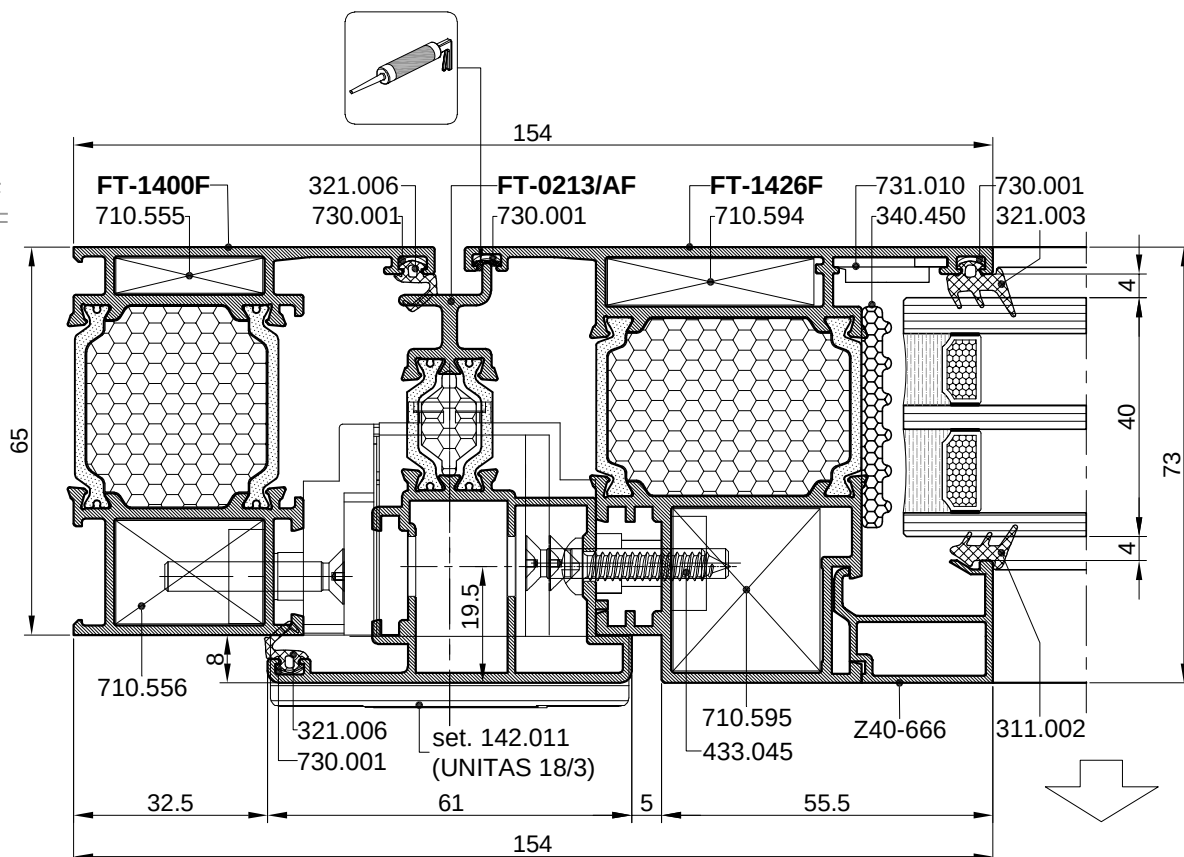
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



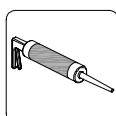
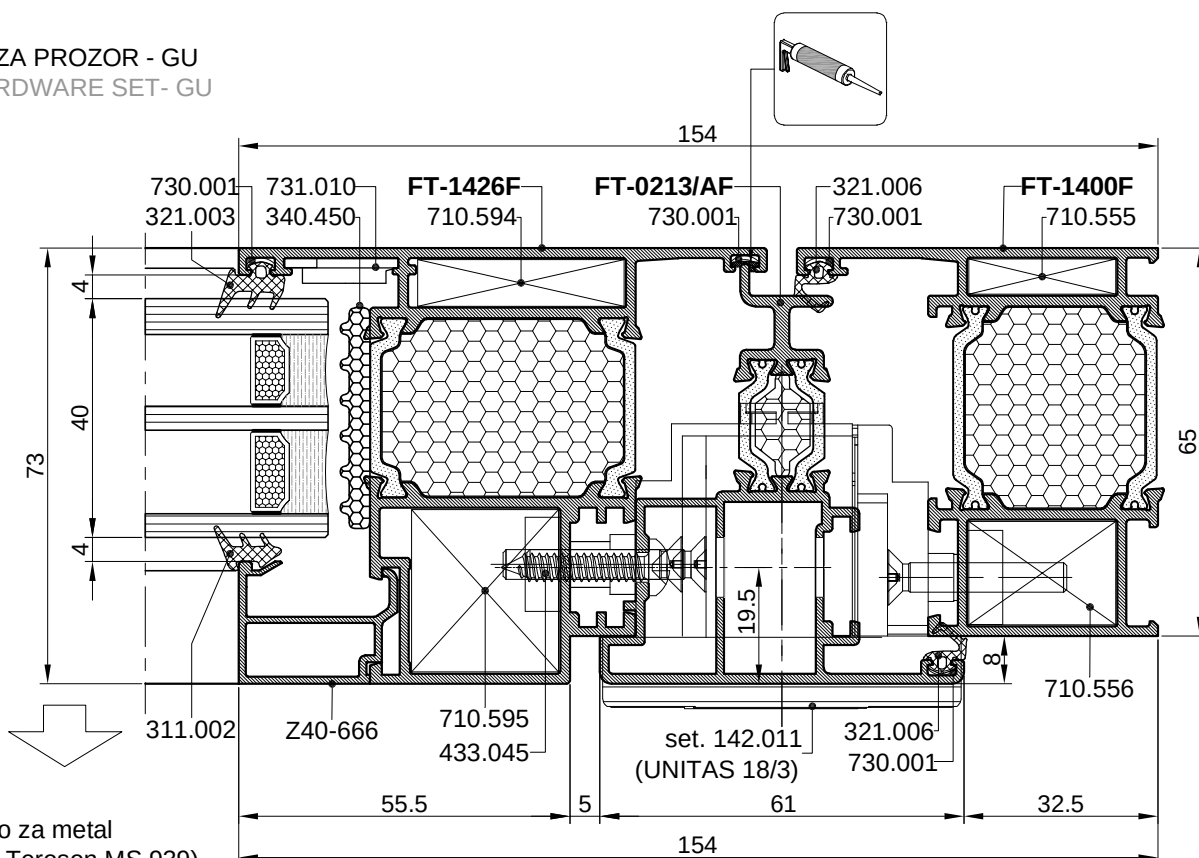


### PROZOR - OTVARANJE OKO SREDNJE HORIZONTALNE OSI HORIZONTAL PIVOT WINDOW

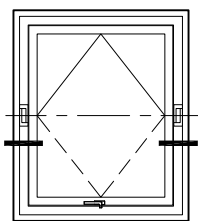
Krilo : FT-1426F  
Sash : FT-1426F



142.011  
SET OKOVA ZA PROZOR - GU  
WINDOW HARDWARE SET - GU

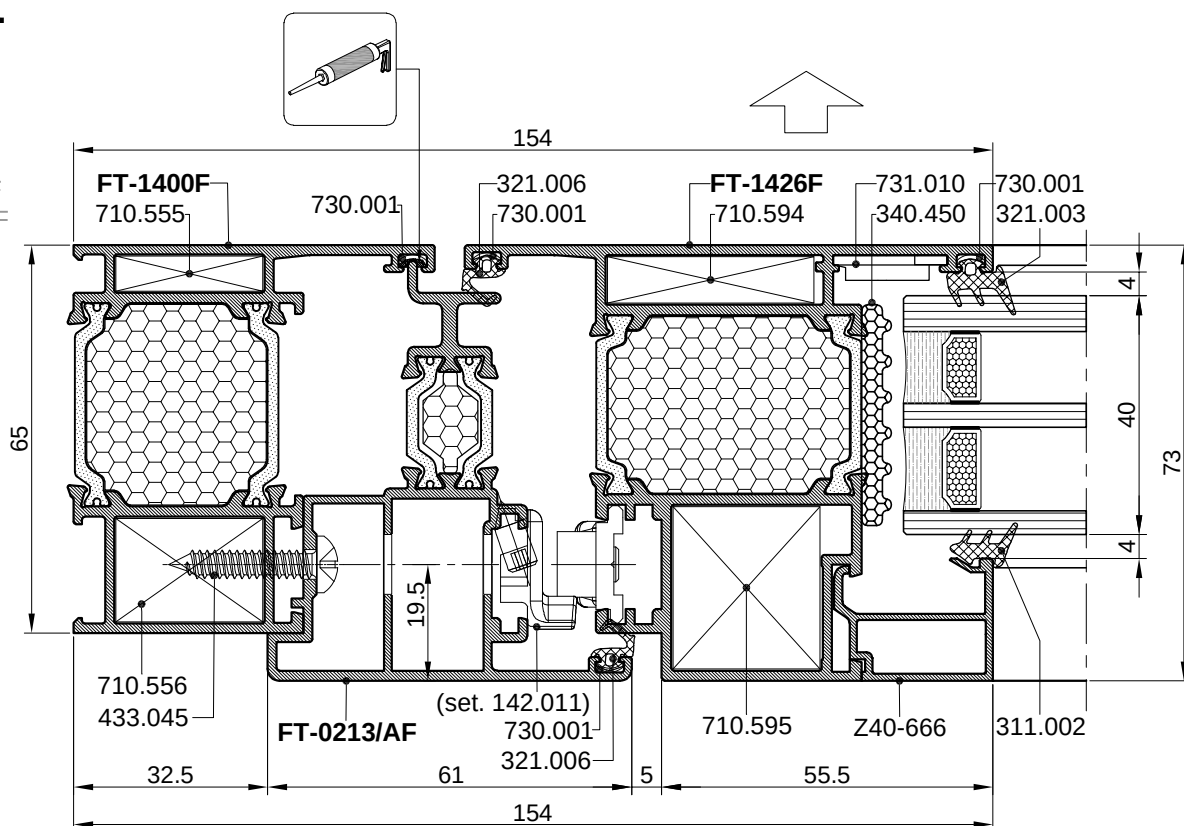


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

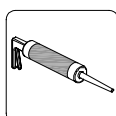
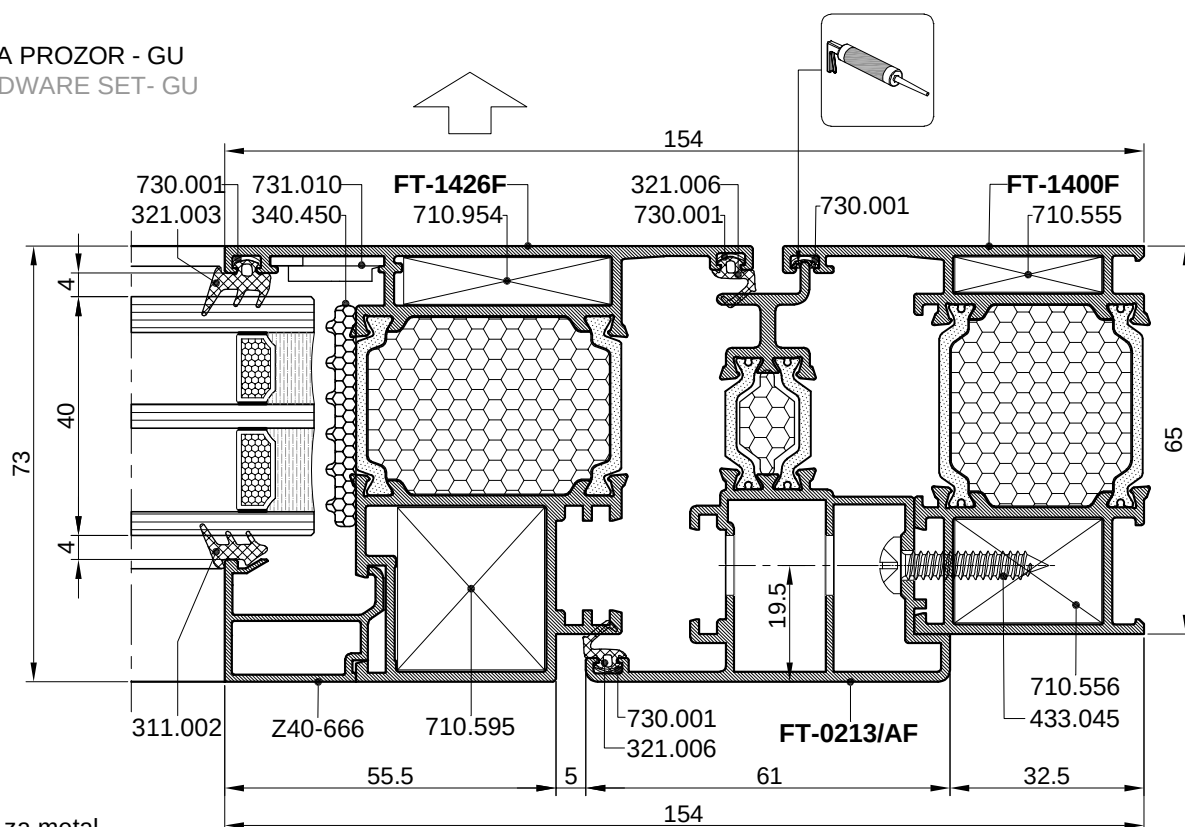


## PROZOR - OTVARANJE OKO SREDNJE HORIZONTALNE OSI

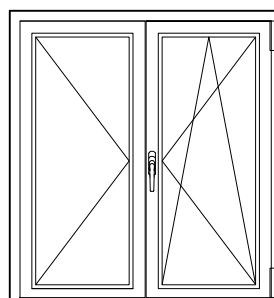
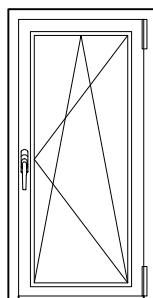
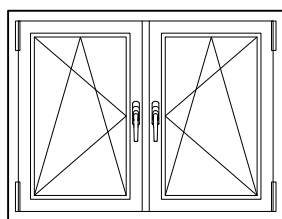
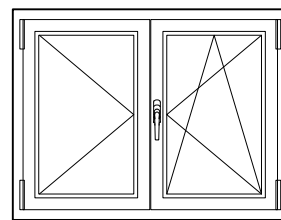
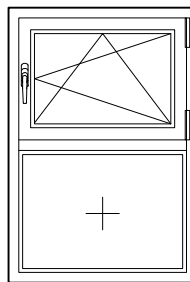
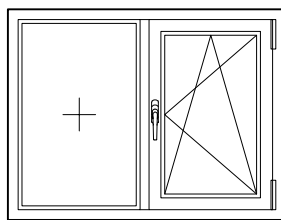
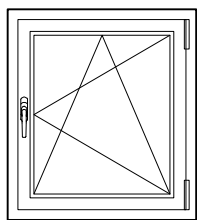
Krilo : FT-1426F  
Sash : FT-1426F

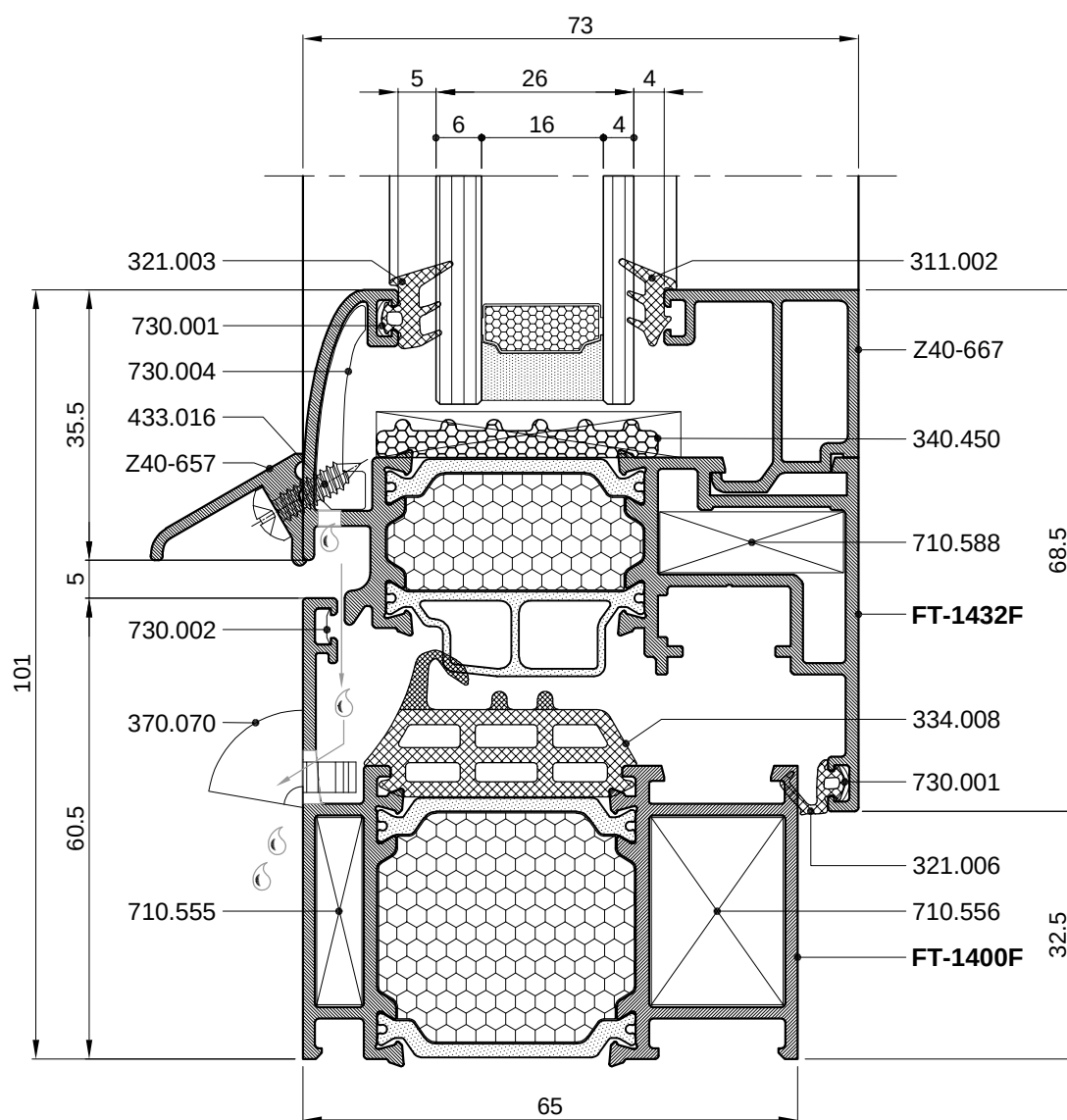
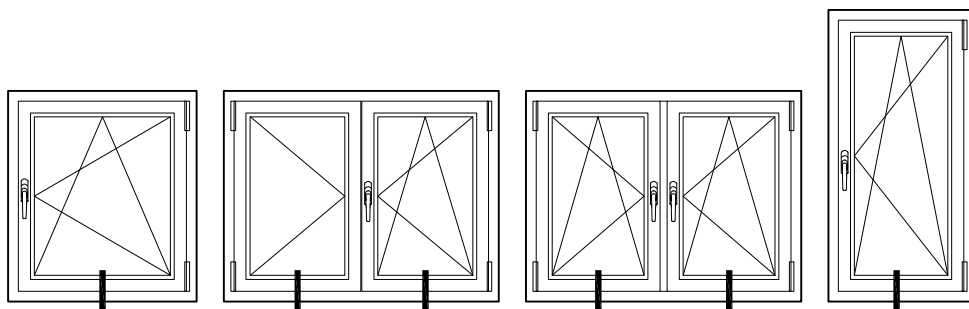


142.011  
SET OKOVA ZA PROZOR - GU  
WINDOW HARDWARE SET- GU



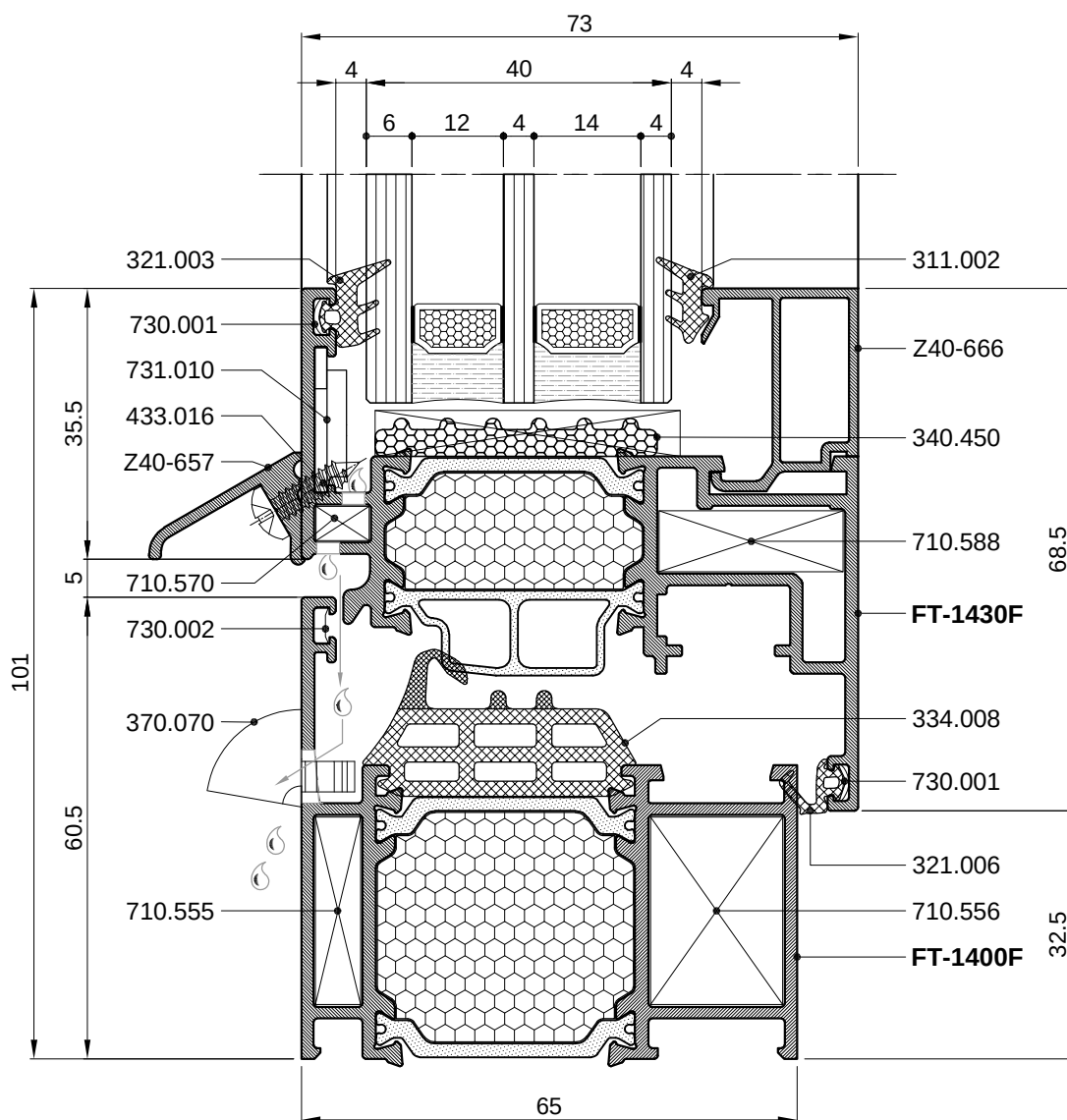
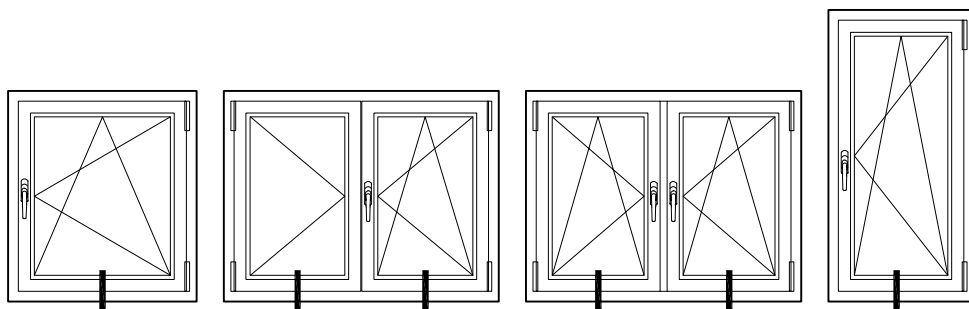
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



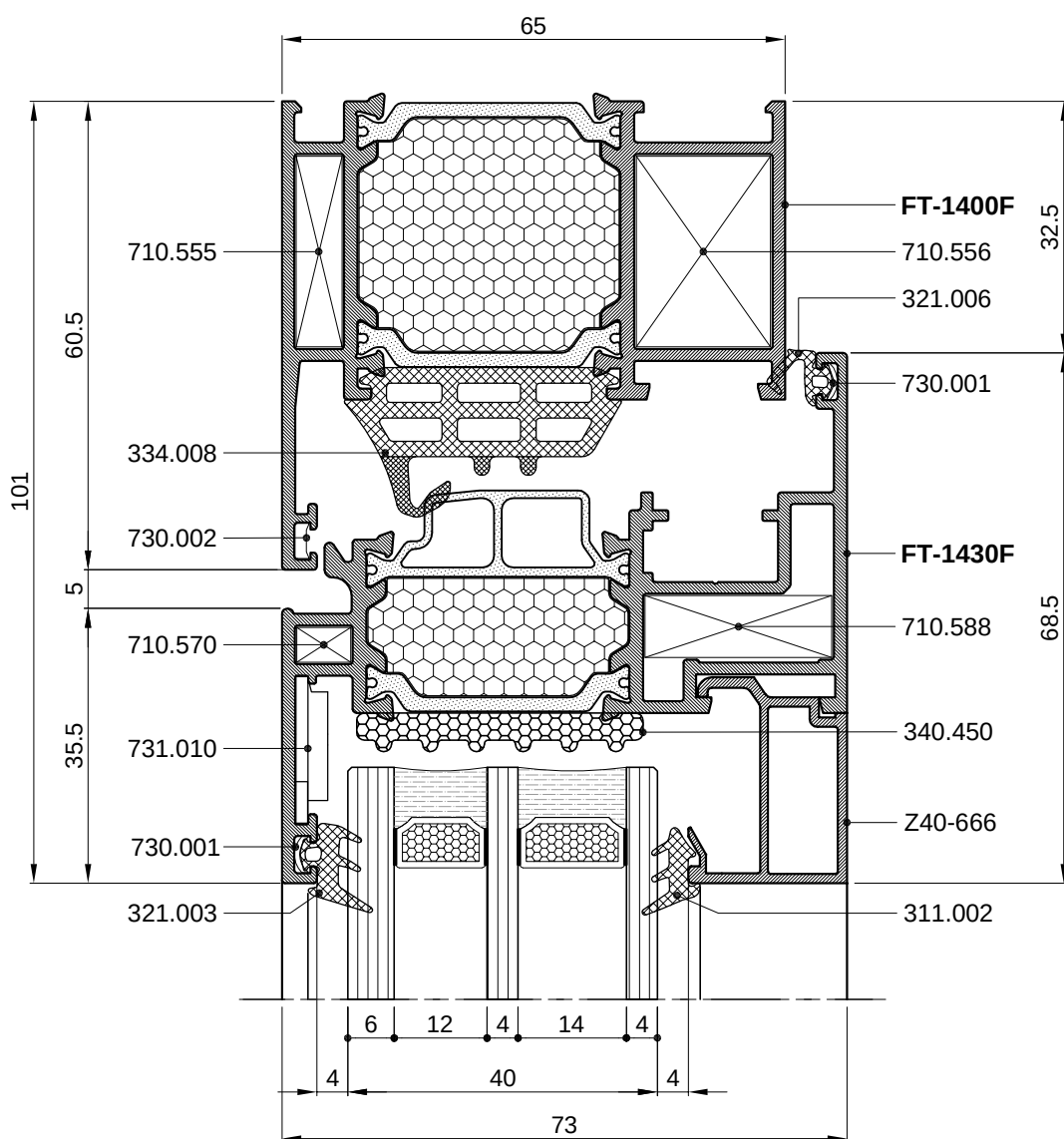
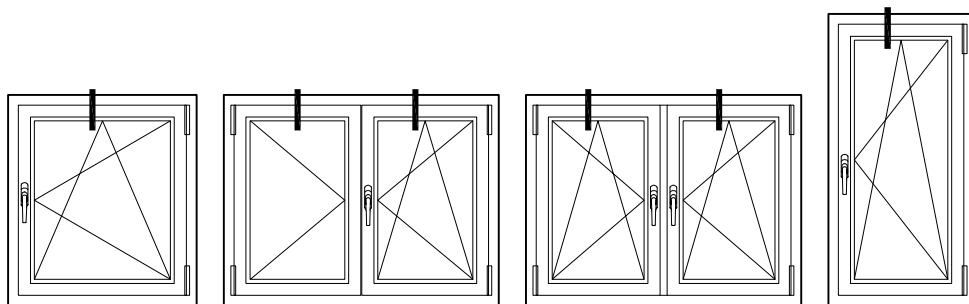


Izvedba profila krila: vidljivo krilo sa zaobljenim vanjskim linijama  
Sash profile design: visible sash with rounded outside lines

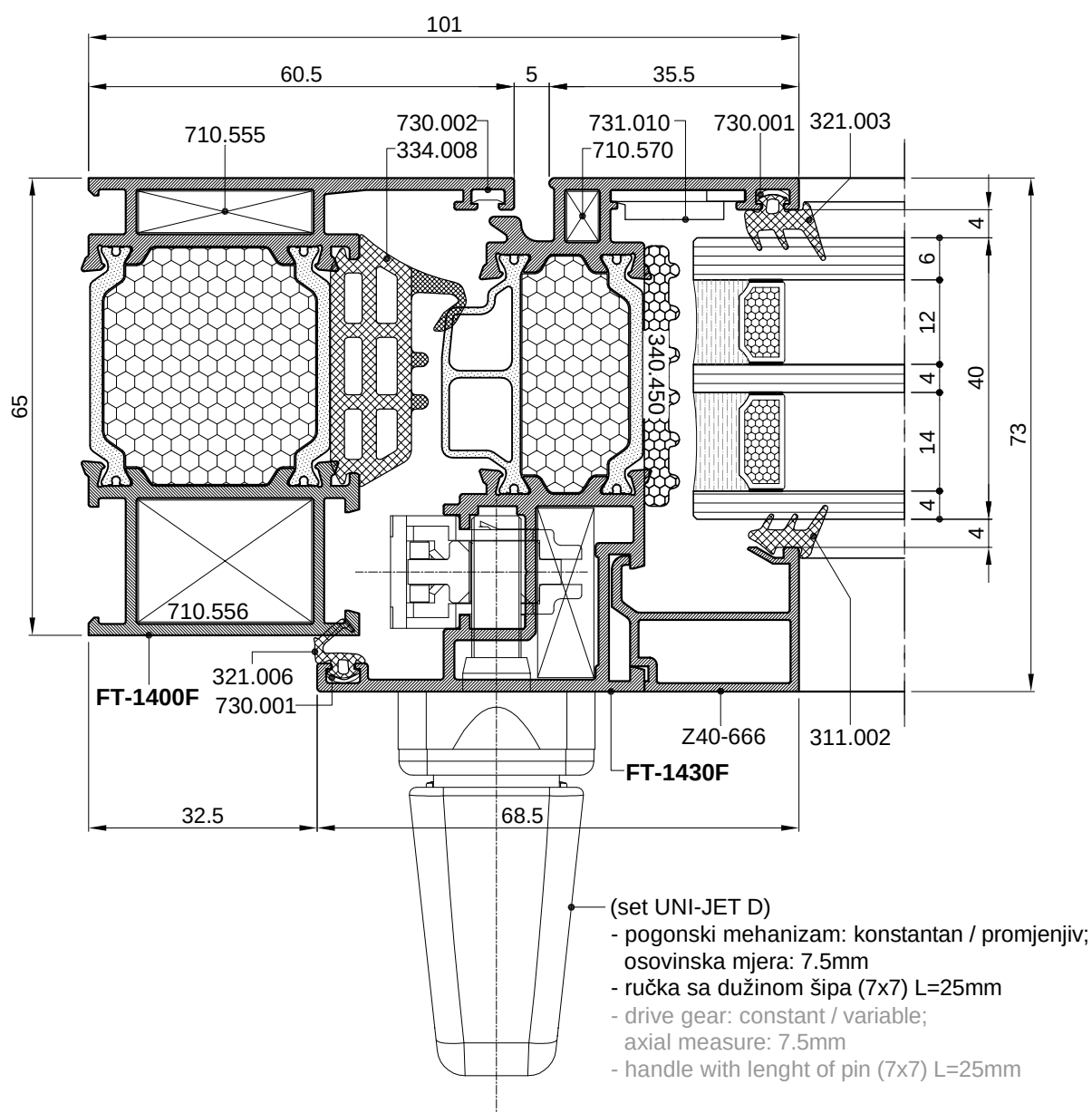
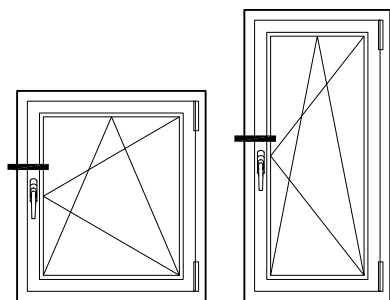


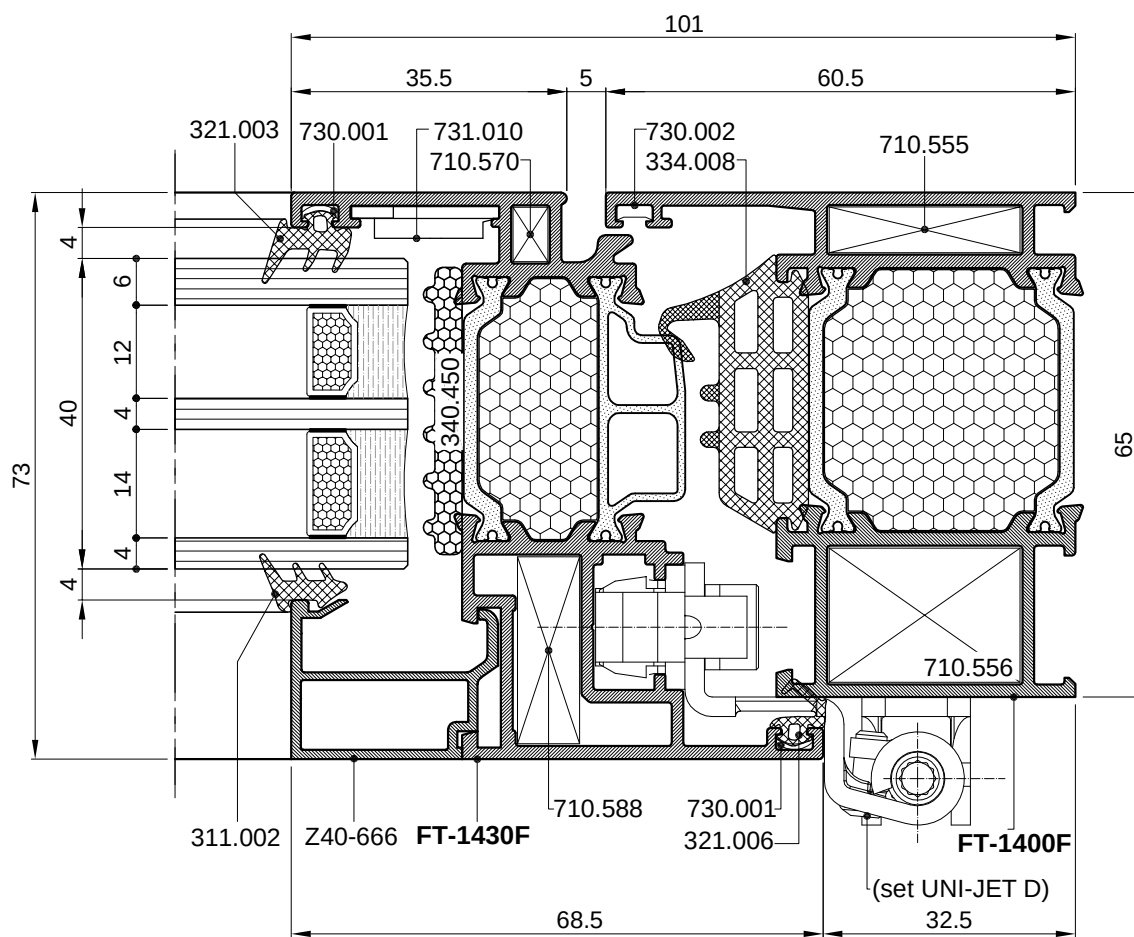
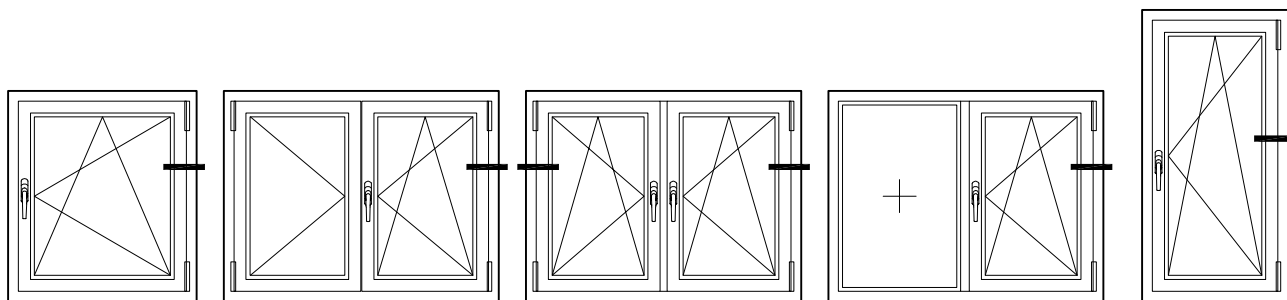


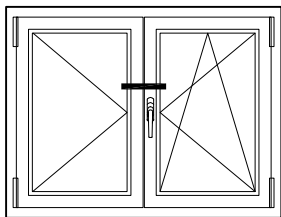
Izvedba profila krila: vidljivo krilo sa ravnim vanjskim linijama  
Sash profile design: visible sash with straight outside lines



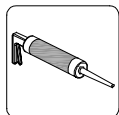
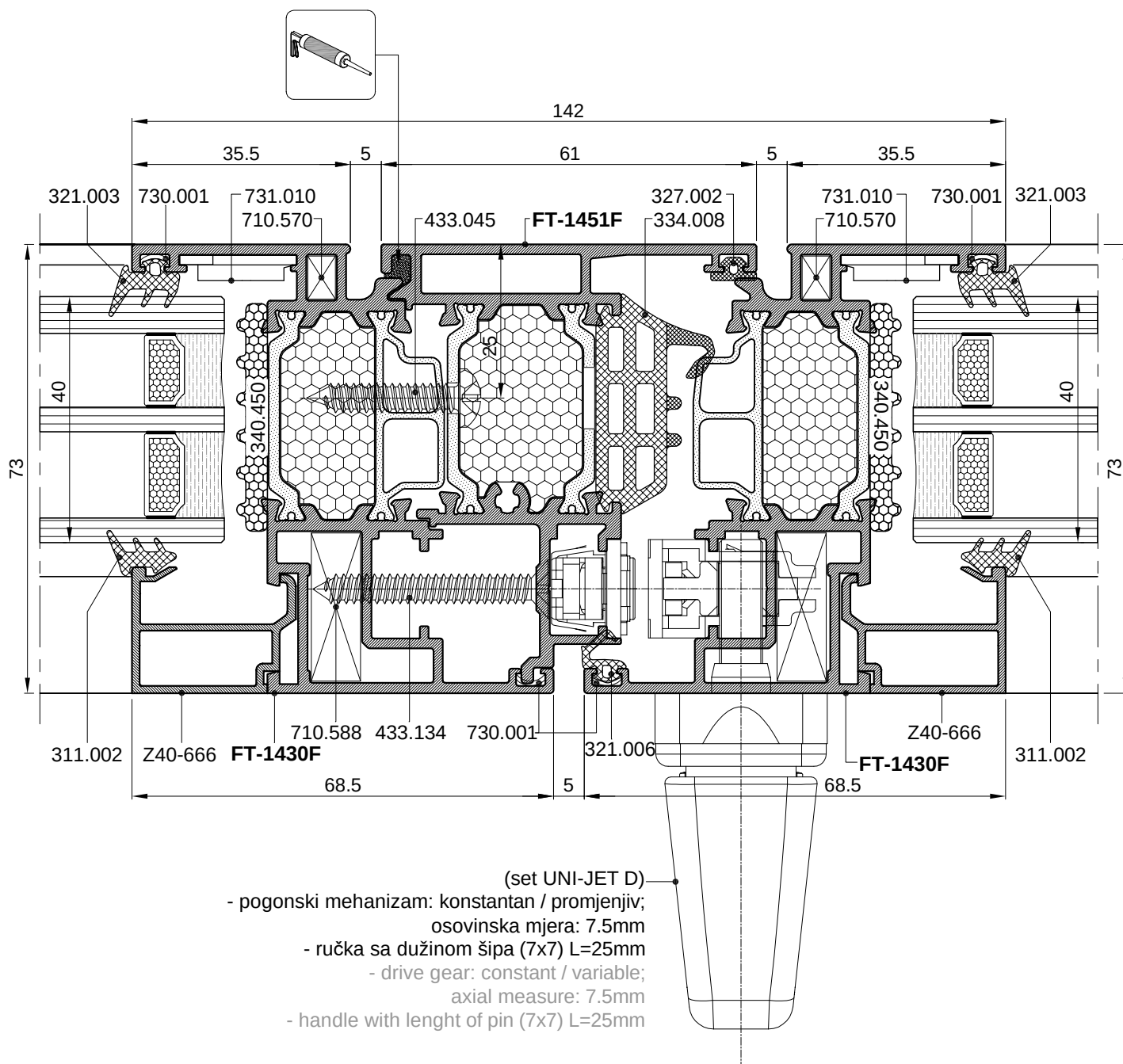




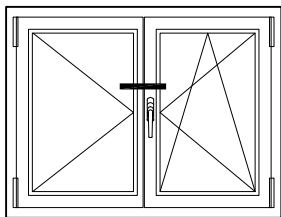




Okov za fiksiranje pomoćnog krila  
(montiranje okova u kombatutu)  
Locking mechanism for auxiliary sash  
(mechanism in the flying mullion)

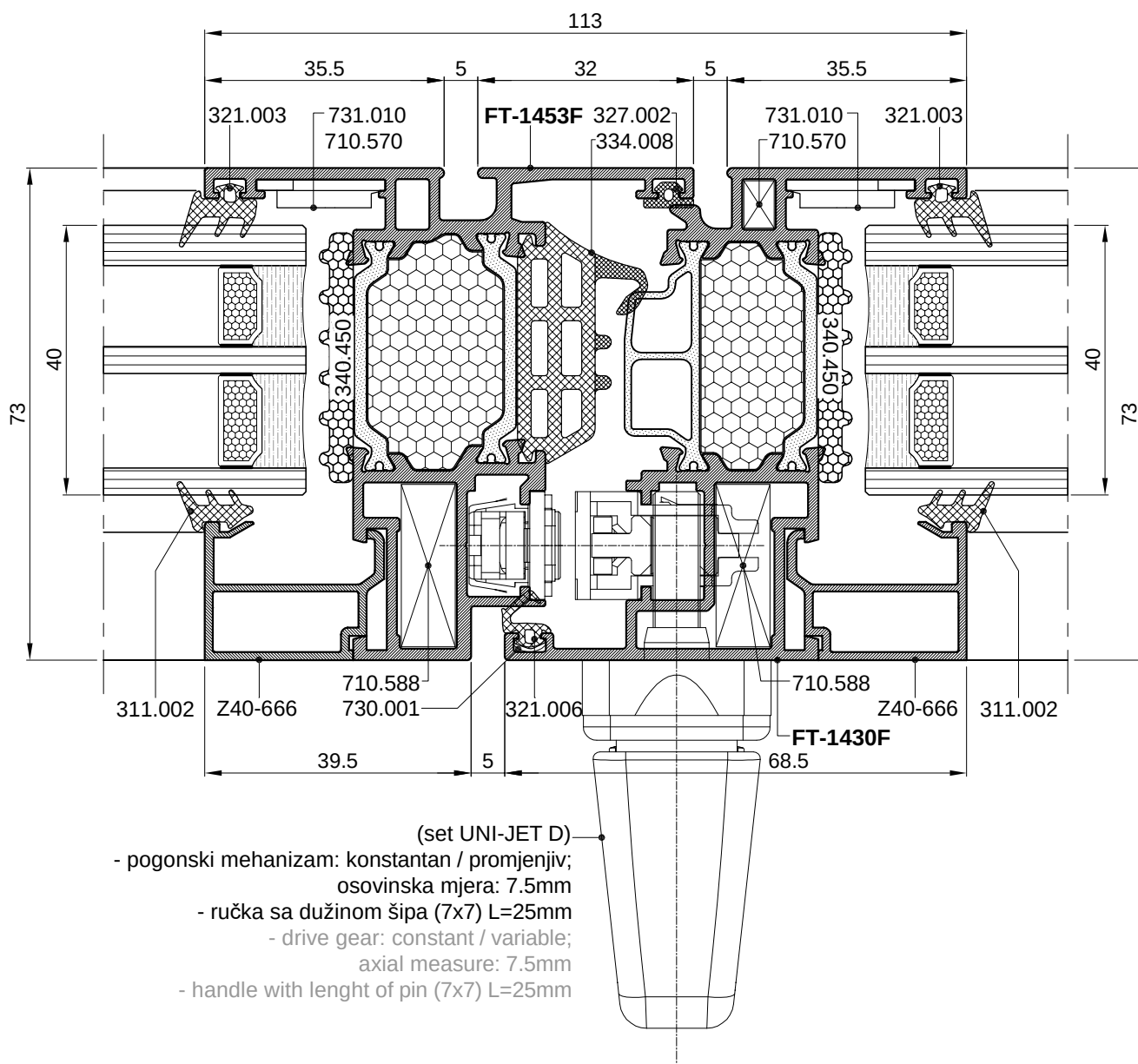


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



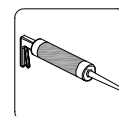
### USKI SREDNJI POJAS KOD DVOKRILNOG PROZORA NARROW MIDDLE ZONE-DOUBLE SASH WINDOW

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

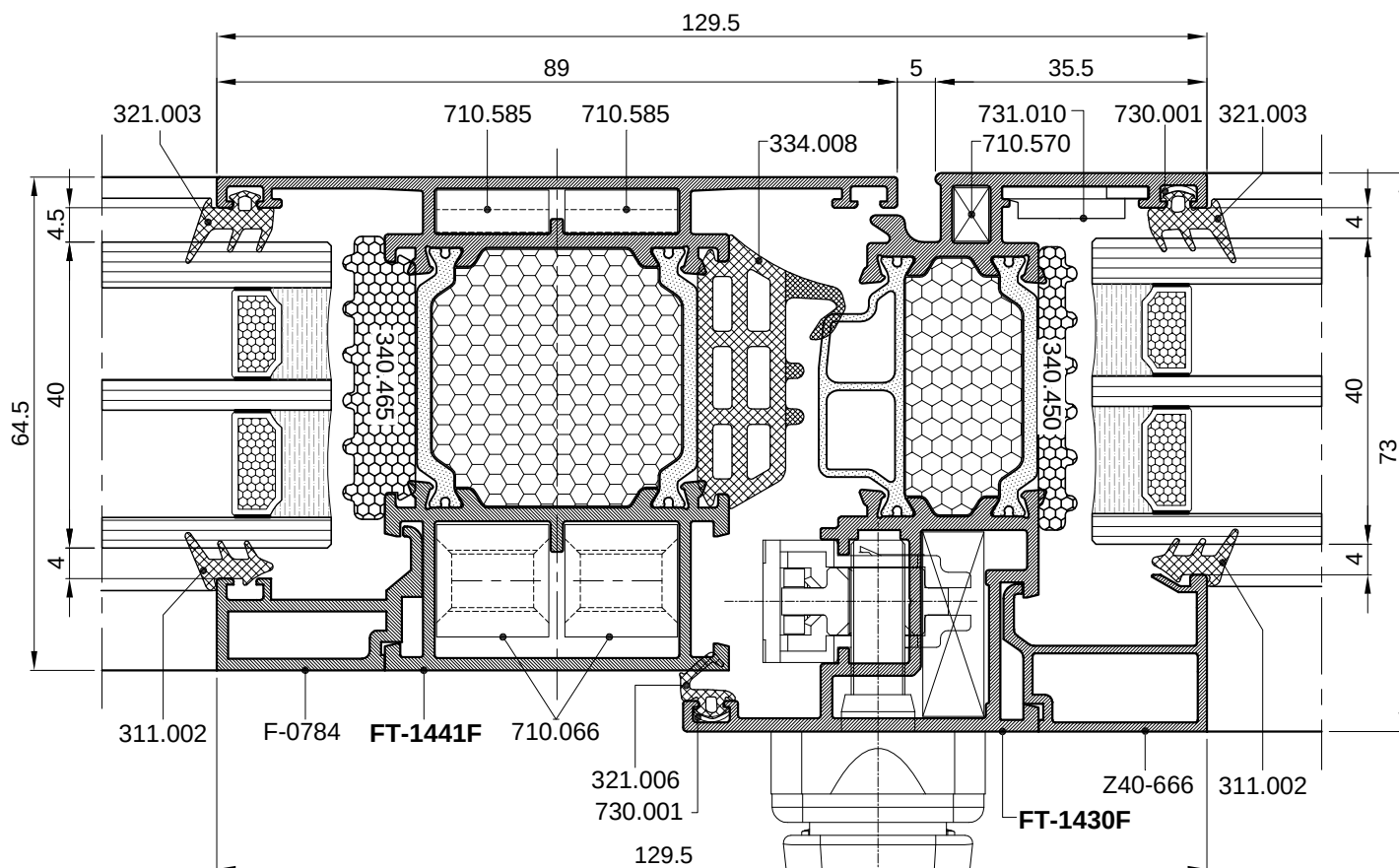
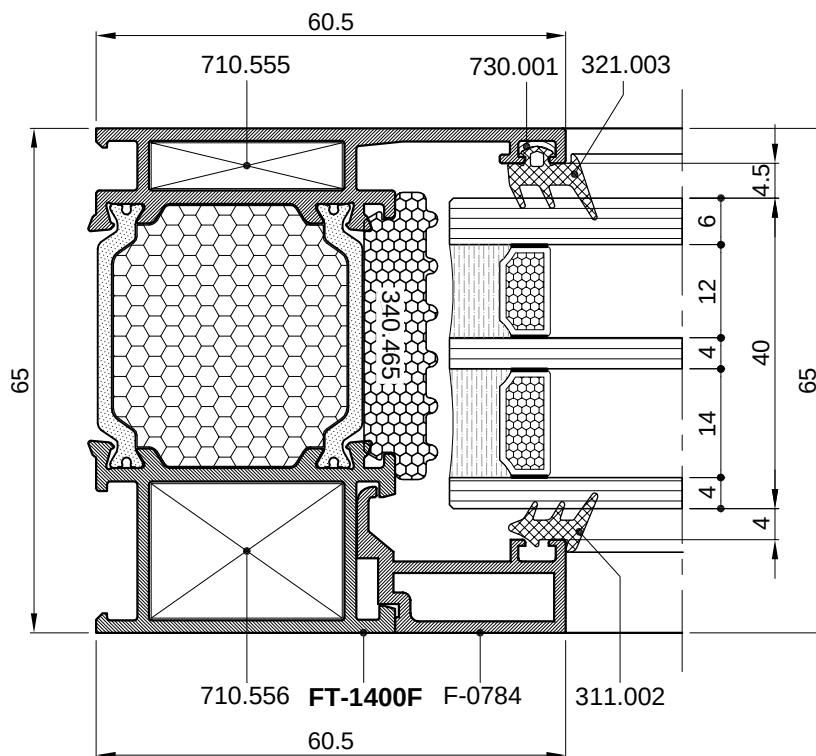
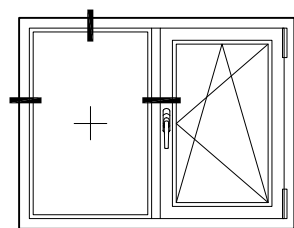


#### Napomena /Remark:

- FT-1453F - profil krilo-kombatuta (uski srednji pojas kod dvokrilnog prozora)
- koristi se isključivo u kombinaciji sa profilom krila FT-1430F
- specifična obrada profila
- FT-1453F - profile sash-flying mullion (narrow middle zone-double sash window)
- use only in combination with sash profile FT-1430F
- specific processing of profile

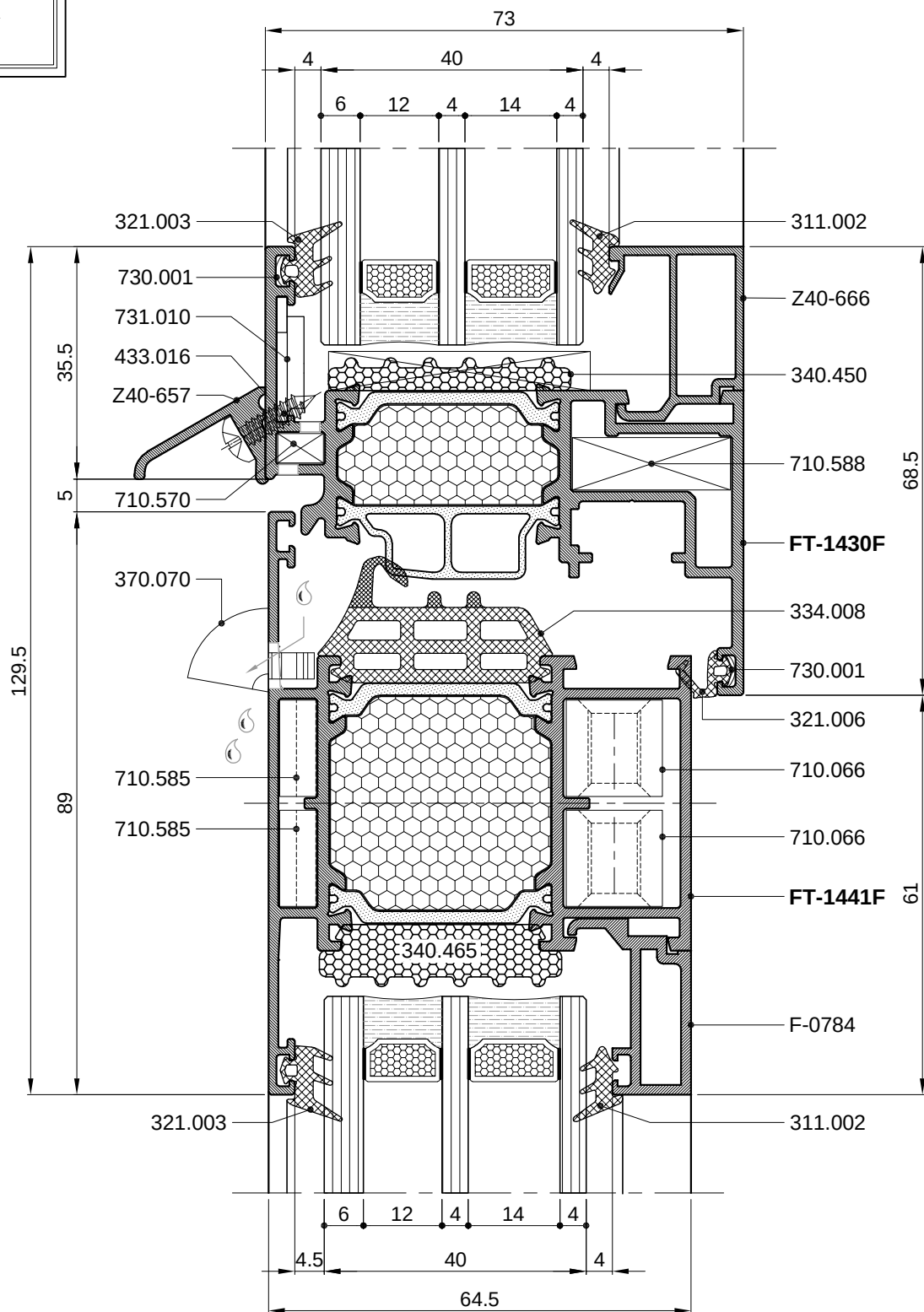
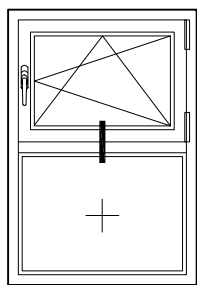


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



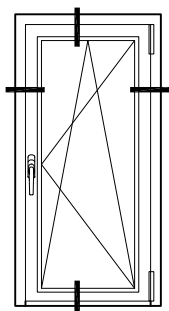
(set UNI-JET D)

- pogonski mehanizam: konstantan / promjenjiv;  
osovinska mjera: 7.5mm
- ručka sa dužinom šipa (7x7) L=25mm  
- drive gear: constant / variable;  
axial measure: 7.5mm
- handle with lenght of pin (7x7) L=25mm

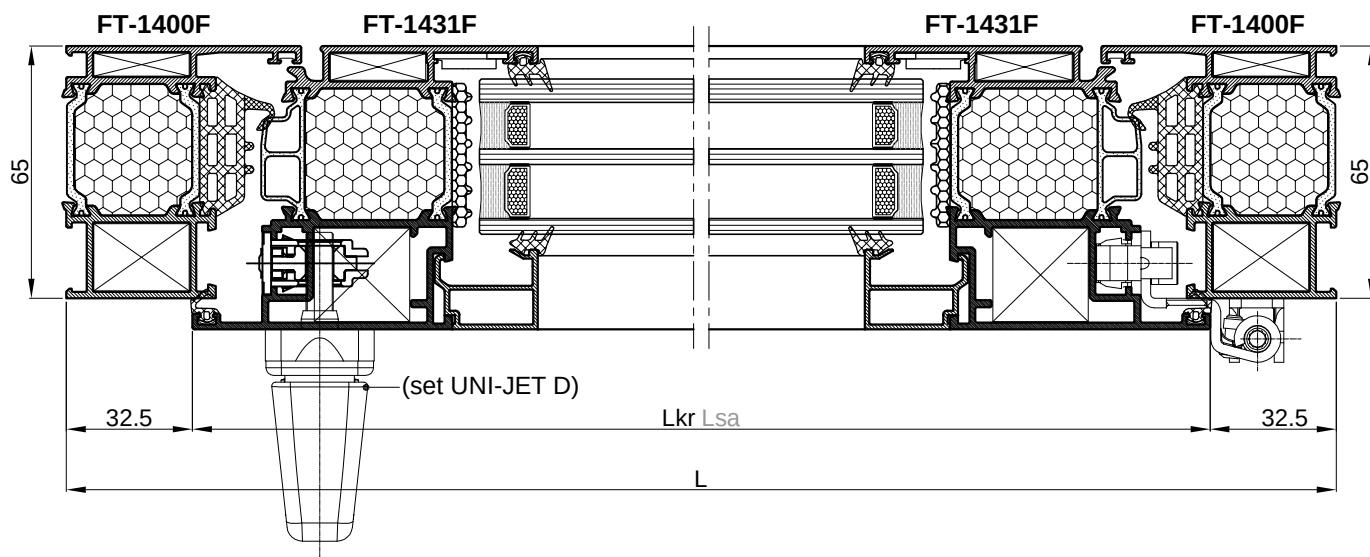
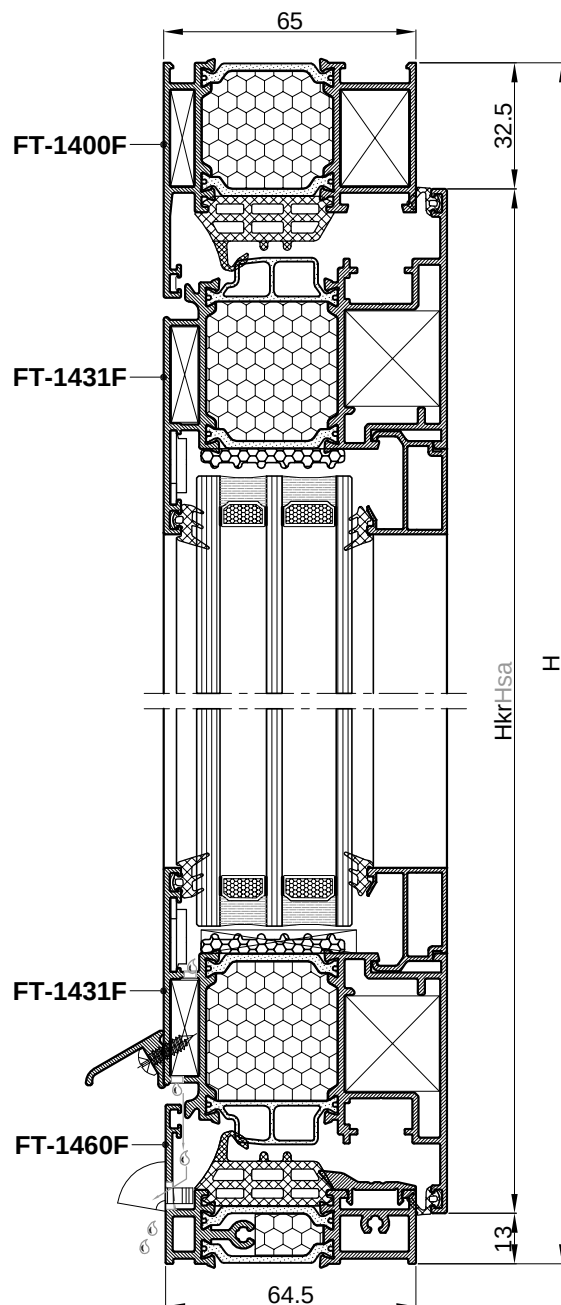
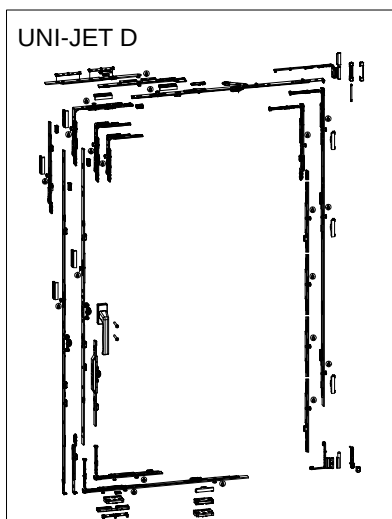


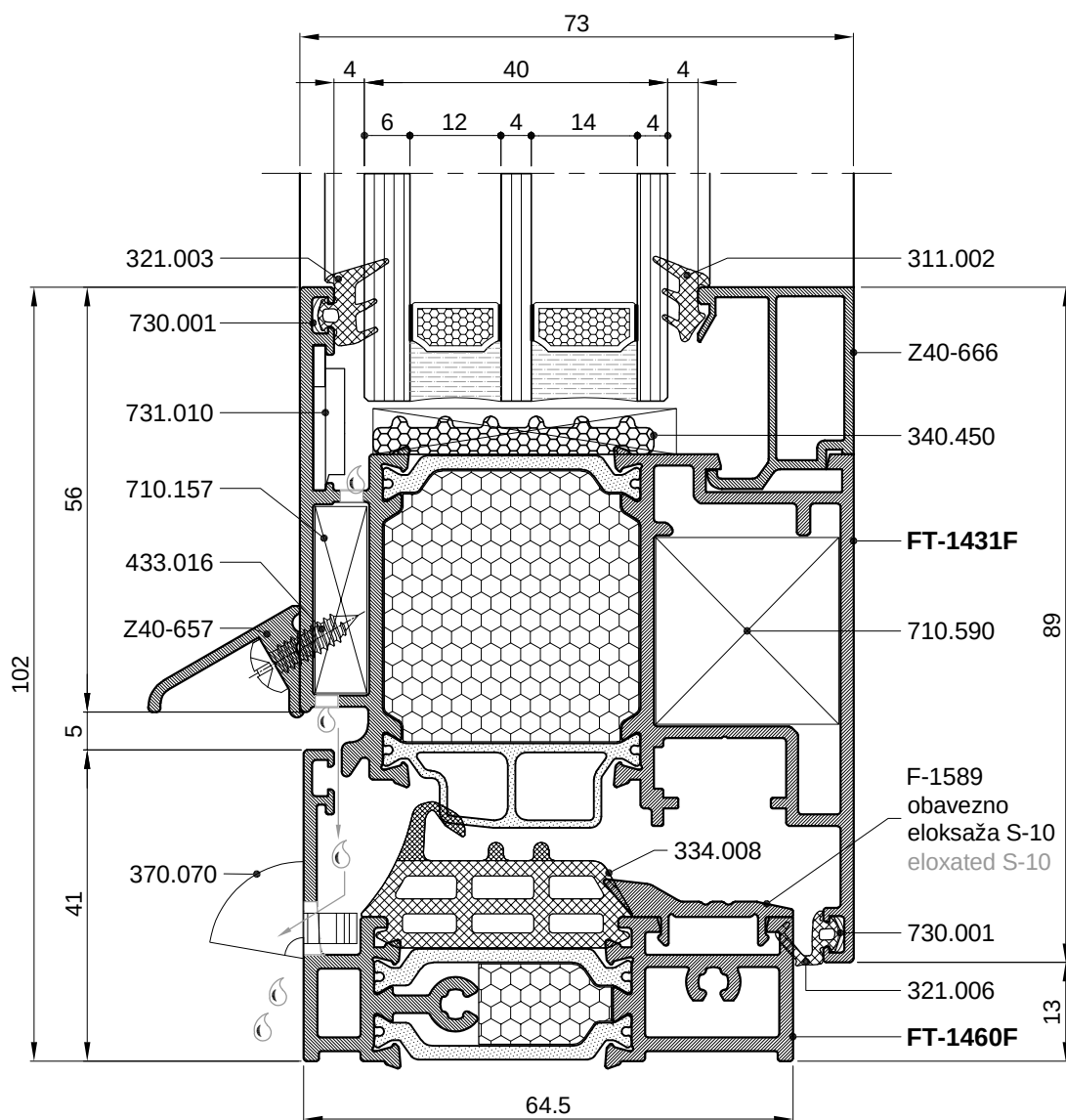
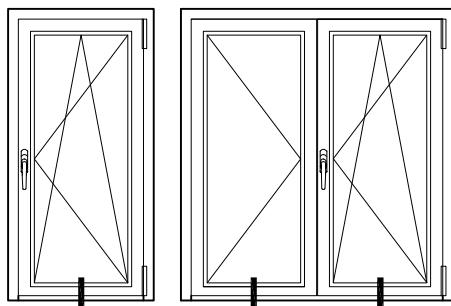


JEDNOKRILNA BALKONSKA VRATA - NISKI PRAG  
SINGLE BALCONY DOOR - LOW THRESHOLD

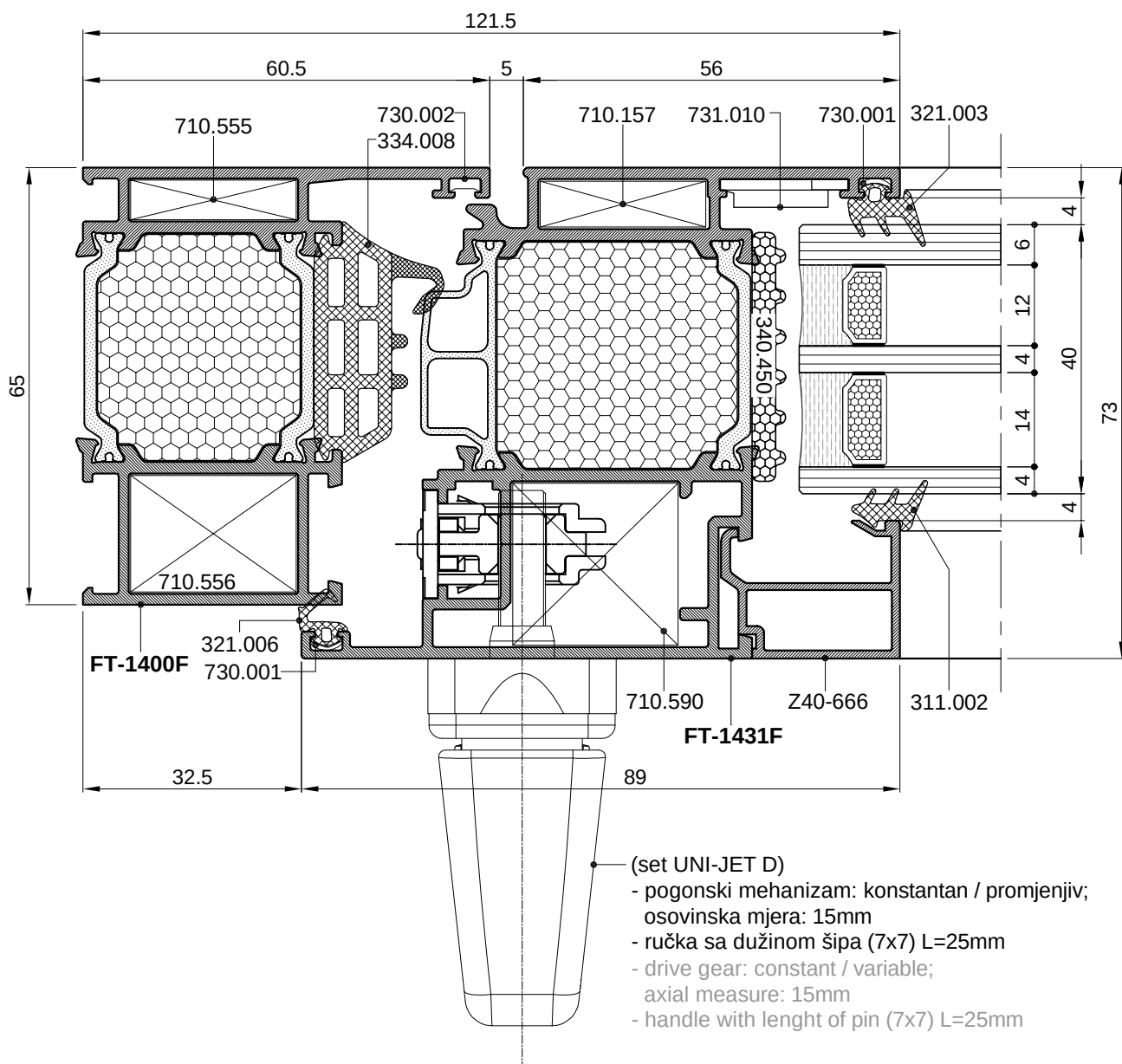
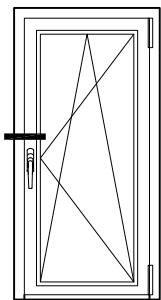


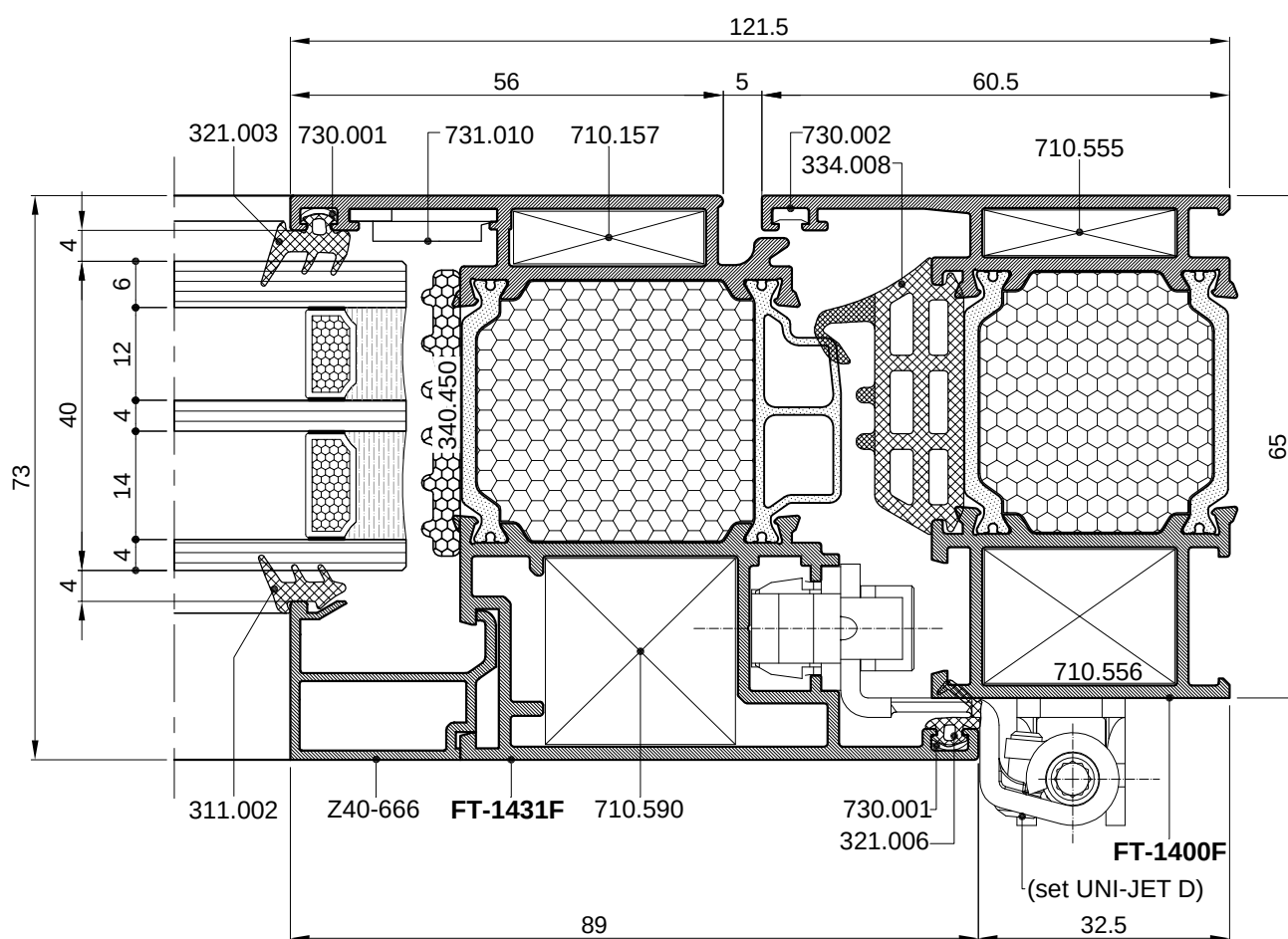
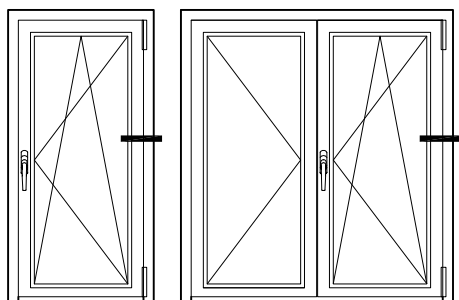
(Otklopno-zaokretni mehanizam- GU)  
(Tilt & turn mechanism- GU)

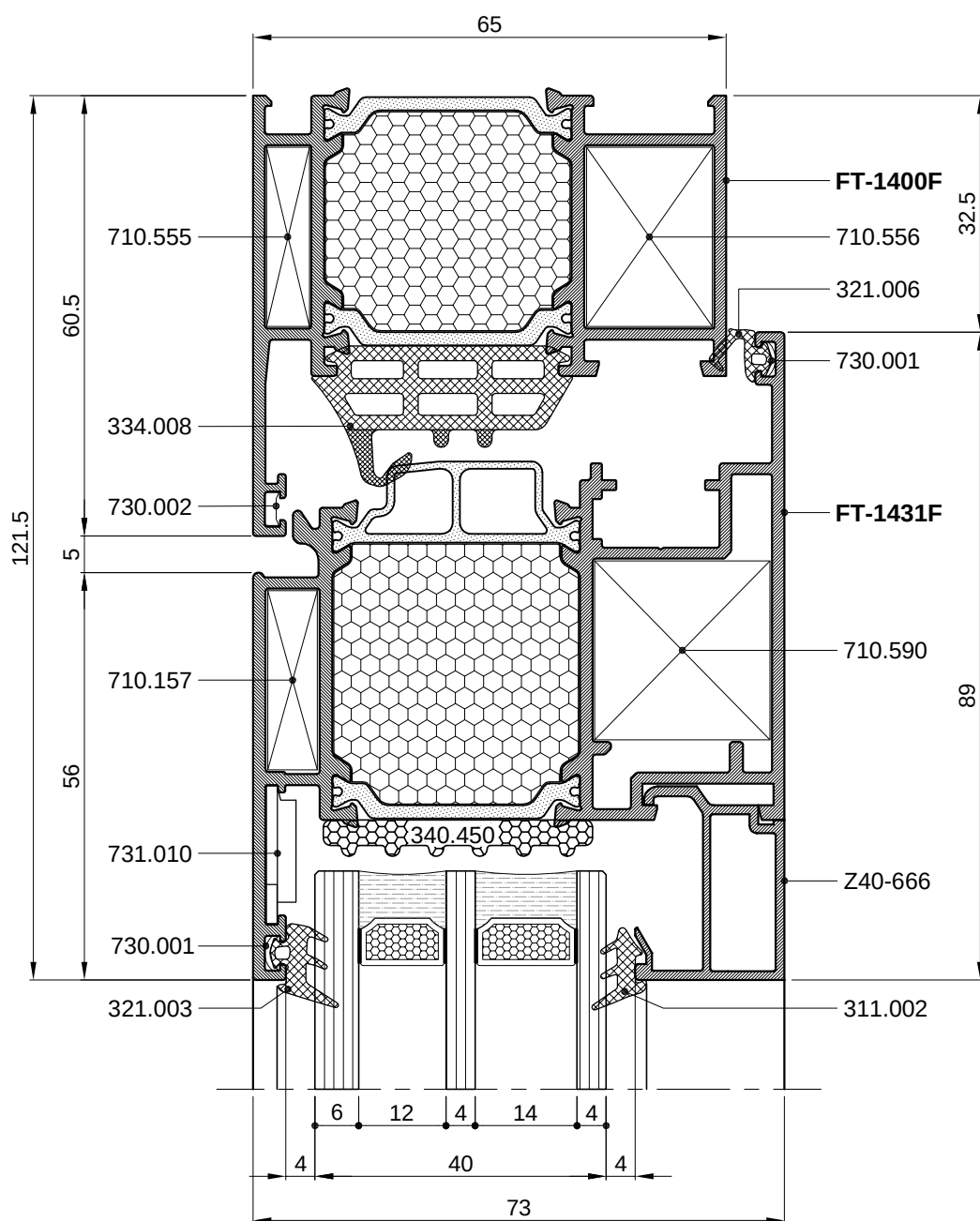
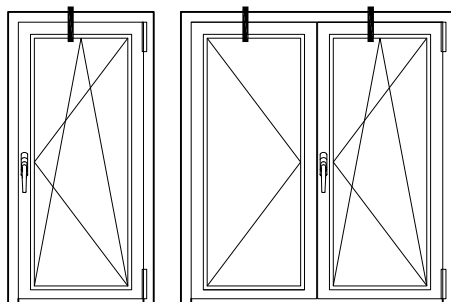


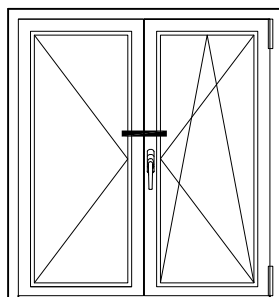




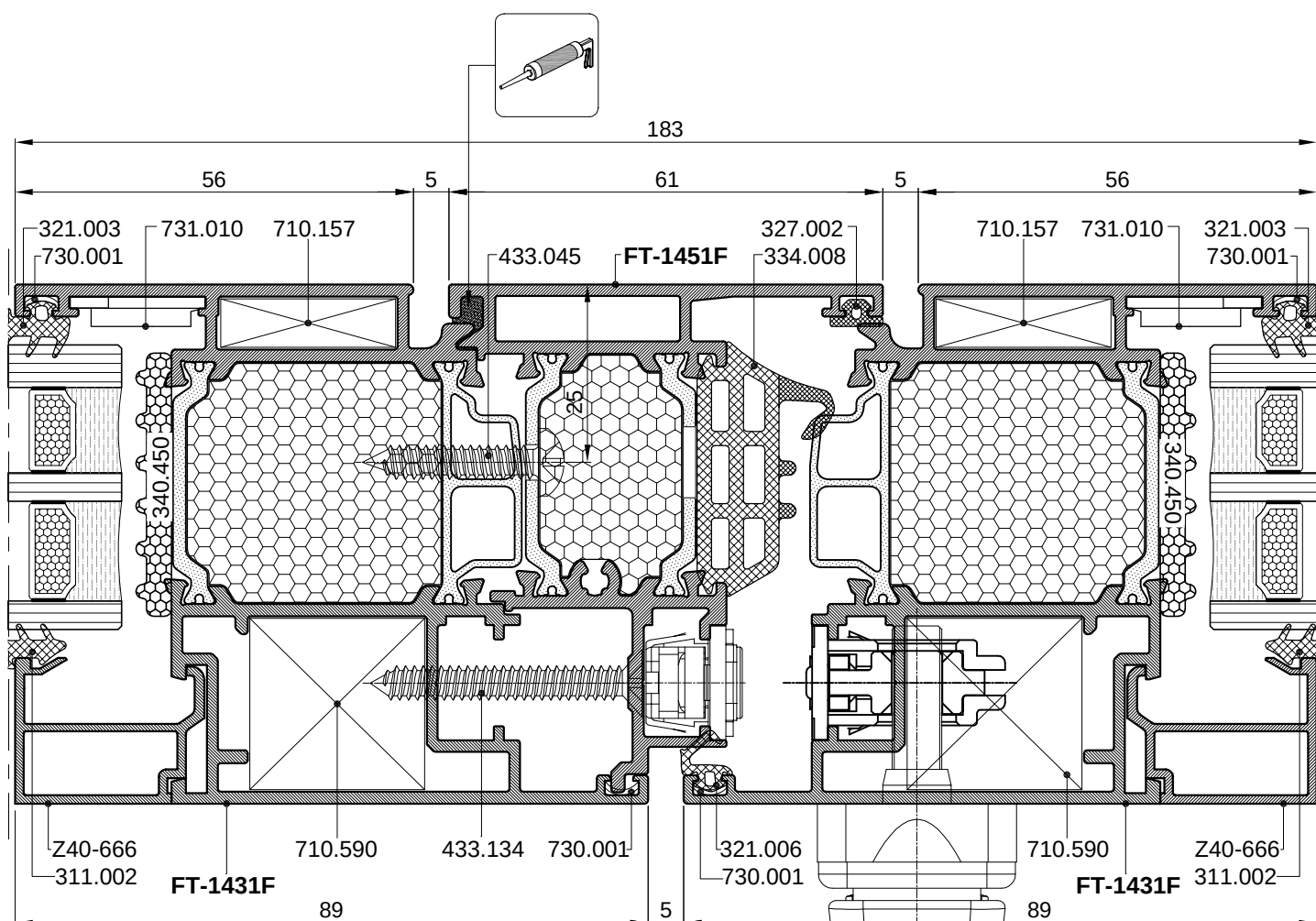




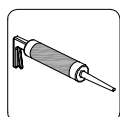
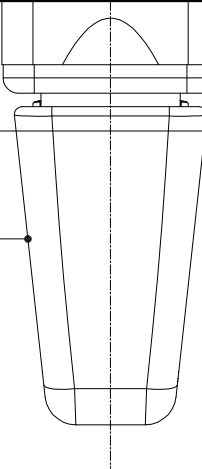




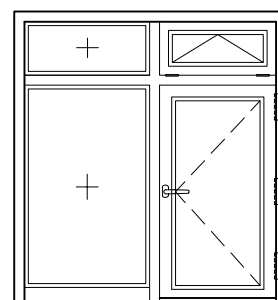
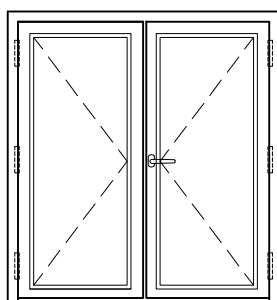
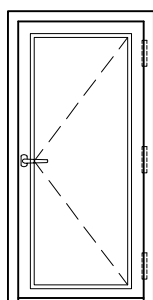
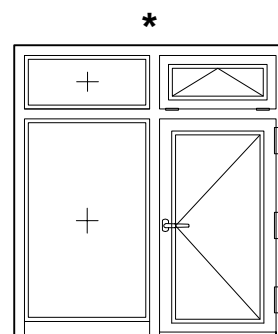
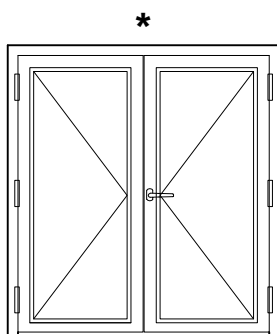
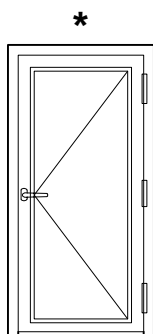
Okov za fiksiranje pomoćnog krila  
(montiranje okova u kombatutu)  
Locking mechanism for auxiliary sash  
(mechanism in the flying mullion)



- (set UNI-JET D)
- pogonski mehanizam: konstantan / promjenjiv;  
osovinska mjera: 15mm
  - ručka sa dužinom šipa (7x7) L=25mm
  - drive gear: constant / variable;  
axial measure: 15mm
  - handle with length of pin (7x7) L=25mm



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



Otvaranje vani  
Outwards opening

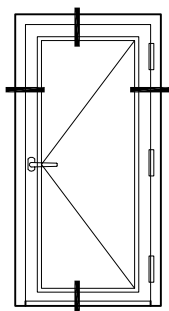
Otvaranje vani  
Outwards opening

Otvaranje vani  
Outwards opening

\* Mogućnost ugradnje profila krila vrata sa jednostranom i obostranom al. oblogom

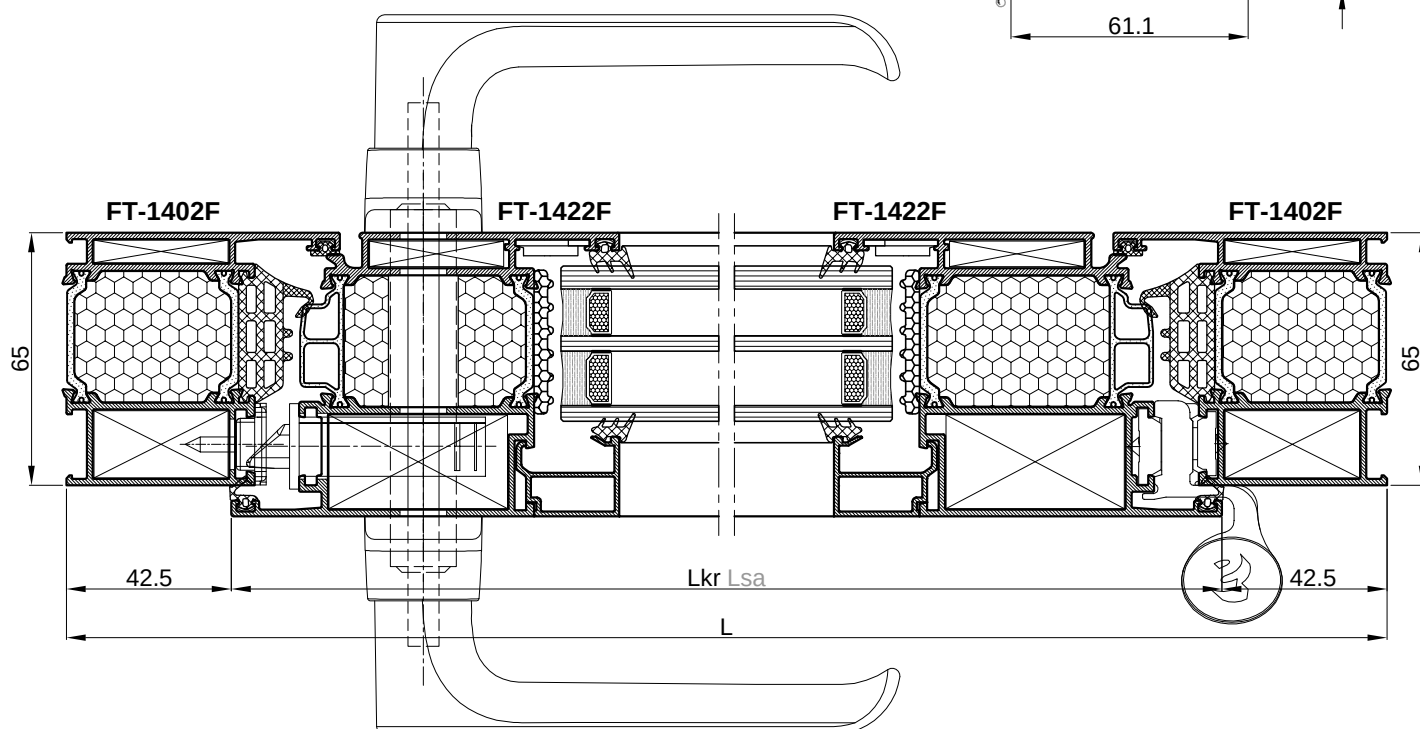
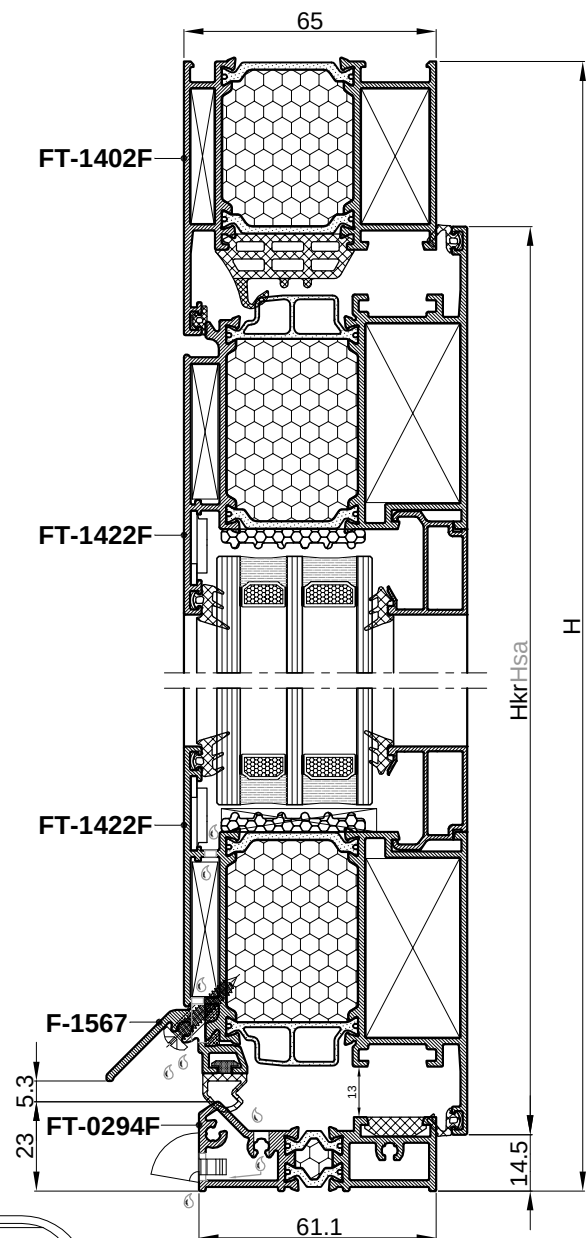
\* Possible instalation of leaf profile with single and double-sided al. lining

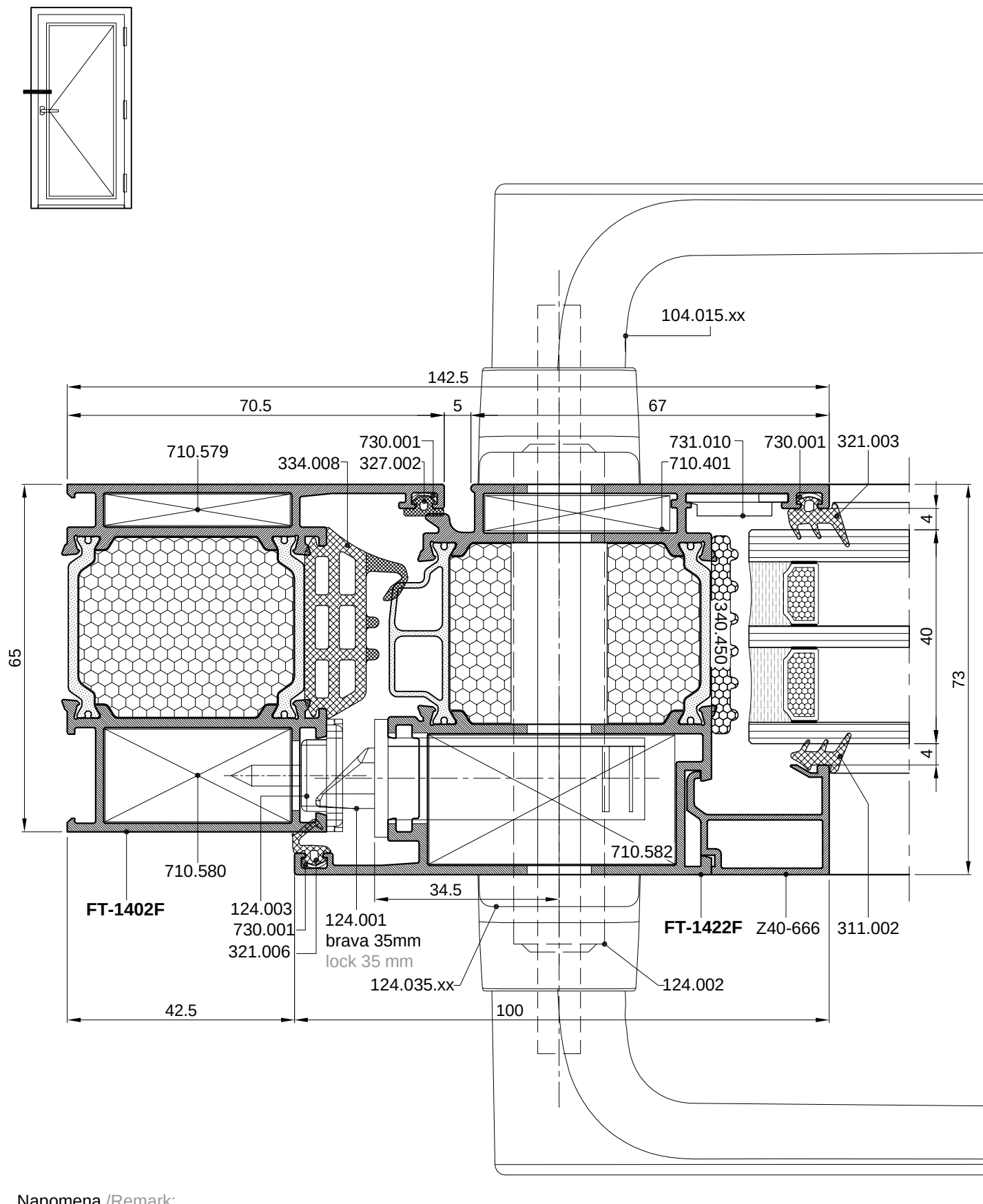
### JEDNOKRILNA ULAZNA VRATA, OTVARANJE UNUTRA SINGLE ENTRANCE DOOR, INWARDS OPENING



#### Napomena /Remark:

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

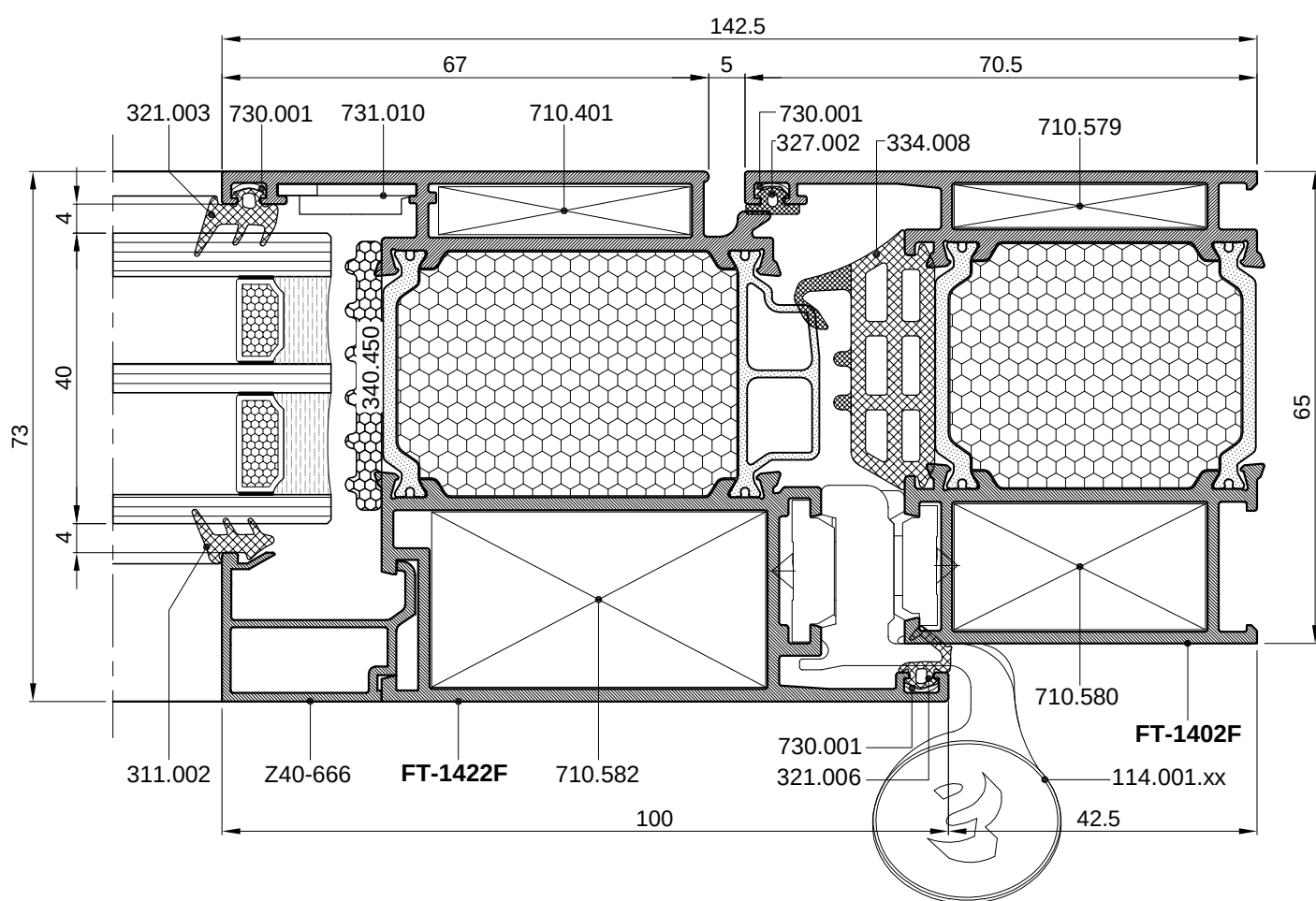
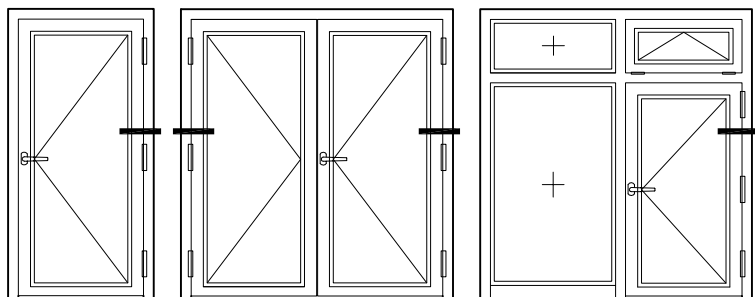




### Napomena /Remark:

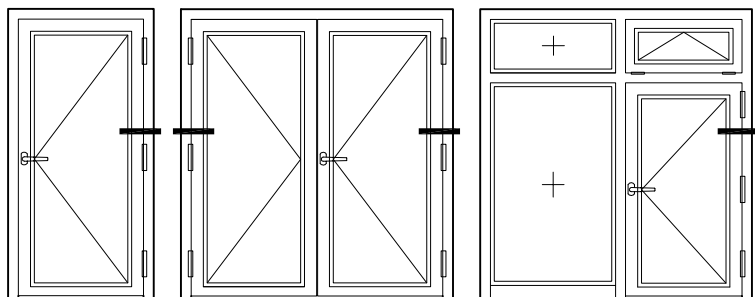
- Krilo vrata za bravu 35mm
- Brava 35mm sa jezičkom...(124.001)
- Door leaf for lock 35mm
- Lock 35mm with latchbolt...(124.001)



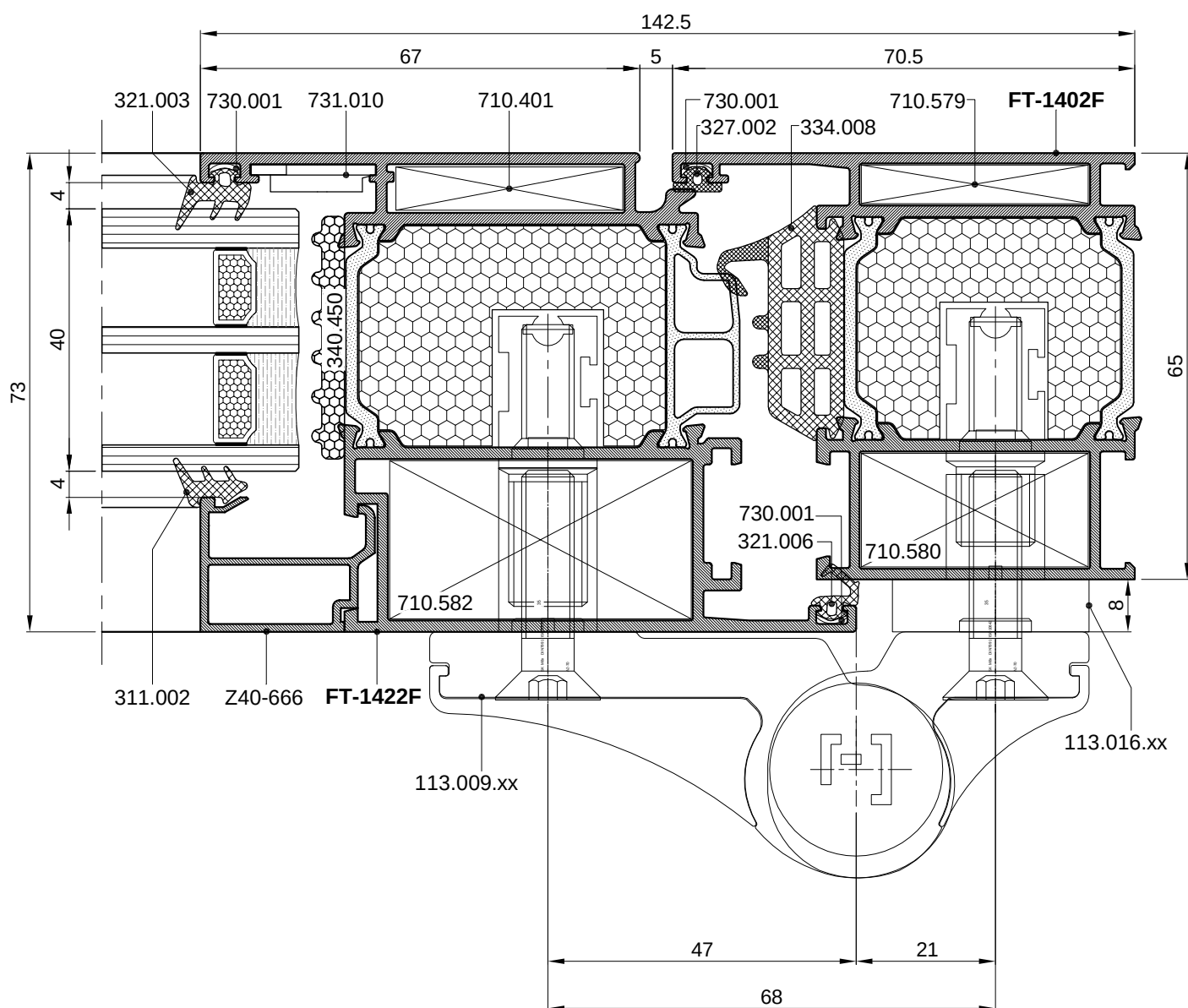


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm

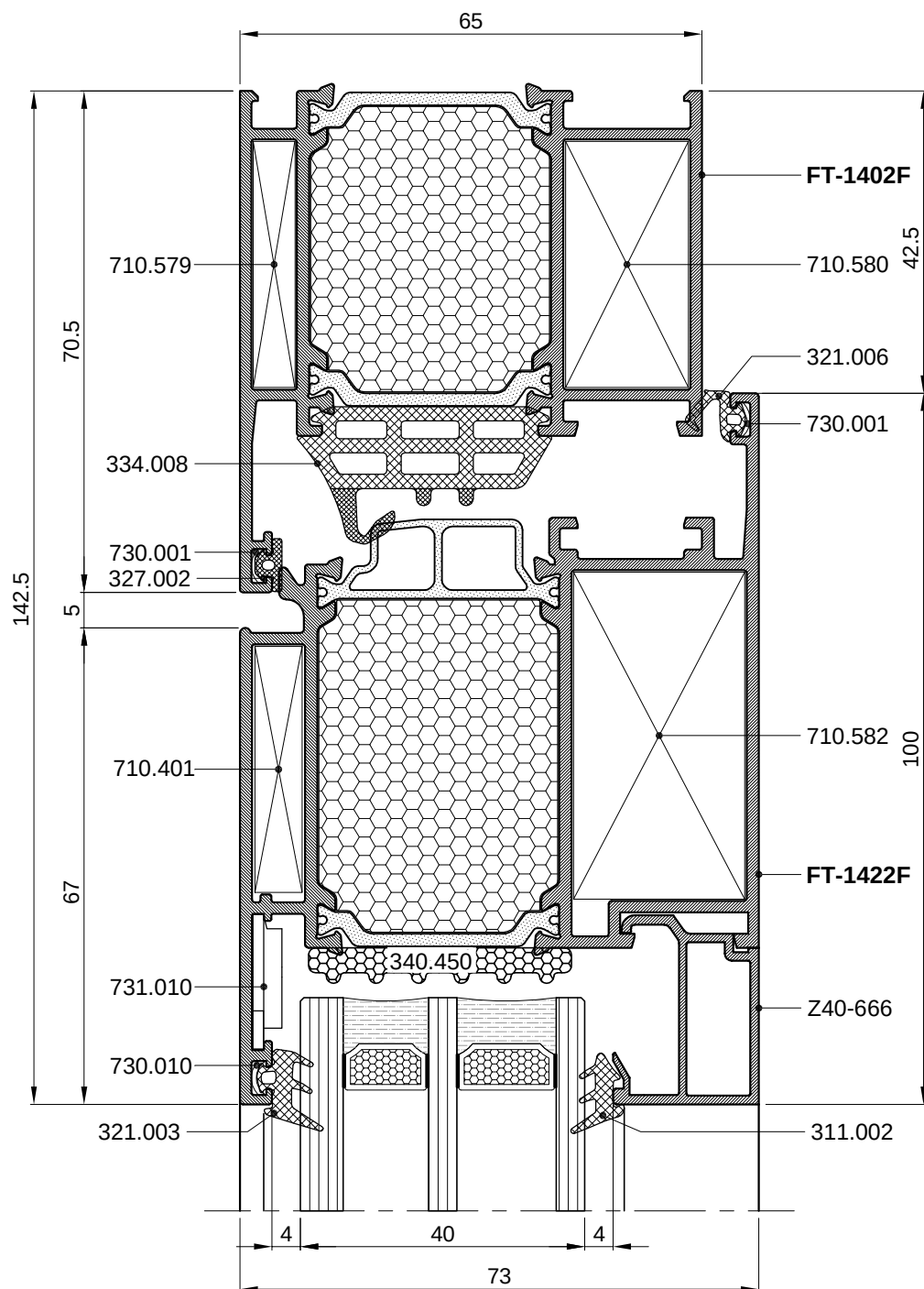
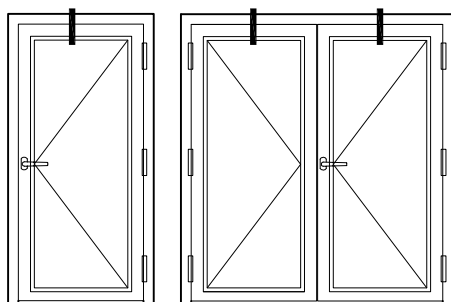




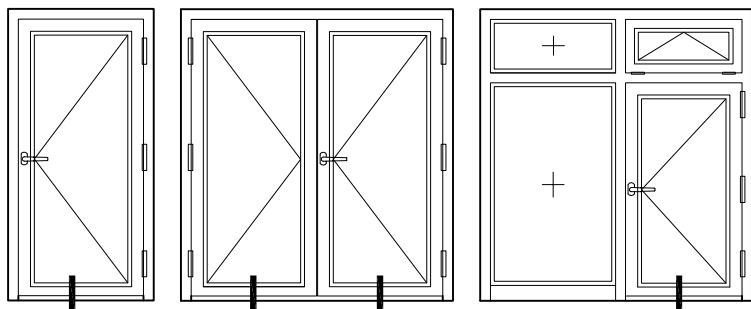
SET USADNIH BAGLAMA - OSNO 68 mm  
UGRAĐUJE SE U KRILO VRATA FT-1422F (OTVARANJE UNUTRA)  
SET OF SCREW-IN HINGES - AXIAL DISTANCE 68 mm  
INSTALLED IN DOOR LEAF FT-1422F (INWARDS OPENING)



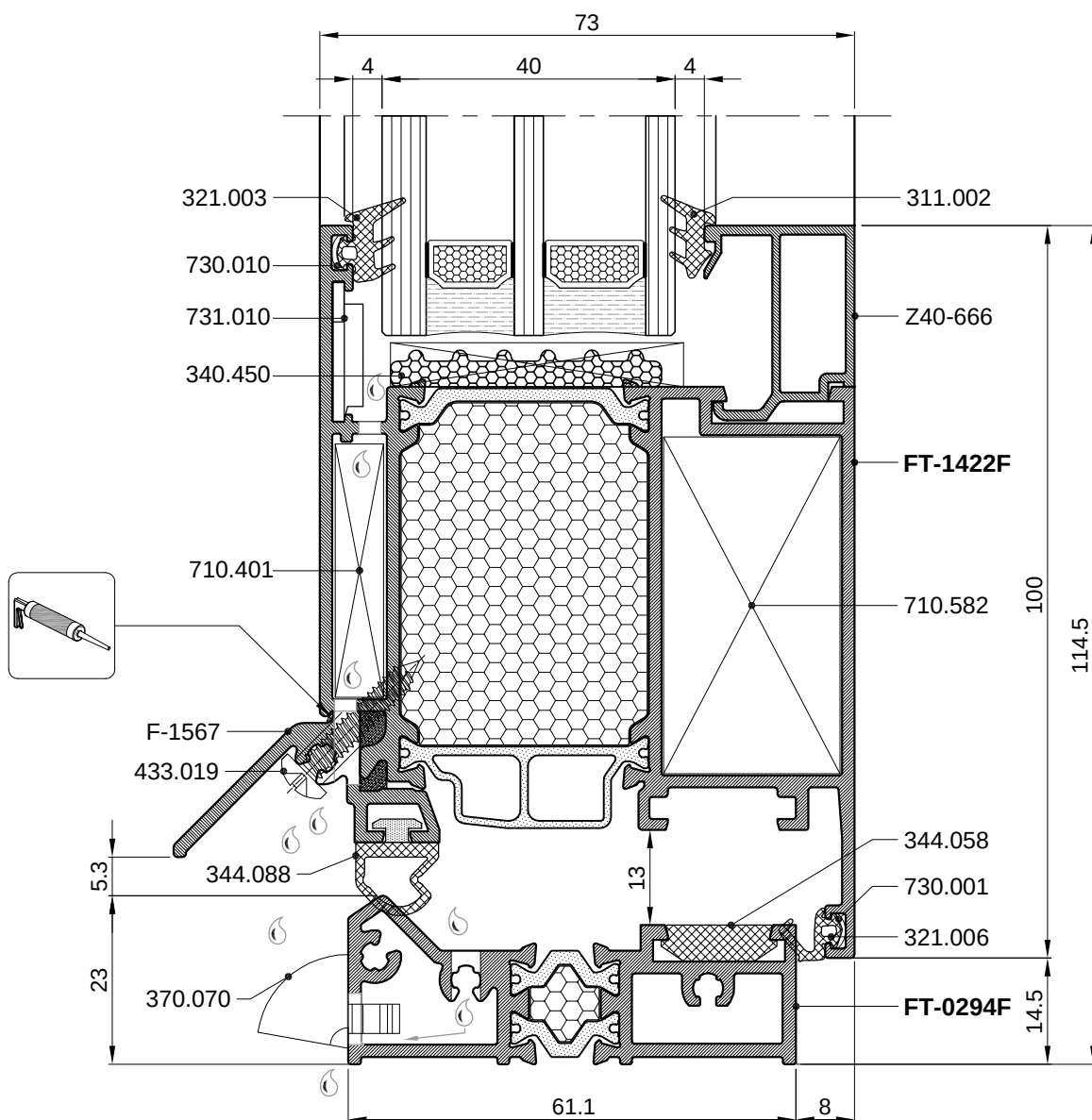
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



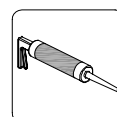
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



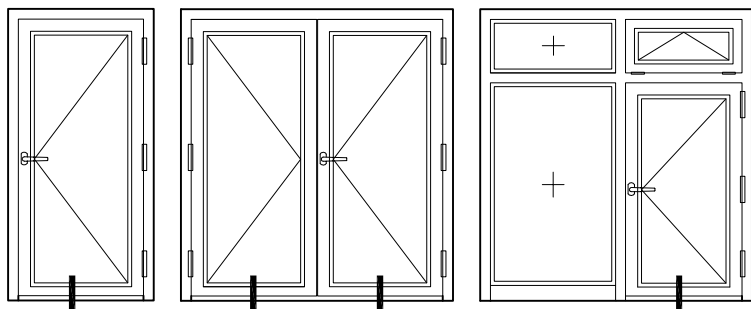
VRATA S PRAGOM  
(OTVARANJE UNUTRA)  
DOOR WITH THRESHOLD  
(INWARDS OPENING)



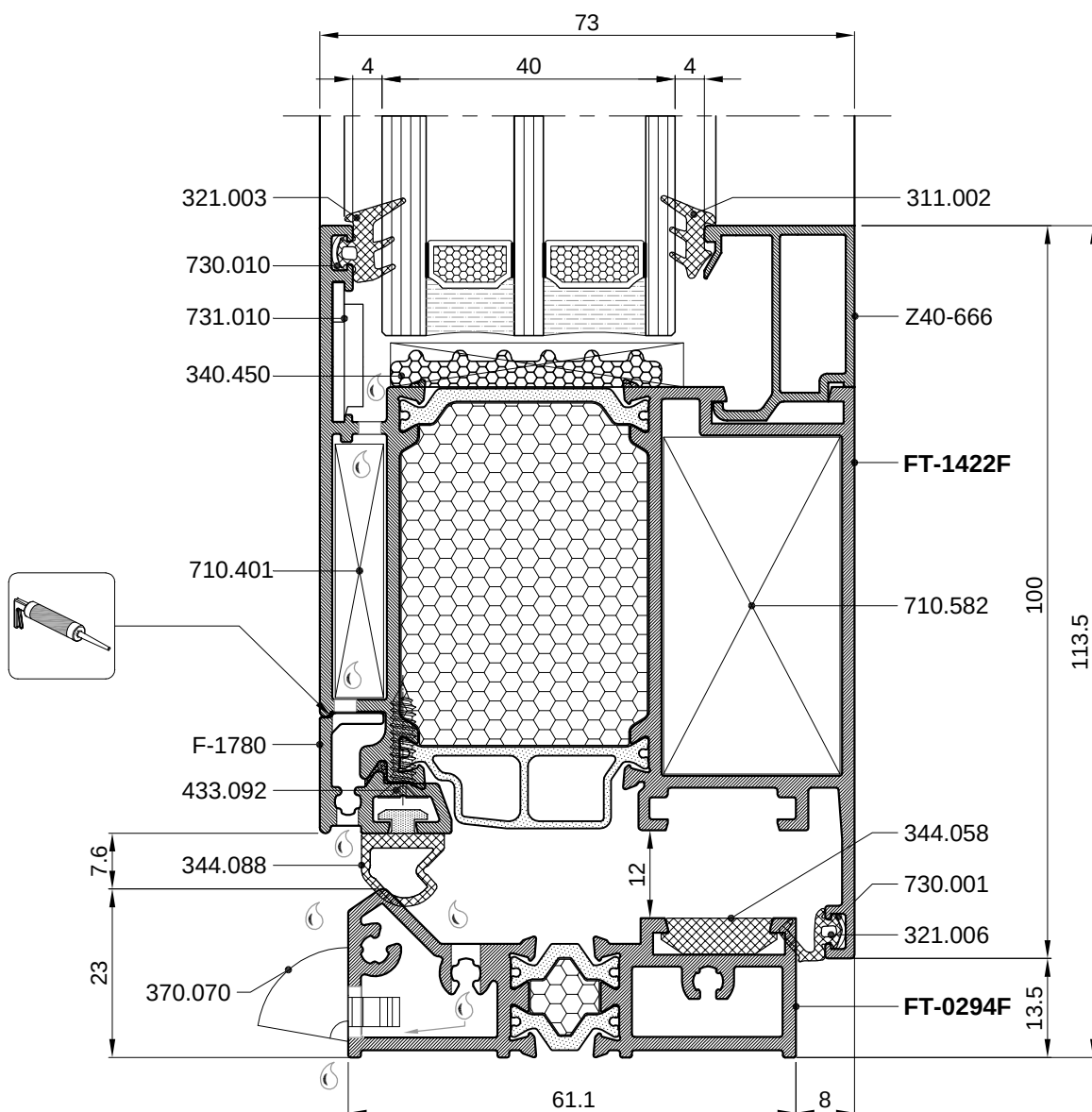
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



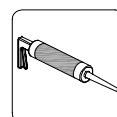
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



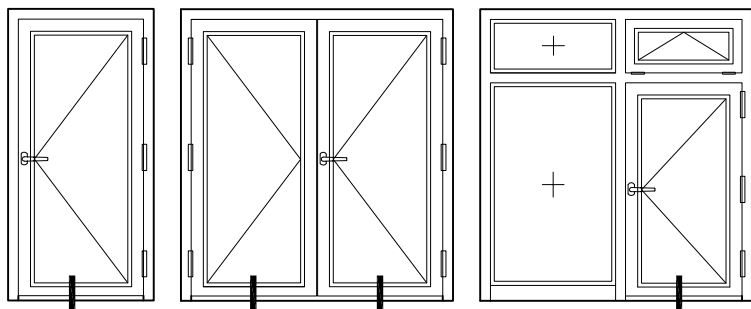
VRATA S PRAGOM  
(OTVARANJE UNUTRA)  
DOOR WITH THRESHOLD  
(INWARDS OPENING)



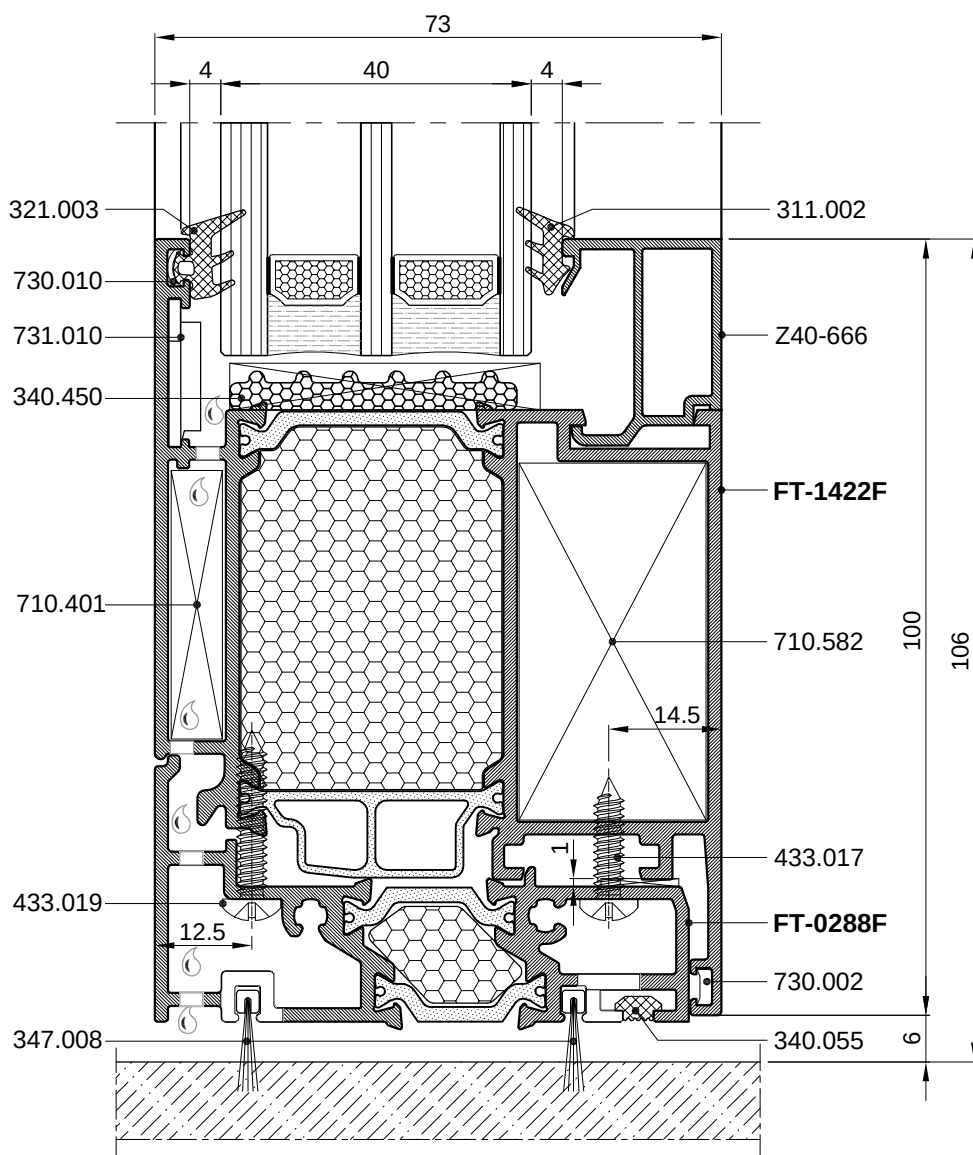
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



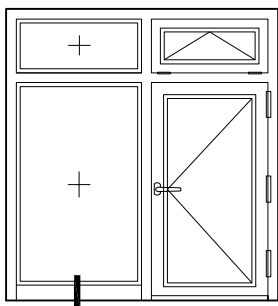
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



VRATA BEZ PRAGA  
(OTVARANJE UNUTRA)  
DOOR WITHOUT THRESHOLD  
(INWARDS OPENING)



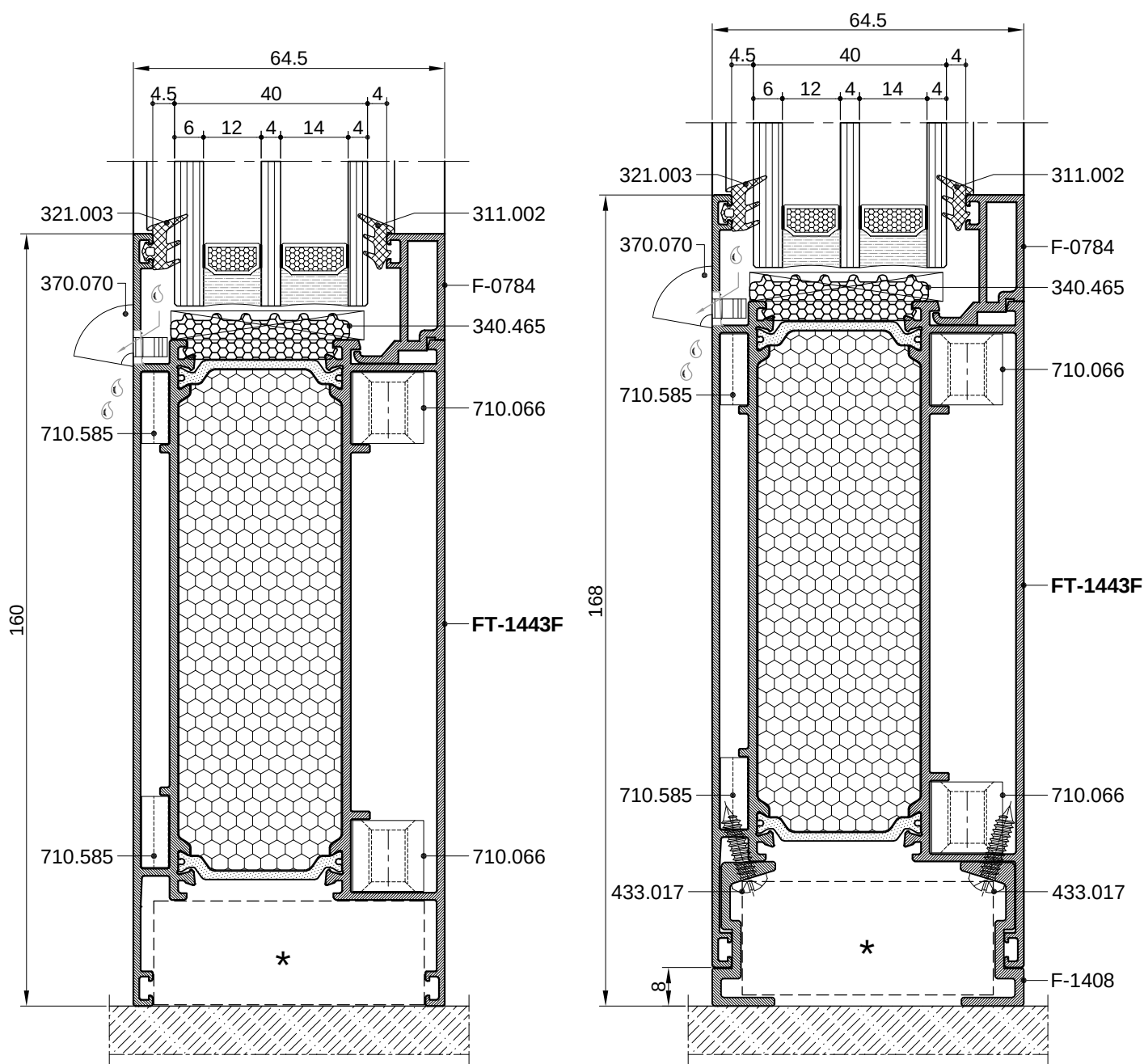
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



### FT-1443F

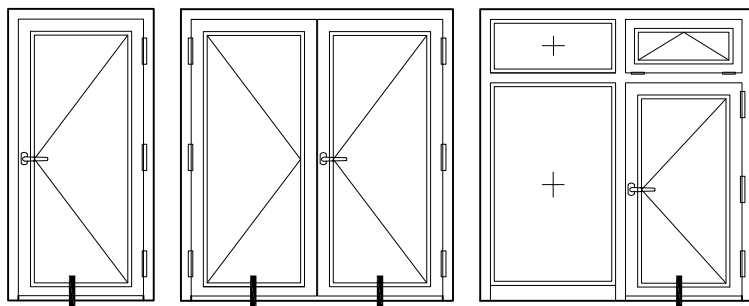
Profil parapetne prečke za ram /prečku

Bottom crossbar profile for frame /crossbar



\* Zbog boljih termičkih karakteristika, u donjem dijelu profila moguće je ugraditi dodatnu XPS ispunu.  
For better insulation properties, in bottom area instalation of additional XPS infill is possible.

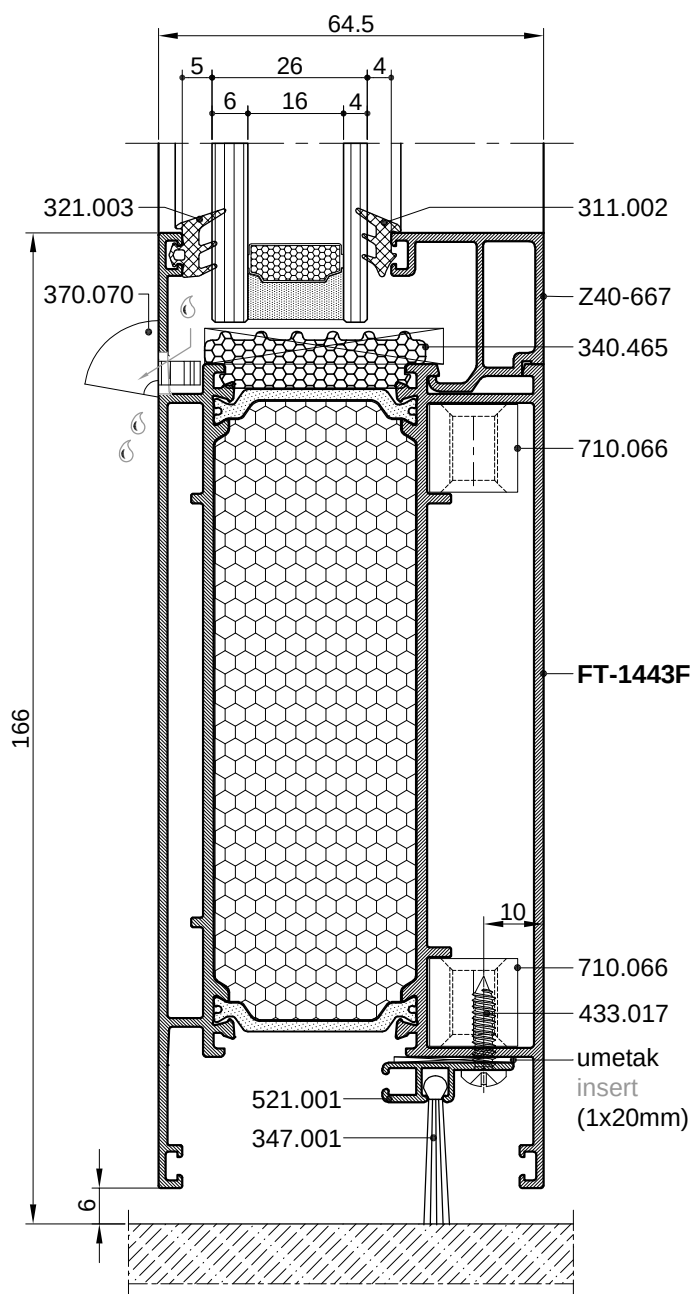




VRATA BEZ PRAGA  
(OTVARANJE UNUTRA I VANI)  
DOOR WITHOUT THRESHOLD  
(INWARDS AND OUTWARDS OPENING)

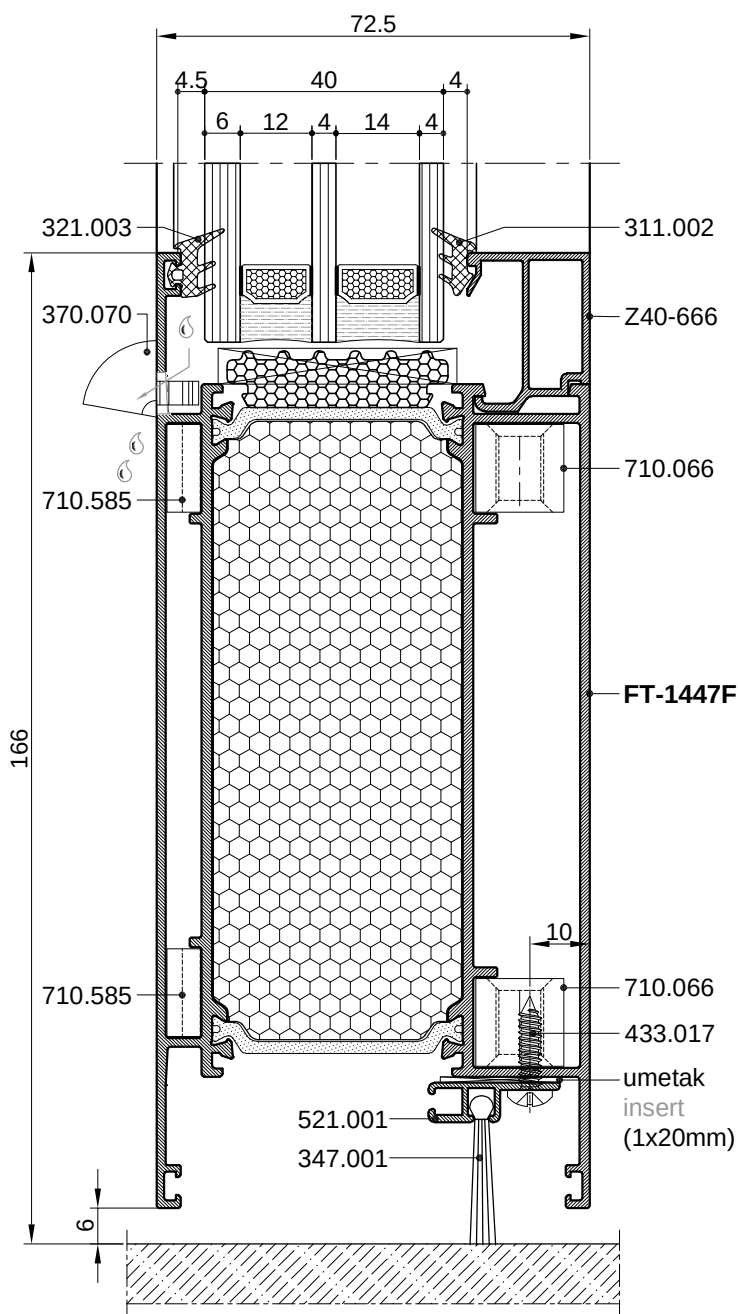
### FT-1443F

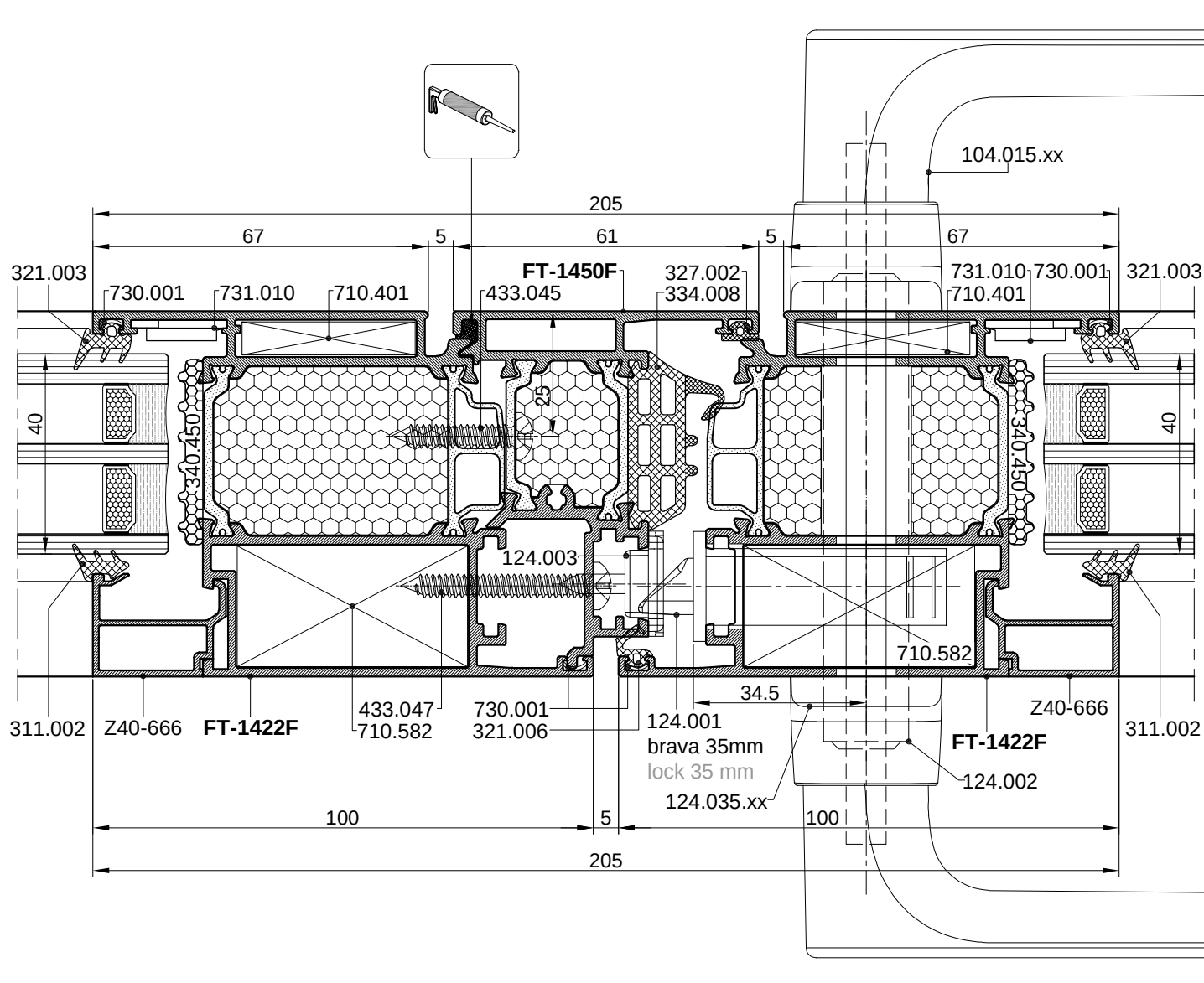
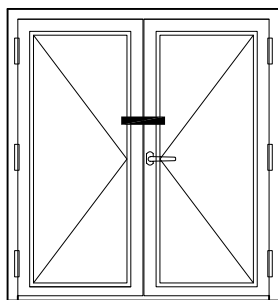
Profil parapetne prečke  
za zaobljena krila (otvaranje unutra)  
Bottom crossbar profile  
for rounded sashes (inwards opening)



### FT-1447F

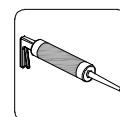
Profil parapetne prečke  
za ravna krila (otvaranje unutra i vani)  
Bottom crossbar profile  
for flat sashes (inwards and outwards opening)





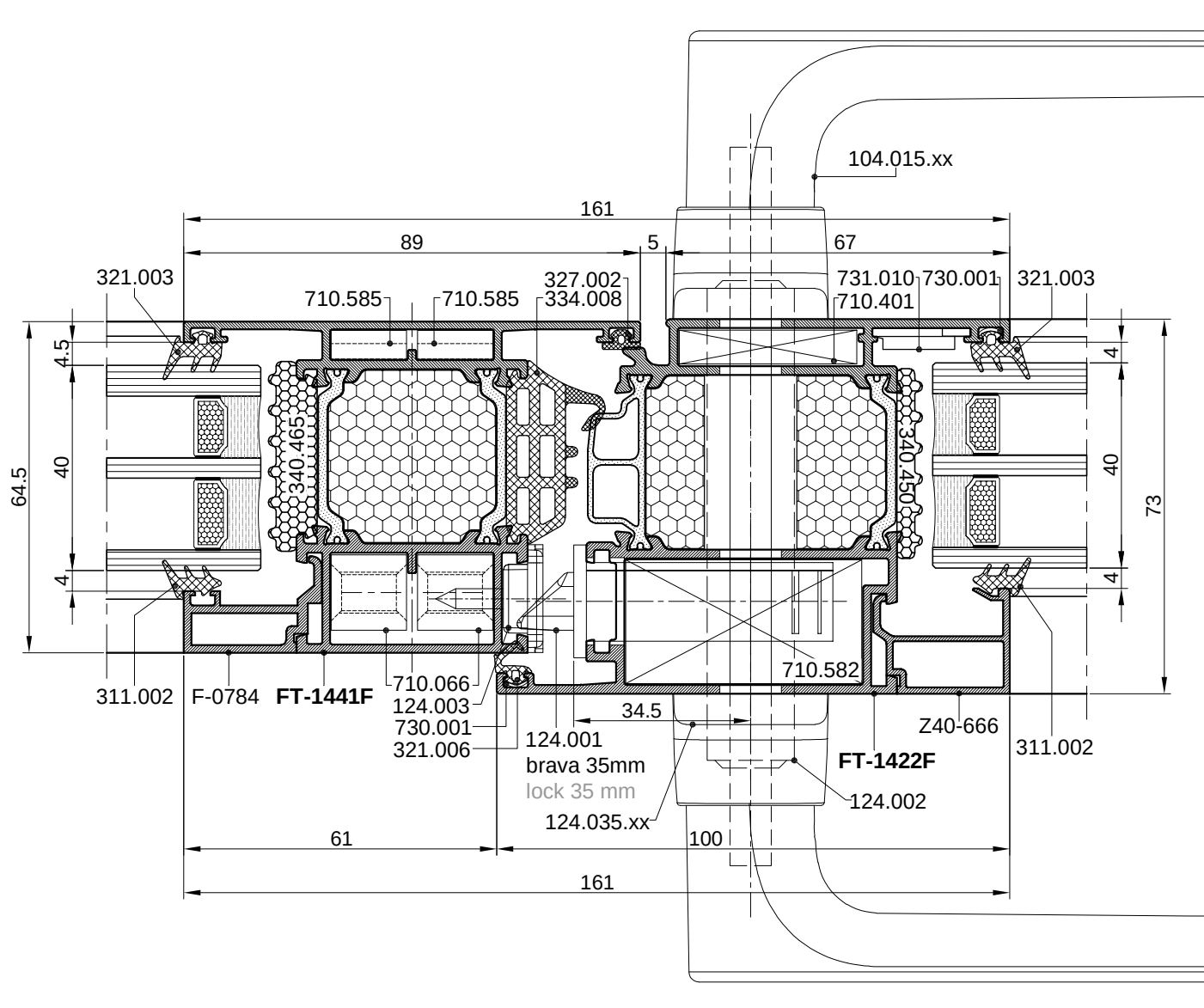
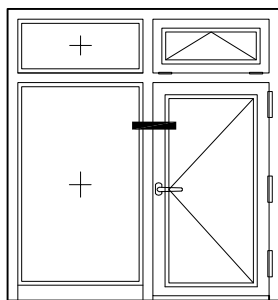
### Napomena /Remark:

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



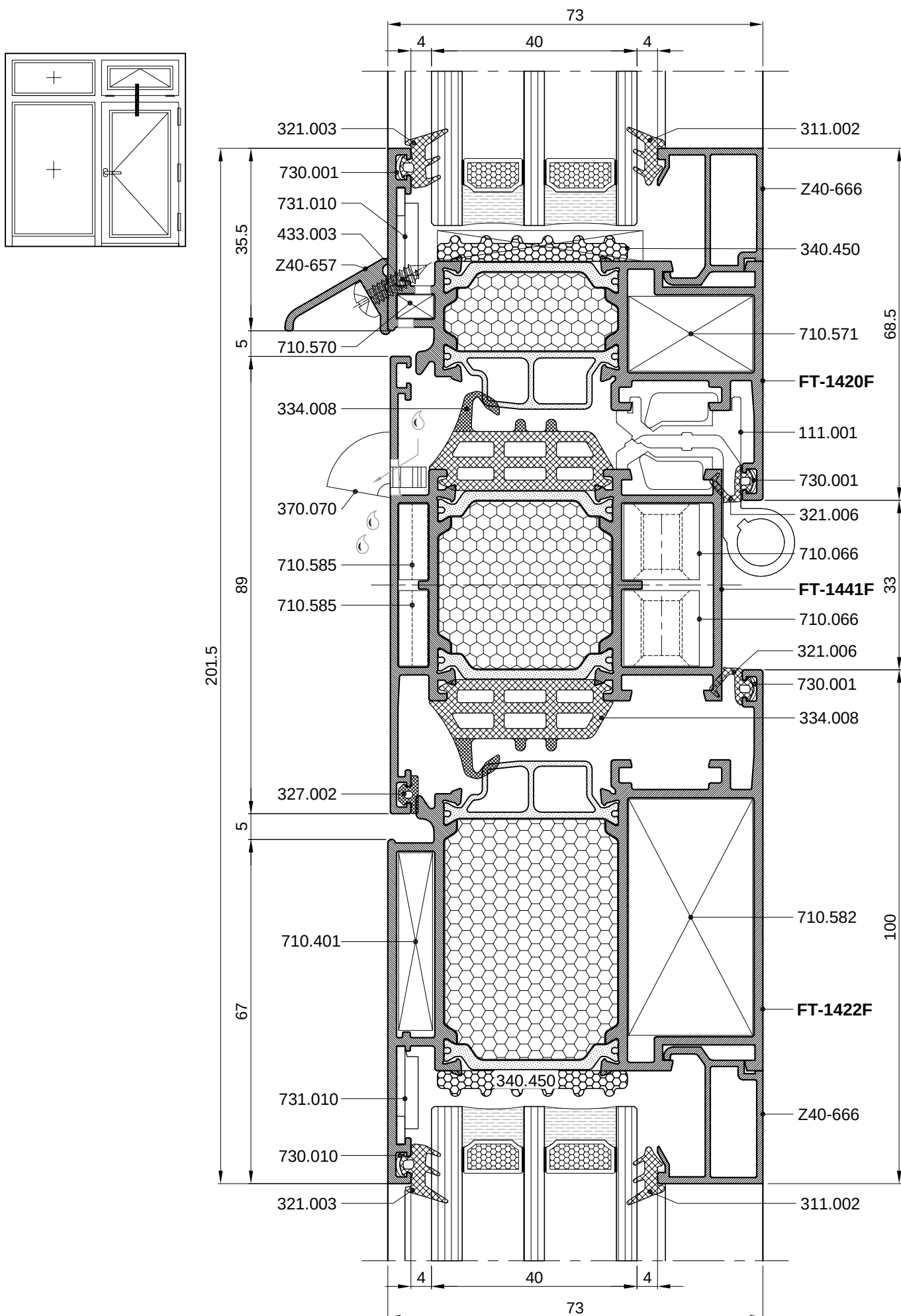
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

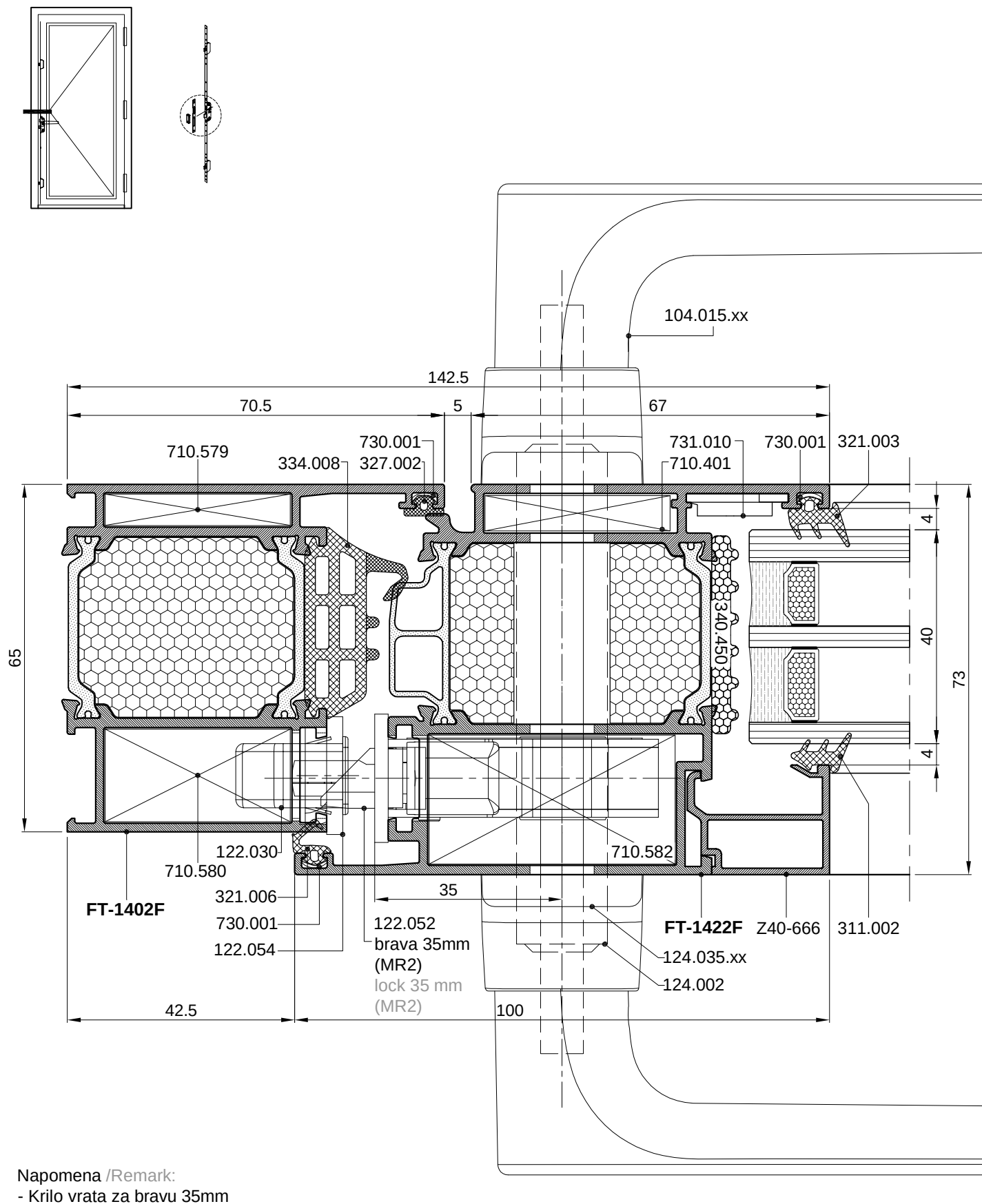




Napomena /Remark:

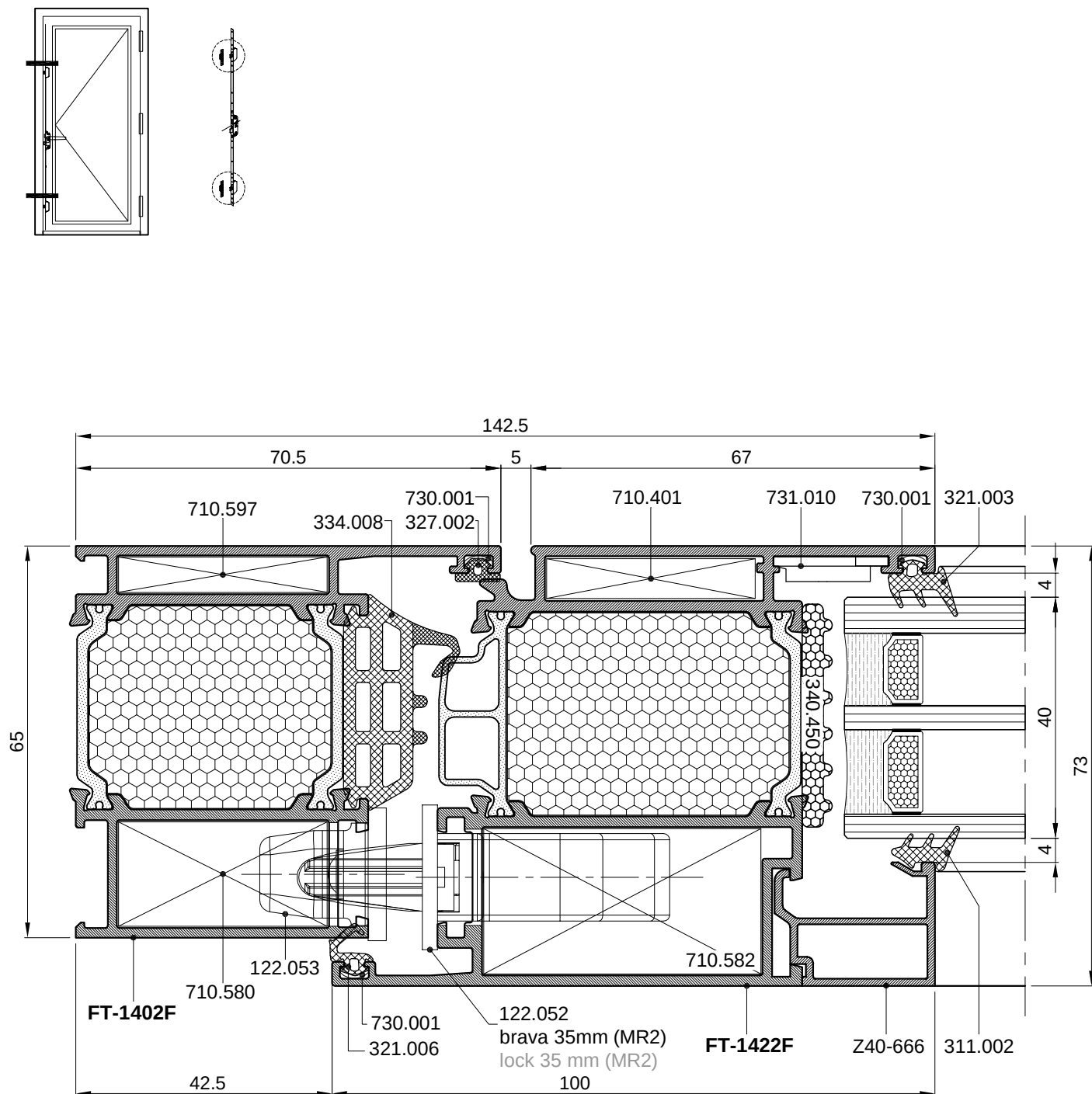
- Krilo vrata za bravu 35mm
- Brava 35mm sa jezičkom...(124.001)
- Door leaf for lock 35mm
- Lock 35mm with latchbolt...(124.001)





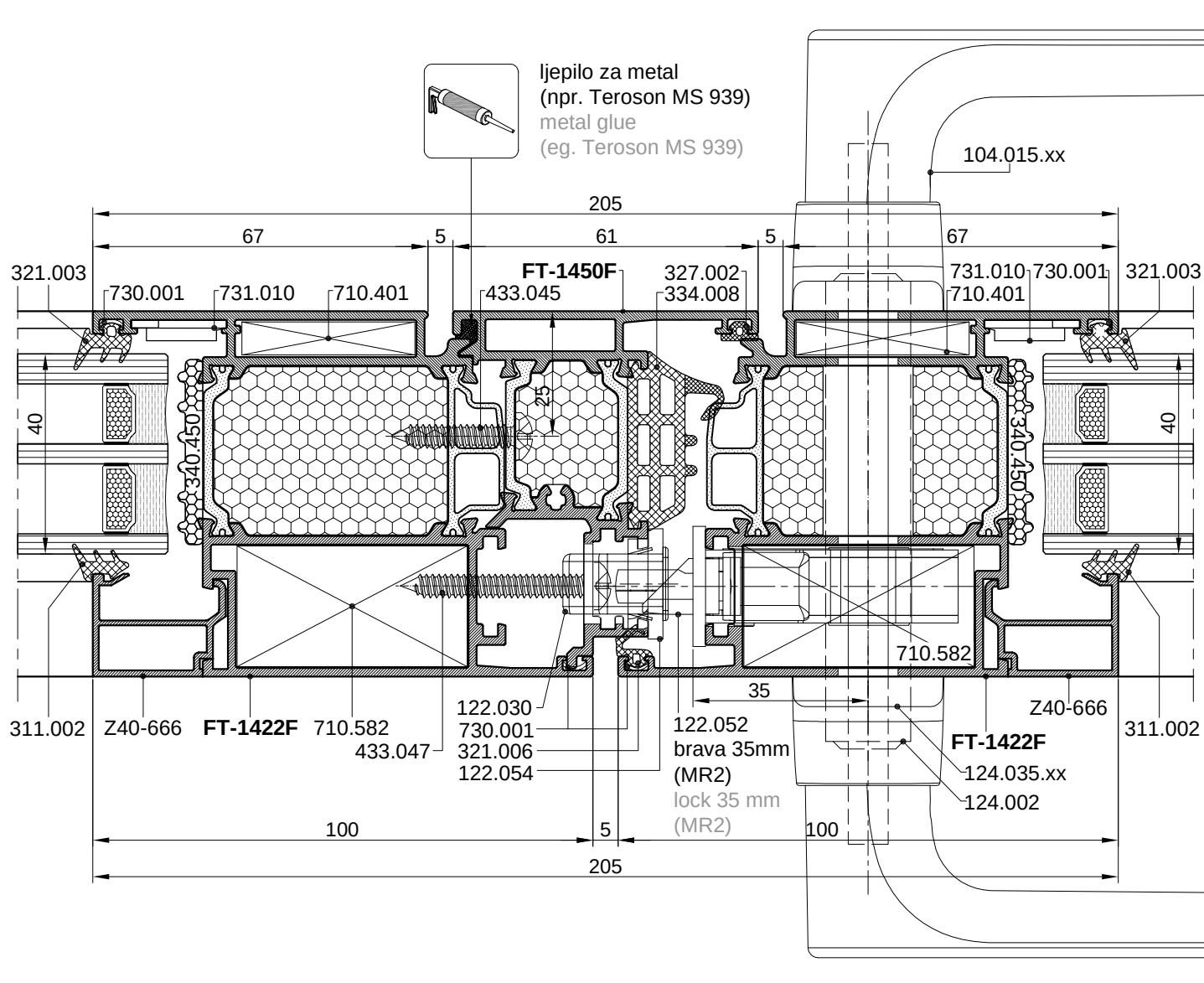
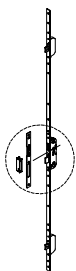
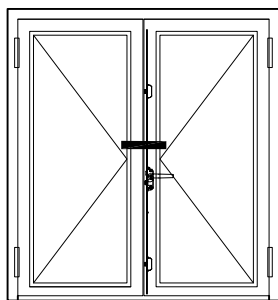
### Napomena /Remark:

- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- U profil rama vrata moguća je ugradnja i elektro otvarača 122.055 (GU) zajedno sa prihvatnim limom 122.054 (GU)
- Door leaf for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)
- An electrical opener 122.055 (GU) can be installed in the door frame profile together with the striking plate



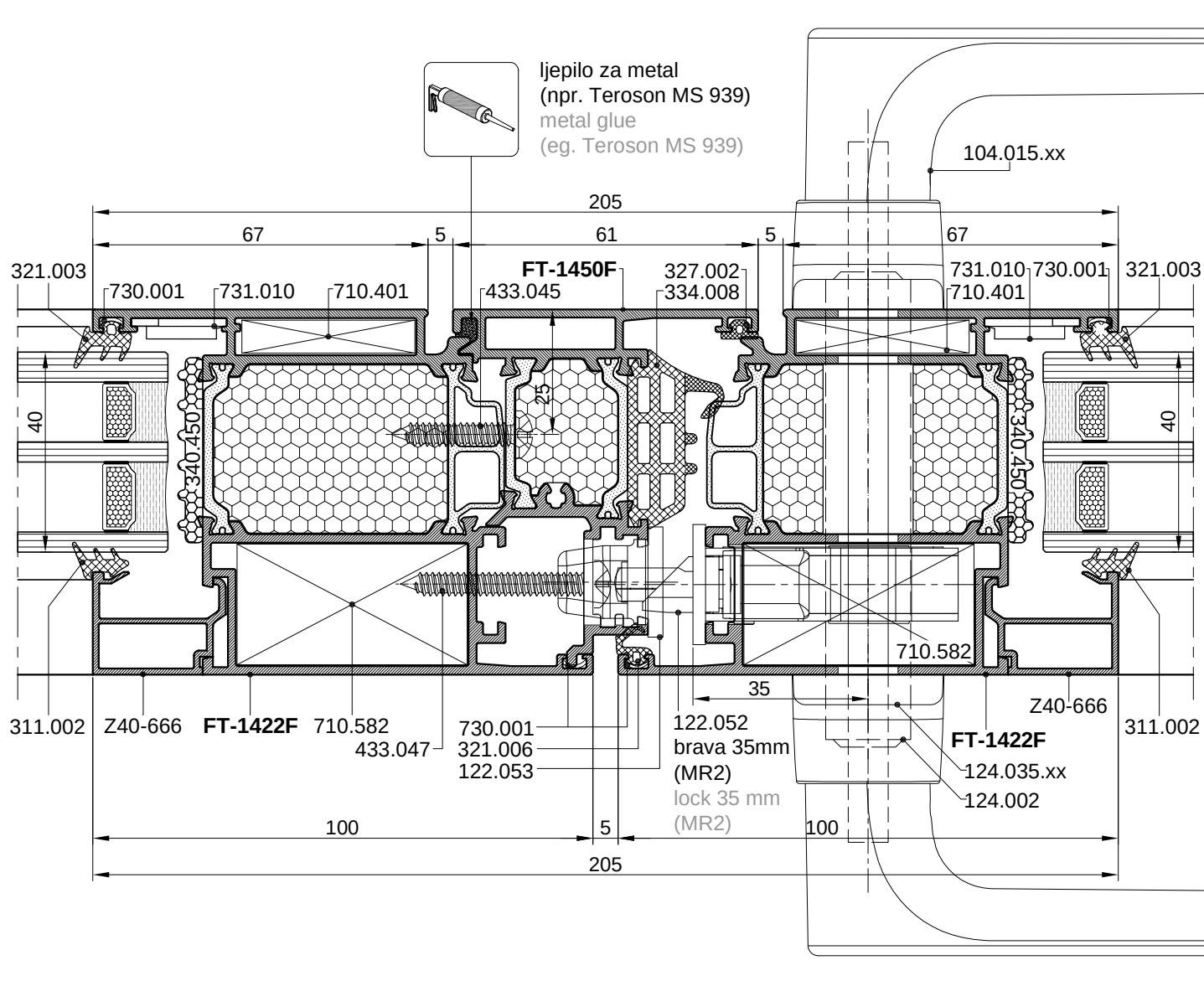
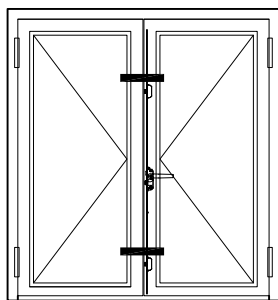
### Napomena /Remark:

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



### Napomena /Remark:

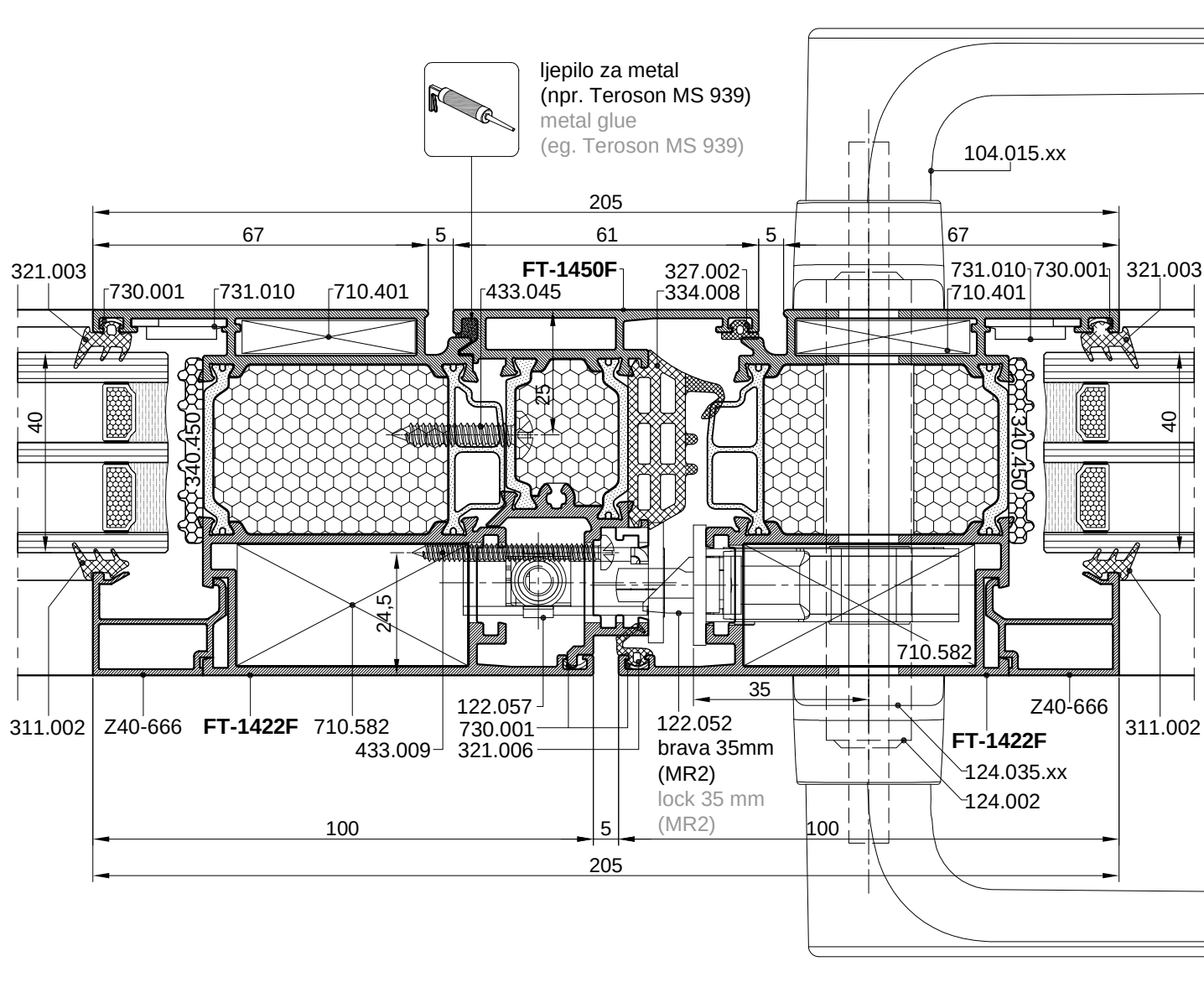
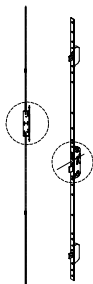
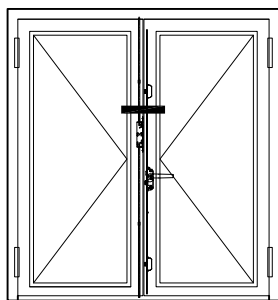
- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- Moguća je ugradnja i elektro otvarača 122.055 (GU) zajedno sa prihvatnim limom 122.054 (GU)  
(ako se koristi elektro otvarač, ključanje pomoćnog krila se izvodi pomoću zapinjača-krakuna 144.003 (Stublina))
- Door sash for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)
- It is possible to install an electrical opener 122.055 (GU) together with the striking plate 122.054  
(if an electrical opener is used, the auxiliary leaf is locked with a door latch 144.003 (Stublina))



### 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)

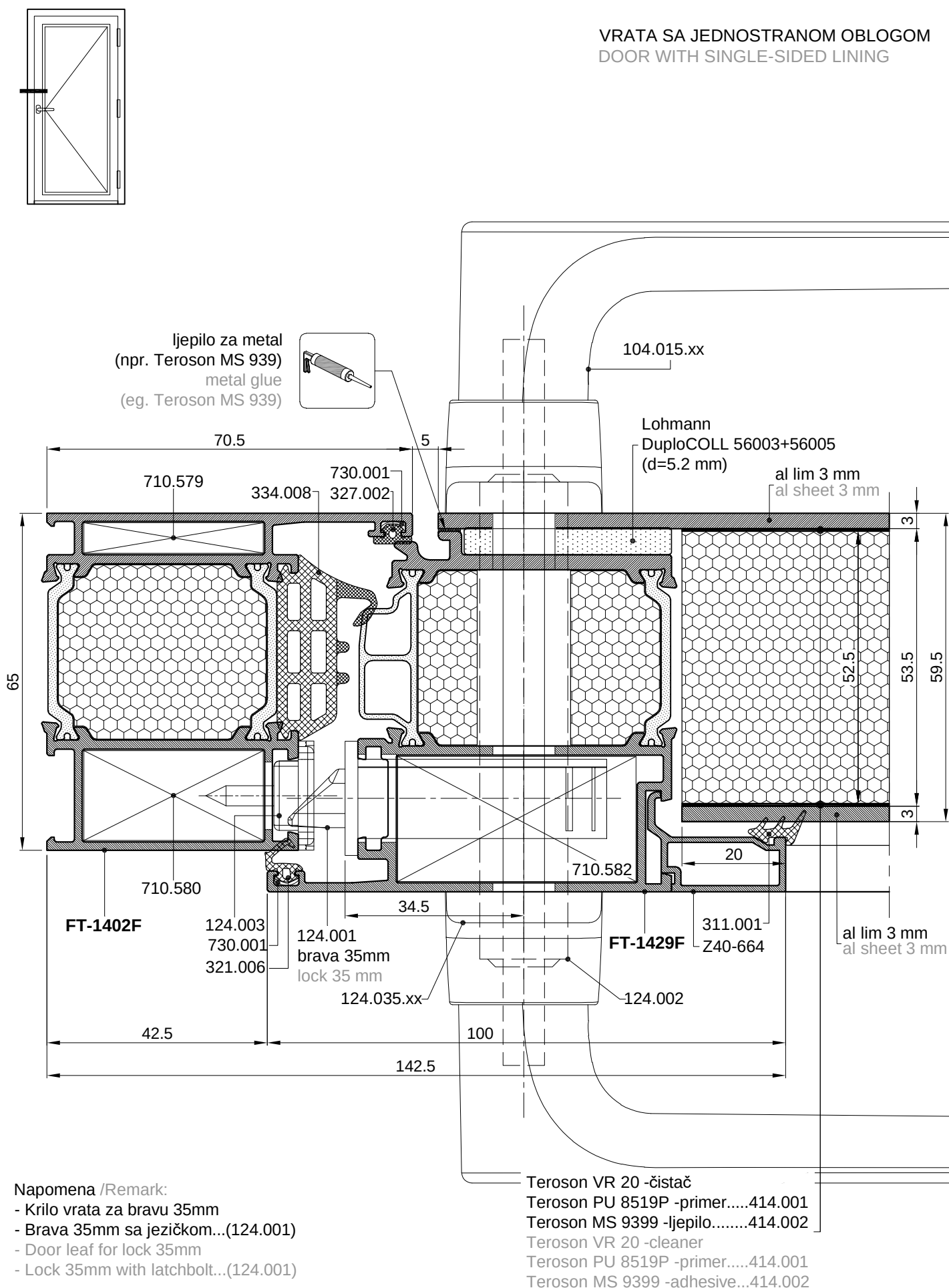




### Napomena /Remark:

- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- Bravica za ključanje pomoćnog krila...(122.057)  
(ako se koristi elektro otvarač nije moguća ugradnja bravice 122.057)
- Door sash for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)
- Lock for the auxiliary leaf... (122.057)  
(if an electrical opener is used, it is not possible to install a lock 122.057)

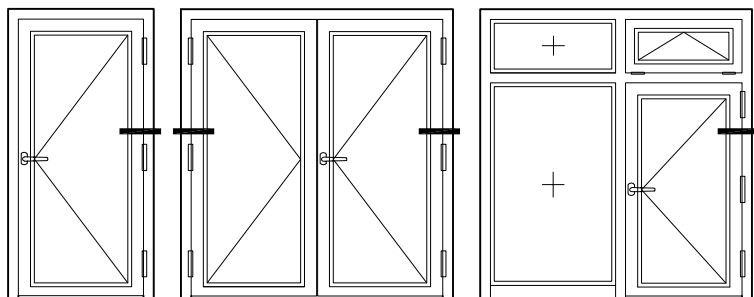
### VRATA SA JEDNOSTRANOM OBLOGOM DOOR WITH SINGLE-SIDED LINING



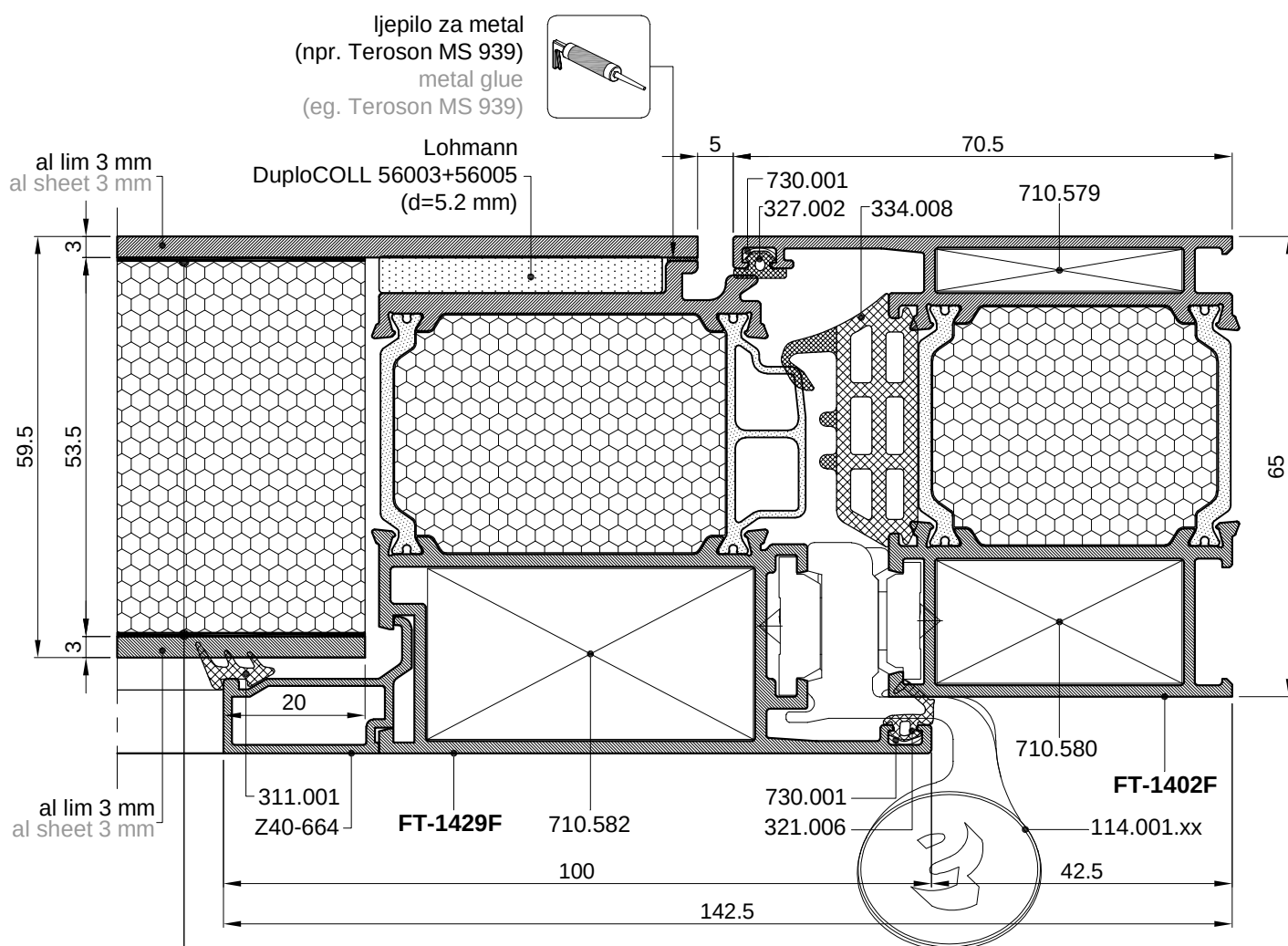
#### Napomena /Remark:

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



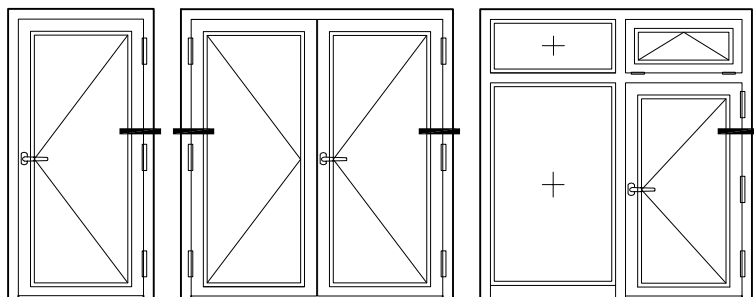


VRATA SA JEDNOSTRANOM OBLOGOM  
DOOR WITH SINGLE-SIDED LINING



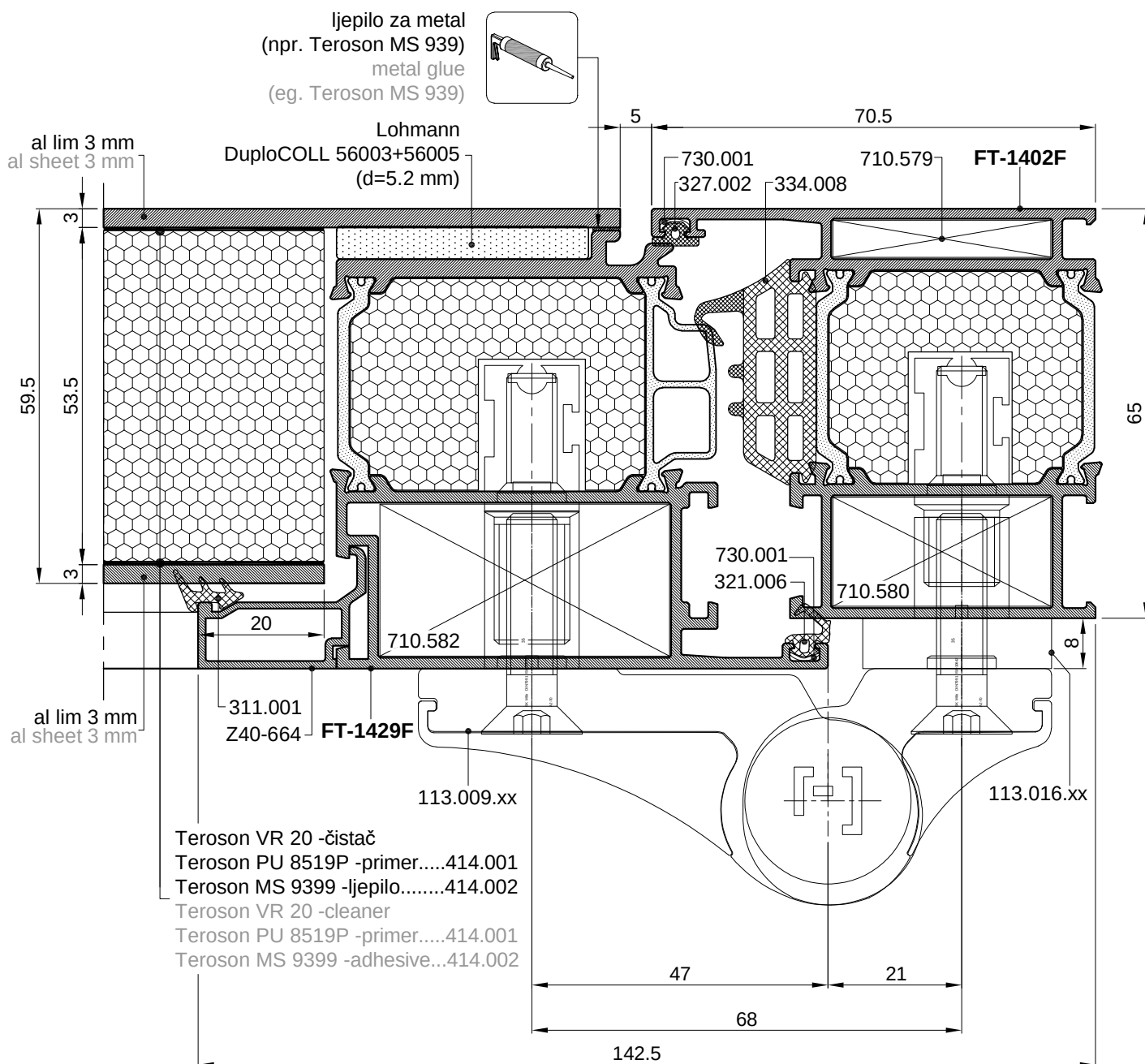
Teroson VR 20 -čistač  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -ljepilo.....414.002  
Teroson VR 20 -cleaner  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -adhesive...414.002

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

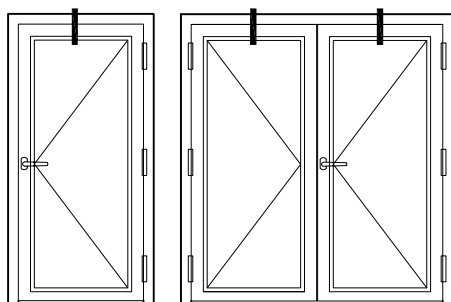


VRATA SA JEDNOSTRANOM OBLOGOM  
DOOR WITH SINGLE-SIDED LINING

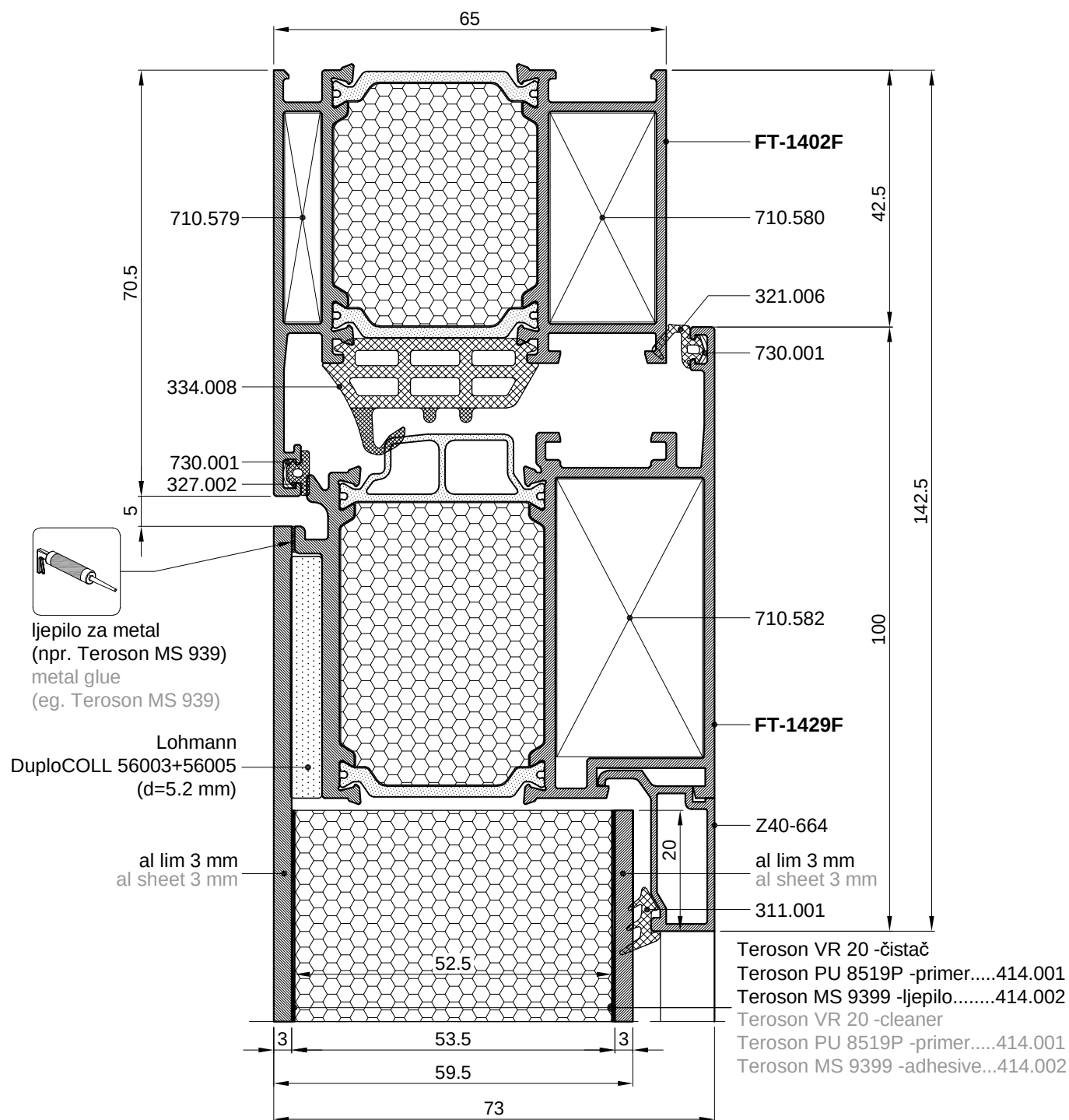
SET USADNIH BAGLAMA - OSNO 68 mm  
UGRAĐUJE SE U KRILU VRATA FT-1429F (OTVARANJE UNUTRA)  
SET OF SCREW-IN HINGES - AXIAL DISTANCE 68 mm  
INSTALLED IN DOOR LEAF FT-1429F (INWARDS OPENING)



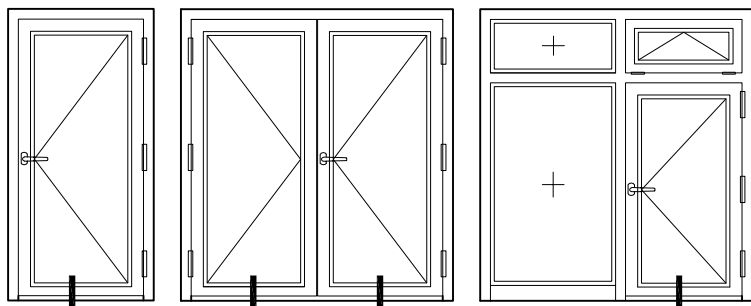
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



VRATA SA JEDNOSTRANOM OBLOGOM  
DOOR WITH SINGLE-SIDED LINING

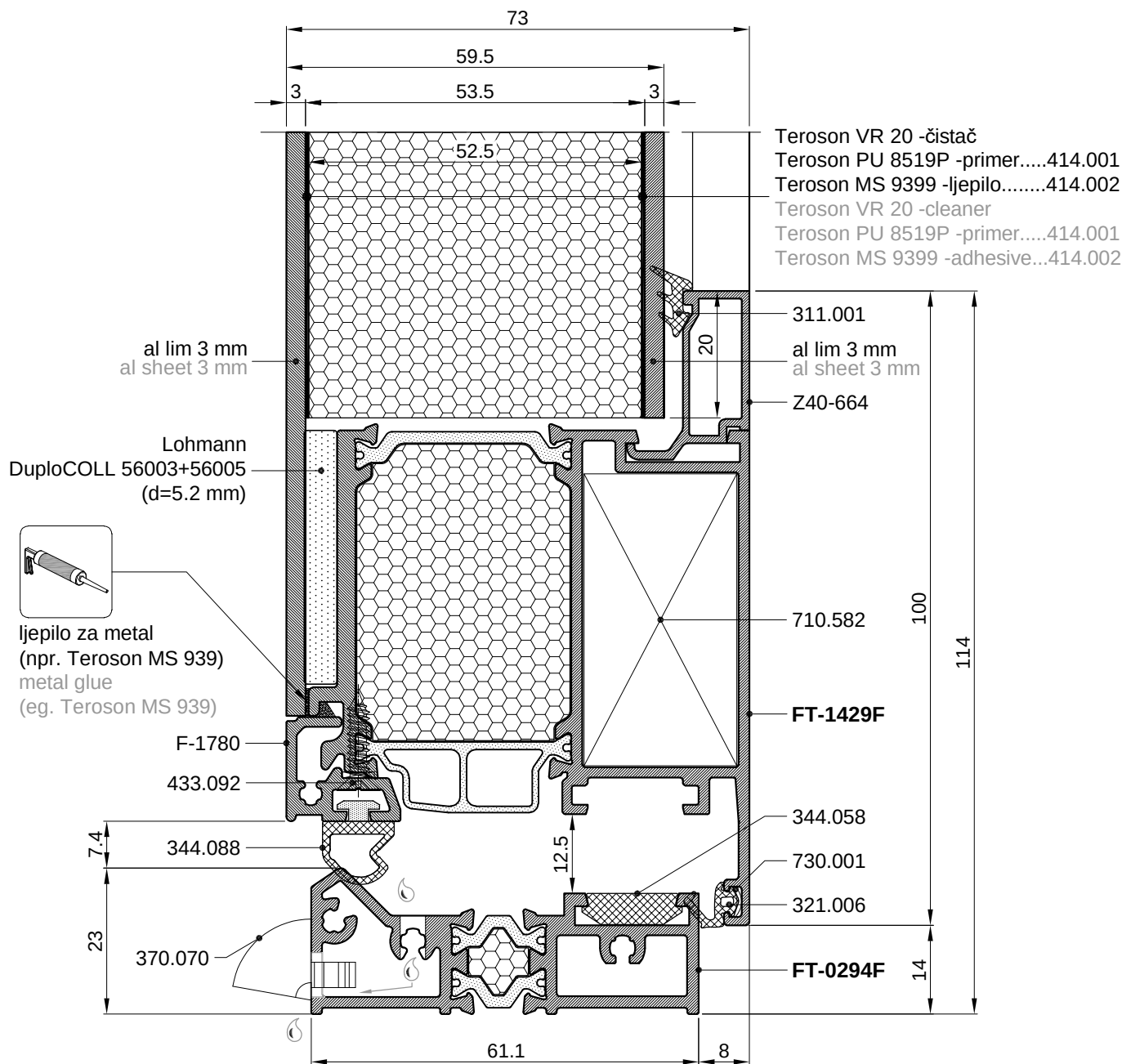


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm

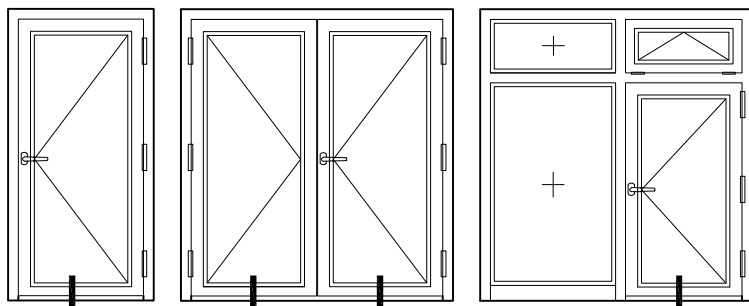


VRATA SA JEDNOSTRANOM OBLOGOM  
DOOR WITH SINGLE-SIDED LINING

VRATA S PRAGOM  
(OTVARANJE UNUTRA)  
DOOR WITH THRESHOLD  
(INWARDS OPENING)

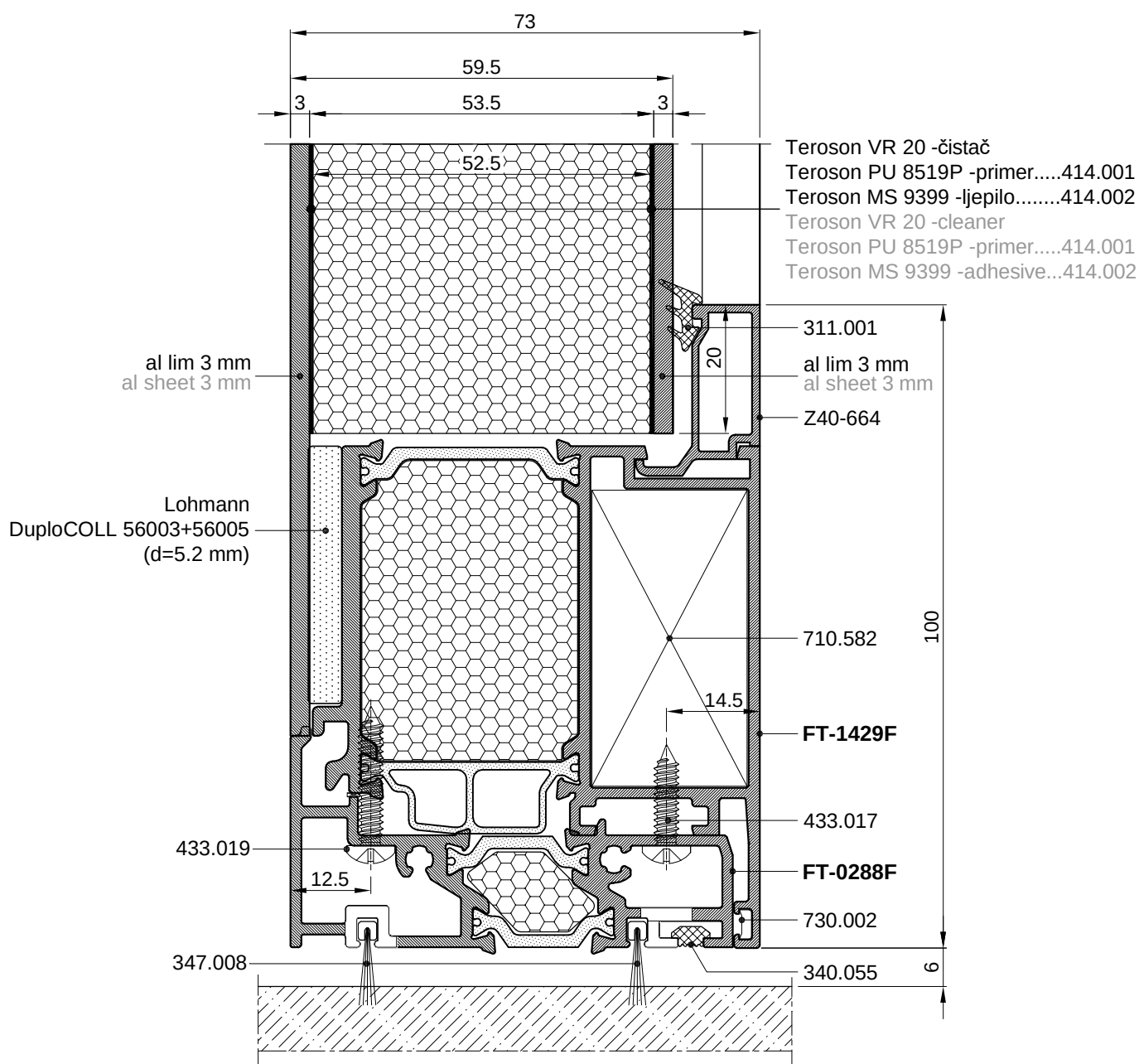


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



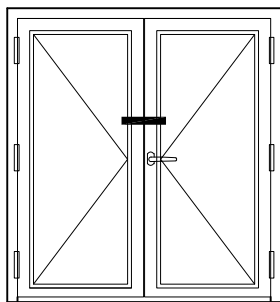
VRATA SA JEDNOSTRANOM OBLOGOM  
DOOR WITH SINGLE-SIDED LINING

VRATA BEZ PRAGA  
(OTVARANJE UNUTRA)  
DOOR WITHOUT THRESHOLD  
(INWARDS OPENING)

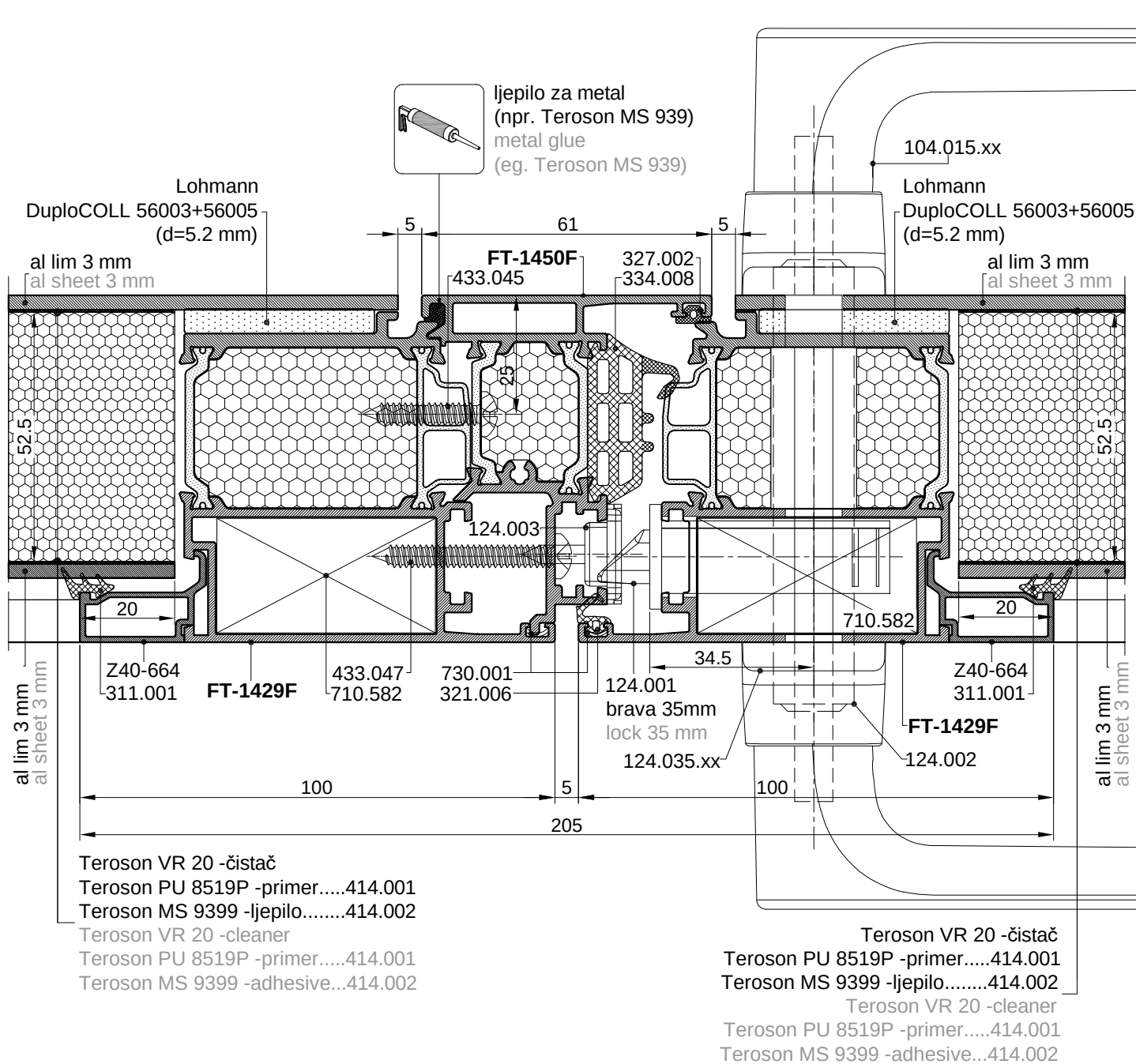


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



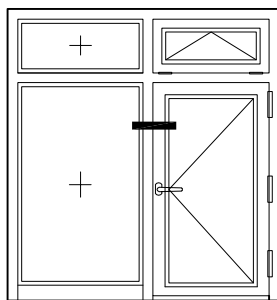


VRATA SA JEDNOSTRANOM OBLOGOM  
DOOR WITH SINGLE-SIDED LINING

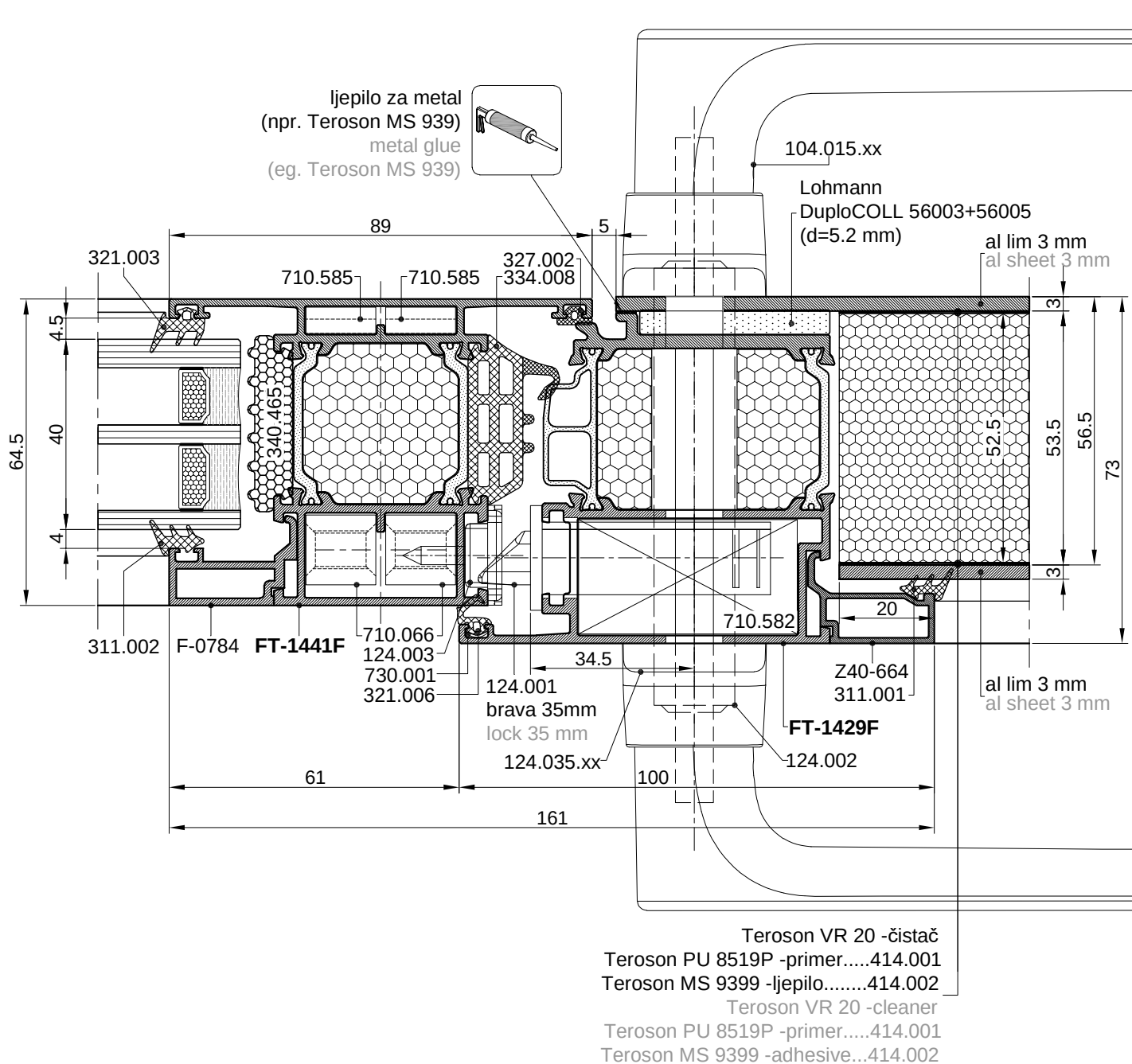


### Napomena /Remark:

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

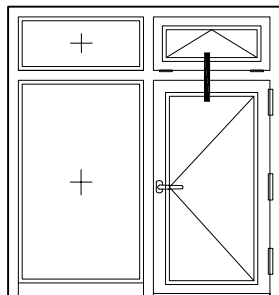


VRATA SA JEDNOSTRANOM OBLOGOM  
DOOR WITH SINGLE-SIDED LINING

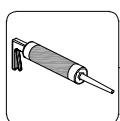


**Napomena /Remark:**

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



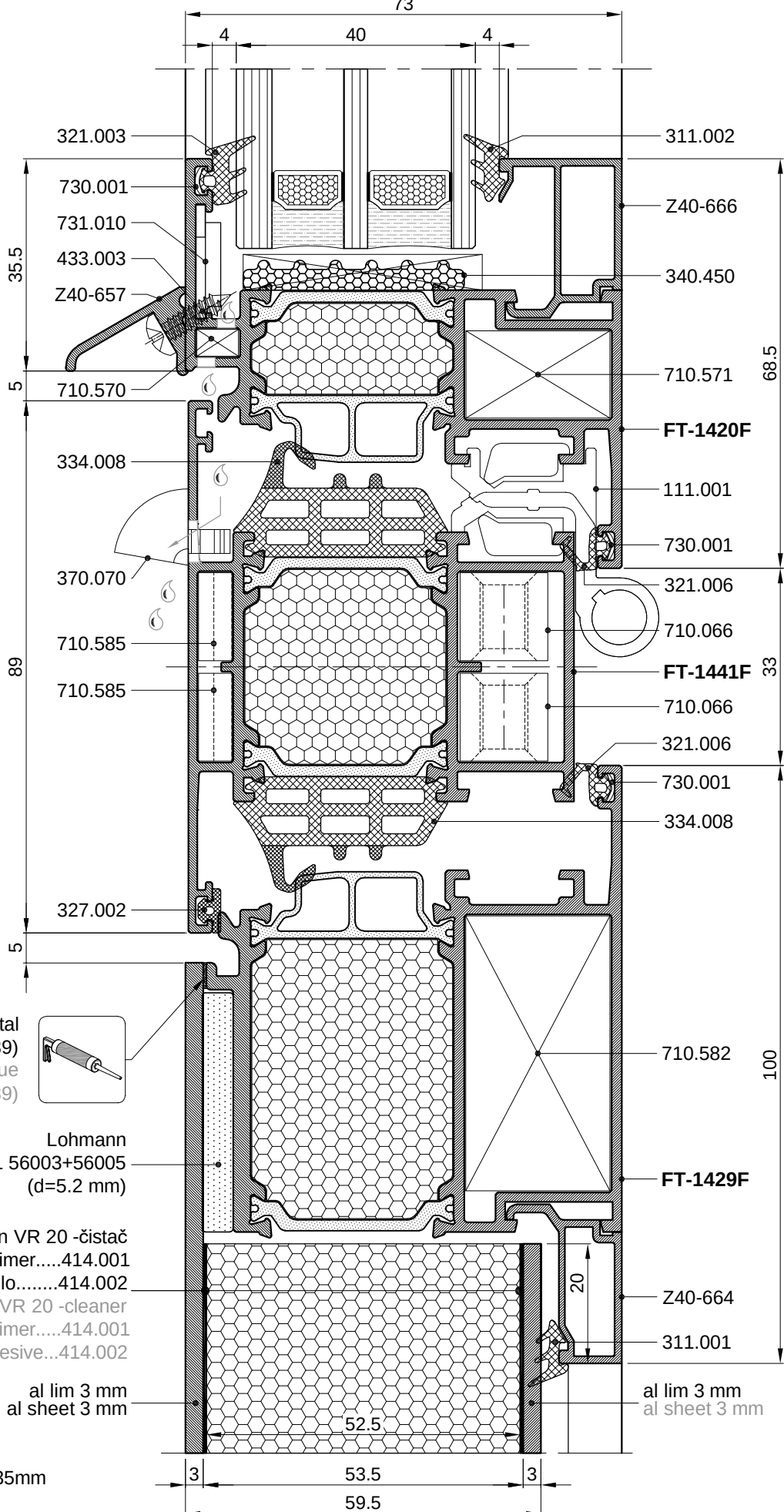
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



Lohmann  
DuploCOLL 56003+56005  
(d=5.2 mm)

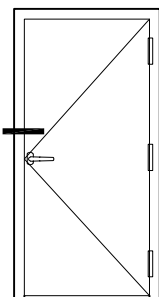
Teroson VR 20 -čistač  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -ljepilo.....414.002  
Teroson VR 20 -cleaner  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -adhesive...414.002

al lim 3 mm  
al sheet 3 mm

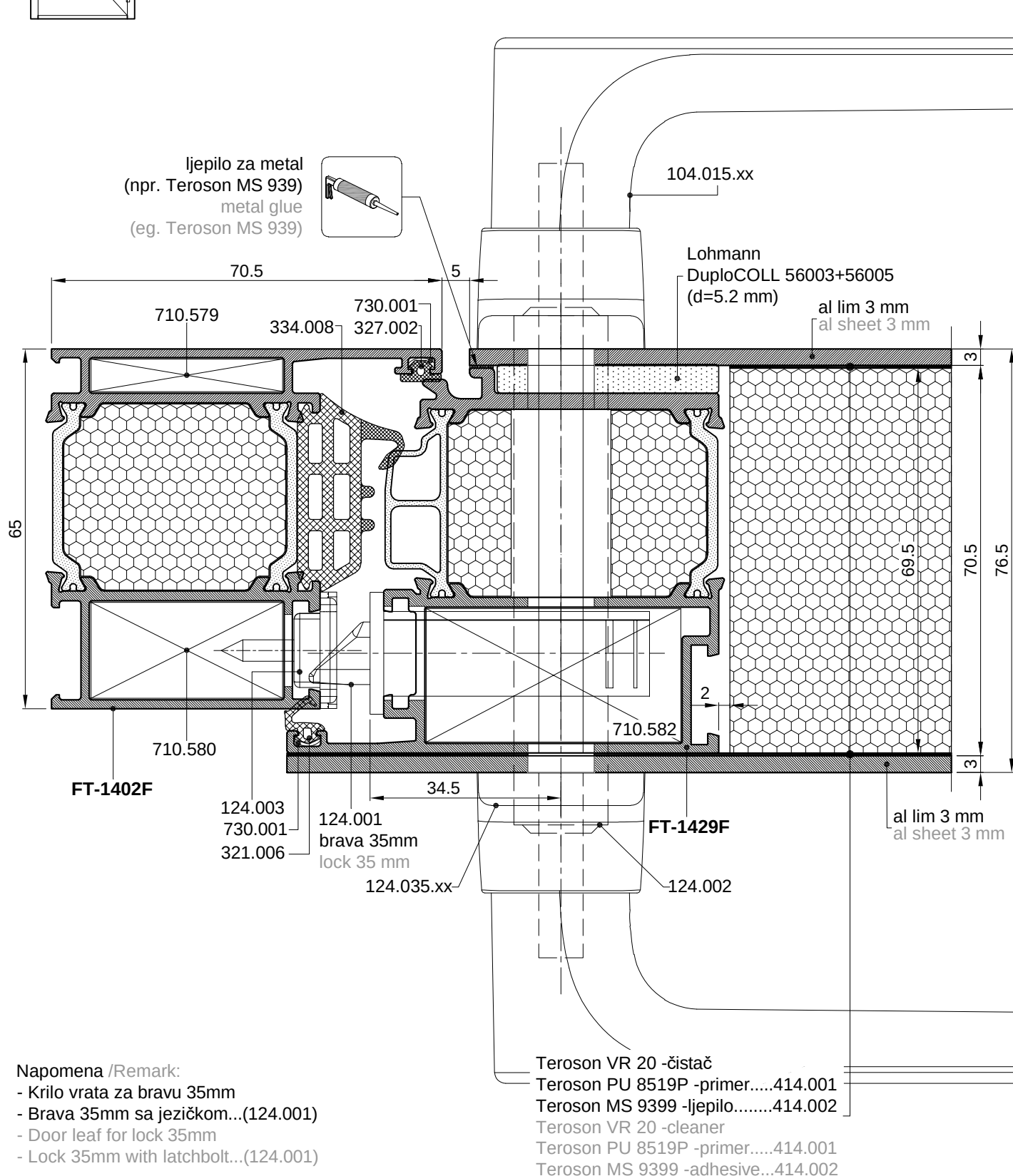


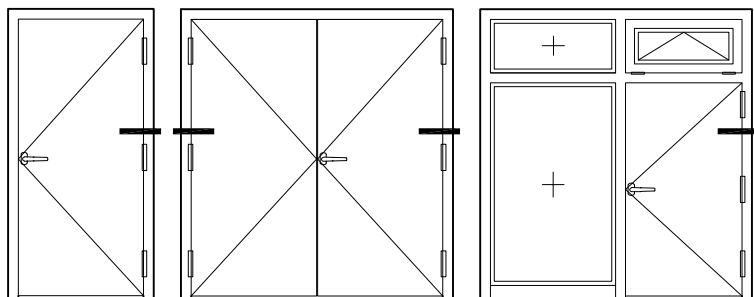
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



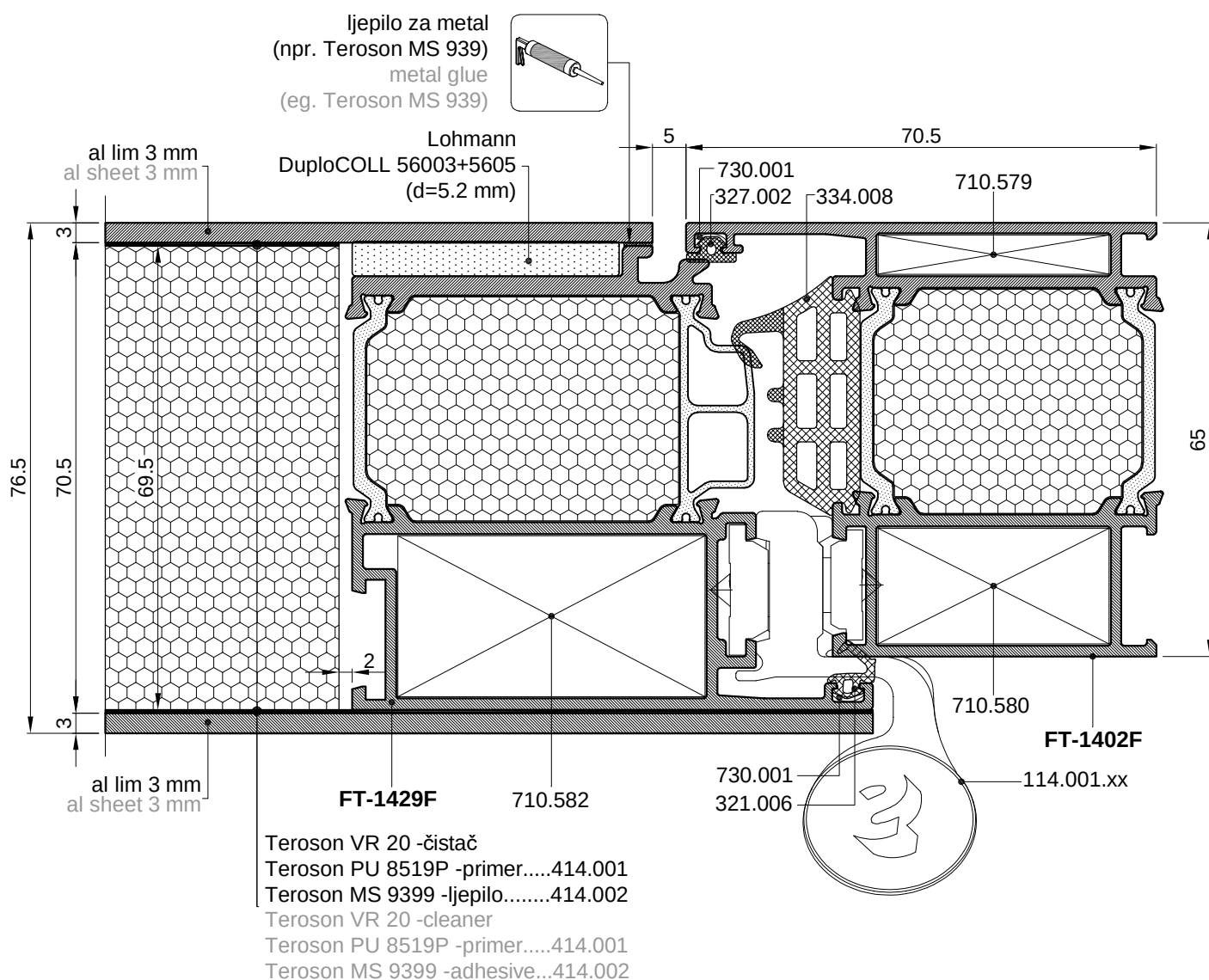


### VRATA SA OBOSTRANOM OBLOGOM DOOR WITH DOUBLE-SIDED LINING

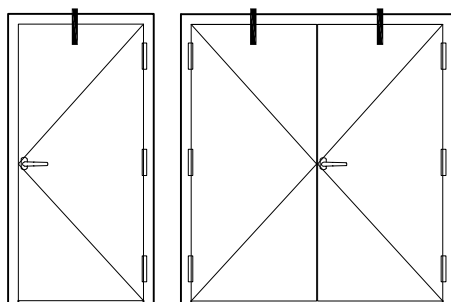




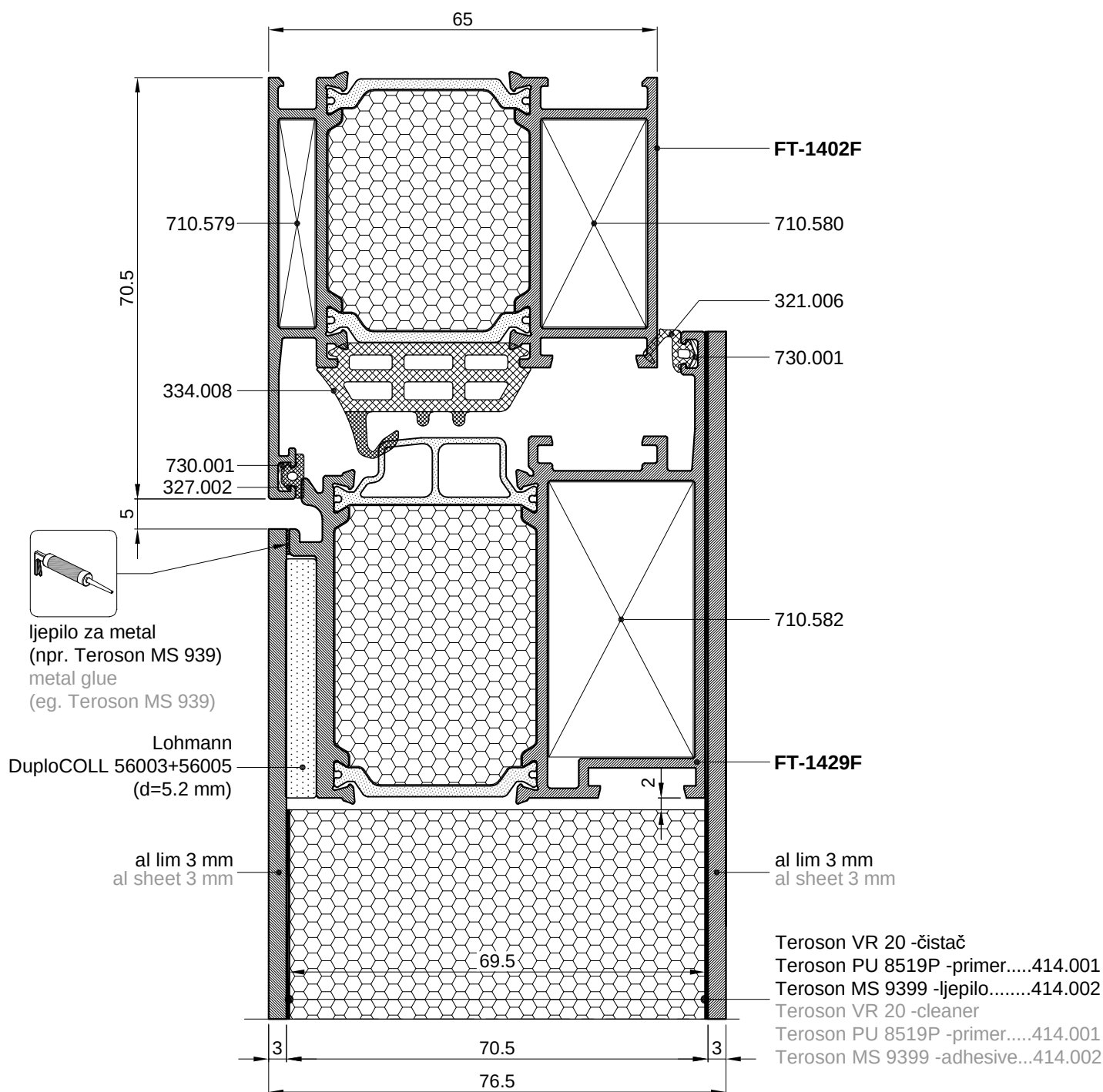
VRATA SA OBOSTRANOM OBLOGOM  
DOOR WITH DOUBLE-SIDED LINING



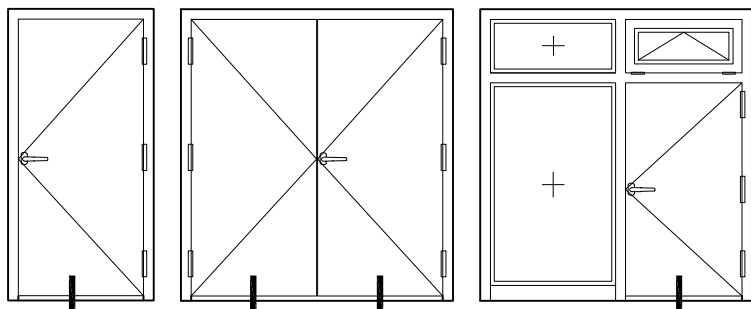
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



VRATA SA OBOSTRANOM OBLOGOM  
DOOR WITH DOUBLE-SIDED LINING

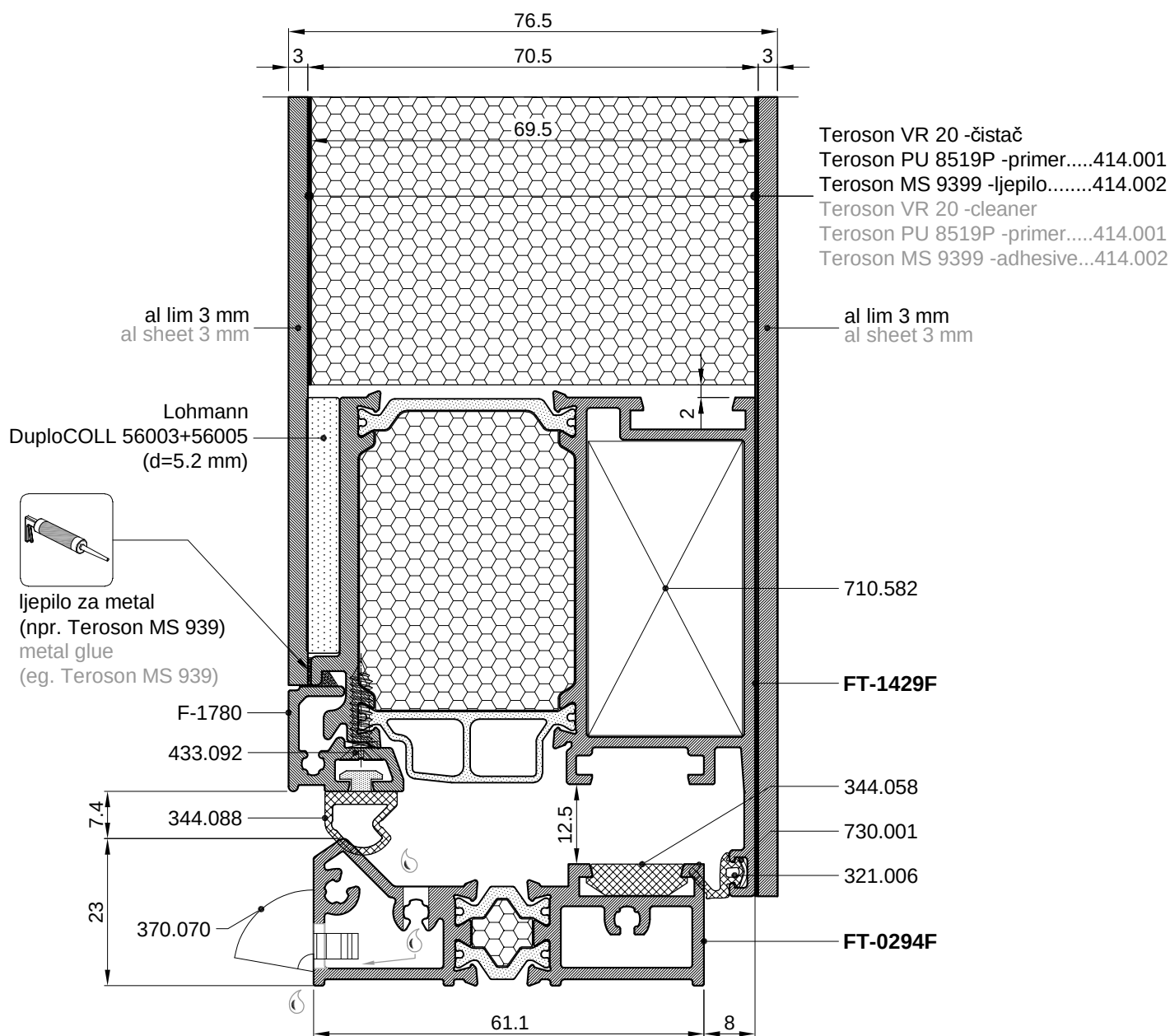


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm

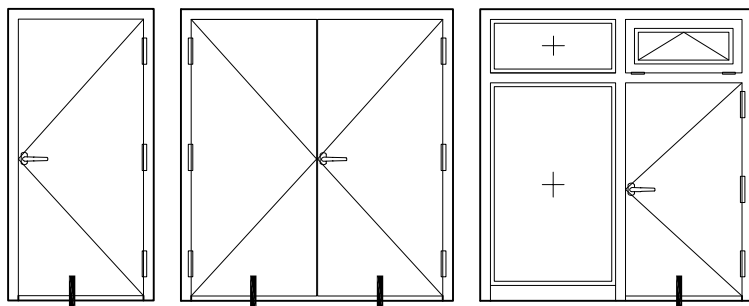


VRATA SA OBOSTRANOM OBLOGOM  
DOOR WITH DOUBLE-SIDED LINING

VRATA S PRAGOM  
(OTVARANJE UNUTRA)  
DOOR WITH THRESHOLD  
(INWARDS OPENING)

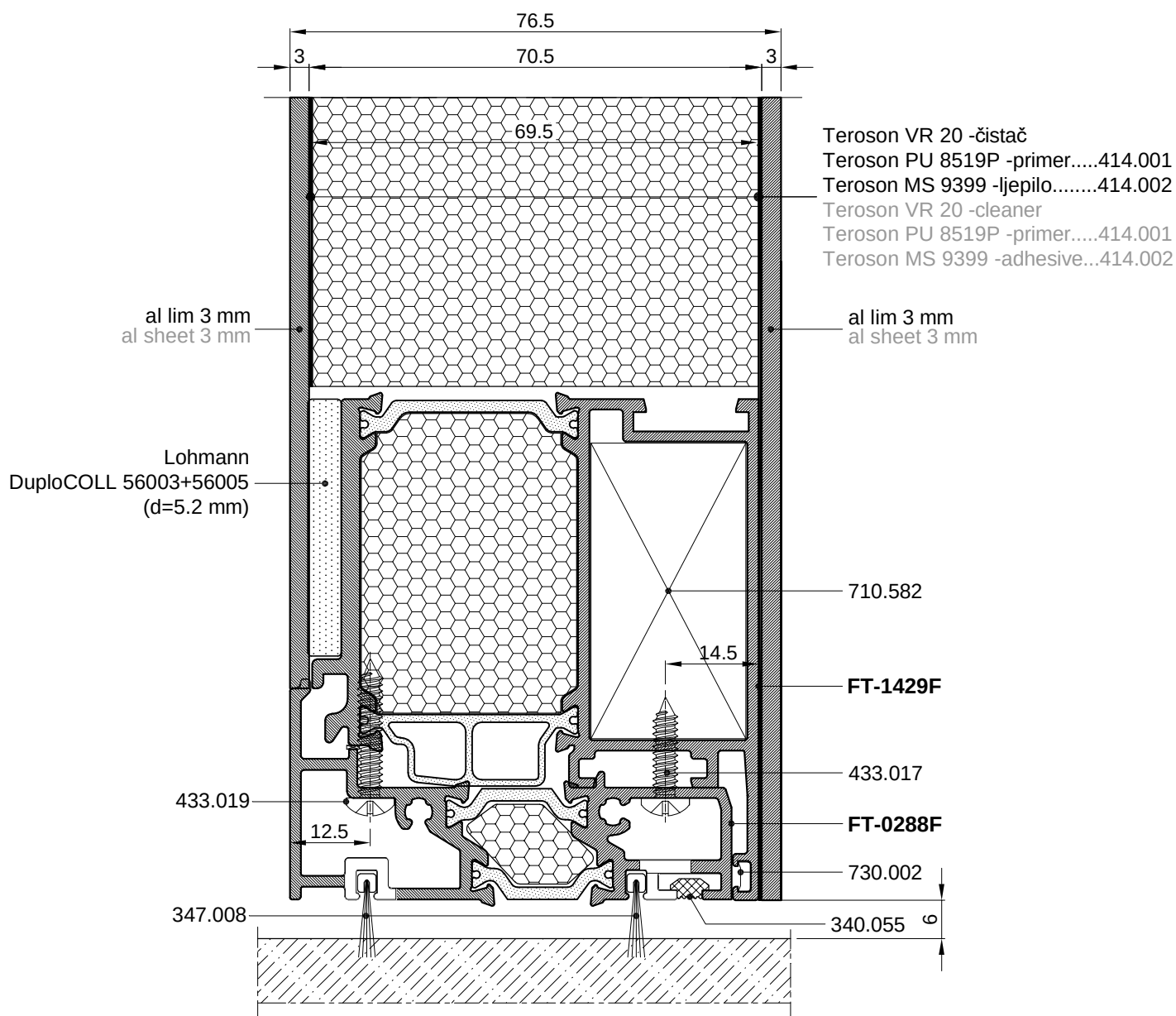


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



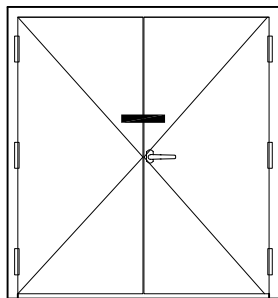
VRATA SA OBOSTRANOM OBLOGOM  
DOOR WITH DOUBLE-SIDED LINING

VRATA BEZ PRAGA  
(OTVARANJE UNUTRA)  
DOOR WITHOUT THRESHOLD  
(INWARDS OPENING)

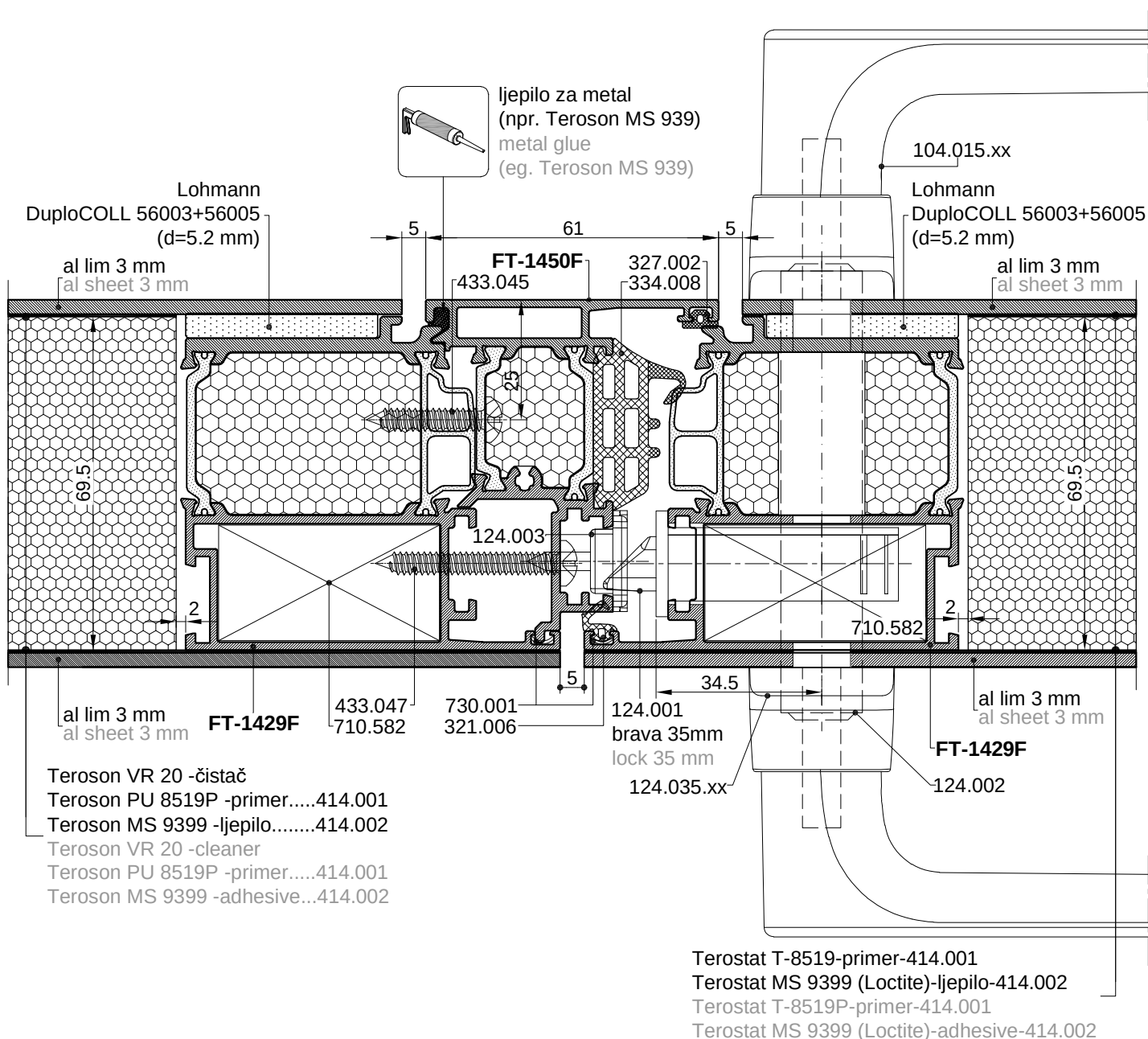


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



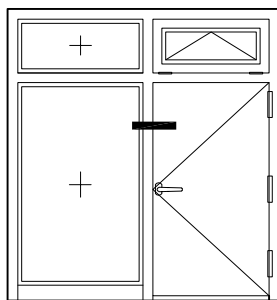


VRATA SA OBOSTRANOM OBLOGOM  
DOOR WITH DOUBLE-SIDED LINING

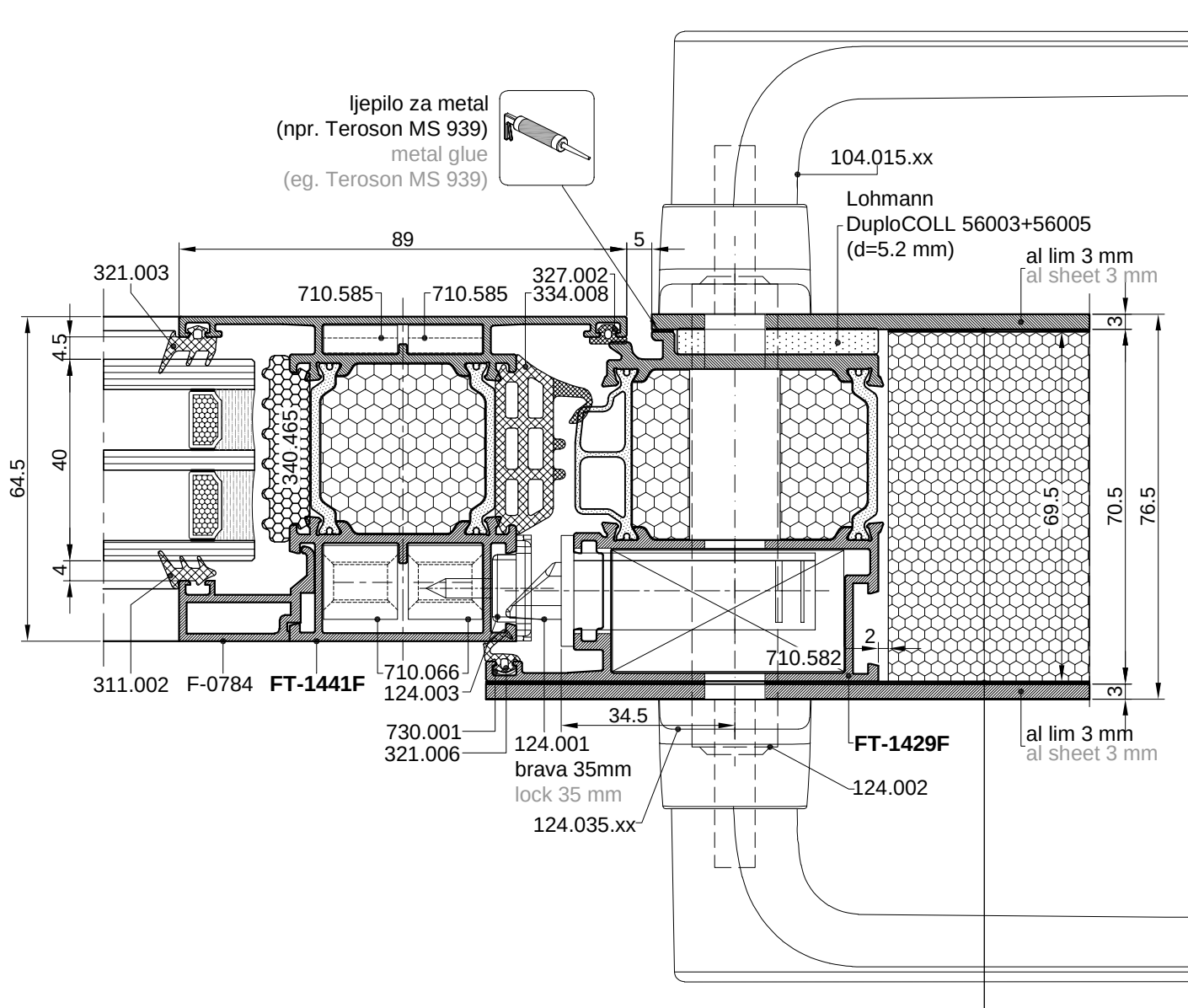


### Napomena /Remark:

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



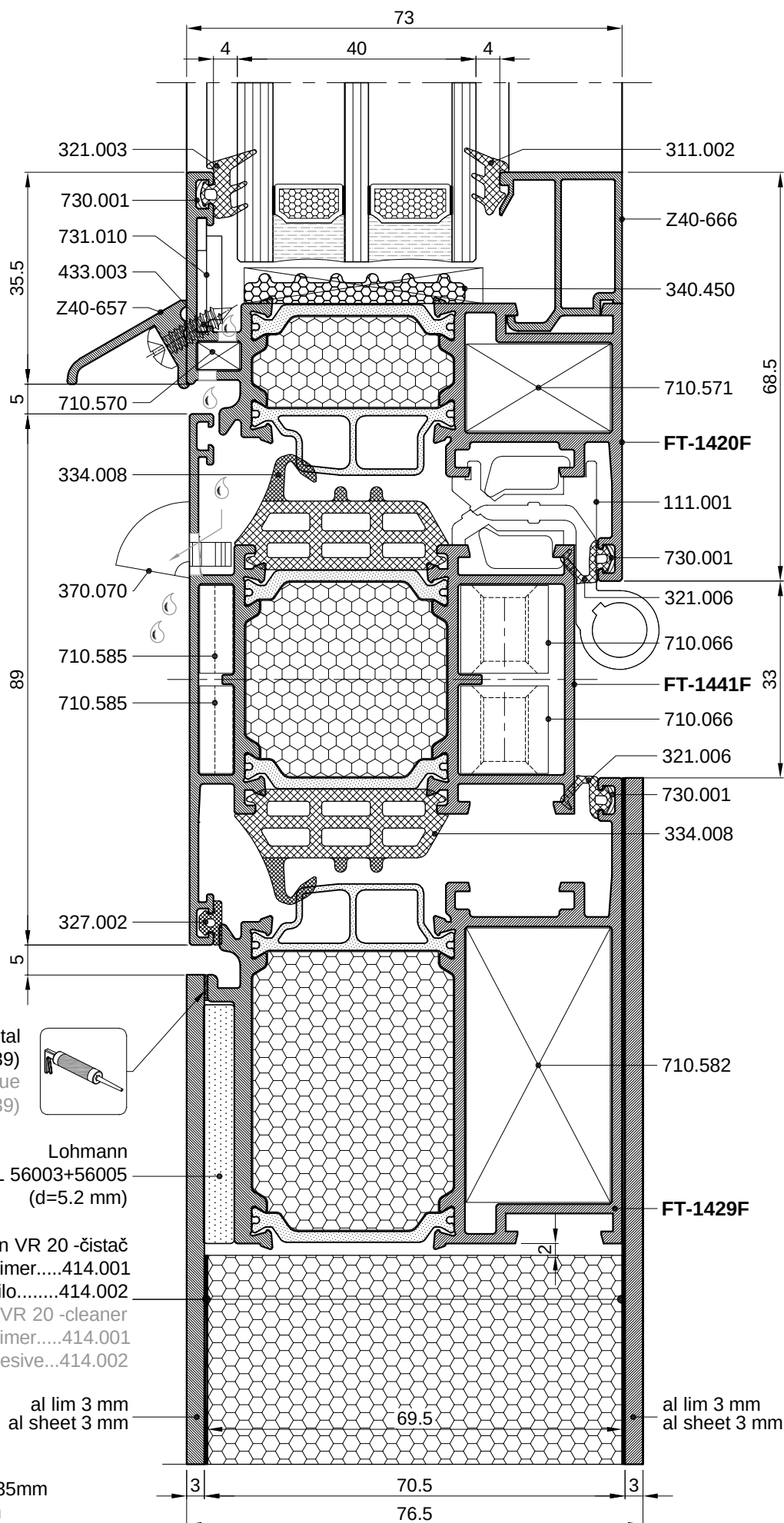
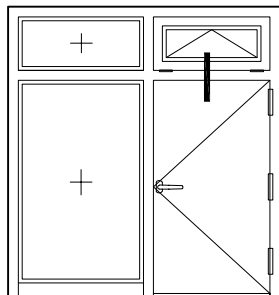
### VRATA SA OBOSTRANOM OBLOGOM DOOR WITH DOUBLE-SIDED LINING



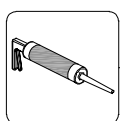
Teroson VR 20 -čistač  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -ljepilo.....414.002  
Teroson VR 20 -cleaner  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -adhesive...414.002

#### Napomena /Remark:

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



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



Lohmann  
DuploCOLL 56003+56005  
(d=5.2 mm)

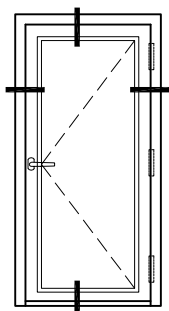
Teroson VR 20 -čistač  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -ljepilo.....414.002  
Teroson VR 20 -cleaner  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -adhesive...414.002

al lim 3 mm  
al sheet 3 mm

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

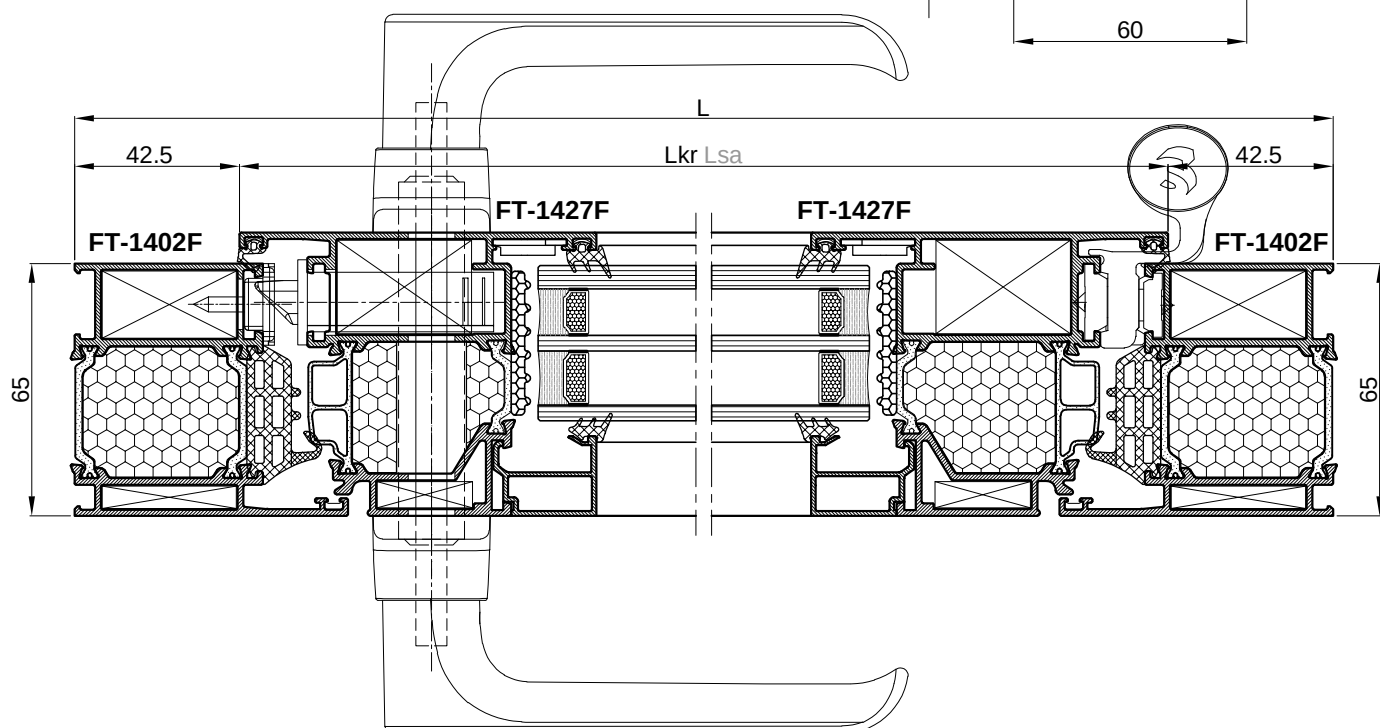
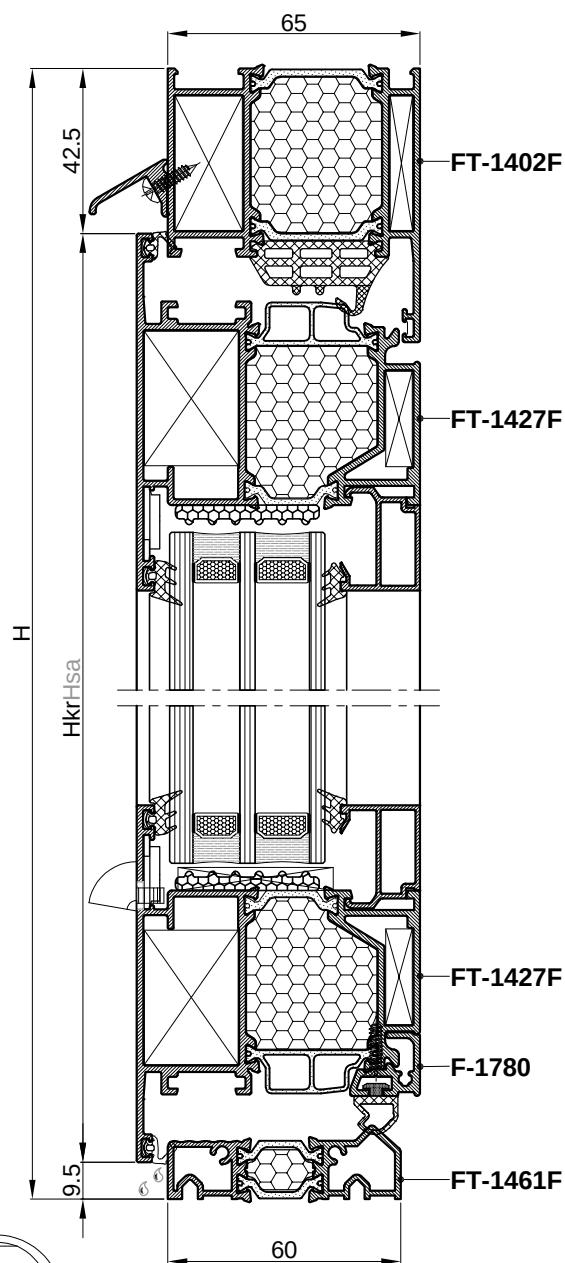


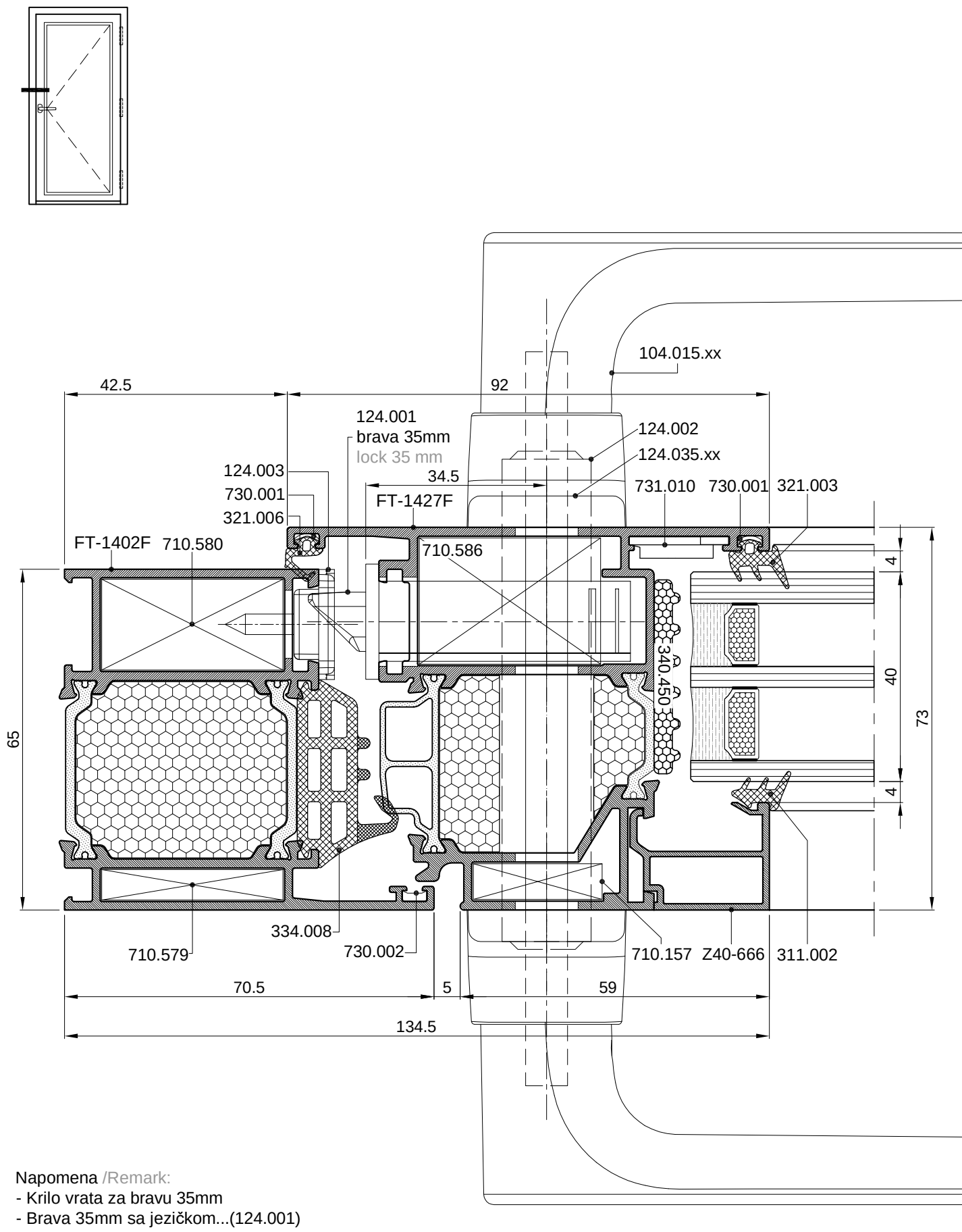
JEDNOKRILNA ULAZNA VRATA, OTVARANJE VANI  
SINGLE ENTRANCE DOOR, OUTWARDS OPENING



Napomena /Remark:

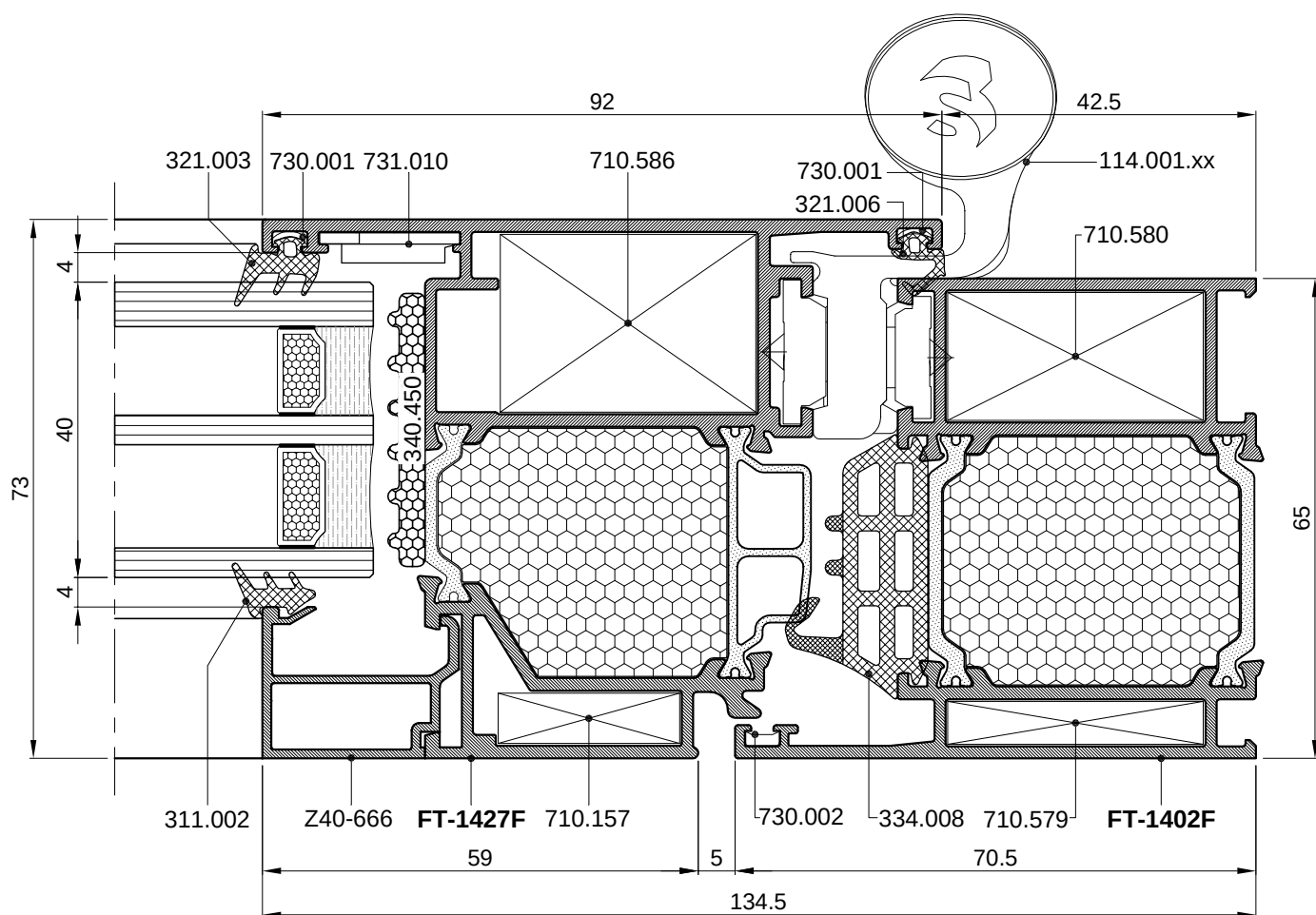
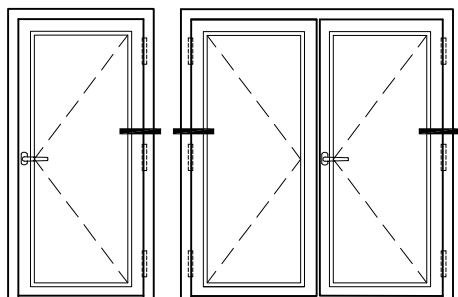
- Krilo vrata za bravu 35mm
- Brava 35mm sa jezičkom...(124.001)
- Door leaf for lock 35mm
- Lock 35mm with latchbolt...(124.001)



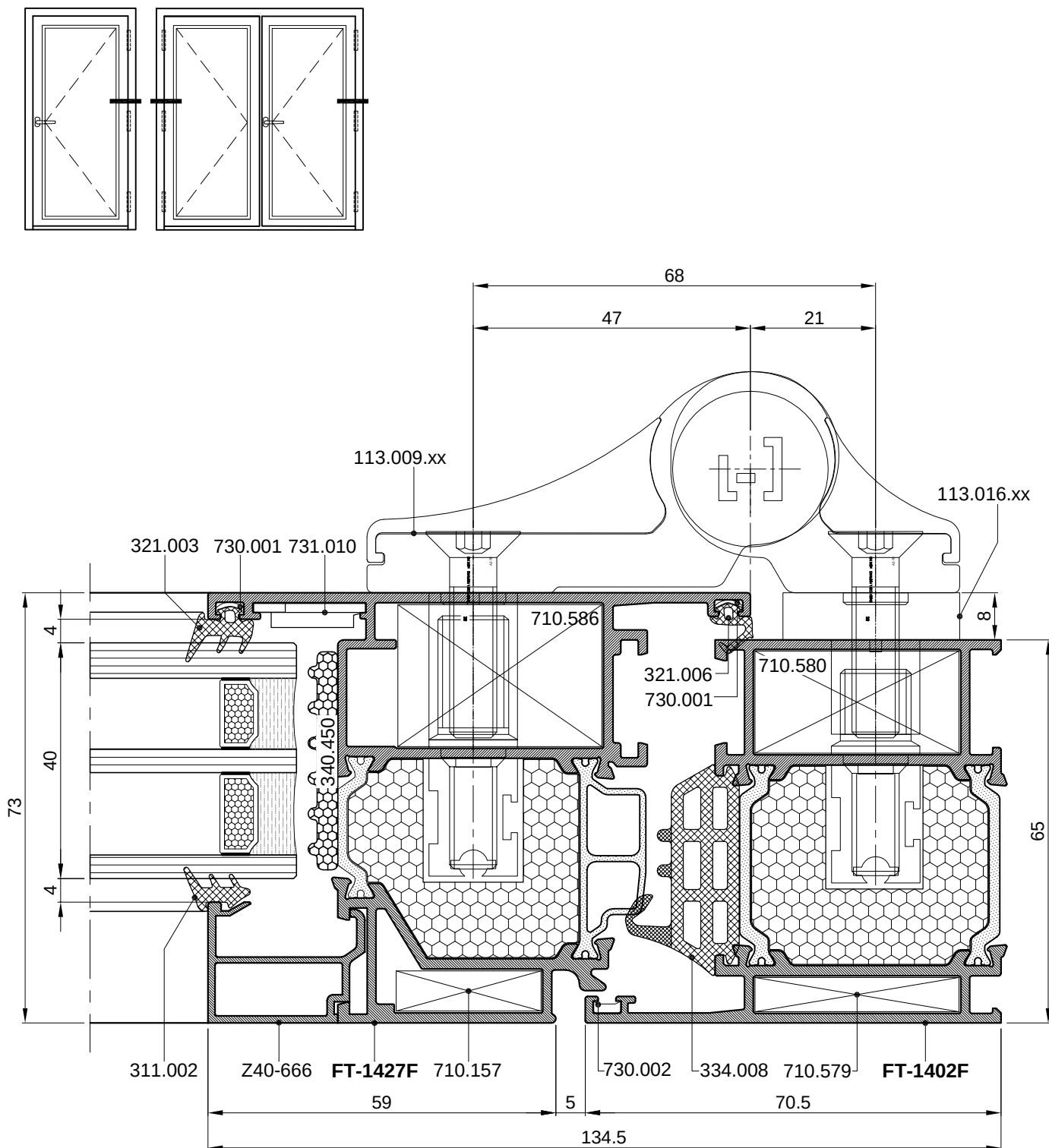


### Napomena /Remark:

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

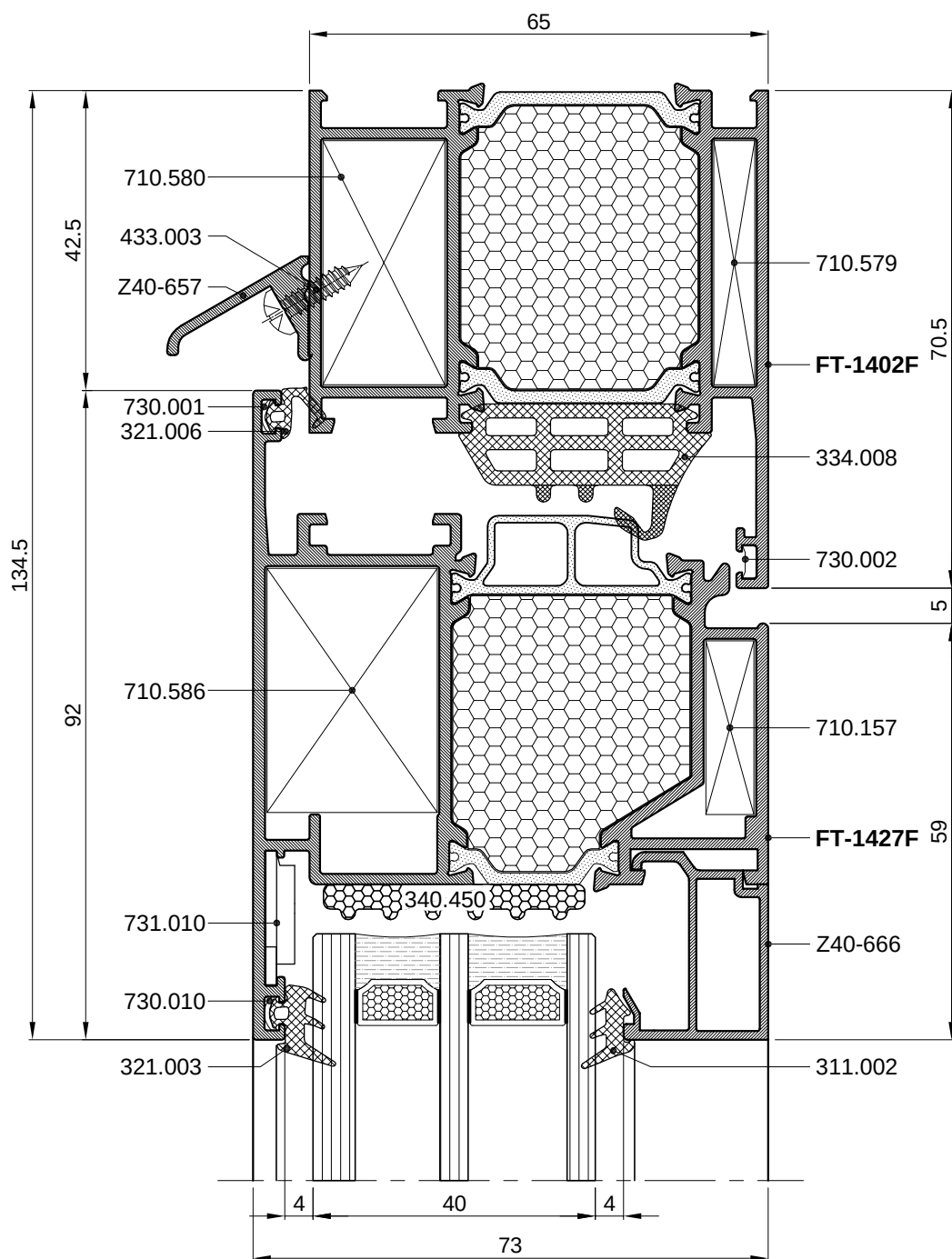
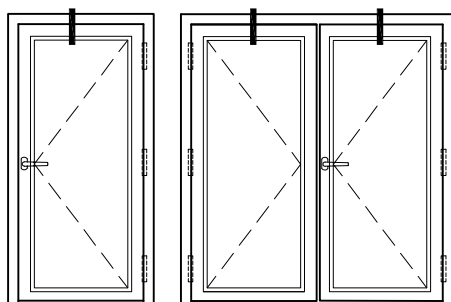


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm

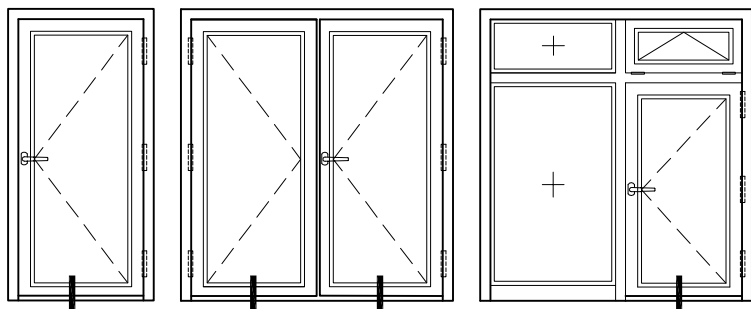


SET USADNIH BAGLAMA - OSNO 68 mm  
UGRAĐUJE SE U KRILO VRATA FT-1427F (OTVARANJE VANI)  
SET OF SCREW-IN HINGES - AXIAL DISTANCE 68 mm  
INSTALLED IN DOOR LEAF FT-1427F (OUTWARDS OPENING)

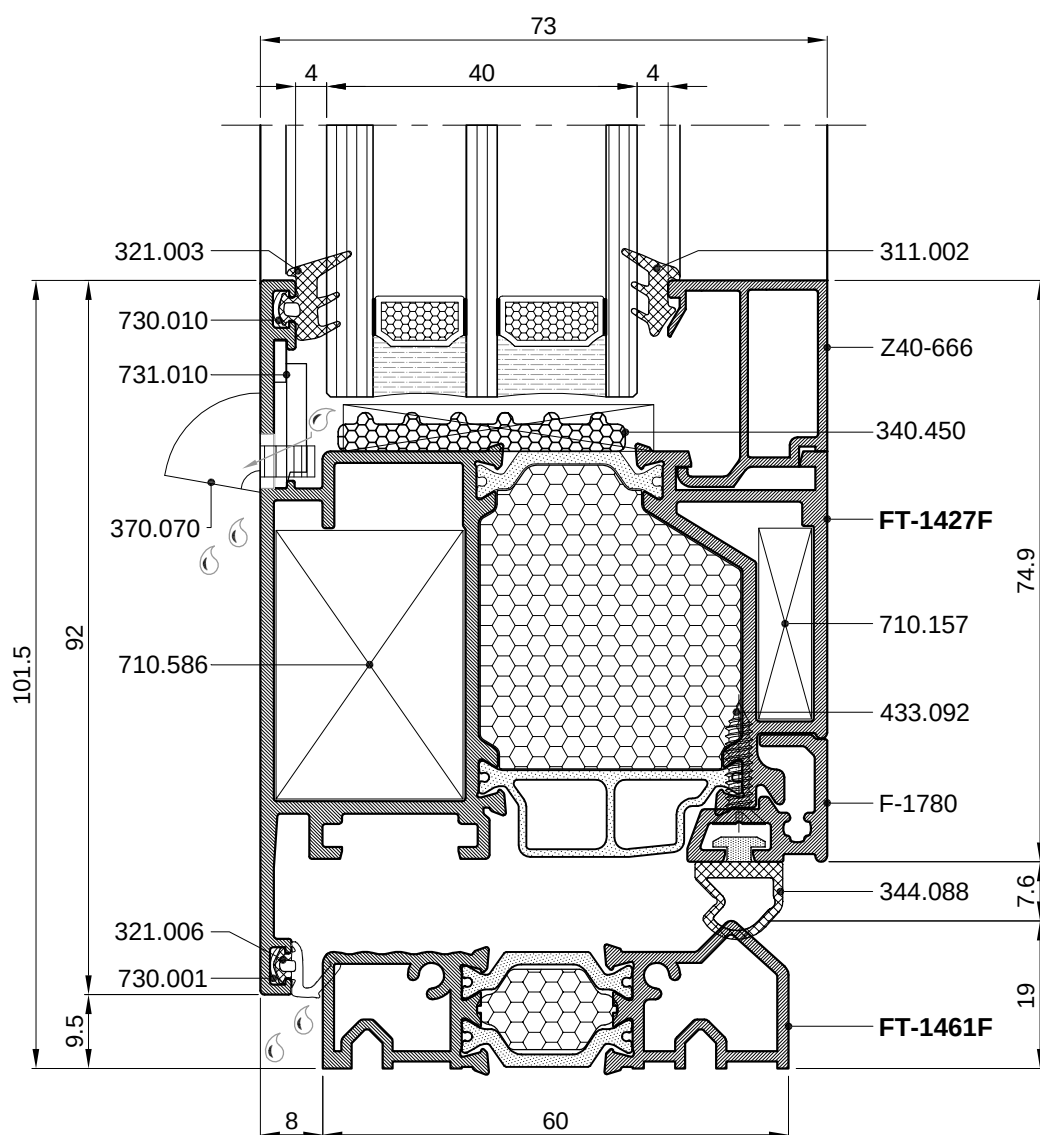
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



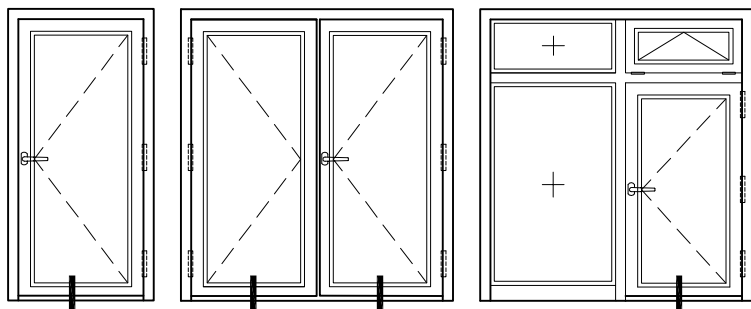
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



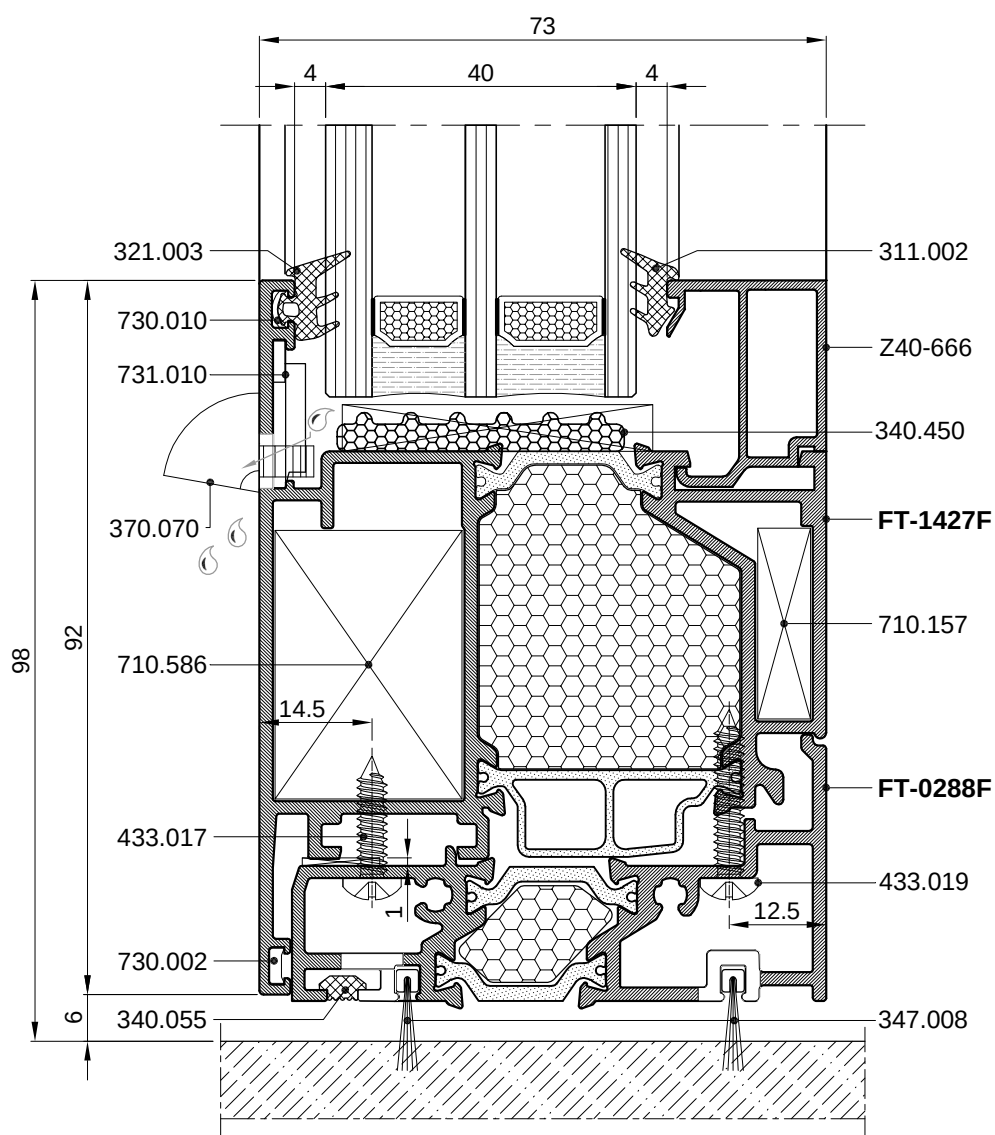
VRATA S PRAGOM  
(OTVARANJE VANI)  
DOOR WITH THRESHOLD  
(OUTWARDS OPENING)



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

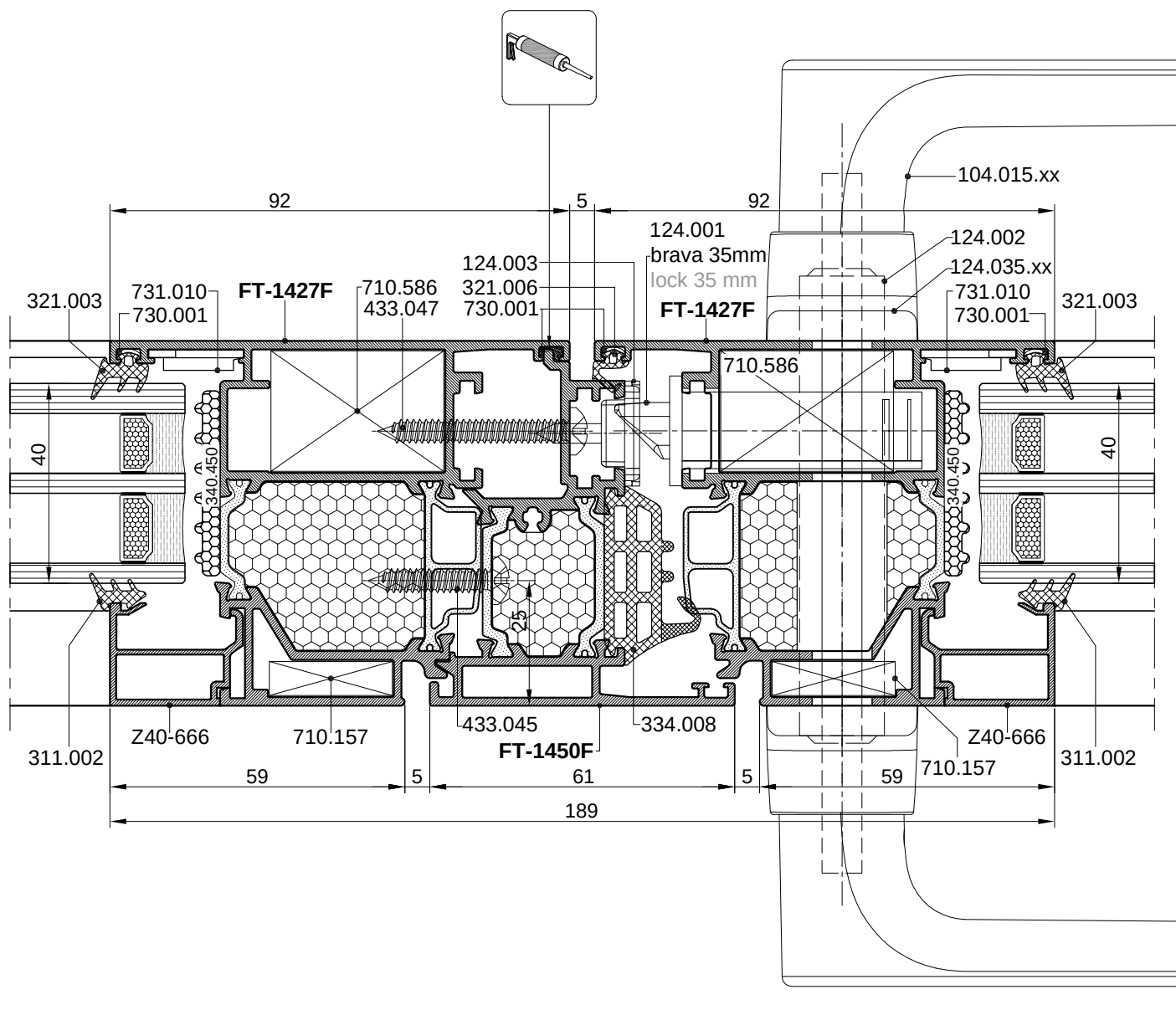
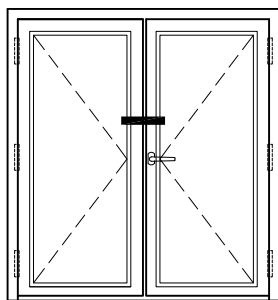


VRATA BEZ PRAGA  
(OTVARANJE VANI)  
DOOR WITHOUT THRESHOLD  
(OUTWARDS OPENING)



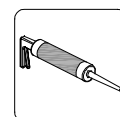
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



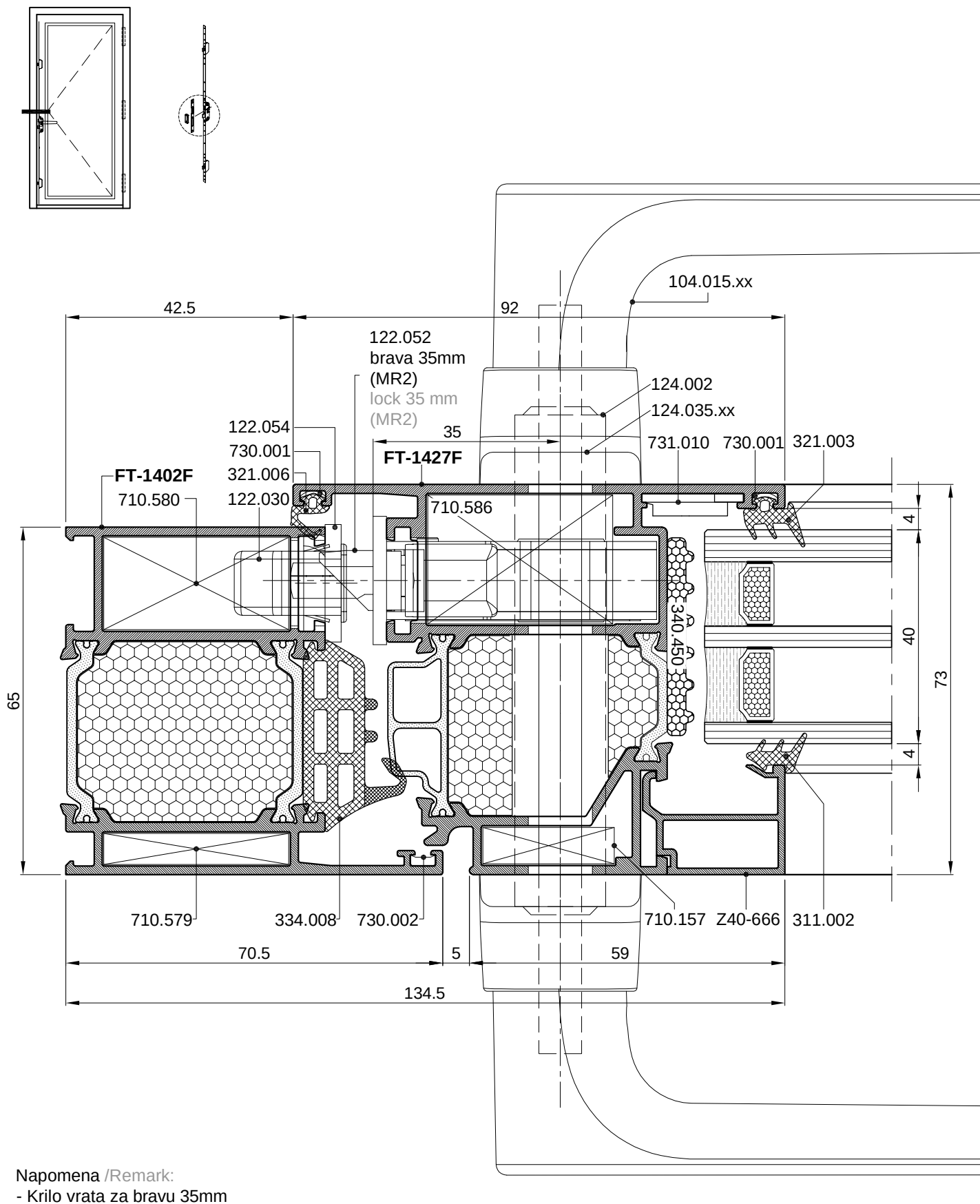


### Napomena /Remark:

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

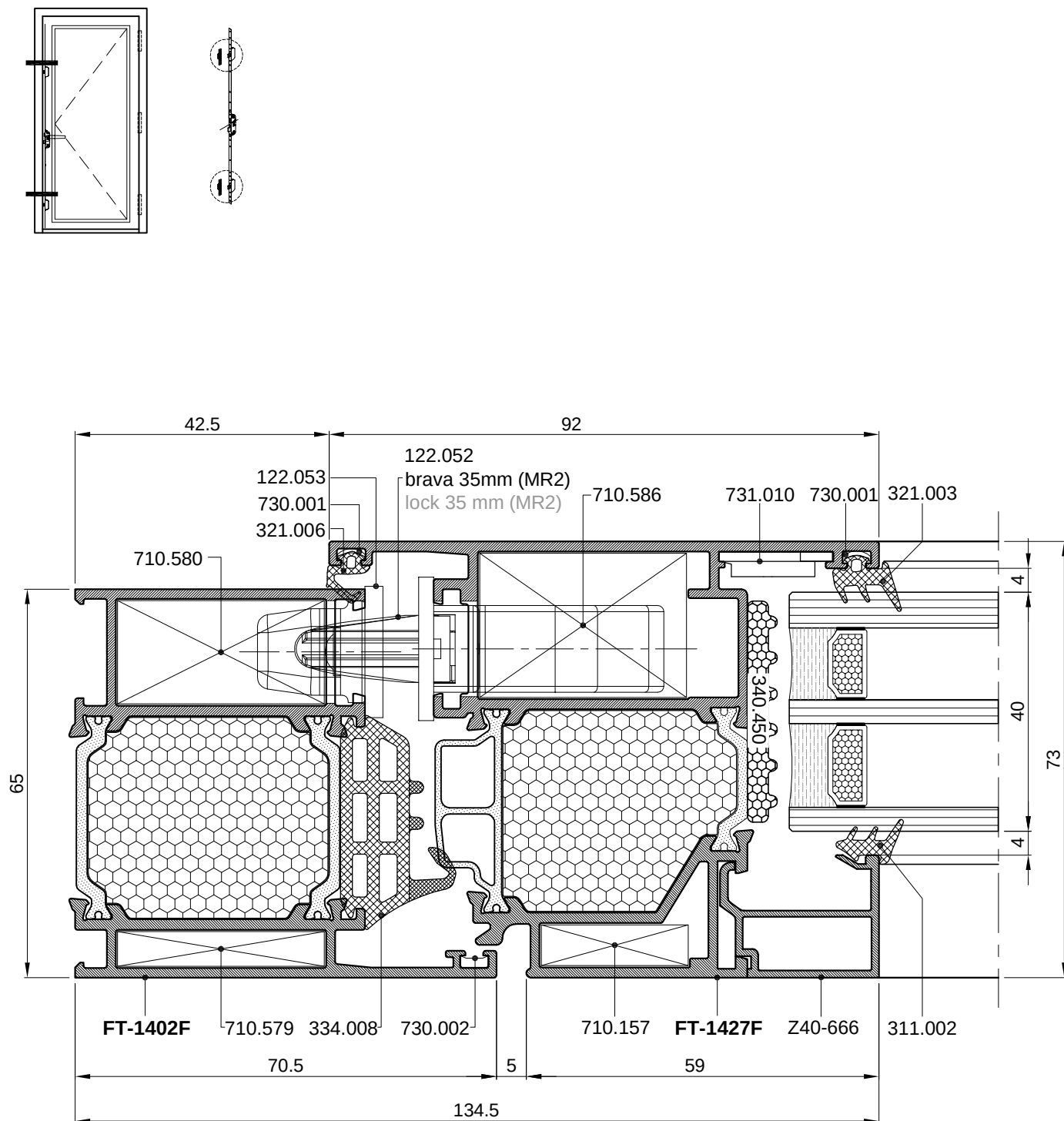


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



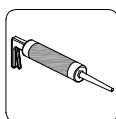
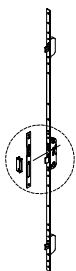
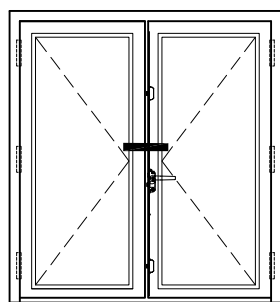
Napomena /Remark:

- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- U profil rama vrata moguća je ugradnja i elektro otvarača 122.055 (GU) zajedno sa prihvatnim limom 122.054 (GU)
- Door leaf for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)
- An electrical opener 122.055 (GU) can be installed in the door frame profile together with the striking plate

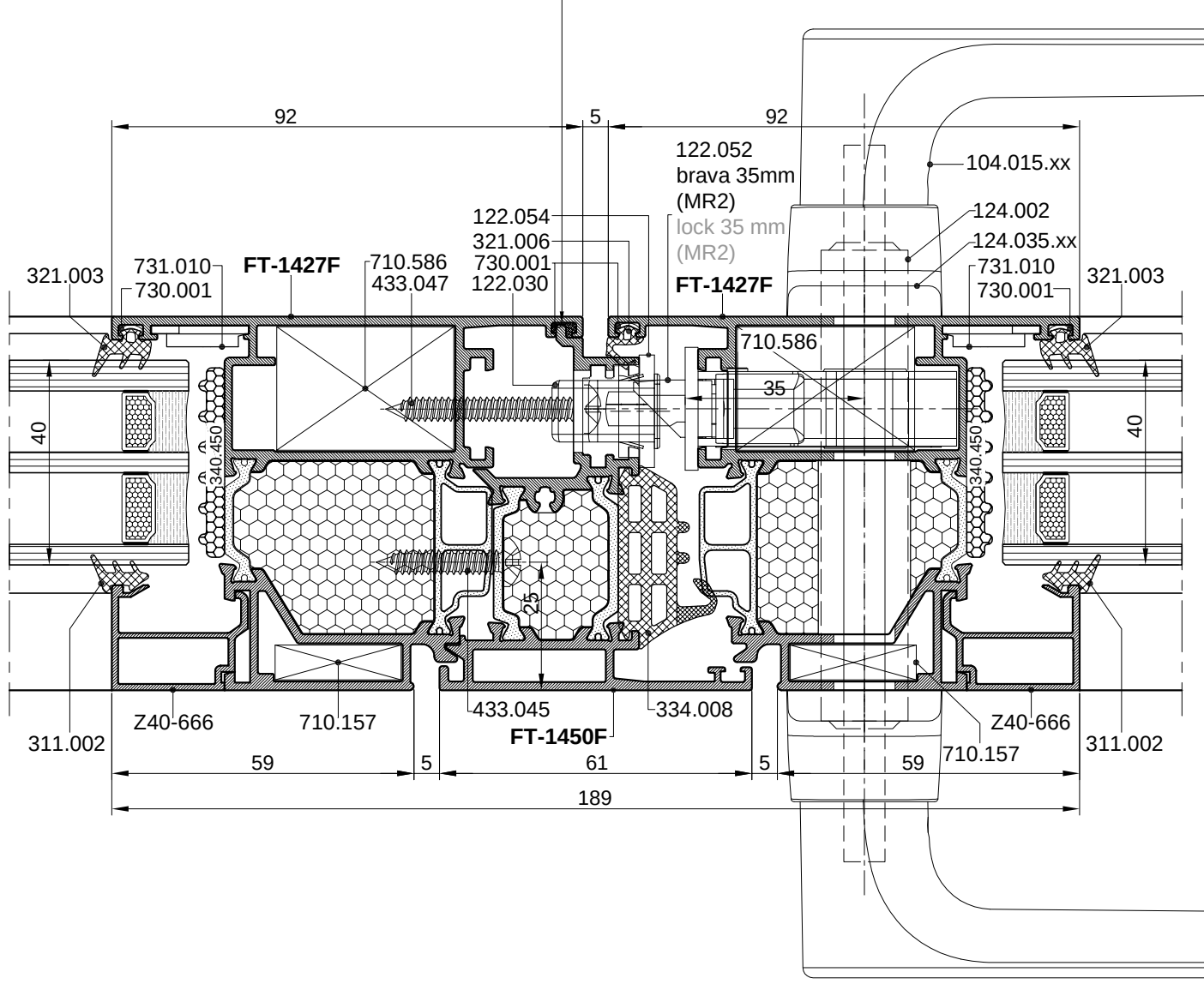


### Napomena /Remark:

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

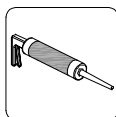
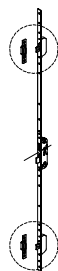
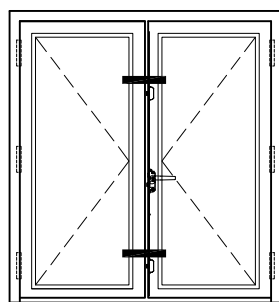


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

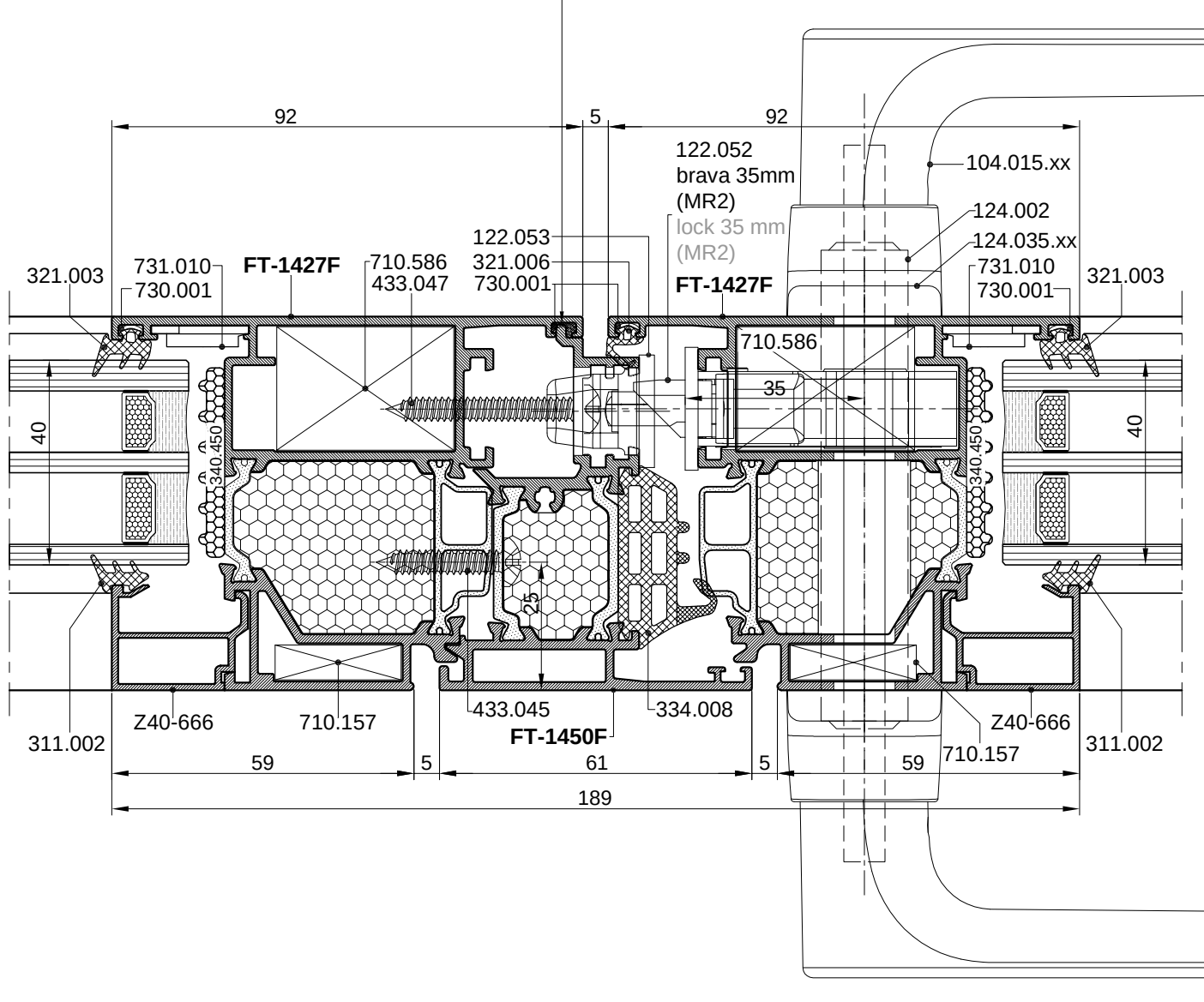


### Napomena /Remark:

- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- Moguća je ugradnja i elektro otvarača 122.055 (GU) zajedno sa prihvatnim limom 122.054 (GU)  
(ako se koristi elektro otvarač, ključanje pomoćnog krila se izvodi pomoću zapinjača-krakuna 144.003 (Stublina))
- Door leaf for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)
- It is possible to install an electrical opener 122.055 (GU) together with the striking plate 122.054  
(if an electrical opener is used, the auxiliary leaf is locked with a door latch 144.003 (Stublina))

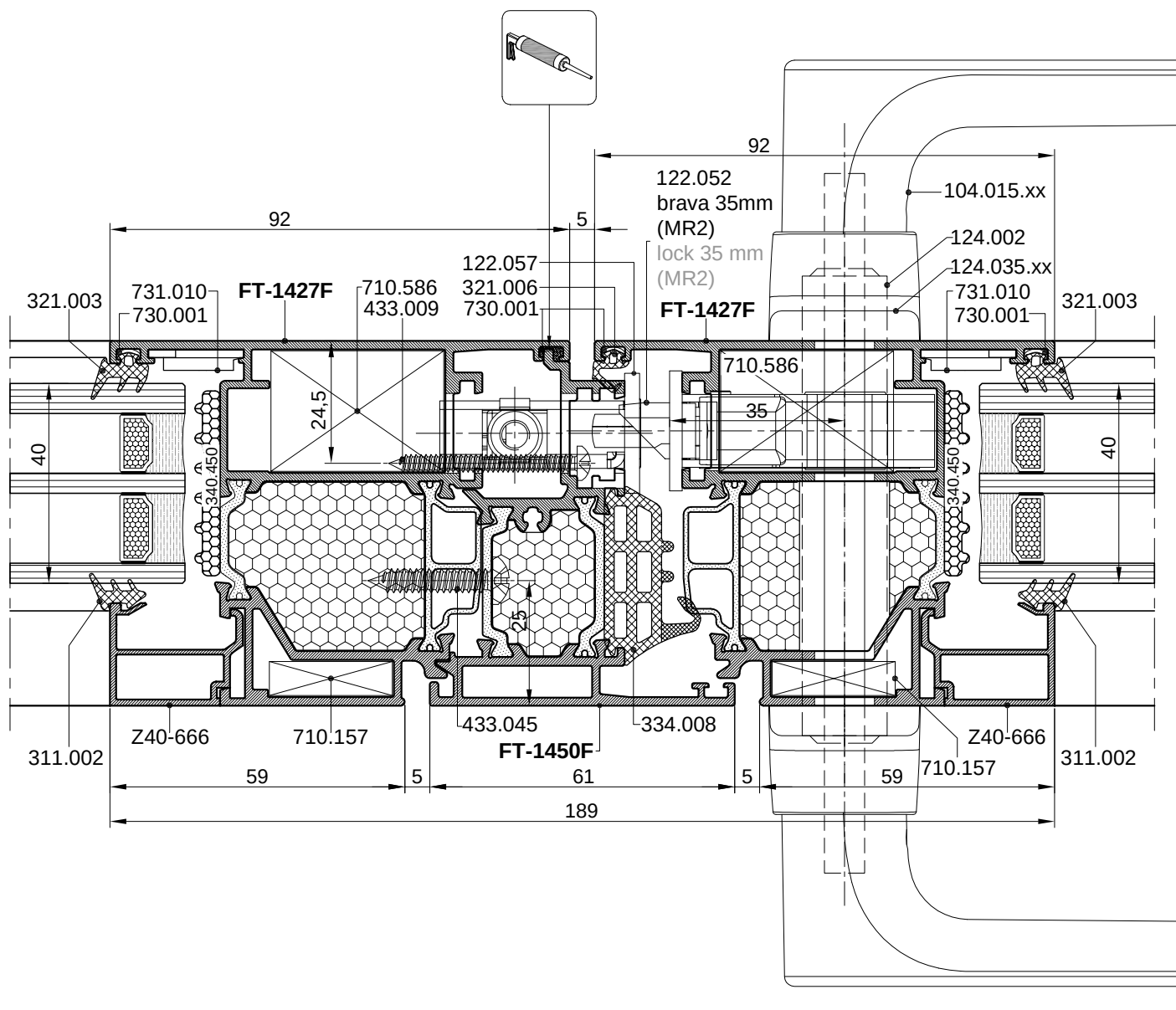
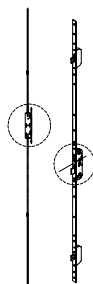
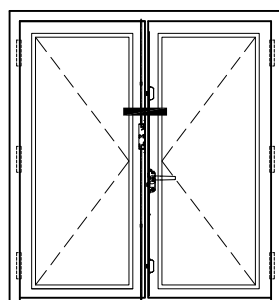


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



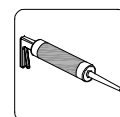
### Napomena /Remark:

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



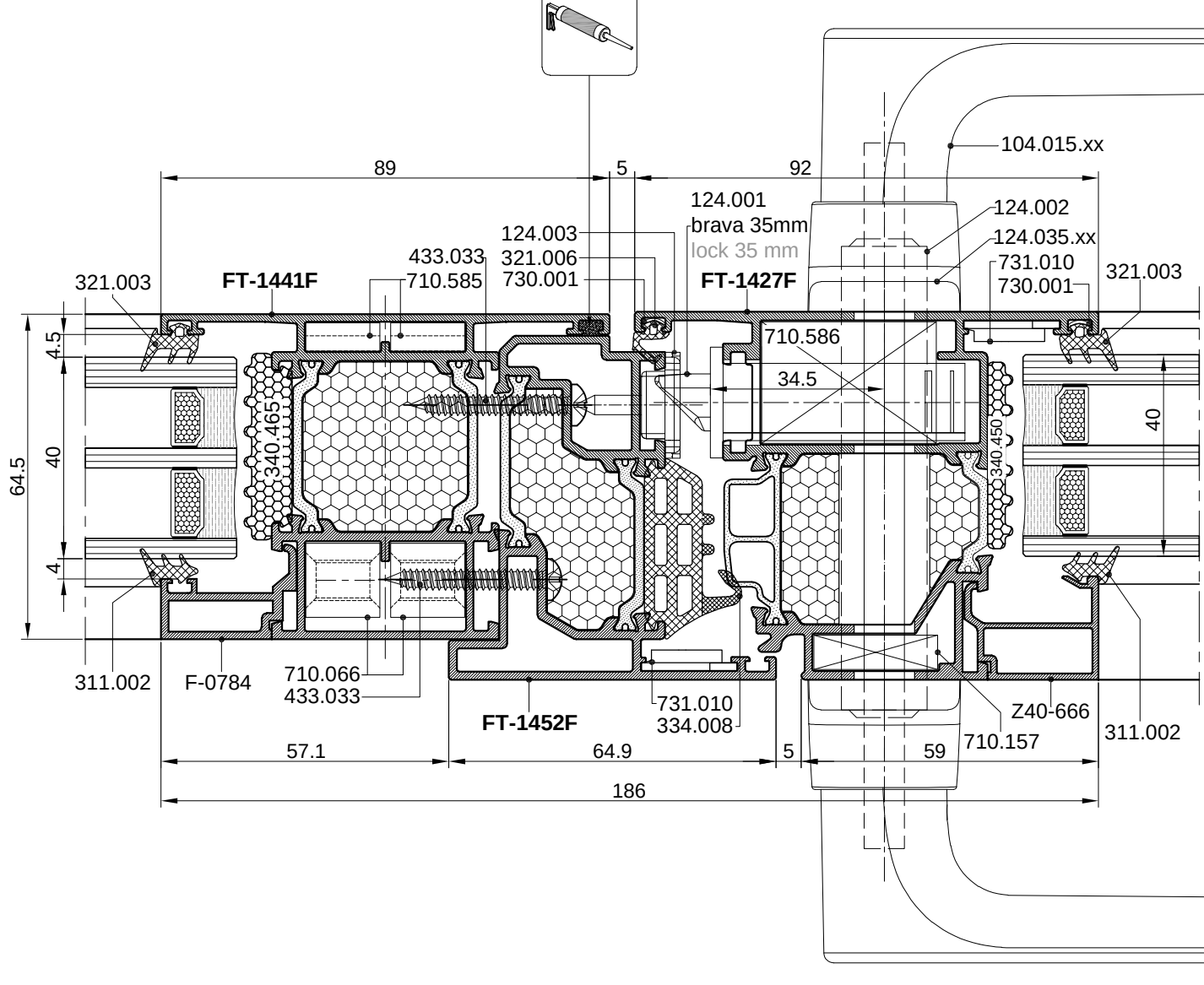
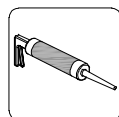
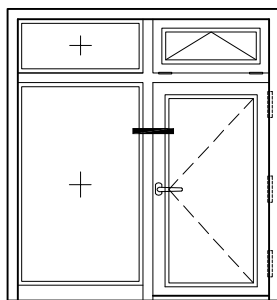
### Napomena /Remark:

- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm sa 3 mjesta ključanja -(MR2)...(122.052)
- Bravica za ključanje pomoćnog krila...(122.057)  
(ako se koristi elektro otvarač nije moguća ugradnja bravice 122.057)
- Door leaf for lock 35mm
- Safety lock 35mm with 3 locking point -(MR2)...(122.052)
- Lock for the auxilary leaf... (122.057)  
(if an electrical opener is used, it is not possible to install a lock 122.057)



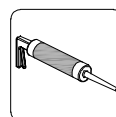
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)





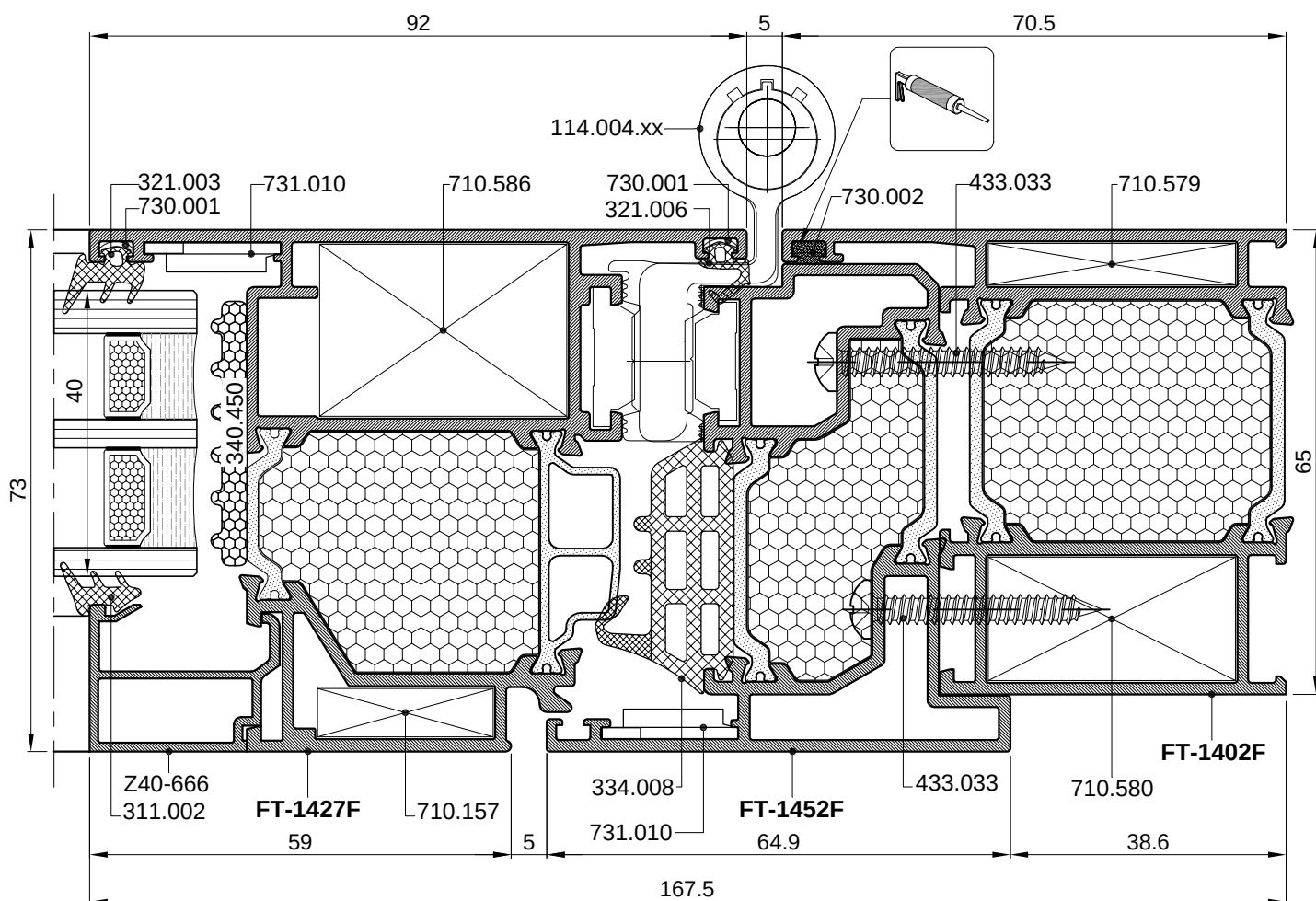
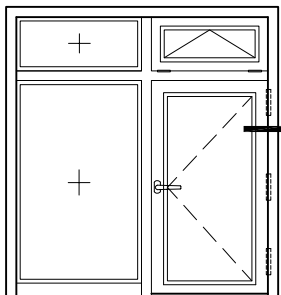
Napomena /Remark:

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

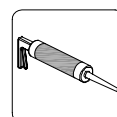


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

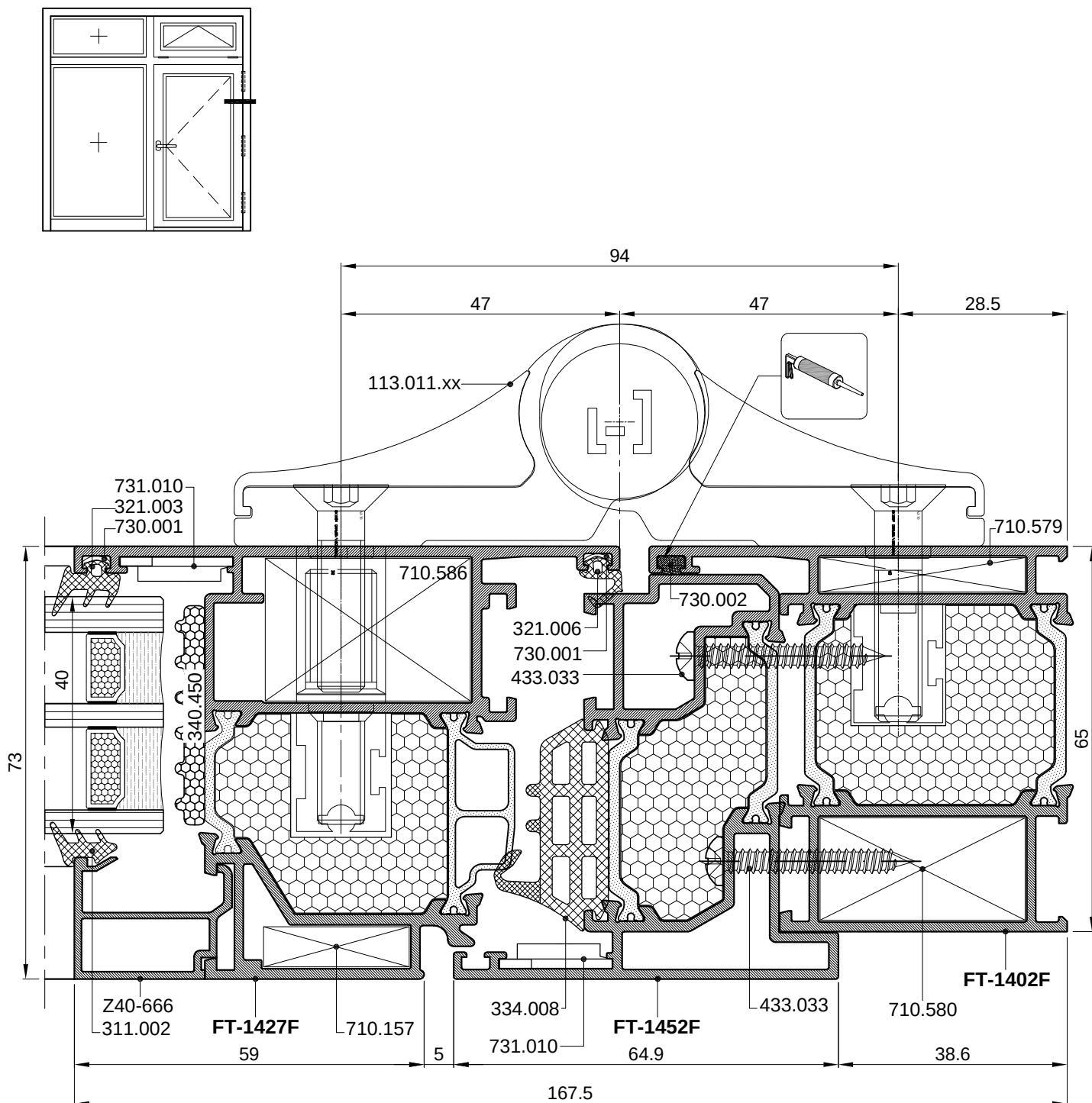




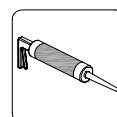
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm



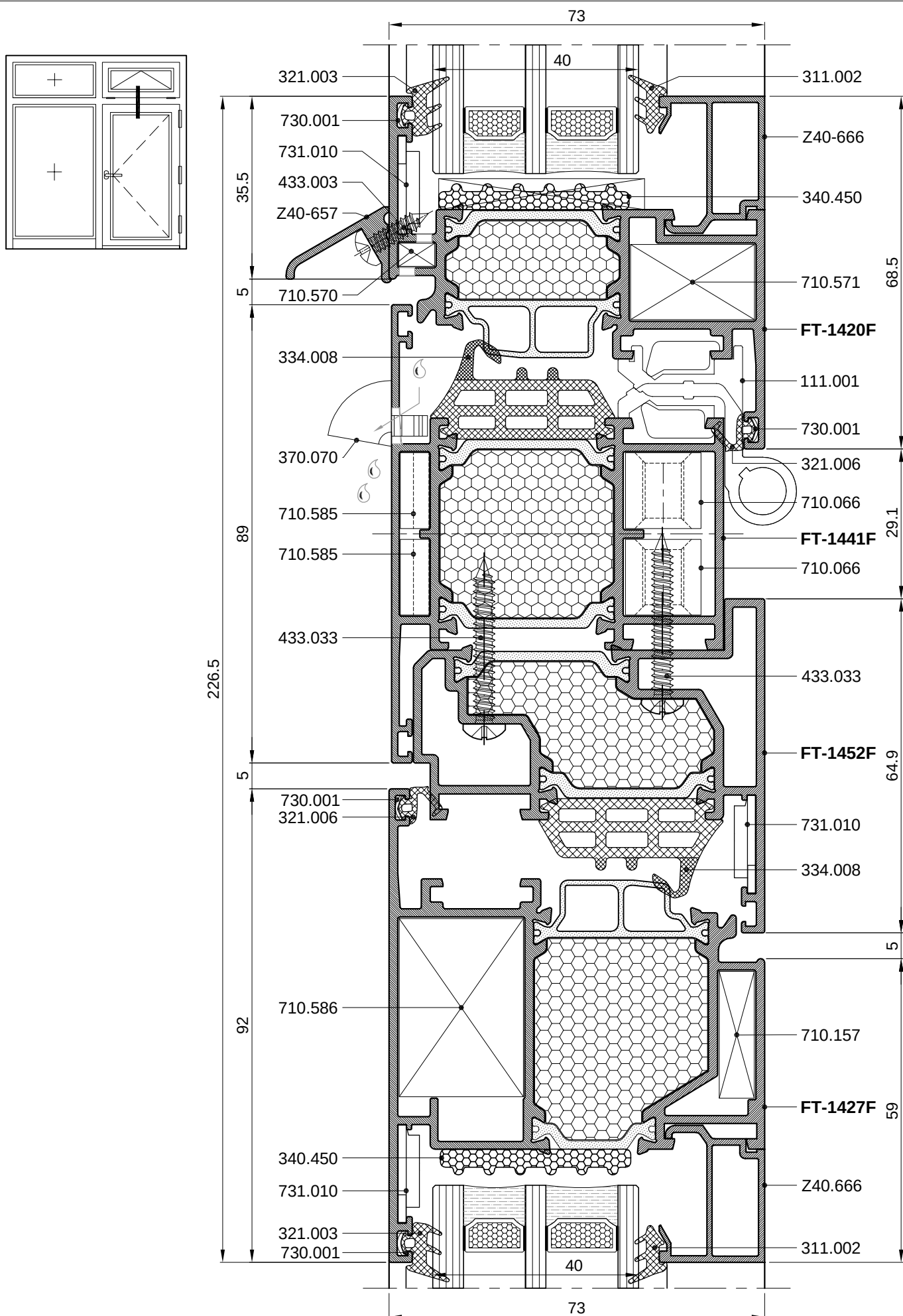
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



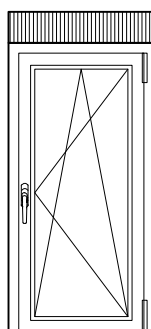
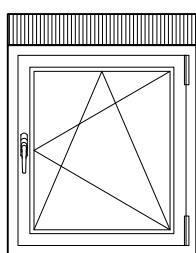
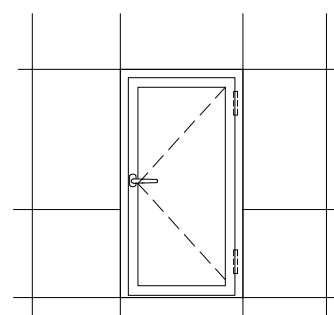
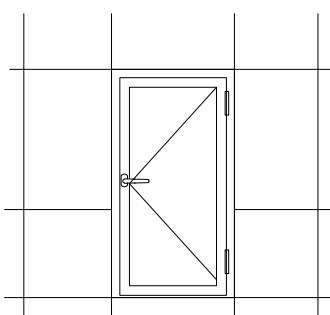
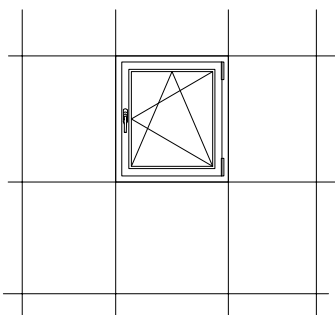
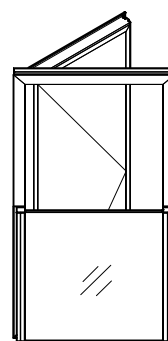
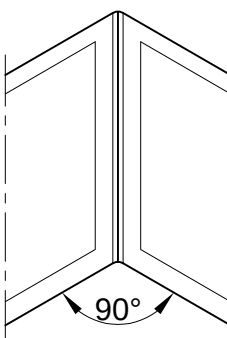
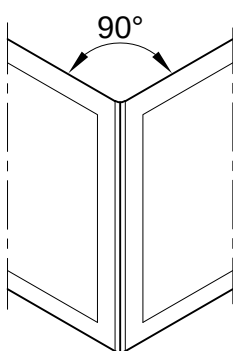
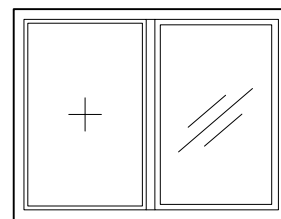
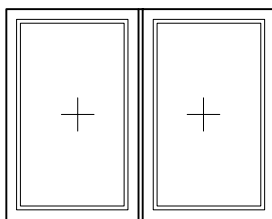
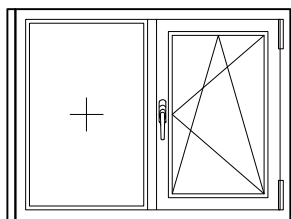
Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm

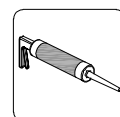
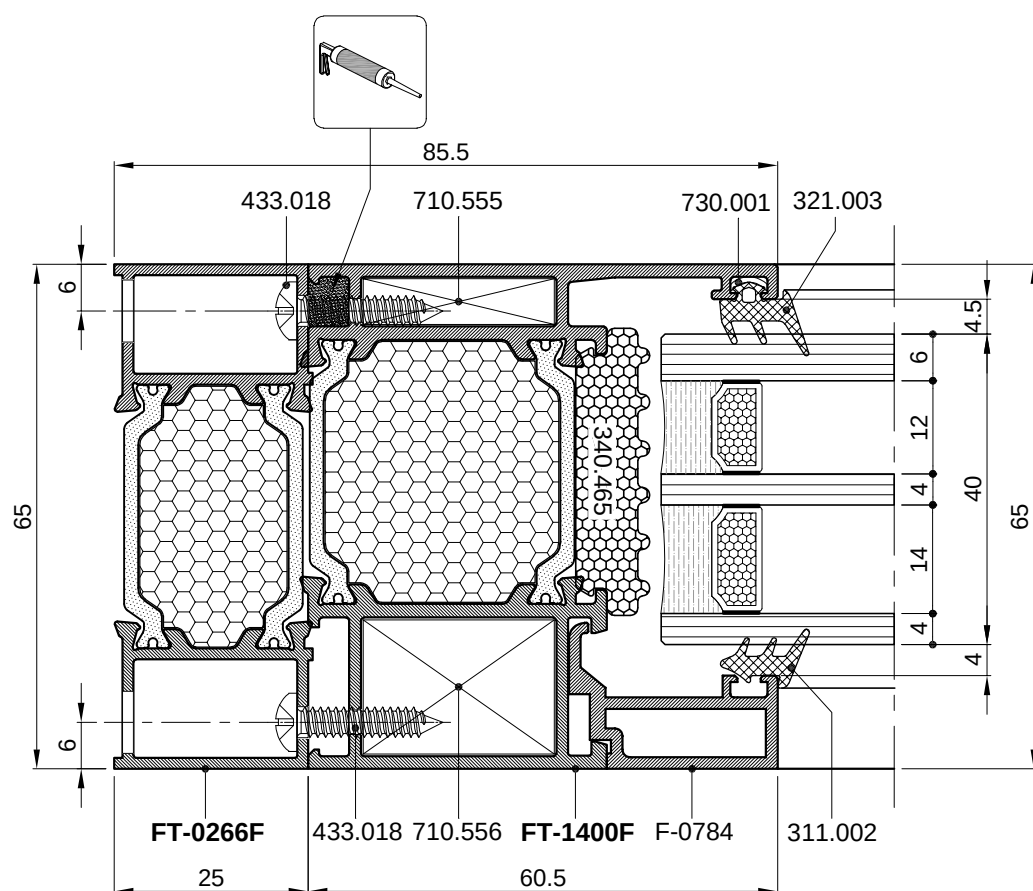
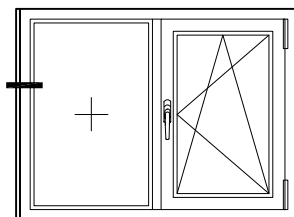


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

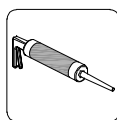
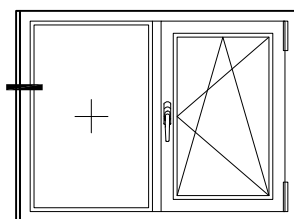




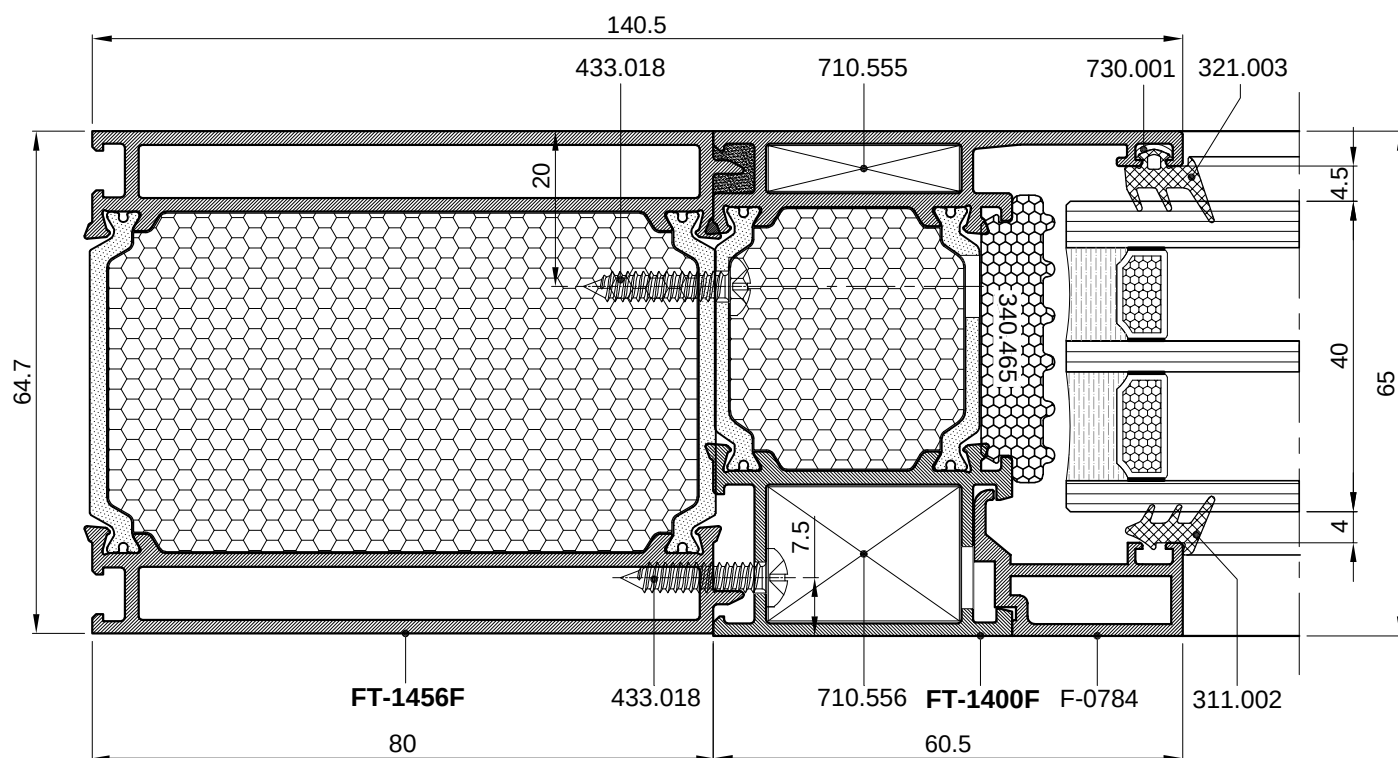
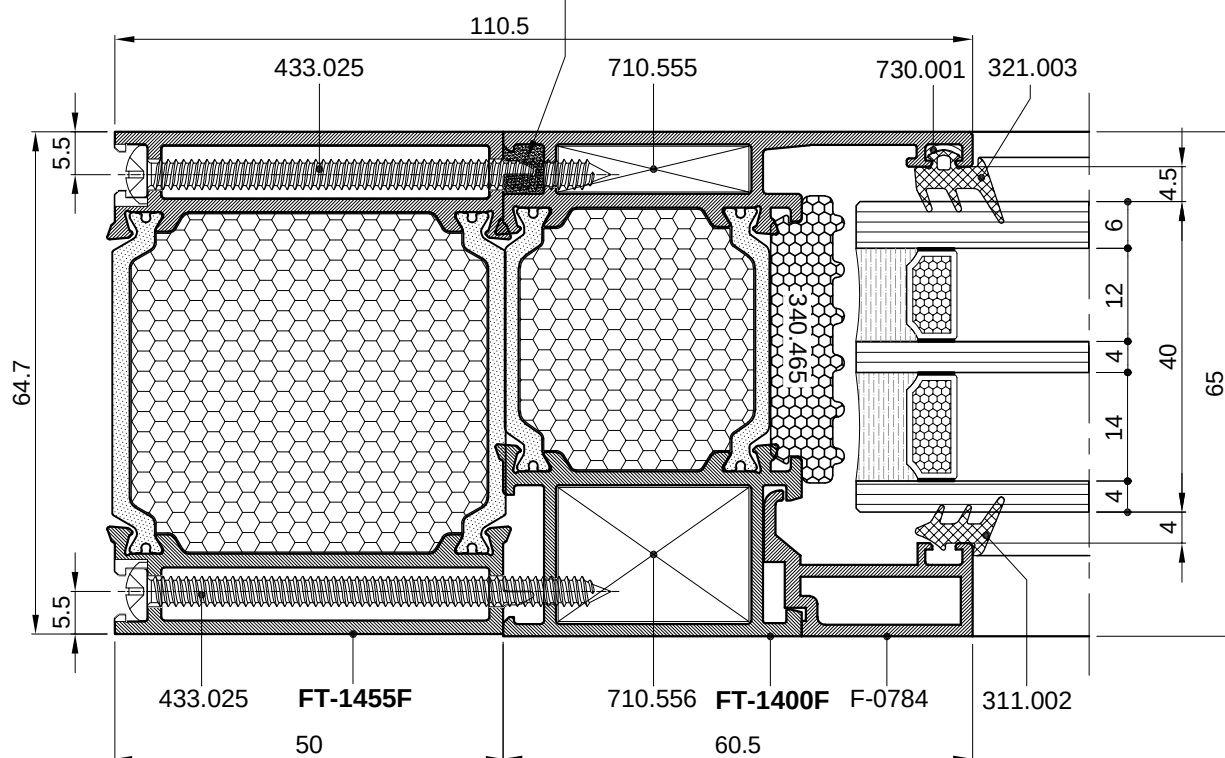




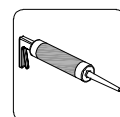
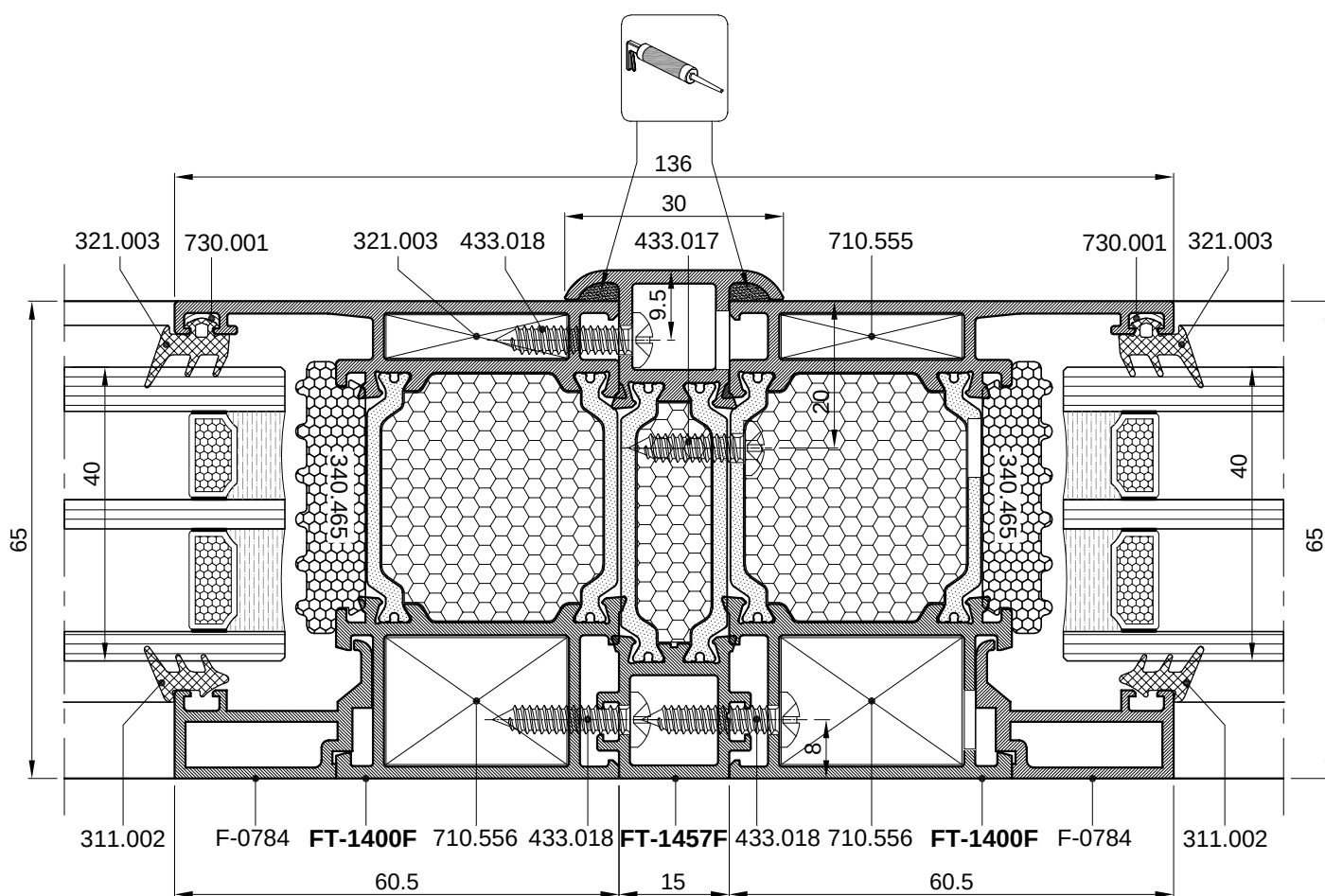
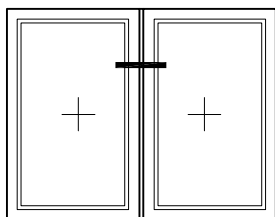
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



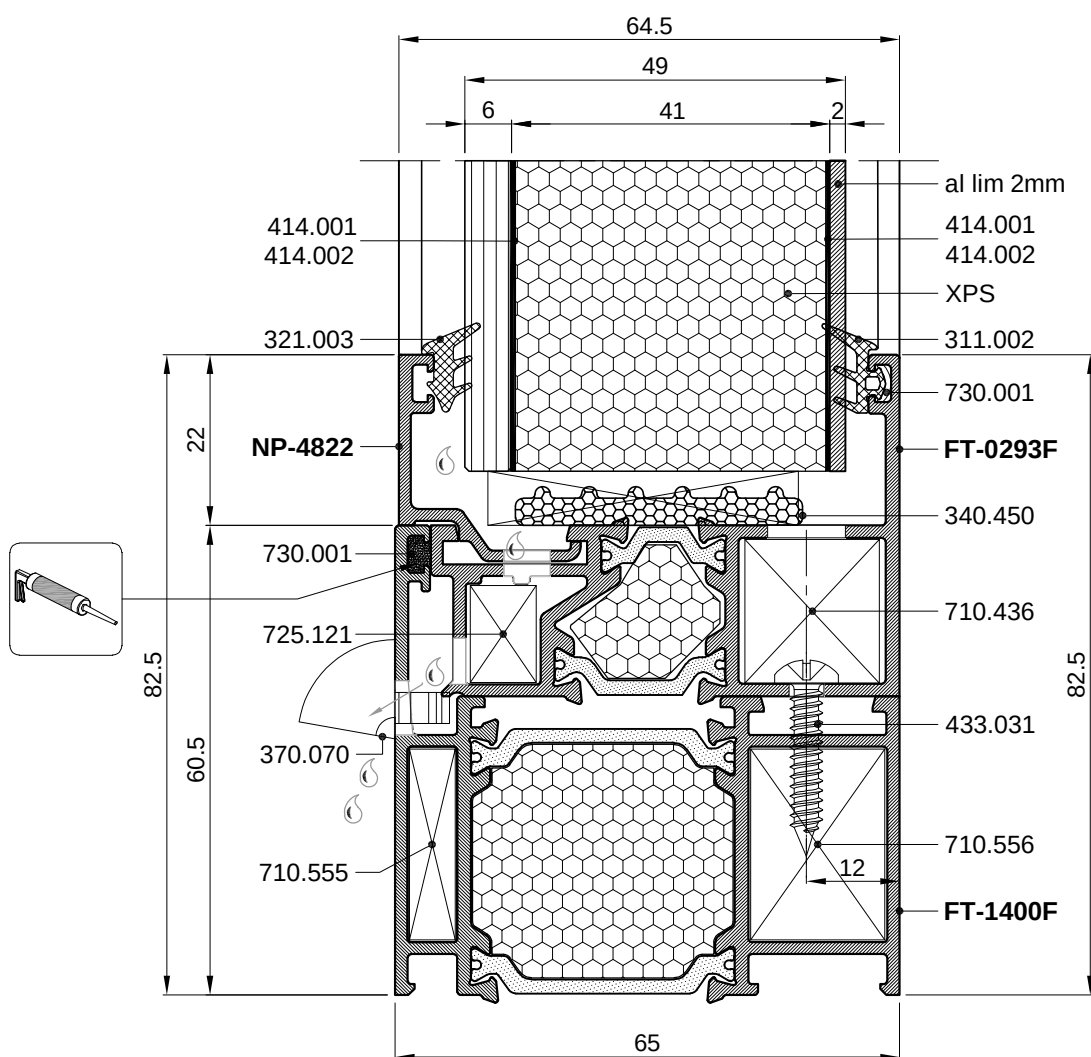
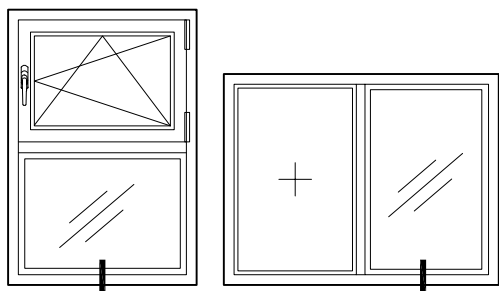
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



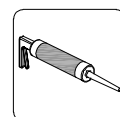




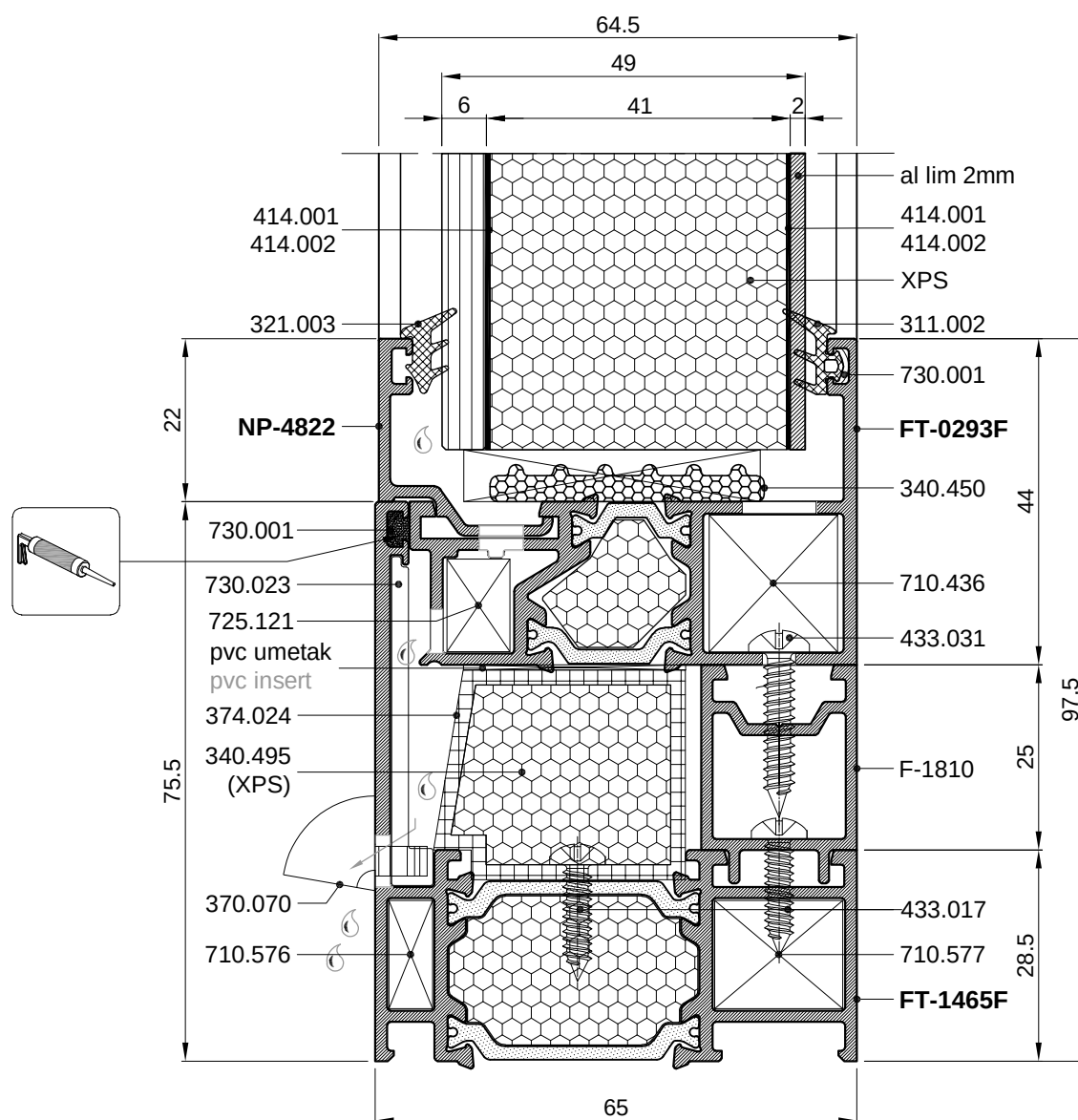
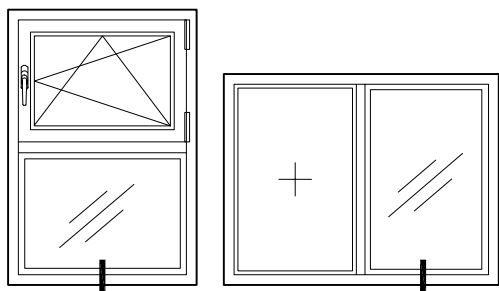
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



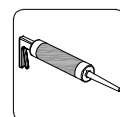
Teroson VR 20 -čistač  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -ljepilo.....414.002  
Teroson VR 20 -cleaner  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -adhesive...414.002



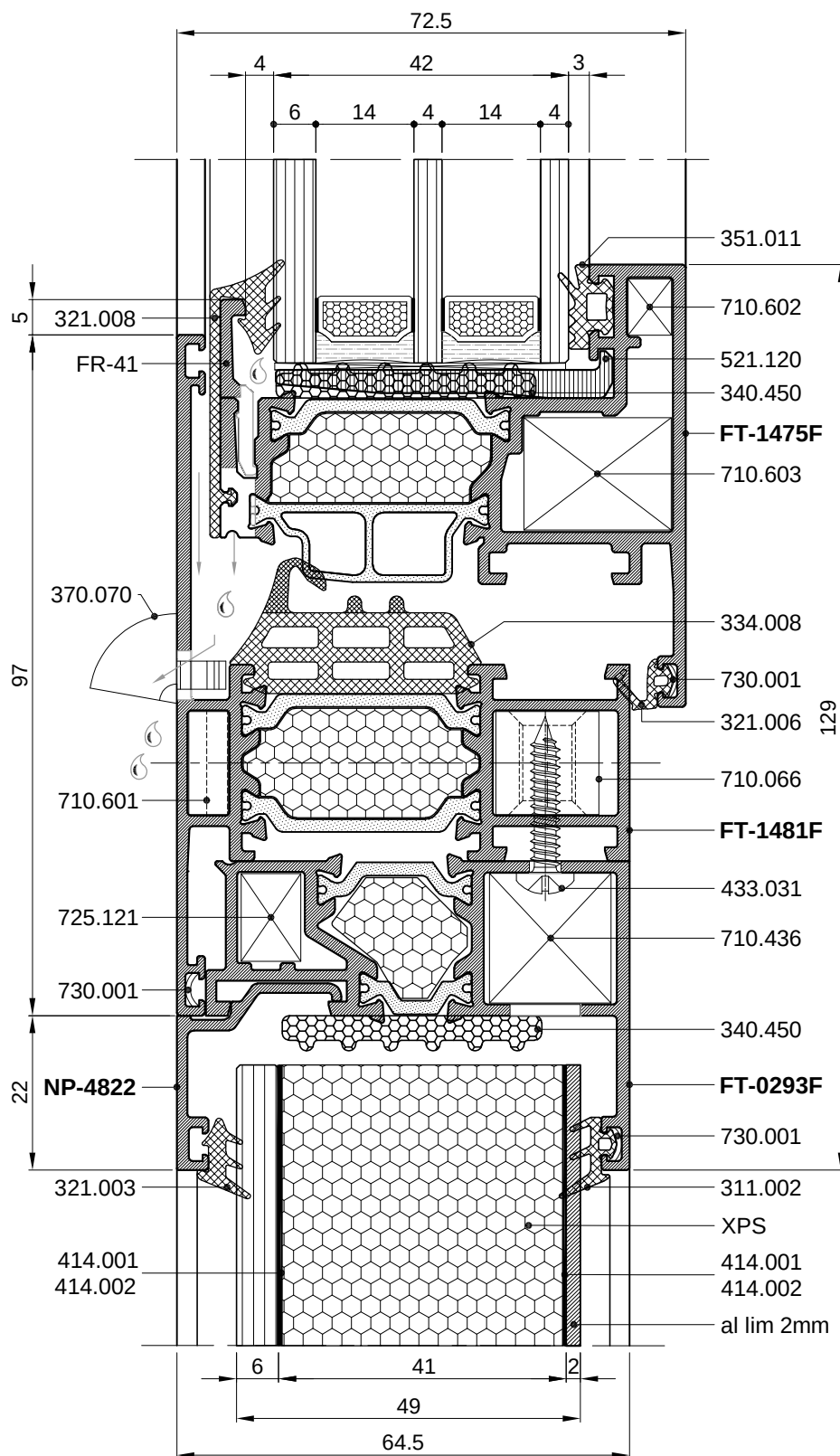
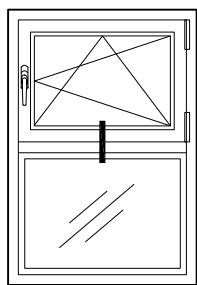
ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)



Teroson VR 20 -čistač  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -ljepilo.....414.002  
Teroson VR 20 -cleaner  
Teroson PU 8519P -primer.....414.001  
Teroson MS 9399 -adhesive...414.002

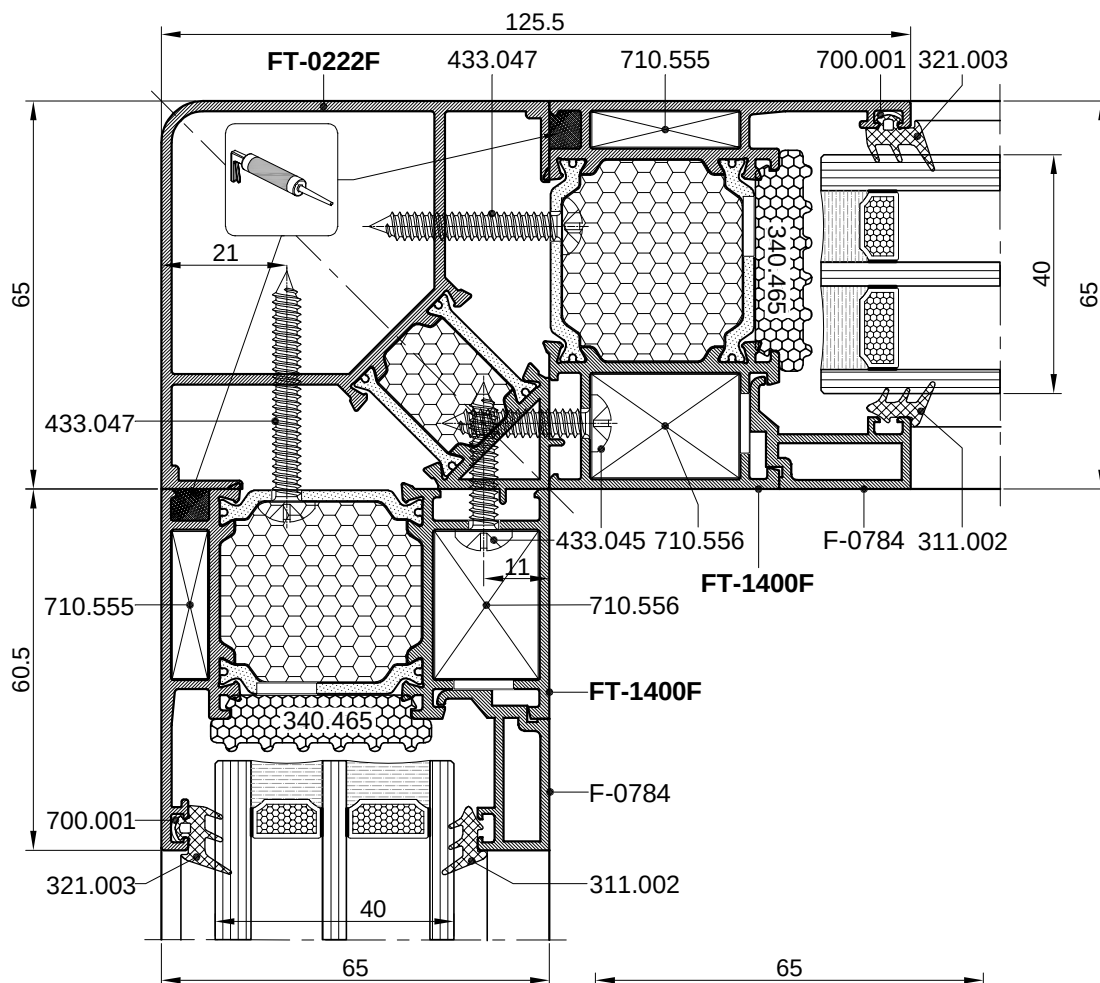
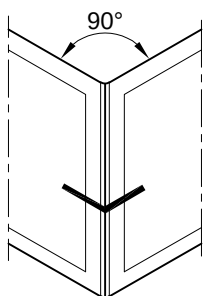


ljepilo za metal  
(npr. Teroson MS 939)  
metal glue  
(eg. Teroson MS 939)

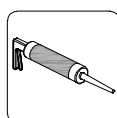
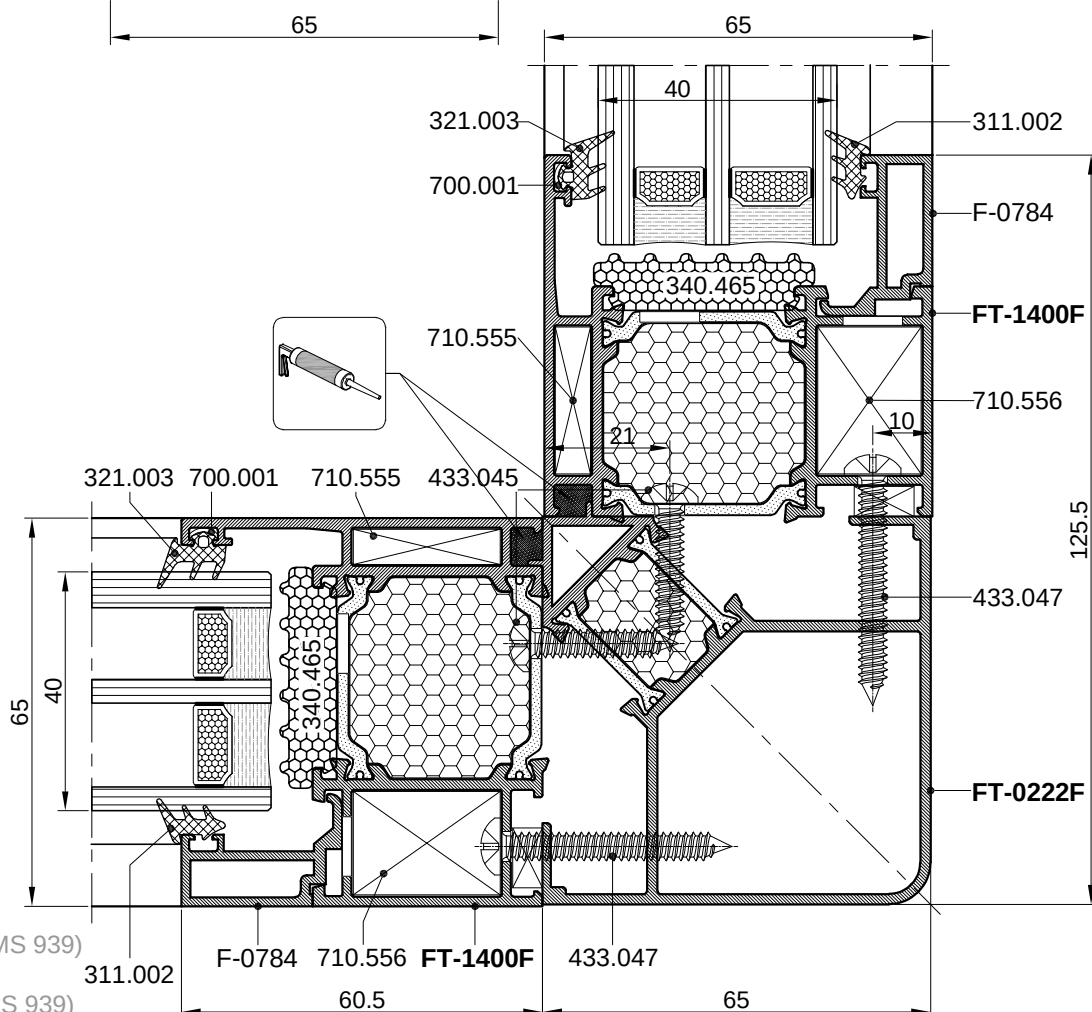
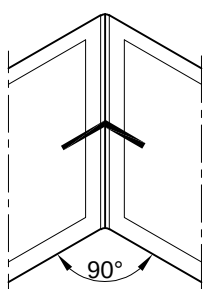


Teroson VR 20 -čistač  
 Teroson PU 8519P -primer.....414.001  
 Teroson MS 9399 -ljepilo.....414.002  
 Teroson VR 20 -cleaner  
 Teroson PU 8519P -primer.....414.001  
 Teroson MS 9399 -adhesive...414.002

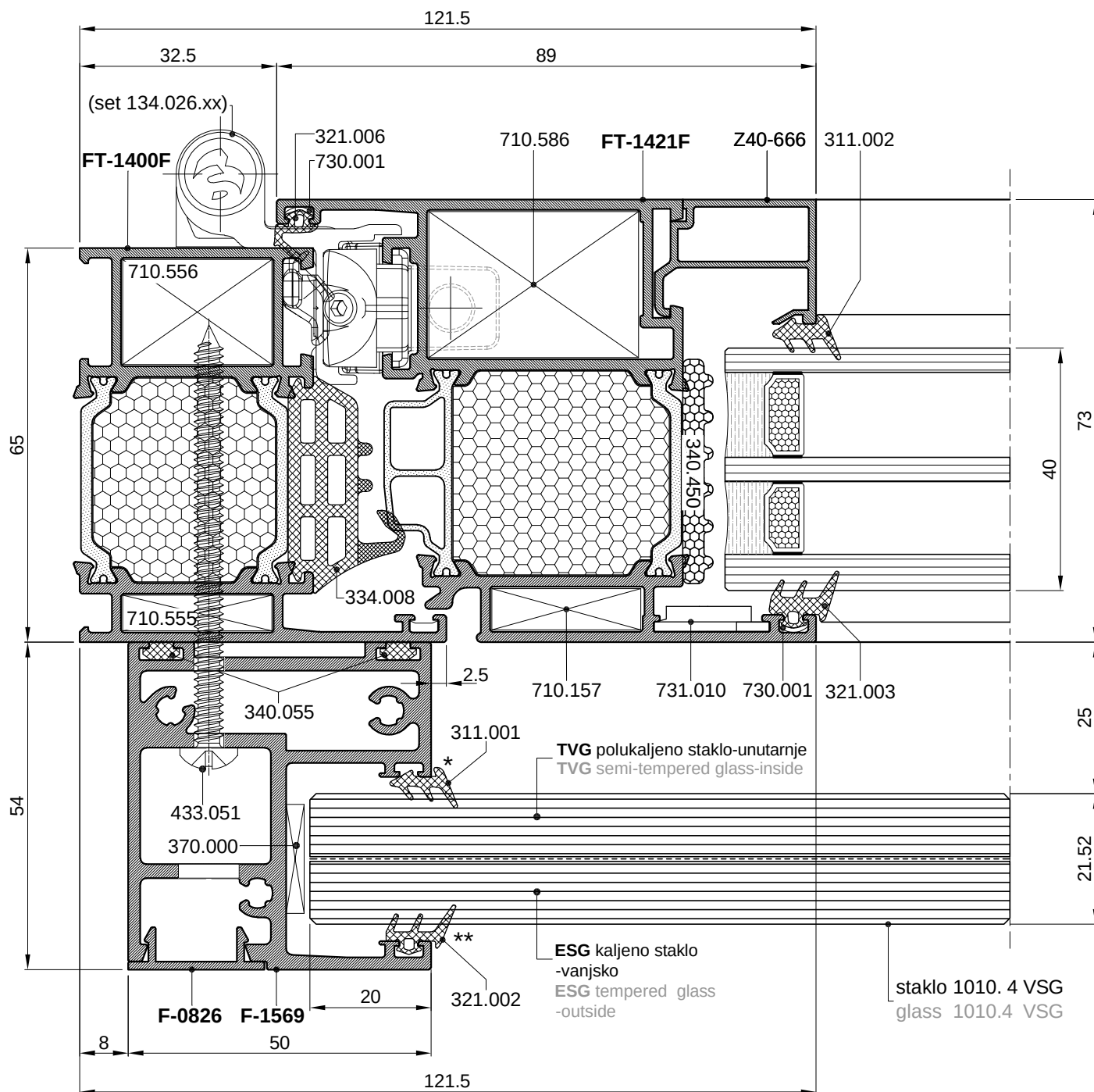
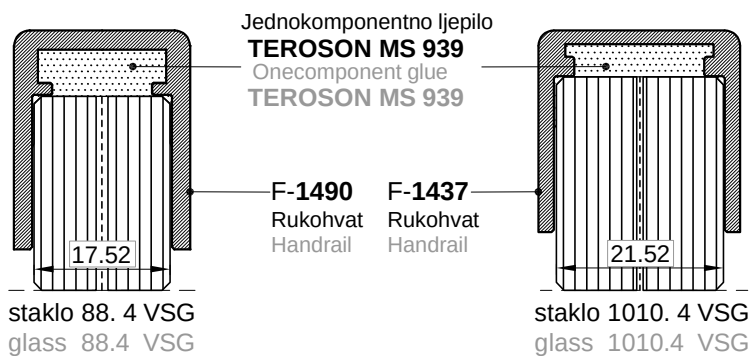
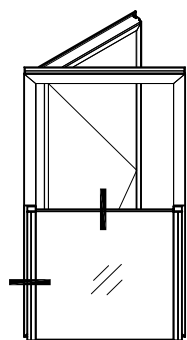
KUT PREMA VANI  
OUTSIDE CORNER



KUT PREMA UNUTRA  
INSIDE CORNER



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



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

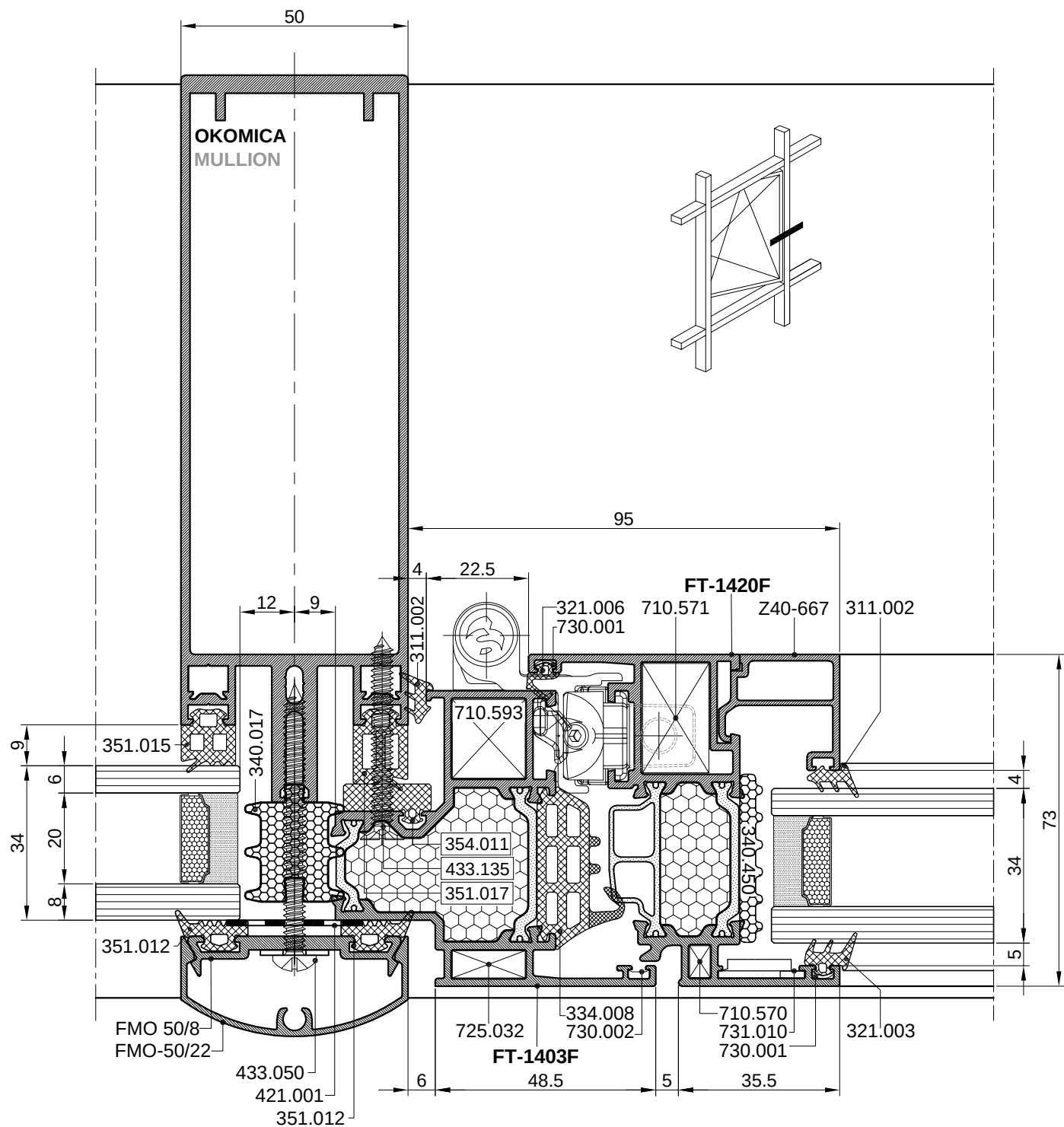
\*\* 321.003

\* 311.007

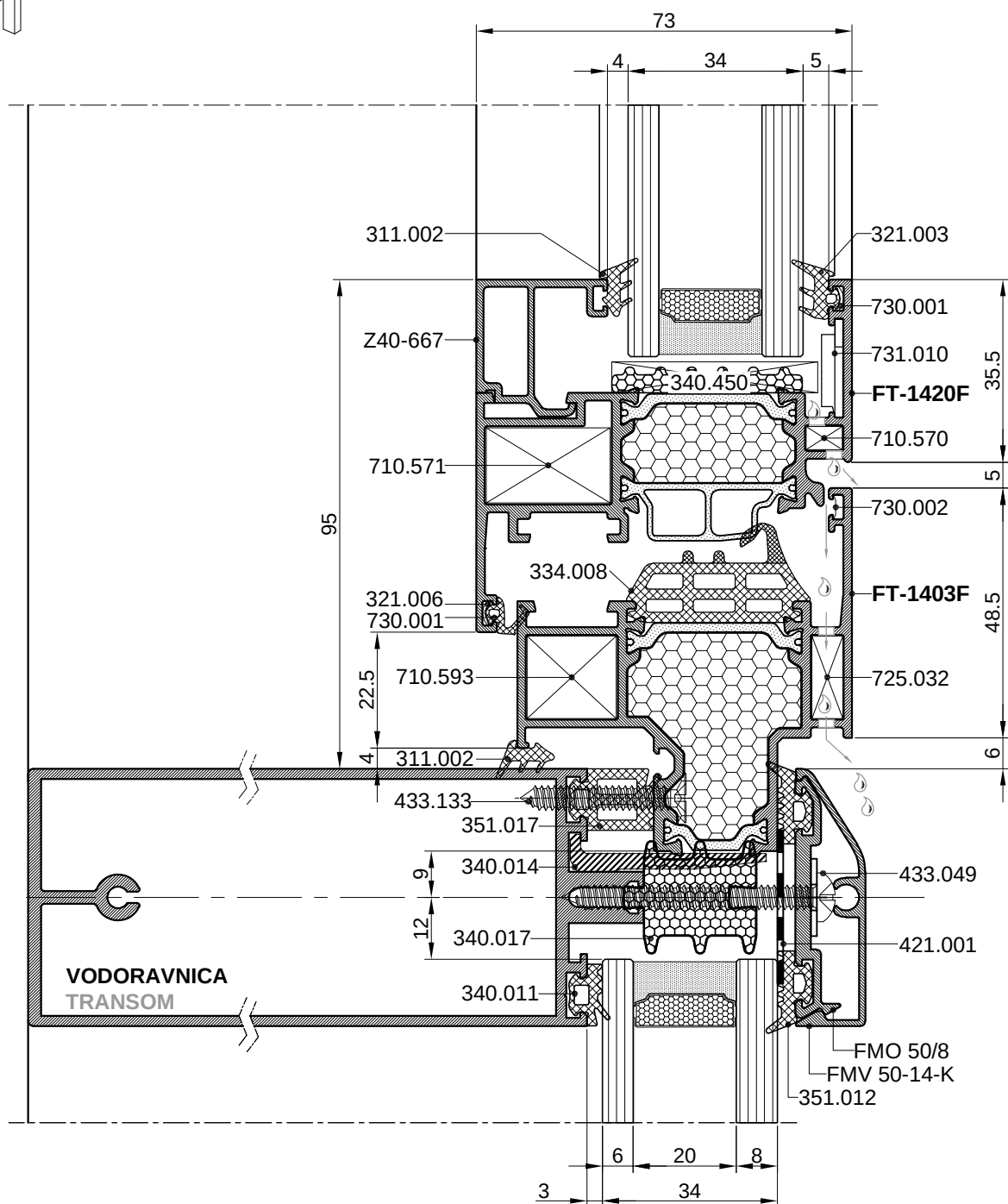
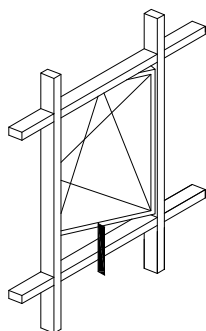


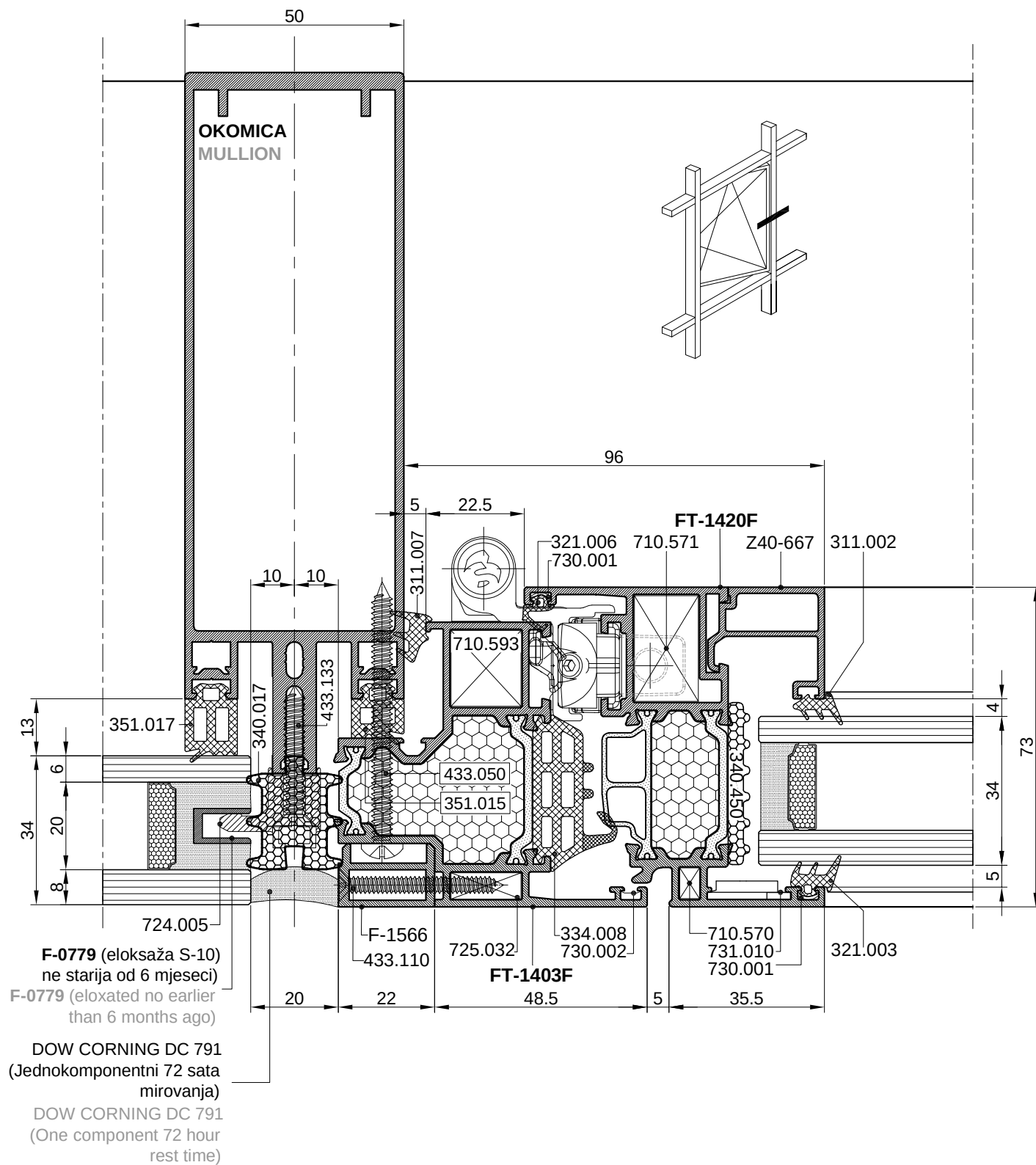
Detalje obrade i montaže obavezno koristiti iz FEAL kataloga Francuski balkon.  
Details of processing and montage must be used from the FEAL catalog French balcony.

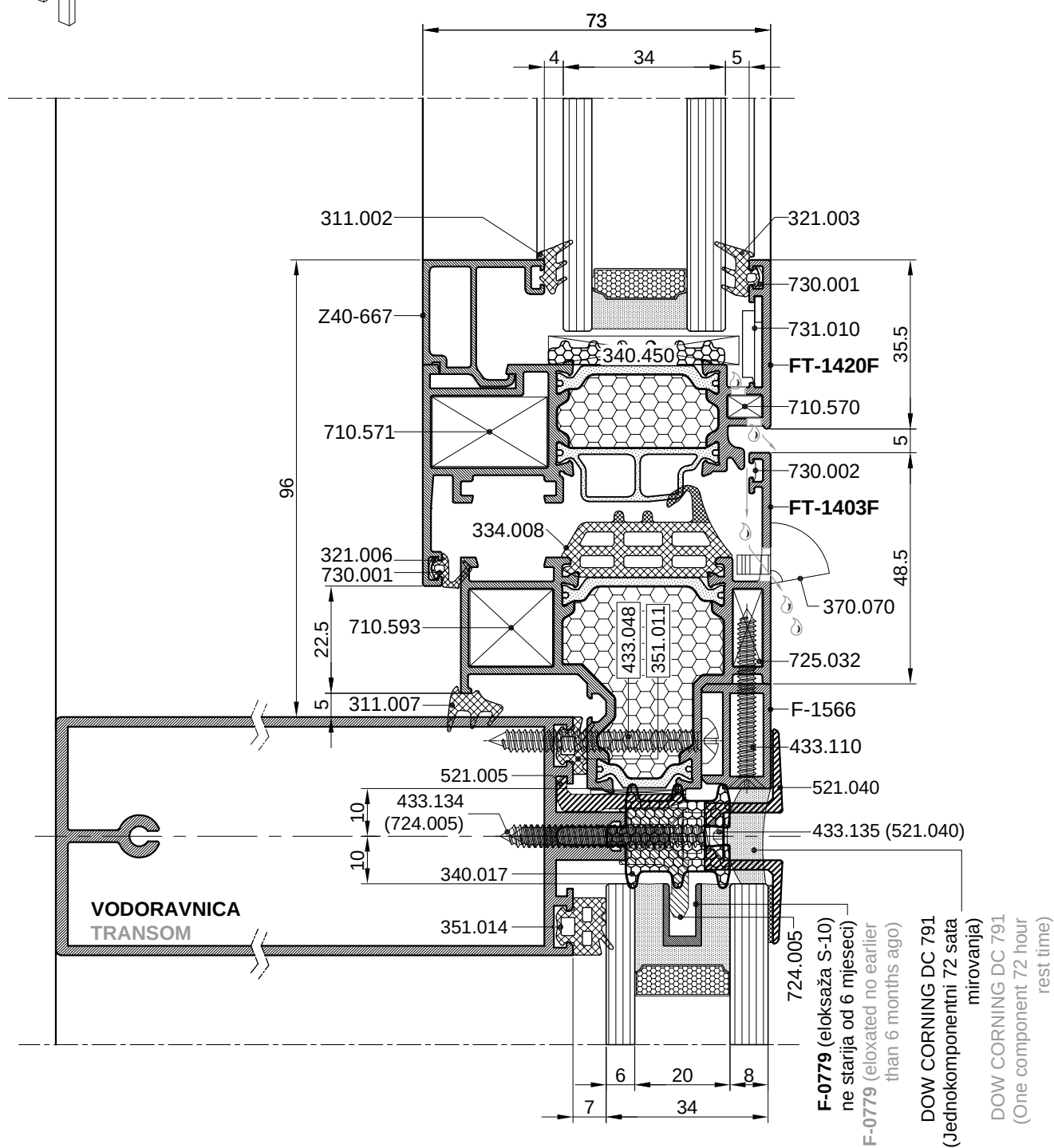
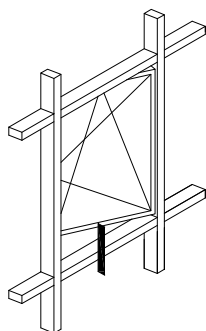


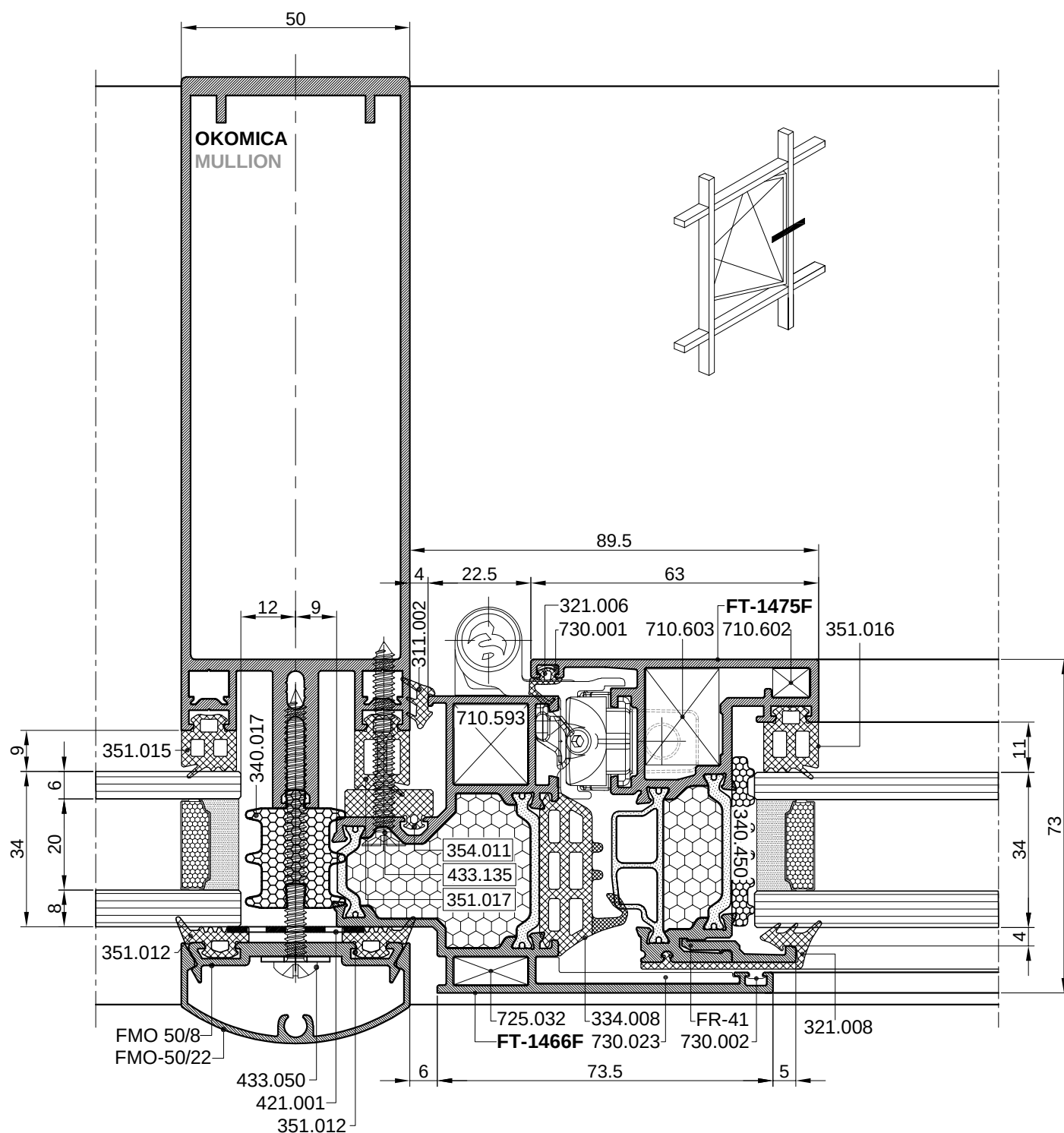


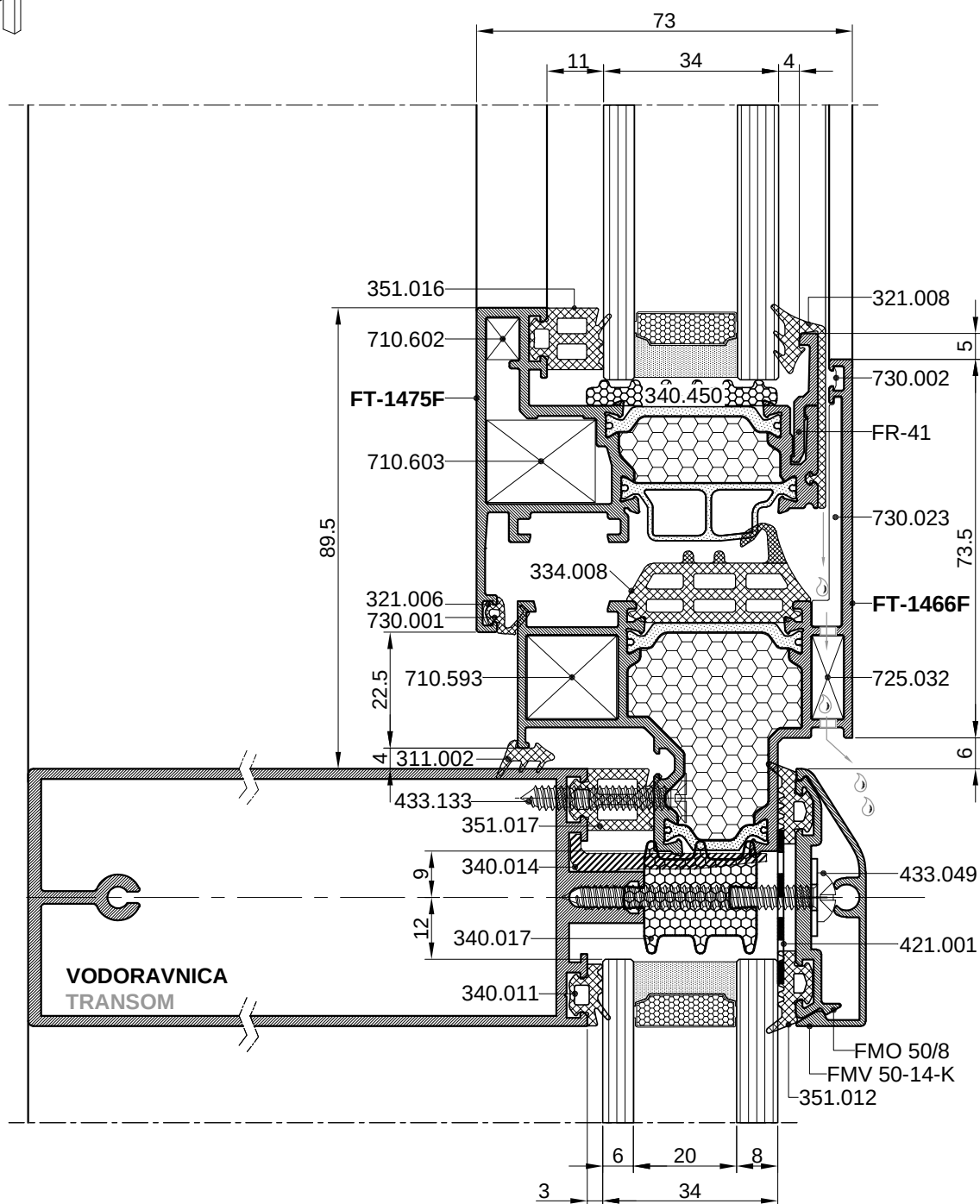
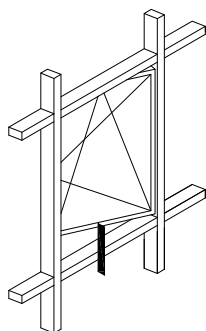


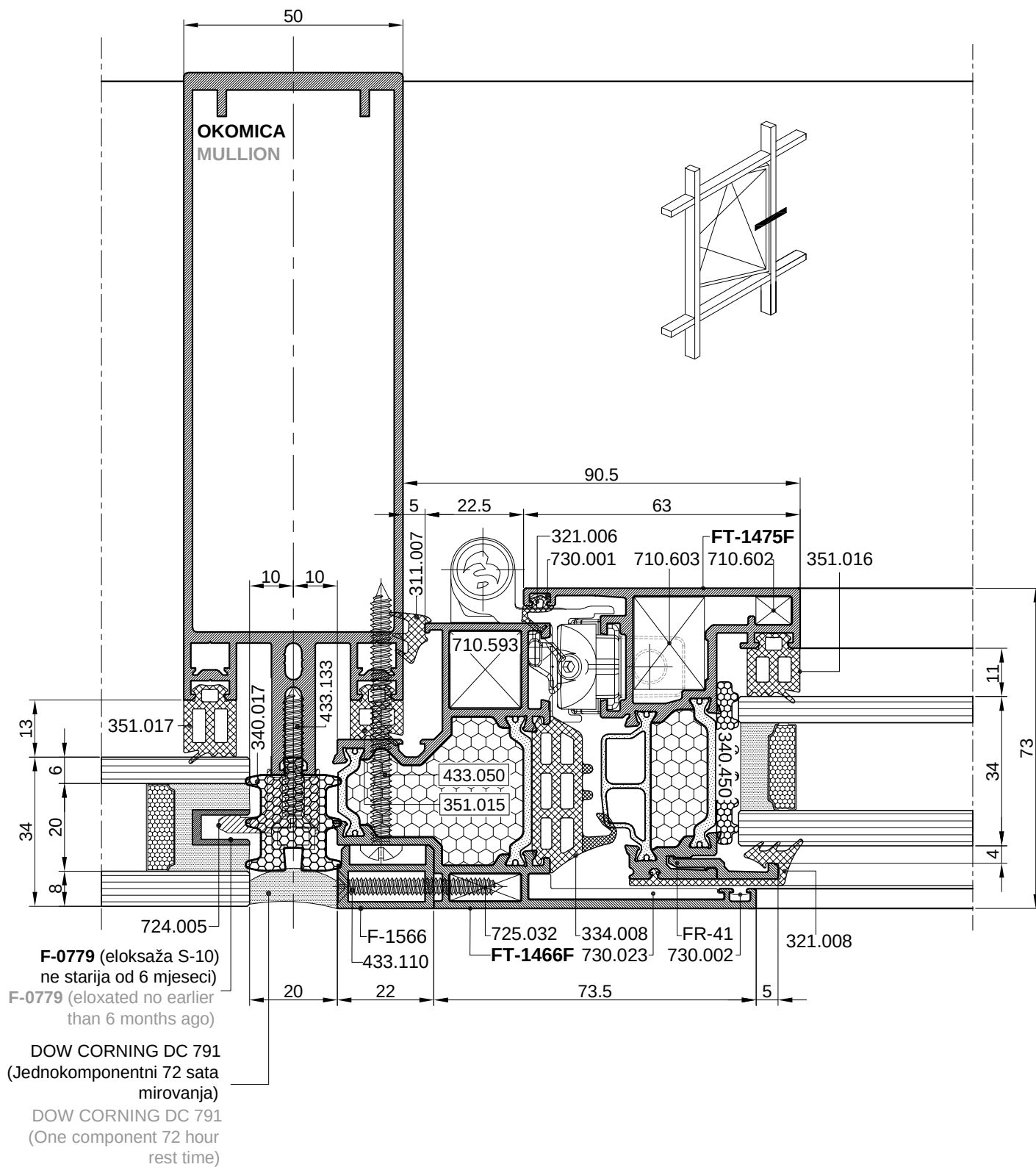




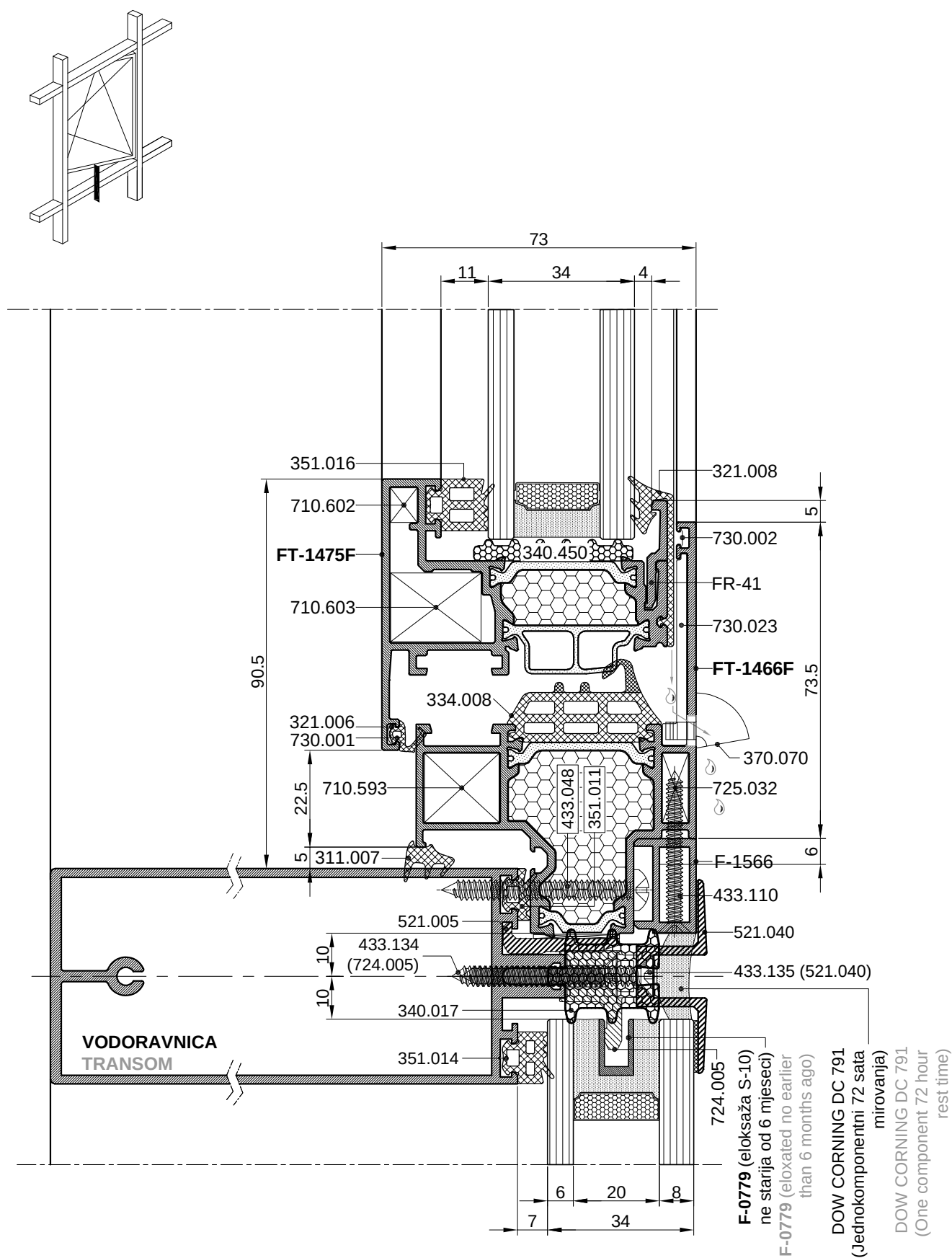




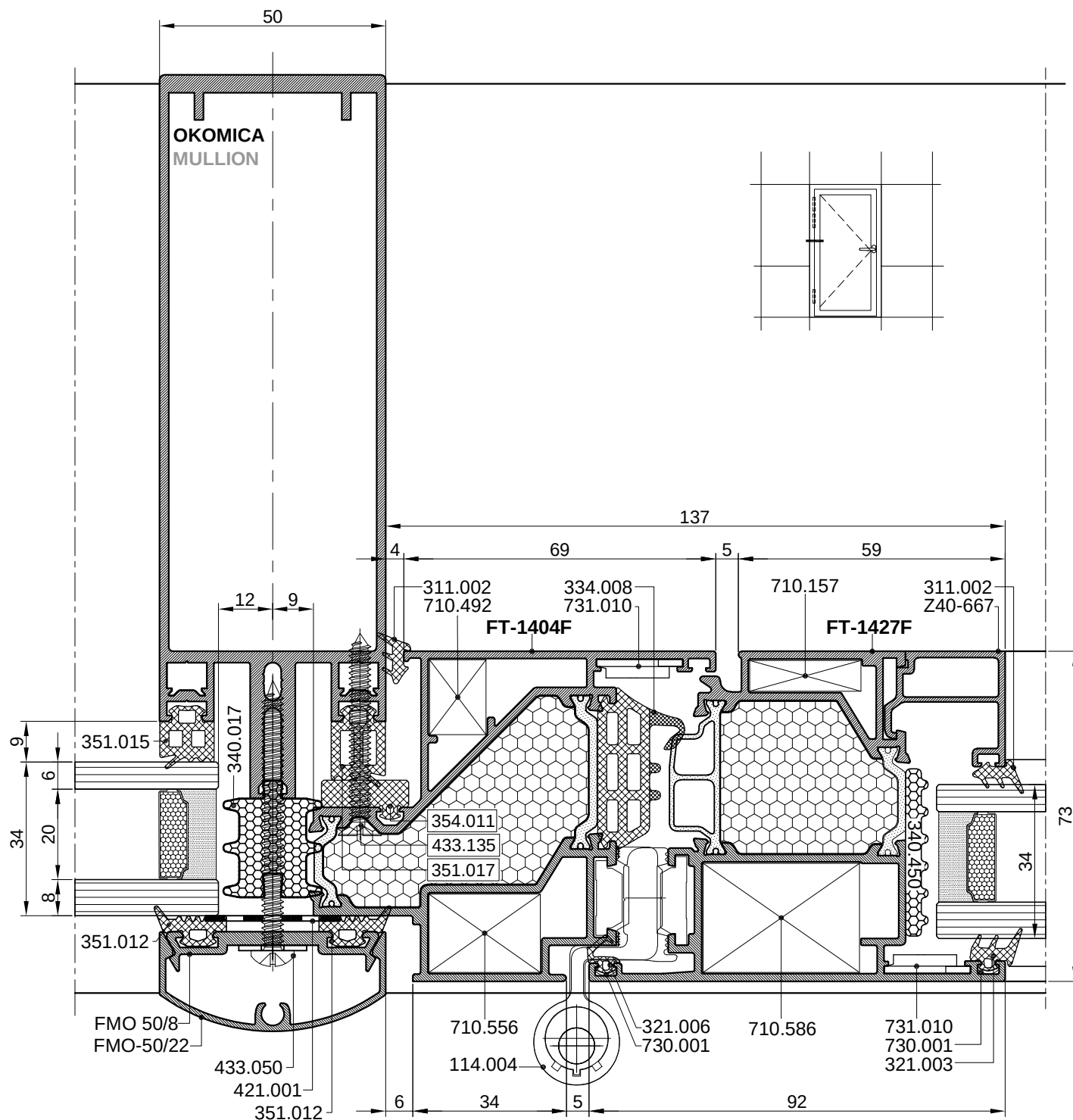




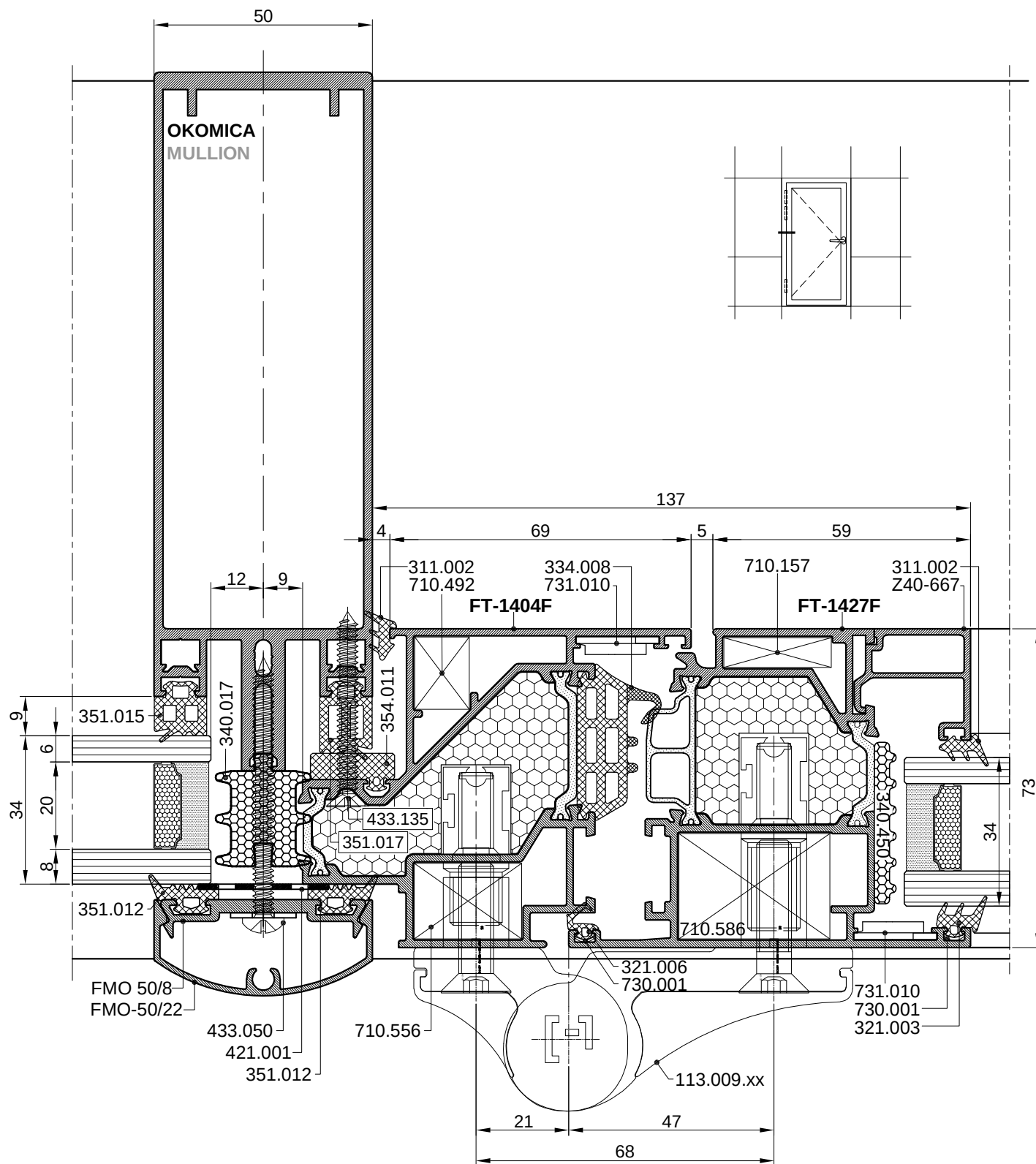






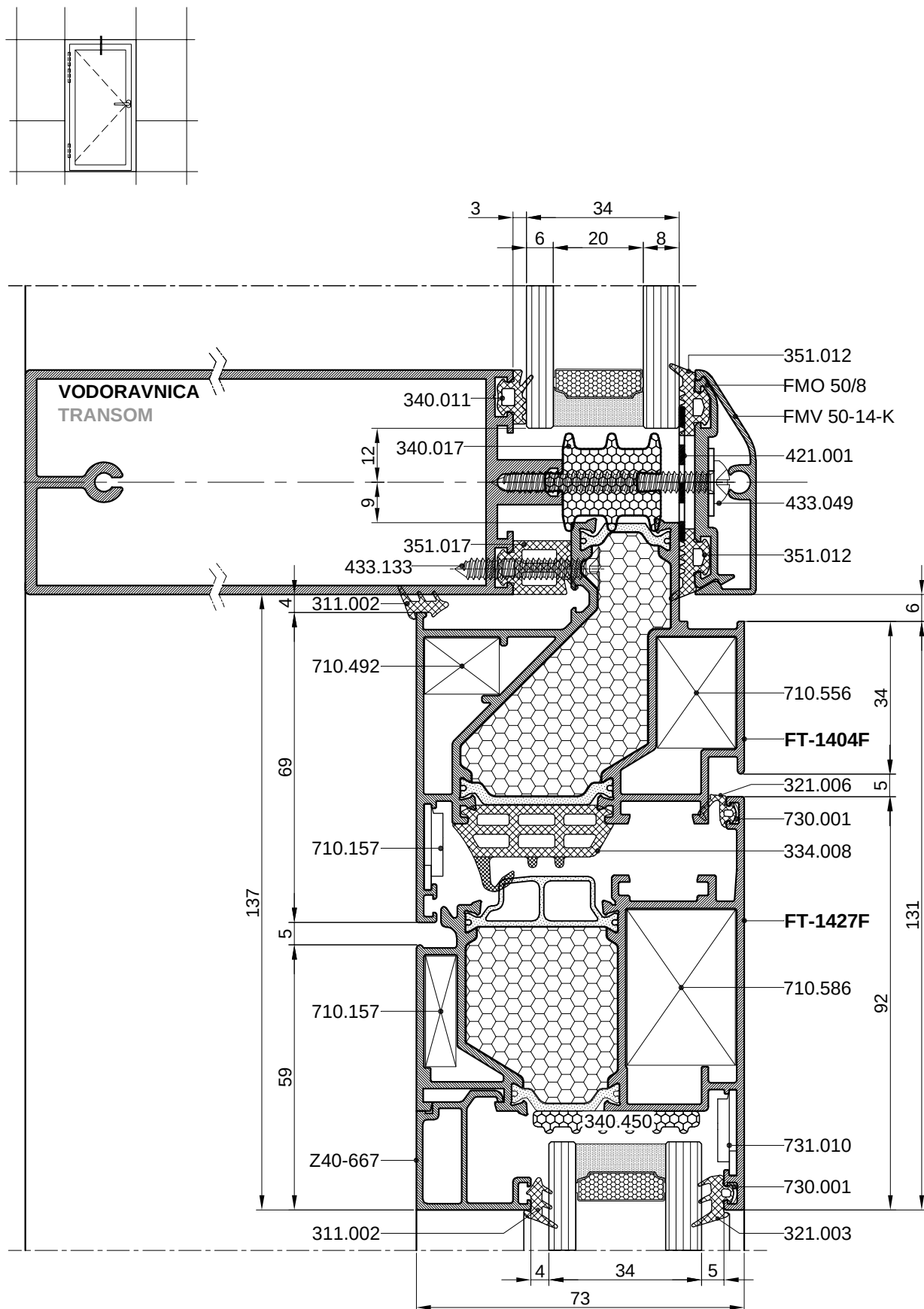


Napomena: Krilo vrata za bravu 35mm  
Remark: Door leaf for lock 35mm

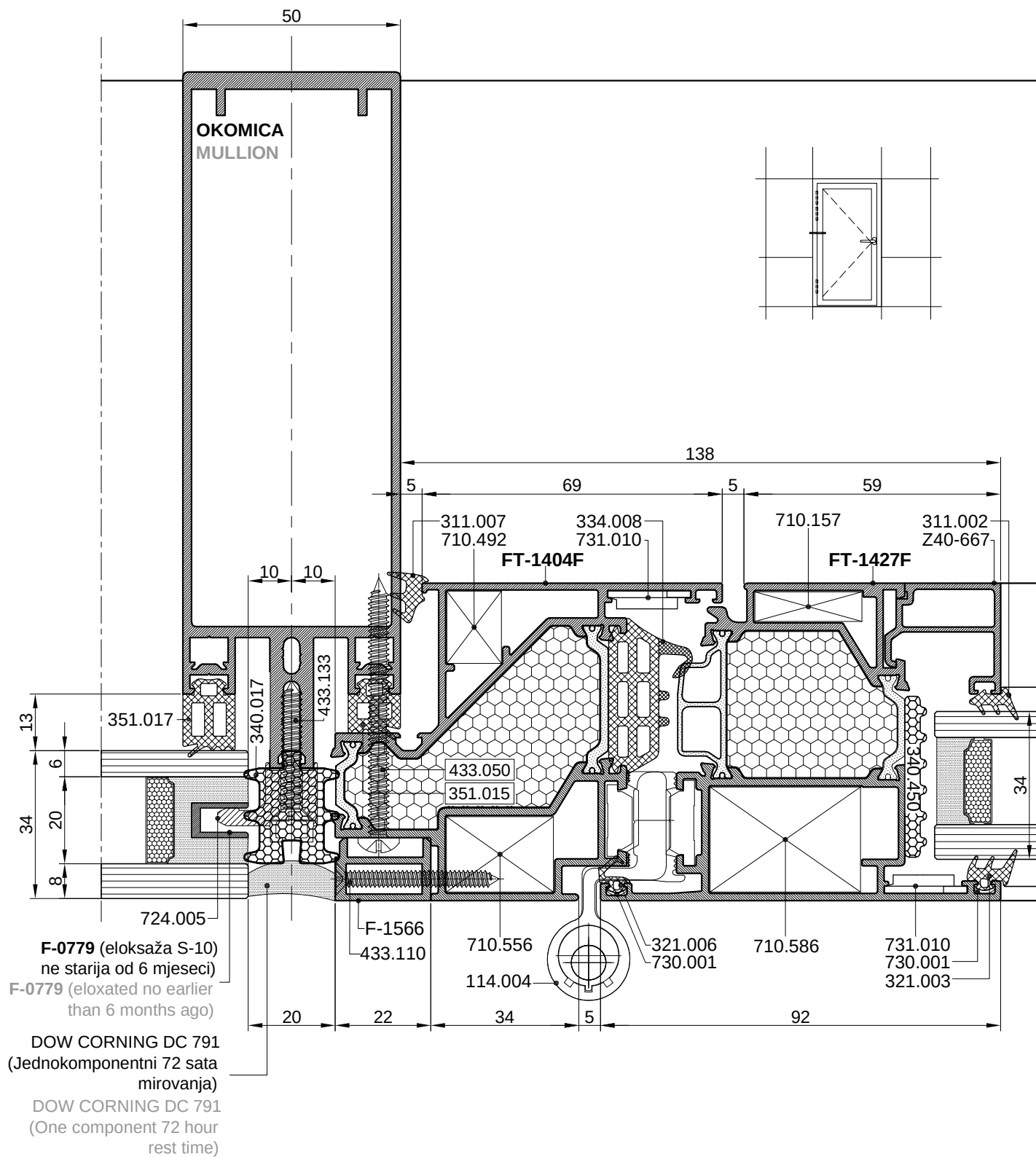


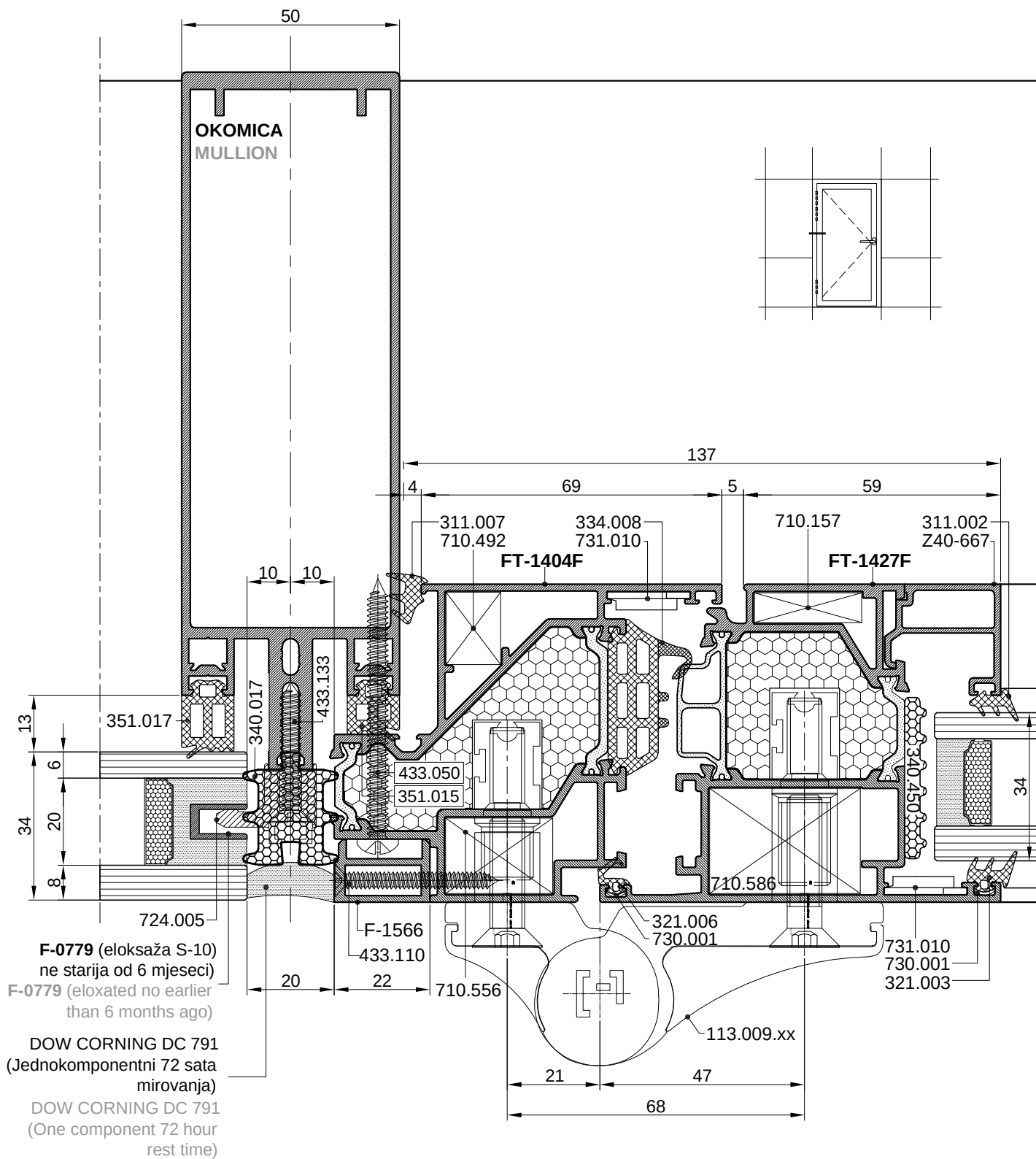
SET USADNIH BAGLAMA - OSNO 68 mm  
UGRAĐUJE SE U KRILO VRATA FT-1427F (OTVARANJE VANI)  
SET OF SCREW-IN HINGES - AXIAL DISTANCE 68 mm  
INSTALLED IN DOOR LEAF FT-1427F (OUTWARDS OPENING)

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



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





SET USADNIH BAGLAMA - OSNO 68 mm

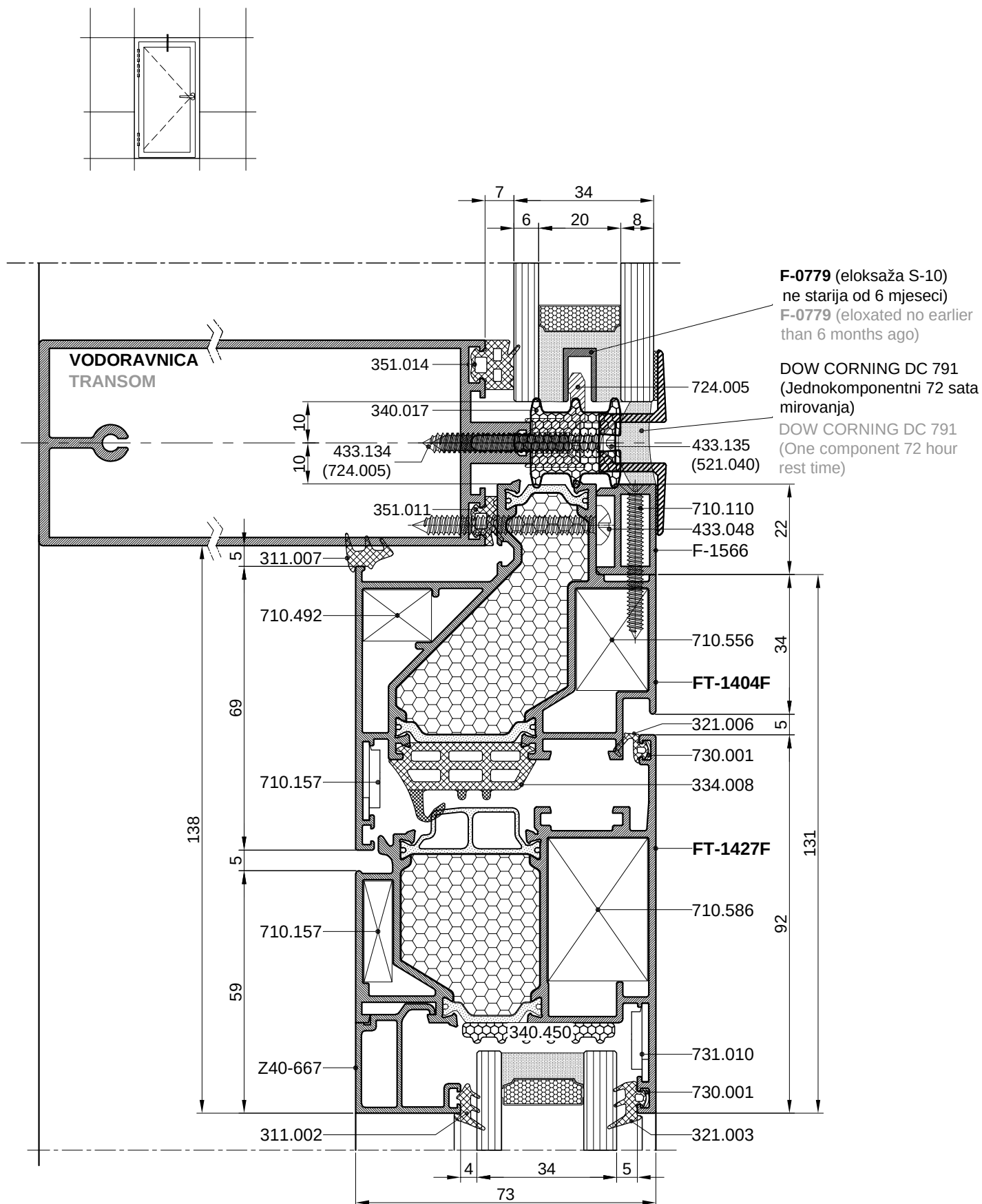
UGRAĐUJE SE U KRILO VRATA FT-1427F (OTVARANJE VANI)

SET OF SCREW-IN HINGES - AXIAL DISTANCE 68 mm

INSTALLED IN DOOR LEAF FT-1427F (OUTWARDS OPENING)

Napomena: Krilo vrata za bravu 35mm

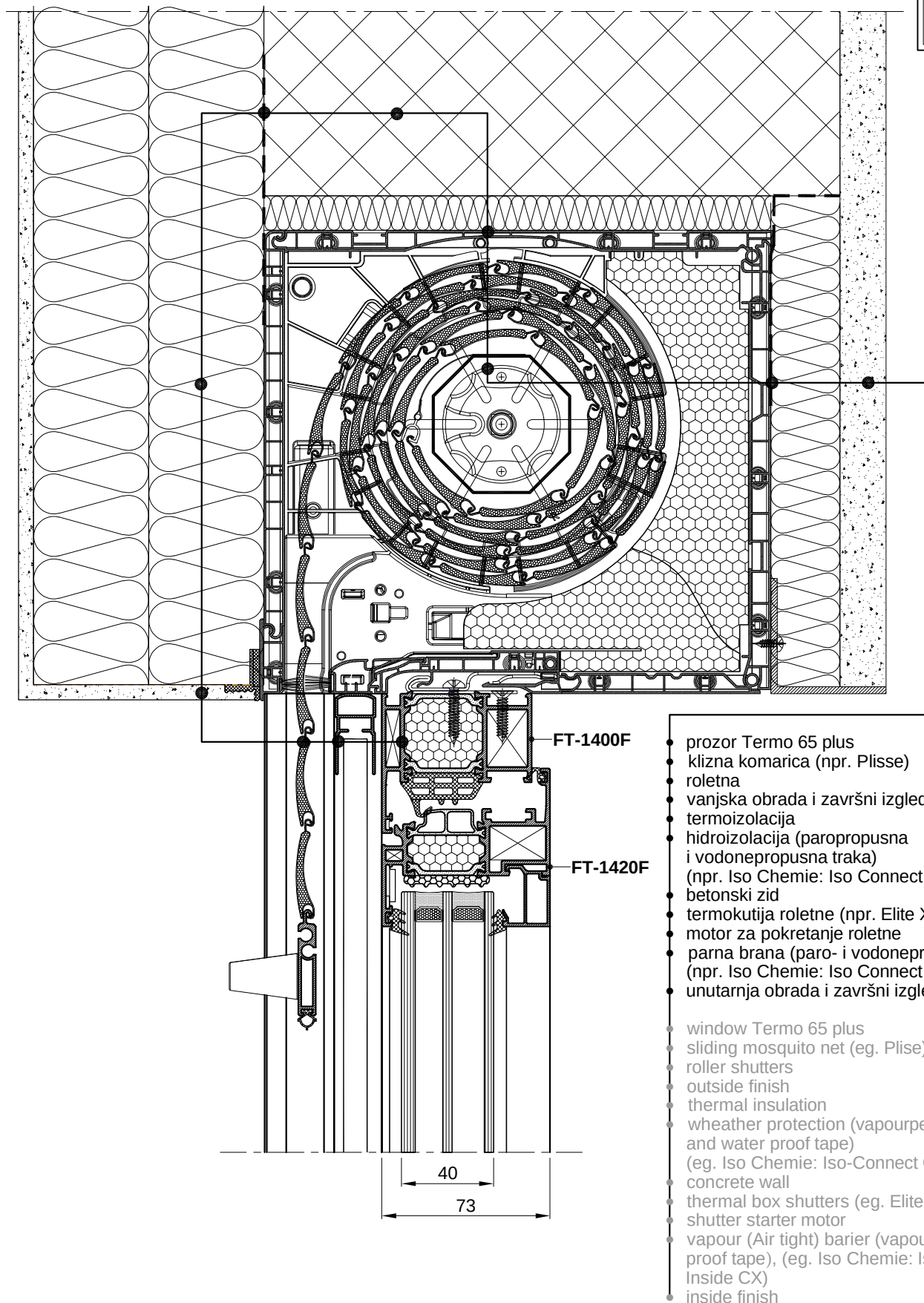
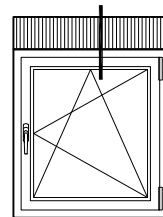
Remark: Door leaf for lock 35mm



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



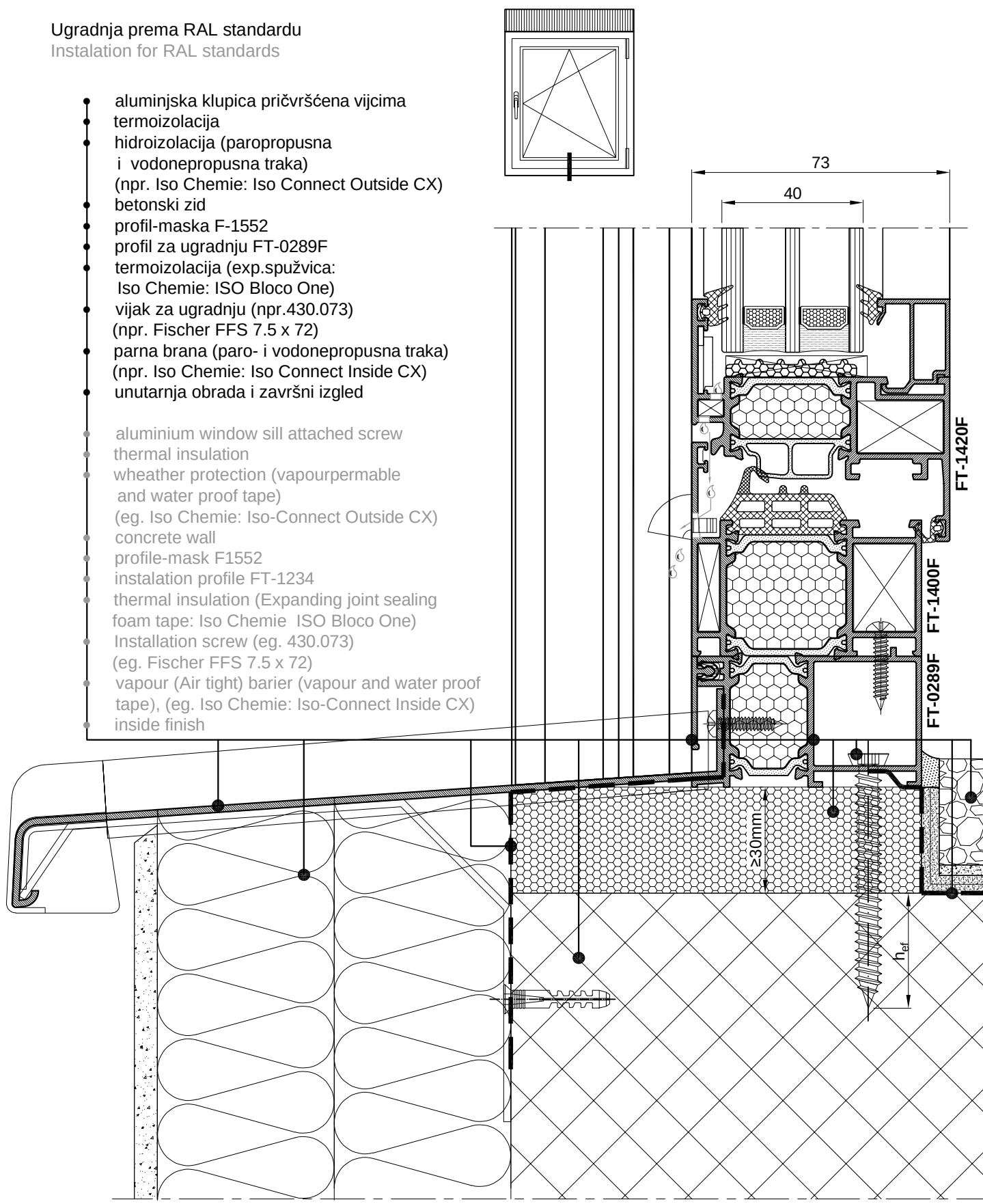
Ugradnja prema RAL standardu  
Installation for RAL standards





### 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)
  - betonski zid
  - profil-mask F-1552
  - profil za ugradnju FT-0289F
  - termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
  - vijak za ugradnju (npr.430.073)  
(npr. Fischer FFS 7.5 x 72)
  - parna brana (paro- i vodonepropusna traka)  
(npr. Iso Chemie: Iso Connect Inside CX)
  - unutarnja obrada i završni izgled
- 
- aluminium window sill attached screw
  - thermal insulation
  - wheather protection (vapourpermable and water proof tape)  
(eg. Iso Chemie: Iso-Connect Outside CX)
  - concrete wall
  - profile-mask F1552
  - instalation profile FT-1234
  - thermal insulation (Expanding joint sealing foam tape: Iso Chemie ISO Bloco One)
  - Installation screw (eg. 430.073)  
(eg. Fischer FFS 7.5 x 72)
  - vapour (Air tight) barrier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
  - inside finish

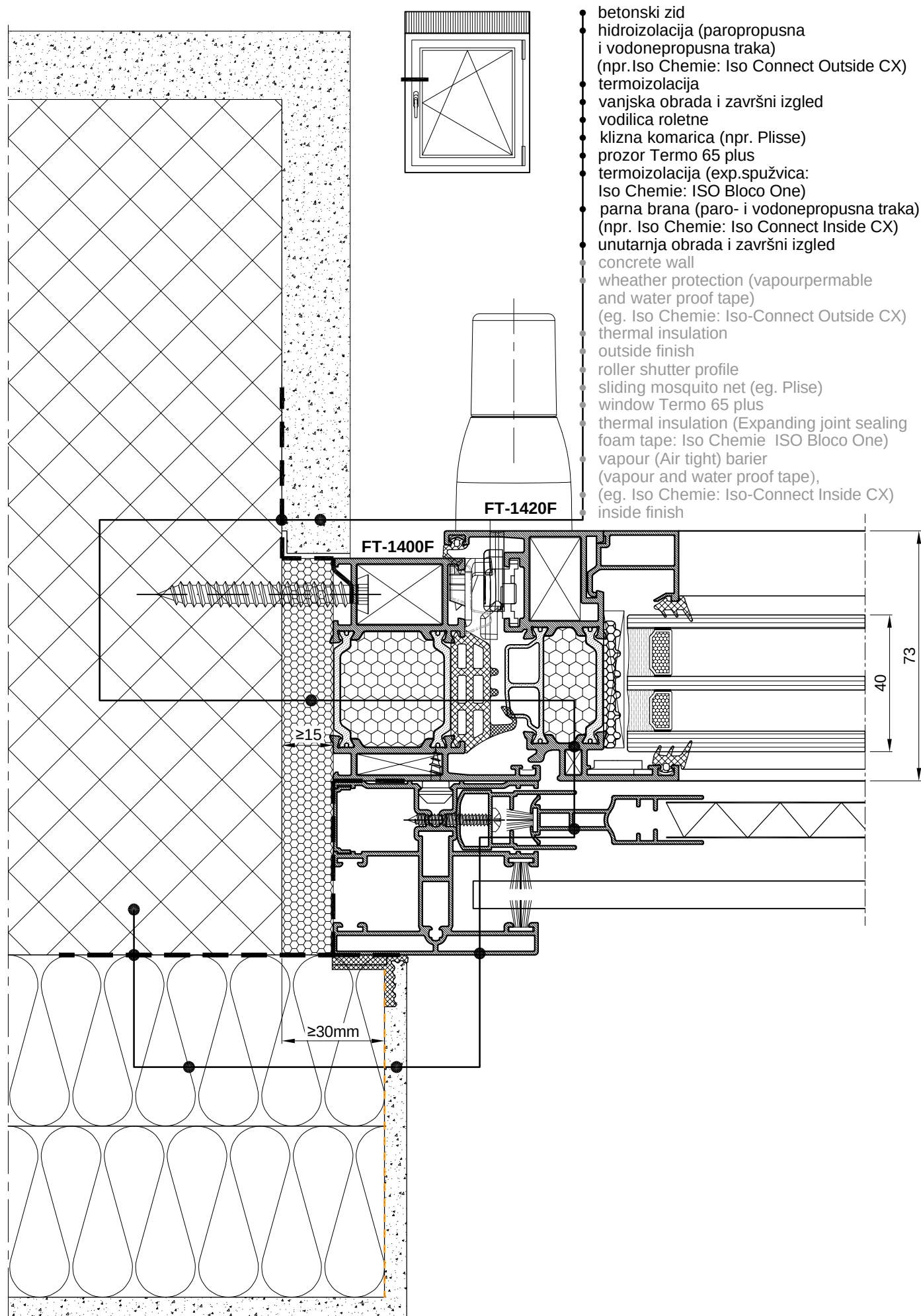


Efektivna dubina ankerisanja  $h_{ef}$ :

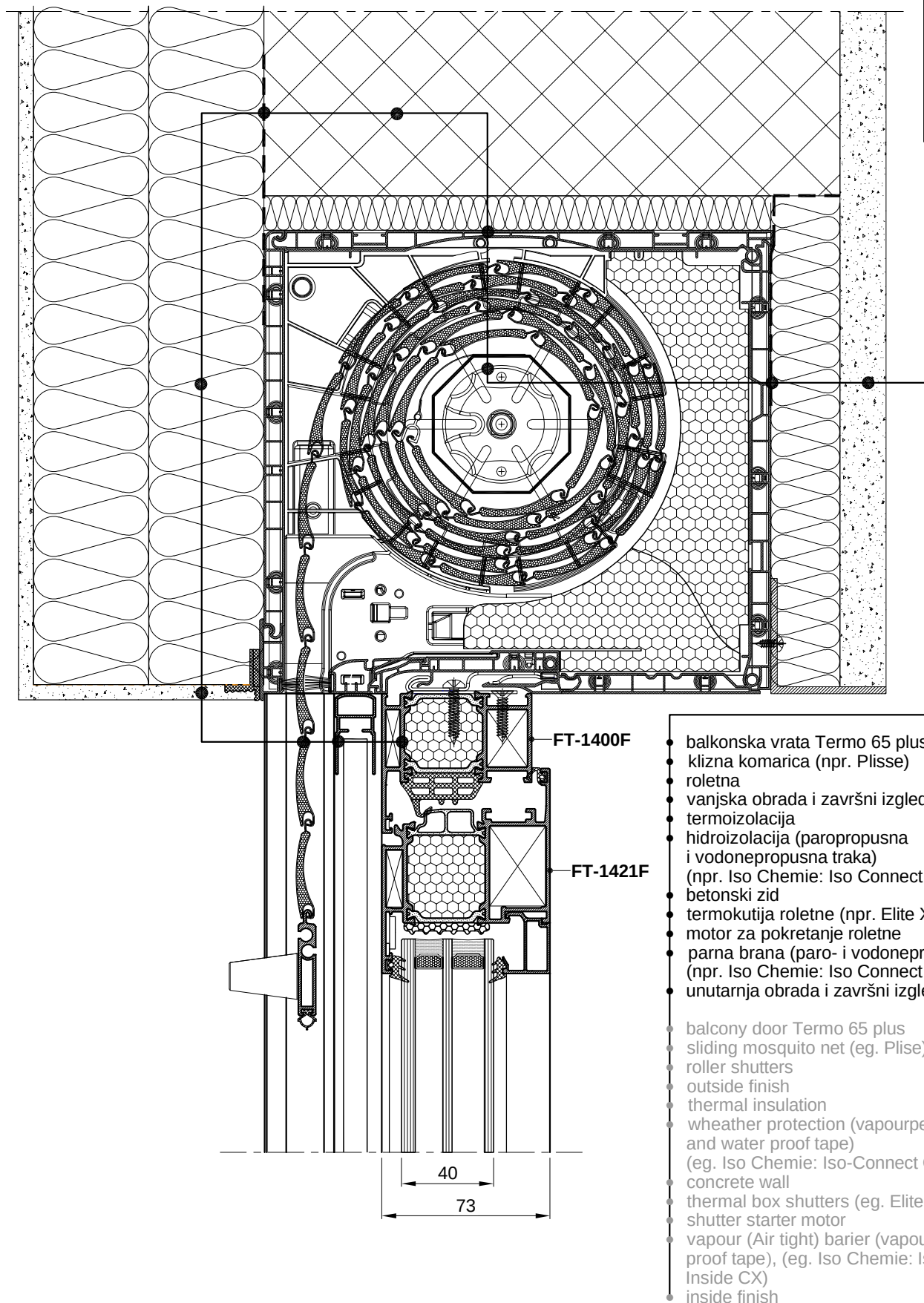
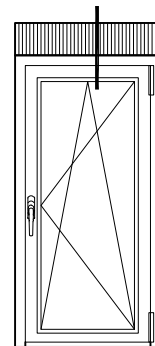
$h_{ef} = 20-40\text{mm}$  u Beton  
 $h_{ef} = 40\text{mm}$  u punoj cigli  
 $h_{ef} \geq 50\text{mm}$  u porobeton  
 $h_{ef} \geq 60\text{mm}$  u perforiranoj cigli

Effective anchorage depth  $h_{ef}$ :

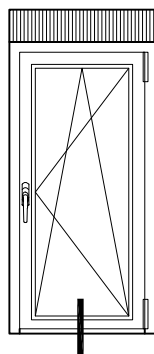
$h_{ef} = 20-40\text{mm}$  in concrete  
 $h_{ef} = 40\text{mm}$  in full brick  
 $h_{ef} \geq 50\text{mm}$  in autoclaved aerated concrete  
 $h_{ef} \geq 60\text{mm}$  in porotherm brick



Ugradnja prema RAL standardu  
Installation for RAL standards



### Ugradnja prema RAL standardu Installation for RAL standards

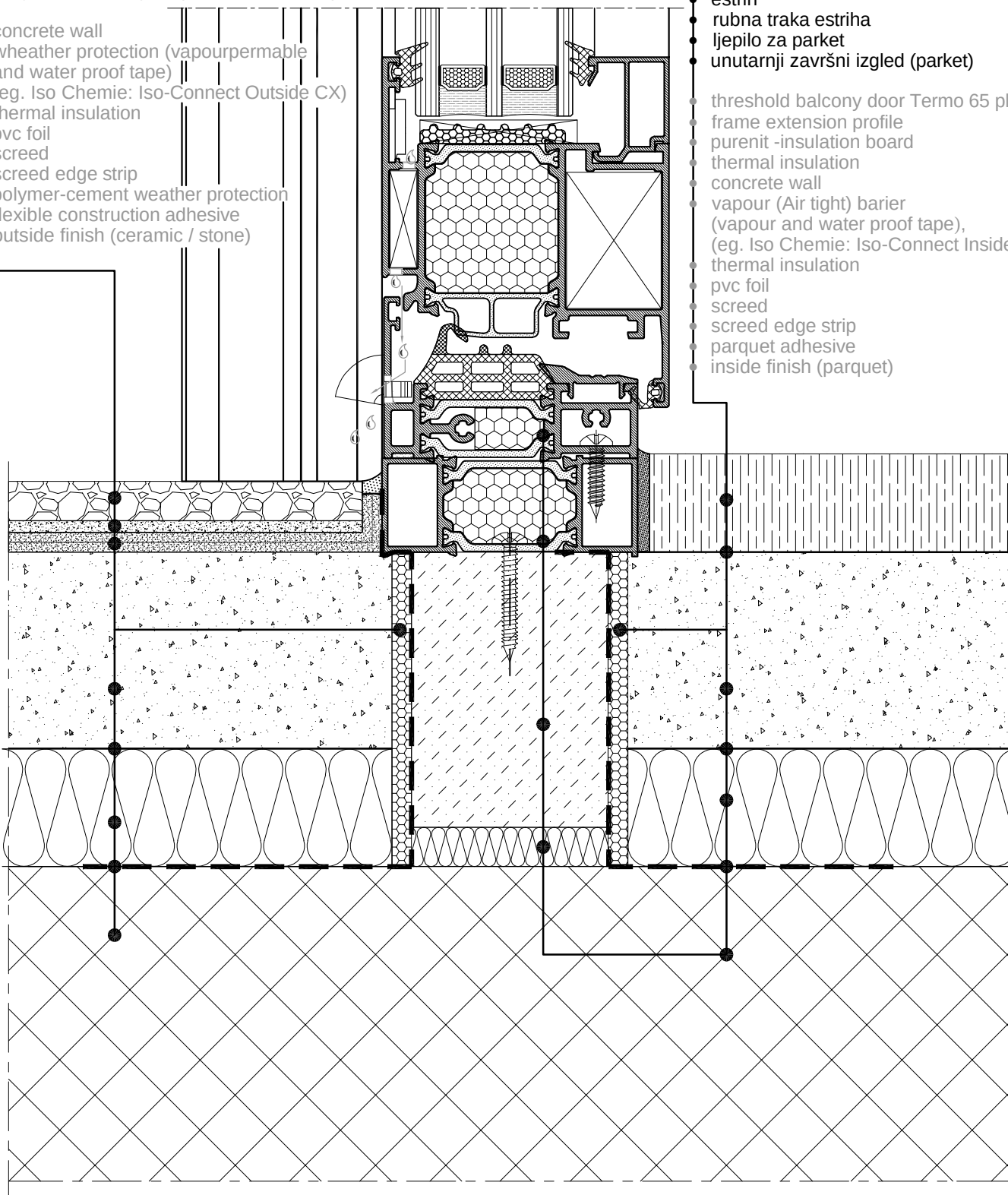


- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- pvc folija
- estrih
- rubna traka estriha
- polimer-cementna hidroizolacija
- fleksibilno građevinsko ljepilo
- vanjski završni izgled (keramika / kamen)

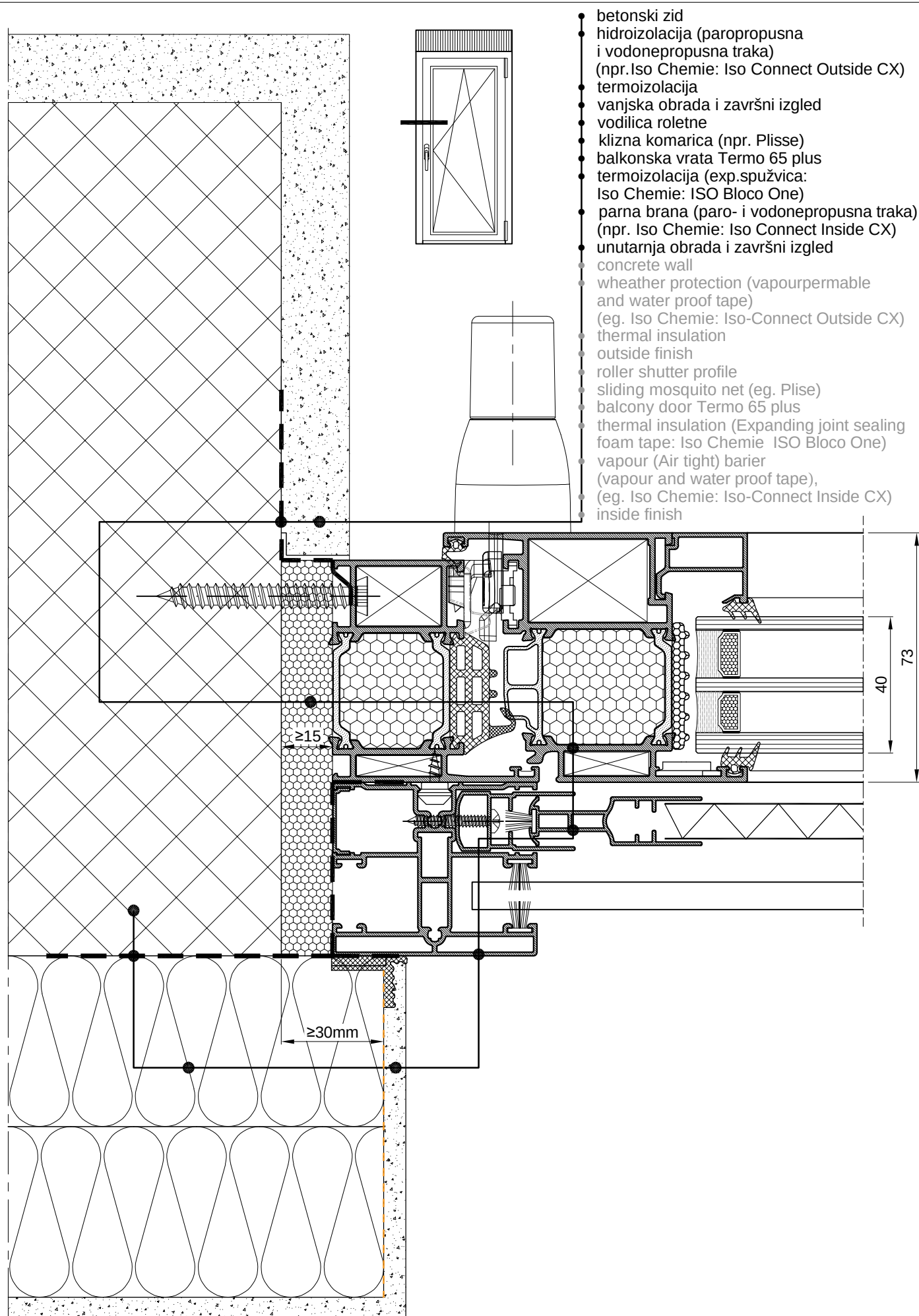
- concrete wall
- weather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- thermal insulation
- pvc foil
- screed
- screed edge strip
- polymer-cement weather protection
- flexible construction adhesive
- outside finish (ceramic / stone)

- prag balkonski vrata Termo 65 plus
- profil za proširenje rama
- purenit - izolacijska ploča
- termoizolacija
- betonski zid
- parna brana
- (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- pvc folija
- termoizolacija
- pvc folija
- estrih
- rubna traka estriha
- ljepilo za parket
- unutarnji završni izgled (parket)

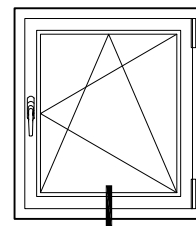
- threshold balcony door Termo 65 plus
- frame extension profile
- purenit -insulation board
- thermal insulation
- concrete wall
- vapour (Air tight) barrier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- thermal insulation
- pvc foil
- screed
- screed edge strip
- parquet adhesive
- inside finish (parquet)





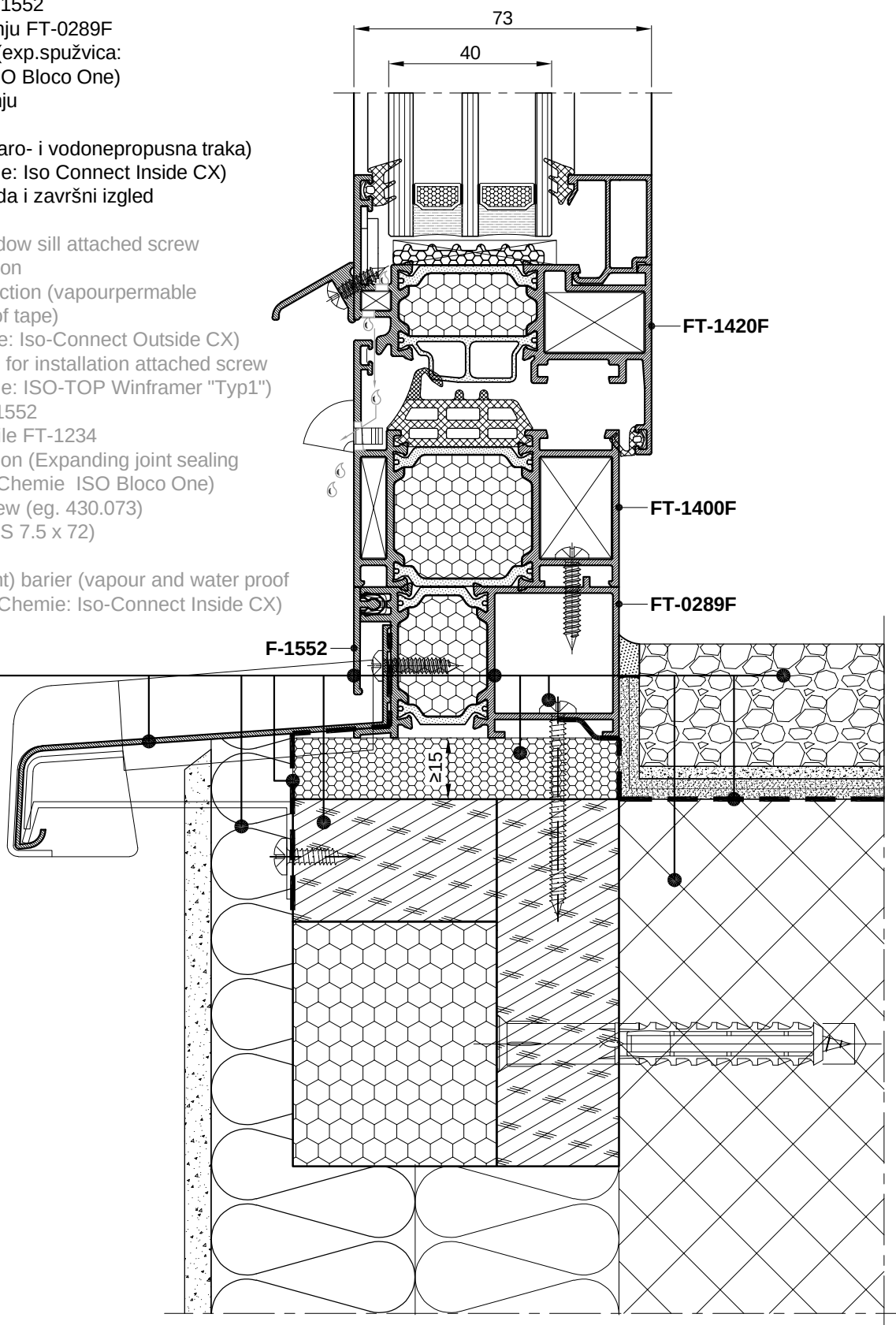


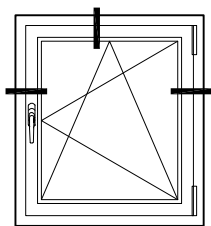
Ugradnja prema RAL standardu  
Installation for RAL standards



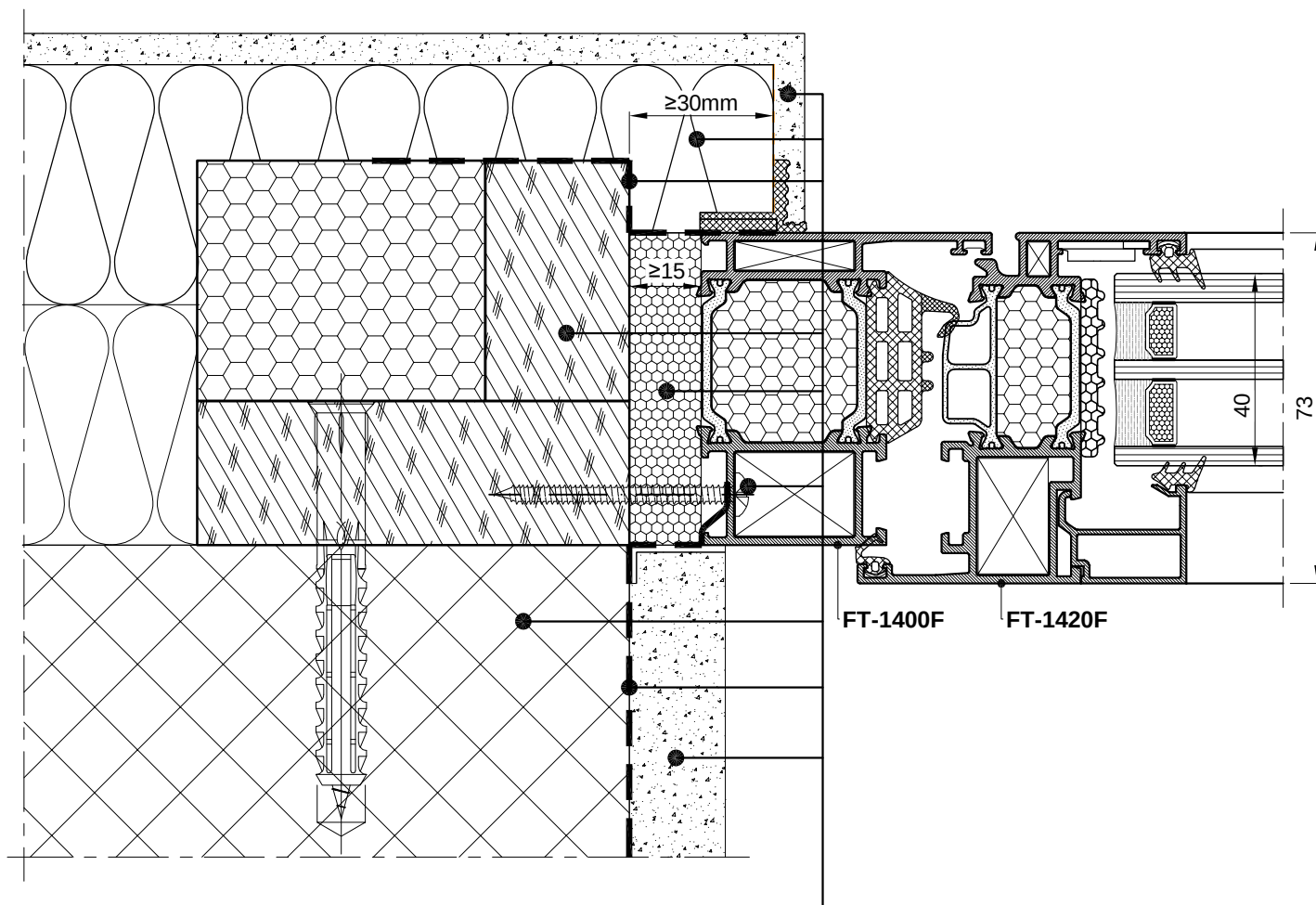
- aluminjska klupica pričvršćena vijcima
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka)
- (npr. Iso Chemie: Iso Connect Outside CX)
- izolacijska ploča za ugradnju pričvršćena vijcima
- (npr. Iso Chemie: ISO-TOP Winframer"Typ1")
- profil-mask F-1552
- profil za ugradnju FT-0289F
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- vijak za ugradnju
- betonski zid
- 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)
- insulation plate for installation attached screw
- (npr. Iso Chemie: ISO-TOP Winframer "Typ1")
- profile-mask F1552
- instalation profile FT-1234
- thermal insulation (Expanding joint sealing foam tape: Iso Chemie ISO Bloco One)
- Installation screw (eg. 430.073)
- (eg. Fischer FFS 7.5 x 72)
- concrete wall
- vapour (Air tight) barrier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside finish





Ugradnja prema RAL standardu  
Installation for RAL standards



- vanjska obrada i završni izgled
- 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)
- vijak za ugradnju
- betonski zid
- parna brana (paro- i vodonepropusna traka)
- (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled

- outside finish
- thermal insulation
- weather protection (vapourpermable and water proof tape)
- (eg. Iso Chemie: Iso Connect Outside CX)
- 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)
- Installation screw
- concrete wall
- vapour (Air tight) barrier (vapour and water proof tape)
- (eg. Iso Chemie: Iso Connect Inside CX)
- inside finish







# FEAL



Skenirajte QR kod i registrirajte  
se na [partner.feal.ba](https://partner.feal.ba)

*Scan the QR code and register  
on [partner.feal.ba](https://partner.feal.ba)*

## TERMO 65 plus

Knjiga A / *Book A*

Prosinac 2022. / *December 2022*

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](mailto:info@feal.ba)  
[www.feal.ba](http://www.feal.ba)