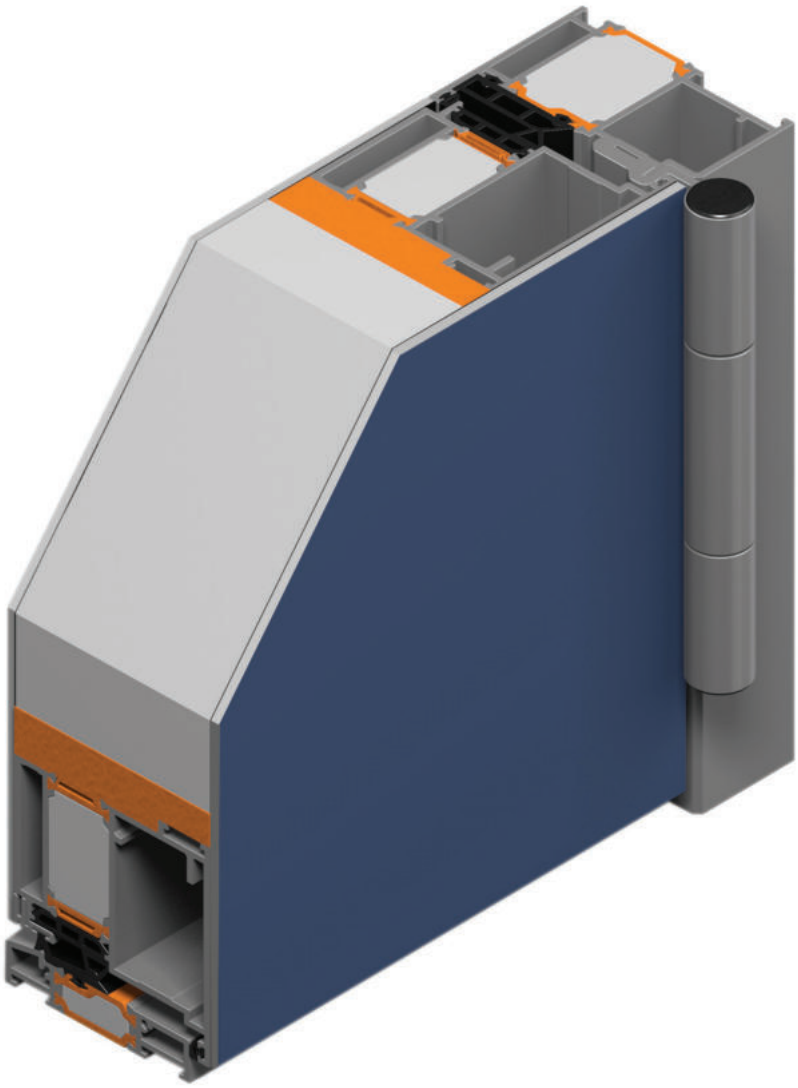
FEAL



TERMO **85 VS** I **VP**

ULAZNA VRATA

ENTRY DOOR

Knjiga A / *Book A*

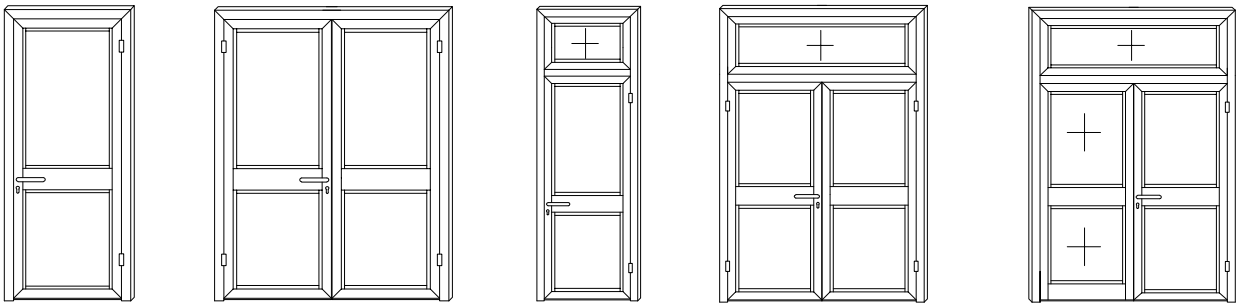
SADRŽAJ - CONTENT

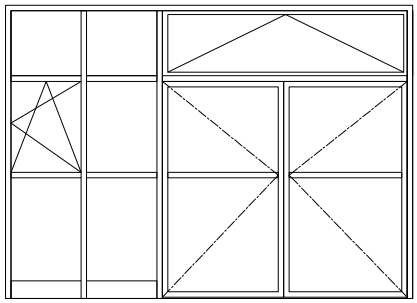
01	ZNAČAJKE SISTEMA	303.01.001-005
01	SYSTEM CHARACTERISTICS	303.01.001-005
02	ISPITIVANJA I CERTIFIKATI	303.02.000-021
02	TESTING AND CERTIFICATES	303.02.000-021
03	PROFILI	303.03.000-027
03	PROFILES	303.03.000-027
04	PRIKAZ STAKLJENJA	303.04.000-005
04	GLAZING	303.04.000-005
05	PRESJECI TERMO 85 VS (otvaranje unutra)	303.05.000-051
05	CROSS SECTIONS TERMO 85 VS (inward opening)	303.05.000-051
05	PRESJECI TERMO 85 VS (otvaranje vani)	303.05.052-105
05	CROSS SECTIONS 85 VS (outward opening)	303.05.052-105
05	PRESJECI TERMO 85 VP (ugradnja panela s kopčom)	303.05.106-151
05	CROSS SECTIONS 85 VP (installation of a panel with a buckle)	303.05.106-151
05	PRESJECI TERMO 85 VP (ugradnja panela bez kopči)	303.05.152-181
05	CROSS SECTIONS 85 VP (installation without buckles)	303.05.152-181
05	PRESJECI TERMO 85 VP (obostrano lim)	303.05.200-235
05	CROSS SECTIONS 85 VP (both side sash)	303.05.200-235
05	PRESJECI TERMO 85 VP (stakleni panel)	303.05.250-259
05	CROSS SECTIONS 85 VP (glass infill)	303.05.250-259
05	PRESJECI TERMO 85 VP i VP (ugradnja vrata)	303.05.270-271
05	CROSS SECTIONS 85 VP i VP (door montage)	303.05.270-271

TIPOLOGIJA IZRADE
TYPOLOGY OF PRODUCTION

Termo 85 VS (otvaranje unutra i vani)
Termo 85 VS (inward and outward opening)

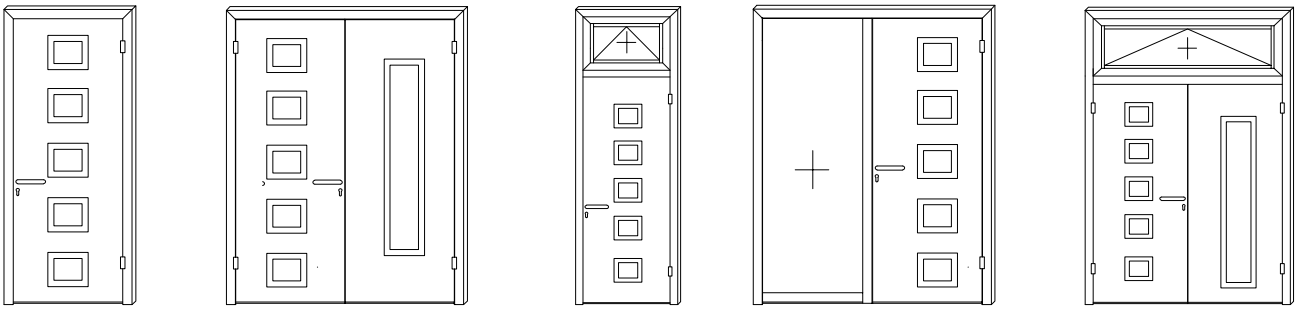
-ispuna staklo
-izvedba s pragom ili parapetnom prečkom u pragu
-infill: glass
-production with threshold or transom-bottom frame profile

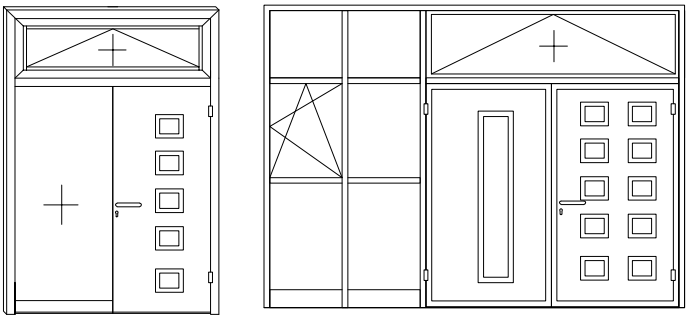




Termo 85 VP (otvaranje unutra)
Termo 85 VP (inward opening)

-ispuna panel; staklo
-mogućnost izvedbe s obostrano ravnim limom
-infill:panel; glass
-the possibility of making both side hidden sash





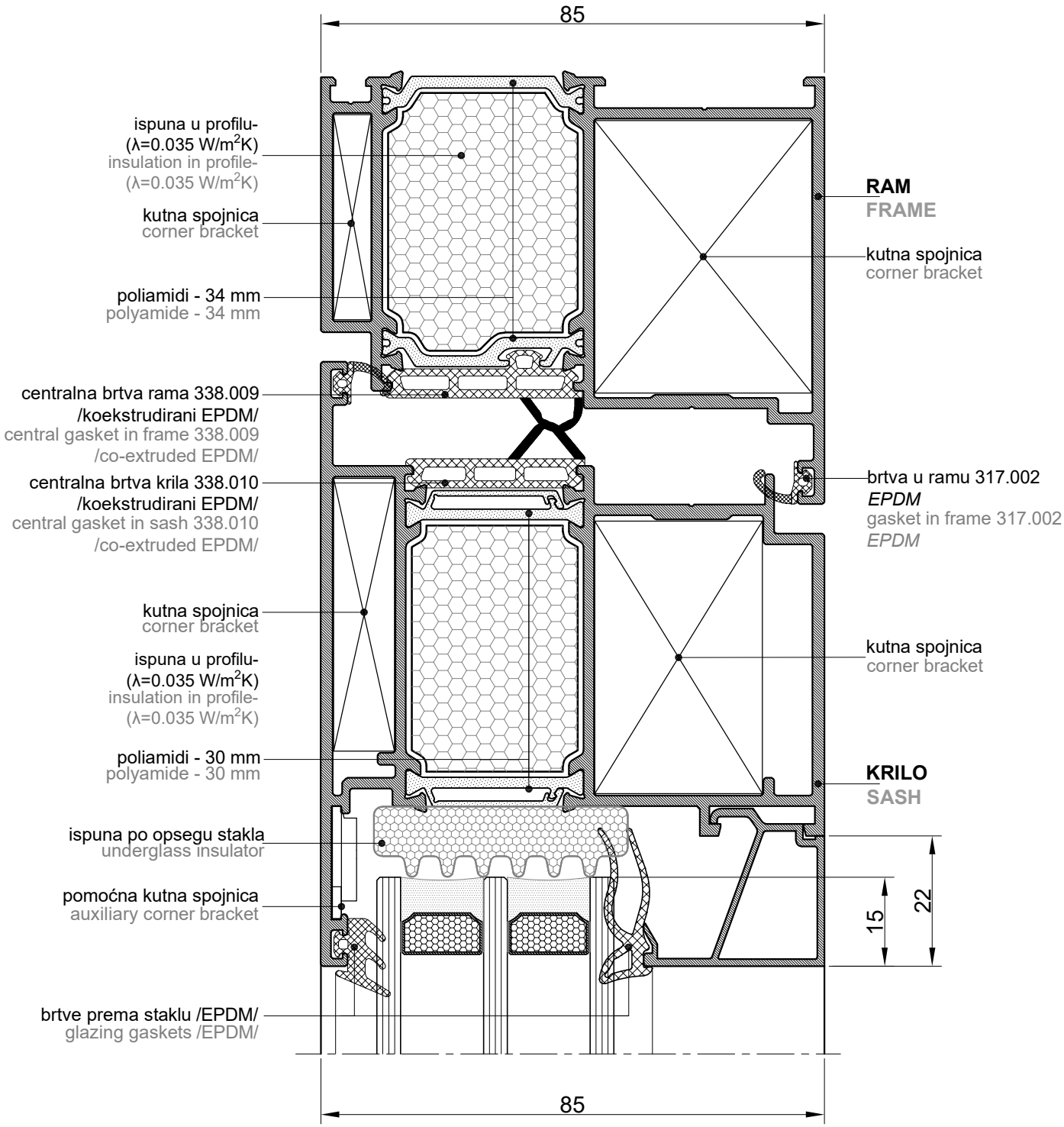
Značajke sistema
System characteristics

Profili iz sistema **Termo 85 VS i VP** su dodatno ispunjeni termoizolacijskim materijalom

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

Profiles from system **Termo 85 VS and VP** are additionly filled with thermo insulating material

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

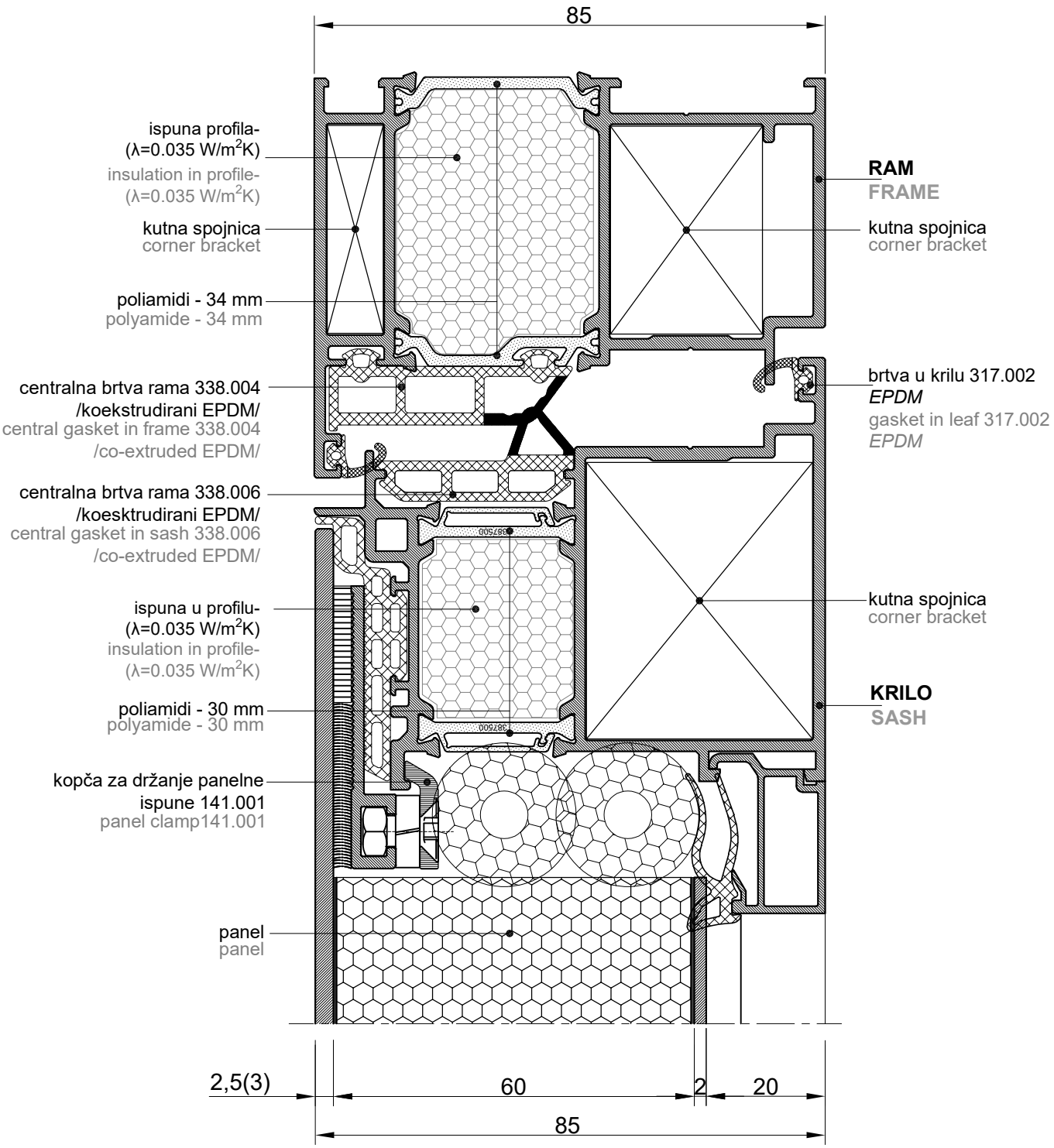


Profili iz sistema **Termo 85 VS i VP** su dodatno ispunjeni termoizolacijskim materijalom

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

Profiles from system **Termo 85 VS and VP** are additionly filled with thermo insulating material

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



OPIS SISTEMA TERMO 85 VS i VP
DESCRIPTION OF SYSTEM TERMO 85 VS AND VP

Sistem se koristi za izradu ulaznih vrata i sastoji se od grupa:

The system is used for entry door and consists of groups:

- **Termo 85 VS** otvaranje vani (ulazna vrata sa staklenom ispunom)
- **Termo 85 VS** outward opening (entry door with glass infill)

- **Termo 85 VS** otvaranje unutra (ulazna vrata sa staklenom ispunom)
- **Termo 85 VS** inward opening (entry door with glass infill)

- **Termo 85 VP** otvaranje unutra (ulazna vrata s panelnom ispunom)
- **Termo 85 VP** inward opening (entry door with panel infill)

Profili su izvedeni s prekinutim toplinskim mostom:

Profiles are made with thermal break:

-osnovne ugradbene dubine rama: - 85 mm.....Termo 85 VS otvaranje vani i unutra; Termo 85 VP
- 88.5 mm...Termo 85 VP obostrano ravni lim

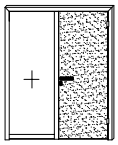
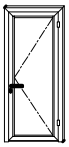
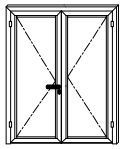
-the basic frame construction depth: - 85 mm.....Termo 85 VS inward and outward opening; Termo 85 VP
- 88.5 mm...Termo 85 VP both side hidden sash

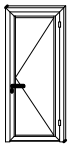
Prekid toplinskog mosta postiže se poliamidnim trakama (34 mm za ram i 30 i 26 mm za krilo).
Radi poboljšanja toplinskih karakteristika (smanjenja toplinske provodljivosti) u komore profila se ugrađuju trake od ekstrudiranog polistirena (XPS-a).
U kombinaciji s troslojnim staklom i odgovarajućim distancerom stakla sistem može postići ukupni koeficijent prolaska topline Ud≥0.94 [W/m^{2}K] za panelna vrata.
Brtvljenje između krila i rama izvedeno je EPDM brtvama.
Staklo je u krilu učvršćeno unutarnjim letvicama te zabrtvljeno EPDM brtvama s obje strane.

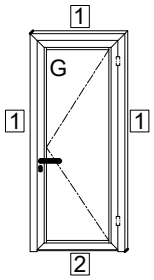
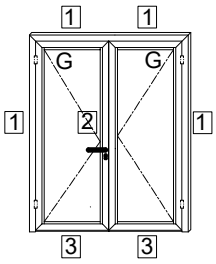
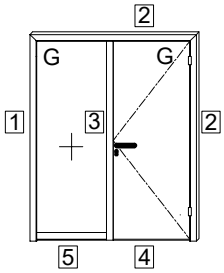
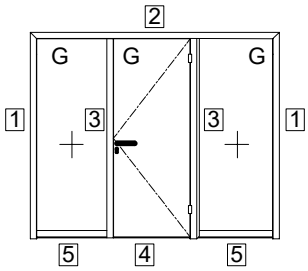
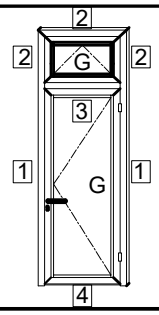
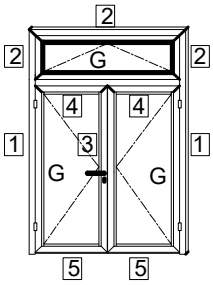
Thermal break is achieved with polyamide tapes (34 mm for frame i 30 i 26 mm for sash).
In order to improve the thermal characteristics (decrease in thermal conductivity) in the chamber of profiles, are inserted strips of extruded polystyrene (XPS).
Combined with a triple pane glass and an appropriate glass spacer, the system can achieve a total heat transfer coefficient Ud≥0.94 [W/m^{2}K] for panel door.
Sash and frame sealing is done by using EPDM gaskets.
Glass inside the leaf is secured by using glazing beads and seals by using EPDM gaskets on both sides.

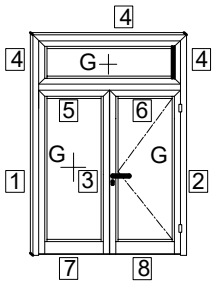
Karakteristike sistema:	
-materijal	EN AW-6060
-masa krila	do 160 kg
-debljina stakla	do 71 mm
-materijal za brtvljenje (EPDM)	DIN 7863
-proračun Ud koeficijenta	DIN EN ISO 10077-2
-površinska obrada	DIN 17611
-kontrola kvalitete	DIN EN ISO 2041
Characteristics of system:	
-material	EN AW-6060
-sash mass	up to 160 kg
-glazing	up to 71 mm
-sealing material (EPDM)	DIN 7863
-Ud coefficient calculation	DIN EN ISO 10077-2
-surface processing	DIN 17611
-quality control	DIN EN ISO 2041

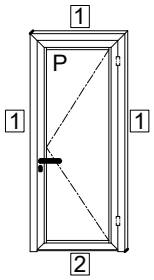
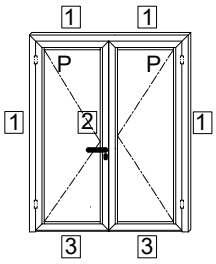
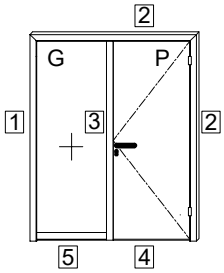
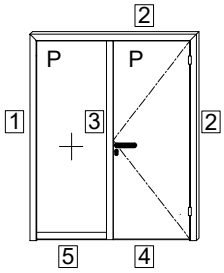
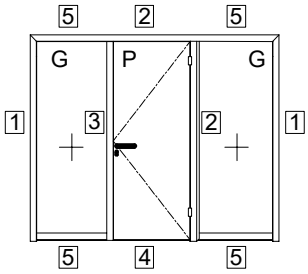
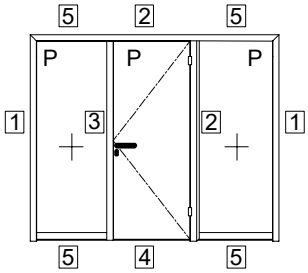
Ispitivanja i certifikati
Testing and certificates

ISPITIVANJA I CERTIFIKATI/TESTING AND CERTIFICATES				
Vrsta ispitivanja Type of test	 Termo 85 VP -jednokrilna vrata- -single leaf door-	 Termo 85 VP -jednokrilna vrata s bočnim fiksnim- -single leaf door with side light-	 Termo 85 VS -jednokrilna vrata otv.vani- -single leaf door outward opening-	 Termo 85 VS -dvokrilna vrata otv.vani- -double leaf door outward opening-
Zrakopropusnost EN12207 Air permeability EN 12207	**razred 4** **class 4**	**razred 4** **class 4**	**razred 4** **class 4**	**razred 4** **class 4**
Vodonepropusnost EN 12208 Watertightness EN 12208	**5A**	**5A**	**8A**	**E750**
Otpornost na opterećenje vjetrom EN 12210 Wind resistance EN 12210	**C4/B4**	**C4**	**C4/B4**	**C4/B4**
Buka Rw EN ISO 717-1 Airbourne sound insulation EN ISO 717-1	**44 dB**		**46 dB**	
Protuprovalnost EN 1627 Protection against burglary EN 1627	**RC3 (RC2)**		**RC2**	
Ponašanje između dvije različite klime EN 1121 Behaviour between two different climates EN 1121	-Operating forces EN 12214.....1 -Operating forces EN 12214.....1 -Klima C (EN12219)...B3/C3 -Klima C (EN12219)...B3/C3 -Klima D (EN12219)...B3/C3 -Klima D (EN12219)...B3/C3 -Klima E (EN12219)...B3/C3 -KlimaE (EN12219)...B3/C3			
Otpornost na uzastopno otvaranje i zatvaranje EN 12400 Resistance to repeated opening and closing EN 12400			Klasa 8 (1000000 ciklusa) Class 8 (1000000 cycles)	
Mehanička čvrstoća EN 1192 Mechanical strength EN 1192			3	
Operativne sile EN 12217 Operating forces EN 12217			2	

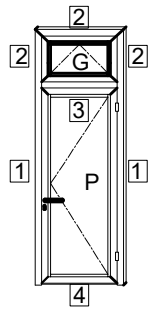
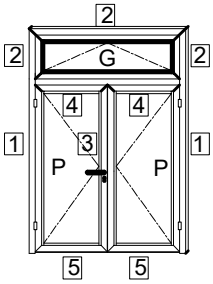
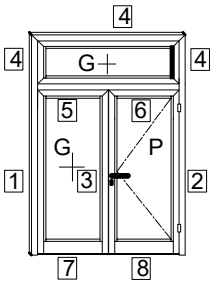
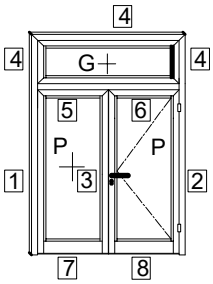
ISPITIVANJA I CERTIFIKATI/TESTING AND CERTIFICATES				
Vrsta ispitivanja Type of test	 Termo 85 VS -jednokrilna vrata otv. unutra- -single leaf door inward opening-			
Zrakopropusnost EN12207 Air permeability EN 12207	**razred 4** **class 4**			
Vodonepropusnost EN 12208 Watertightness EN 12208	**8A**			
Otpornost na opterećenje vjetrom EN 12210 Wind resistance EN 12210	**C4/B4**			
Buka Rw EN ISO 717-1 Airbourne sound insulation EN ISO 717-1				
Protuprovalnost EN 1627 Protection against burglary EN 1627				
Ponašanje između dvije različite klime EN 1121 Behaviour between two different climates EN 1121				
Otpornost na uzastopno otvaranje i zatvaranje EN 12400 Resistance to repeated opening and closing EN 12400				

		Uf1 W/m2K	Uf2 W/m2K	Uf3 W/m2K	Uf4 W/m2K	Uf5 W/m2K	Uf6 W/m2K	Uf7 W/m2K	Uf8 W/m2K	Uf9 W/m2K	Ug W/m2K	Ud W/m2K
	Termo 85 VS -otv. unutra- Termo 85 VS -inward opening-	1,6	1,9								0,7	≥1,1
											1,1	≥1,4
	Termo 85 VS -otv. vani- Termo 85 VS -outward opening-	1,6	2,1								0,7	≥1,2
											1,1	≥1,4
	Termo 85 VS -otv. unutra- Termo 85 VS -inward opening-	1,6	1,7	1,9							0,7	≥1,1
											1,1	≥1,4
	Termo 85 VS -otv. vani- Termo 85 VS -outward opening-	1,6	1,6	2,1							0,7	≥1,1
											1,1	≥1,4
	Termo 85 VS -otv. unutra- Termo 85 VS -inward opening-	1,2	1,7	1,6	1,9	1,1					0,7	≥1,0
											1,1	≥1,3
	Termo 85 VS -otv. vani- Termo 85 VS -outward opening-	1,2	1,8	1,7	2,1	1,1					0,7	≥1,1
											1,1	≥1,4
	Termo 85 VS -otv. unutra- Termo 85 VS -inward opening-	1,2	1,7	1,6	1,9	1,1					0,7	≥0,982
											1,1	≥1,3
	Termo 85 VS -otv. vani- Termo 85 VS -outward opening-	1,2	1,8	1,7	2,1	1,1					0,7	≥1,0
											1,1	≥1,3
	Termo 85 VS -otv. unutra- Termo 85 VS -inward opening-	1,8	1,8	1,8	1,9						0,7	≥1,3
											1,1	≥1,5
	Termo 85 VS -otv. vani- Termo 85 VS -outward opening-	1,9	1,8	1,8	2,1						0,7	≥1,3
											1,1	≥1,6
	Termo 85 VS -otv. unutra- Termo 85 VS -inward opening-	1,8	1,8	1,7	1,8	1,9					0,7	≥1,2
											1,1	≥1,5
	Termo 85 VS -otv. vani- Termo 85 VS -outward opening-	1,9	1,8	1,6	1,8	2,1					0,7	≥1,2
											1,1	≥1,5

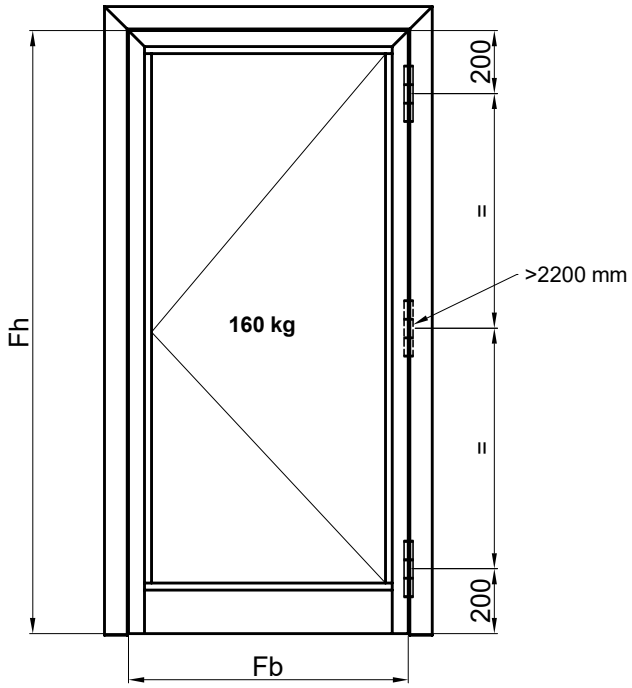
		Uf1 W/m2K	Uf2 W/m2K	Uf3 W/m2K	Uf4 W/m2K	Uf5 W/m2K	Uf6 W/m2K	Uf7 W/m2K	Uf8 W/m2K	Uf9 W/m2K	Ug W/m2K	Ud W/m2K
	Termo 85 VS -otv. unutra- Termo 85 VS -inward opening-	1,2	1,7	1,6	1,2	1,1	1,6	1,1	1,9		0,7	≥1,0
											1,1	≥1,3
	Termo 85 VS -otv. vani- Termo 85 VS -outward opening-	1,6	1,9	1,7	1,6	1,1	1,7	1,1	2,1		0,7	≥1,1
											1,1	≥1,4

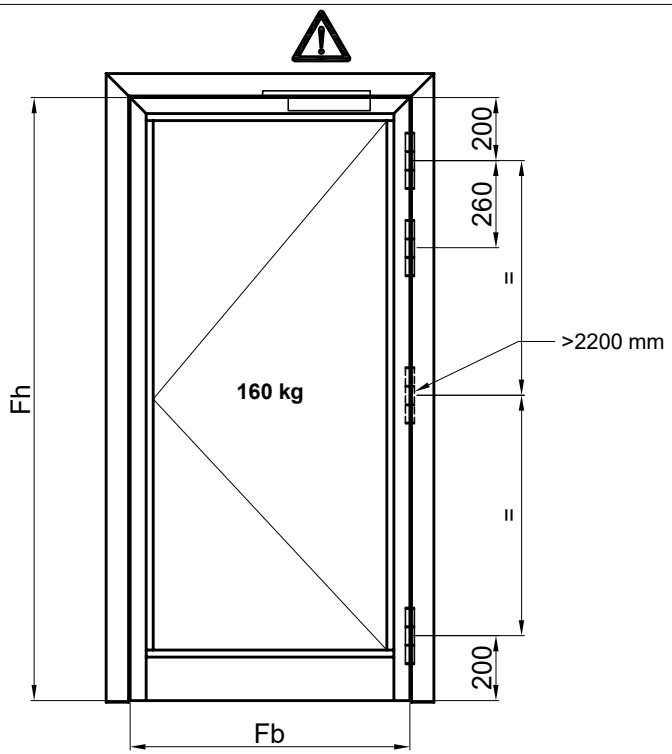
		Uf1 W/m2K	Uf2 W/m2K	Uf3 W/m2K	Uf4 W/m2K	Uf5 W/m2K	Uf6 W/m2K	Uf7 W/m2K	Uf8 W/m2K	Uf9 W/m2K	Up W/m2K	Ud W/m2K
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,8	2,3								0,4	≥0,845
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,8	2,0	2,3							0,4	≥0,811
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,5	2,0	1,8	2,3	1,2					Up=0,4 Ug=0,7	≥0.91
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,3	2,0	1,6	2,3	1,0					0,4	≥0,73
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,5	2,0	1,8	2,3	1,2					Up=0,4 Ug=0,7	≥0.91
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,3	2,0	1,6	2,3	1,0					0,4	≥0,627

G - Staklo G - Glass
P - Panel P - Panel

		Uf1 W/m2K	Uf2 W/m2K	Uf3 W/m2K	Uf4 W/m2K	Uf5 W/m2K	Uf6 W/m2K	Uf7 W/m2K	Uf8 W/m2K	Uf9 W/m2K	Up W/m2K	Ud W/m2K
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	2,0	1,5	1,8	2,3						Up=0,4 Ug=0,7	≥0,96
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	2,0	1,5	2,0	1,8	2,3					Up=0,4 Ug=0,7	≥0,9
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,5	2,0	1,8	1,5	1,2	1,8	1,2	2,3		Up=0,4 Ug=0,7	≥1,0
	Termo 85 VP -otv.unutra- Termo 85 VP -inward opening-	1,3	2,0	1,6	1,5	1,1	1,8	1,0	2,3		Up=0,4 Ug=0,7	≥0,795

G - Staklo G - Glass
P - Panel P - Panel

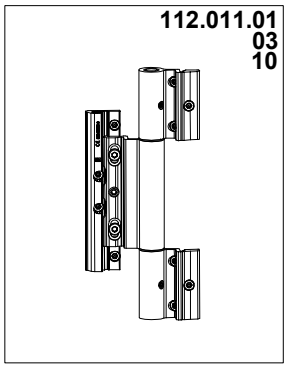




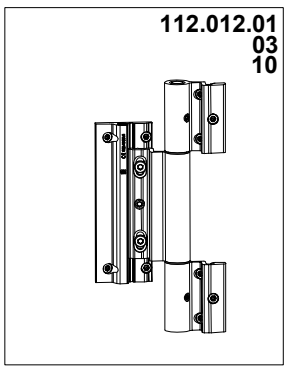
Maksimalne dopuštene težine krila Maximum permissible leaf weights

Visina krila Leaf height	Širina krila Leaf width 800	900	1000	1100	1200	1300	1400	1500
3000	160	160	160	160	160	160	160	160
2950	160	160	160	160	160	160	160	160
2900	160	160	160	160	160	160	160	160
2850	160	160	160	160	160	160	160	155
2800	160	160	160	160	160	160	160	155
2750	160	160	160	160	160	160	160	150
2700	160	160	160	160	160	160	155	145
2650	160	160	160	160	160	160	155	145
2600	160	160	160	160	160	160	150	140
2550	160	160	160	160	160	160	145	135
2500	160	160	160	160	160	155	145	135
2450	160	160	160	160	160	150	140	130
2400	160	160	160	160	160	145	135	125
2350	160	160	160	160	155	140	130	125
2300	160	160	160	160	150	140	130	120
2250	160	160	160	160	145	135	125	115
2200	160	160	160	155	140	130	120	115
2150	160	160	160	150	140	125	120	110
2100	160	160	160	145	135	125	115	105
2050	160	160	155	140	130	120	110	105
2000								

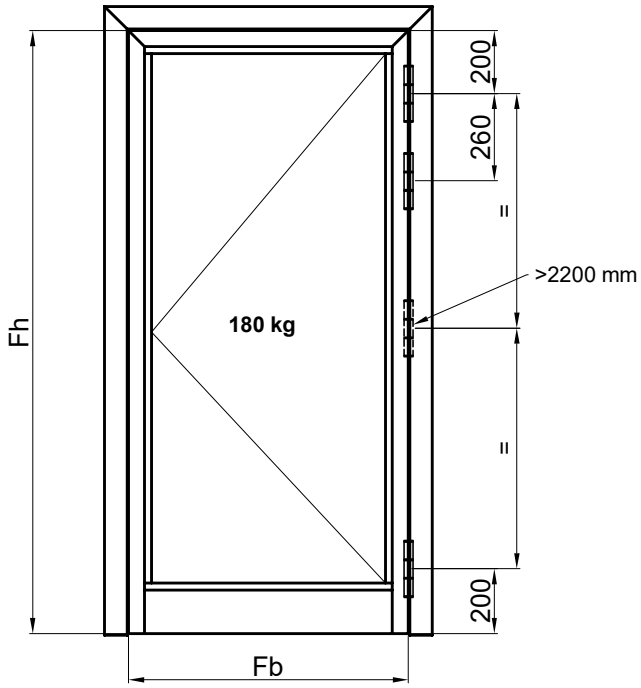
Otvaranje unutra Inward opening

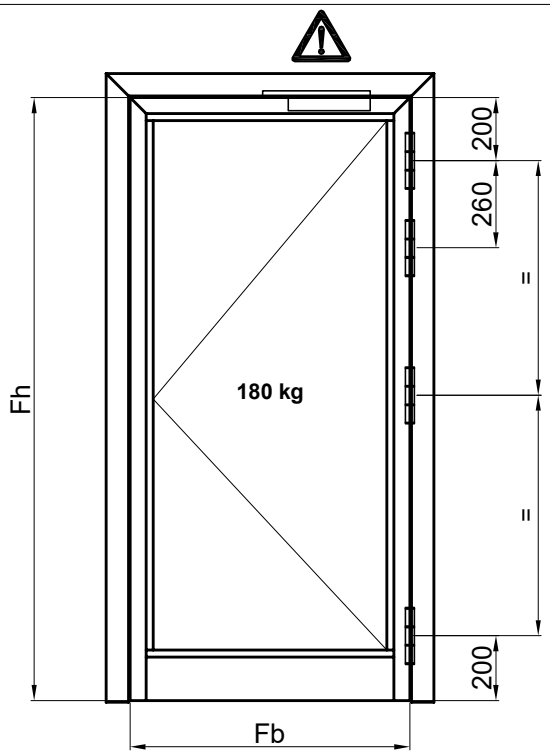


Otvaranje vani Outward opening



Napomena:
Ne podmazivati, čahure su napravljene od PVC-a koji ne zahtijeva održavanje!
Remark:
Bearing bushes made of maintenance-free PVC - do not lubricate!



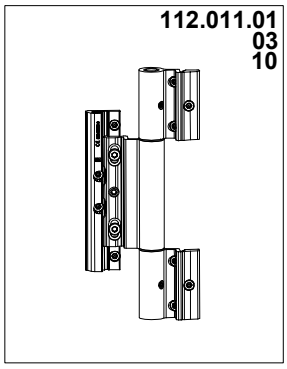


Maksimalne dopuštene težine krila Maximum permissible leaf weights

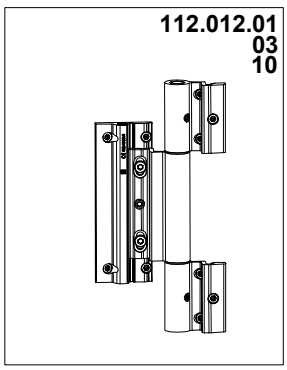
	800	900	1000	1100	1200	1300	1400	1500
3000	180	180	180	180	180	180	180	180
2950	180	180	180	180	180	180	180	180
2900	180	180	180	180	180	180	180	180
2850	180	180	180	180	180	180	180	175
2800	180	180	180	180	180	180	180	170
2750	180	180	180	180	180	180	180	170
2700	180	180	180	180	180	180	175	165
2650	180	180	180	180	180	180	175	160
2600	180	180	180	180	180	180	170	155
2550	180	180	180	180	180	180	165	155
2500	180	180	180	180	180	175	160	150
2450	180	180	180	180	180	170	155	145
2400	180	180	180	180	180	165	155	140
2350	180	180	180	180	175	160	150	140
2300	180	180	180	180	170	155	145	135
2250	180	180	180	180	165	150	140	130
2200	180	180	180	175	160	145	135	125
2150	180	180	180	170	155	145	135	125
2100	180	180	180	165	150	140	130	120
2050	180	180	175	160	145	135	125	115
2000								

Širina krila Leaf width

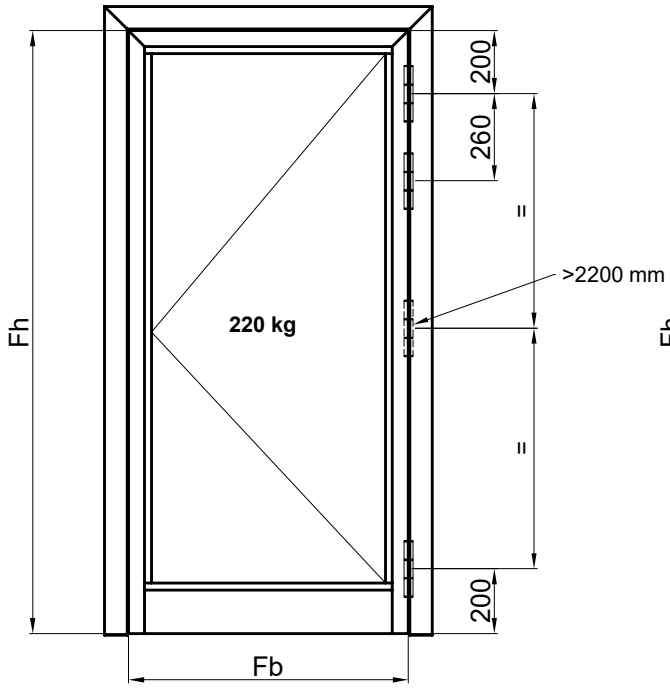
Otvaranje unutra Inward opening

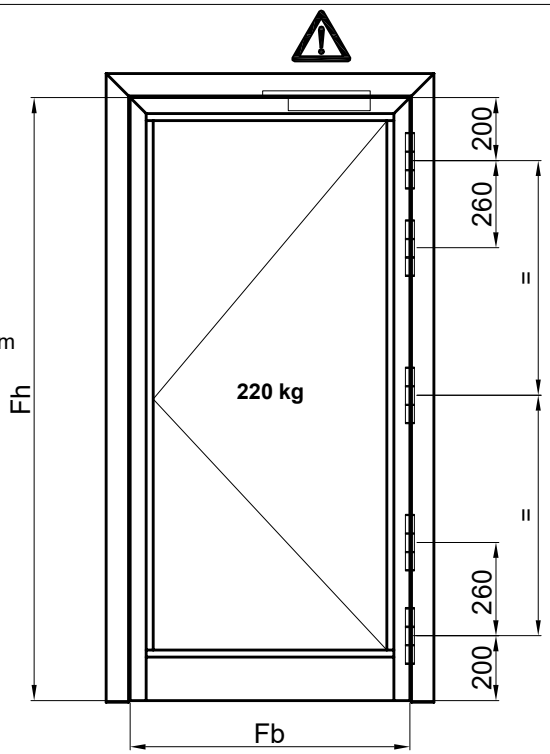


Otvaranje vani Outward opening



Napomena:
Ne podmazivati, čahure su napravljene od PVC-a koji ne zahtijeva održavanje!
Remark:
Bearing bushes made of maintenance-free PVC - do not lubricate!



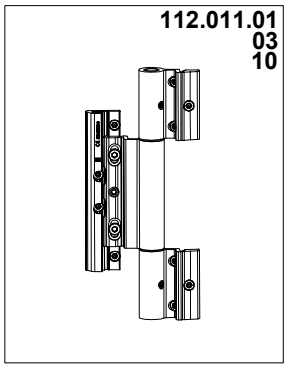


Maksimalne dopuštene težine krila Maximum permissible leaf weights

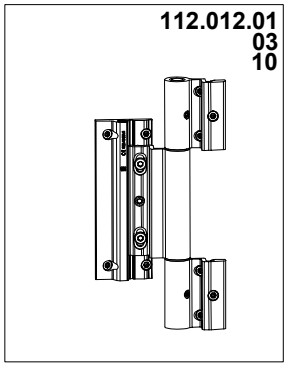
Fh \ Fb	800	900	1000	1100	1200	1300	1400	1500
3000	220	220	220	220	220	220	220	220
2950	220	220	220	220	220	220	220	220
2900	220	220	220	220	220	220	220	220
2850	220	220	220	220	220	220	220	220
2800	220	220	220	220	220	220	220	220
2750	220	220	220	220	220	220	220	220
2700	220	220	220	220	220	220	220	220
2650	220	220	220	220	220	220	220	220
2600	220	220	220	220	220	220	220	220
2550	220	220	220	220	220	220	220	220
2500	220	220	220	220	220	220	220	215
2450	220	220	220	220	220	220	220	210
2400	220	220	220	220	220	220	215	205
2350	220	220	220	220	220	215	210	200
2300	220	220	220	220	220	210	205	195
2250	220	220	220	220	215	205	200	190
2200	220	220	220	220	210	200	195	185
2150	220	220	220	215	205	195	190	180
2100	220	220	220	210	200	190	185	175
2050	220	220	215	205	195	185	180	170
2000	220	220	210	200	190	180	175	165

Širina krila Leaf width

Otvaranje unutra Inward opening

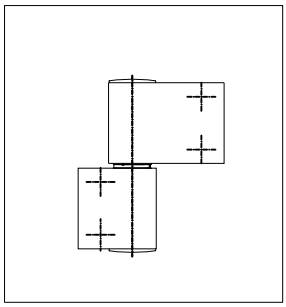


Otvaranje vani Outward opening



Napomena:
Ne podmazivati, čahure su napravljene od PVC-a koji ne zahtijeva održavanje!
Remark:
Bearing bushes made of maintenance-free PVC - do not lubricate!

Türband 4 AT dvodijelne šarke (M901_XXXX-M949_XXXX)
Türband 4 AT two-piece hinges (M901_XXXX-M949_XXXX)



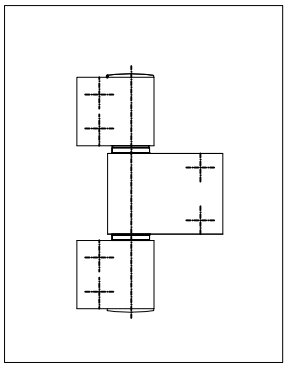
Visina krila / Leaf height	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450
3000	180	180	180	180	180	180	180	180	180	
2900	180	180	180	180	180	180	180	180	180	
2800	180	180	180	180	180	180	180	180	180	
2700	180	180	180	180	180	180	180	180	175	
2600	180	180	180	180	180	180	180	170	165	
2500	180	180	180	180	180	175	170	165	155	
2400	180	180	180	180	175	170	160	155	150	
2300	180	180	180	175	165	160	155	145	140	
2200	180	175	170	165	155	150	145	140	135	
2100	180	165	160	155	150	140	135	130	125	
2000										

Širina krila
Leaf width

Napomene proizvođača šarki (Dr. Hahn):
Svi podaci vrijede ako su zadovoljeni uvjeti pravilne montaže (gornja šarka 150 mm od vrha krila, donja 200 mm od dna krila), za korištenje dvije šarke kod srednje ili niskofrekventne upotrebe.
Za primjenu na vratima sa zatvaračem, automatskim vratima ili kod visokofrekventne upotrebe (na javnim objektima), preporučuje se montaža treće šarke 150 mm ispod gornje.
Gore navedene težine ne smiju se prekoračiti!

Hinges manufacturer remarks (Dr. Hahn):
All data is only valid if the minimum distances of the hinges is guaranteed (leaf height, minus 150 mm for upper hinge, minus 200 mm for lower hinge), for the use of 2 hinges and medium or low frequency of use.
For applications with door closers, automatic doors or high frequency of use (for example public buildings), we recommend the installation of a third hinge 150 mm below the upper hinge.
The above mentioned weights shall not be exceeded!

Türband 4 AT trodijelne šarke (M951_XXXX-M999_XXXX)
Türband 4 AT three-piece hinges (M951_XXXX-M999_XXXX)



Visina krila / Leaf height	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450
3000	220	220	220	220	220	220	220	220	220	
2900	220	220	220	220	220	220	220	220	220	
2800	220	220	220	220	220	220	220	220	220	
2700	220	220	220	220	220	220	220	220	210	
2600	220	220	220	220	220	220	220	210	200	
2500	220	220	220	220	220	215	210	200	195	
2400	220	220	220	220	215	205	200	190	185	
2300	220	220	220	210	205	195	185	180	175	
2200	220	220	210	200	190	185	175	170	165	
2100	220	205	200	190	180	175	165	160	155	
2000										

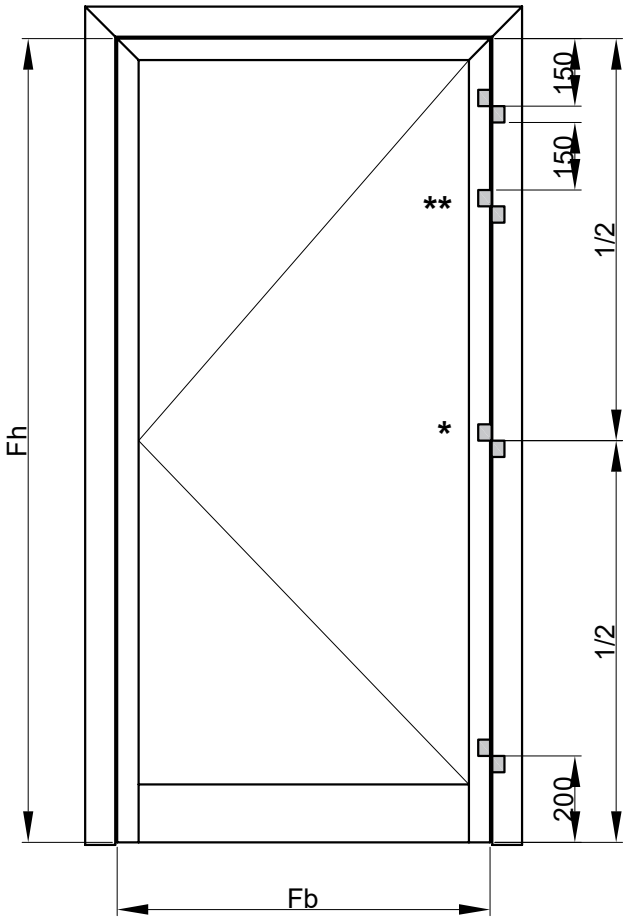
Širina krila / Leaf width

Napomene proizvođača šarki (Dr. Hahn):
Svi podaci vrijede ako su zadovoljeni uvjeti pravilne montaže (gornja šarka 150 mm od vrha krila, donja 200 mm od dna krila), za korištenje dvije šarke kod srednje ili niskofrekventne upotrebe.
Za primjenu na vratima sa zatvaračem, automatskim vratima ili kod visokofrekventne upotrebe (na javnim objektima), preporučuje se montaža treće šarke 150 mm ispod gornje.
Gore navedene težine ne smiju se prekoračiti!

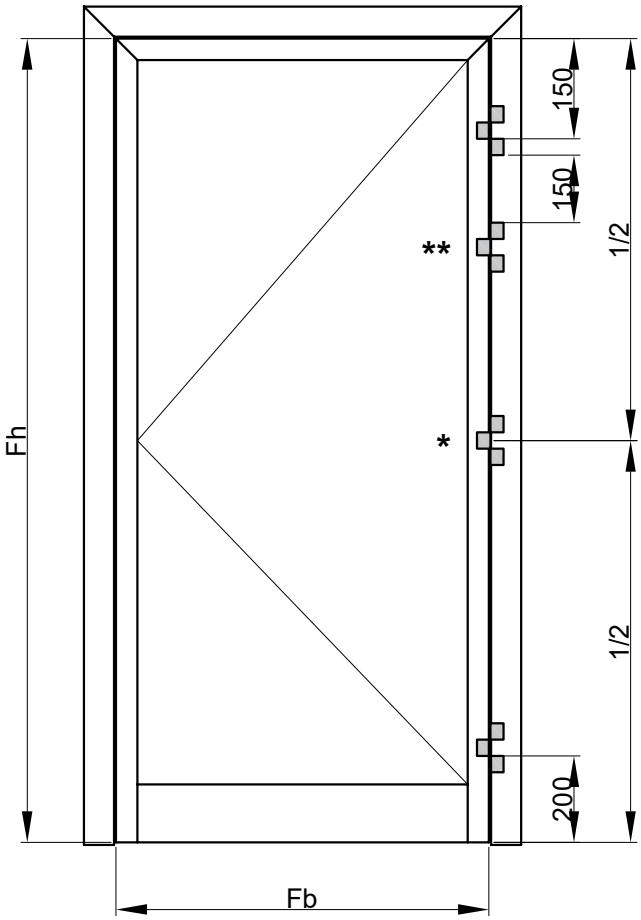
Hinges manufacturer remarks (Dr. Hahn):
All data is only valid if the minimum distances of the hinges is guaranteed (leaf height, minus 150 mm for upper hinge, minus 200 mm for lower hinge), for the use of 2 hinges and medium or low frequency of use.
For applications with door closers, automatic doors or high frequency of use (for example public buildings), we recommend the installation of a third hinge 150 mm below the upper hinge.
The above mentioned weights shall not be exceeded!

Preporuke za ugradnju Dr. Hahn Türband 4 AT šarki
Recommendations for montage of the Dr. Hahn Türband 4 AT hinges

Türband 4 AT dvodijelna šarka
Türband 4 AT two-piece hinge



Türband 4 AT trodijelna šarka
Türband 4 AT three-piece hinge

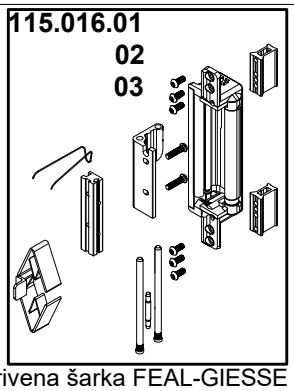


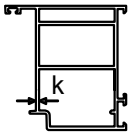
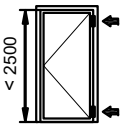
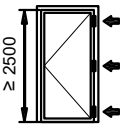
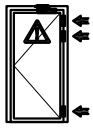
Napomena:
Ne podmazivati, čahure su napravljene od PVC-a koji ne zahtijeva održavanje!
Remark:
Bearing bushes made of maintenance-free PVC - do not lubricate!

Fh = Visina krila
Leaf height

Fb = Širina krila
Leaf width

* 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.
* 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.



Tablica maksimalne nosivosti Maximum load chart				
	Pmax			
				
k ≥ 1.8	160 kg	160 kg	160 kg	107 kg

- Skrivena šarka FEAL-GIESSE za vrata Termo 85 VS i VP otvaranje unutra
- Concealed door hinge FEAL-GIESSE for Termo 85 VS VP inward opening

Koeficijent smanjenja težine (CRP)
Weight reduction coefficient (CRP)

X - nisu dopuštene dimenzije
X - Dimensions are not allowed

H \ L	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
4000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3900	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	
3800	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.90	
3700	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	0.87	
3600	1	1	1	1	1	1	1	1	1	1	1	1	1	0.90	0.83	
3500	1	1	1	1	1	1	1	1	1	1	1	1	0.94	0.86	0.80	
3400	1	1	1	1	1	1	1	1	1	1	1	1	0.90	0.83	0.77	
3300	1	1	1	1	1	1	1	1	1	1	1	0.94	0.85	0.79	0.75	
3200	1	1	1	1	1	1	1	1	1	1	1	0.89	0.82	0.76	0.71	
3100	1	1	1	1	1	1	1	1	1	1	0.94	0.85	0.78	0.73	0.69	
3000	1	1	1	1	1	1	1	1	1	1	0.88	0.82	0.75	0.70	0.67	
2900	1	1	1	1	1	1	1	1	1	0.93	0.84	0.76	0.72	0.68	0.65	
Primjer 1 → 2800	1	1	1	1	1	1	**1**	1	1	0.88	0.80	0.74	0.69	0.65	0.63	
2700	1	1	1	1	1	1	1	1	0.93	0.83	0.76	0.71	0.67	0.63	0.61	
2600	1	1	1	1	1	1	1	1	0.88	0.79	0.72	0.68	0.64	0.61	0.59	
2500	1	1	1	1	1	1	1	0.93	0.83	0.75	0.69	0.65	0.62	0.60	x	
2400	1	1	1	1	1	1	1	0.87	0.78	0.71	0.67	0.63	0.60	x	x	
Primjer 2 → 2300	1	1	1	1	1	1	**0.93**	0.81	0.74	0.68	0.64	0.61	x	x	x	
2200	1	1	1	1	1	1	0.85	0.76	0.70	0.65	0.61	x	x	x	x	
2100	1	1	1	1	1	0.91	0.80	0.72	0.67	0.63	0.59	x	x	x	x	
2000	1	1	1	1	1	0.85	0.75	0.68	0.64	0.60	x	x	x	x	x	
1900																

Primjer 1, 2

Za dobivanje stvarne najveće težine krila (P) pomnožite vrijednost Pmax odabranu u tablici maksimalne nosivosti s koeficijentom smanjenja težine (CRP) koji odgovara veličini krila (Širina x Visina)

Primjer a) :
WxH = 1200 x 2800 mm 3 šarke
Debljina stijenke profila 1.8 mm
Pmax = 160 kg CRP = 1
P = 160 x 1 = 160 kg

Primjer b) :
WxH = 1200 x 2300 mm 2 šarke
Debljina stijenke profila 1.8 mm
Pmax = 160 kg CRP = 0.93
P = 160 x 0.93 = 148.8 kg

To obtain the real sash maximum weight (P) multiply the Pmax value chosen in the Maximum load chart with the weight reduction coefficient (CRP) corresponding to the sash size (WxH)

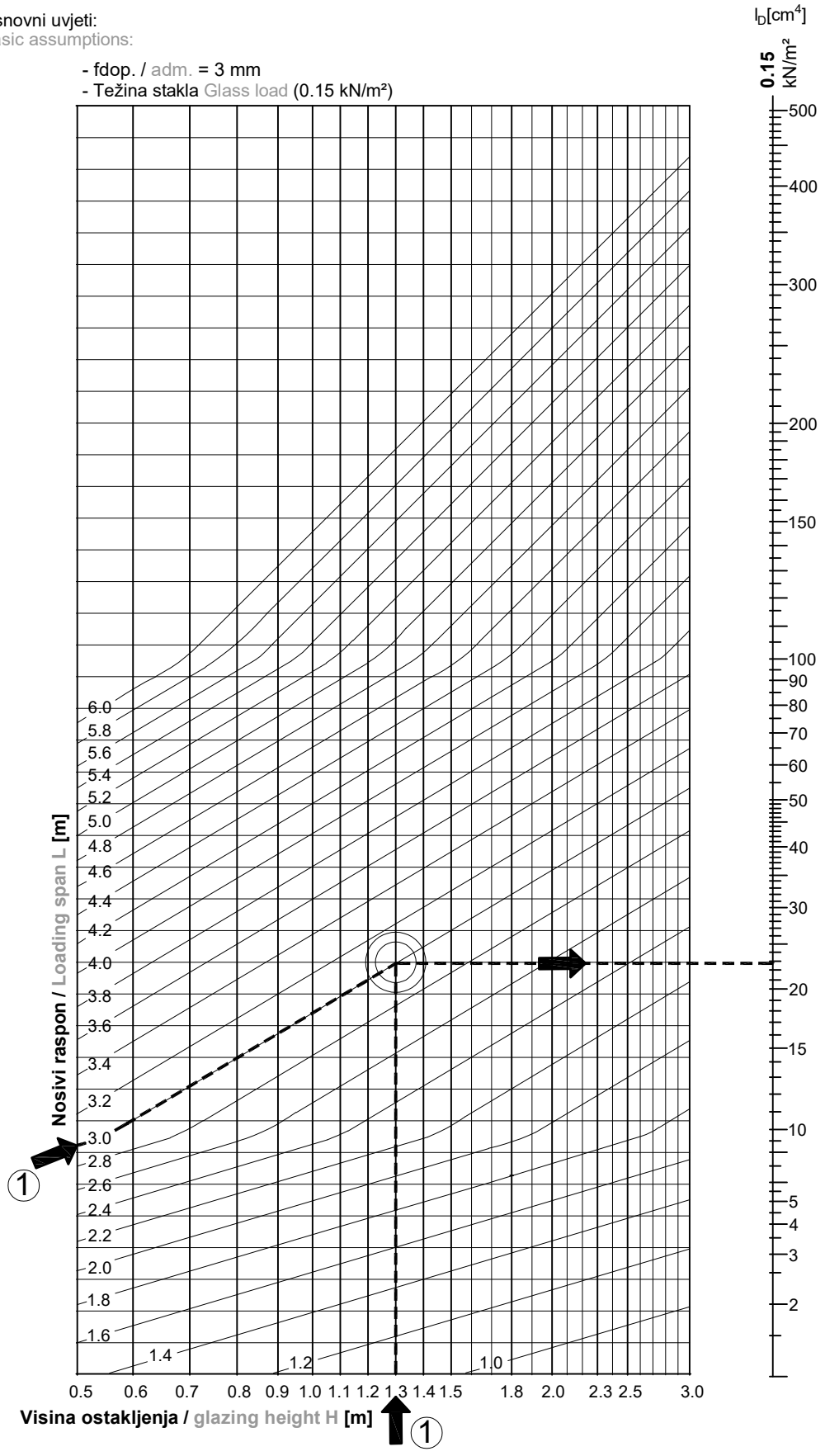
Example a) :
WxH = 1200 x 2800 mm No. 3 hinges
Profile thickness 1.8 mm
Pmax = 160 kg CRP = 1
P = 160 x 1 = 160 kg

Example b) :
WxH = 1200 x 2300 mm No. 2 hinges
Profile thickness 1.8 mm
Pmax = 160 kg CRP = 0.93
P = 160 x 0.93 = 148.8 kg

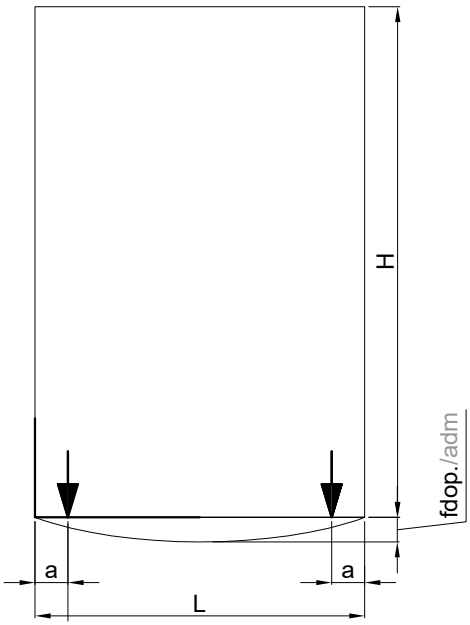
Statički dijagram težina stakla Structural diagram glass load

Osnovni uvjeti:
Basic assumptions:

- fdop. / adm. = 3 mm
- Težina stakla Glass load (0.15 kN/m²)



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 Iy pod jediničnim opt. 0.15 kN/m²
Determination of required moment Iy under unit load 0.15 kN/m²

za / for qs 0.15 kN/m²
$Iy_{0.15}$ = 23 cm⁴ (① dijagram / diagram)

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

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

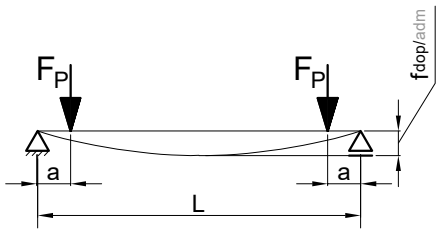
Potrebni / required $Iy=K_{20} \cdot Iy_{0.15}$ = (3.33) · 23 cm⁴ =77 cm⁴

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 Structural formulas

Nosač na dva oslonca / Beam on 2 supports



a = 150 mm fiksno / fixed

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

$$Iy = \frac{F \cdot a}{24 \cdot E \cdot fdop\,/\,adm.} \cdot (3 \cdot L^2 - 4\,a^2)$$

I_y	(cm^4) = Moment inercije / Moment of inertia
F_P	(kN) = Pojedinačno opterećenje / Single load
a	(cm) = Udaljenost oslonca / Support distance
H	(cm) = Visina stakla / Pane height
L	(cm) = Širina raspona / Load span
q_S	(kN/cm²) = Težina stakla / Glass weight
fdop. / adm.	(cm) = dop.progib / adm. deflection

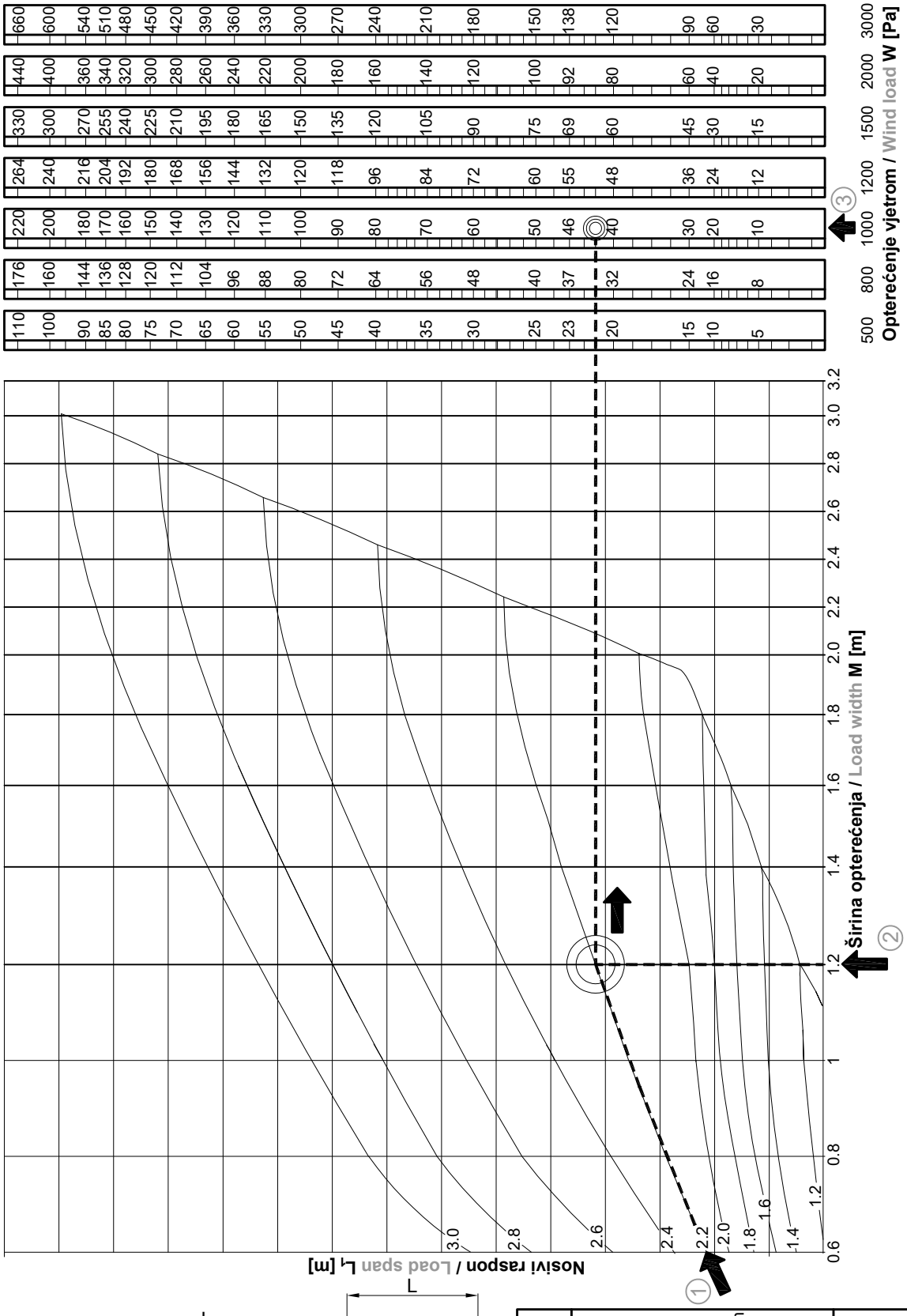
Tablica 1. Težina stakla
Table 1. Glass weight

Koeficijent K Coefficient K	1	1.33	1.66	2	2.33	2.66	3	3.33	3.66	4	4.33	4.66	5	5.33	5,66	6	6.33	6.66	7	7.33	7.66	8
kN/m²	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/m²	15	20	25	30	35	40	45	50	55	60	65	70	80	85	90	95	100	105	110	115	120	125
Debl. stakla (mm) D Glass thick. (mm) D	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48

①

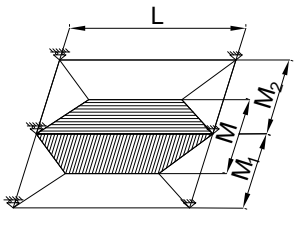
Statički dijagram -opterećenje vjetrom Structural diagram of wind load

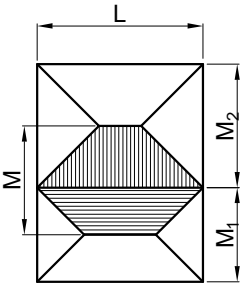
Trokutasto i trapeziodno opterećenje Triangular and trapezoidal load



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

Osnovni uvjeti
Basic assumptions:
fdop. / adm. =L / 200
Trapezoidno opterećenje
Trapeziodal load
$M = (M_1+M_2)2$





Primjer 1 / Example 1:

① Nosivi raspon / Load span: L= 2.20 m

② Širina opterećenja / Load width: M_1= 1,0 m, M_2=1,4 m, $M=(M_1+M_2)/2=1,2$ m

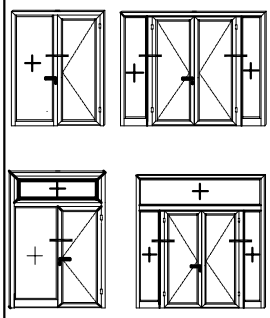
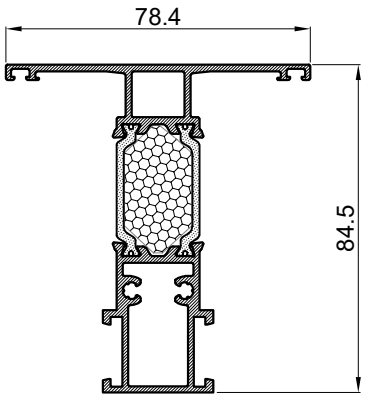
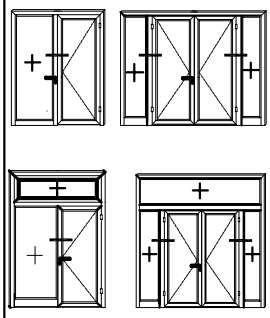
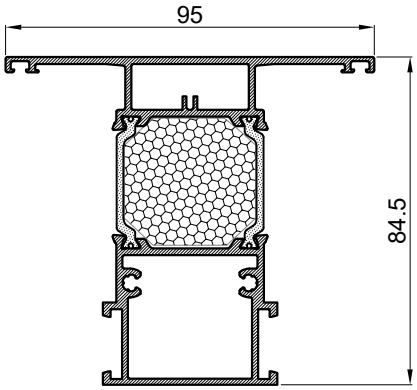
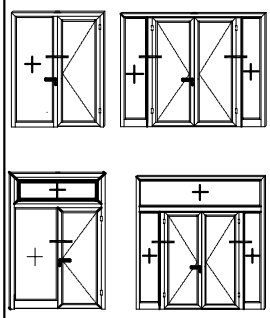
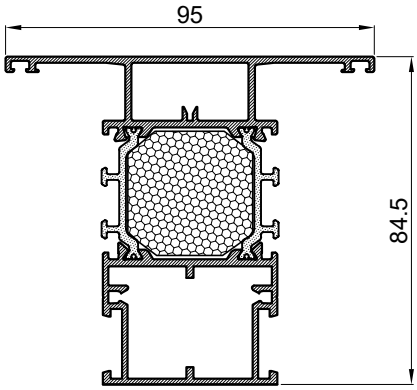
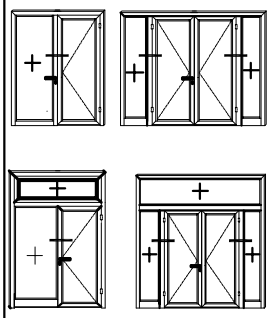
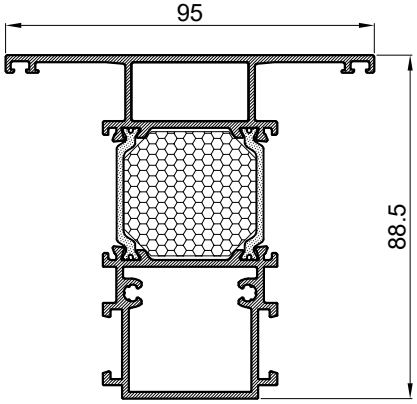
③ Tlak vjetra* Wind pressure* = 1000 Pa

Rezultat/ Result

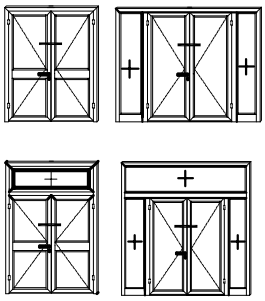
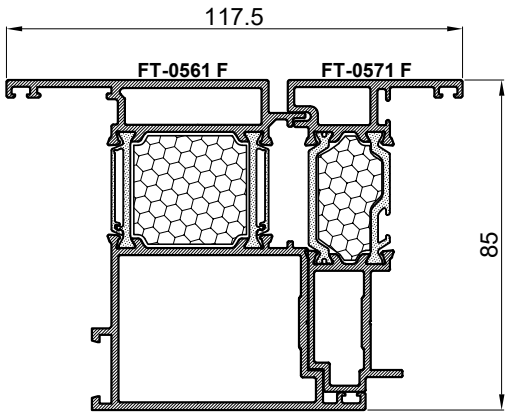
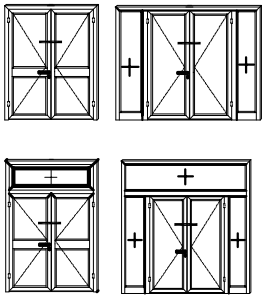
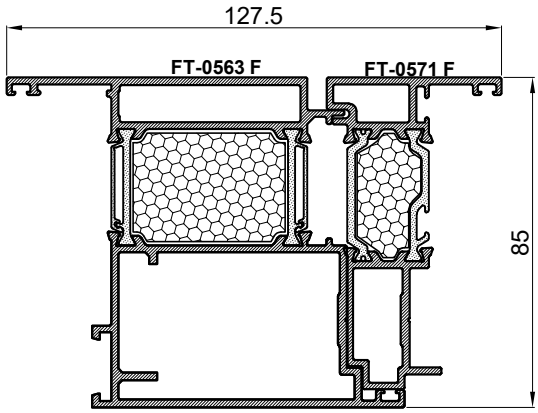
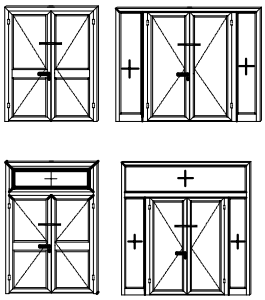
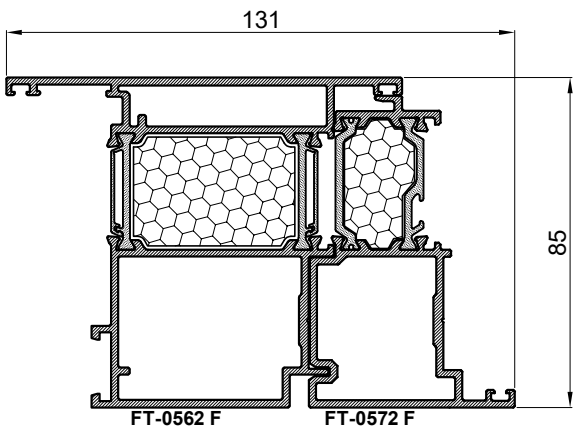
Potrebni Ix
Required Ix
= 42 cm^4

Odabrati odgovarajući profil iz tablice profila
Select the profile from the profile table

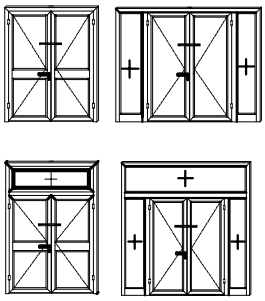
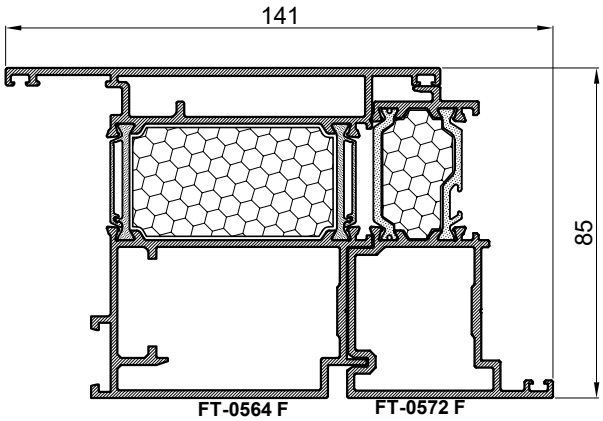
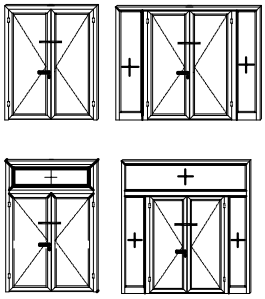
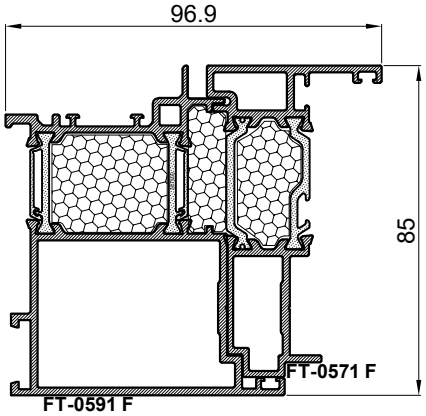
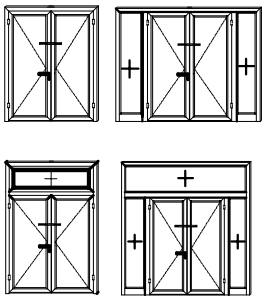
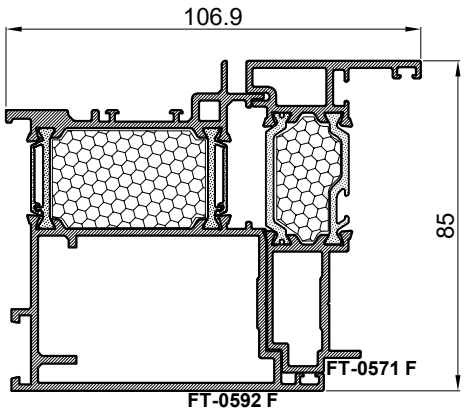
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Profili Profiles	Izgled View	Ix (cm^4)	Iy (cm^4)
	**FT-0574 F**		37.64	11.04
	**FT-0575 F**		46.60	25.03
	**FT-2577 F**		44.91	25.18
	**FT-0580 F**		53.30	28.44

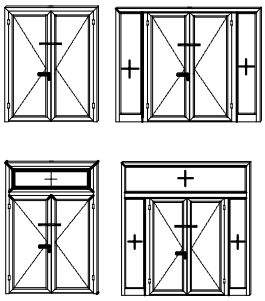
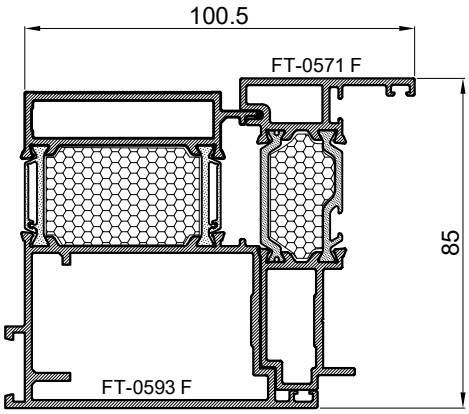
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Profili Profiles	Izgled View	Ix (cm^4)	Iy (cm^4)
	**FT-0561 F + FT-0571 F**		**82.41**	**81.65**
	**FT-0563 F + FT-0571 F**		**90.86**	**113.87**
	**FT-0562 F + FT-0572 F**		**92.00**	**118.64**

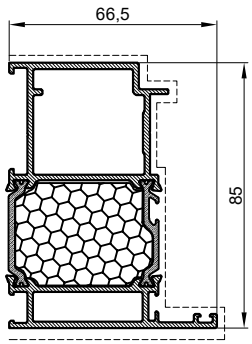
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Profili Profiles	Izgled View	Ix (cm^4)	Iy (cm^4)
	**FT-0564 F** **+** **FT-0572 F**		**100.44**	**158.78**
	**FT-0591 F** **+** **FT-0571 F**		**67.27**	**62.15**
	**FT-0592 F** **+** **FT-0571 F**		**74.12**	**92.53**

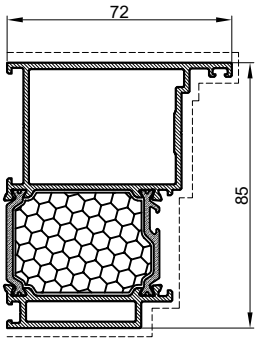
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Profili Profiles	Izgled View	Ix (cm^4)	Iy (cm^4)
	**FT-0593 F** **+** **FT-0571 F**		**80.42**	**93.56**

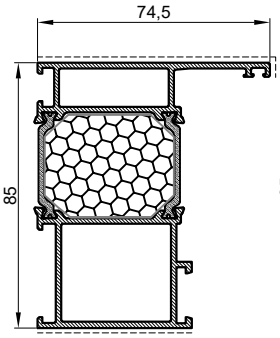
Profili
Profiles



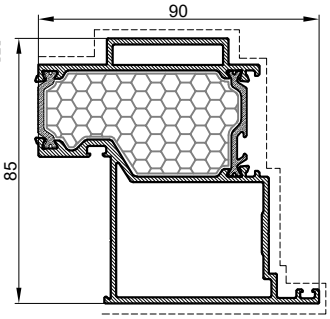
FT-0551F
tež. 1.916 kg/m'



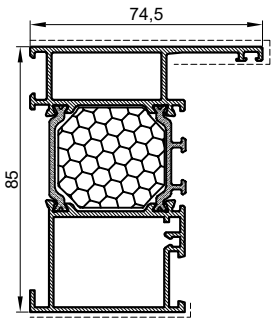
FT-0552F
tež. 1.995 kg/m'



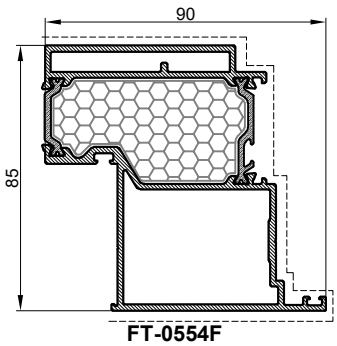
FT-0513F
tež. 1.884 kg/m'



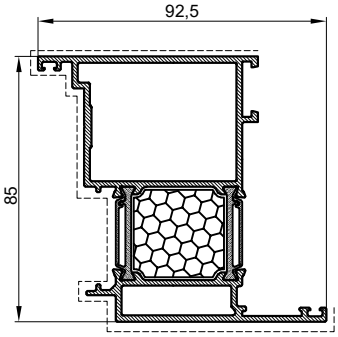
FT-0553F
tež. 2.23 kg/m'



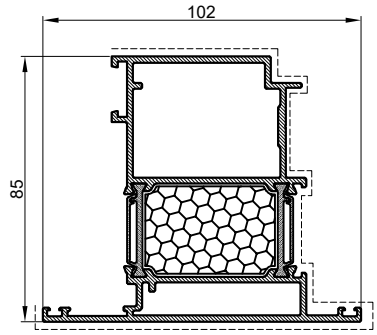
FT-2555F
tež. 1.824 kg/m'



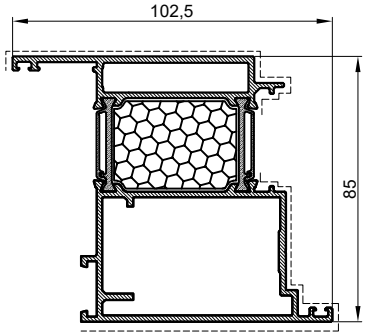
FT-0554F
tež. 2.374 kg/m'



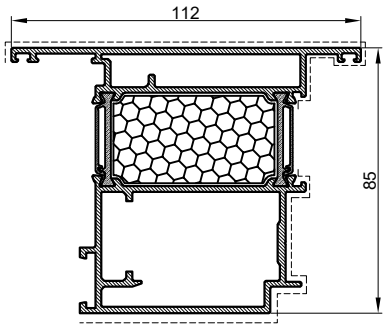
FT-0561F
tež. 2.175 kg/m'



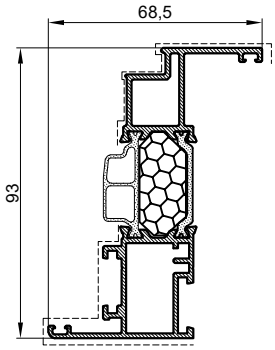
FT-0562F
tež. 2.399 kg/m'



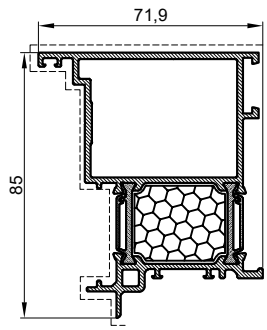
FT-0563F
tež. 2.445 kg/m'



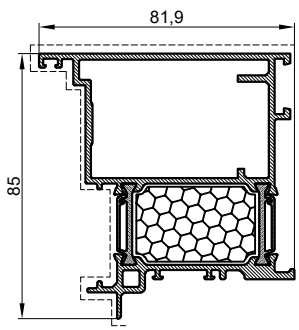
FT-0564F
tež. 2.681 kg/m'



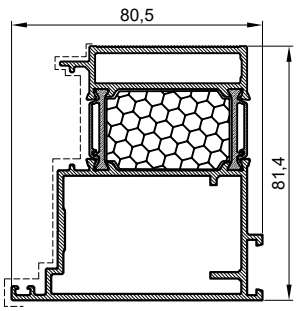
FT-0565F
tež. 1.583 kg/m'



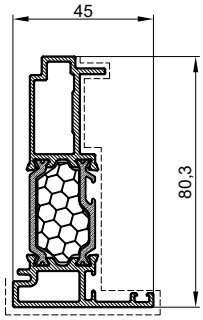
FT-0591F
tež. 1.885 kg/m'



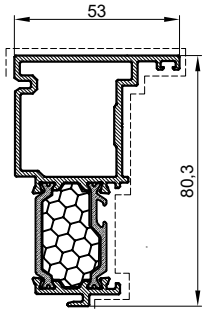
FT-0592F
tež. 2.166 kg/m'



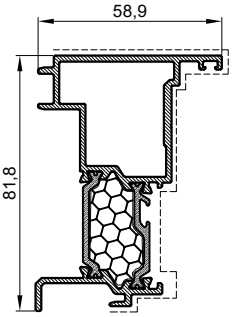
FT-0593F
tež. 2.268 kg/m'



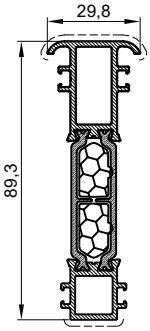
FT-0571F
tež. 1.33 kg/m'



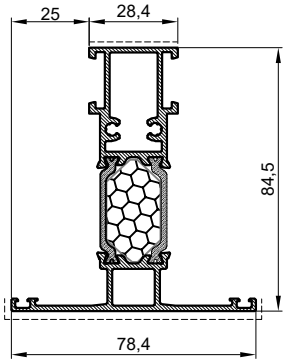
FT-0572F
tež. 1.472 kg/m'



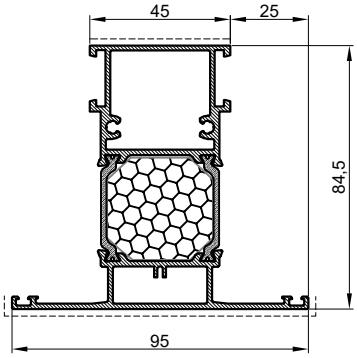
FT-0573F
tež. 1.568 kg/m'



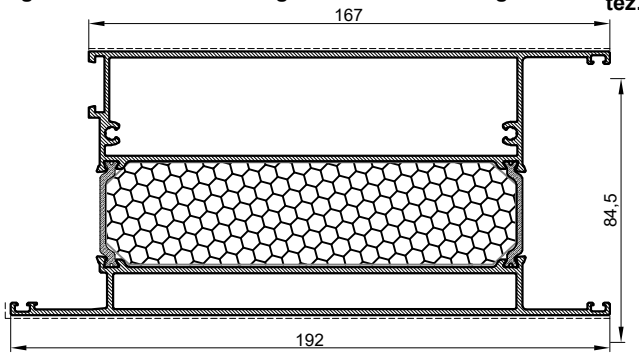
FT-0540F
tež. 1.135 kg/m'



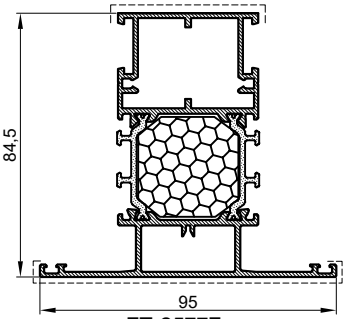
FT-0574F
tež. 1.65 kg/m'



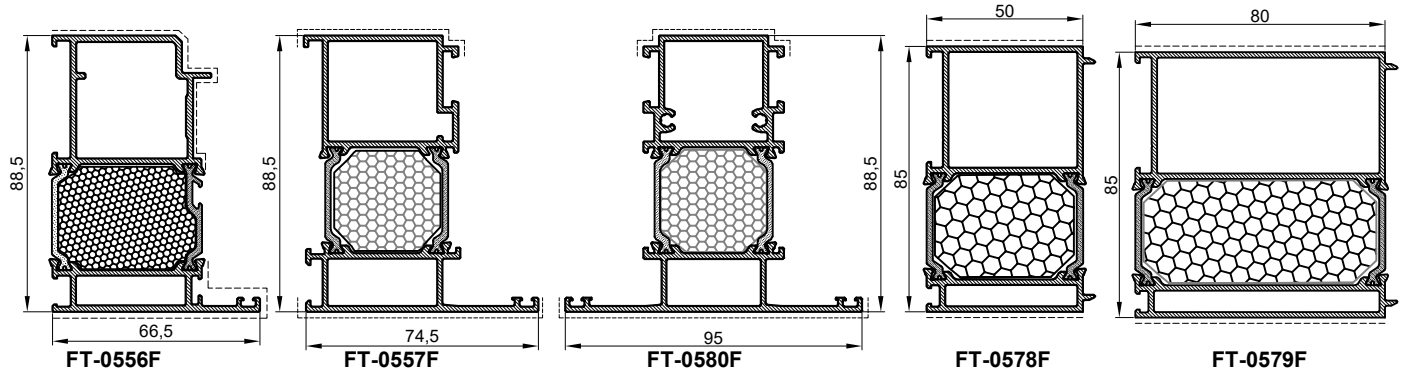
FT-0575F
tež. 1.97 kg/m'



FT-0576F
tež. 4.15 kg/m'



FT-2577F
tež. 1.937 kg/m'



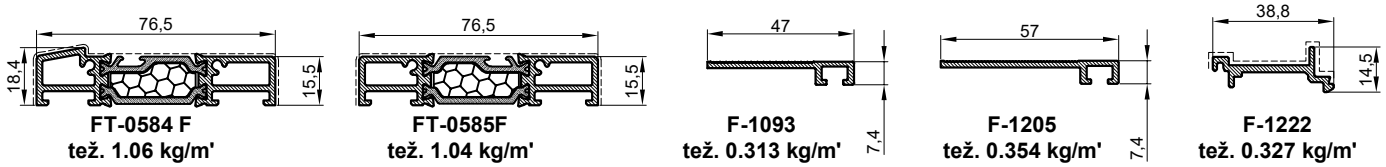
FT-0556F
tež. 1.946 kg/m'

FT-0557F
tež. 1,907kg/m'

FT-0580F
tež. 2,13kg/m'

FT-0578F
tež. 1.749 kg/m'

FT-0579F
tež. 2.317 kg/m'



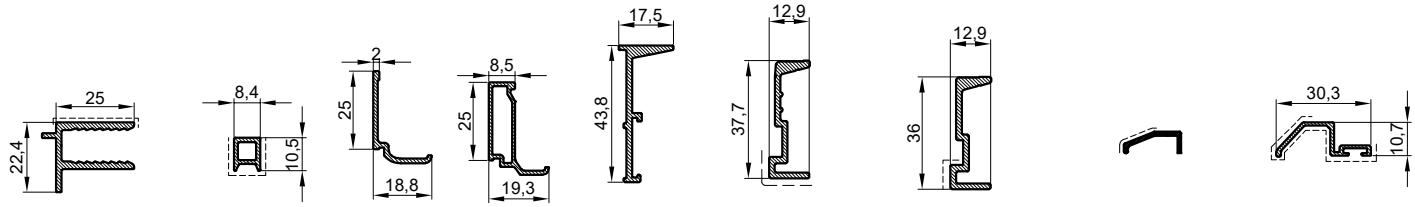
FT-0584 F
tež. 1.06 kg/m'

FT-0585F
tež. 1.04 kg/m'

F-1093
tež. 0.313 kg/m'

F-1205
tež. 0.354 kg/m'

F-1222
tež. 0.327 kg/m'



F-1232
tež. 0.405 kg/m'

F-1188
tež. 0.114 kg/m'

F-1544
0,192kg/m'

F-1545
0,255kg/m'

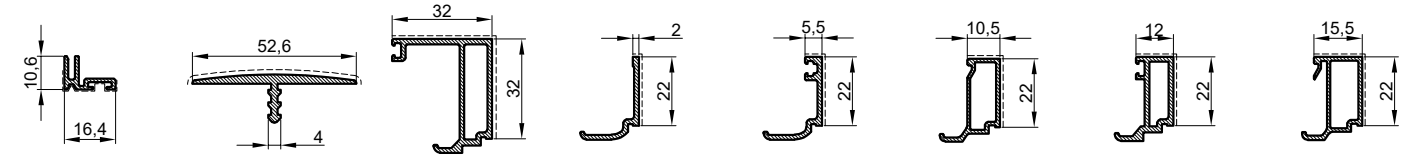
F-1543
0,359kg/m'

F-1486
tež. 0.345 kg/m'

F-1223
tež. 0.337 kg/m'

F-0970
tež. 0.1 kg/m'

F-1200
tež. 0.16 kg/m'



F-1596
0.142 kg/m'

F-0978
tež. 0.42 kg/m'

FB-41
tež. 0.535 kg/m'

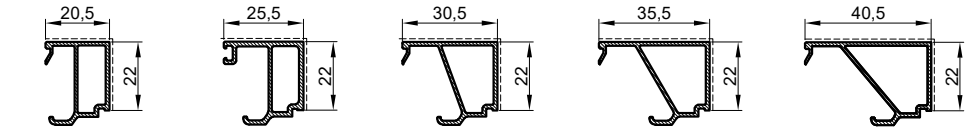
Z40-660
tež. 0.179 kg/m'

Z40-656
tež. 0.215 kg/m'

Z40-664
tež. 0.243 kg/m'

F-0784
tež. 0.330 kg/m'

Z40-665
tež. 0.271 kg/m'



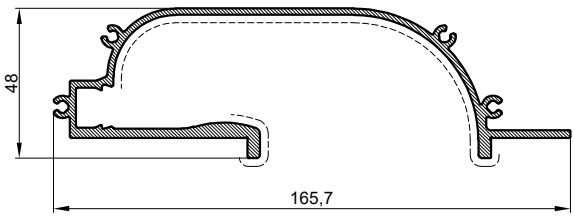
Z40-666
tež. 0.289 kg/m'

Z40-667
tež. 0.358 kg/m'

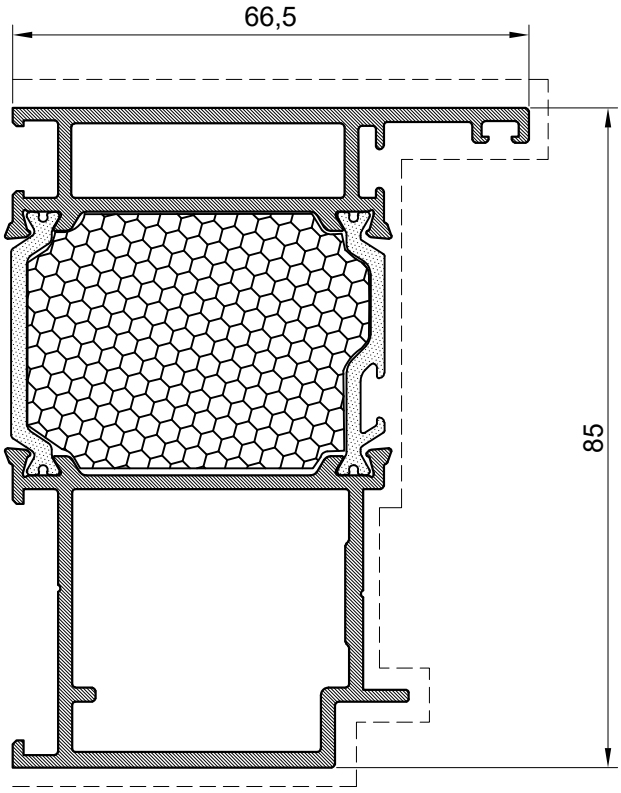
Z40-668
tež. 0.320 kg/m'

Z40-669
tež. 0.347 kg/m'

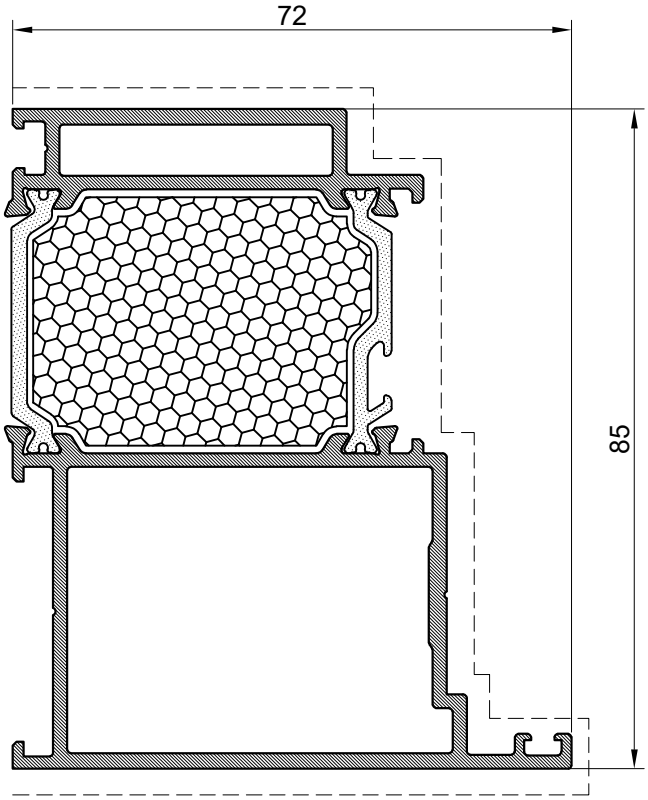
Z40-670
tež. 0.373 kg/m'



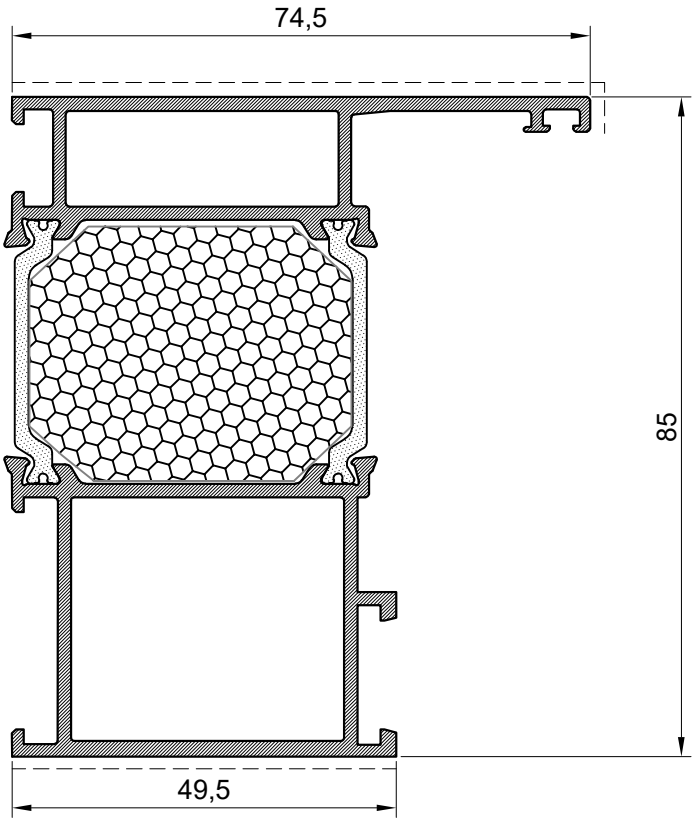
F-1880
tež. 2.144 kg/m'



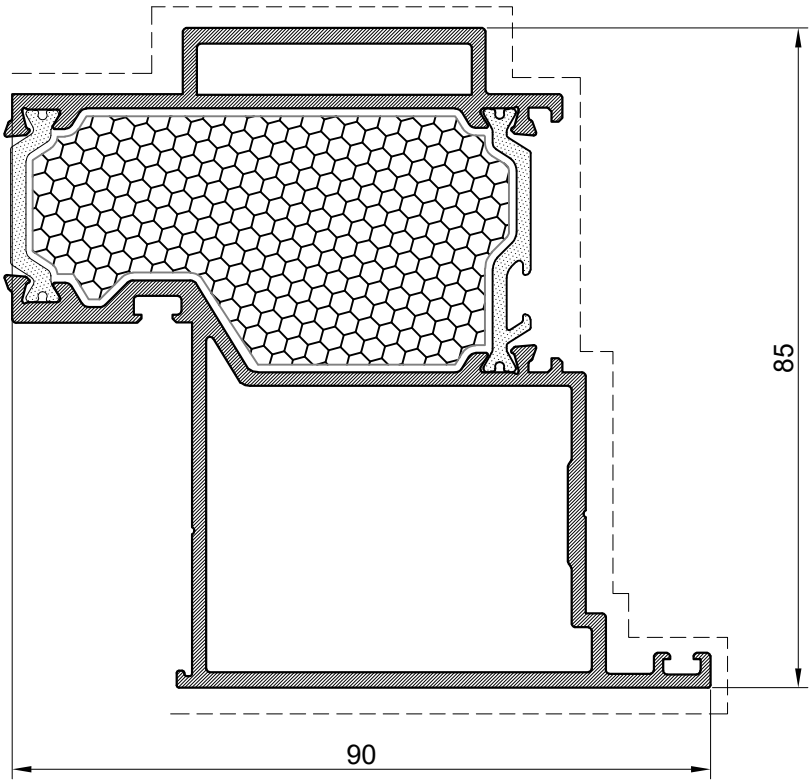
Profil rama-otvaranje unutra Profile frame-inward opening		
Art.Br. Art.No.	**FT-0551F**	
Težina Weight	kg/m'	**1.916**
Opseg Perimeter	mm	**395**
Moment inercije Moments of inertia	Ix (cm^4)	**46.01**
	Iy (cm^4)	**19.84**
	Wx (cm^3)	**13.31**
	Wy (cm^3)	**4.99**
L	mm	**6500**



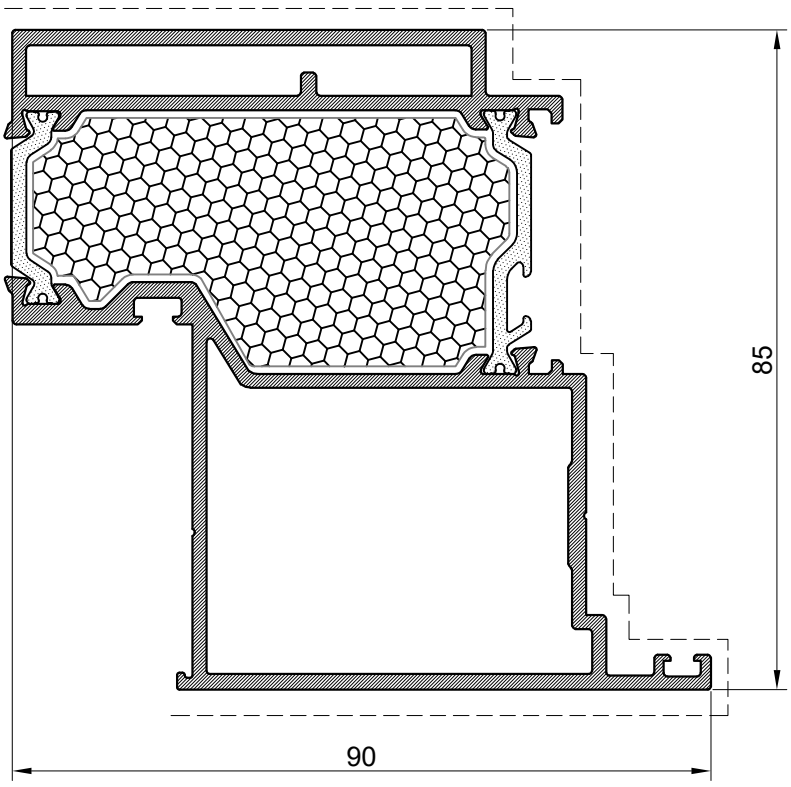
Profil rama-otvaranje vani Profile frame-outward opening		
Art.Br. Art.No.	**FT-0552F**	
Težina Weight	kg/m'	**1.995**
Opseg Perimeter	mm	**389**
Moment inercije Moments of inertia	Ix (cm^4)	**49.52**
	Iy (cm^4)	**27.17**
	Wx (cm^3)	**14.70**
	Wy (cm^3)	**6.41**
L	mm	**6500**



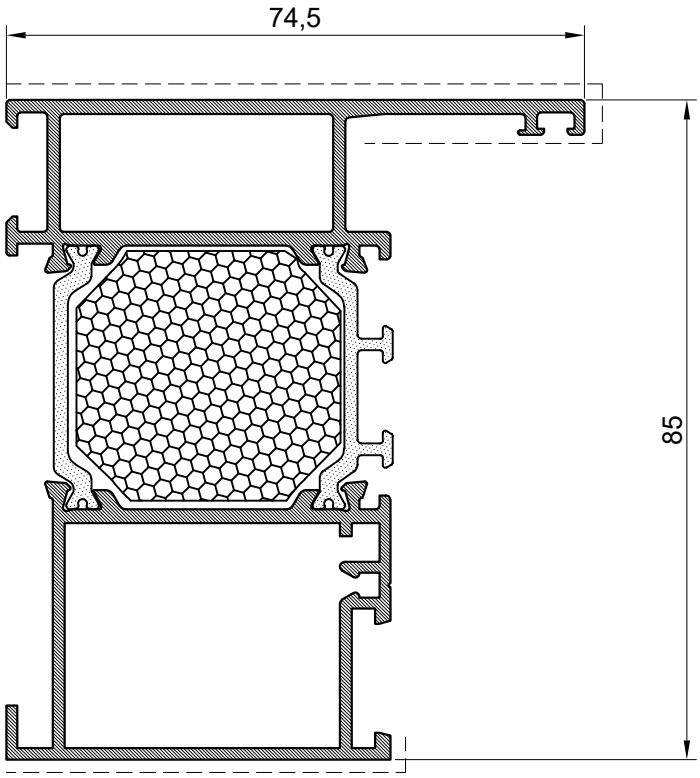
Profil rama (bočni fiksni dio +fiksno nadsvjetlo) Profile frame (fixed side and top light)		
Art.Br. Art.No.	**FT-0513F**	
Težina Weight	kg/m'	**1.884**
Opseg Perimeter	mm	**407.24**
Moment inercije Moments of inertia	Ix (cm^4)	**46.38**
	Iy (cm^4)	**22.67**
	Wx (cm^3)	**13.55**
	Wy (cm^3)	**4.85**
L	mm	**6500**



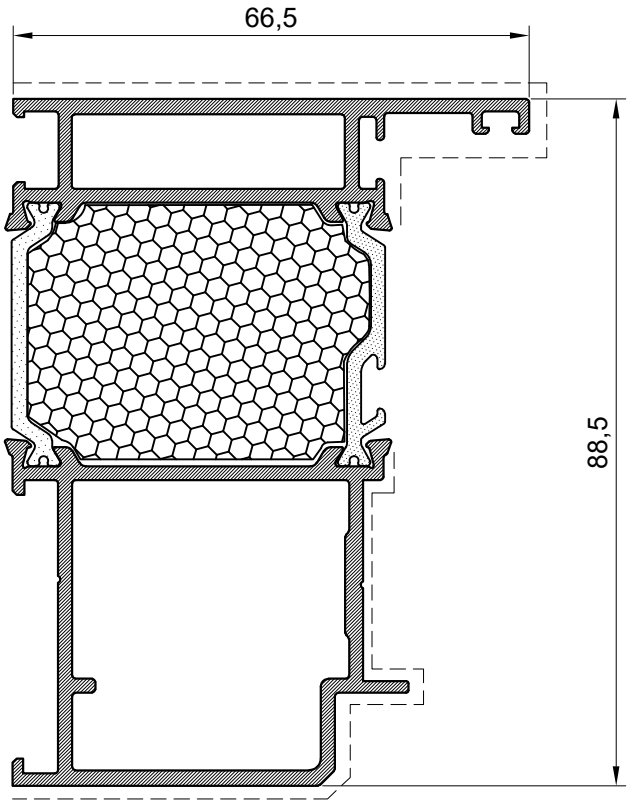
Profil rama-ugradnja u kont. fasadu (otv. vani) Profile frame-install. in curtain wall (outward opening)		
Art.Br. Art.No.	**FT-0553F**	
Težina Weight	kg/m'	**2.230**
Opseg Perimeter	mm	**412.00**
Moment inercije Moments of inertia	Ix (cm^4)	**52.69**
	Iy (cm^4)	**41.54**
	Wx (cm^3)	**15.51**
	Wy (cm^3)	**8.70**
L	mm	**6500**



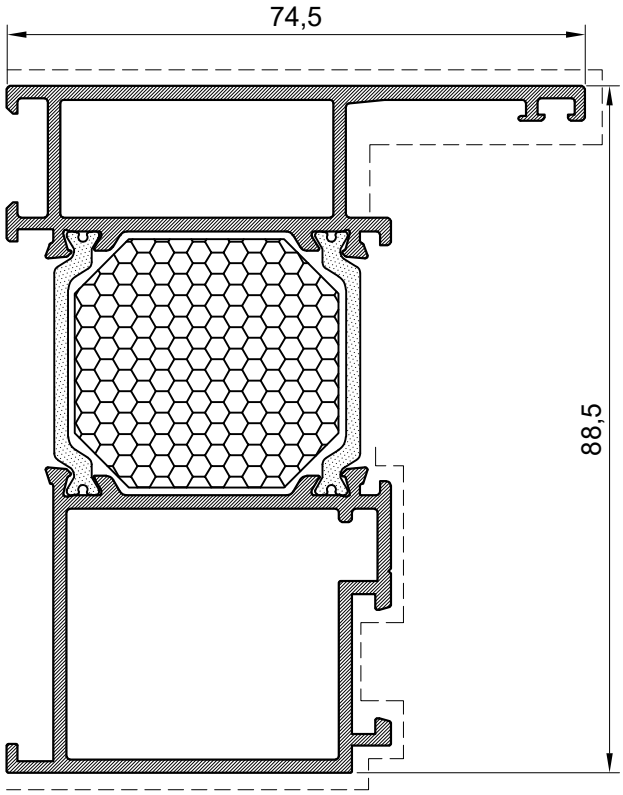
Profil rama-ugradnja u strukt. fasadu (otv. vani) Profile frame-install. in struc. facades (inward open.)		
Art.Br. Art.No.	**FT-0554F**	
Težina Weight	kg/m'	**2.374**
Opseg Perimeter	mm	**412.00**
Moment inercije Moments of inertia	Ix (cm^4)	**58.23**
	Iy (cm^4)	**47.31**
	Wx (cm^3)	**16.35**
	Wy (cm^3)	**9.50**
L	mm	**6500**



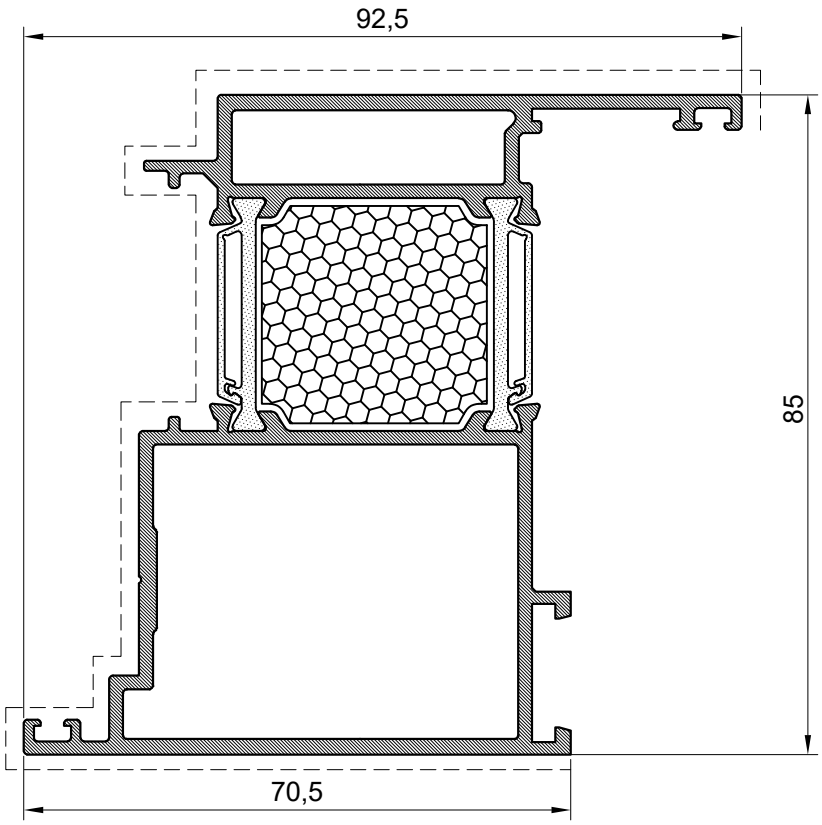
Profil rama-vrata sa otv. nadsvjetlom Profile frame-door with tilt top light		
Art.Br. Art.No.	**FT-2555F**	
Težina Weight	kg/m'	**1.824**
Opseg Perimeter	mm	**469**
Moment inercije Moments of inertia	Ix (cm^4)	**43.54**
	Iy (cm^4)	**21.96**
	Wx (cm^3)	**12.40**
	Wy (cm^3)	**4.87**
L	mm	**6500**



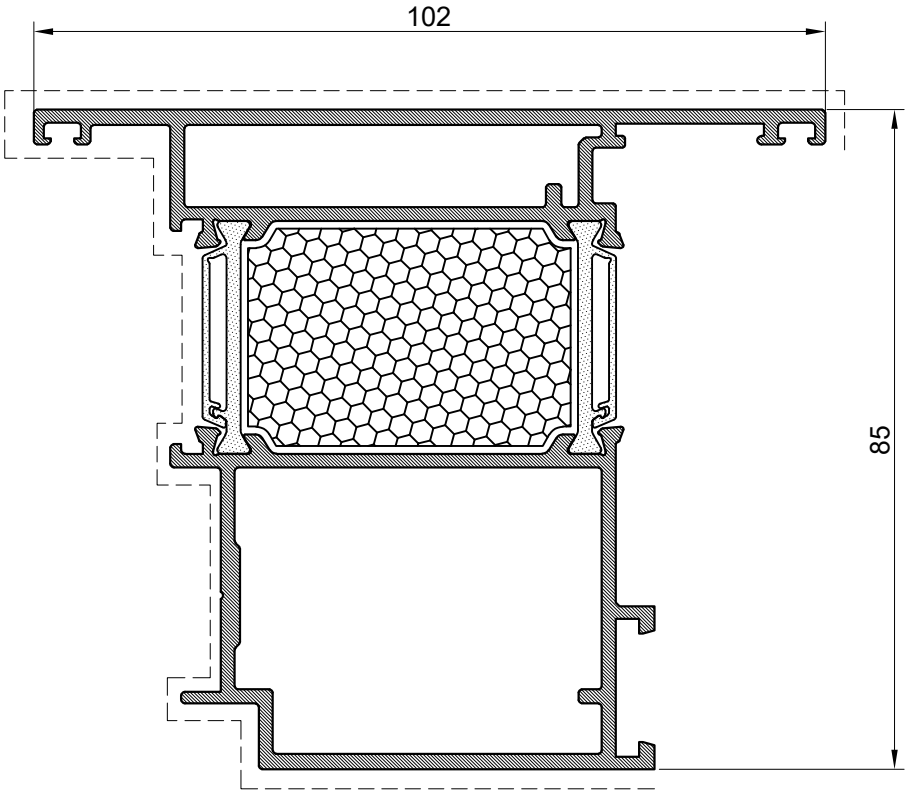
Profil rama-VP vrata sa obostrano ravnim limom Profile frame-VP door with both side hidden sash		
Art.Br. Art.No.	**FT-0556F**	
Težina Weight	kg/m'	**1.946**
Opseg Perimeter	mm	**401.75**
Moment inercije Moments of inertia	Ix (cm^4)	**49.93**
	Iy (cm^4)	**20.15**
	Wx (cm^3)	**13.71**
	Wy (cm^3)	**5.05**
L	mm	**6500**



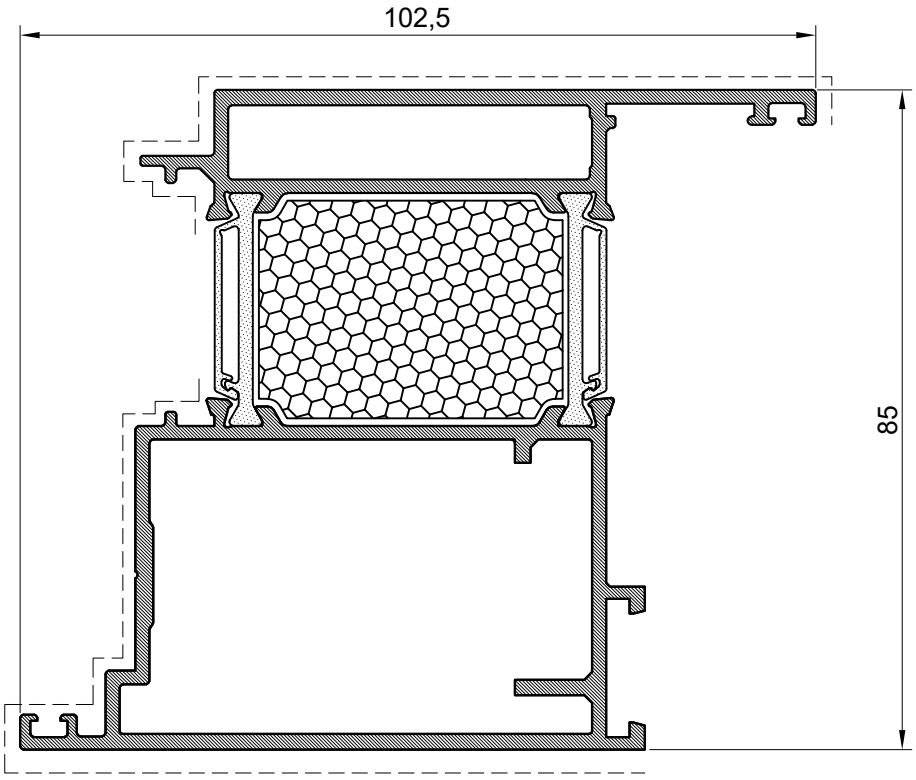
Profil rama-VP vrata sa fix. dijelom (obostrano ravnim lim) Profile frame-VP door with fix. side and top light (both side hidden sash)		
Art.Br. Art.No.	**FT-0557F**	
Težina Weight	kg/m'	**1.907**
Opseg Perimeter	mm	**419.93**
Moment inercije Moments of inertia	Ix (cm^4)	**65.79**
	Iy (cm^4)	**22.37**
	Wx (cm^3)	**13.37**
	Wy (cm^3)	**4.97**
L	mm	**6500**



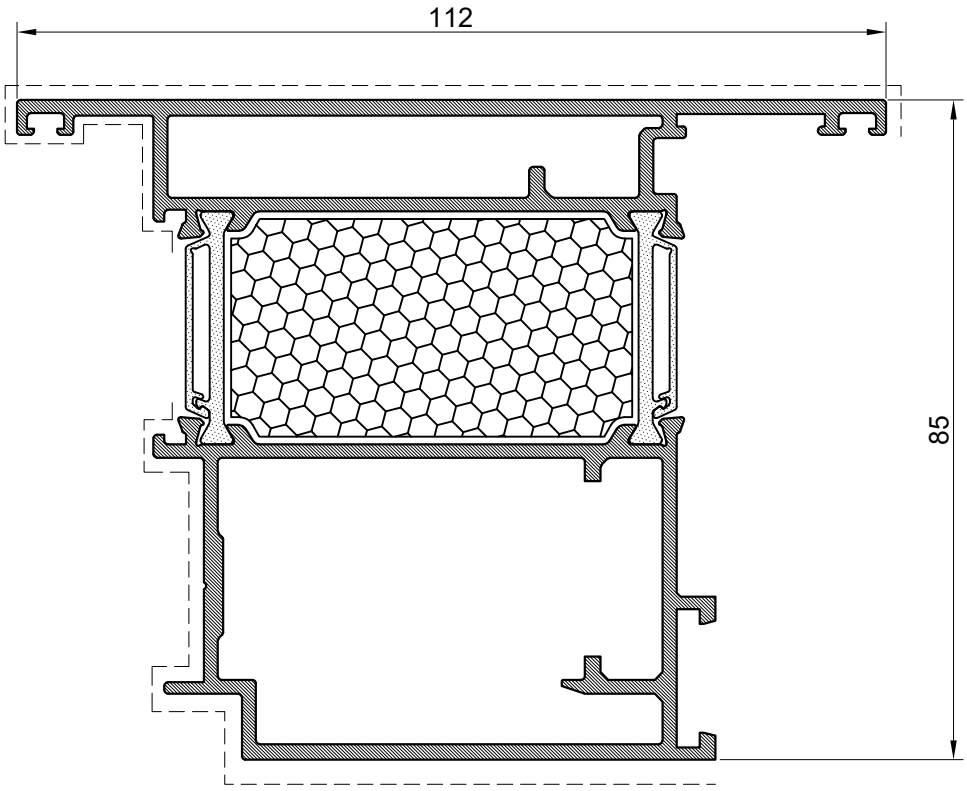
Profil krila-otvaranje unutra (brava 35 mm) Profile sash-inward opening (lock-backset 35 mm)		
Art.Br. Art.No.	**FT-0561F**	
Težina Weight	kg/m'	**2.175**
Opseg Perimeter	mm	**448.00**
Moment inercije Moments of inertia	Ix (cm^4)	**55.94**
	Iy (cm^4)	**34.79**
	Wx (cm^3)	**16.99**
	Wy (cm^3)	**7.09**
L	mm	**6500**



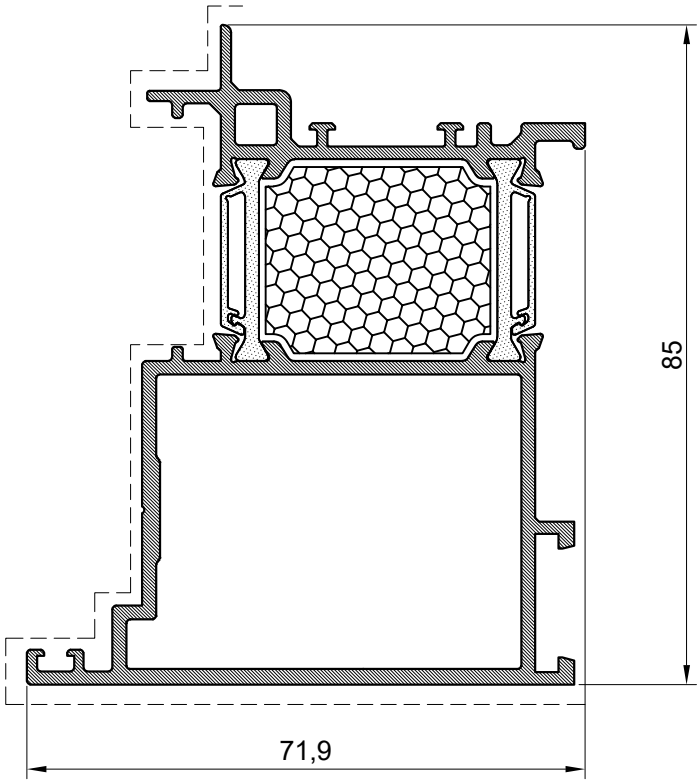
Profil krila-otvaranje vani (brava 35 mm) Profile sash-outward opening (lock-backset 35 mm)		
Art.Br. Art.No.	**FT-0562F**	
Težina Weight	kg/m'	**2.399**
Opseg Perimeter	mm	**465.00**
Moment inercije Moments of inertia	Ix (cm^4)	**58.73**
	Iy (cm^4)	**45.81**
	Wx (cm^3)	**15.88**
	Wy (cm^3)	**8.74**
L	mm	**6500**



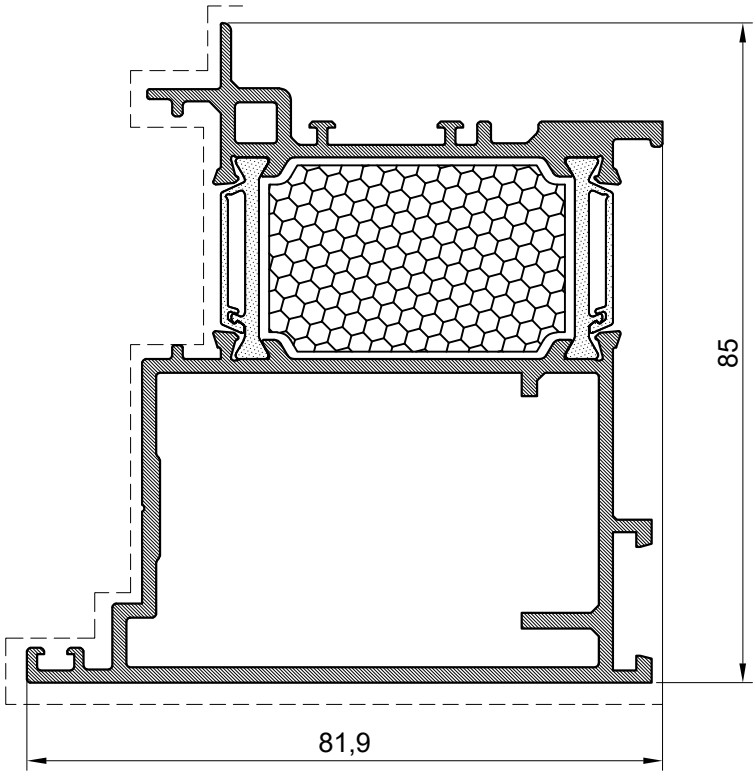
Profil krila-otvaranje unutra (brava 45 mm) Profile sash-inward opening (lock-backset 45 mm)		
Art.Br. Art.No.	**FT-0563F**	
Težina Weight	kg/m'	**2.445**
Opseg Perimeter	mm	**459.40**
Moment inercije Moments of inertia	Ix (cm^4)	**64.08**
	Iy (cm^4)	**51.51**
	Wx (cm^3)	**19.67**
	Wy (cm^3)	**9.65**
L	mm	**6500**



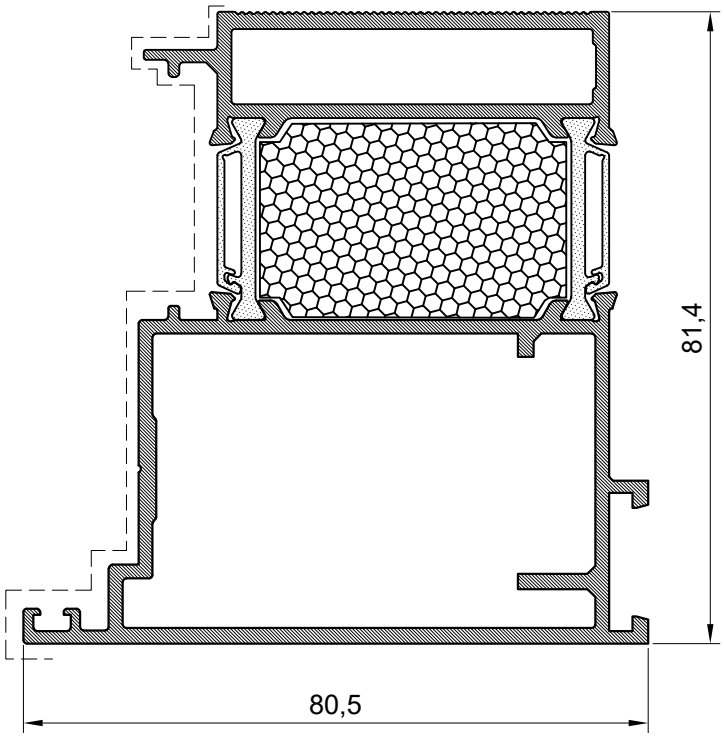
Profil krila-otvaranje vani (brava 45 mm) Profile sash-outward opening (lock-backset 45 mm)		
Art.Br. Art.No.	**FT-0564F**	
Težina Weight	kg/m'	**2.681**
Opseg Perimeter	mm	**127.70**
Moment inercije Moments of inertia	Ix (cm^4)	**67.73**
	Iy (cm^4)	**65.92**
	Wx (cm^3)	**18.73**
	Wy (cm^3)	**11.62**
L	mm	**6500**



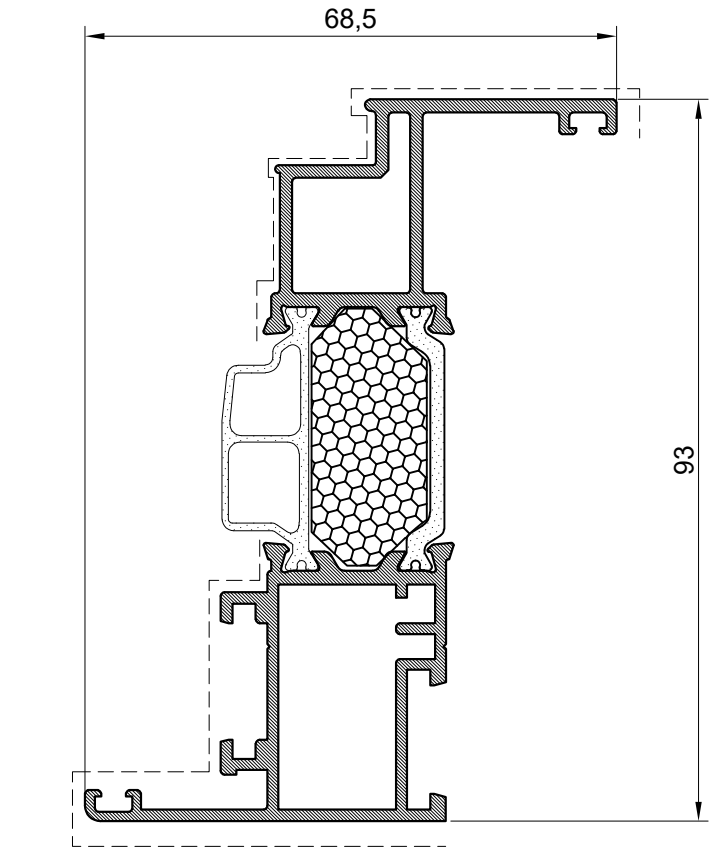
Profil krila-VP vrata (brava 35 mm) Profile sash-VP door (lock-backset 35 mm)		
Art.Br. Art.No.	**FT-0591F**	
Težina Weight	kg/m'	**1.885**
Opseg Perimeter	mm	**409.40**
Moment inercije Moments of inertia	Ix (cm^4)	**37.62**
	Iy (cm^4)	**25.37**
	Wx (cm^3)	**9.81**
	Wy (cm^3)	**6.43**
L	mm	**6500**



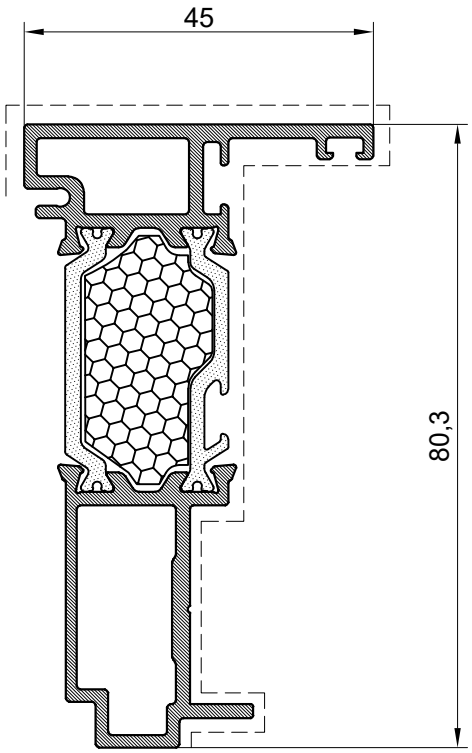
Profil krila-VP vrata (brava 45 mm) Profile sash-VP door (lock-backset 45 mm)		
Art.Br. Art.No.	**FT-0592F**	
Težina Weight	kg/m'	**2.166**
Opseg Perimeter	mm	**443.8**
Moment inercije Moments of inertia	Ix (cm^4)	**44.30**
	Iy (cm^4)	**40.69**
	Wx (cm^3)	**11.64**
	Wy (cm^3)	**8.90**
L	mm	**6500**



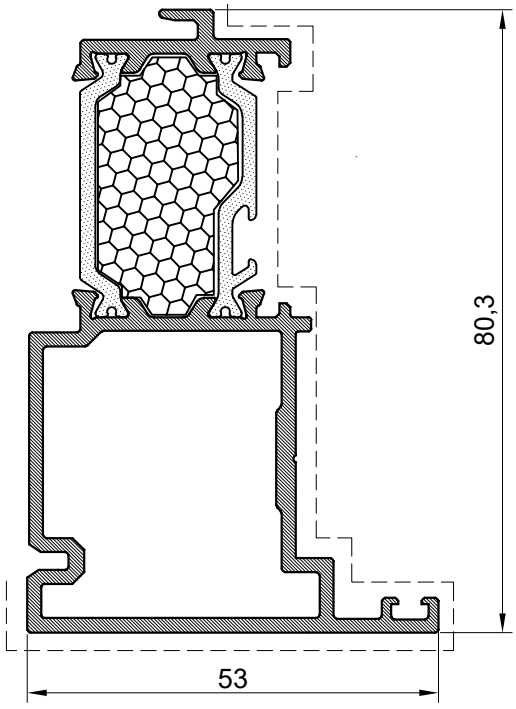
Profil krila-VP vrata (obostrano ravni lim) Profile sash-VP door (both side hidden sash)		
Art.Br. Art.No.	**FT-0593F**	
Težina Weight	kg/m'	**2.268**
Opseg Perimeter	mm	**391.52**
Moment inercije Moments of inertia	Ix (cm^4)	**52.10**
	Iy (cm^4)	**40.27**
	Wx (cm^3)	**15.98**
	Wy (cm^3)	**8.77**
L	mm	**6500**



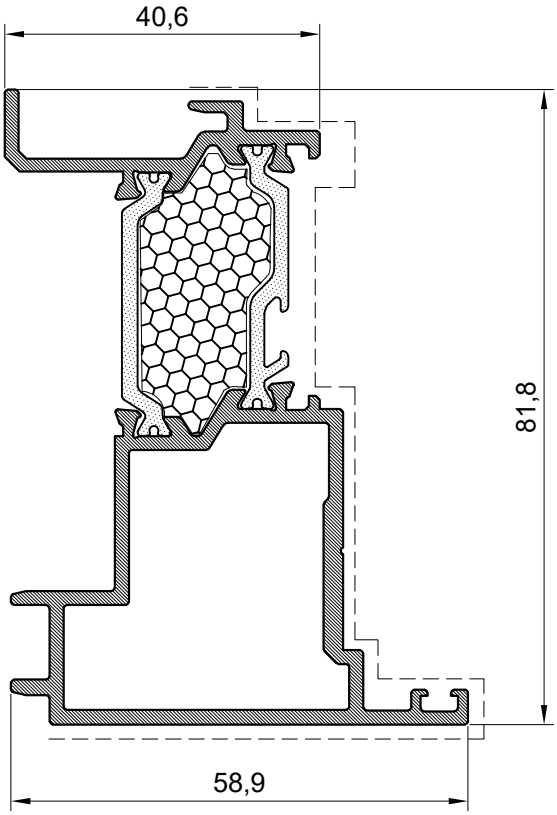
Profil krila-otvarajuće nadsvjetlo Profile sash-tilt top light		
Art.Br. Art.No.	**FT-0565F**	
Težina Weight	kg/m'	**1.583**
Opseg Perimeter	mm	**439.96**
Moment inercije Moments of inertia	Ix (cm^4)	**41.73**
	Iy (cm^4)	**8.44**
	Wx (cm^3)	**11.65**
	Wy (cm^3)	**2.43**
L	mm	**6500**



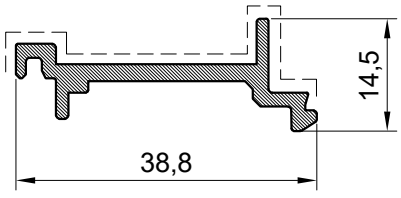
Profil kombatute-otv.unutra Flying mullion inward opening		
Art.Br. Art.No.	**FT-0571F**	
Težina Weight	kg/m'	**1.33**
Opseg Perimeter	mm	**318.45**
Moment inercije Moments of inertia	Ix (cm^4)	**25.36**
	Iy (cm^4)	**4.07**
	Wx (cm^3)	**7.45**
	Wy (cm^3)	**1.45**
L	mm	**6500**



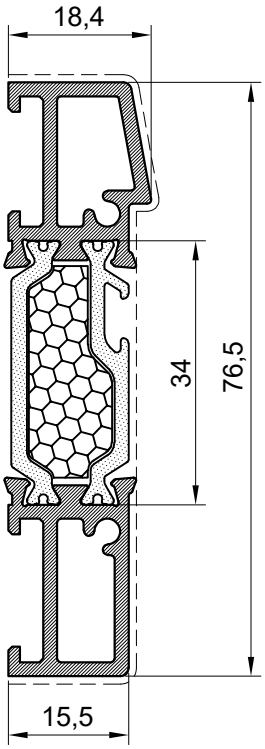
Profil kombatute-otv.vani Flying mullion outward opening		
Art.Br. Art.No.	**FT-0572F**	
Težina Weight	kg/m'	**1.472**
Opseg Perimeter	mm	**333.00**
Moment inercije Moments of inertia	Ix (cm^4)	**25.65**
	Iy (cm^4)	**9.24**
	Wx (cm^3)	**6.50**
	Wy (cm^3)	**2.90**
L	mm	**6500**



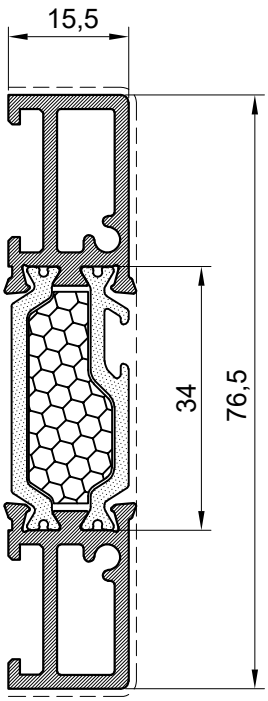
Umetak rama-otvaranje vani Frame add. profile-outward opening		
Art.Br. Art.No.	**FT-0573F**	
Težina Weight	kg/m'	**1.568**
Opseg Perimeter	mm	**400.49**
Moment inercije Moments of inertia	Ix (cm^4)	**30.12**
	Iy (cm^4)	**11.53**
	Wx (cm^3)	**7.99**
	Wy (cm^3)	**3.48**
L	mm	**6500**



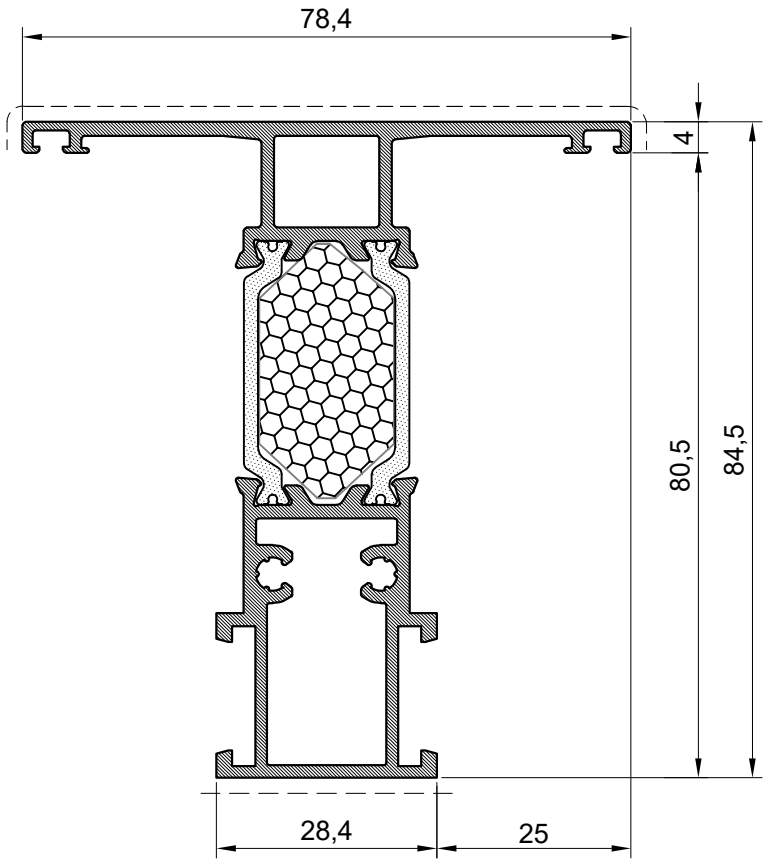
Umetak rama-otvaranje unutra Frame add. profile-inward opening		
Art.Br. Art.No.	**F-1222**	
Težina Weight	kg/m'	**0.327**
Opseg Perimeter	mm	**121.95**
L	mm	**6500**



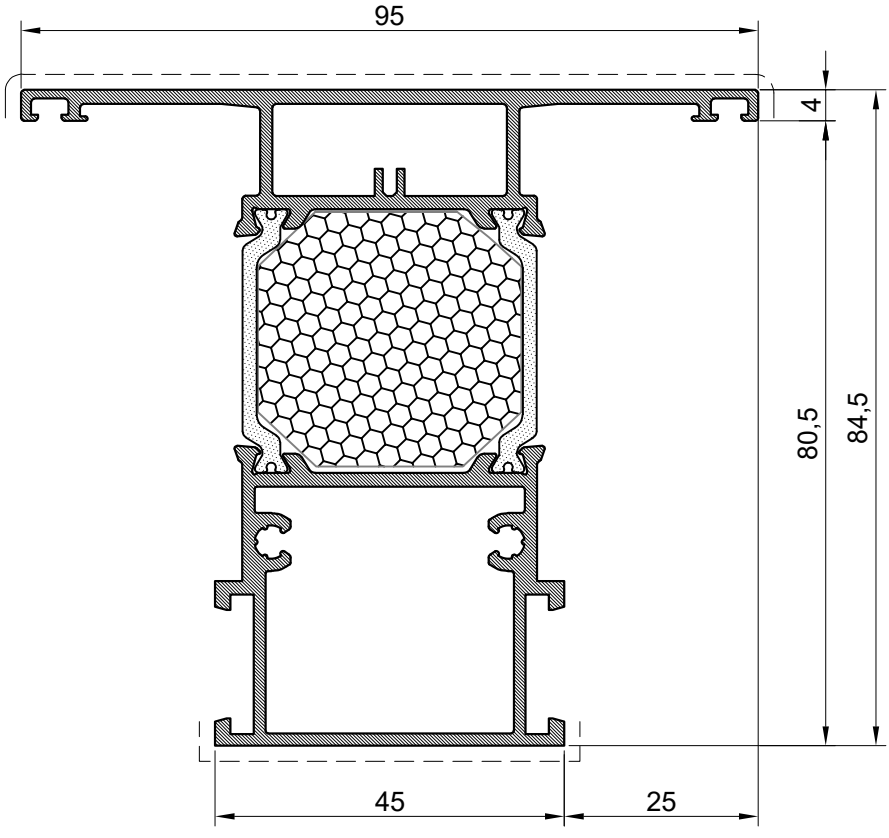
Profil praga-otvaranje unutra Threshold profile - inward opening		
Art.Br. Art.No.	**FT-0584F**	
Težina Weight	kg/m'	**1.06**
Opseg Perimeter	mm	**239**
Moment inercije Moments of inertia	Ix (cm^4)	**16.32**
	Iy (cm^4)	**0.84**
	Wx (cm^3)	**5.79**
	Wy (cm^3)	**0.86**
L	mm	**6500**



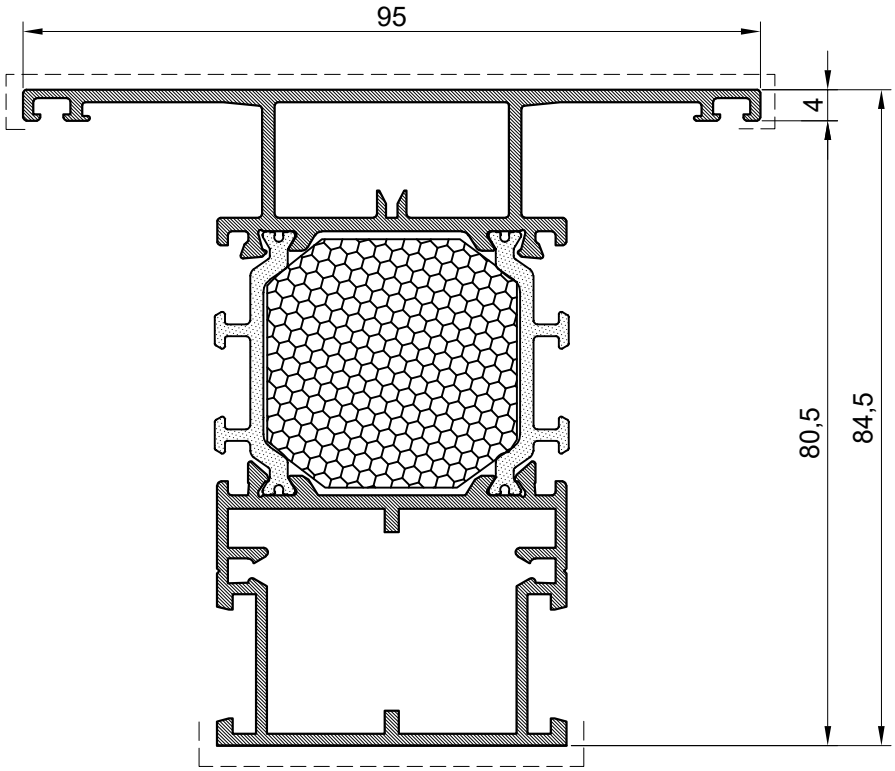
Profil praga-otvaranje vani Threshold profile - outward opening		
Art.Br. Art.Nr.	**FT-0585F**	
Težina Weight	kg/m'	**1.04**
Opseg Perimeter	mm	**231.15**
Moment inercije Moments of inertia	Ix (cm^4)	**16.04**
	Iy (cm^4)	**0.74**
	Wx (cm^3)	**5.75**
	Wy (cm^3)	**0.82**
L	mm	**6500**



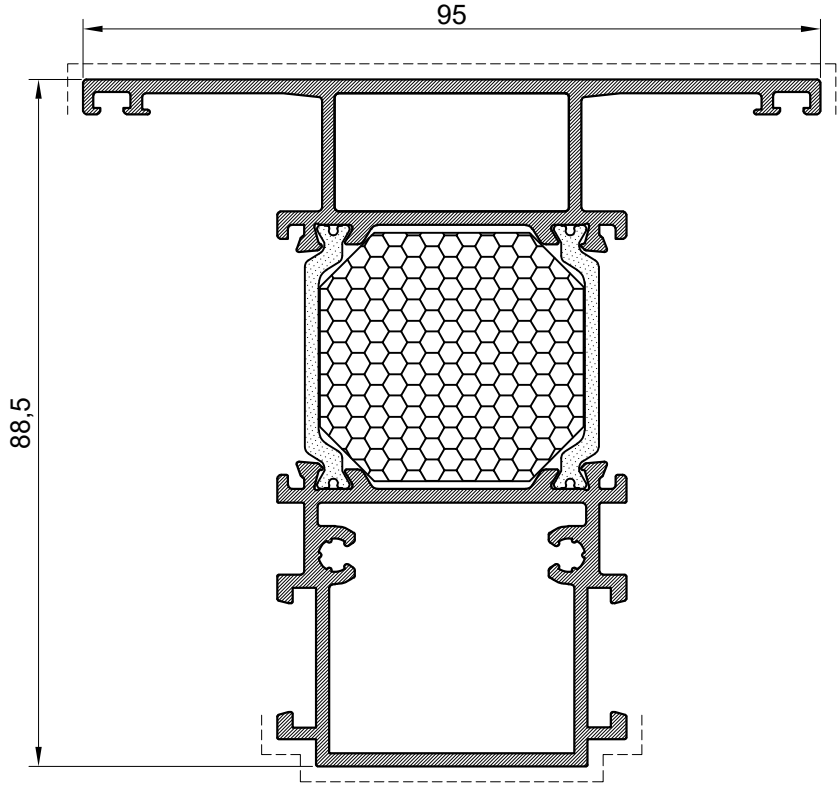
Profil prečke Transom profile		
Art.Br. Art.No.	**FT-0574F**	
Težina Weight	kg/m'	**1.65**
Opseg Perimeter	mm	**410.37**
Moment inercije Moments of inertia	Ix (cm^4)	**37.64**
	Iy (cm^4)	**11.04**
	Wx (cm^3)	**10.69**
	Wy (cm^3)	**2.82**
L	mm	**6500**



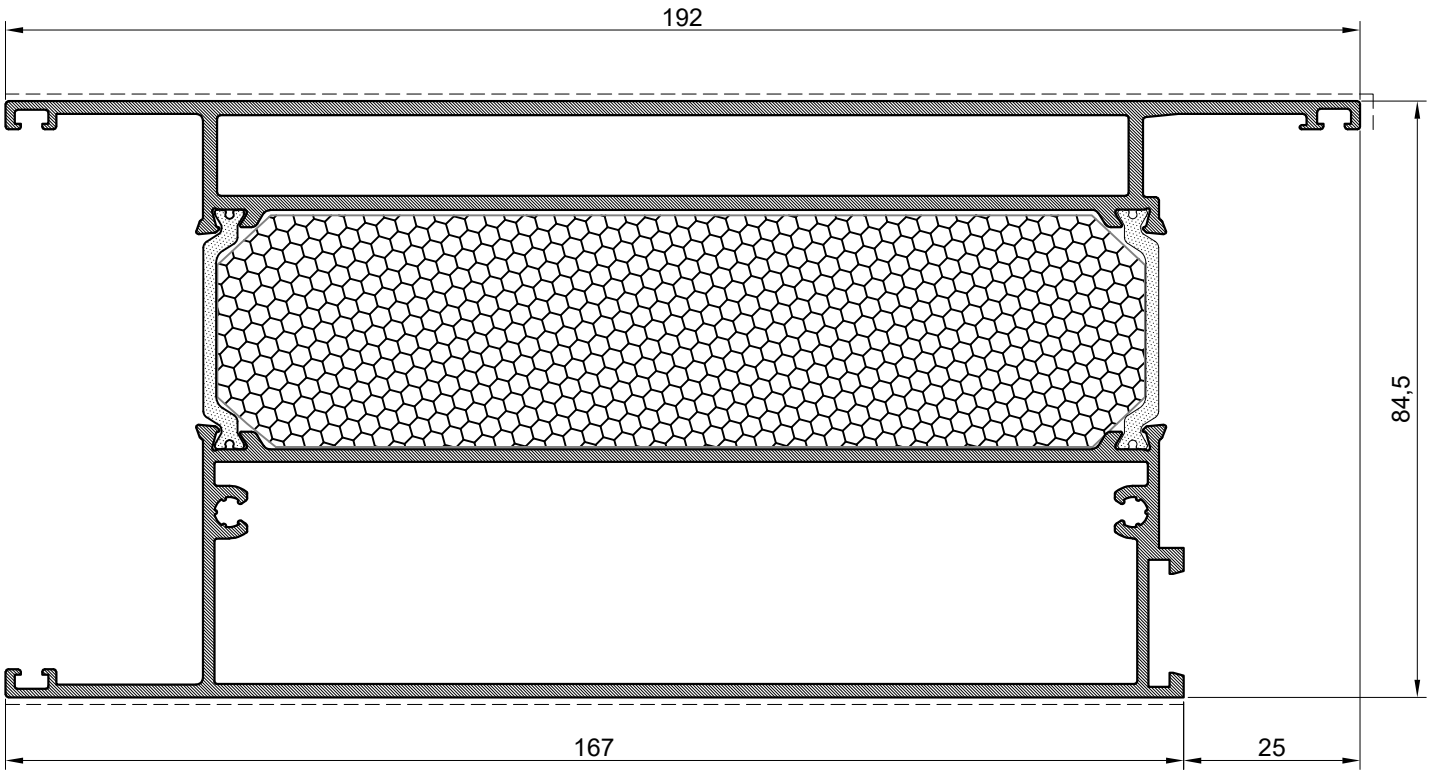
Profil prečke Transom profile		
Art.Br. Art.No.	**FT-0575F**	
Težina Weight	kg/m'	**1.970**
Opseg Perimeter	mm	**443.53**
Moment inercije Moments of inertia	Ix (cm^4)	**46.60**
	Iy (cm^4)	**25.03**
	Wx (cm^3)	**13.11**
	Wy (cm^3)	**5.27**
L	mm	**6500**



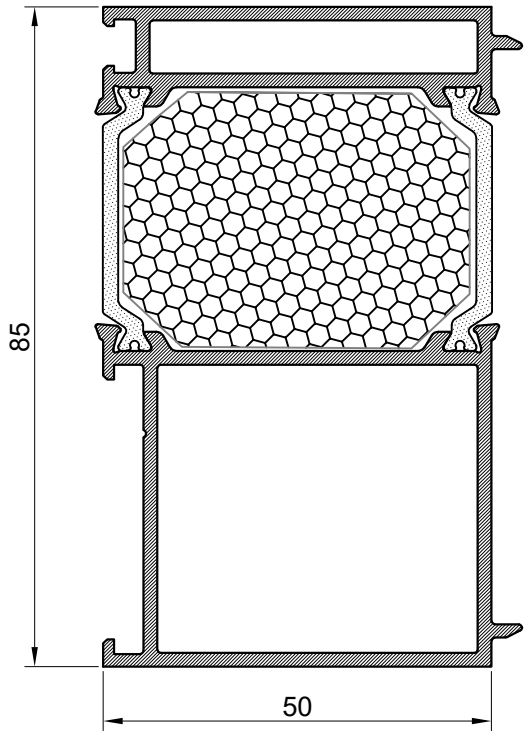
Profil prečke-otvarajuće nadsvjetlo Transom profile-tilt top light		
Art.Br. Art.No.	**FT-2577F**	
Težina Weight	kg/m'	**1.937**
Opseg Perimeter	mm	**533**
Moment inercije Moments of inertia	Ix (cm^4)	**44.94**
	Iy (cm^4)	**25.2**
	Wx (cm^3)	**12.64**
	Wy (cm^3)	**5.31**
L	mm	**6500**



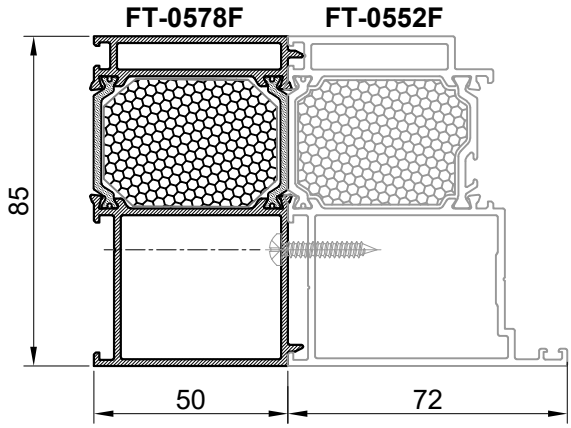
Profil prečke-VP vrata obostrano ravni lim Transom profile-VP door both side hidden sash		
Art.Br. Art.Nr.	**FT-0580F**	
Težina Weight	kg/m'	**2.130**
Opseg Perimeter	mm	**493.70**
Moment inercije Moments of inertia	Ix (cm4)	**53.30**
	Iy (cm4)	**28.44**
	Wx (cm3)	**14.38**
	Wy (cm3)	**5.99**
L	mm	**6500**

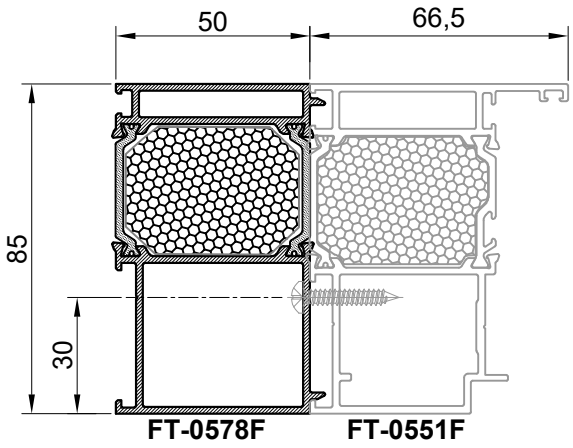


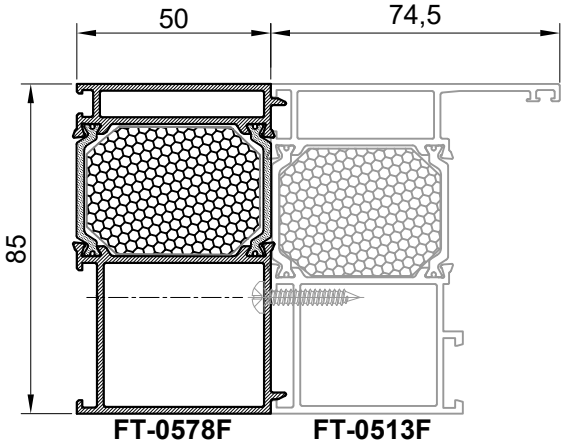
Parapetna prečka Transom-bottom sash and frame profile		
Art.Br. Art.No.	**FT-0576F**	
Težina Weight	kg/m'	**4.15**
Opseg Perimeter	mm	**675.23**
Moment inercije Moments of inertia	Ix (cm^4)	**114.34**
	Iy (cm^4)	**383.10**
	Wx (cm^3)	**32.90**
	Wy (cm^3)	**39.01**
L	mm	**6500**

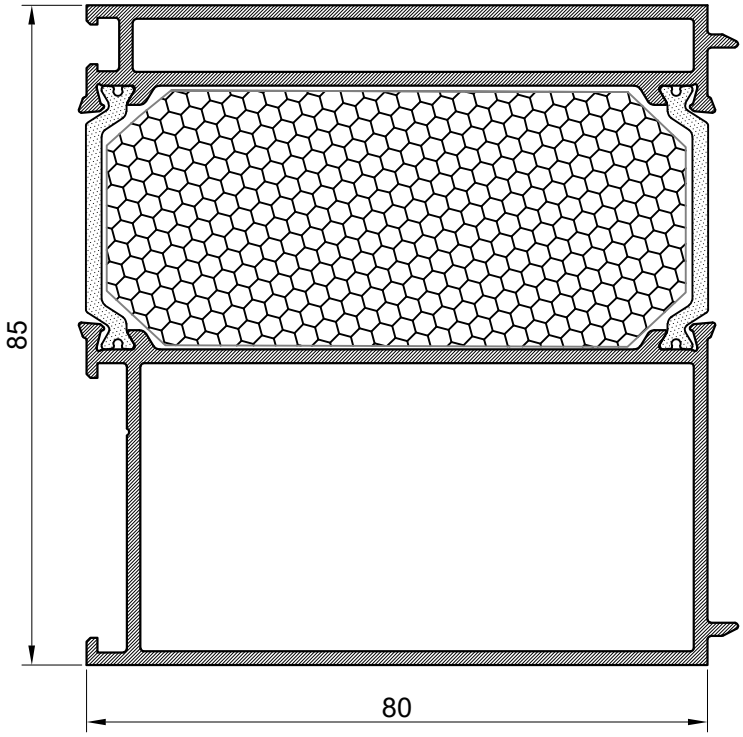


Profil proširenja rama Profile extension frame		
Art.Br. Art.No.	**FT-0578F**	
Težina Weight	kg/m'	**1.749**
Opseg Perimeter	mm	**309**
Moment inercije Moments of inertia	Ix (cm^4)	**41.85**
	Iy (cm^4)	**18.21**
	Wx (cm^3)	**12.32**
	Wy (cm^3)	**6.50**
L	mm	**6500**

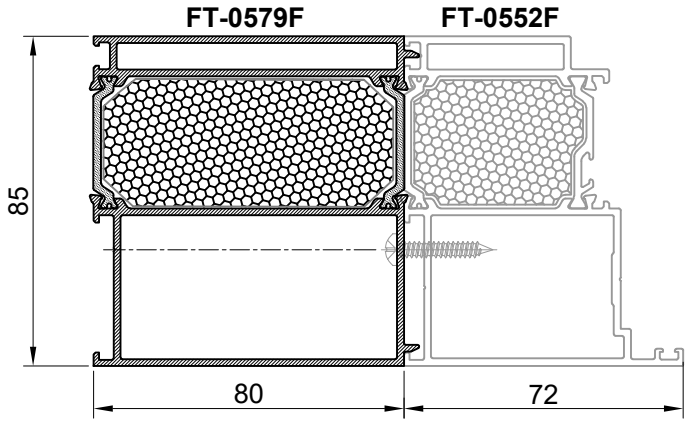


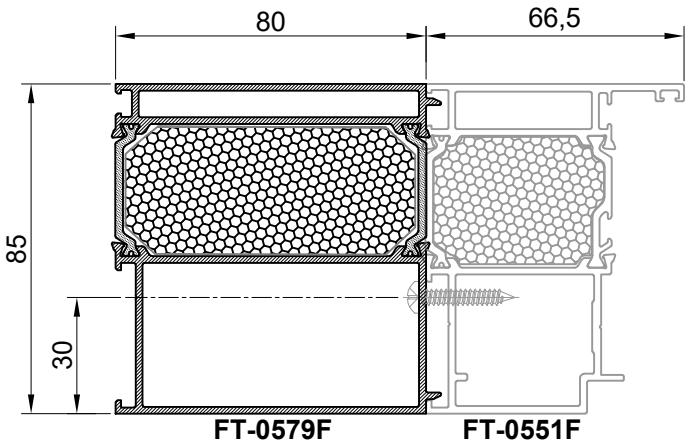


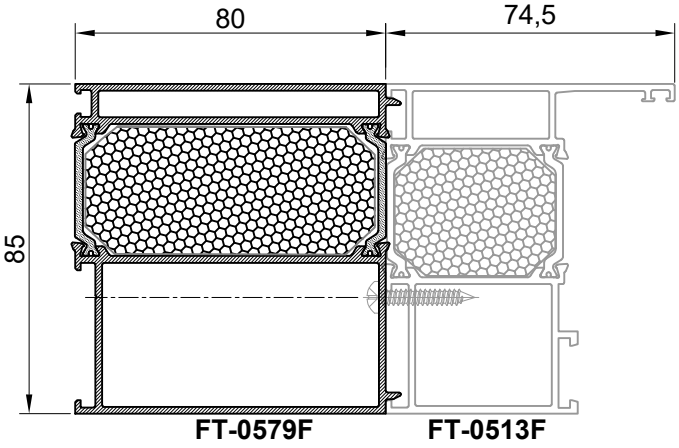


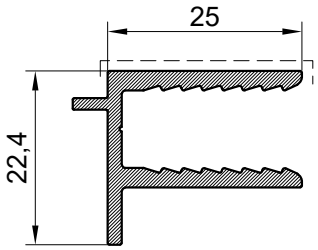


Profil proširenja rama Profile extension frame		
Art.Br. Art.No.	**FT-0579F**	
Težina Weight	kg/m'	**2.317**
Opseg Perimeter	mm	**369.00**
Moment inercije Moments of inertia	Ix (cm^4)	**59.31**
	Iy (cm^4)	**60.58**
	Wx (cm^3)	**16.95**
	Wy (cm^3)	**14.03**
L	mm	**6500**

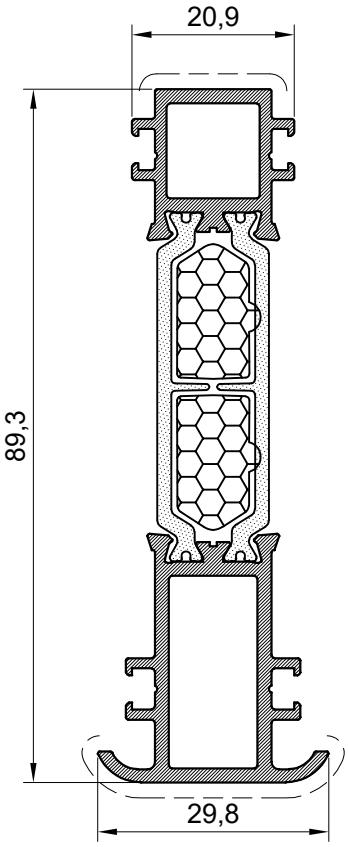








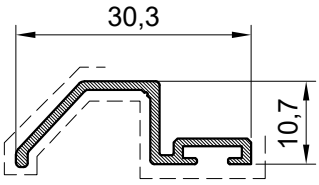
Al profil Al profile		
Art.Br. Art.No.	**F-1232**	
Težina Weight	kg/m'	**0.405**
Opseg Perimeter	mm	**153.39**
L	mm	**6500**



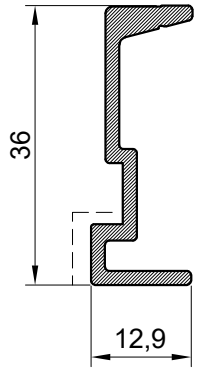
Al profil Al profile		
Art.Br. Art.No.	**FT-0540F**	
Težina Weight	kg/m'	**1.135**
Opseg Perimeter	mm	**309**
Moment inercije Moments of inertia	Ix (cm4)	**27.51**
	Iy (cm4)	**1.60**
	Wx (cm3)	**7.56**
	Wy (cm3)	**1.07**
L	mm	**6500**



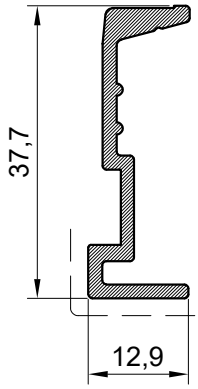
Al profil-okapnica Al profile-drip cap		
Art.Br. Art.No.	**F-0970**	
Težina Weight	kg/m'	**0.1**
Opseg Perimeter	mm	**56**
L	mm	**6500**



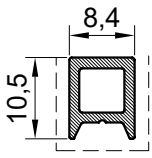
Al profil-okapnica Al profile-drip cap		
Art.Br. Art.No.	**F-1200**	
Težina Weight	kg/m'	**0.160**
Opseg Perimeter	mm	**105.74**
L	mm	**6500**



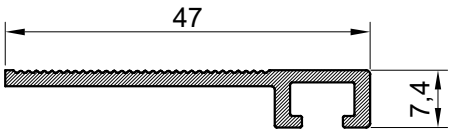
Al profil Al profile		
Art.Br. Art.No.	**F-1223**	
Težina Weight	kg/m'	**0.337**
Opseg Perimeter	mm	**124.45**
L	mm	**6500**



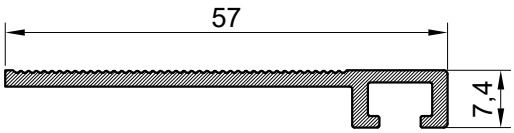
Al profil Al profile		
Art.Br. Art.No.	**F-1486**	
Težina Weight	kg/m'	**0.345**
Opseg Perimeter	mm	**129.43**
L	mm	**6500**



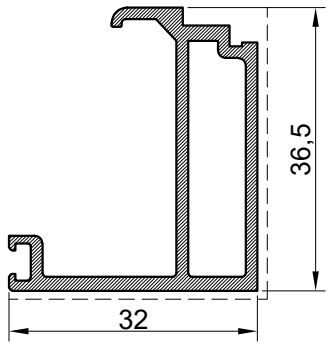
Al profil Al profile		
Art.Br. Art.No.	**F-1188**	
Težina Weight	kg/m'	**0.114**
Opseg Perimeter	mm	**40.1**
L	mm	**6500**



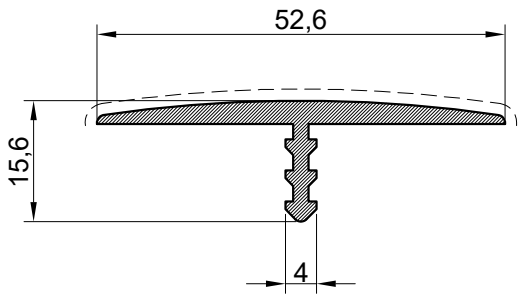
Al profil Al profile		
Art.Br. Art.No.	**F-1093**	
Težina Weight	kg/m'	**0.313**
Opseg Perimeter	mm	**132.00**
L	mm	**6500**



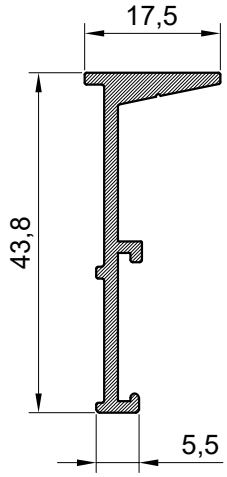
Al profil Al profile		
Art.Br. Art.No.	**F-1205**	
Težina Weight	kg/m'	**0.354**
Opseg Perimeter	mm	**154.74**
L	mm	**6500**



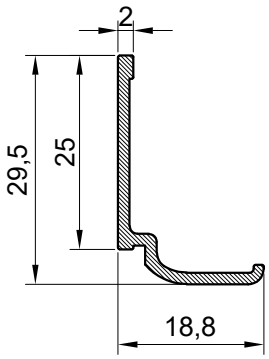
Al profil Al profile		
Art.Br. Art.No.	**FB-41**	
Težina Weight	kg/m'	**0.535**
Opseg Perimeter	mm	**172.00**
L	mm	**6500**



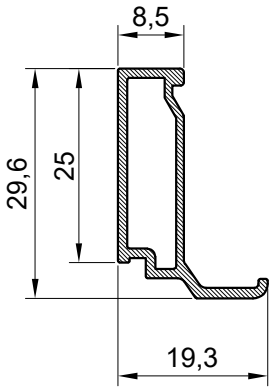
Al profil Al profile		
Art.Br. Art.No.	**F-0978**	
Težina Weight	kg/m'	**0.420**
Opseg Perimeter	mm	**140.00**
L	mm	**6500**



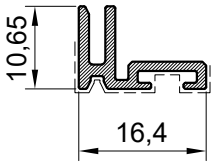
Al profil Al profile		
Art.Br. Art.No.	**F-1543**	
Težina Weight	kg/m'	**0.359**
Opseg Perimeter	mm	**138.25**
L	mm	**6500**



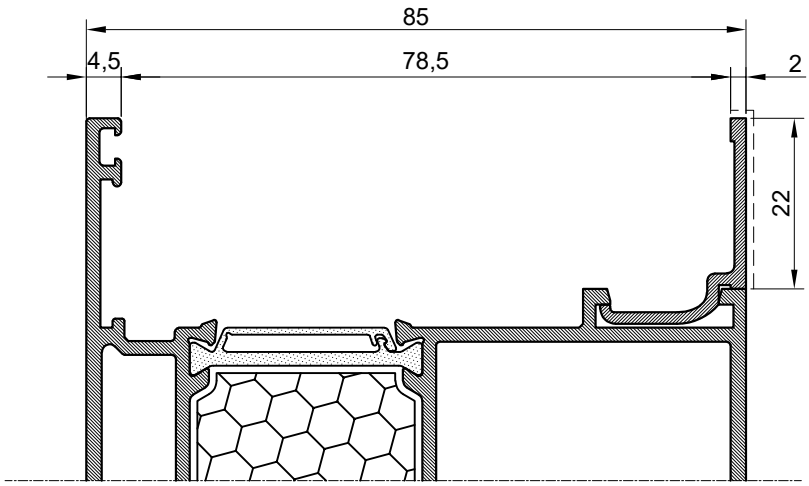
Al profil Al profile		
Art.Br. Art.No.	**F-1544**	
Težina Weight	kg/m'	**0.192**
Opseg Perimeter	mm	**95.02**
L	mm	**6500**



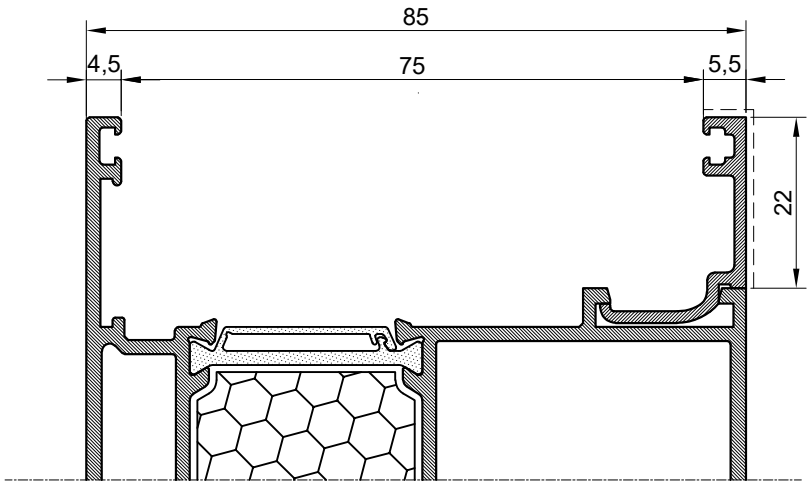
Al profil Al profile		
Art.Br. Art.No.	**F-1545**	
Težina Weight	kg/m'	**0.255**
Opseg Perimeter	mm	**98.23**
L	mm	**6500**



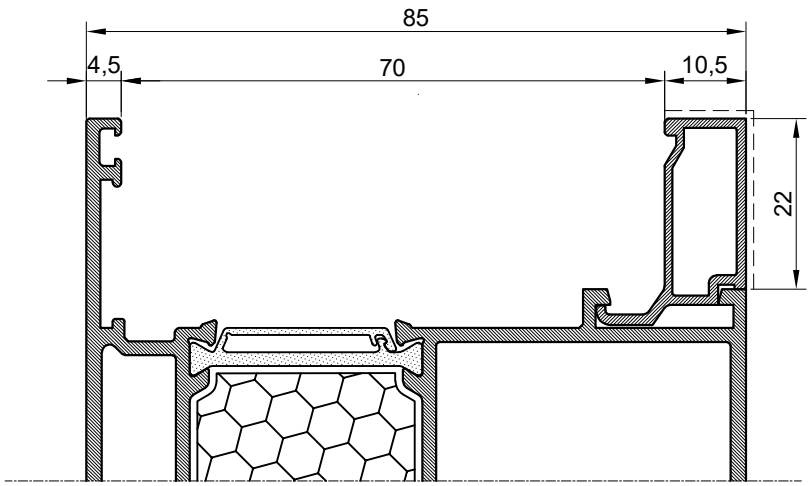
Al profil Al profile		
Art.Br. Art.No.	**F-1596**	
Težina Weight	kg/m'	**0.142**
Opseg Perimeter	mm	**84.47**
L	mm	**6500**



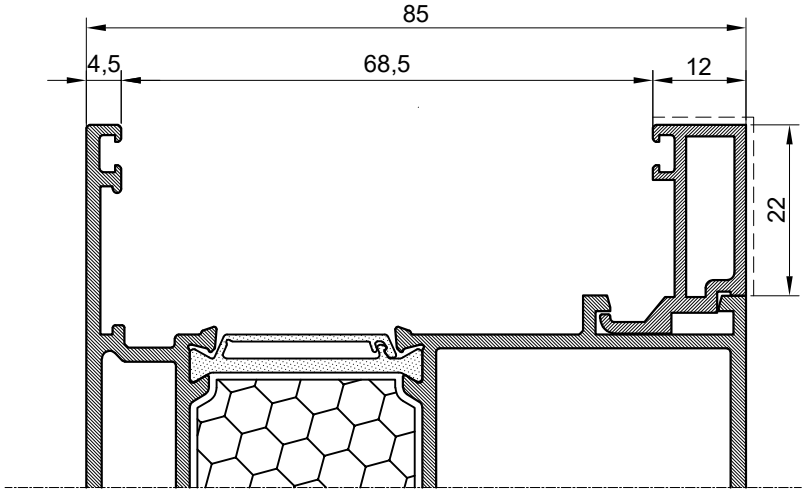
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-660**	
Težina Weight	kg/m'	**0.179**
Opseg Perimeter	mm	**89.00**
L	mm	**6500**



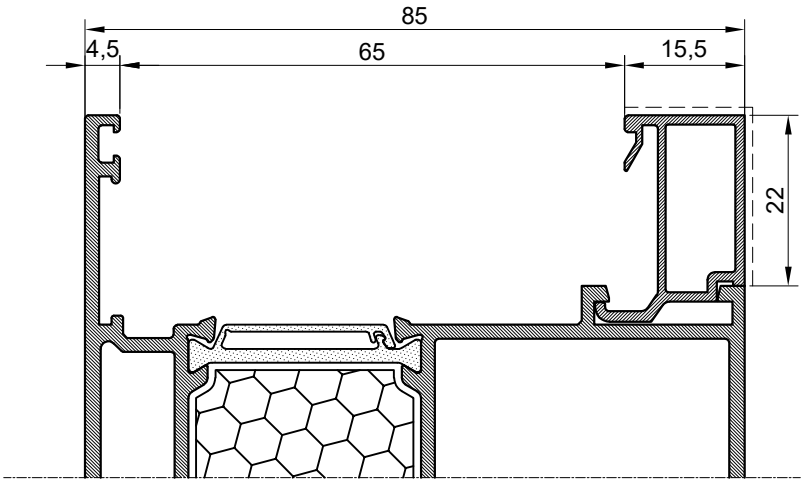
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-656**	
Težina Weight	kg/m'	**0.215**
Opseg Perimeter	mm	**107.00**
L	mm	**6500**



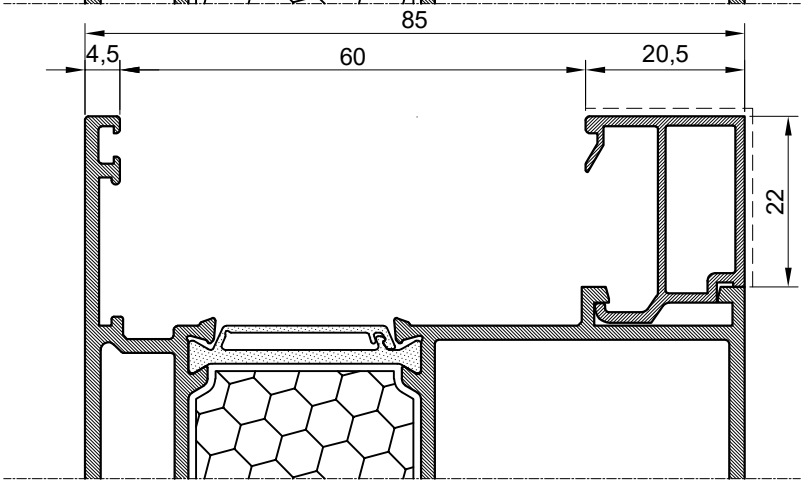
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-664**	
Težina Weight	kg/m'	**0.243**
Opseg Perimeter	mm	**93.00**
L	mm	**6500**



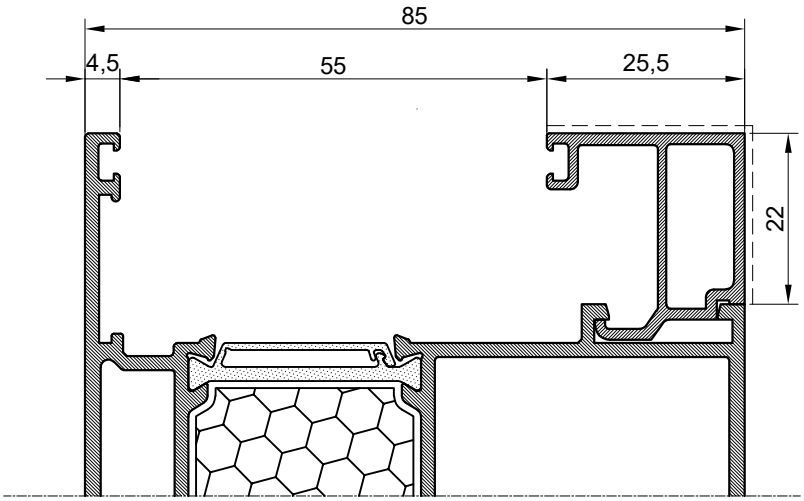
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**F-0784**	
Težina Weight	kg/m'	**0.330**
Opseg Perimeter	mm	**105.40**
L	mm	**6500**



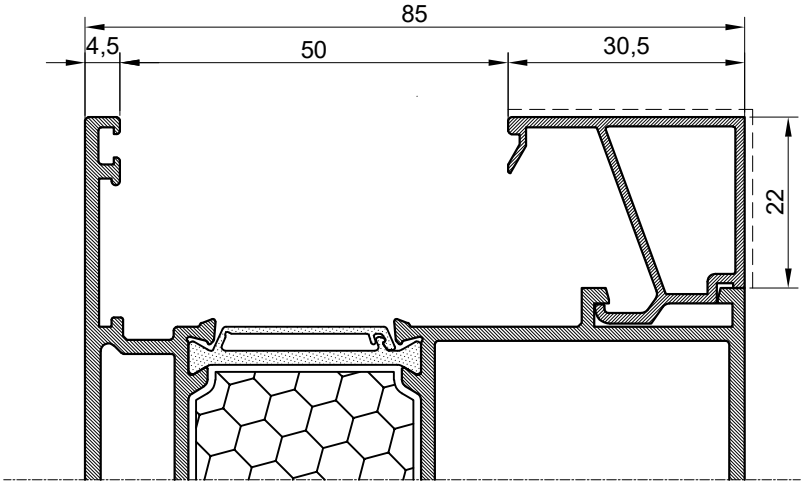
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-665**	
Težina Weight	kg/m'	**0.271**
Opseg Perimeter	mm	**112.00**
L	mm	**6500**



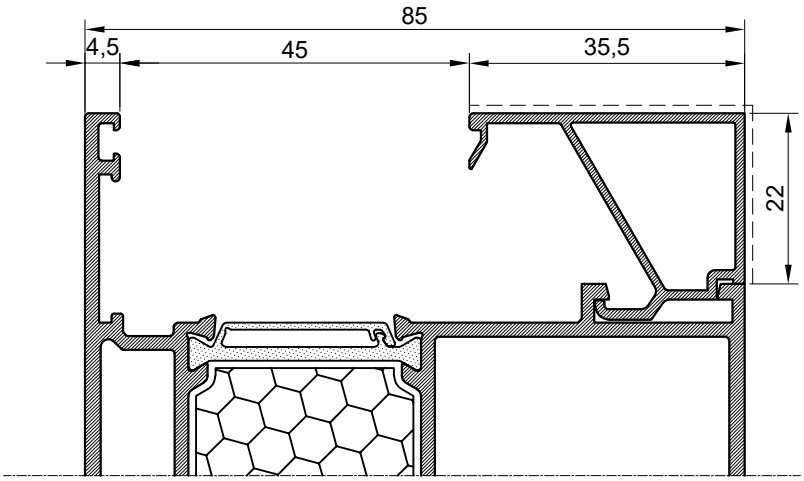
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-666**	
Težina Weight	kg/m'	**0.289**
Opseg Perimeter	mm	**122.00**
L	mm	**6500**



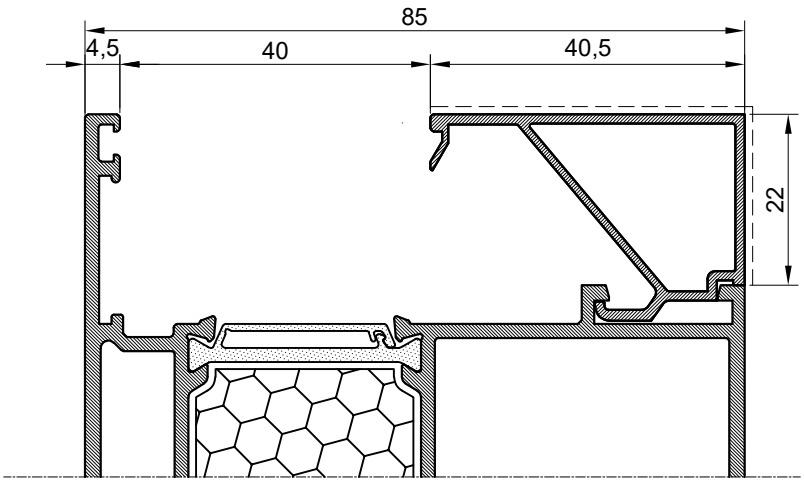
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-667**	
Težina Weight	kg/m'	**0.358**
Opseg Perimeter	mm	**139.00**
L	mm	**6500**



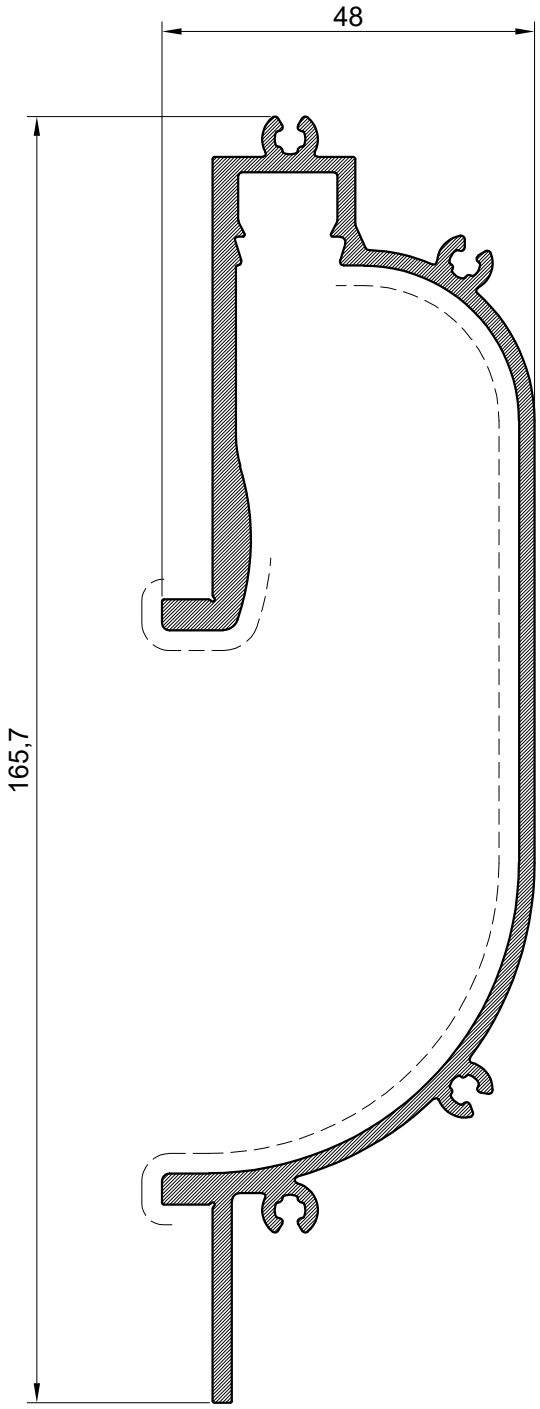
Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-668**	
Težina Weight	kg/m'	**0.320**
Opseg Perimeter	mm	**135.30**
L	mm	**6500**



Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-669**	
Težina Weight	kg/m'	**0.347**
Opseg Perimeter	mm	**143.00**
L	mm	**6500**



Staklo lajsna Glazing bead		
Art.Br. Art.No.	**Z40-670**	
Težina Weight	kg/m'	**0.373**
Opseg Perimeter	mm	**150.14**
L	mm	**6500**

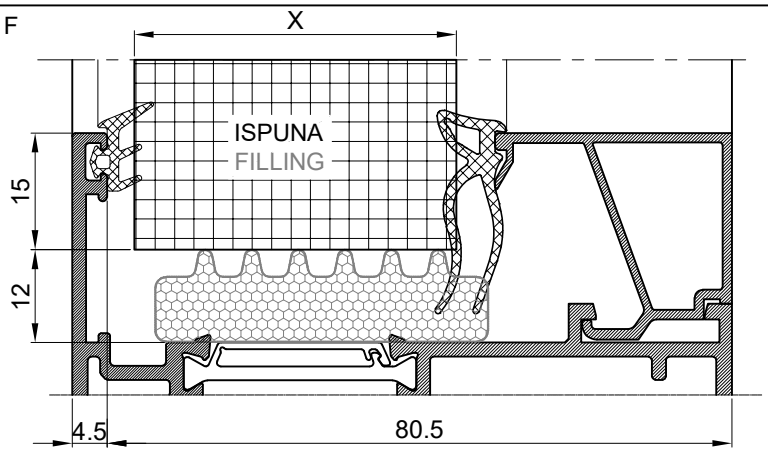


Profil skrivenog rukohvata Concealed handle profile		
Art.Br. Art.No.	**F-1880**	
Težina Weight	kg/m'	**2.144**
Opseg Perimeter	mm	**659**
L	mm	**6500**

Prikaz stakljenja
Glazing

Prikaz stakljenja za profile: FT-0561 F; FT-0562 F; FT-0563 F FT-0564 F; FT-0557 F; FT-0513 F; FT-2555 F; FT-0575 F; FT-0576 F; FT-2577 F; FT-0580 F

Glazing for profiles: FT-0561 F; FT-0562 F; FT-0563 F FT-0564 F; FT-0557 F; FT-0513 F; FT-2555 F; FT-0575 F; FT-0576 F; FT-2577 F; FT-0580 F



Vanjske brtve
Glazing gasket-exter.

Unutarnje brtve
Glazing gasket-internal

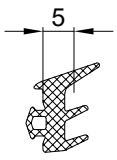
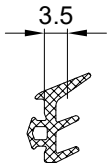
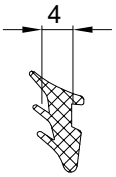
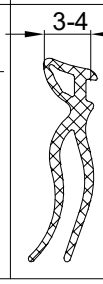
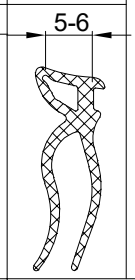
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5	3.5	4	3-4	5-6

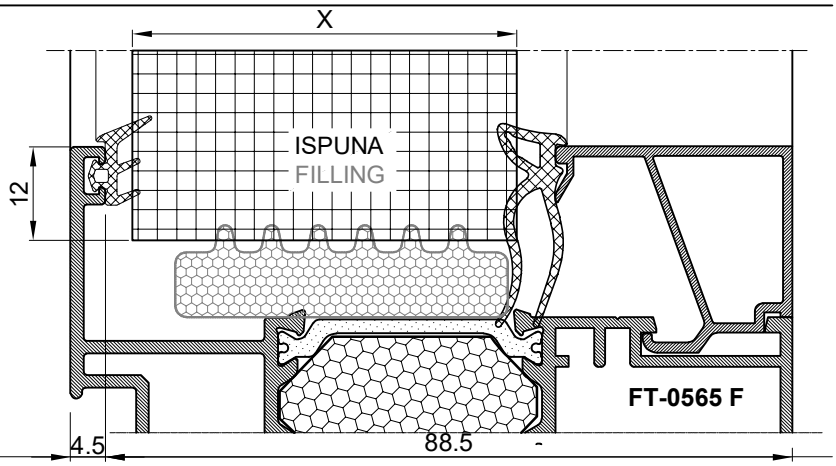
Ispuna X Filling X	Vanjska brtva Glazing gask. -external	Vanjska brtva Glazing gask. -internal	LAJSNE ZA STAKLO GLAZING BEADS			
40	328.003	311.004	Z40-653 30.5	Z40-653/B 30.5	Z40-668 30.5	
41	328.003	311.003 (318.002)				
42	328.003	311.003				
44-45	328.003	311.004	Z40-658 25.5		Z40-667 25.5	
46	328.003	318.002 (311.003)				
47	328.003	311.003				
48	328.002	311.003				
49-50	328.003	311.004	Z40-644 20.5	Z40-646 20.5	Z40-666 20.5	
51	328.003	311.003 (318.002)				
52	328.003	311.003				
53	328.002	311.003				
54-55	328.003	311.004	M45-709 15.5	M45-740 15.5	Z40-665 15.5	
56	328.003	311.003 (318.002)				
57	328.003	311.003				
58	328.002	311.003				
59-60	328.003	311.004	Z40-636 10.5	Z40-647 10.5	Z40-664 10.5	
61	328.003	311.003 (318.002)				
62	328.003	311.003				
63	328.002	311.003				
64-65	328.003	311.004	Z40-656 5.5			
66	328.003	311.003 (318.002)				
67	328.003	311.003				
68	328.003	311.004	Z40-660 2			
69-70	328.002	311.004				
71	328.002	311.003 (318.002)				

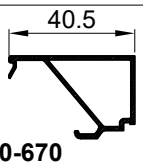
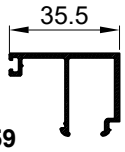
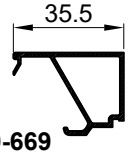
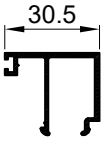
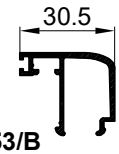
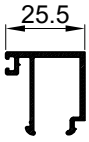
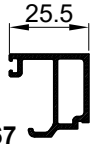
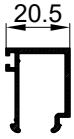
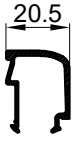
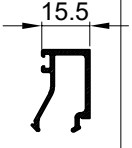
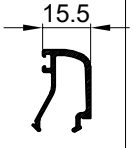
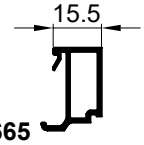
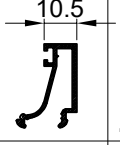
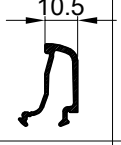
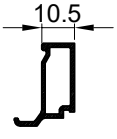
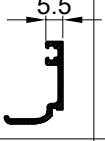
Prikaz stakljenja za krilo FT-0565 F
Glazing for sash FT-0565 F

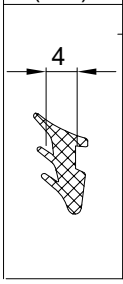
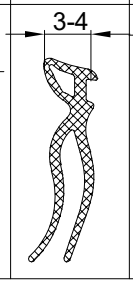
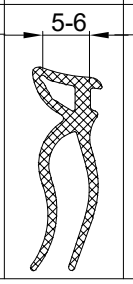
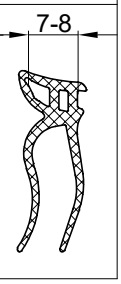
Vanjske brtve
Glazing gasket-exter.

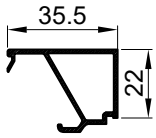
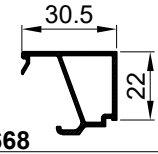
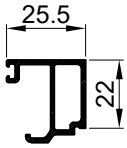
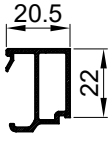
Unutarnje brtve
Glazing gasket-internal

328.003 (Z113)	328.002 (Z111)	318.002 (918)	311.003	311.004
				
5	3.5	4	3-4	5-6

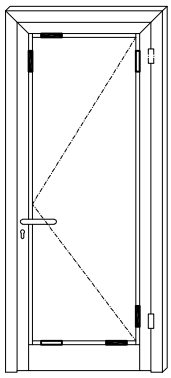
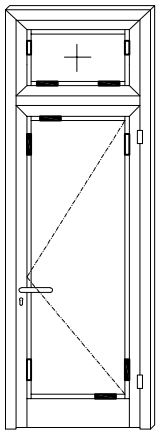
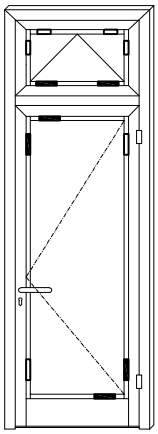
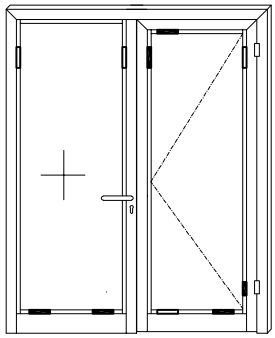
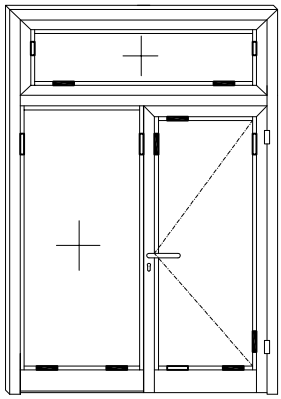
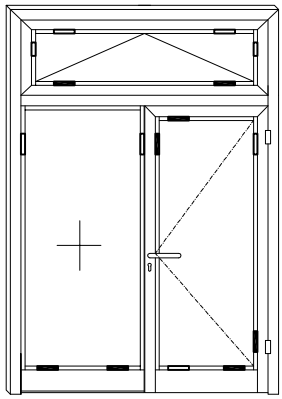
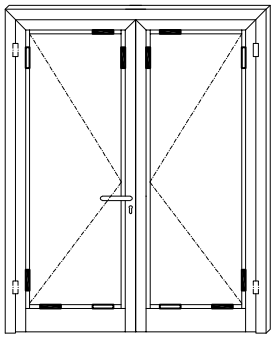
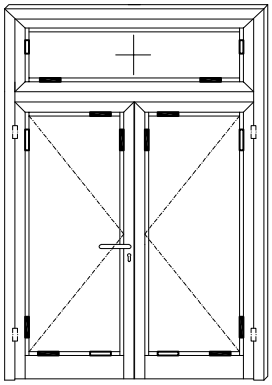
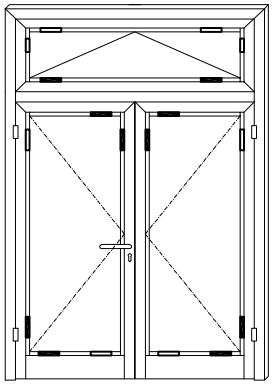
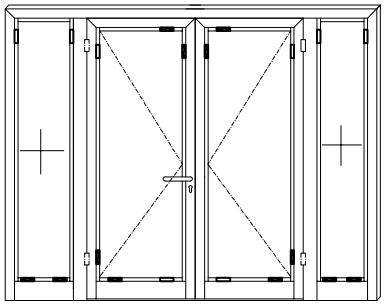
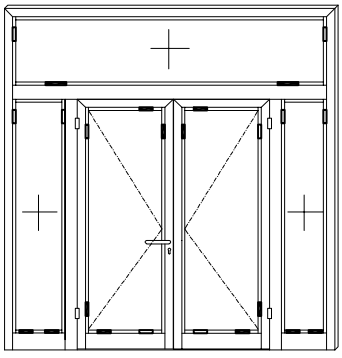
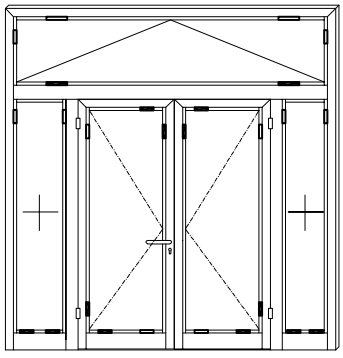


Ispuna X Filling X	Vanjska brtva Glazing gask. -external	Vanjska brtva Glazing gask. -internal	LAJSNE ZA STAKLO GLAZING BEAD			
37-38	328.003	311.004			 40.5 **Z40-670**	
39	328.003	311.003 (318.002)				
40	328.003	311.003				
42-43	328.003	311.004	 35.5 **Z40-659**		 35.5 **Z40-669**	
44	328.003	311.003 (318.002)				
45	328.003	311.003				
47-48	328.003	311.004	 30.5 **Z40-653**	 30.5 **Z40-653/B**	 30.5 **Z40-668**	
49	328.003	311.003 (318.002)				
50	328.003	311.003				
52-53	328.003	311.004	 25.5 **Z40-658**		 25.5 **Z40-667**	
54	328.003	311.003 (318.002)				
55	328.003	311.003				
57-58	328.003	311.004	 20.5 **Z40-644**	 20.5 **Z40-646**	 20.5 **Z40-666**	
59	328.003	311.003 (318.002)				
60	328.003	311.003				
62-63	328.003	311.004	 15.5 **M45-709**	 15.5 **M45-740**	 15.5 **Z40-665**	
64	328.003	311.003 (318.002)				
65	328.003	311.003				
67-68	328.003	311.004	 10.5 **Z40-636**	 10.5 **Z40-647**	 10.5 **Z40-664**	
69	328.003	311.003 (318.002)				
70	328.003	311.003				
72-73	328.003	311.004	 5.5 **Z40-656**			
74	328.003	311.003 (318.002)				
75	328.002	311.003				

Unutarnje brtve Glazing gasket-internal			
318.002 (918)	311.003	311.004	311.005
			

Ispuna X Filling X	Vanjska brtva External gasket	Unutarnja brtva Glazing gasket-internal	LAJSNA ZA STAKLO GLAZING BEAD
42	348.003	311.005	 **Z40-669**
44	348.003	311.004	
46	348.003	311.003 (318.002)	
48	348.003	311.004	 **Z40-668**
50	348.003	318.002	
52	348.003	311.005	 **Z40-667**
54	348.003	311.004	
56	348.003	311.003 (318.002)	
58	348.003	311.004	 **Z40-666**
60	348.003	318.002	

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

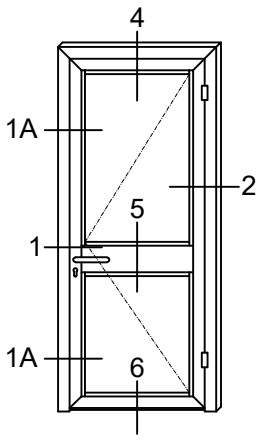













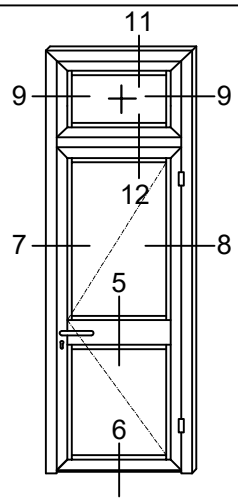
Materijal podmetača: PVC
Material packers: PVC

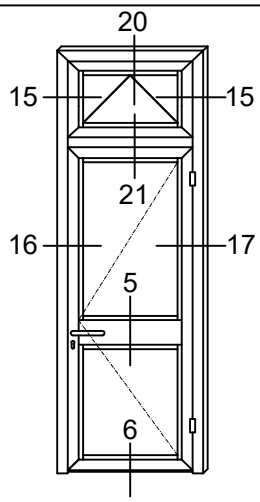
nosivi podmetač
support packer

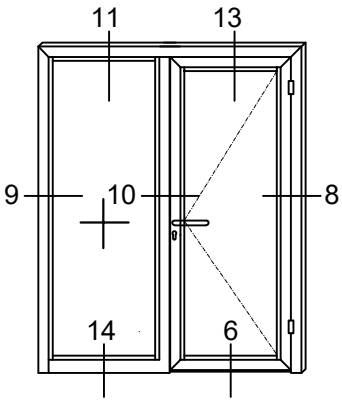
odstojni podmetač
distance packer

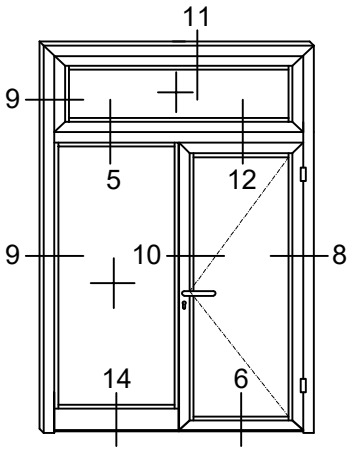
Presjeci
Cross sections

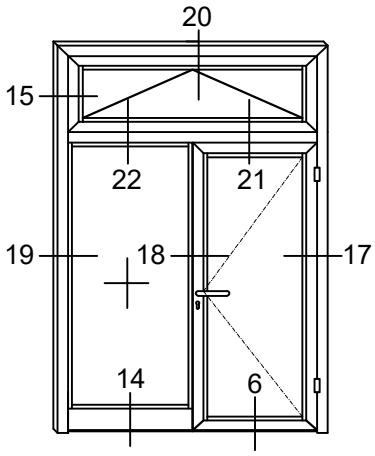

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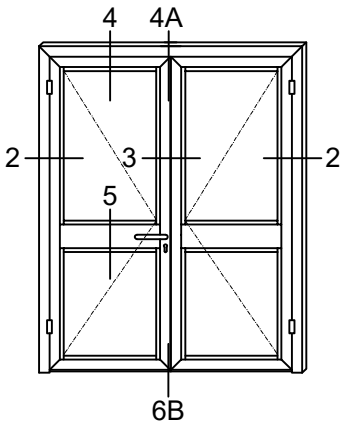

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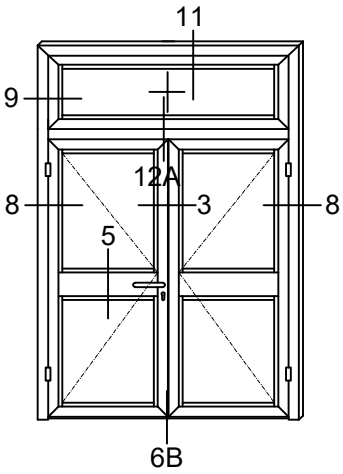

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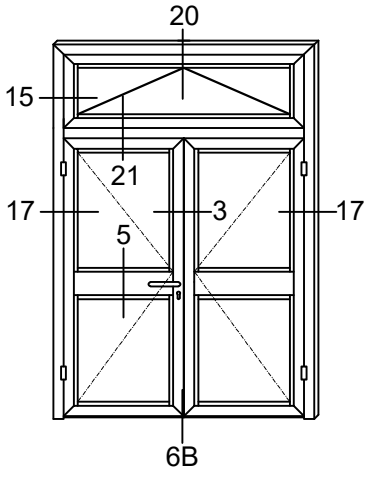

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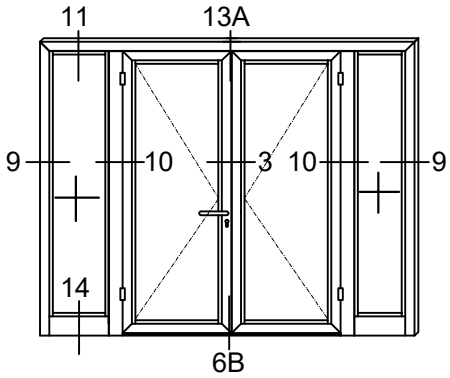

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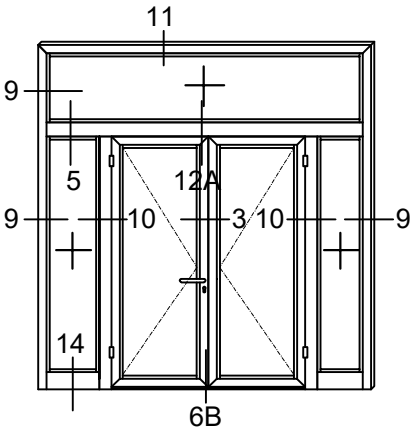

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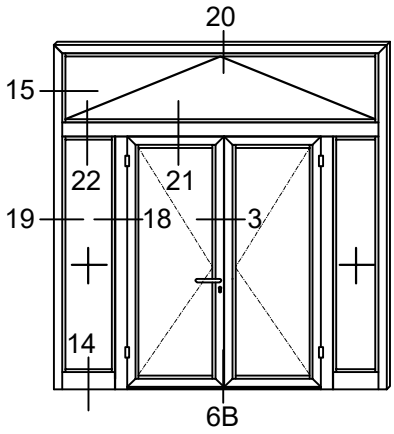

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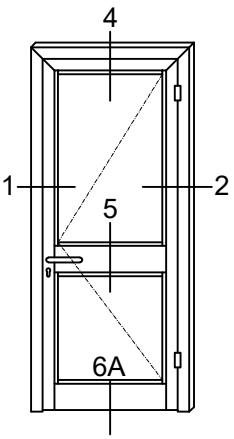

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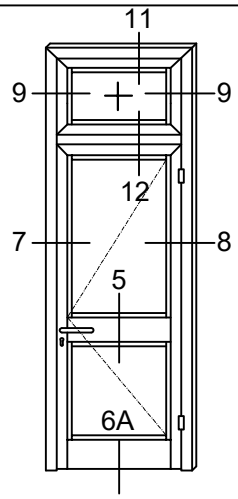

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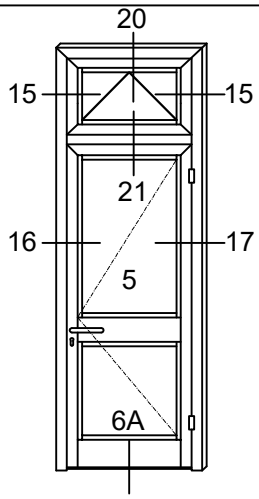

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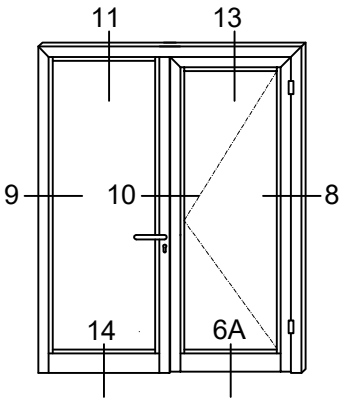

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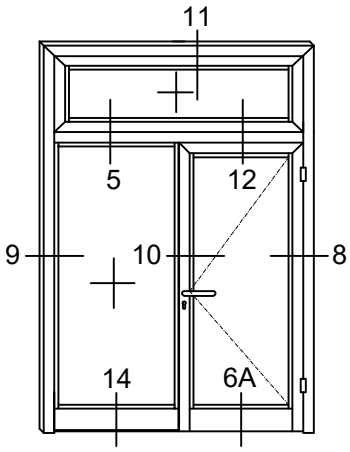

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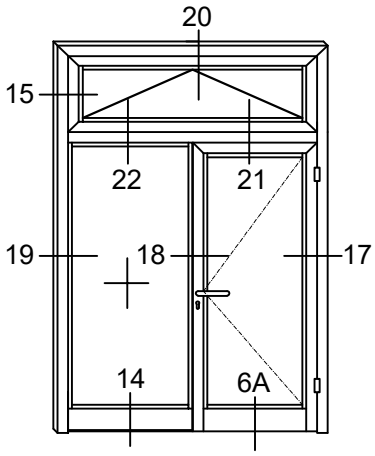

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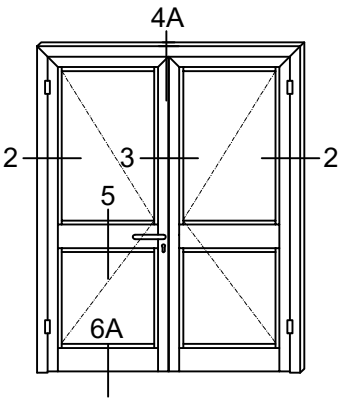

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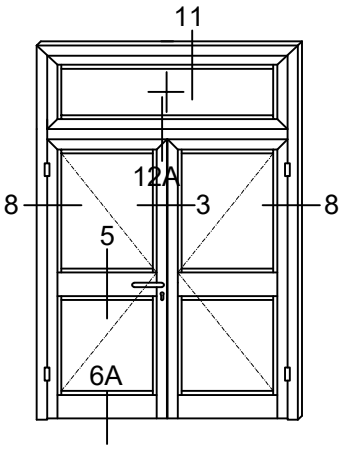

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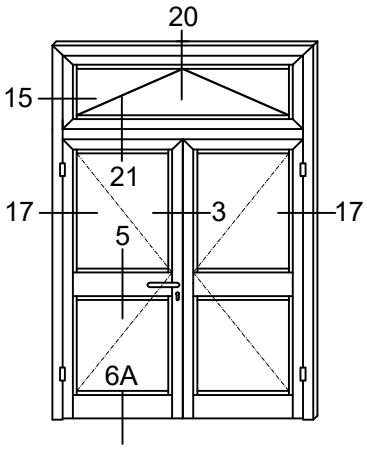

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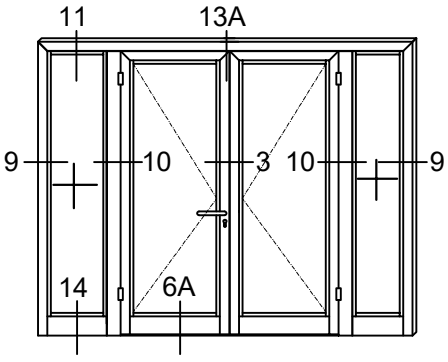

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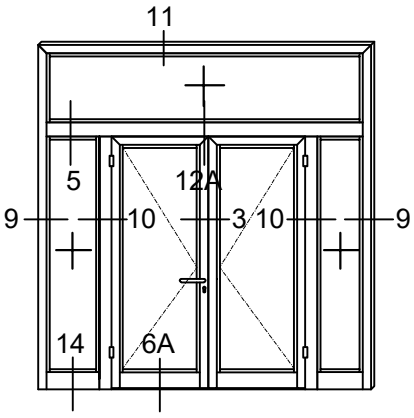

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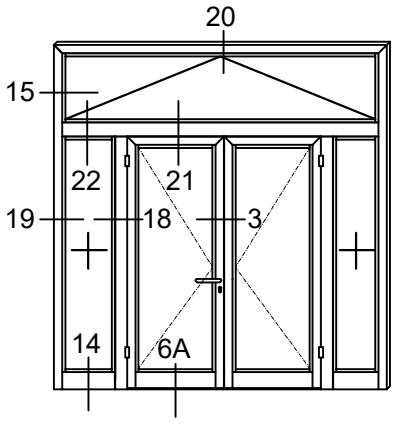

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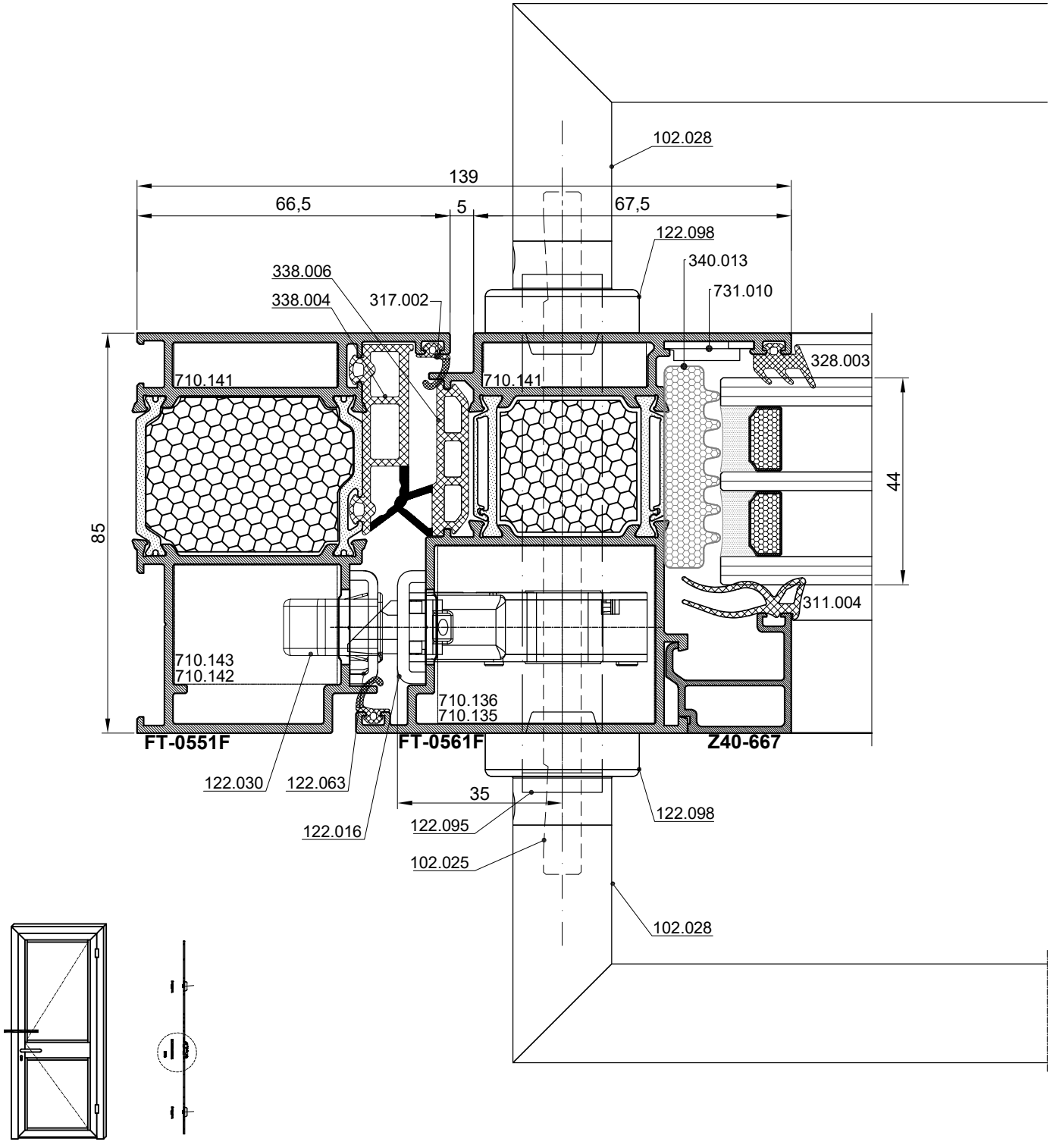

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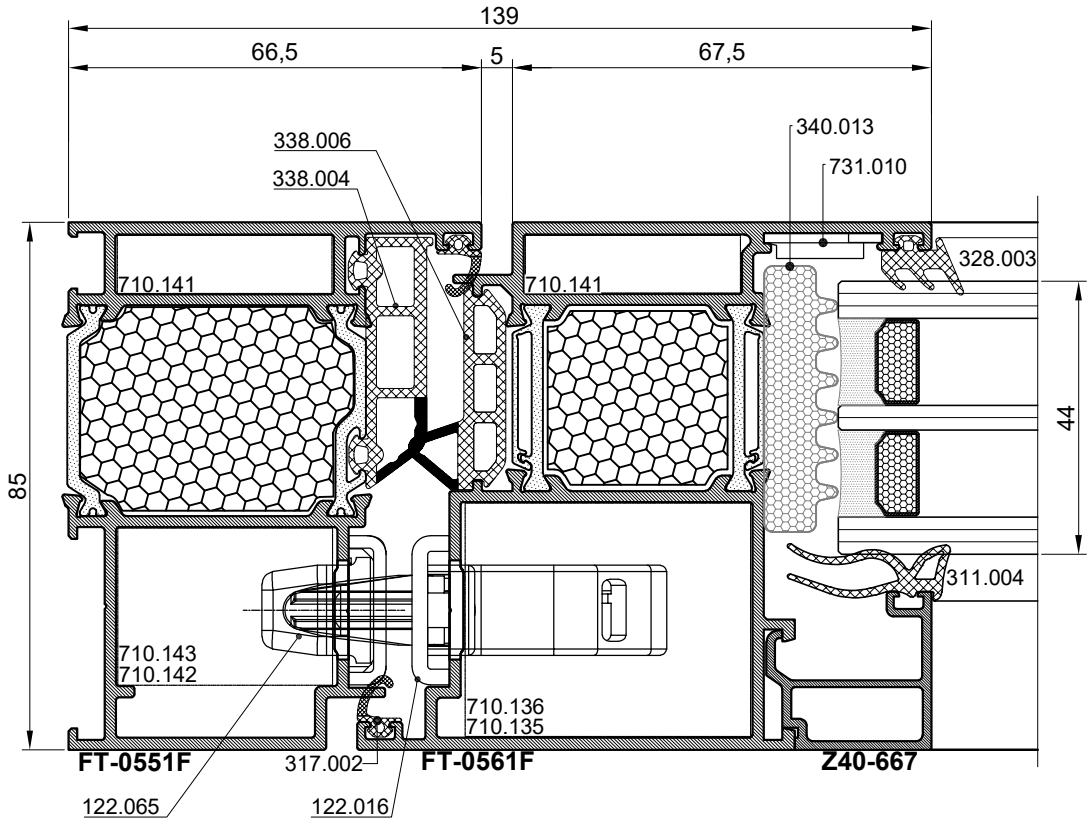

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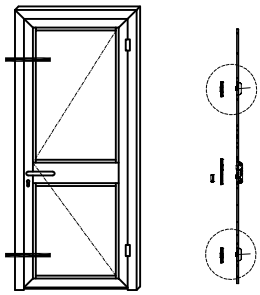
PRESJEK-1
CROSS SECTION-1



Napomena: Krilo FT-0561F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0561F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

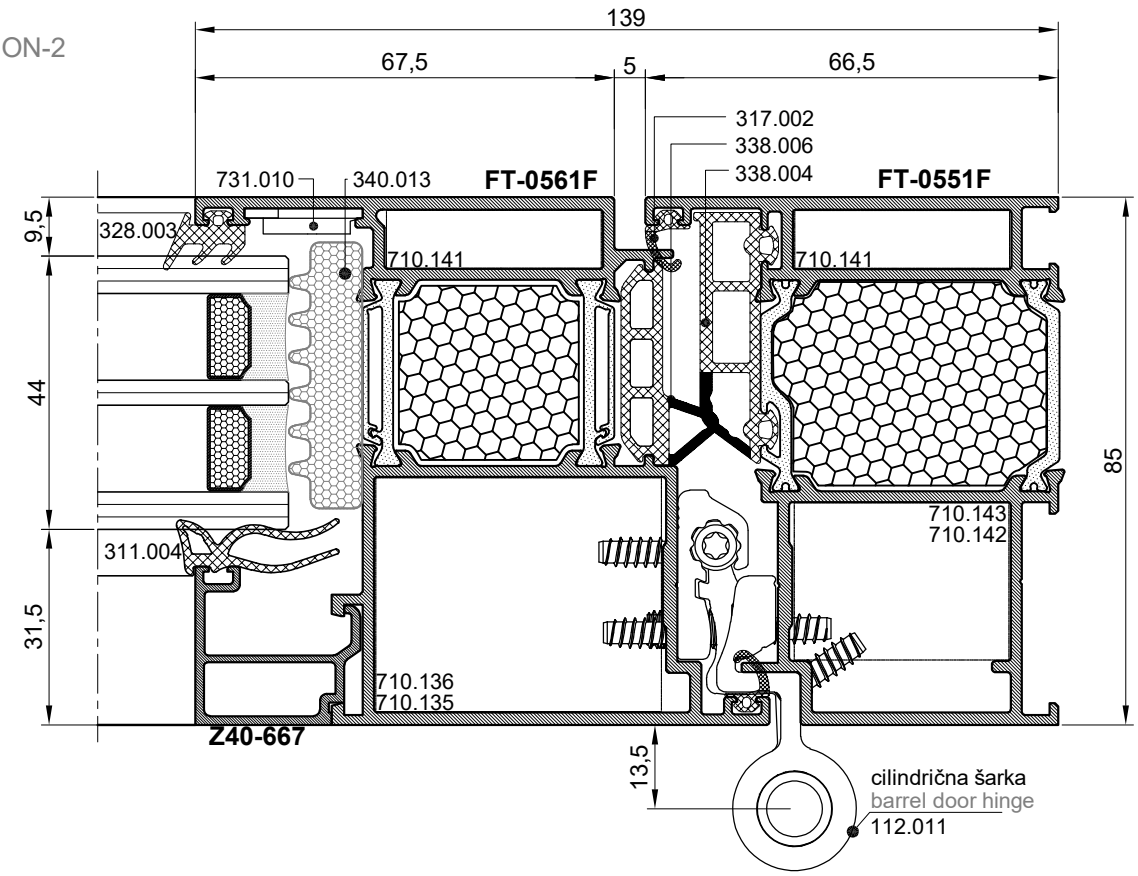
PRESJEK-1A
CROSS SECTION-1A



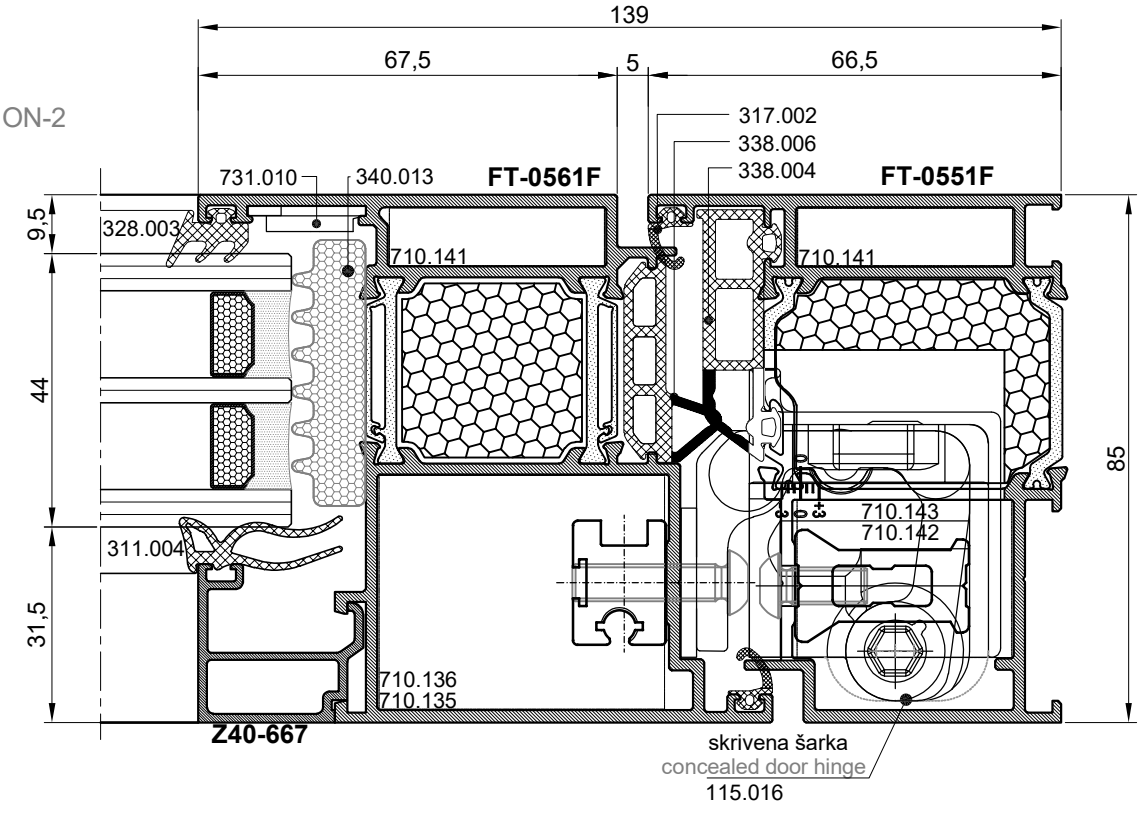


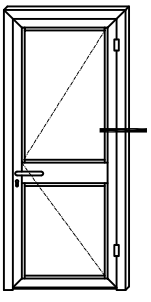
Napomena: Krilo FT-0561F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0561F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-2
CROSS SECTION-2



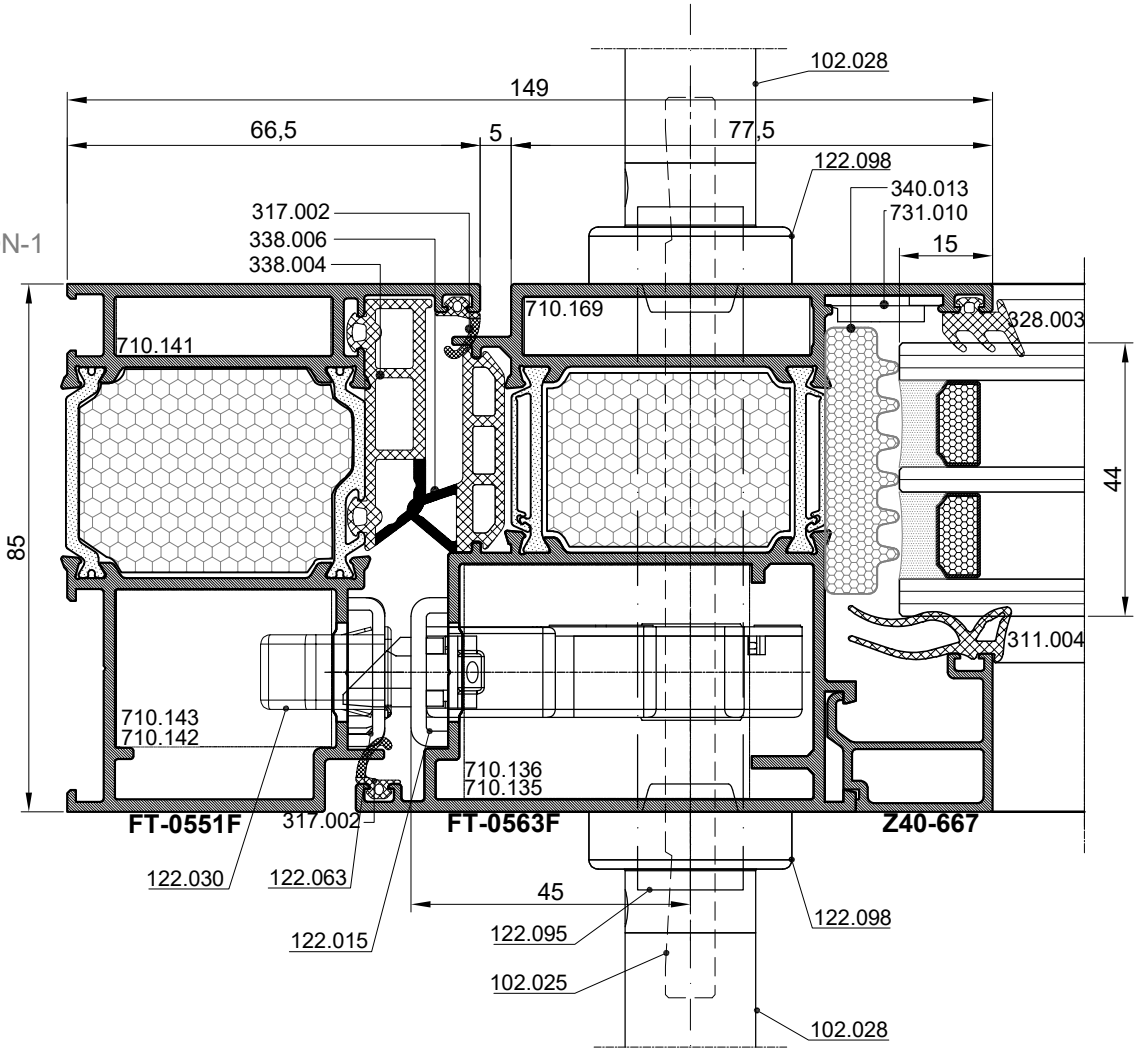
PRESJEK-2
CROSS SECTION-2



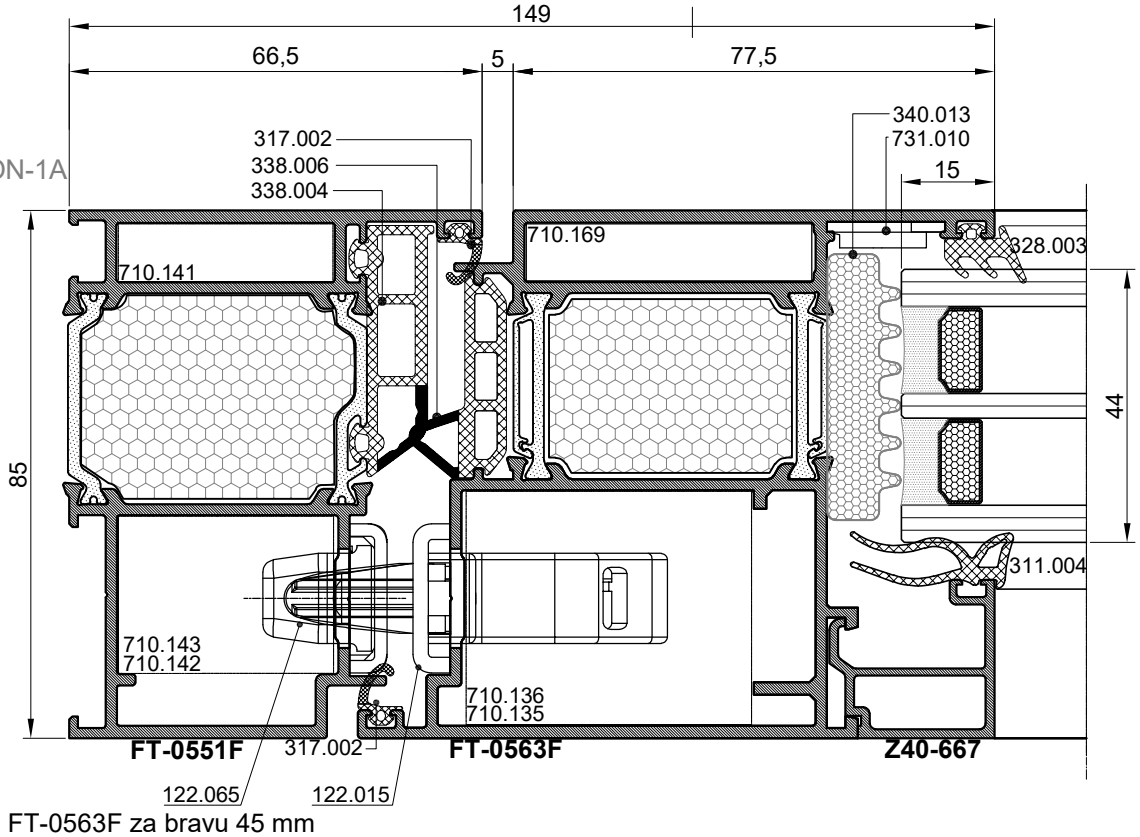


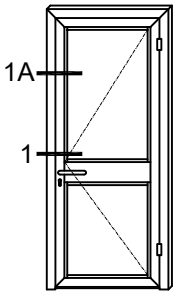
Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

PRESJEK-1
CROSS SECTION-1



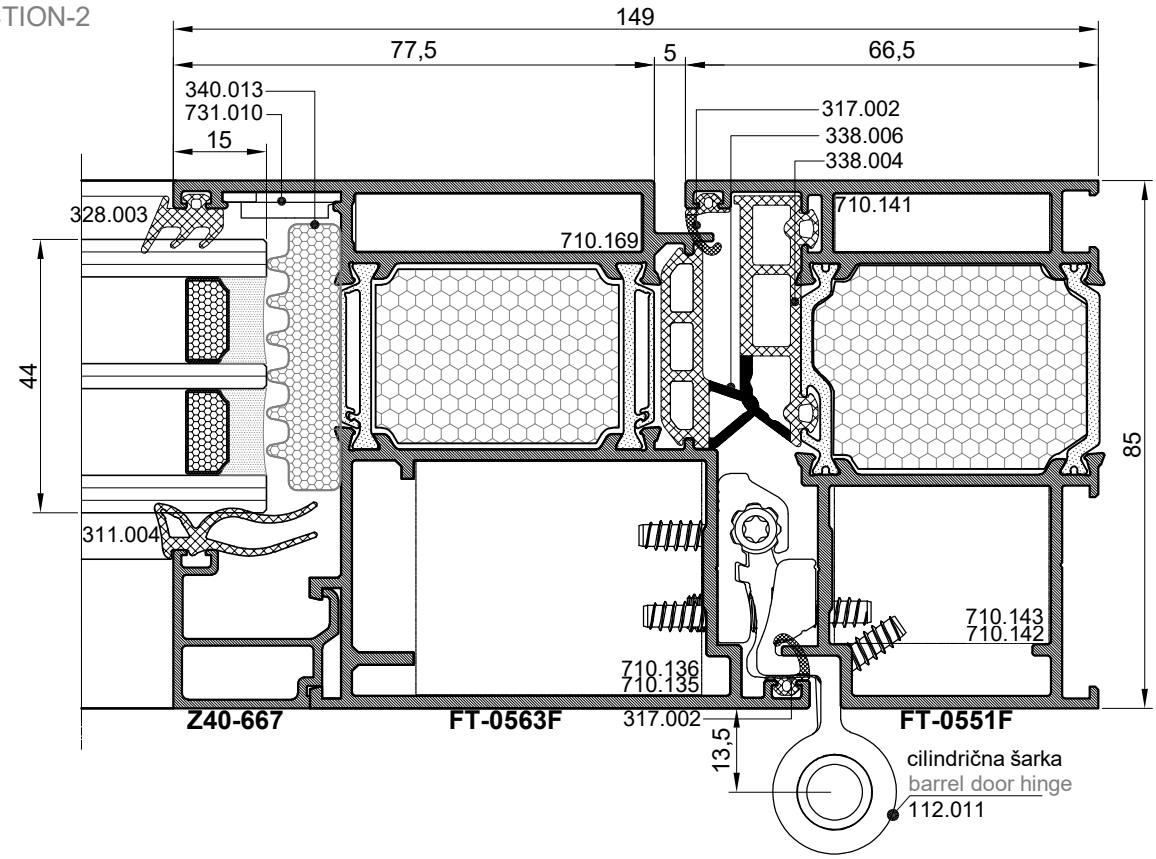
PRESJEK-1A
CROSS SECTION-1A



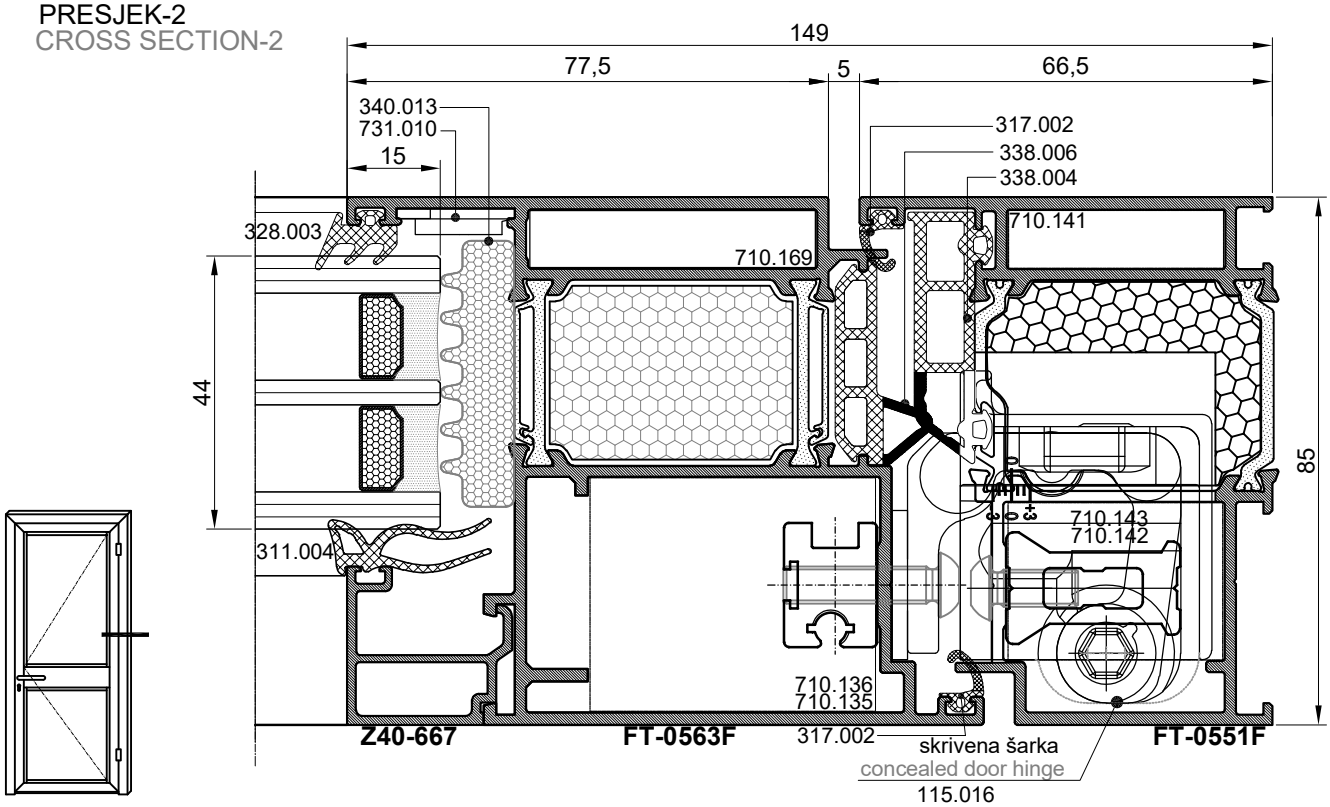


Napomena: Krilo FT-0563F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0563F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-2
CROSS SECTION-2

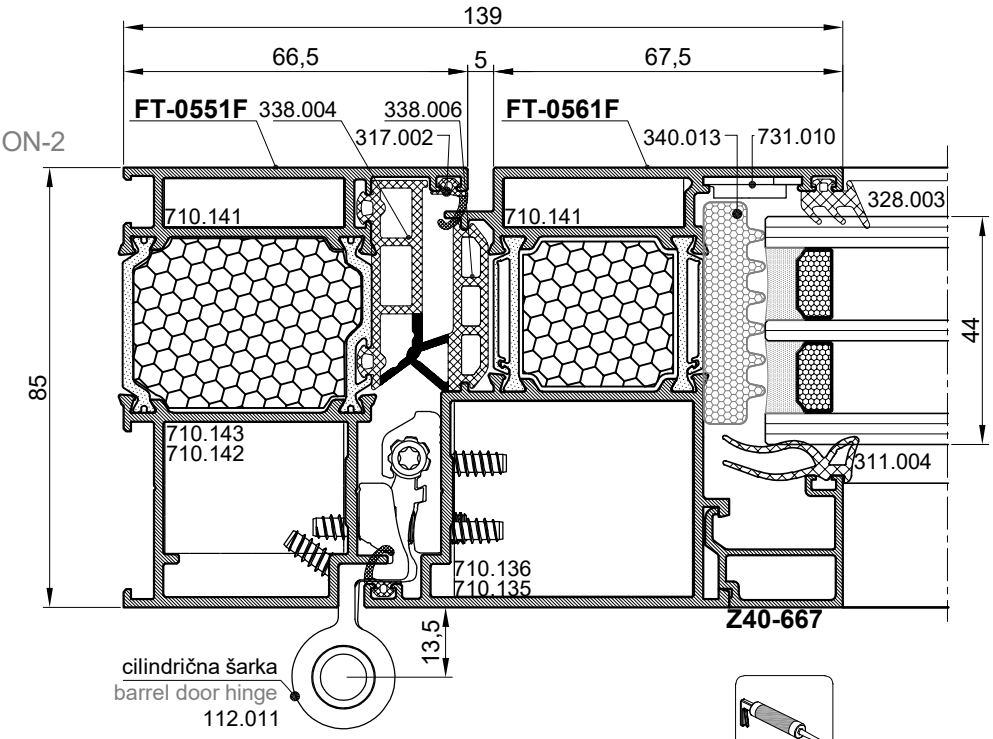


PRESJEK-2
CROSS SECTION-2

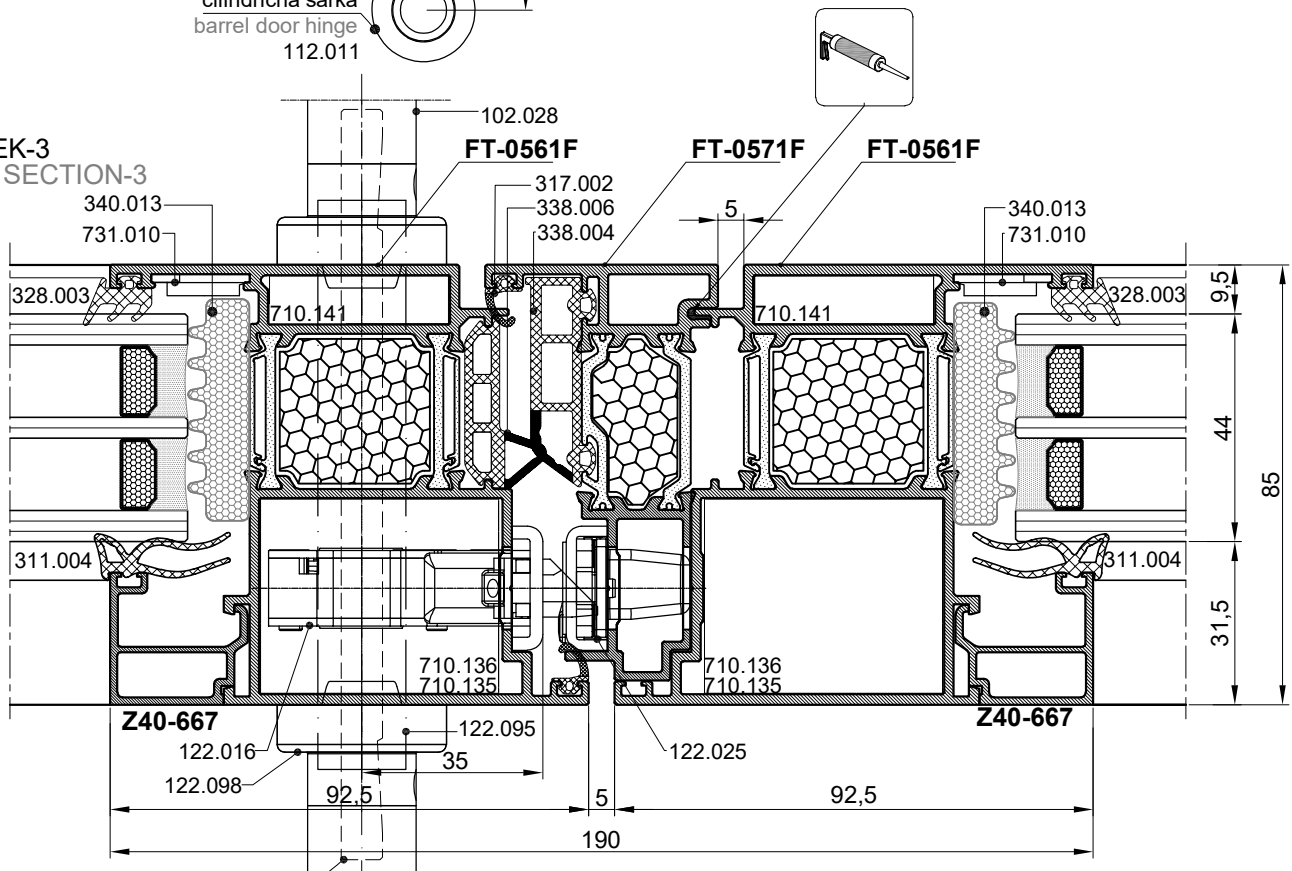


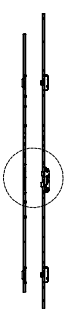
Napomena: Krilo FT-0563F za bravu 45 mm
Remark: Sash FT-0563F for lock 45 mm

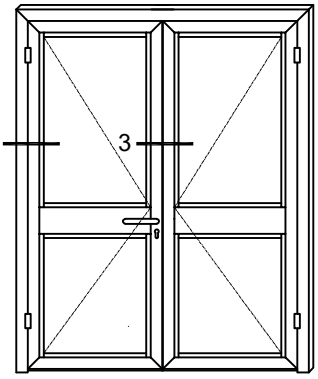
PRESJEK-2
CROSS SECTION-2



PRESJEK-3
CROSS SECTION-3







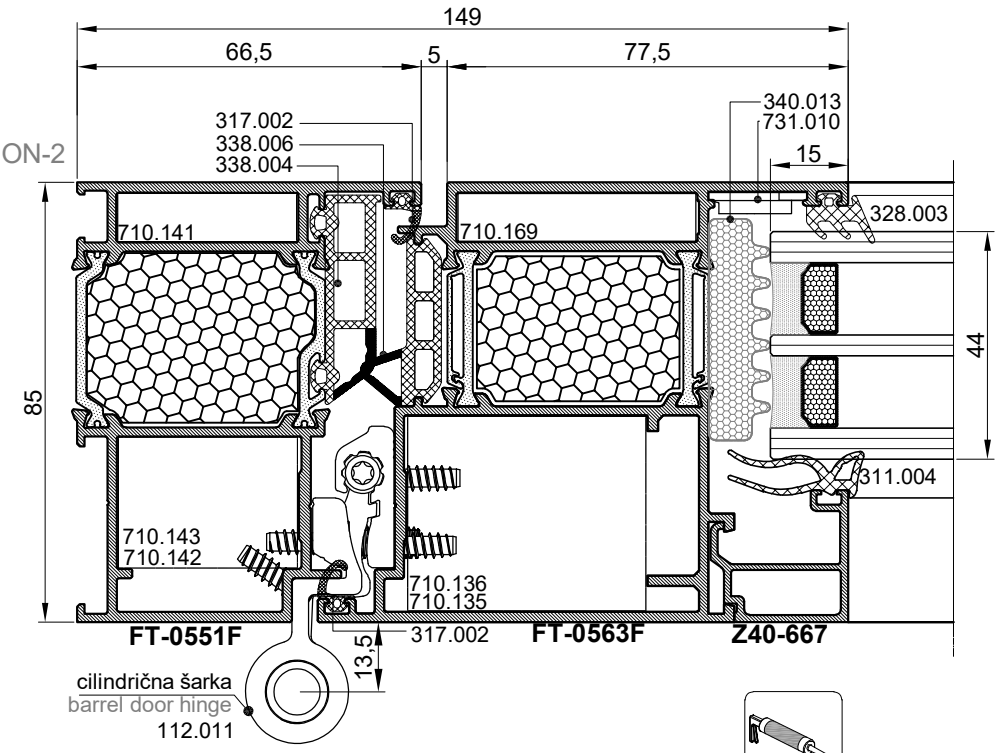


ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

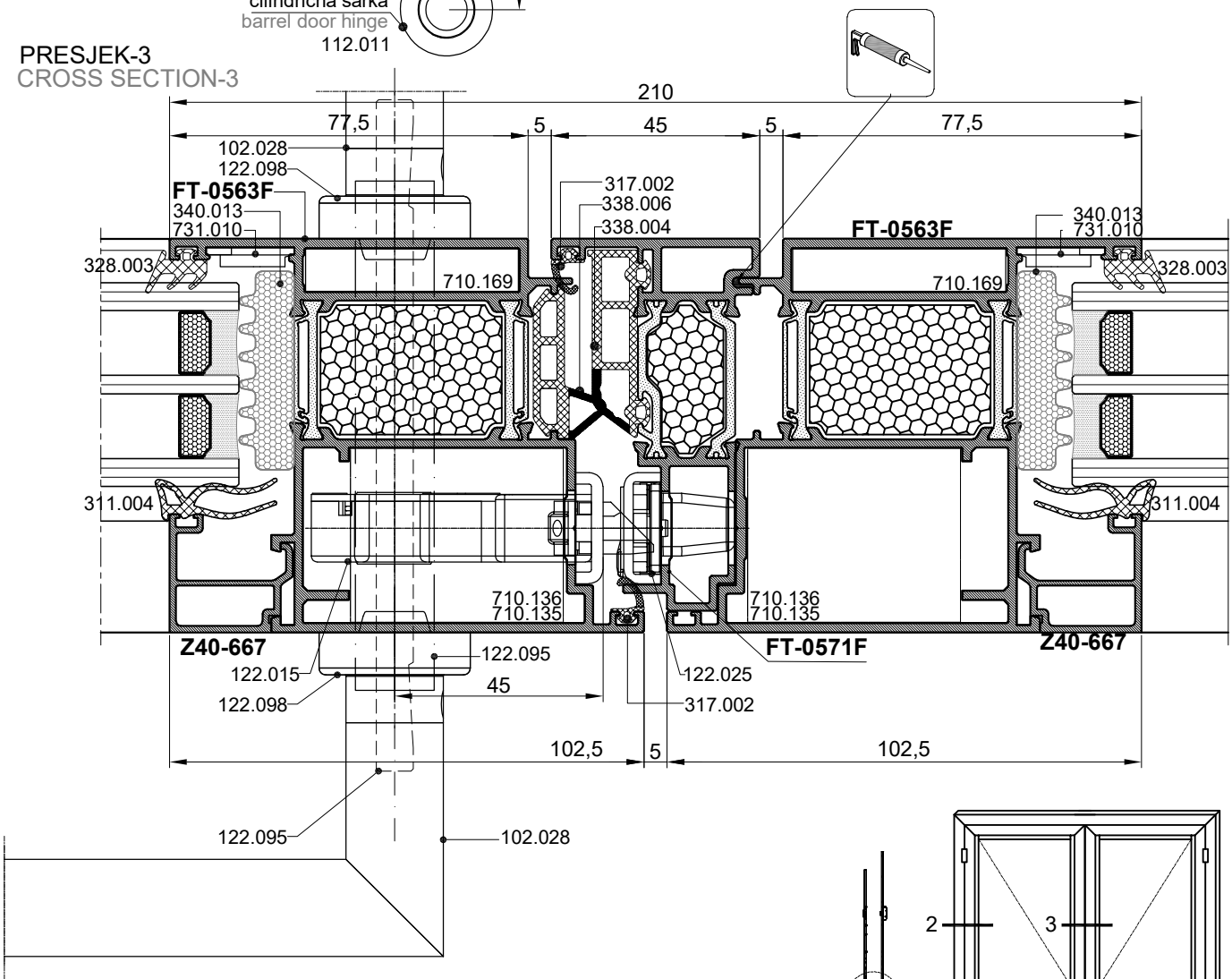
Napomena: Krilo FT-0561F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016

Remark: Sash FT-0561F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

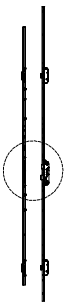
PRESJEK-2
CROSS SECTION-2



PRESJEK-3
CROSS SECTION-3



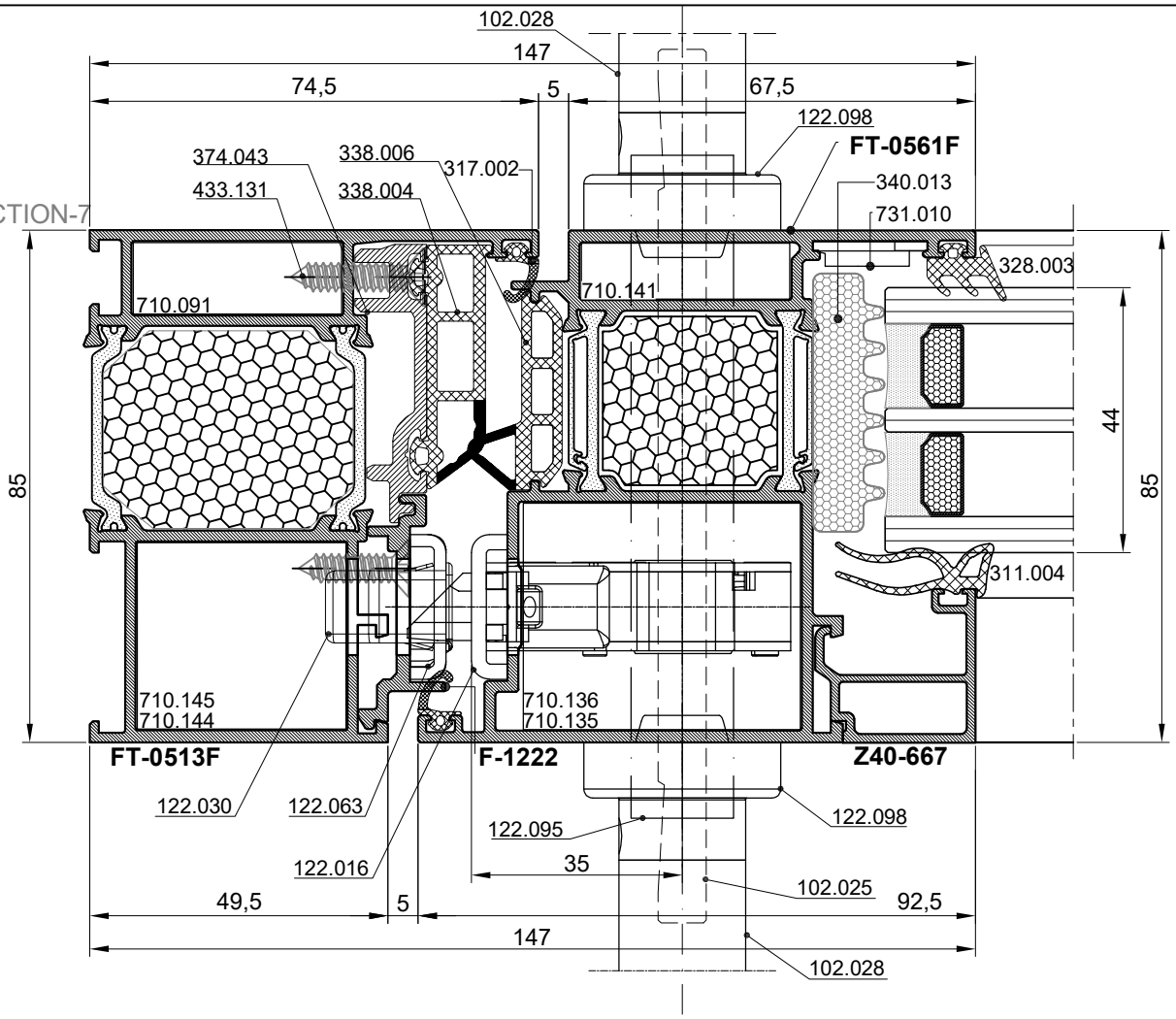




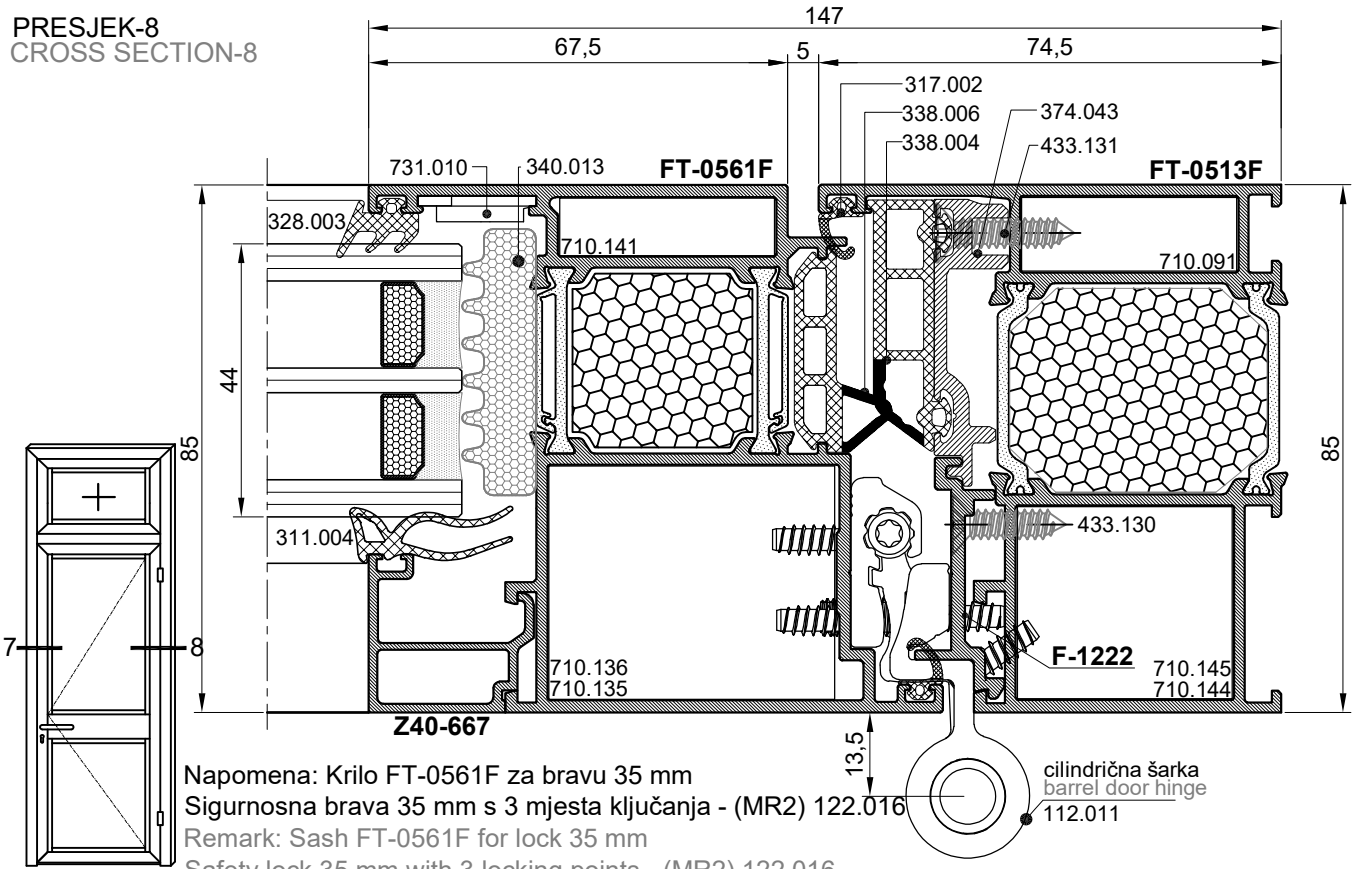
Napomena: Krilo FT-0563F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015

Remark: Sash FT-0563F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-7
CROSS SECTION-7

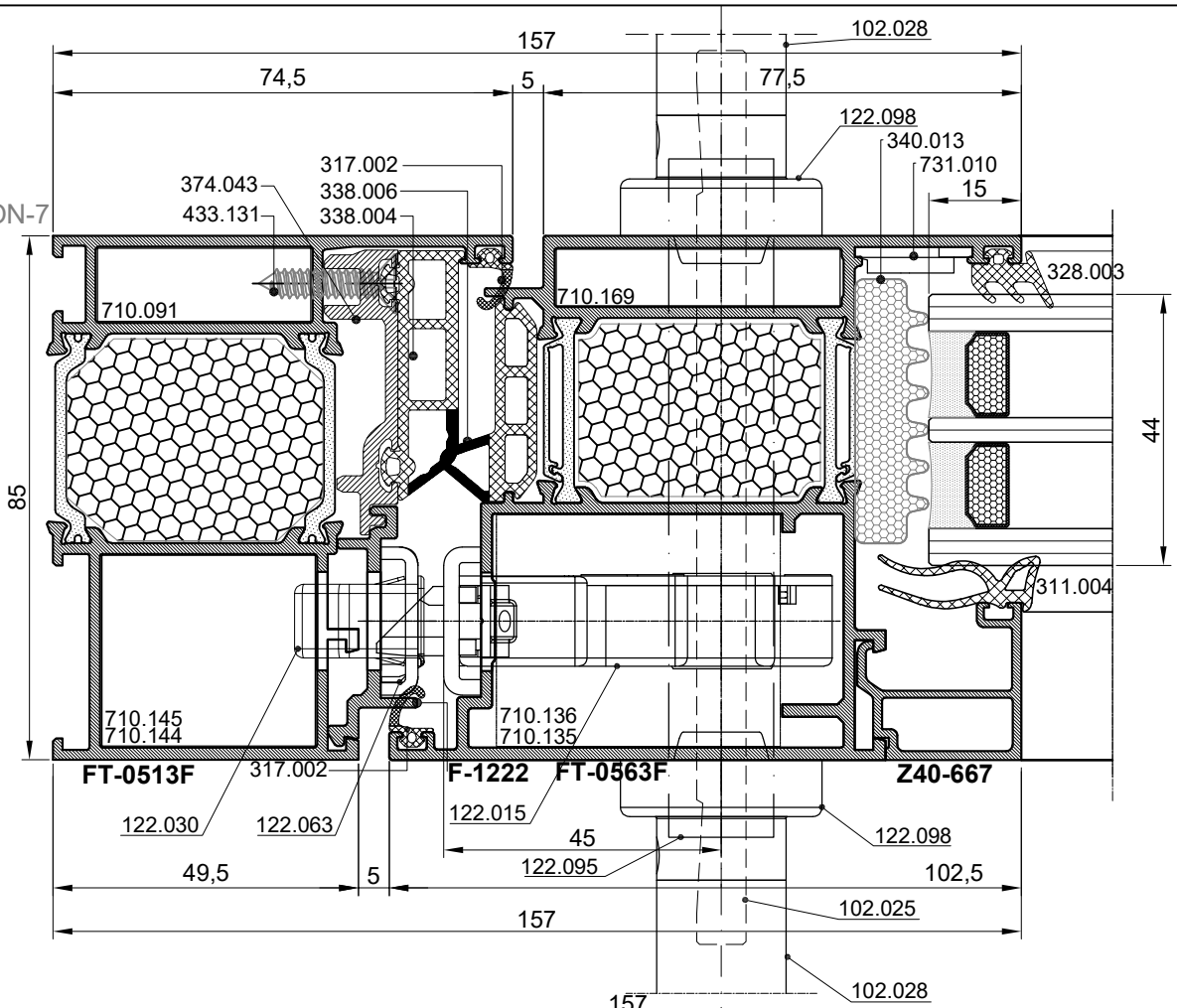


PRESJEK-8
CROSS SECTION-8

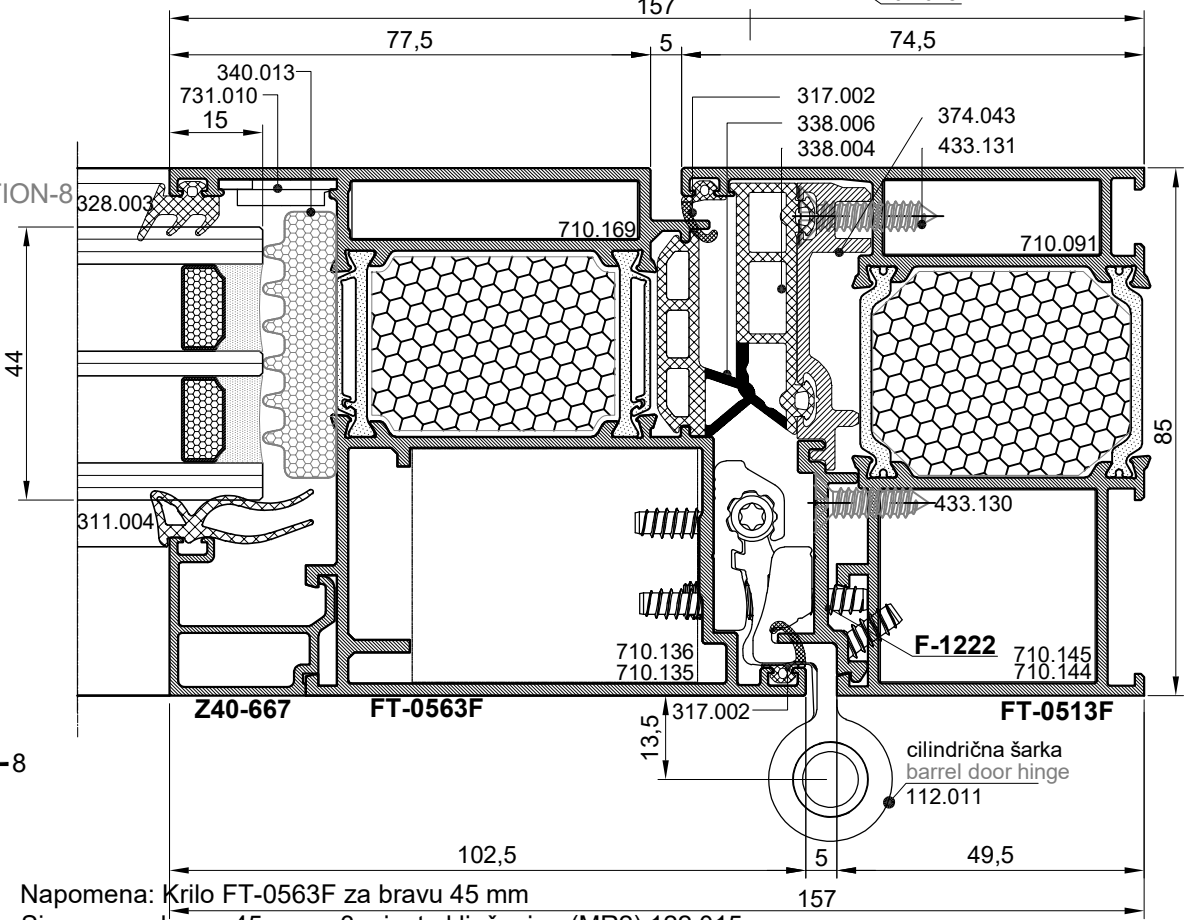


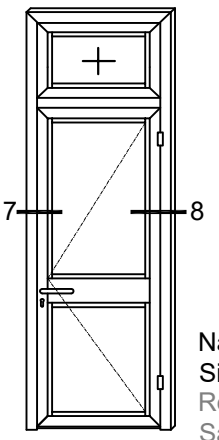
Napomena: Krilo FT-0561F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0561F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-7
CROSS SECTION-7



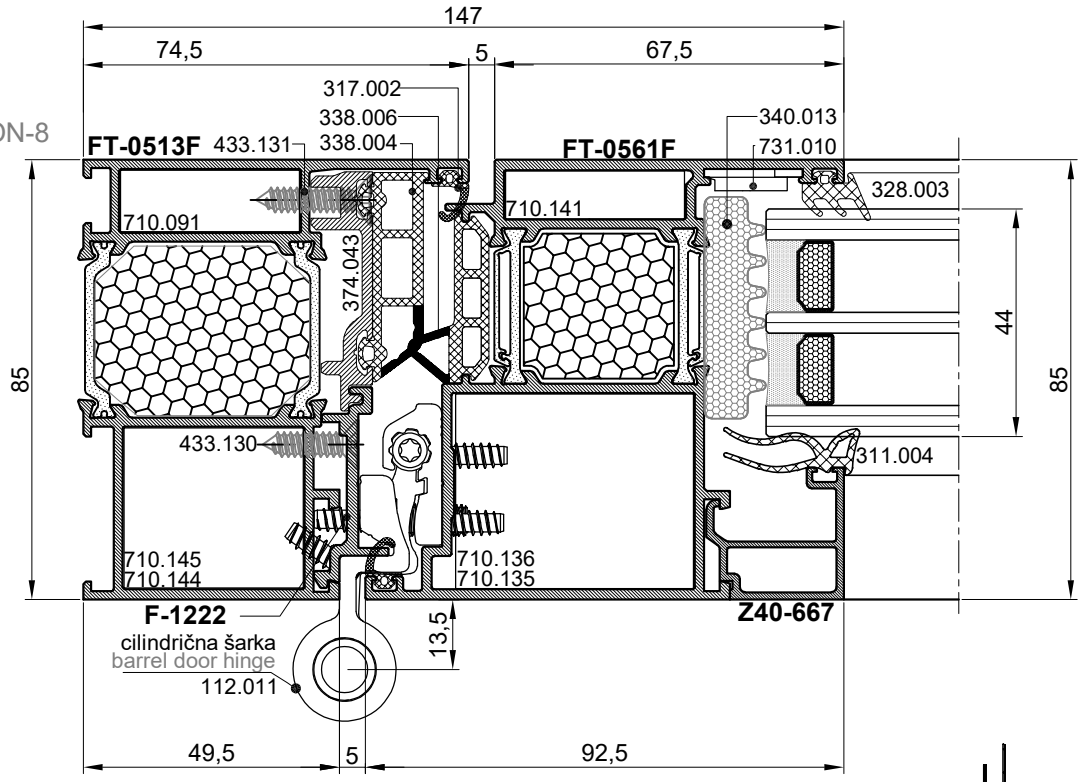
PRESJEK-8
CROSS SECTION-8



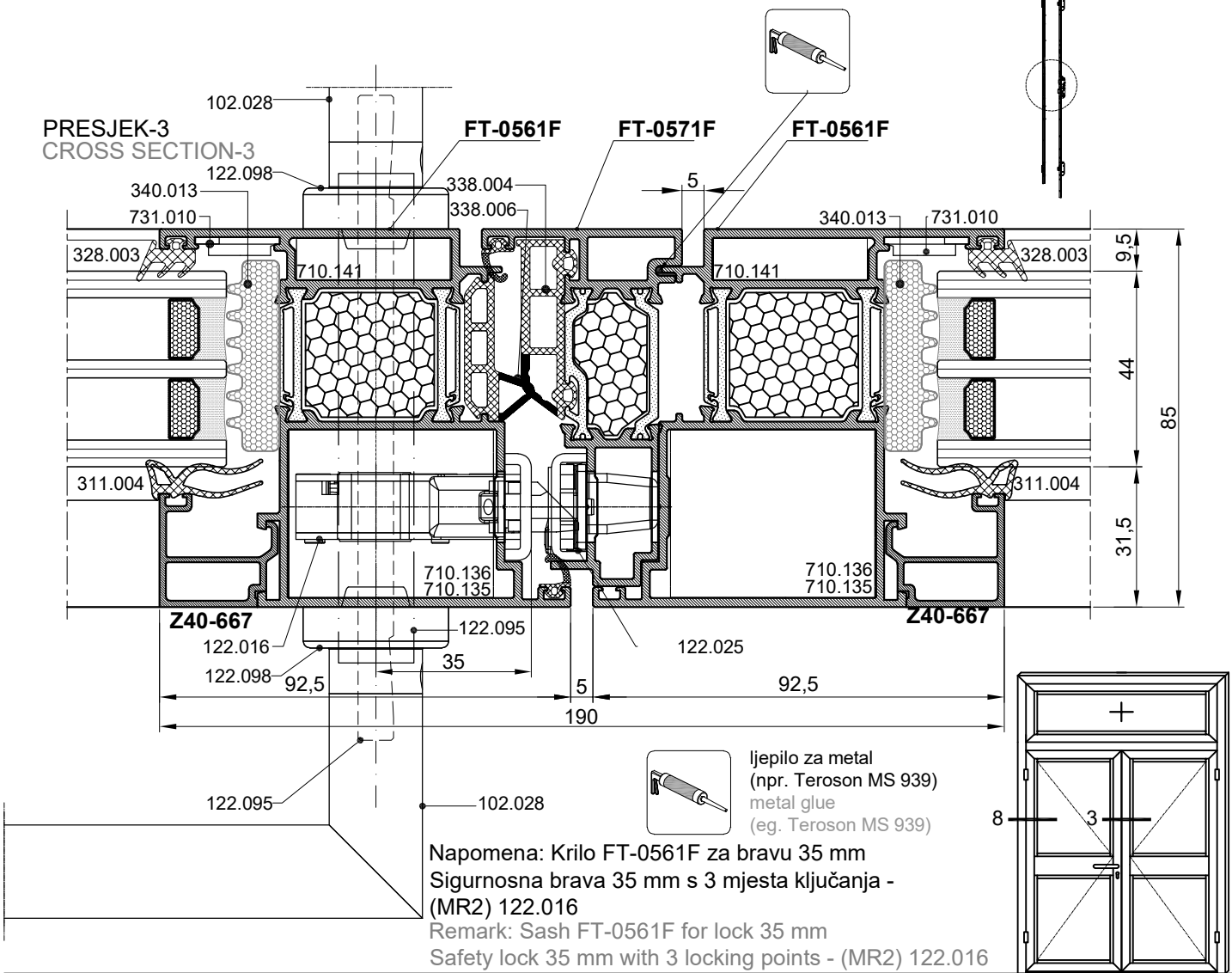


Napomena: Krilo FT-0563F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0563F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-8
CROSS SECTION-8



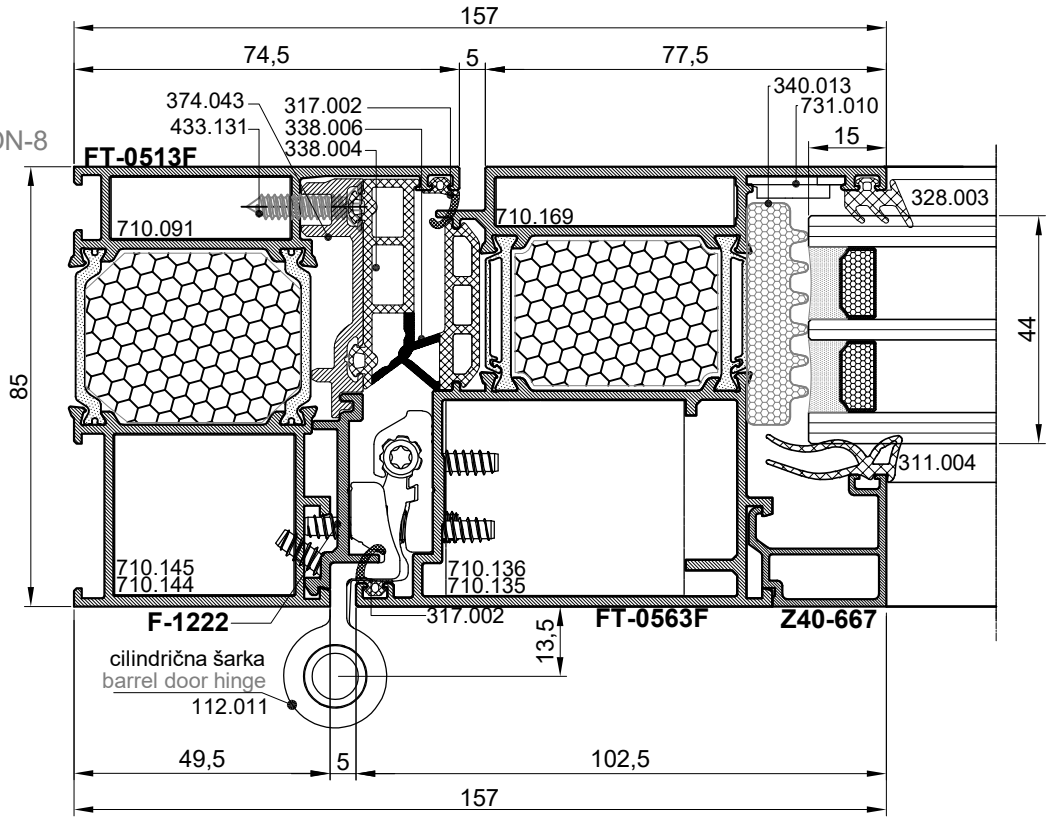
PRESJEK-3
CROSS SECTION-3



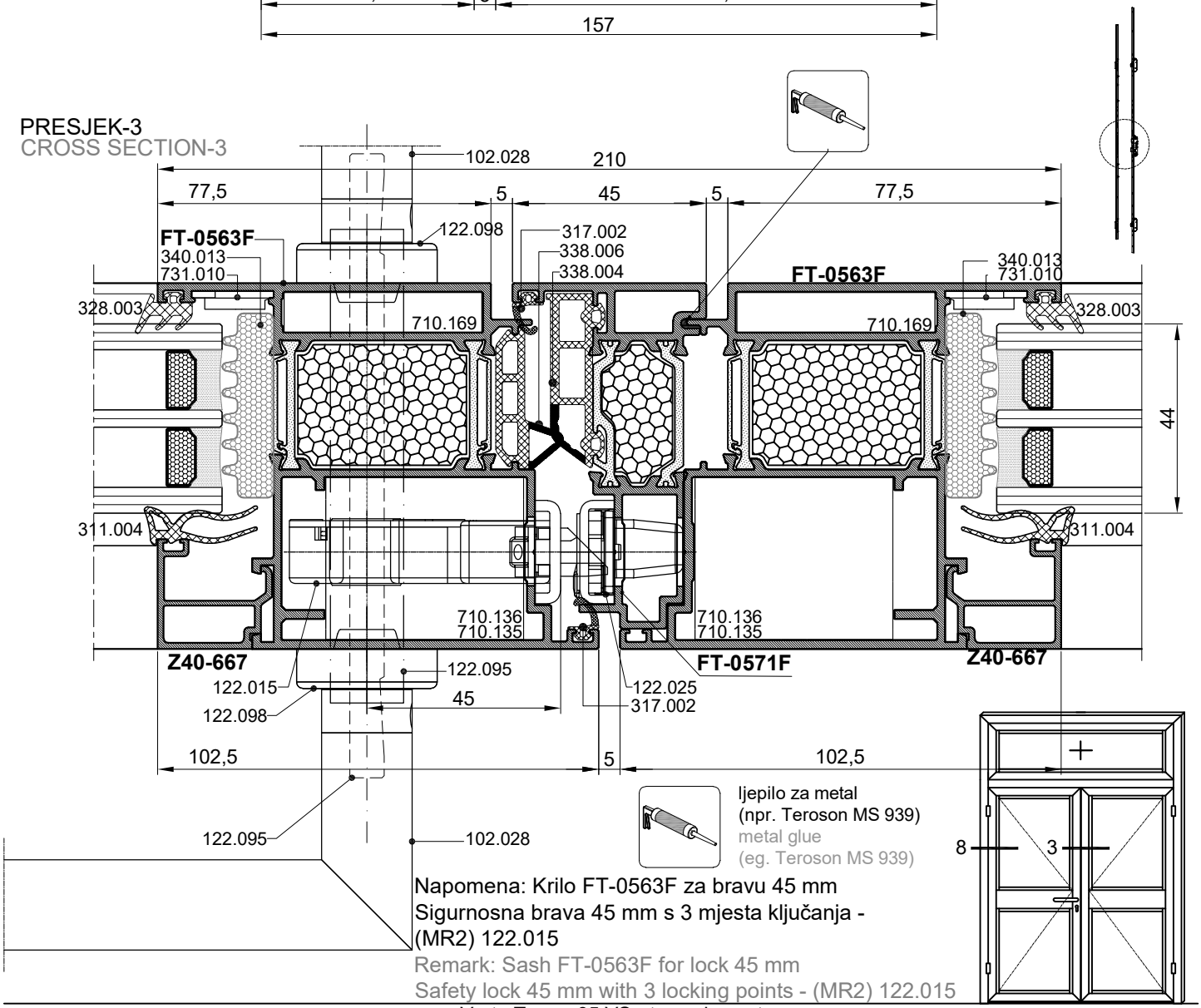
Napomena: Krilo FT-0561F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016

Remark: Sash FT-0561F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-8
CROSS SECTION-8



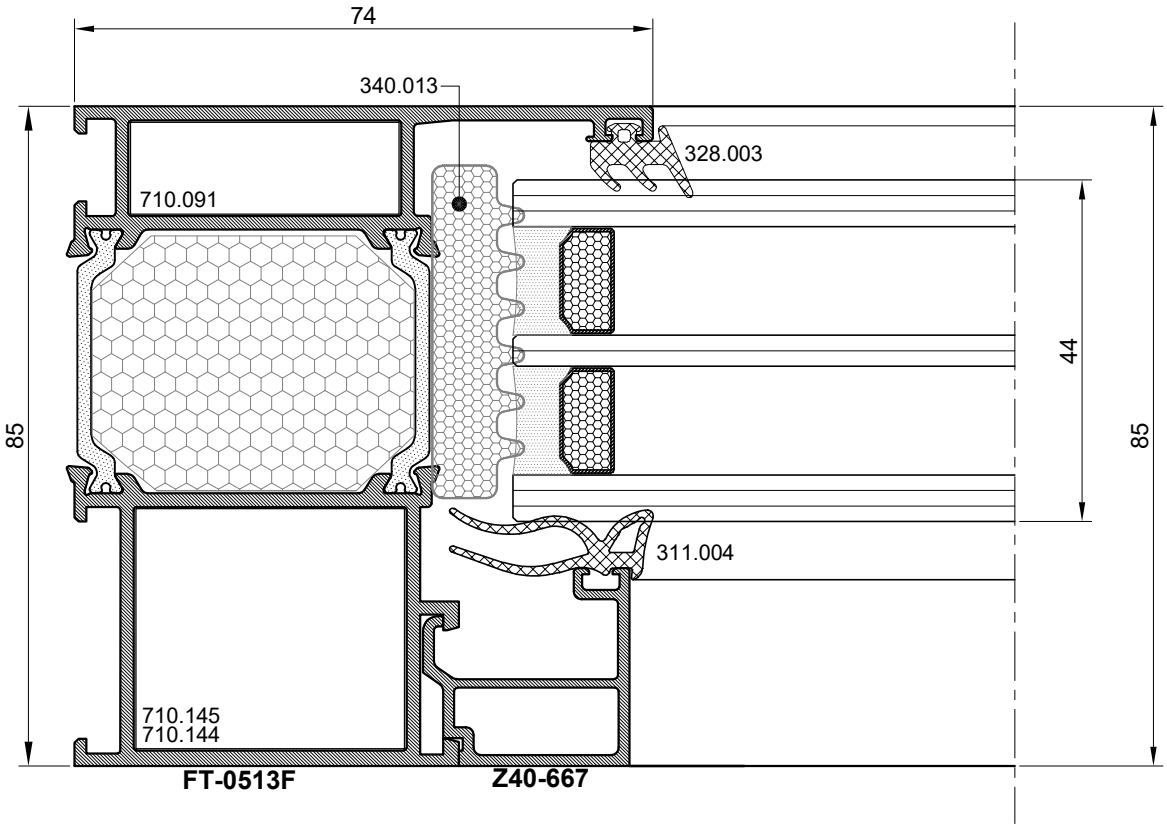
PRESJEK-3
CROSS SECTION-3

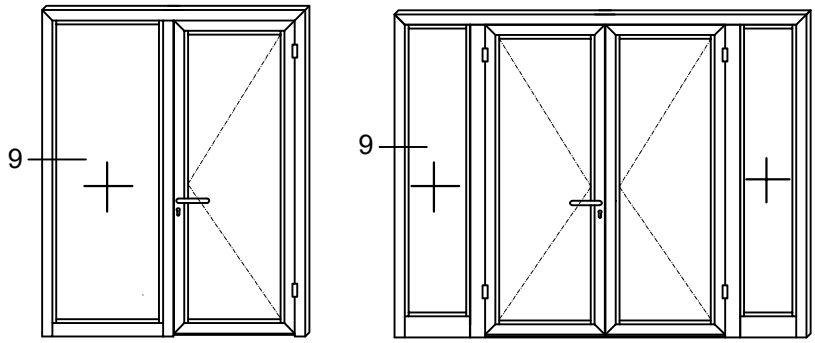


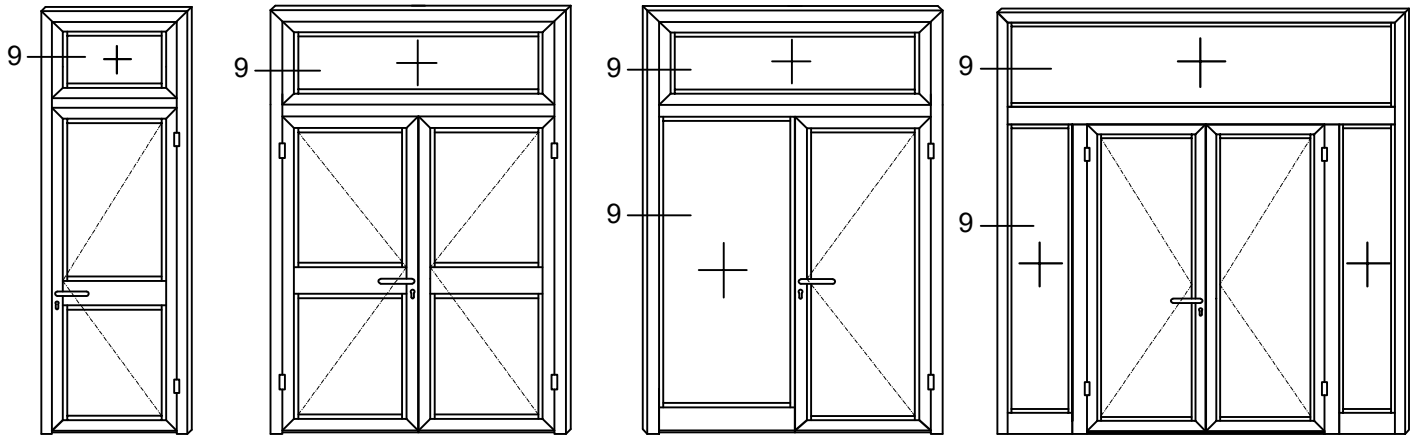
Napomena: Krilo FT-0563F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015

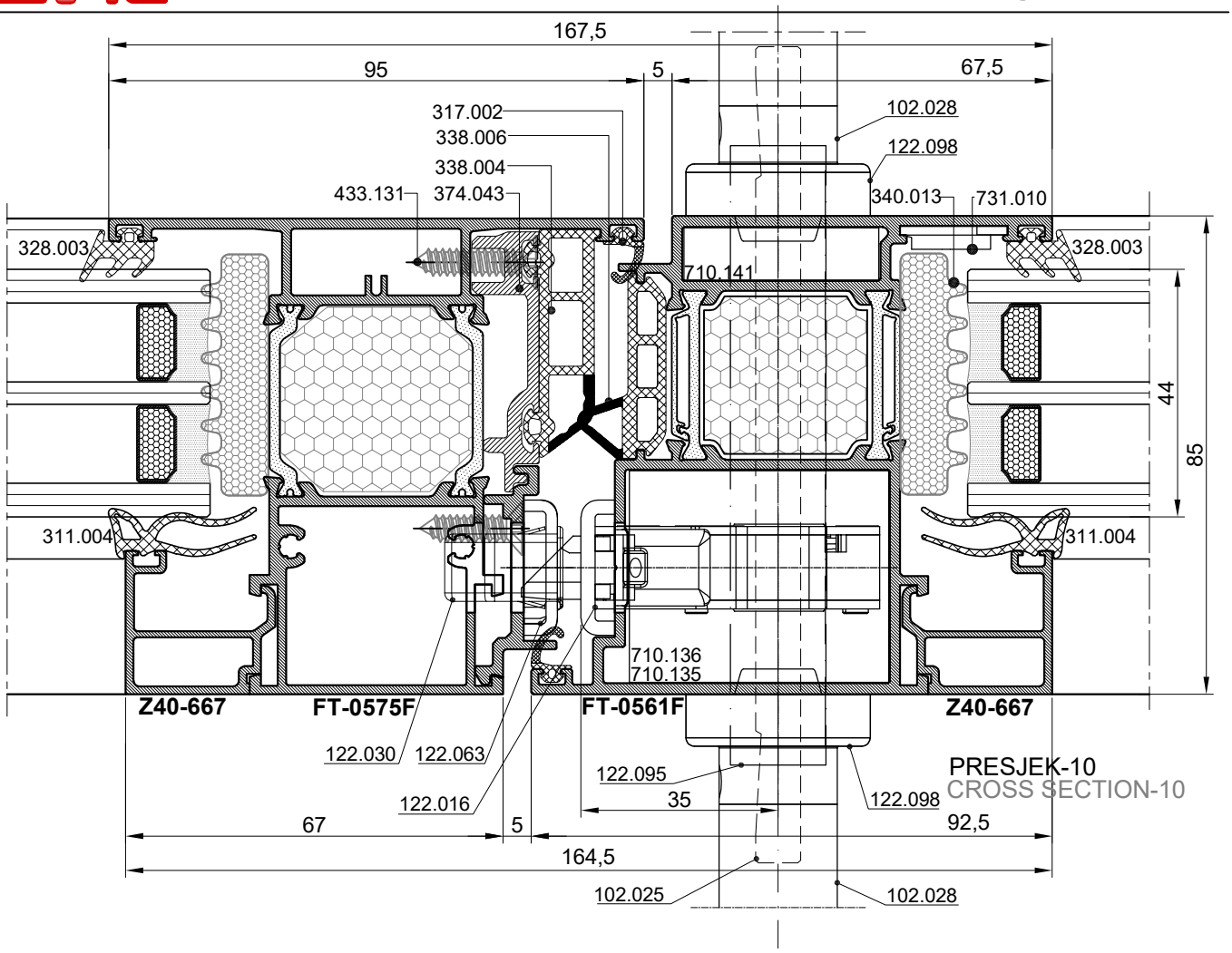
Remark: Sash FT-0563F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-9
CROSS SECTION-9

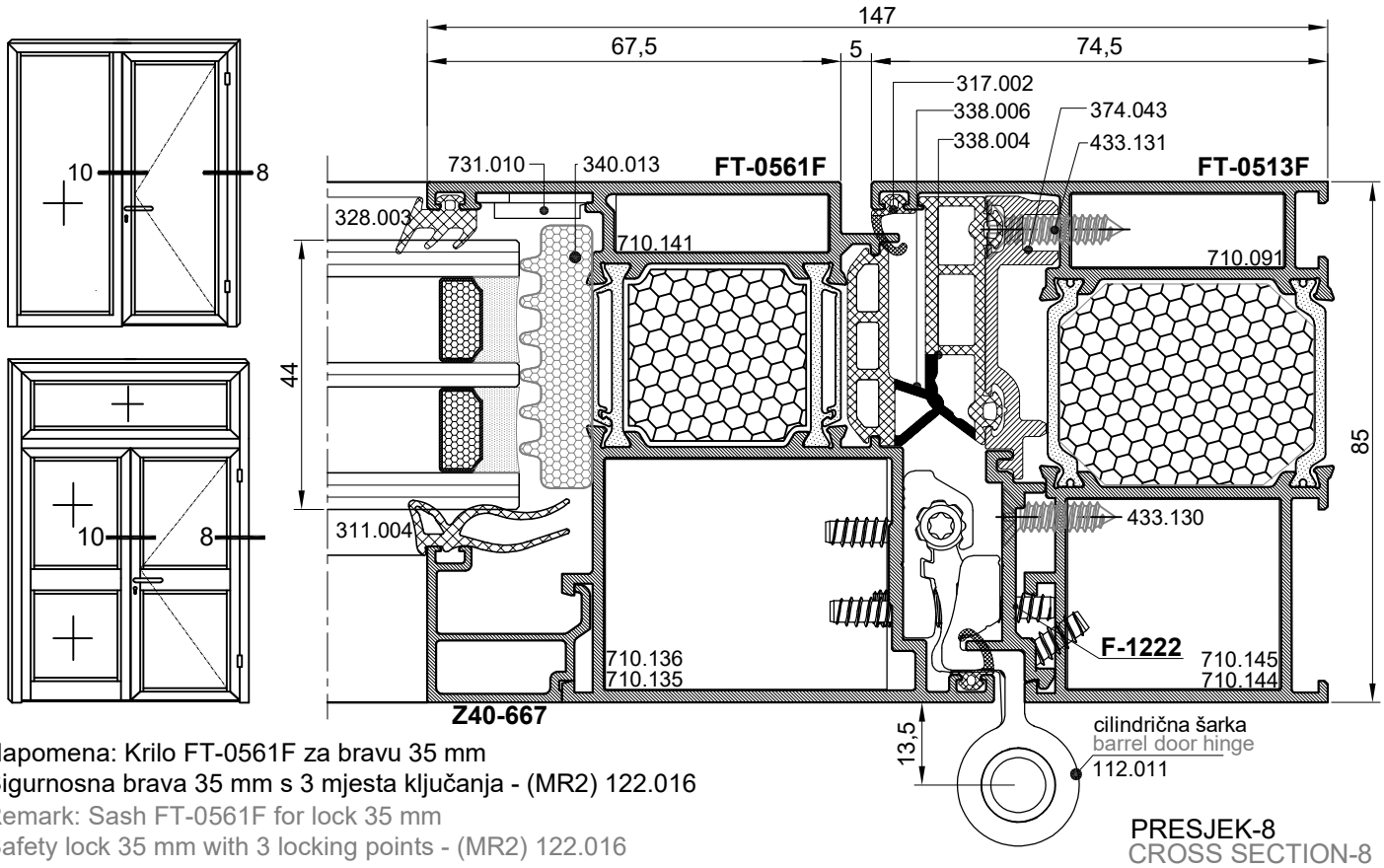






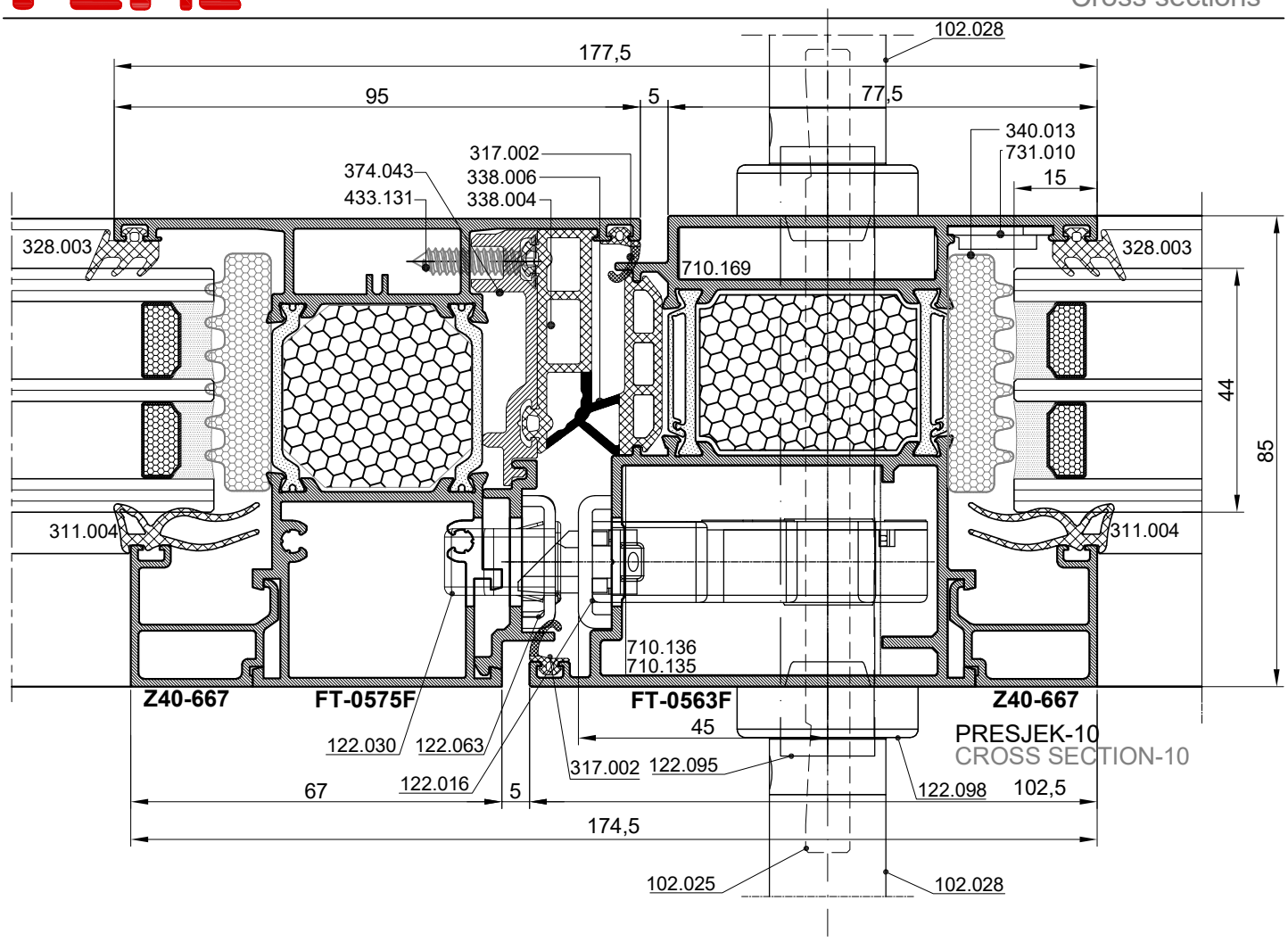


PRESJEK-10
CROSS SECTION-10

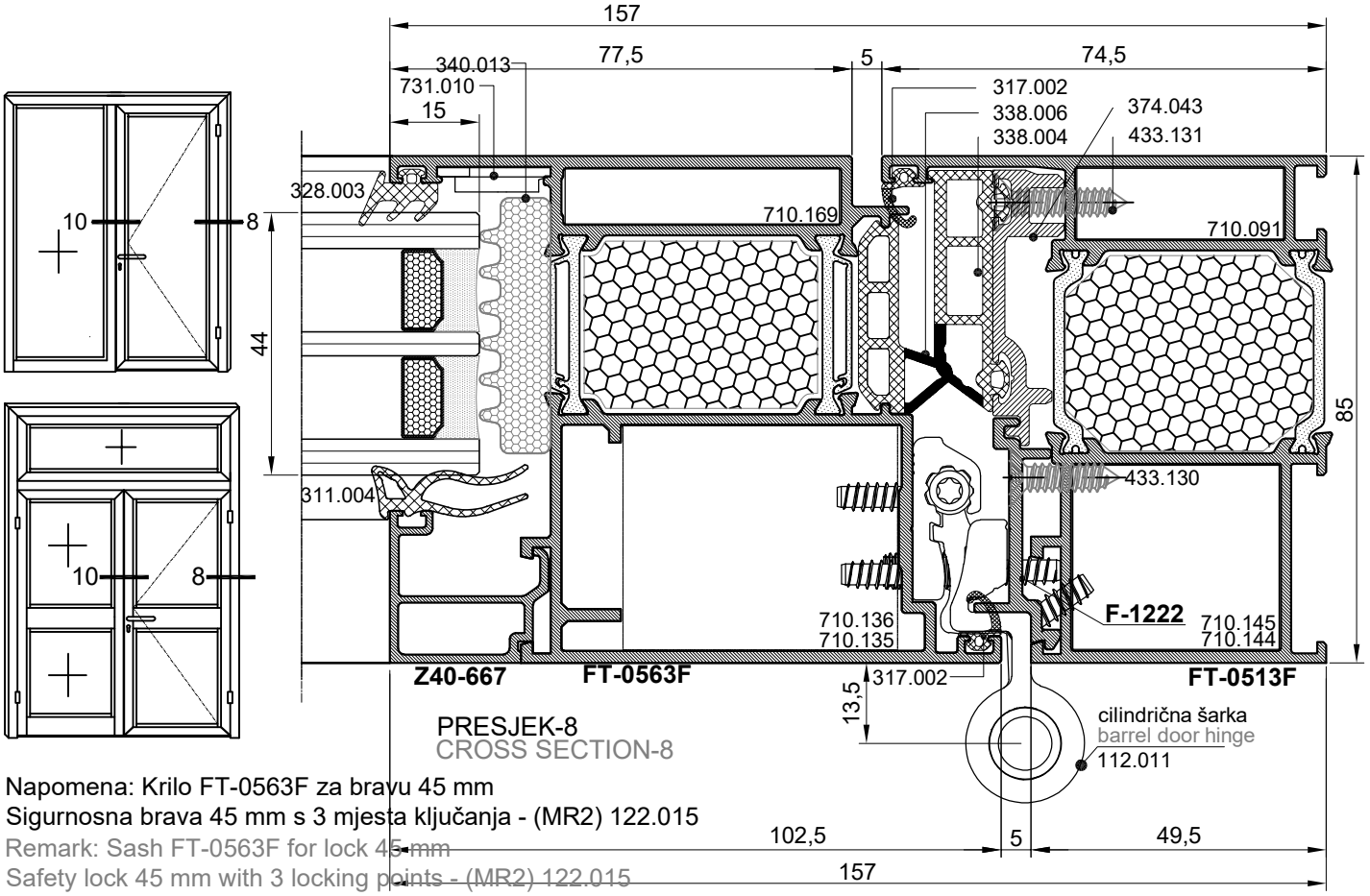


Napomena: Krilo FT-0561F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0561F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-8
CROSS SECTION-8



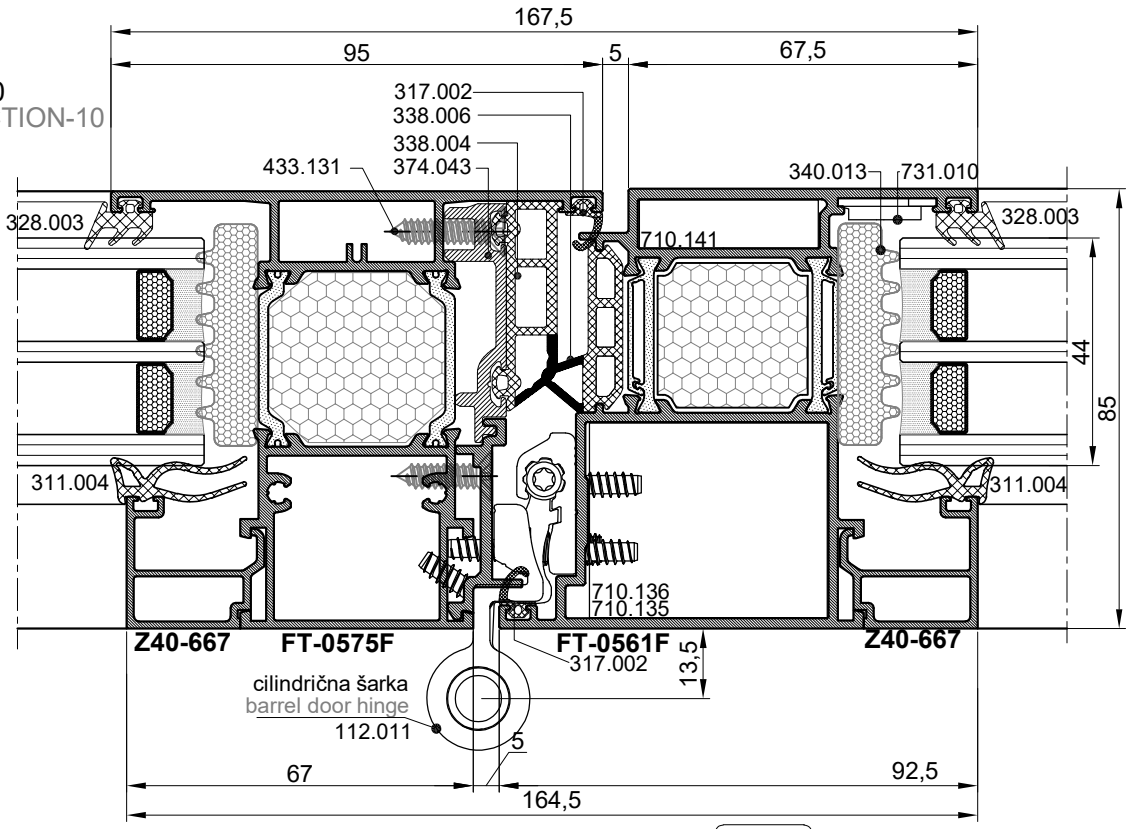
PRESJEK-10
CROSS SECTION-10



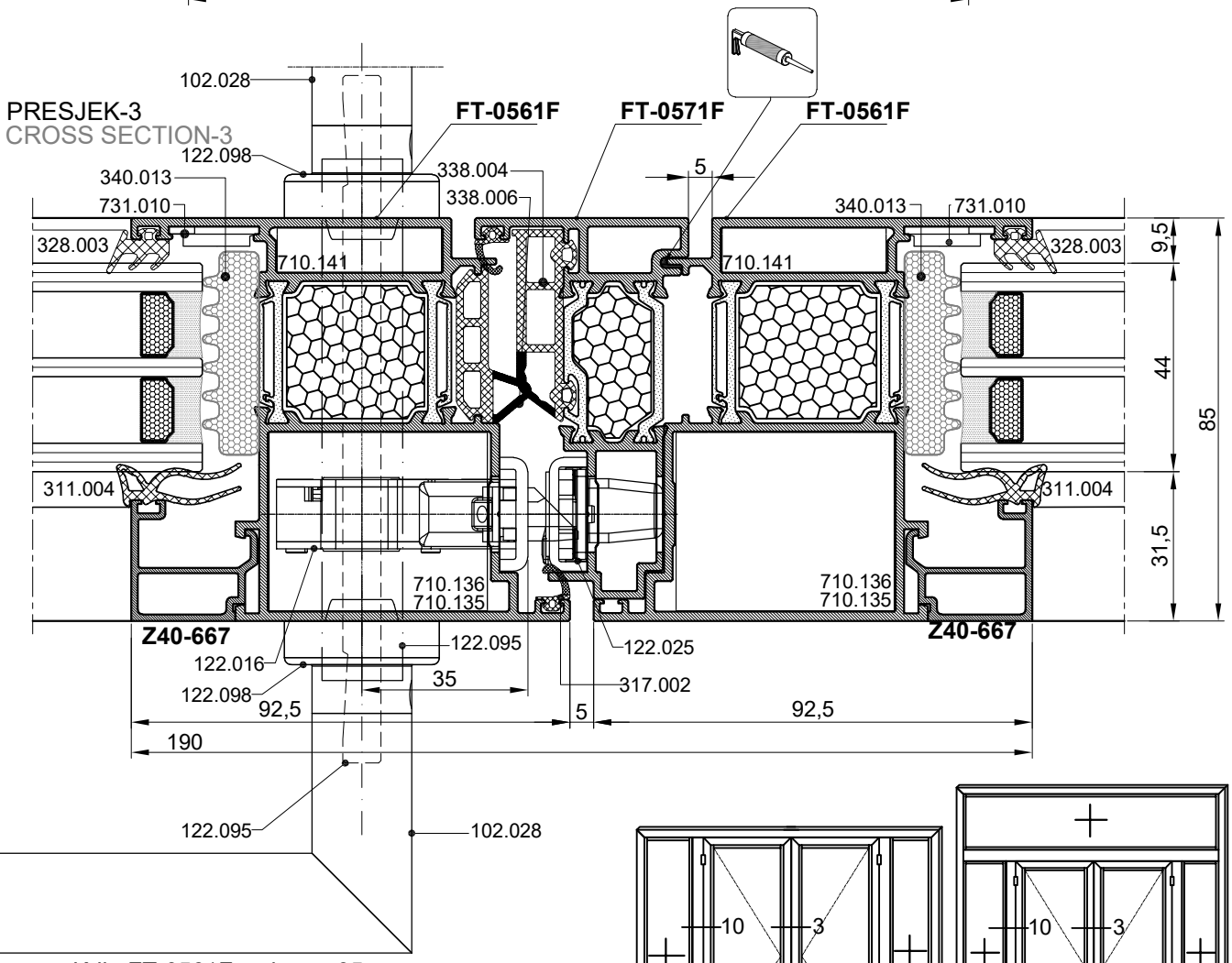
PRESJEK-8
CROSS SECTION-8

Napomena: Krilo FT-0563F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0563F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-10
CROSS SECTION-10



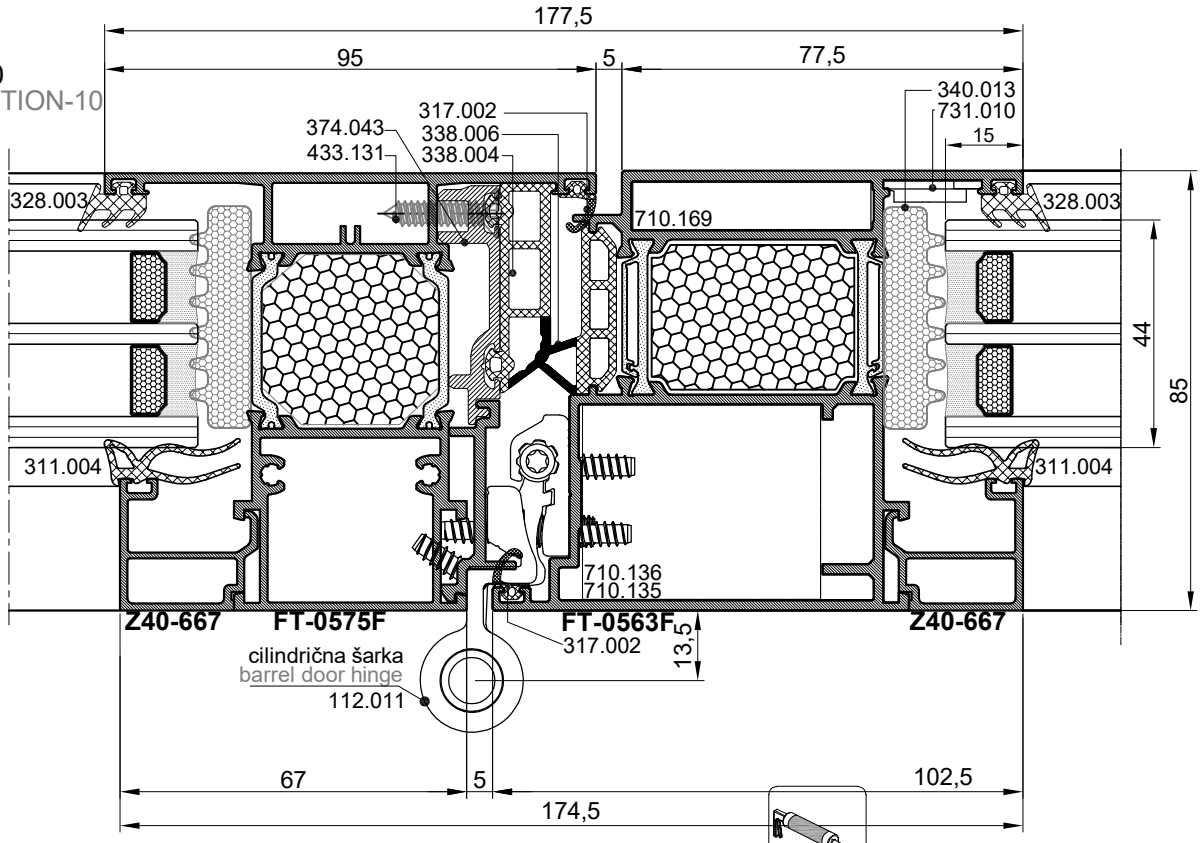
PRESJEK-3
CROSS SECTION-3



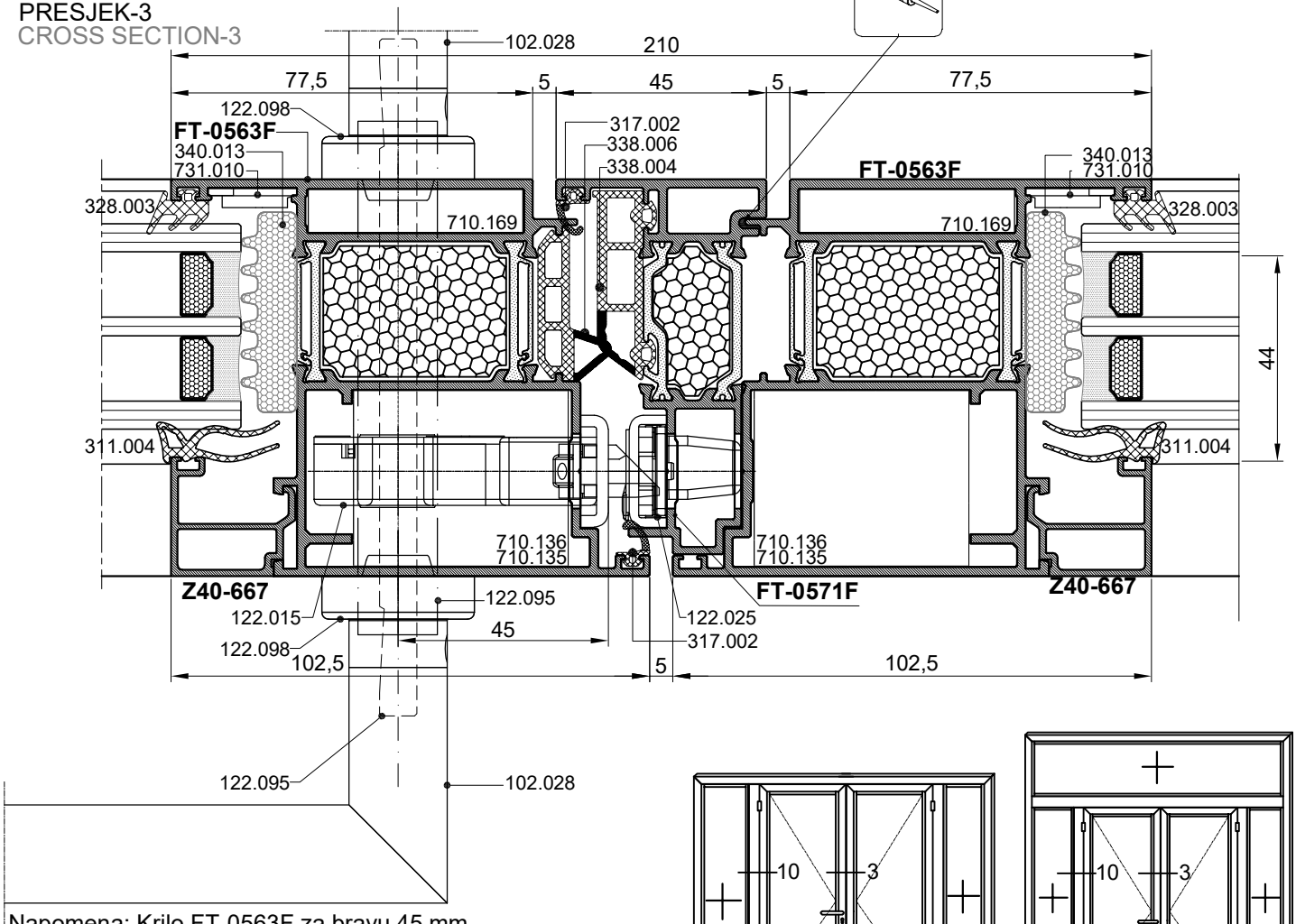
Napomena: Krilo FT-0561F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016

Remark: Sash FT-0561F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-10
CROSS SECTION-10

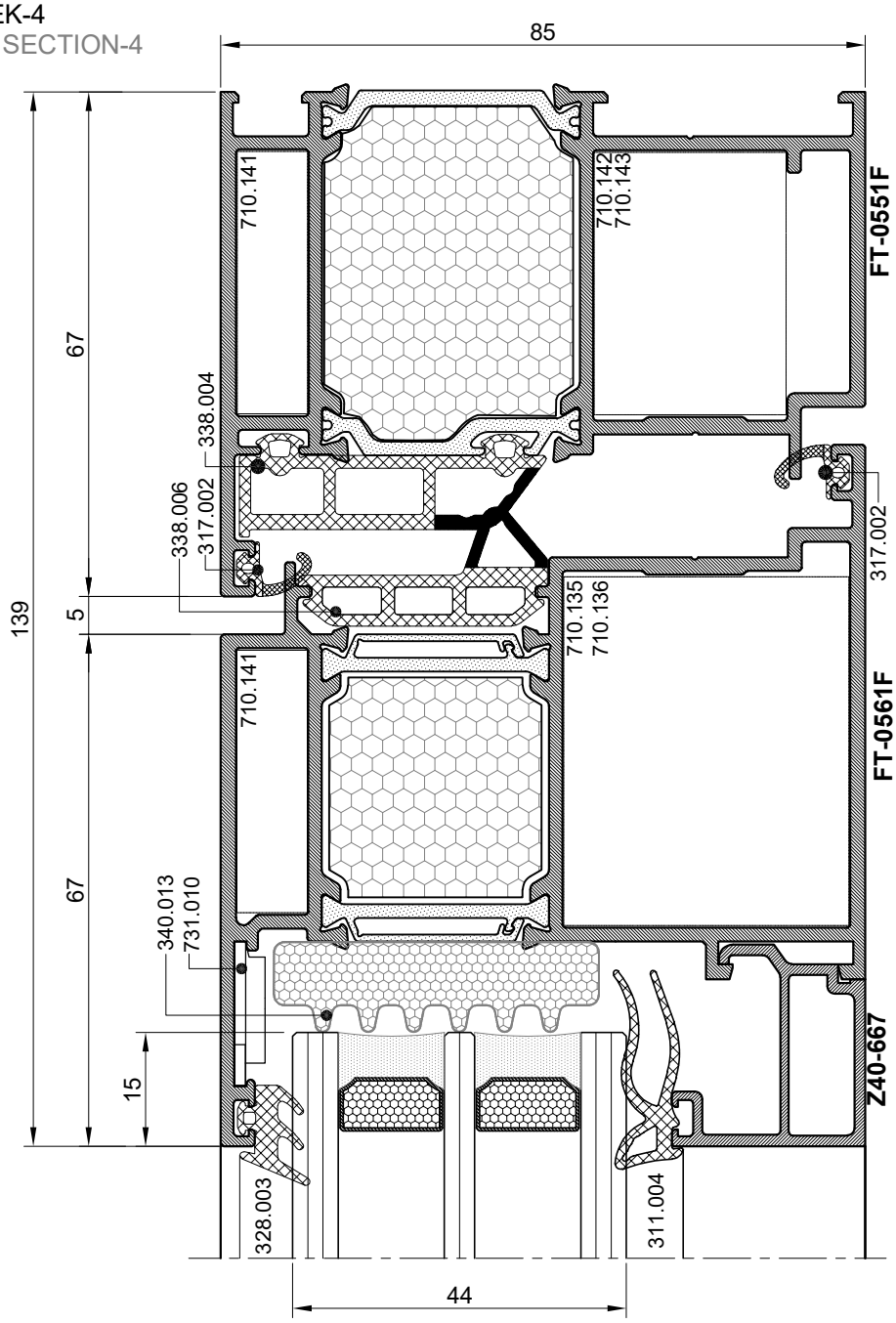


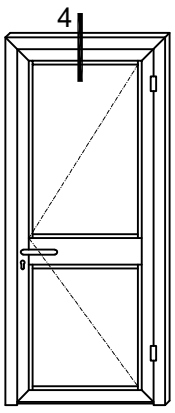
PRESJEK-3
CROSS SECTION-3



Napomena: Krilo FT-0563F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0563F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

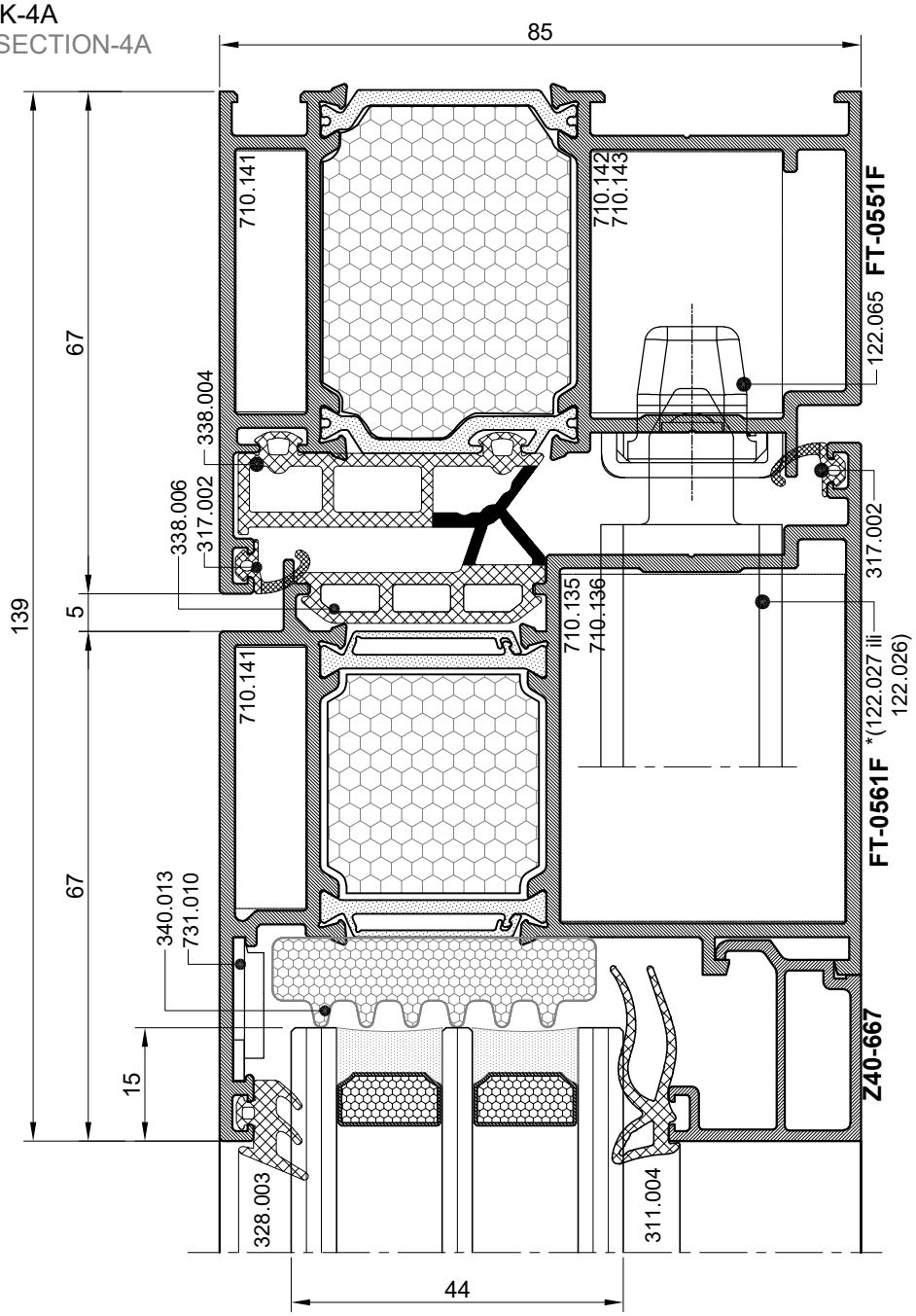
PRESJEK-4
CROSS SECTION-4

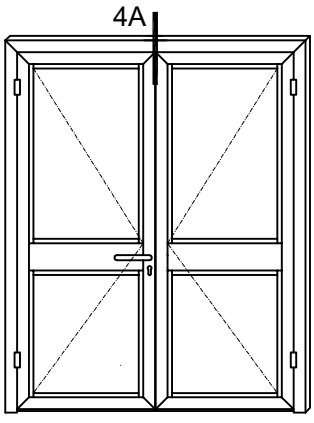




Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

PRESJEK-4A
CROSS SECTION-4A



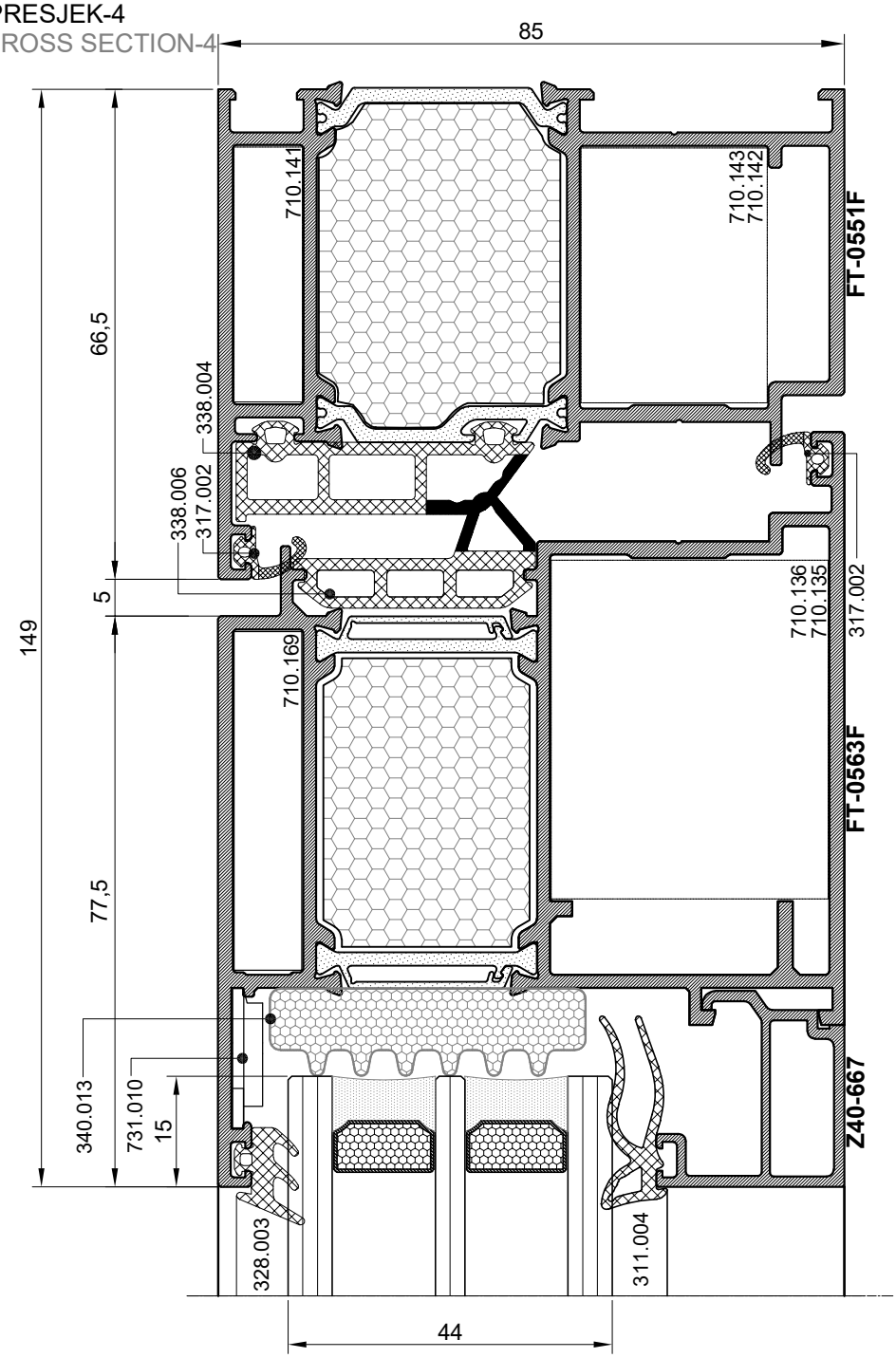


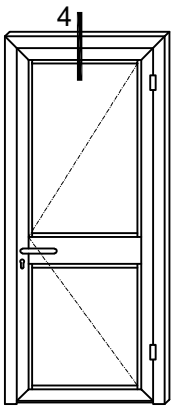
* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata. Za više informacija pogledajte poglavlje mehanizmi.

* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

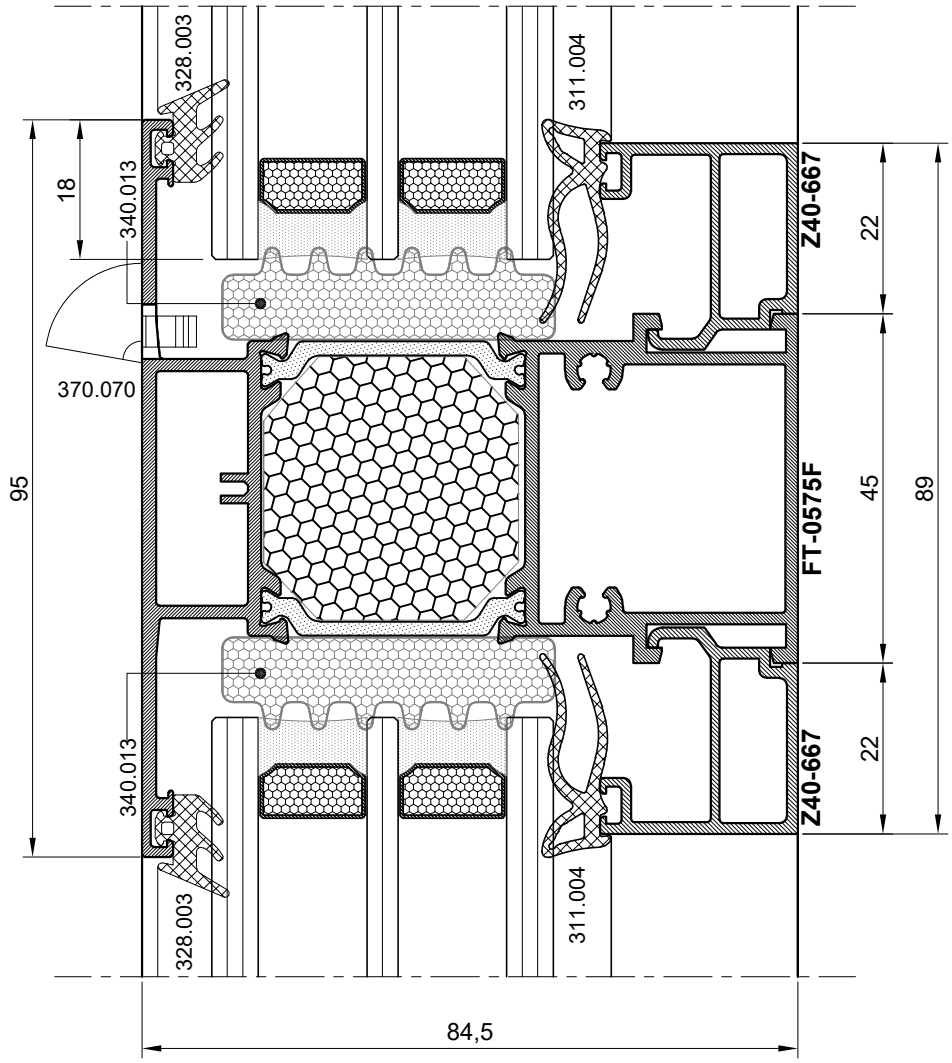
PRESJEK-4
CROSS SECTION-4

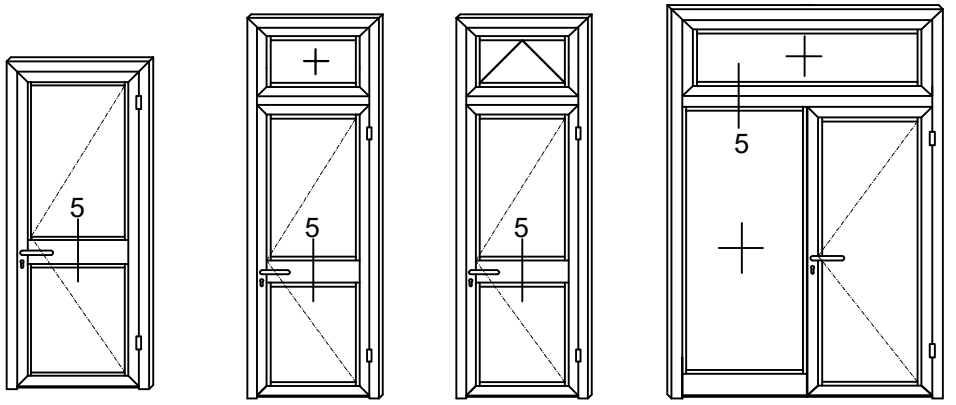


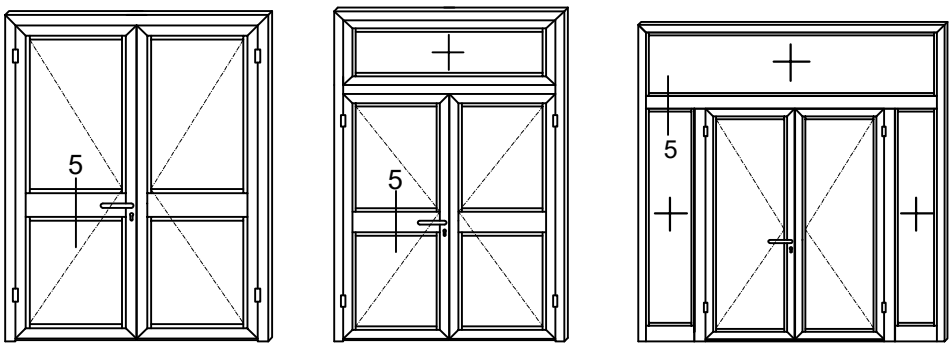


Napomena: Krilo FT-0563F za bravu 45 mm
Remark: Sash FT-0563F for lock 45 mm

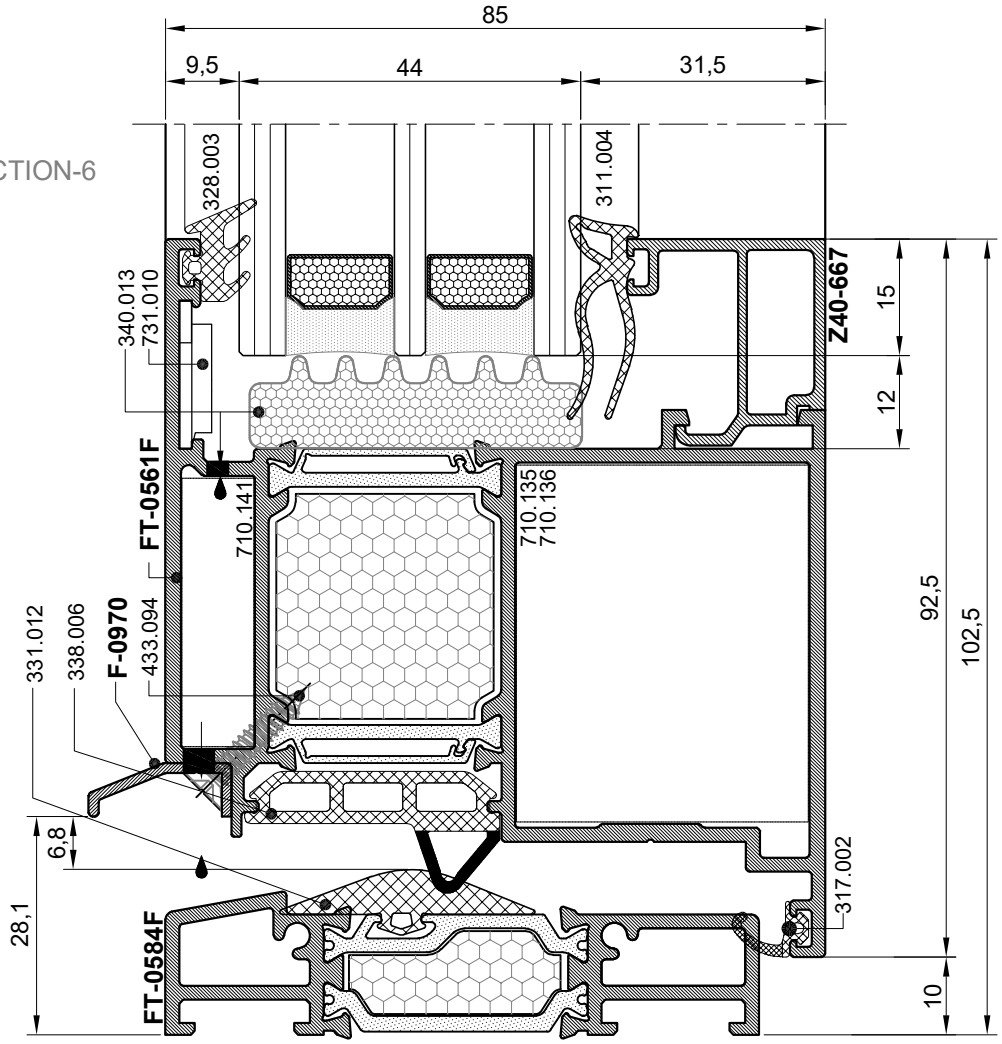
PRESJEK-5
CROSS SECTION-5

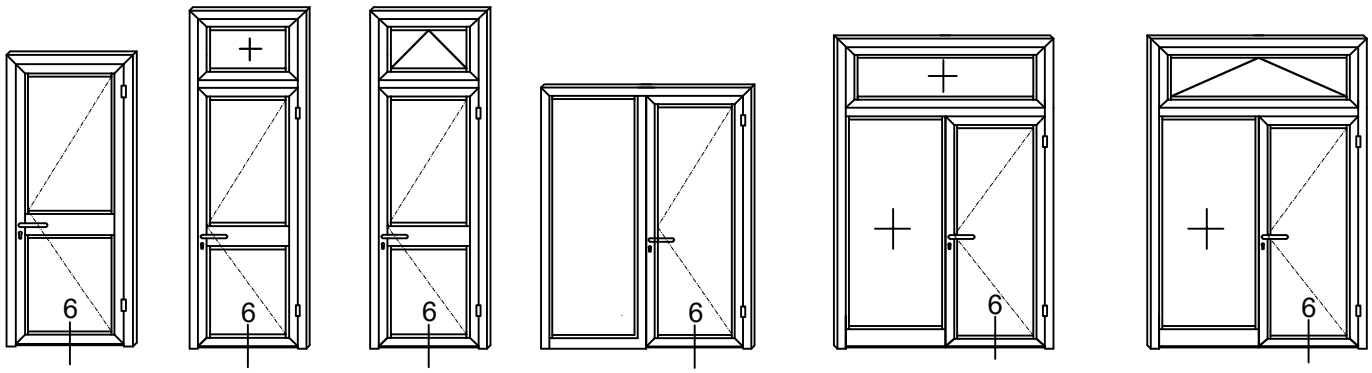






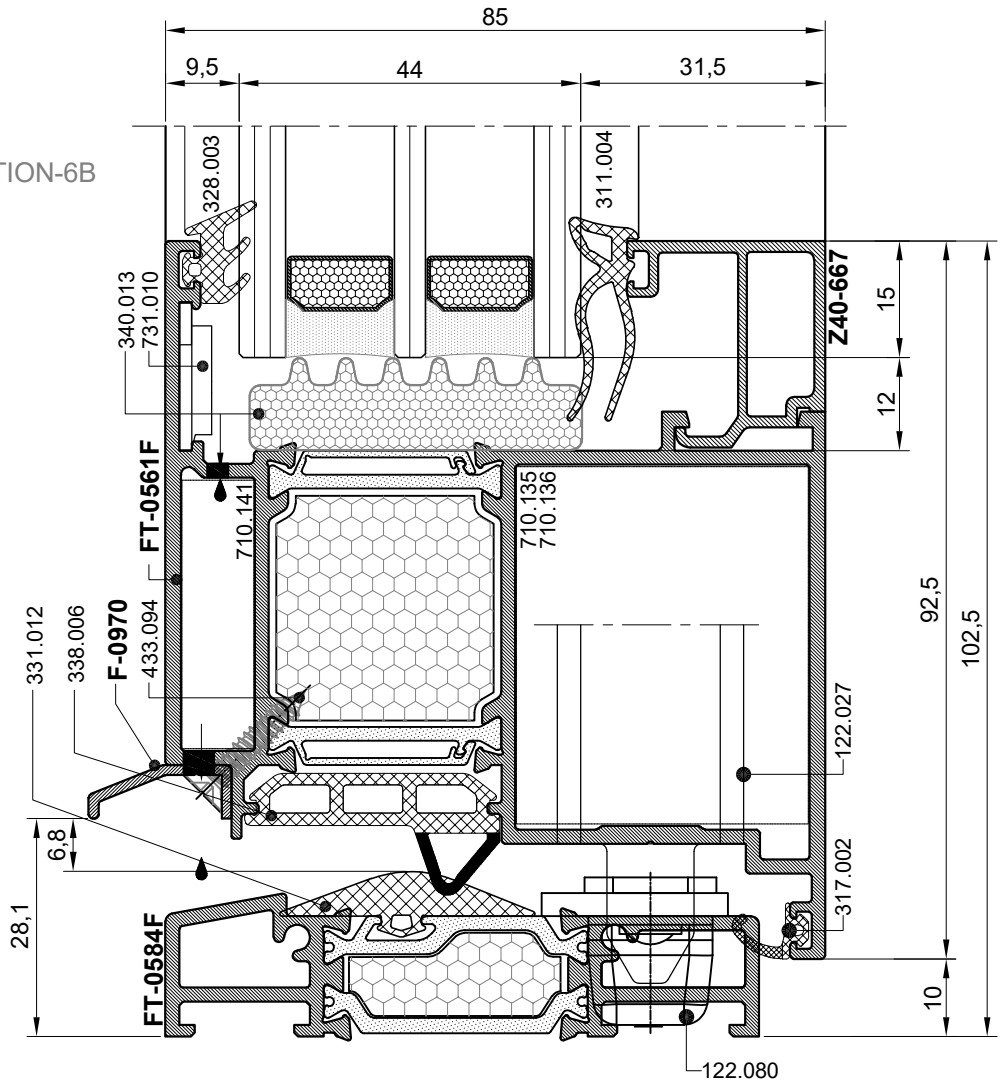
PRESJEK-6
CROSS SECTION-6

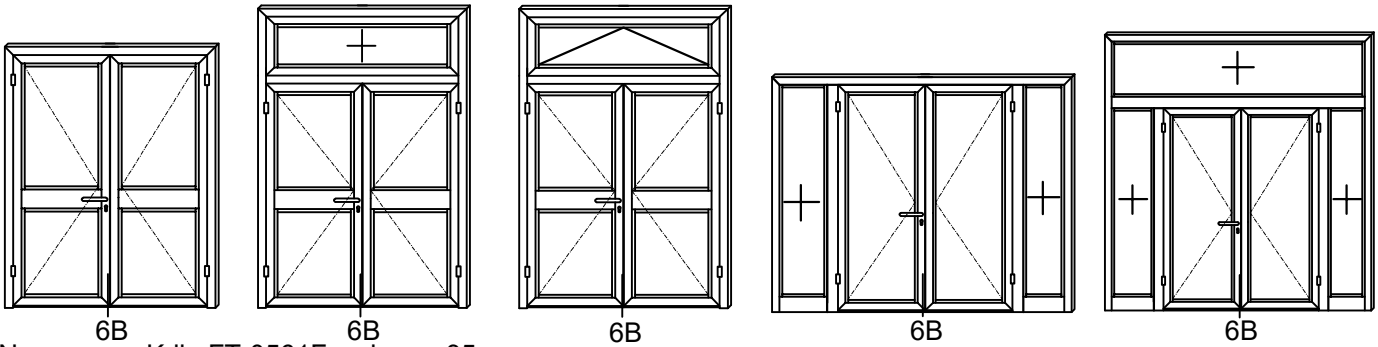




Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

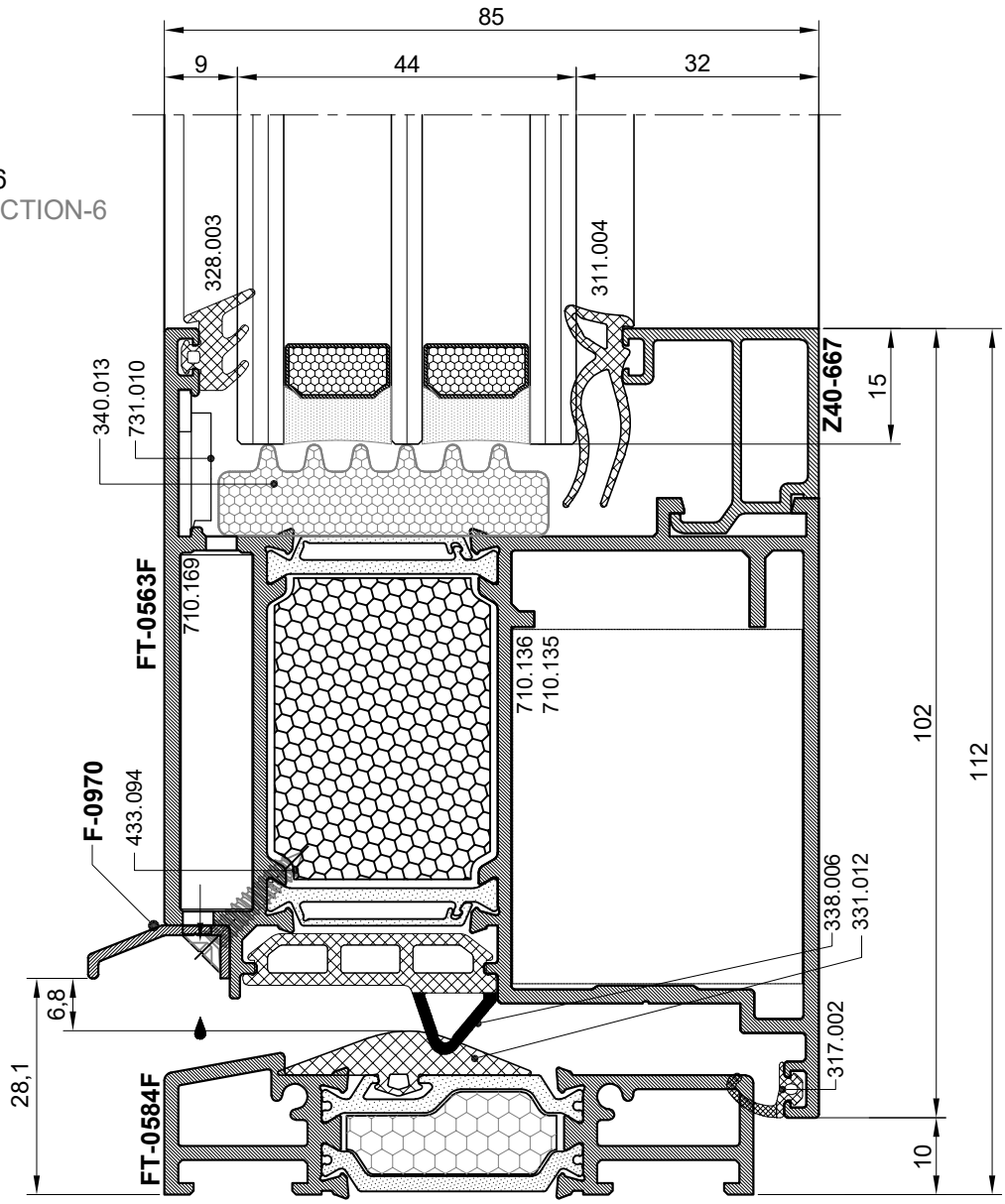
PRESJEK-6B
CROSS SECTION-6B

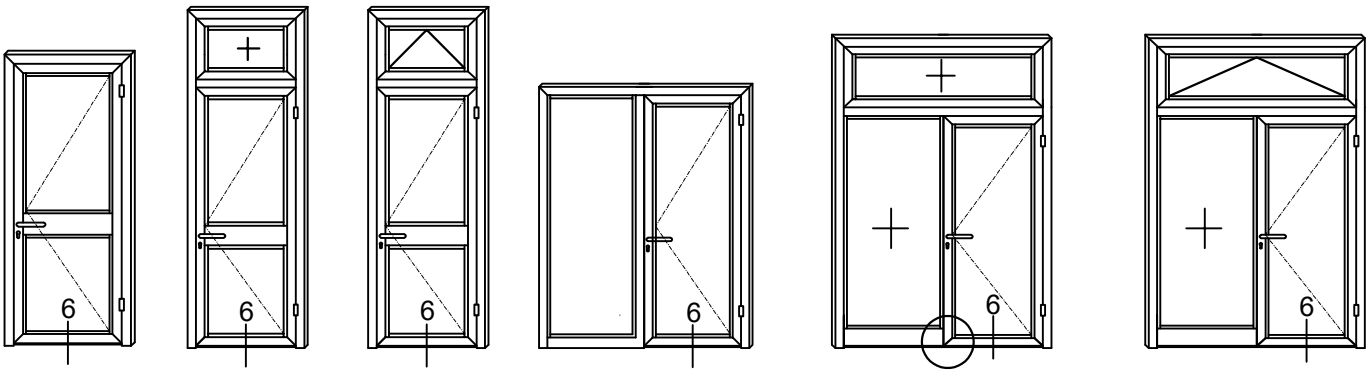




Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

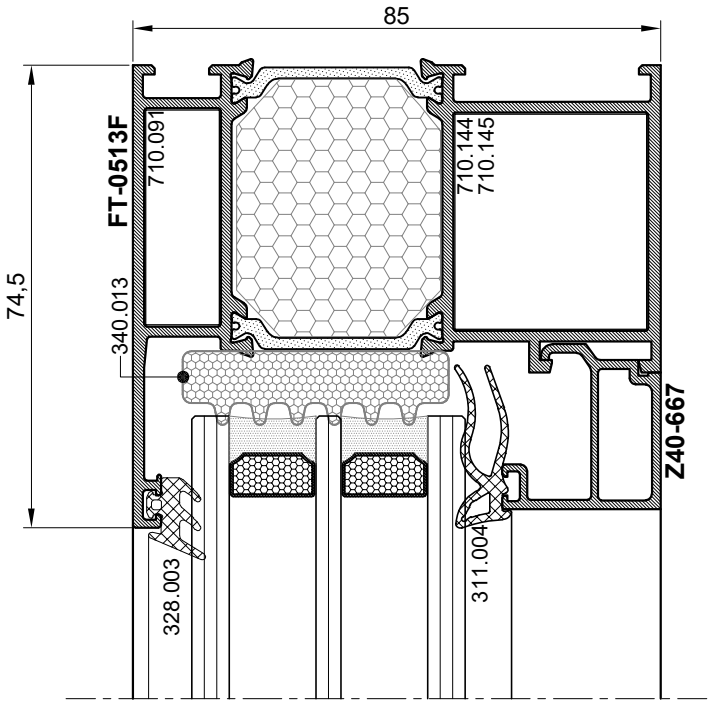
PRESJEK-6
CROSS SECTION-6

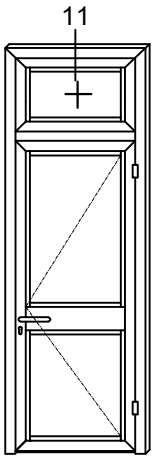


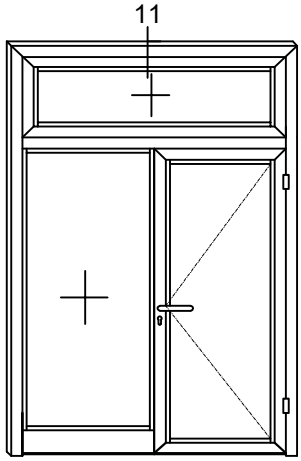


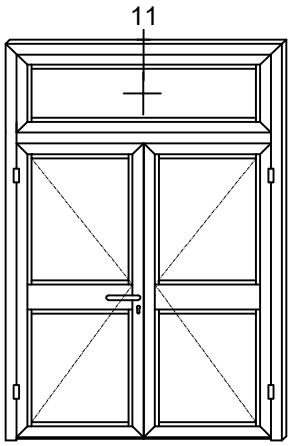
Napomena: Krilo FT-0563F za bravu 45 mm
Remark: Sash FT-0563F for lock 45 mm

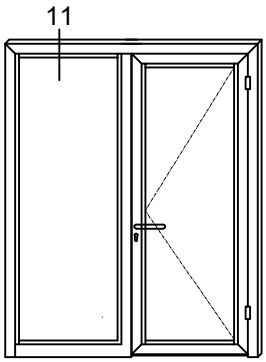
PRESJEK-11
CROSS SECTION-11

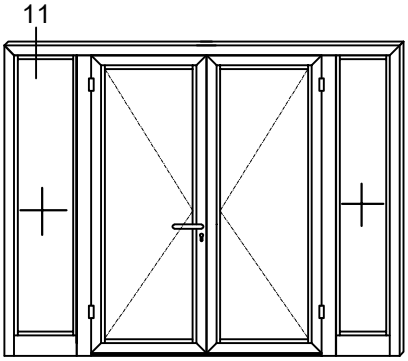


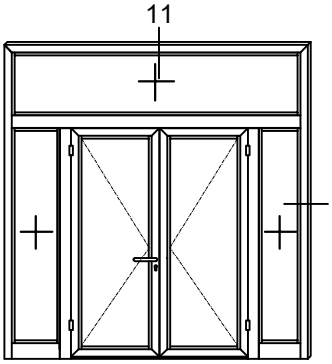




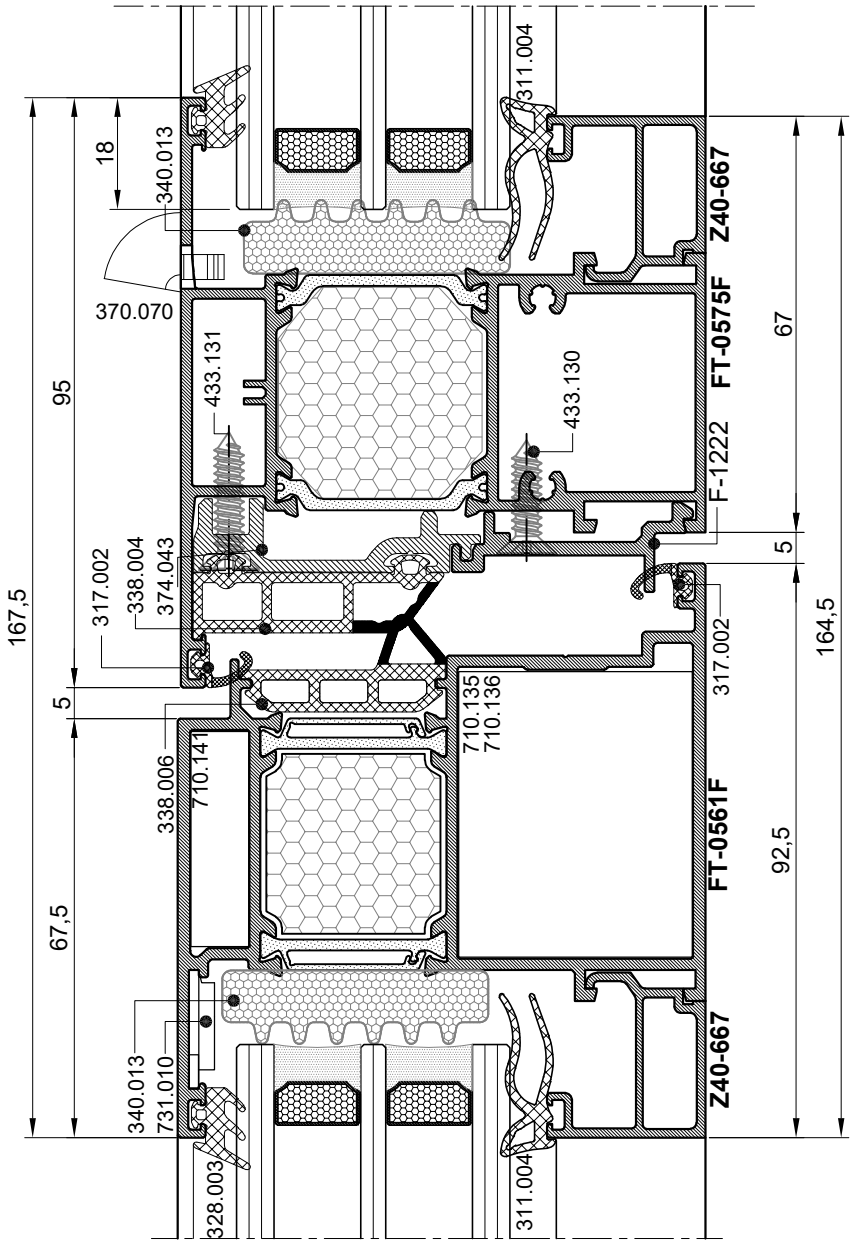


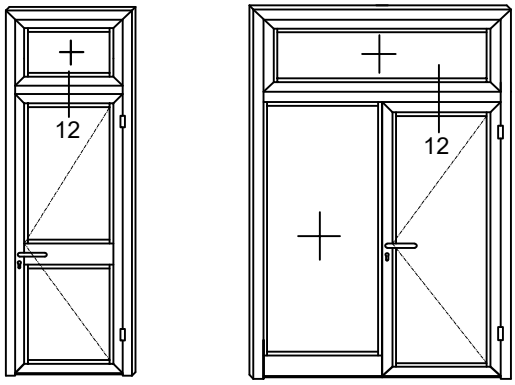






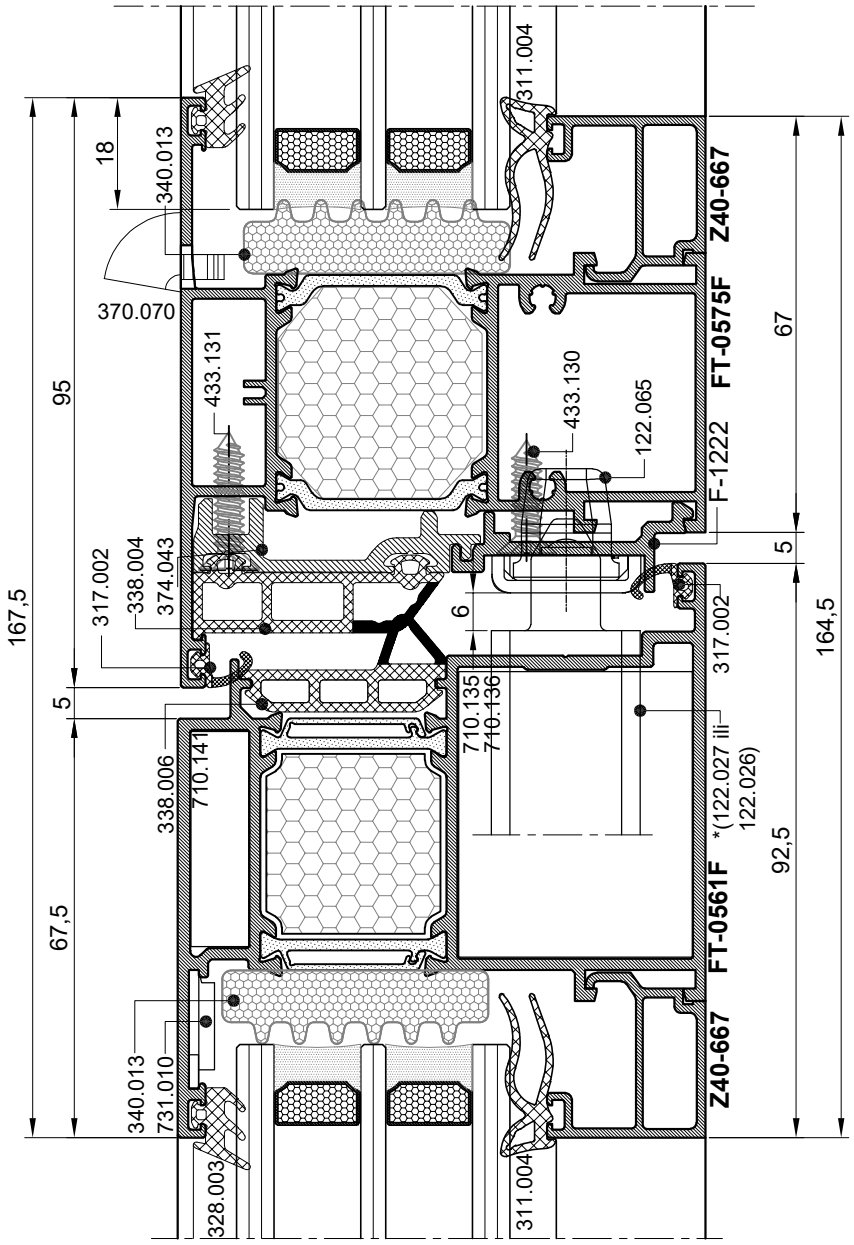
PRESJEK-12
CROSS SECTION-12





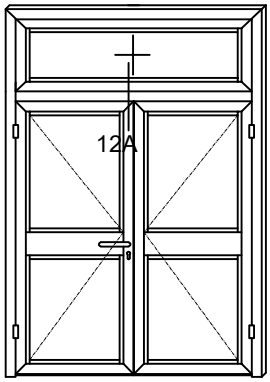
Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

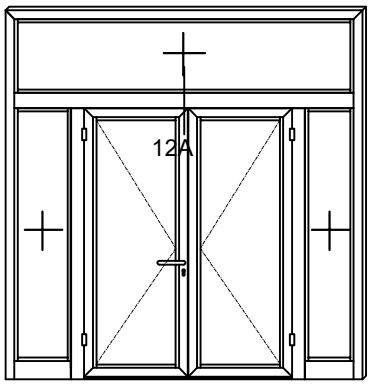
PRESJEK-12
CROSS SECTION-12



* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata. Za više informacija pogledajte poglavlje mehanizmi.

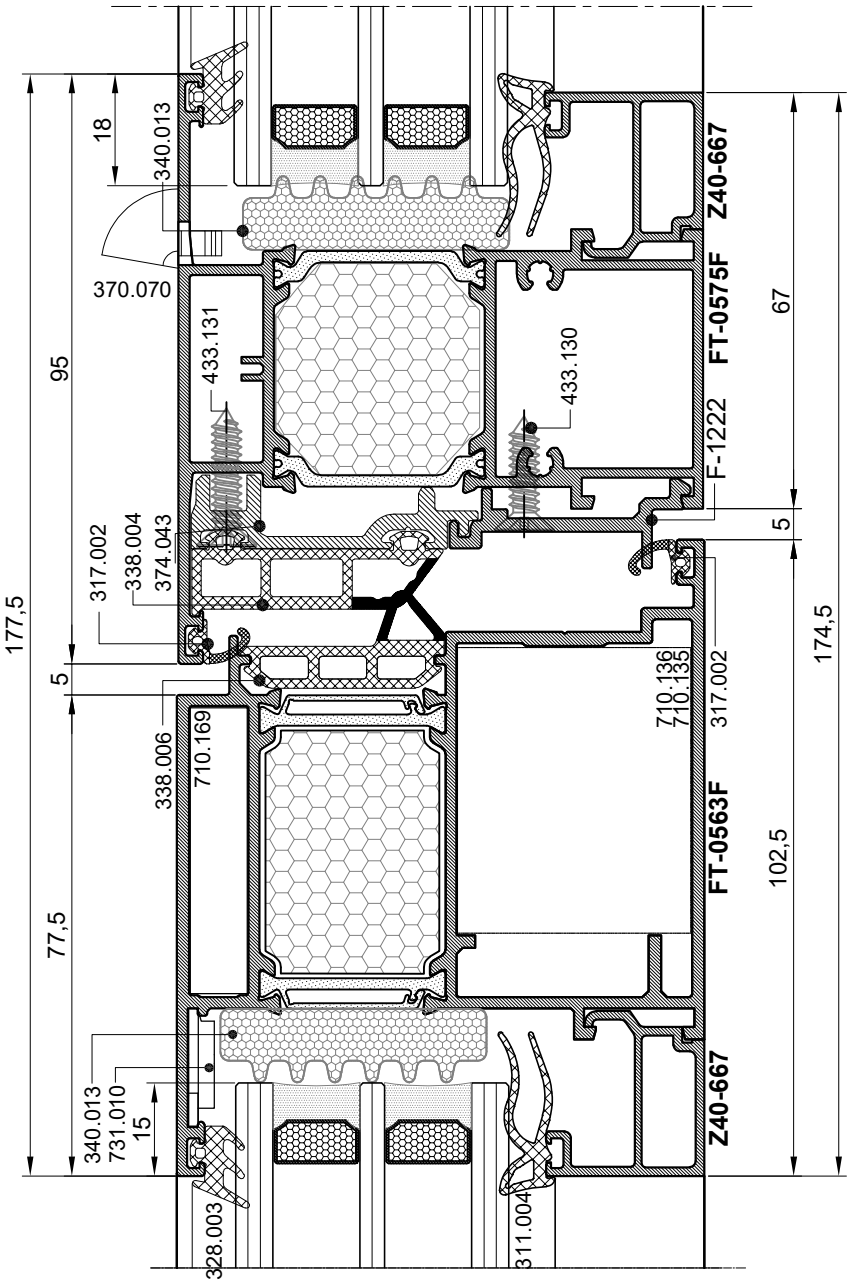
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

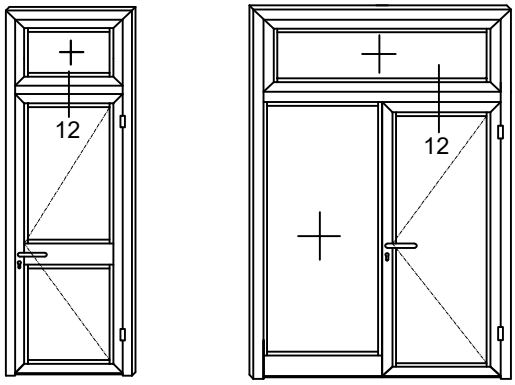




Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

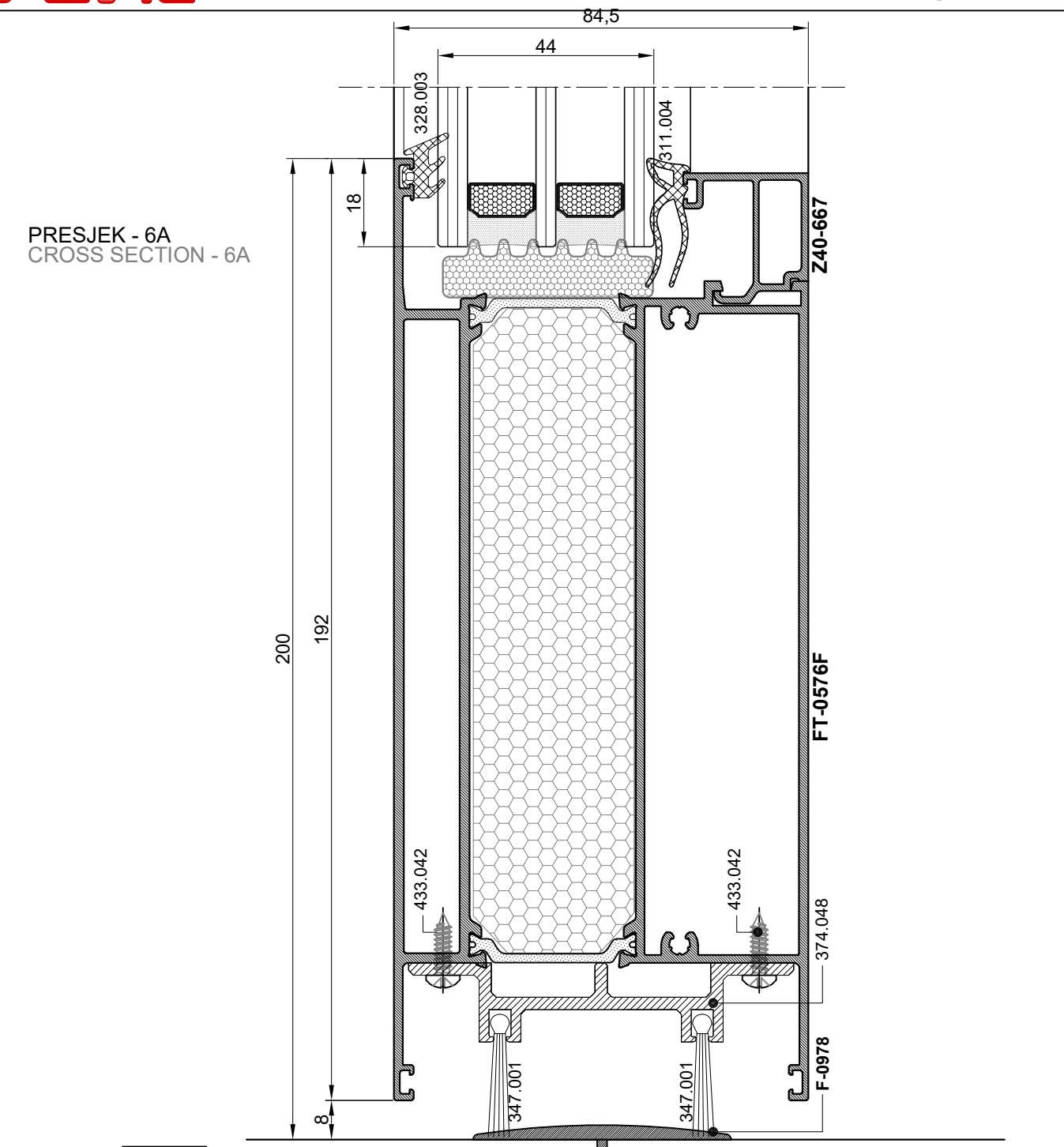
PRESJEK-12
CROSS SECTION-12

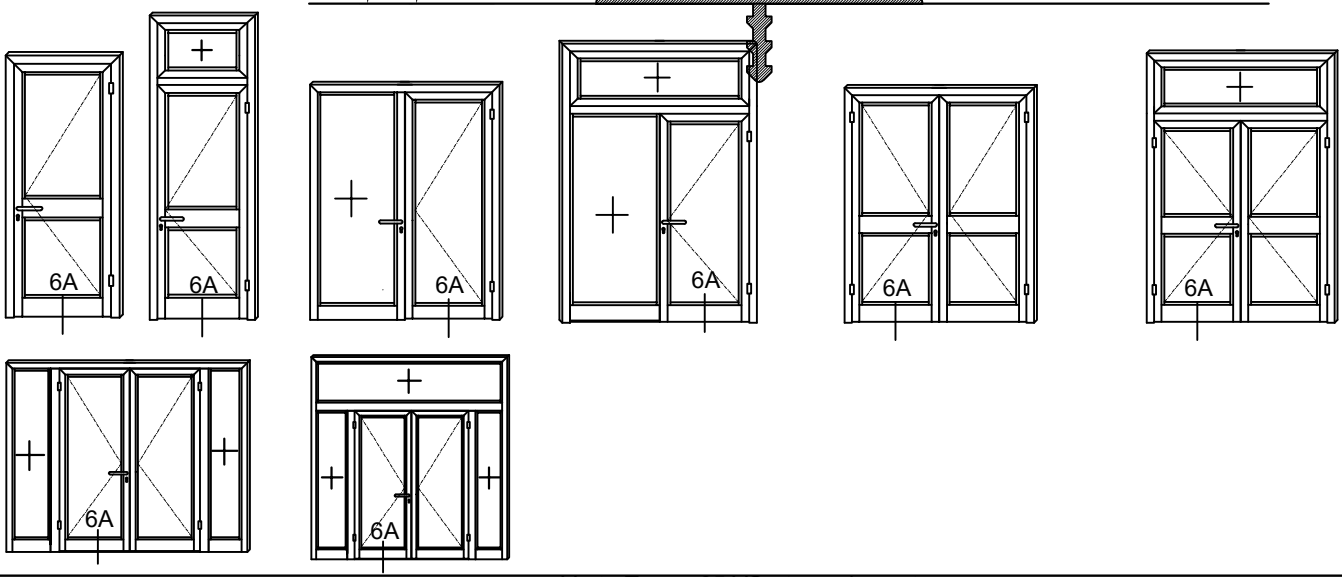




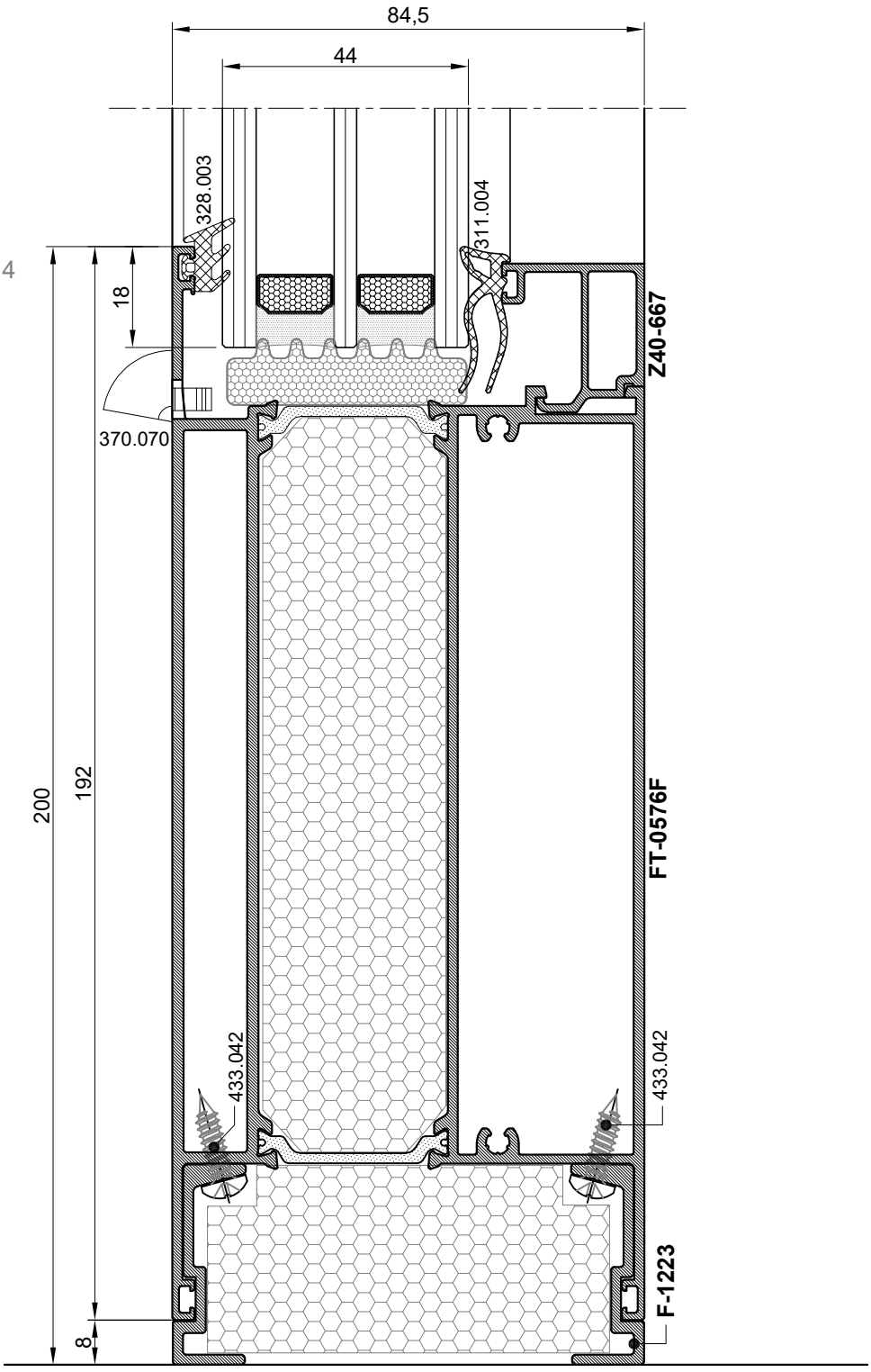
Napomena: Krilo FT-0563F za bravu 45 mm
Remark: Sash FT-0563F for lock 45 mm

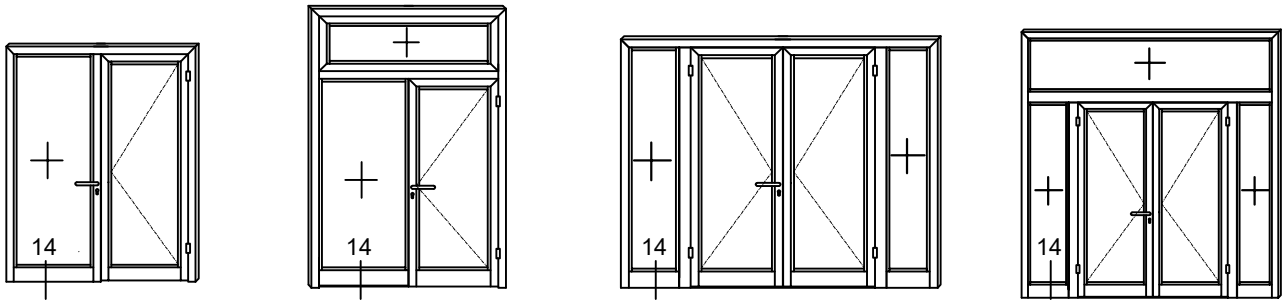
PRESJEK - 6A
CROSS SECTION - 6A



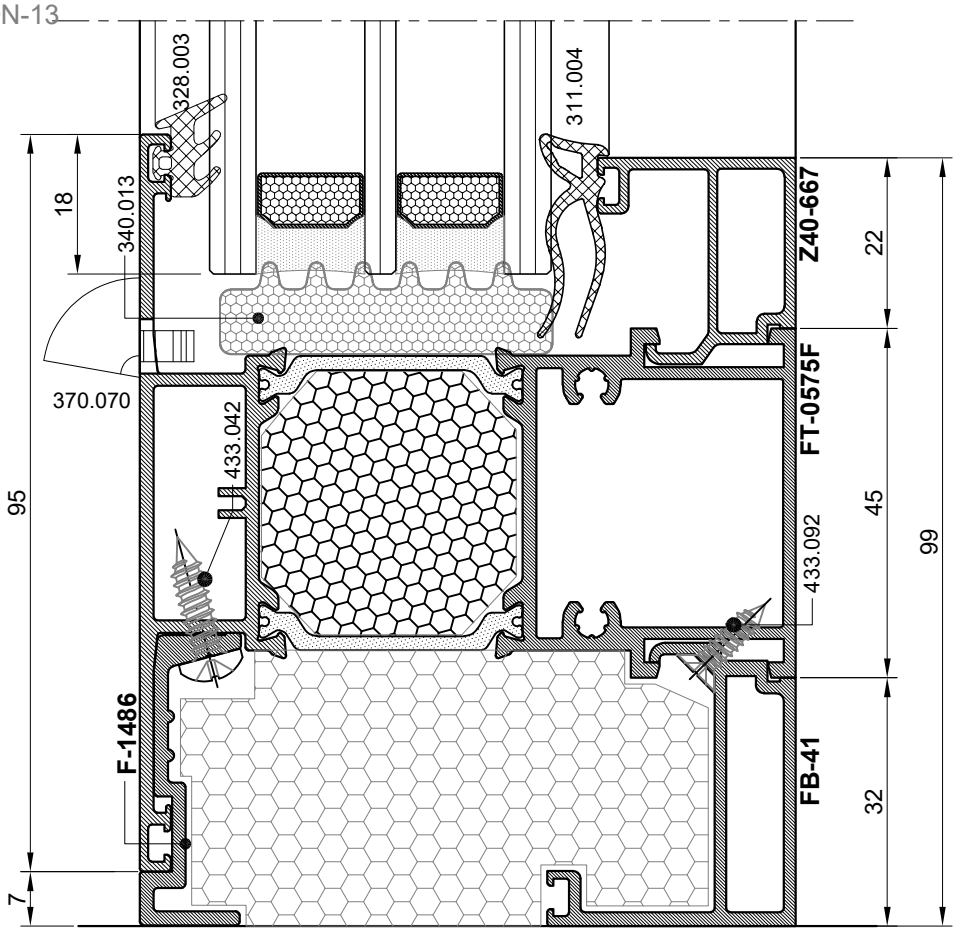


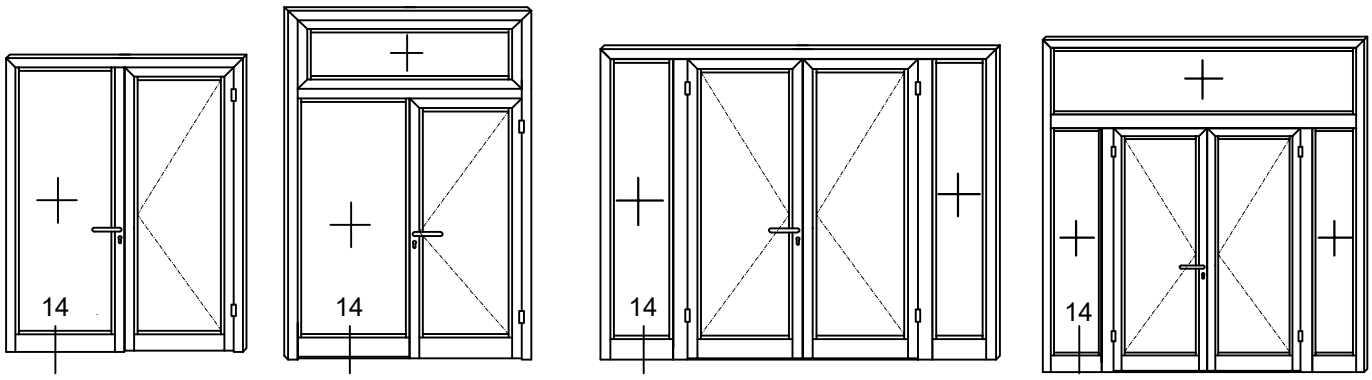
PRESJEK-14
CROSS SECTION-14



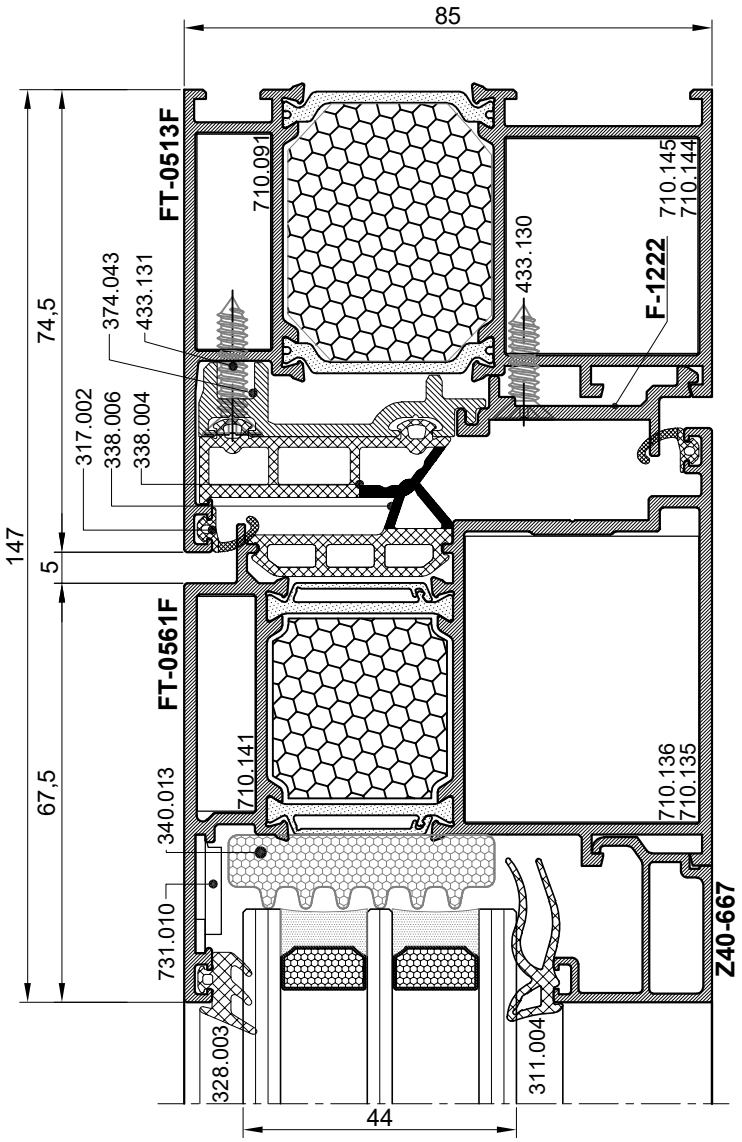


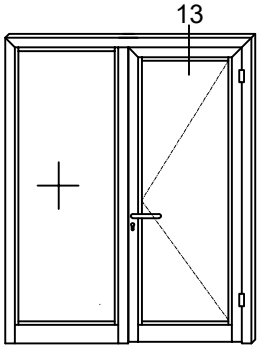
PRESJEK-13
CROSS SECTION-13





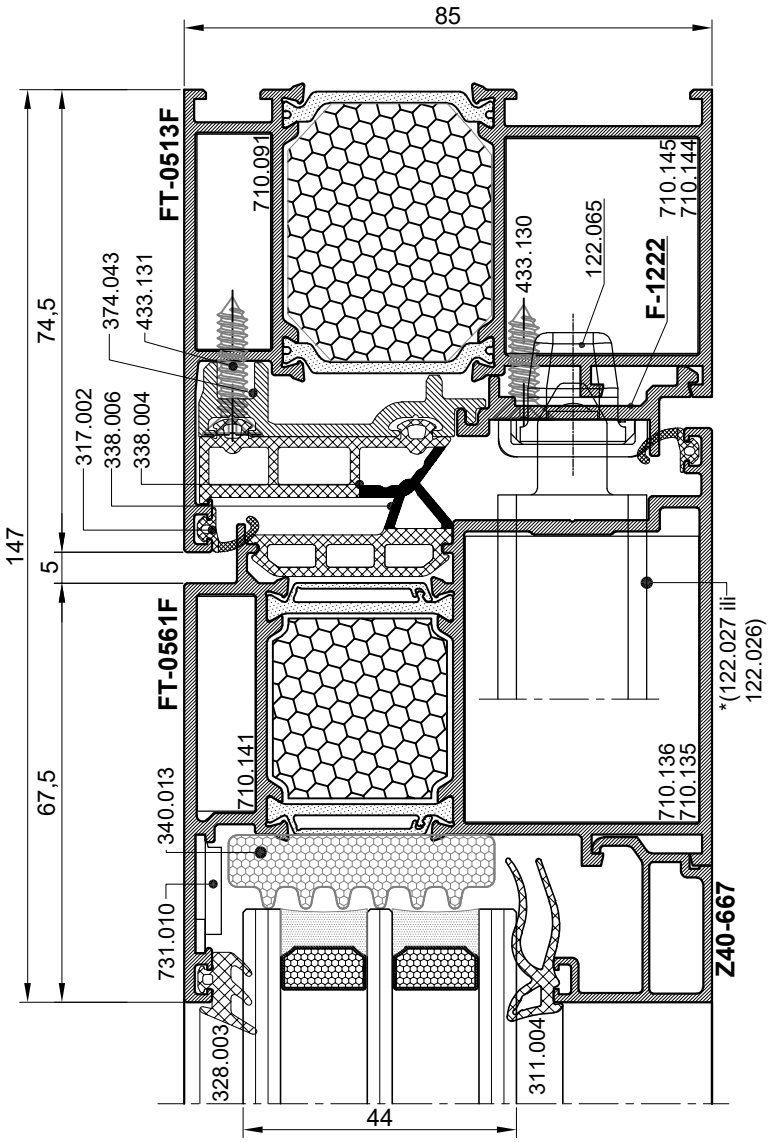
PRESJEK-13
CROSS SECTION-13





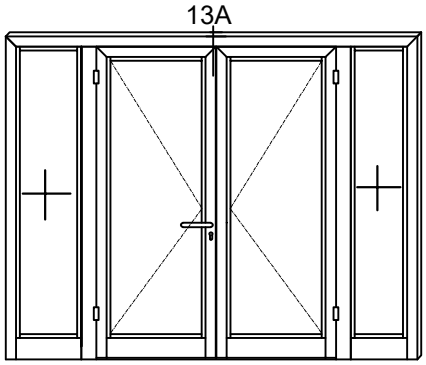
Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

PRESJEK-13
CROSS SECTION-13



* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata. Za više informacija pogledajte poglavlje mehanizmi.

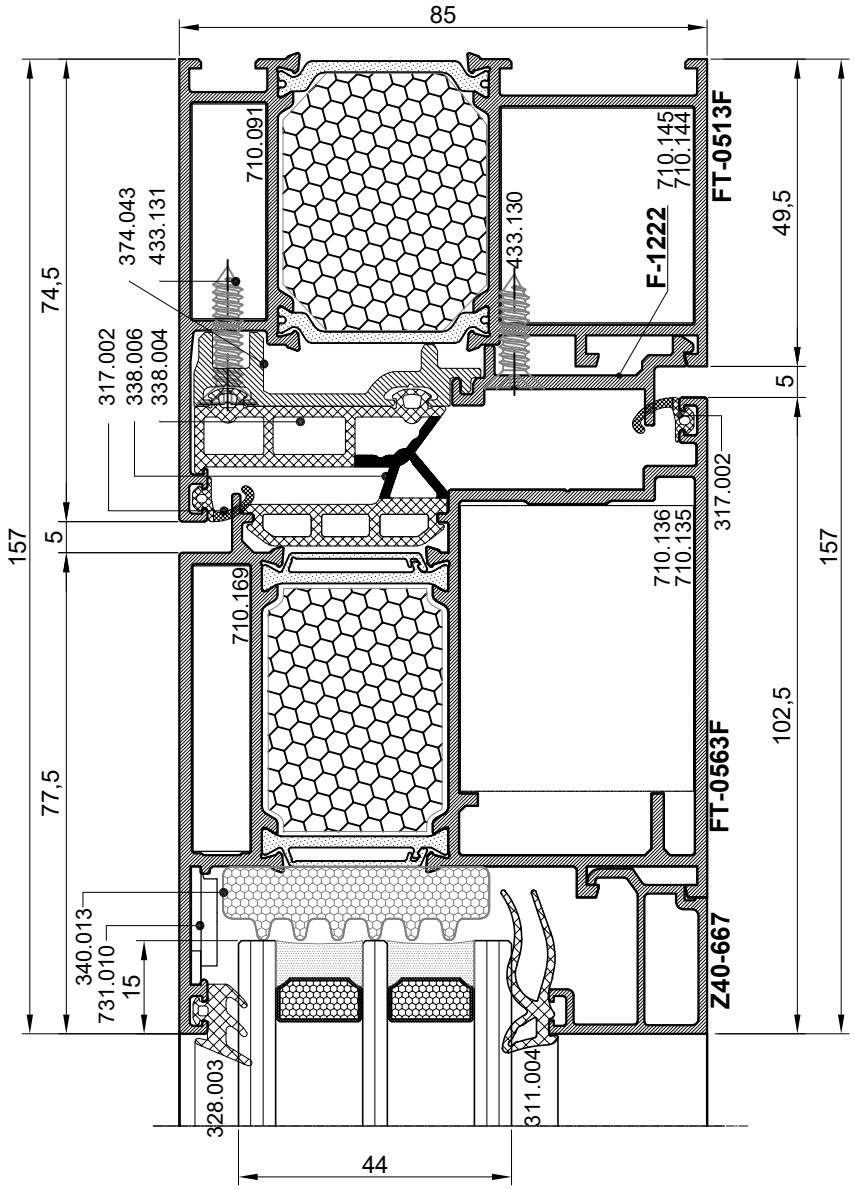
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

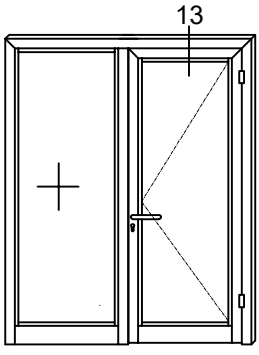


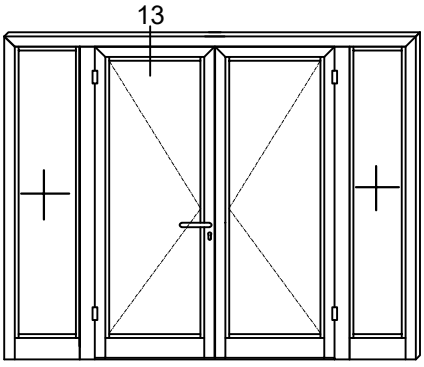
Napomena: Krilo FT-0561F za bravu 35 mm

Remark: Sash FT-0561F for lock 35 mm

PRESJEK-13
CROSS SECTION-13

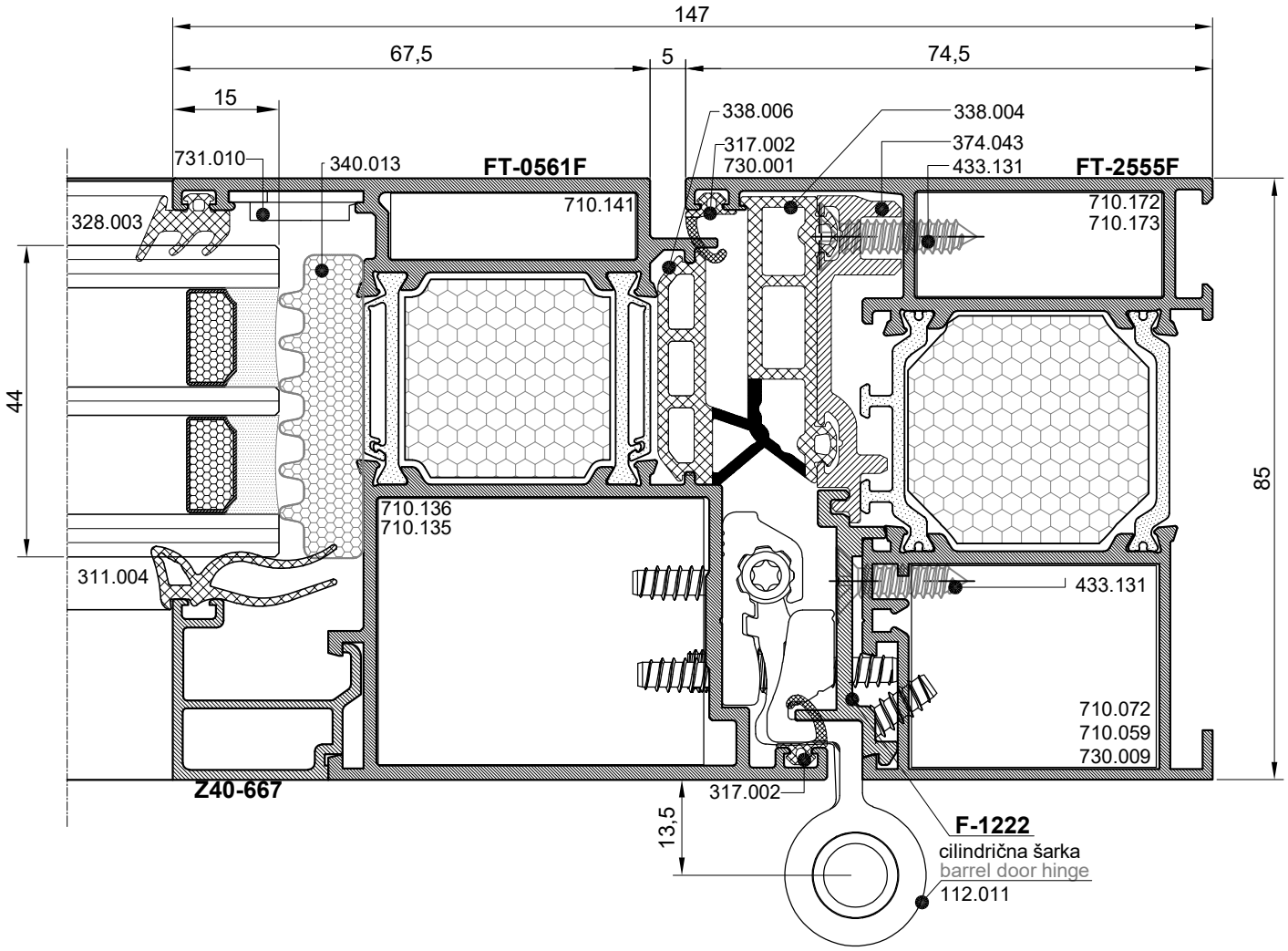


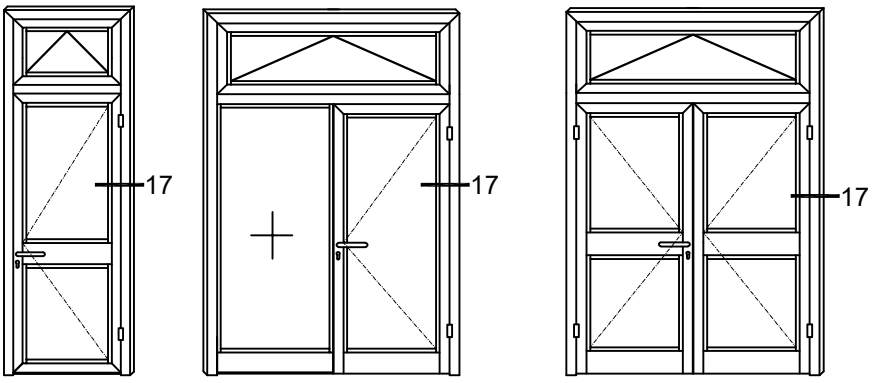




Napomena: Krilo FT-0563F za bravu 45 mm
Remark: Sash FT-0563F for lock 45 mm

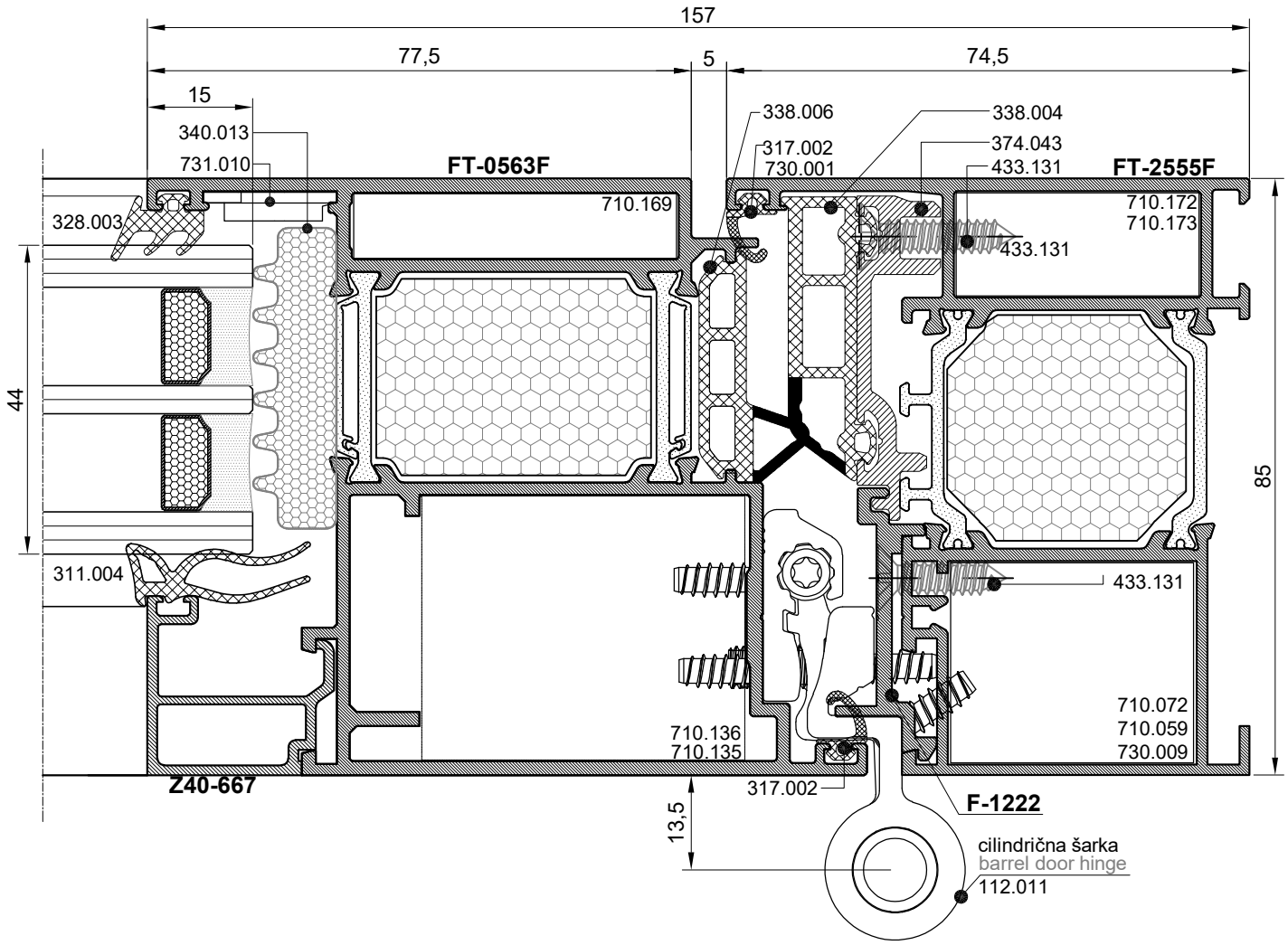
PRESJEK-17
CROSS SECTION-17

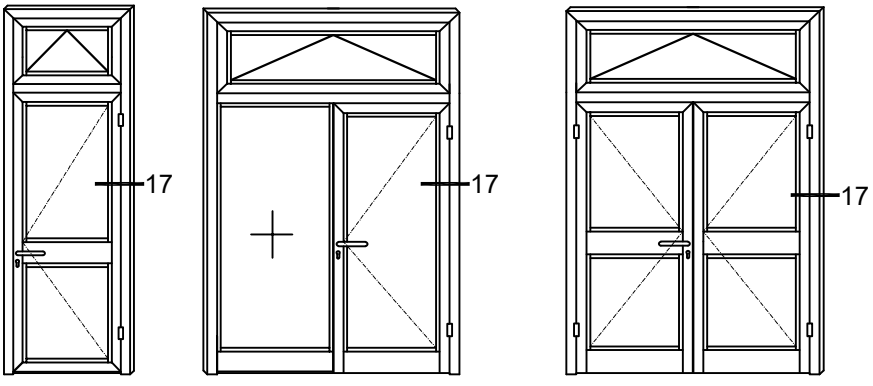




Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

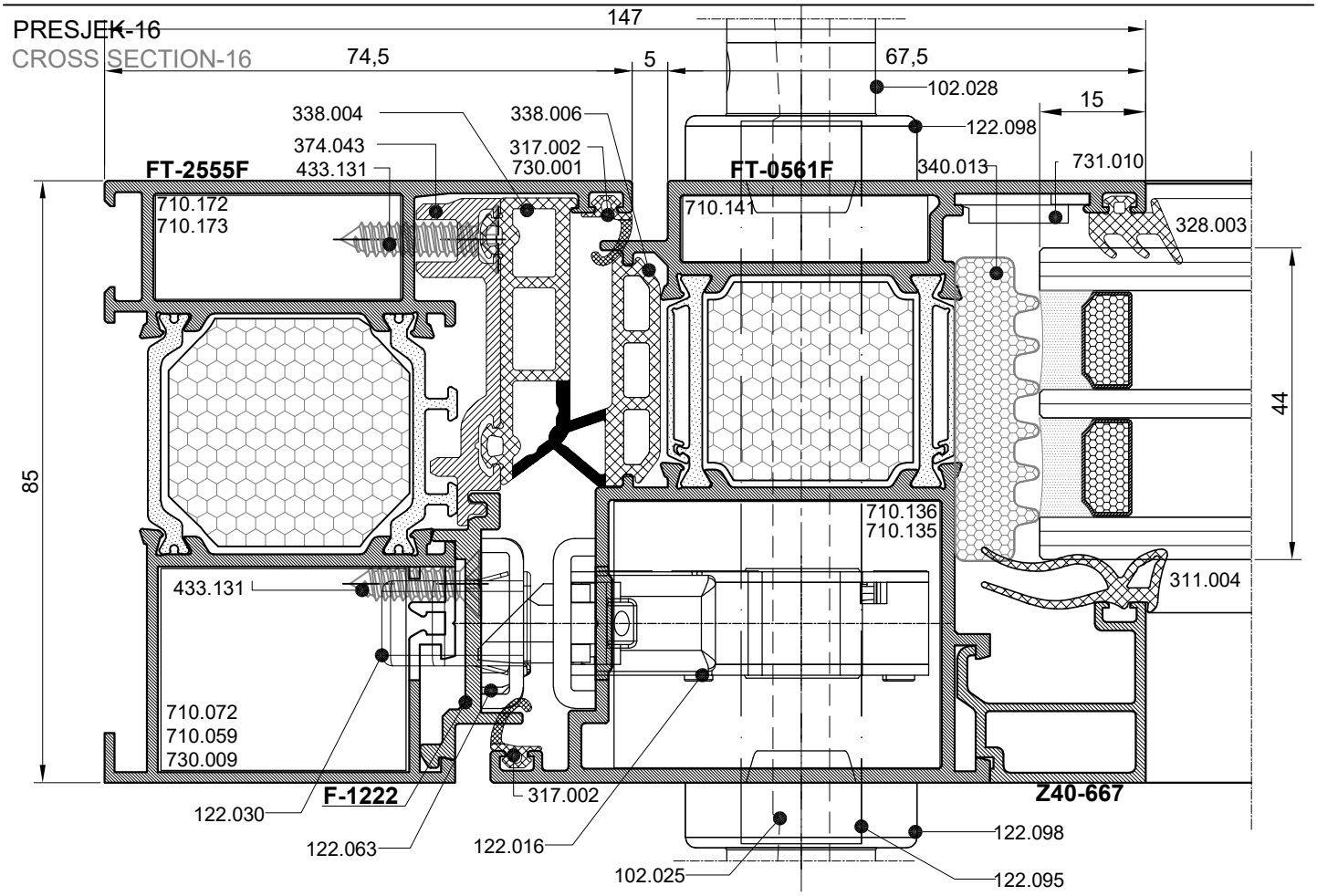
PRESJEK-17
CROSS SECTION-17

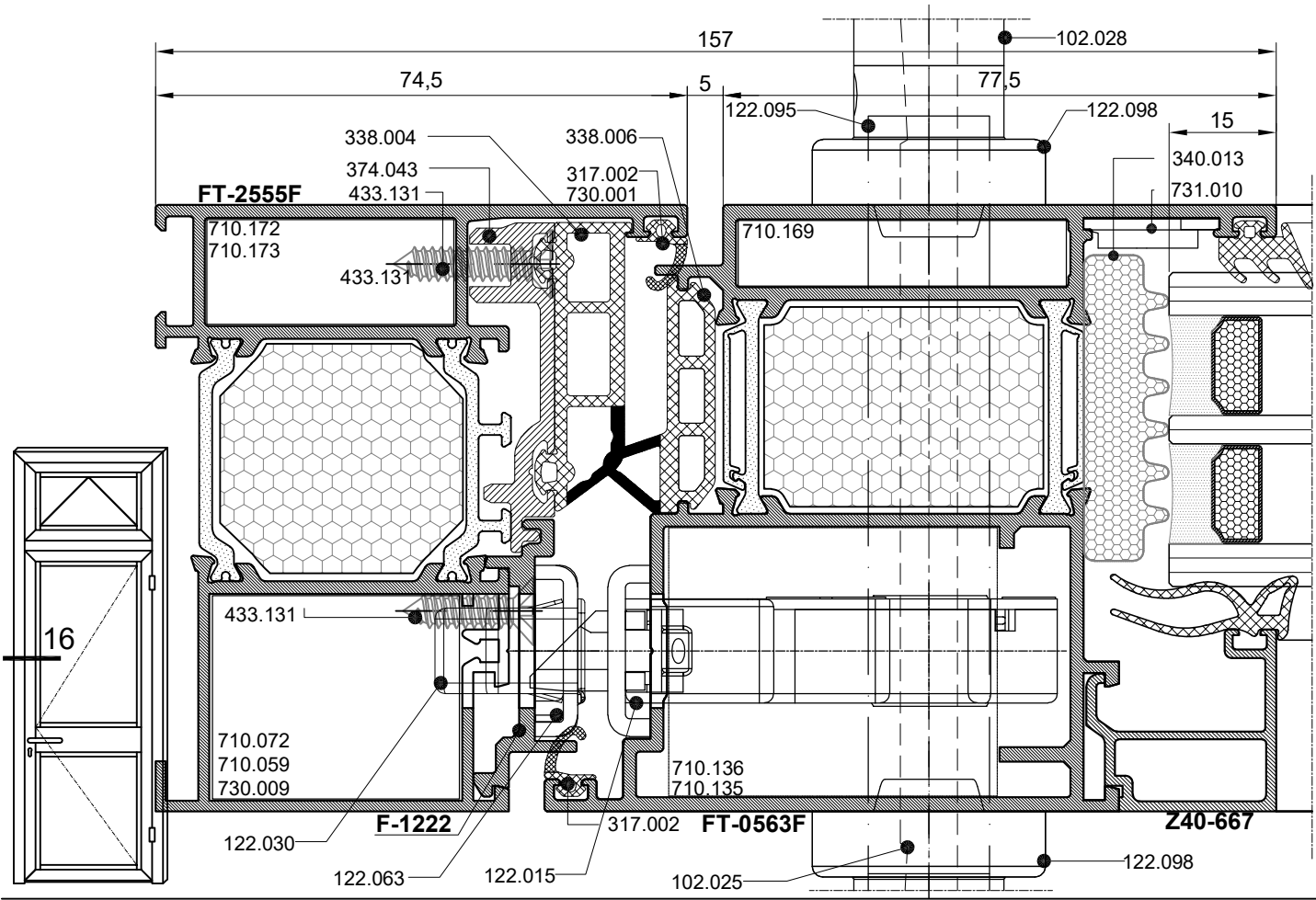


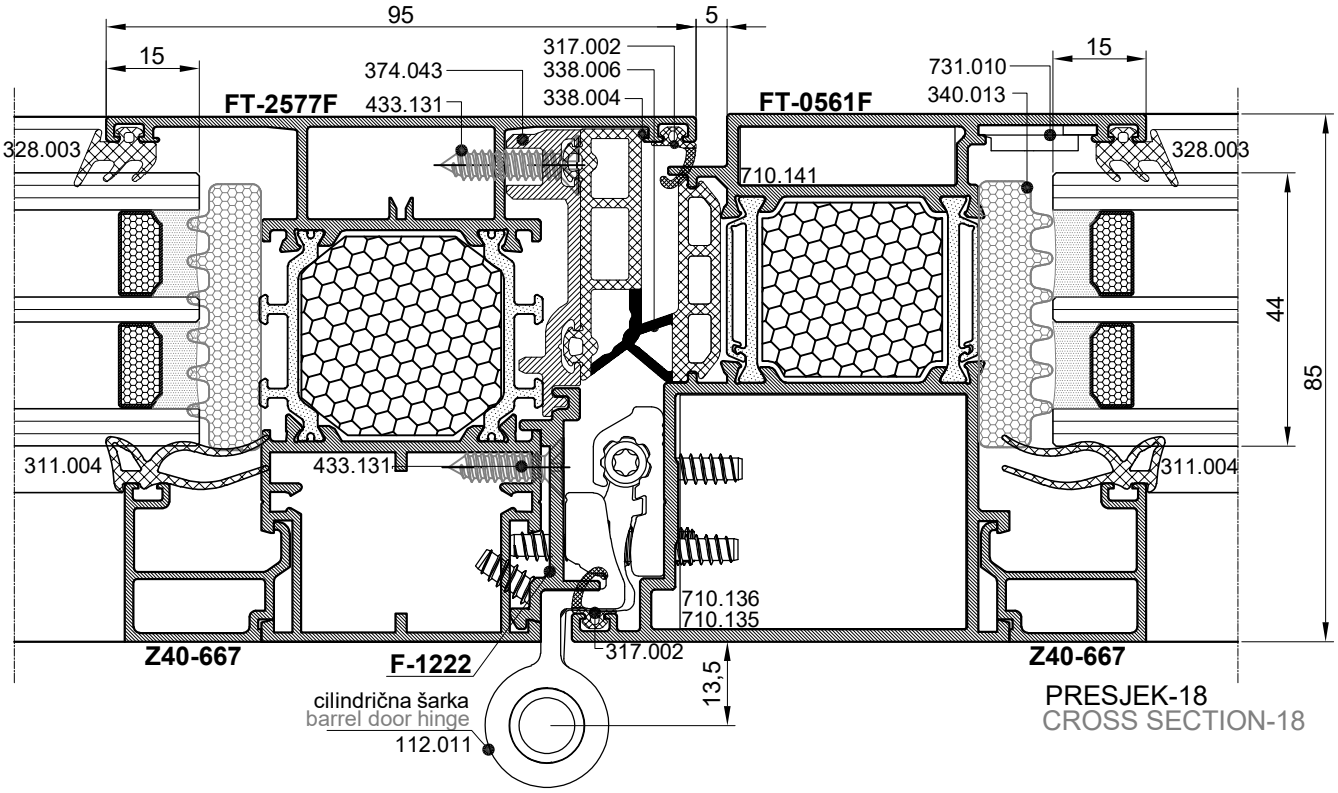


Napomena: Krilo FT-0563F za bravu 45 mm
Remark: Sash FT-0563F for lock 45 mm

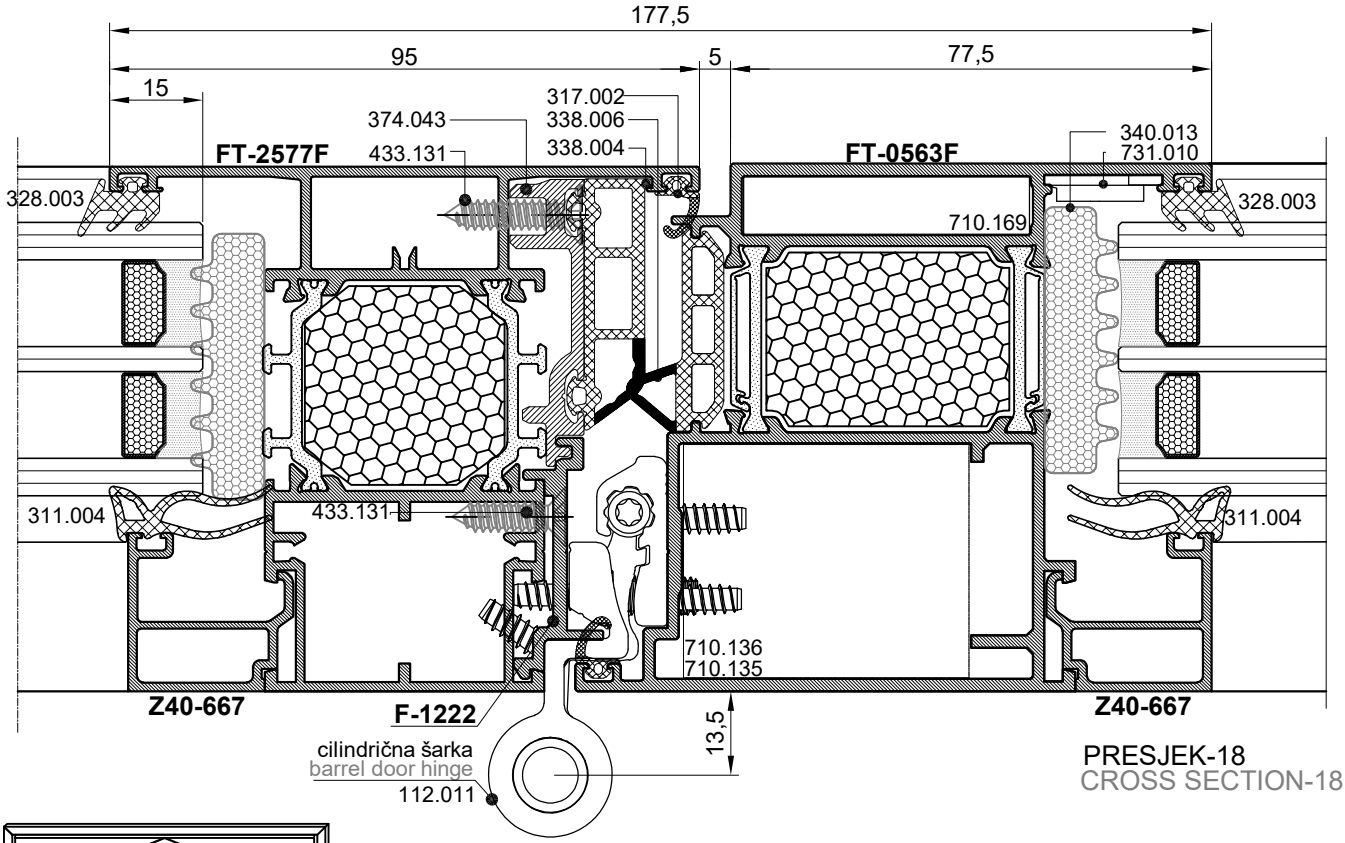
PRESJEK-16
CROSS SECTION-16



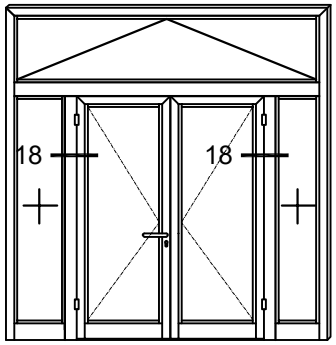




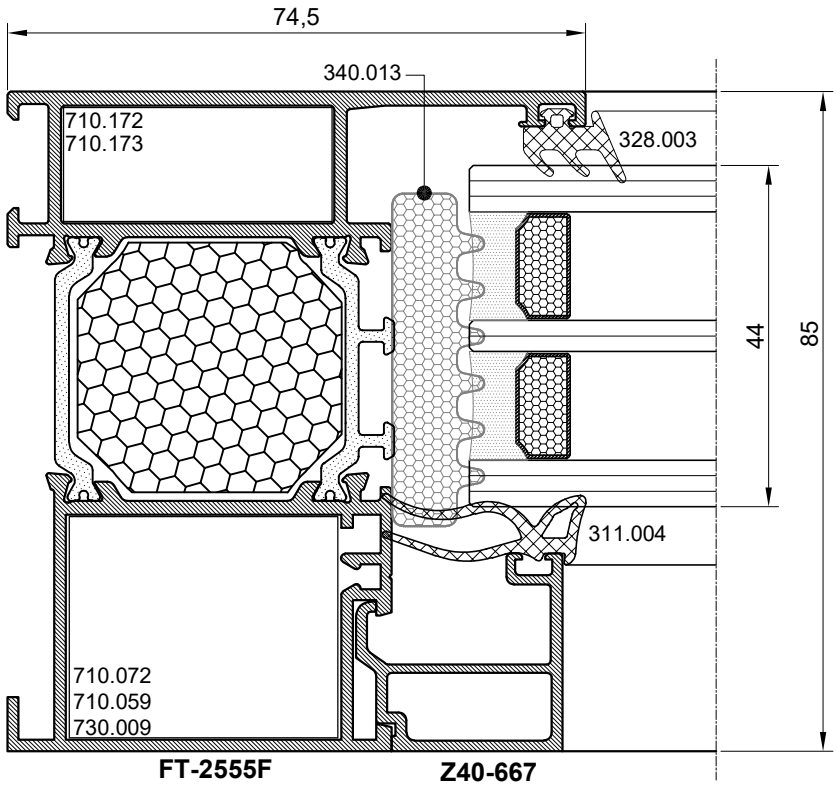
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CROSS SECTION-18

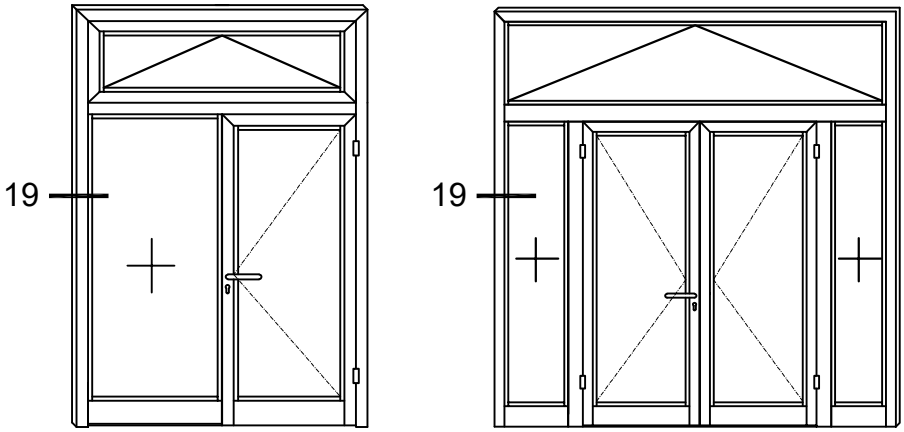


PRESJEK-18
CROSS SECTION-18

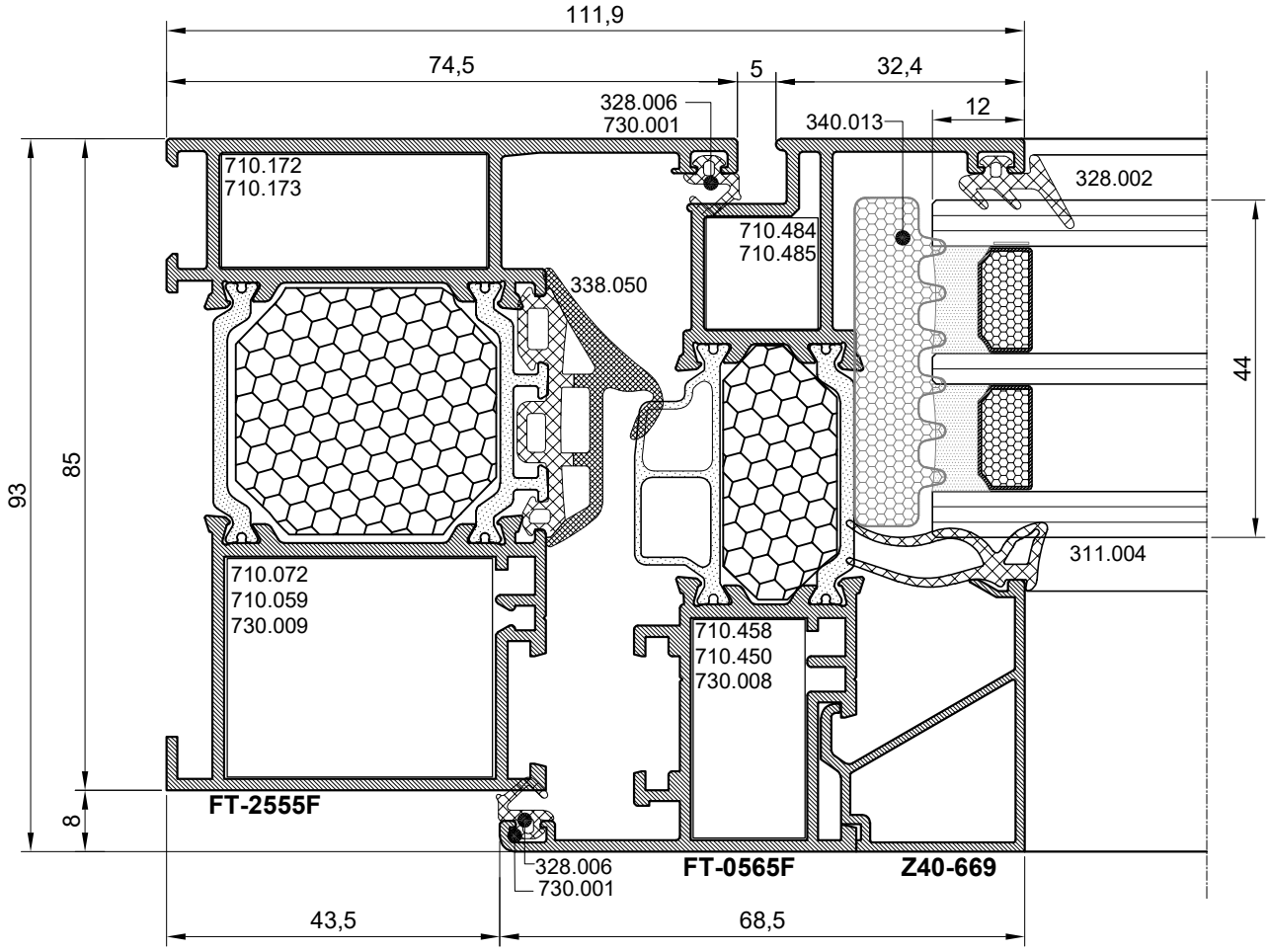


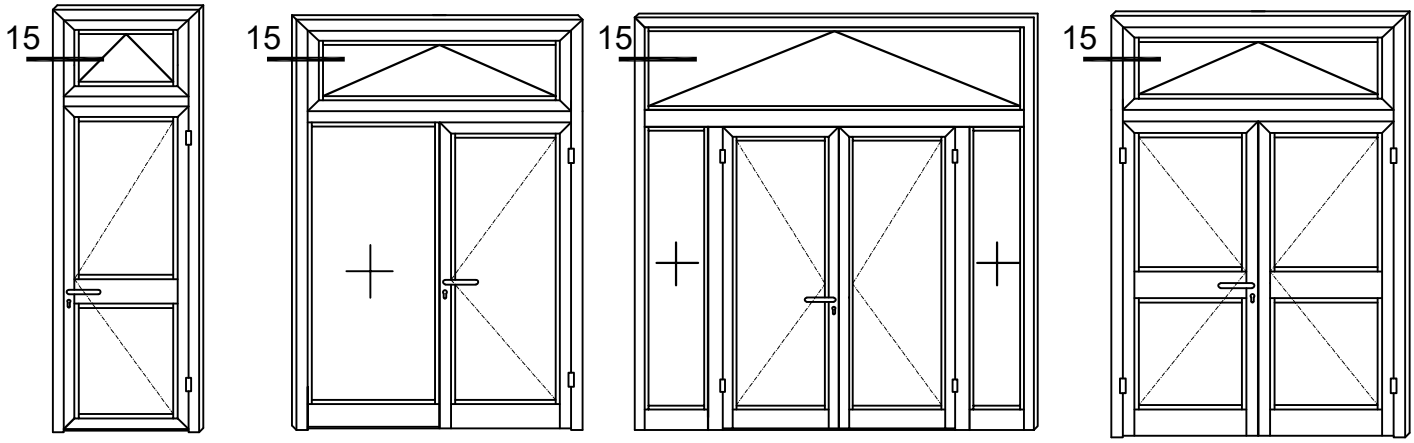
PRESJEK-19
CROSS SECTION-19



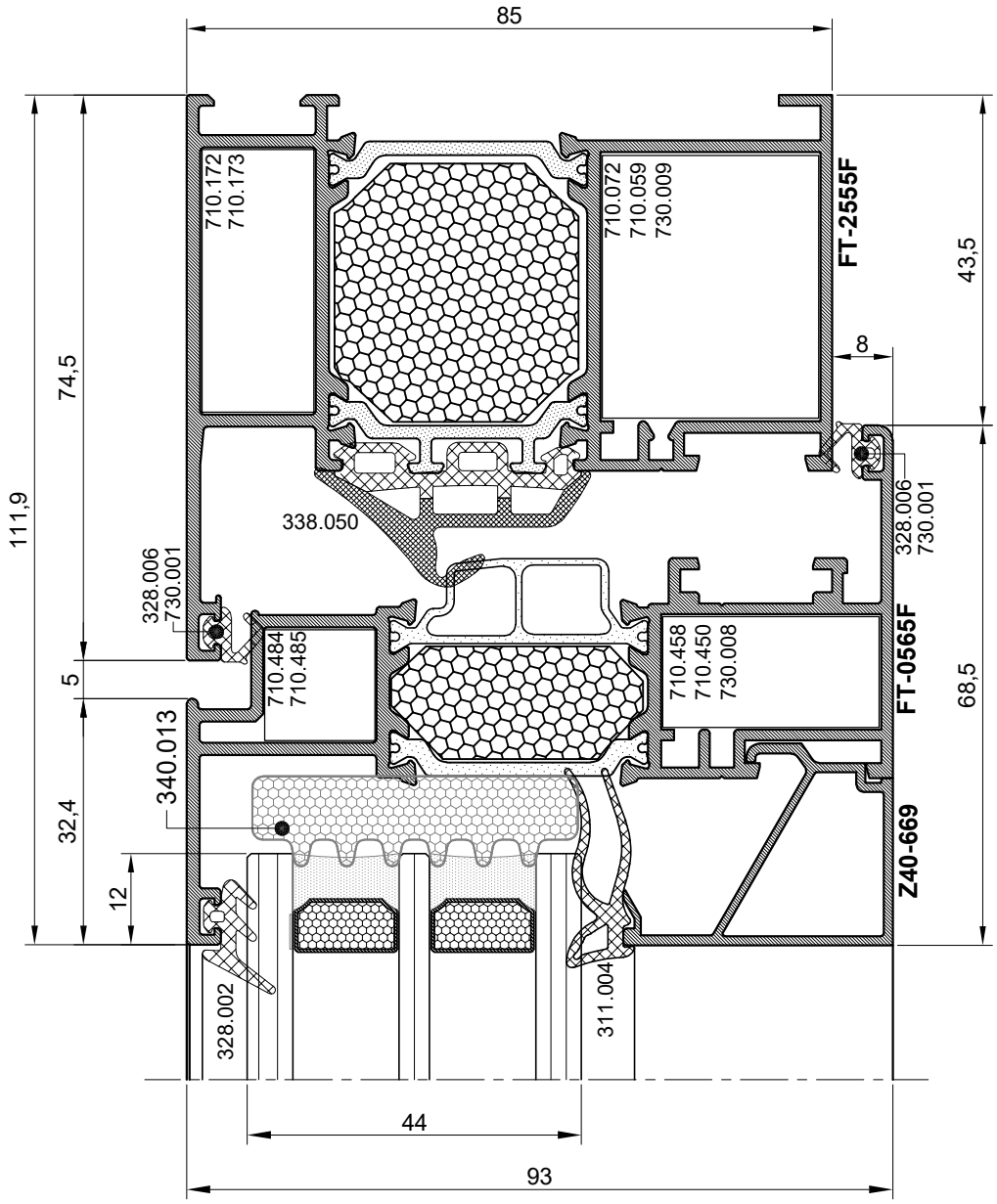


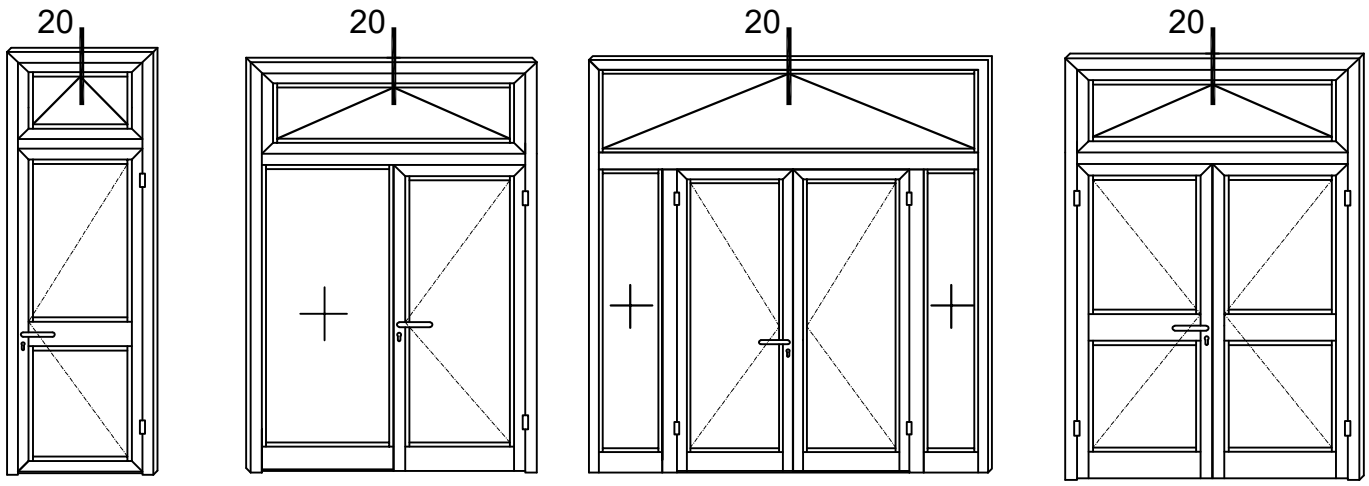
PRESJEK-15
CROSS SECTION-15



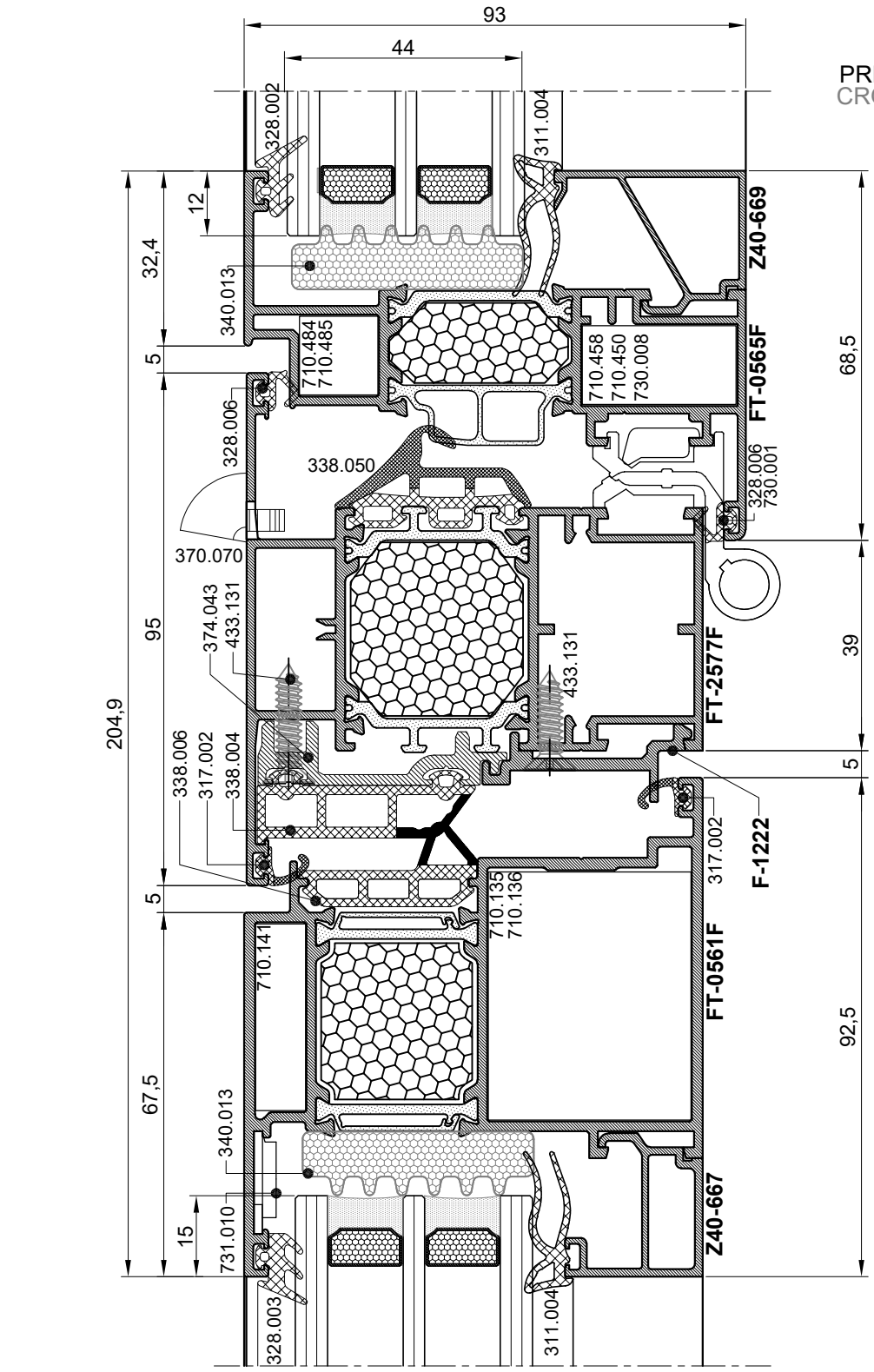


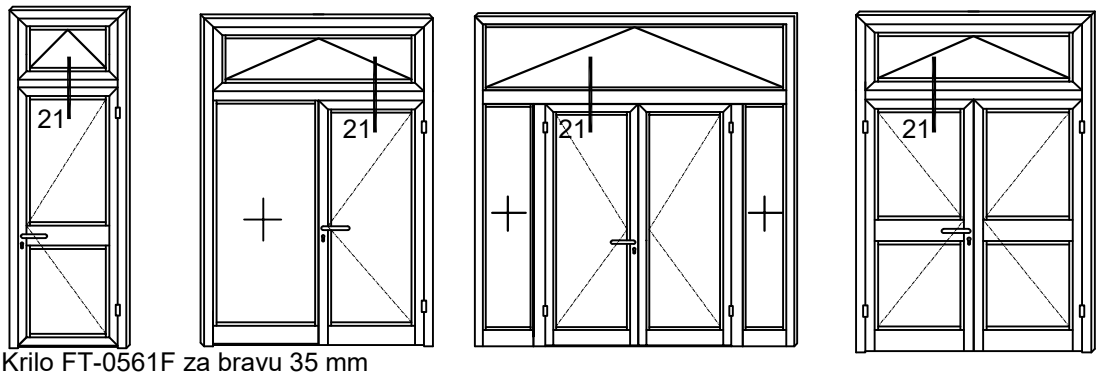
PRESJEK-20
CROSS SECTION-20





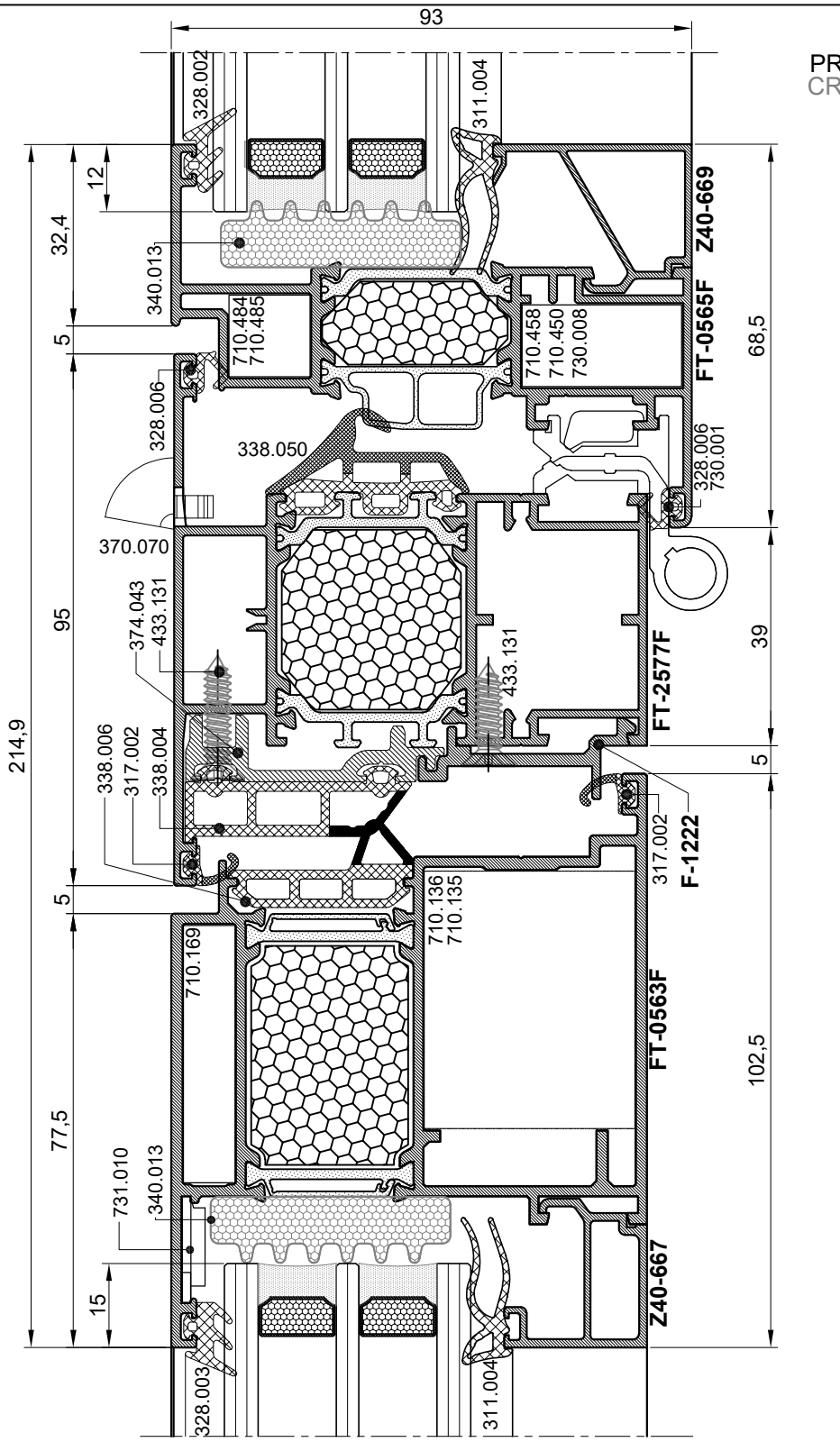
PRESJEK-21
CROSS SECTION-21

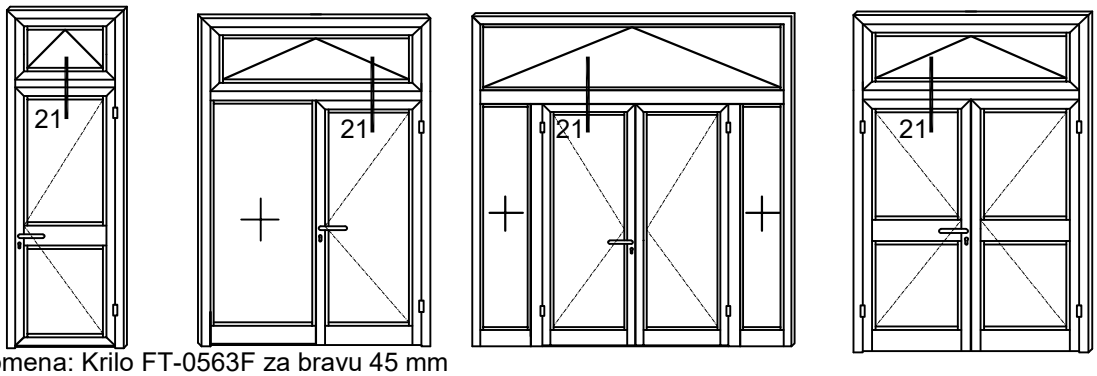




Napomena: Krilo FT-0561F za bravu 35 mm
Remark: Sash FT-0561F for lock 35 mm

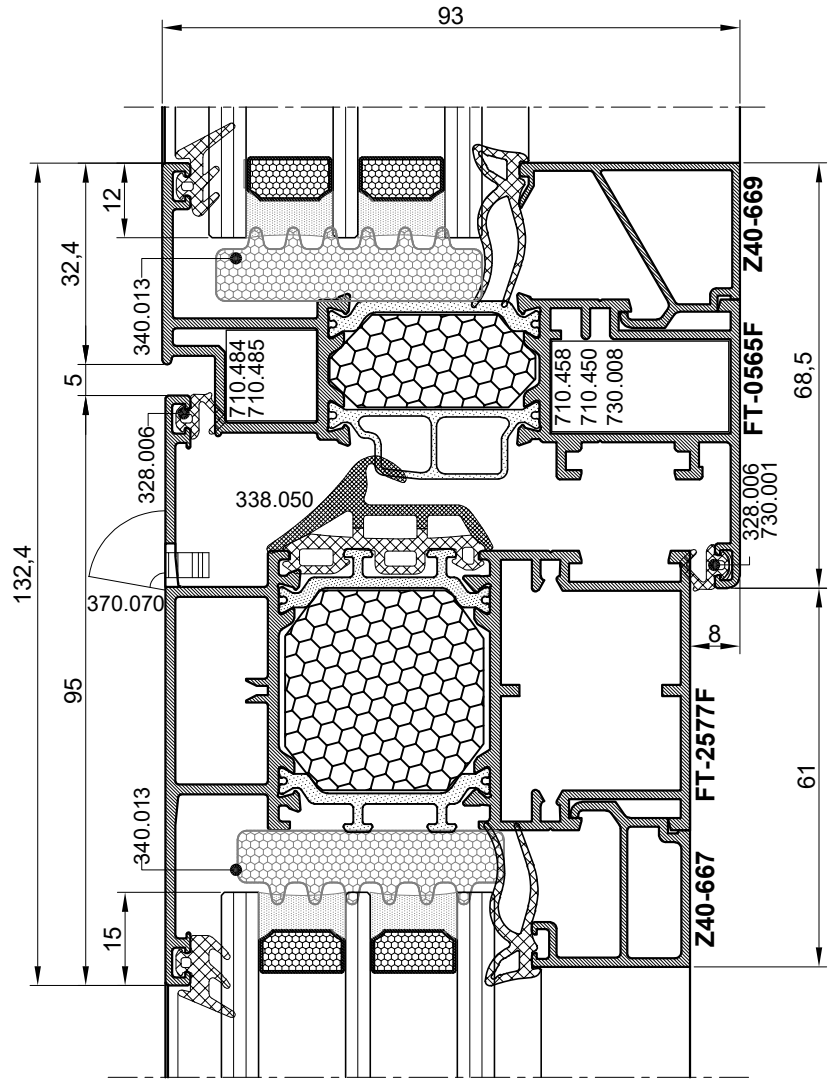
PRESJEK-21
CROSS SECTION-21

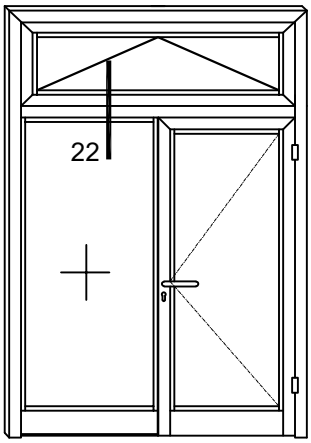


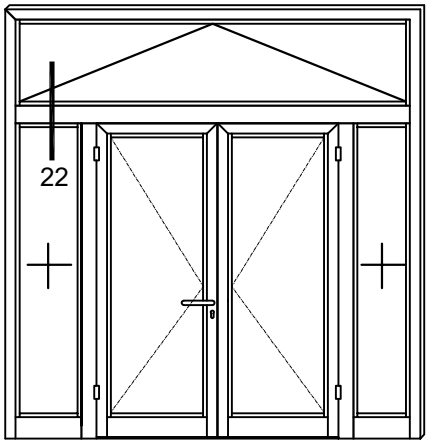


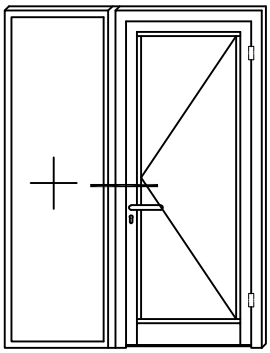
Napomena: Krilo FT-0563F za bravu 45 mm
Remark: Sash FT-0563F for lock 45 mm

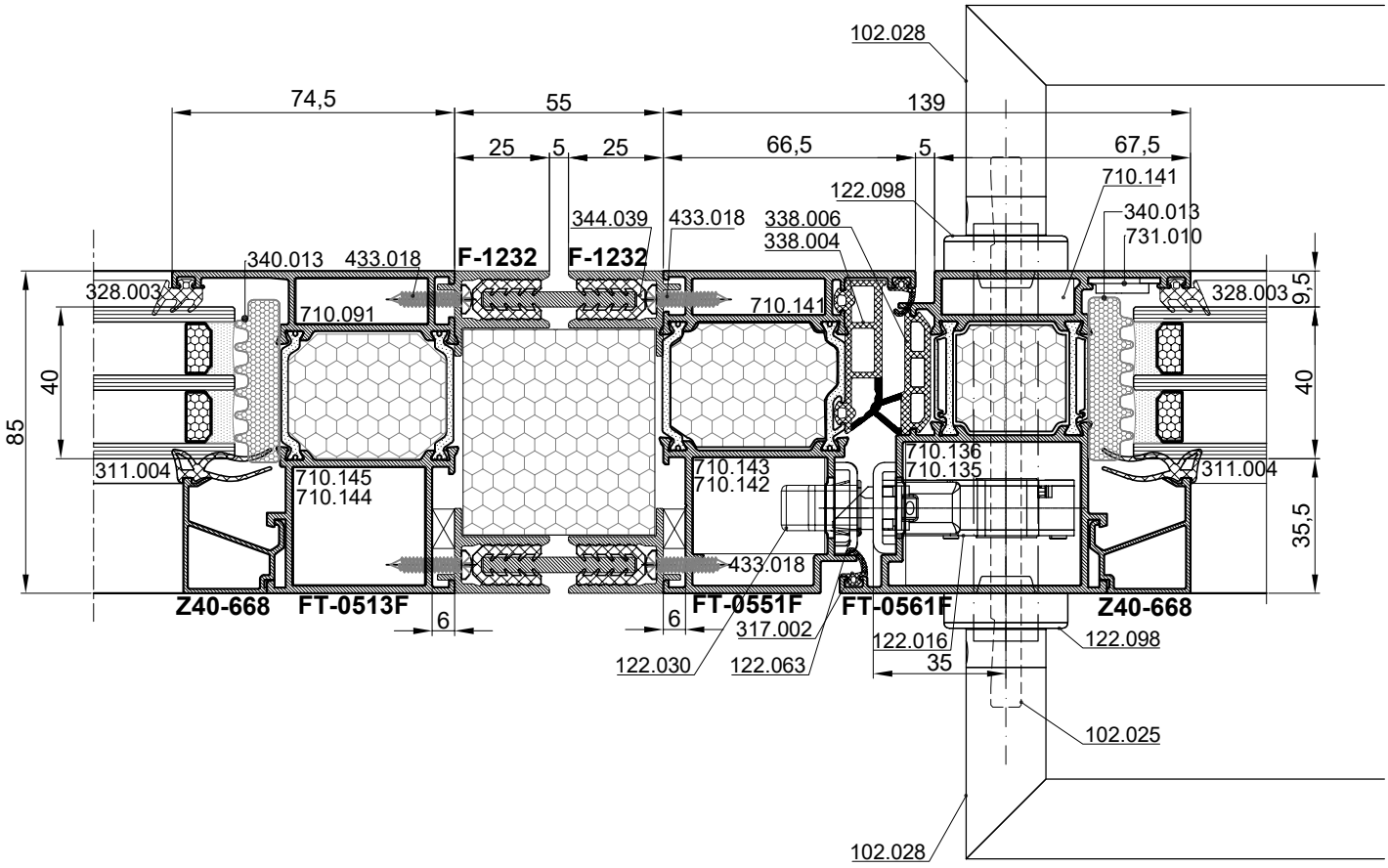
PRESJEK-22
CROSS SECTION-22

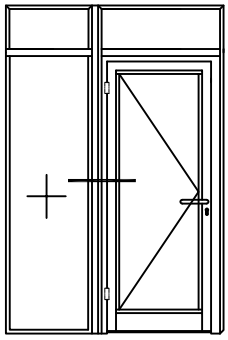


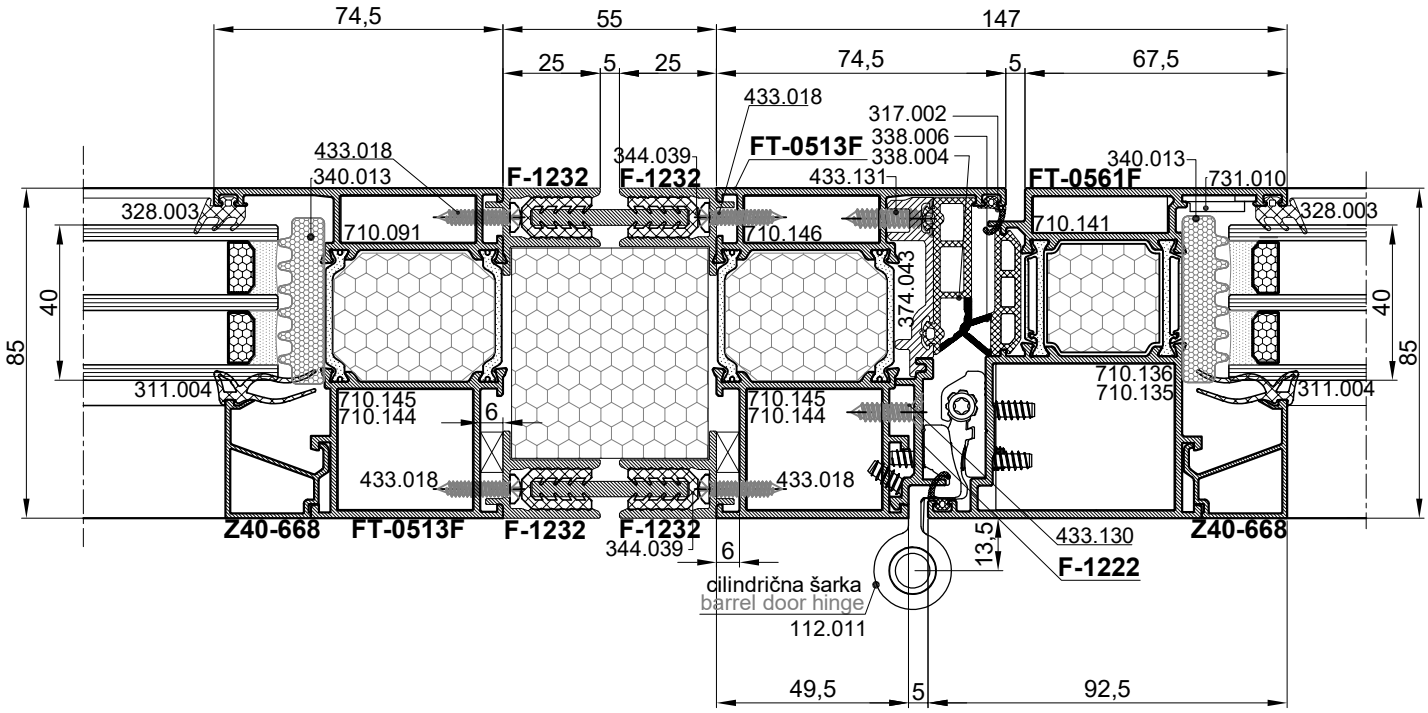


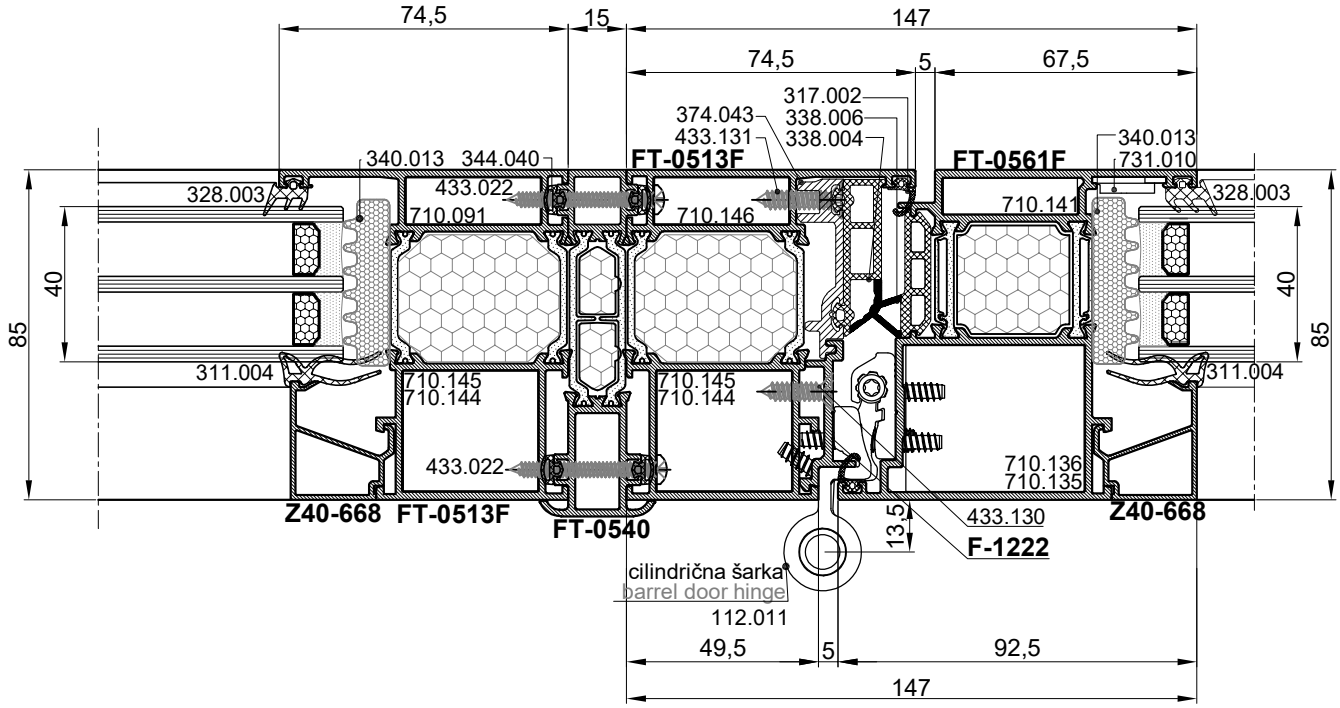


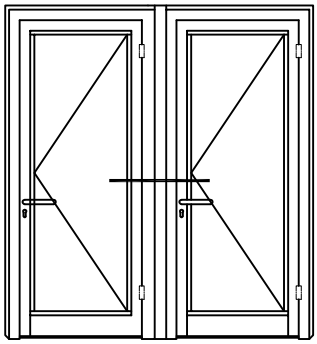


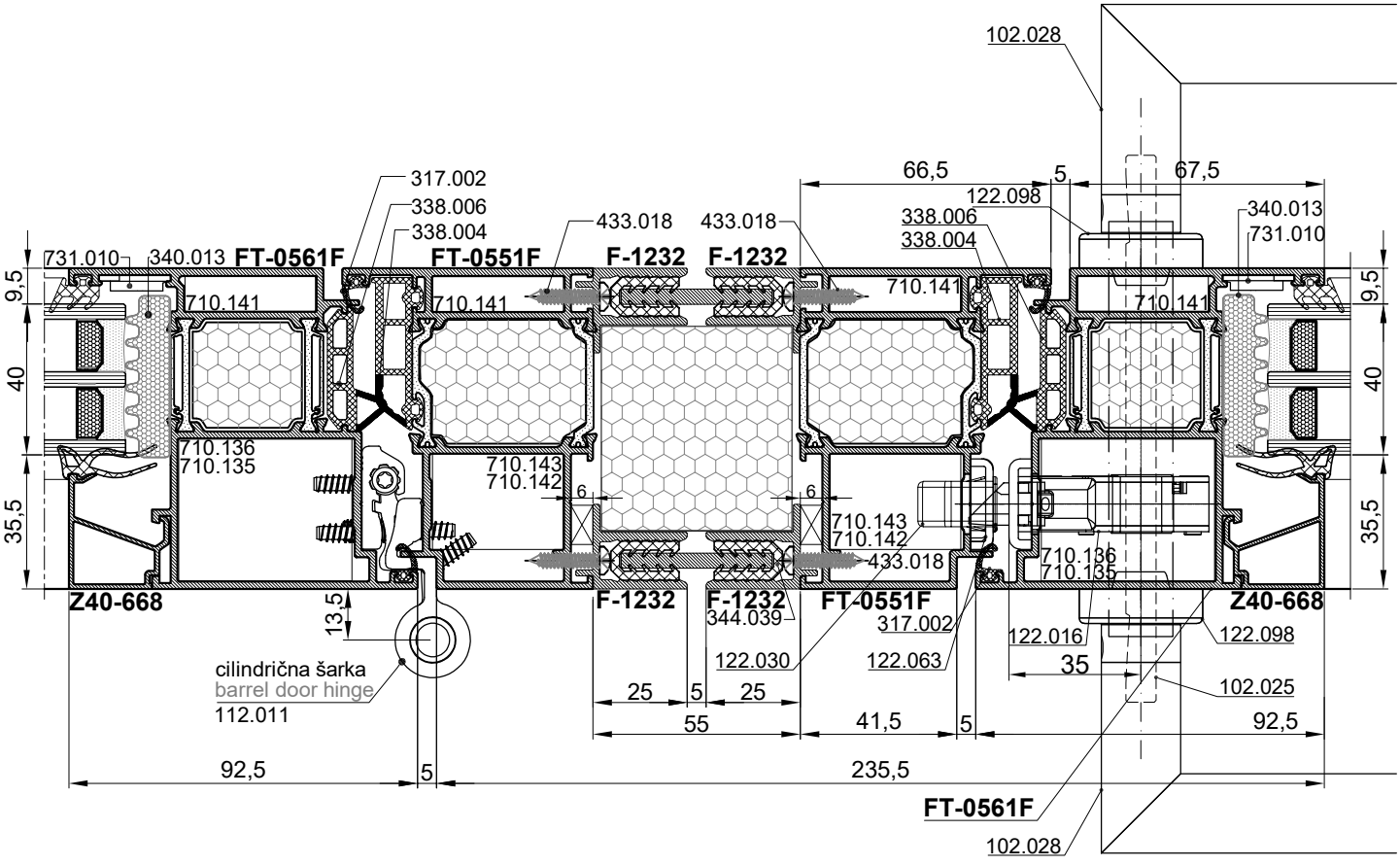

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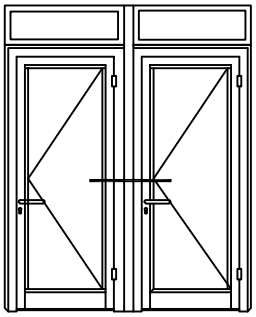


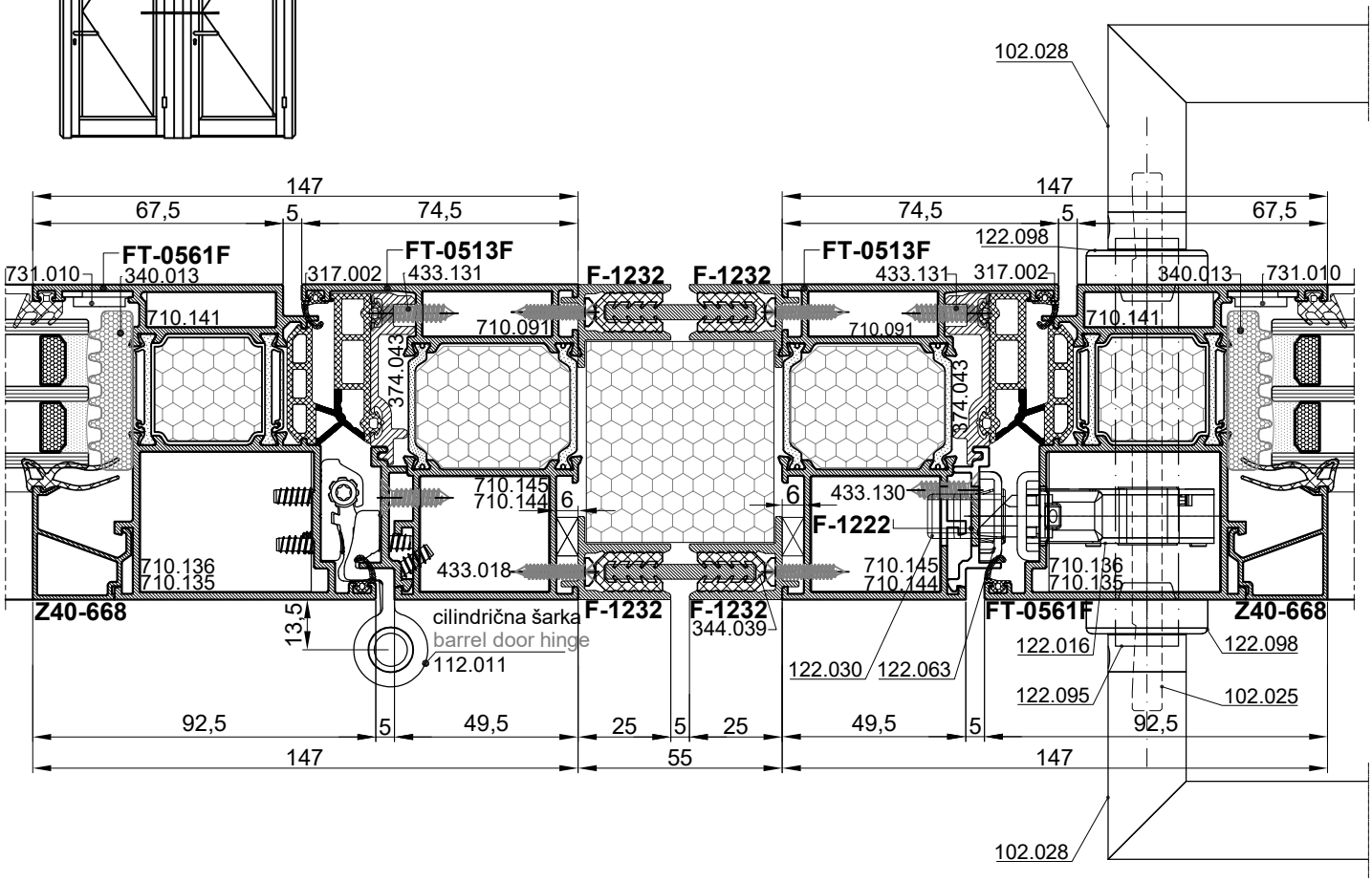

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barrel door hinge
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92,5

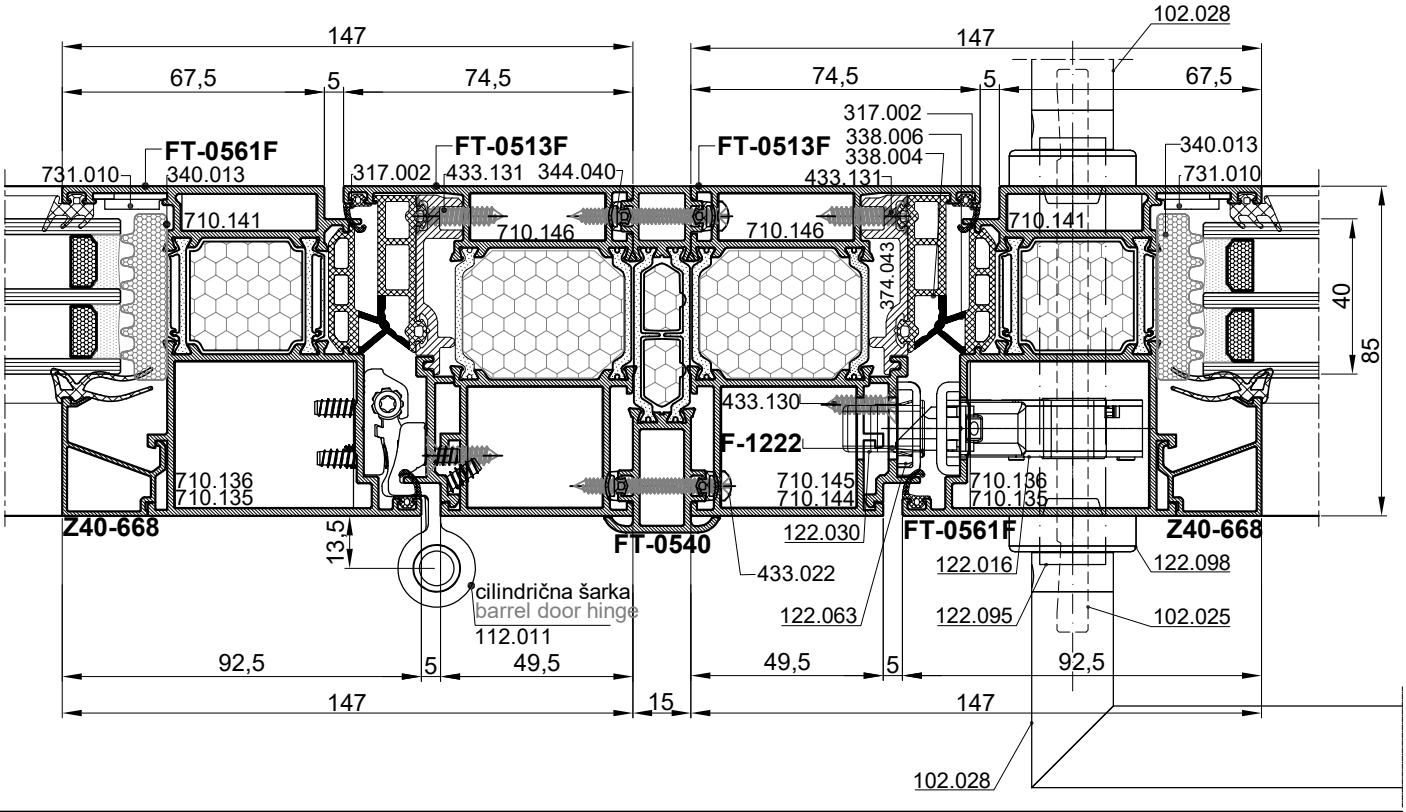

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FT-0561F
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barrel door hinge
112.011
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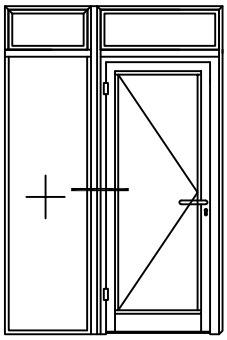


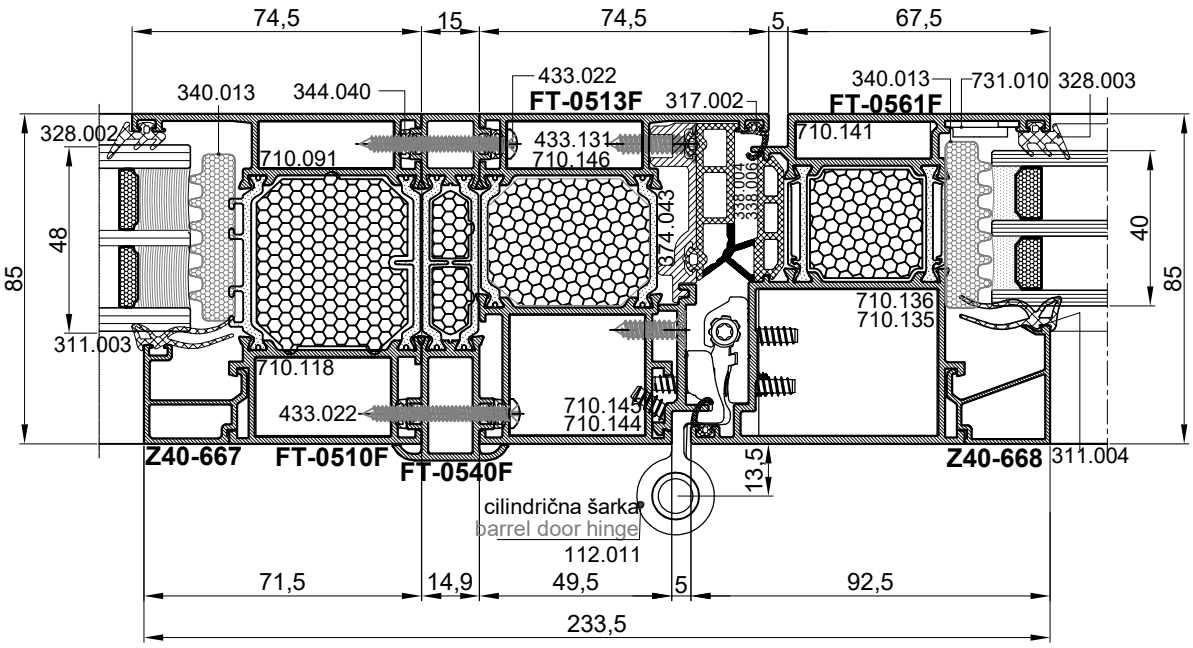

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731.010
731.010
340.013
FT-0561F
FT-0551F
F-1232
F-1232
710.141
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35,5
710.136
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710.142
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Z40-668
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F-1232
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FT-0551F
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344.039
317.002
122.016
122.098
cilindrična šarka
barrel door hinge
112.011
122.030
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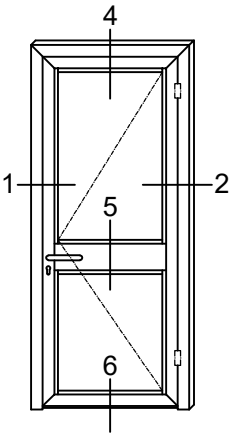


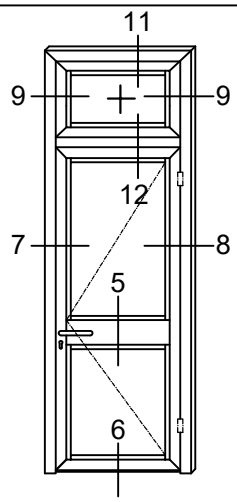

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433.130
F-1222
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710.135
433.018
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13,5
cilindrična šarka
barrel door hinge
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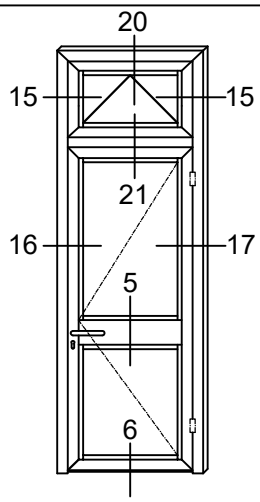

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barrel door hinge
112.011
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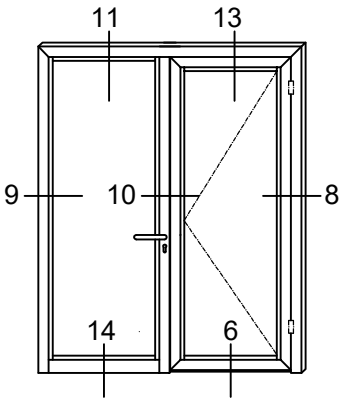


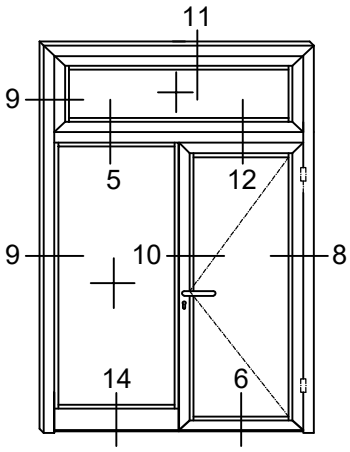

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barrel door hinge
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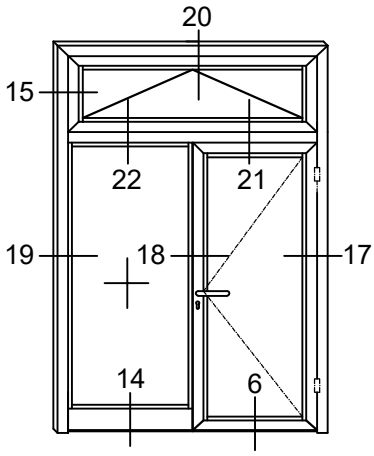

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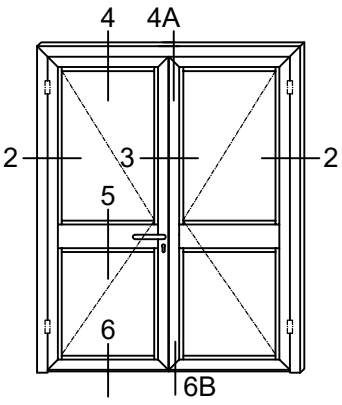

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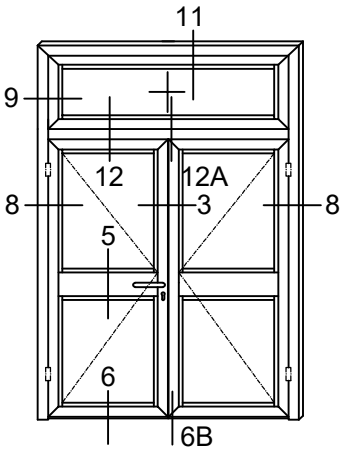

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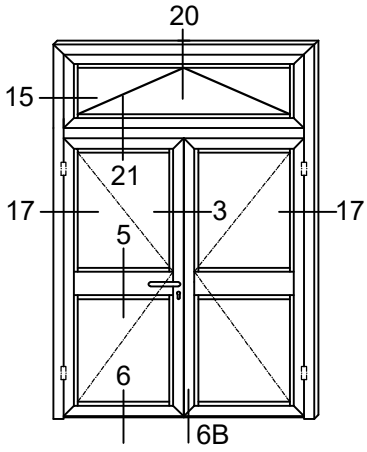

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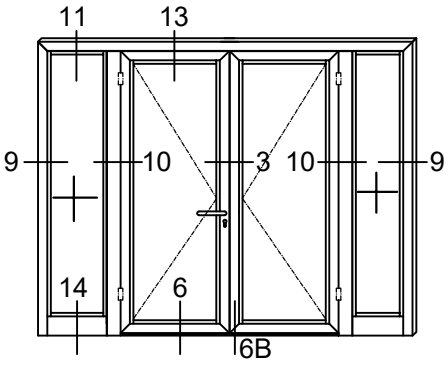

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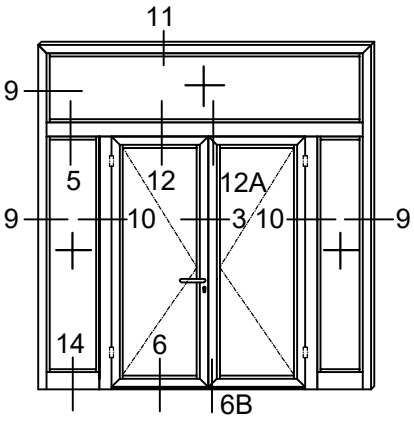

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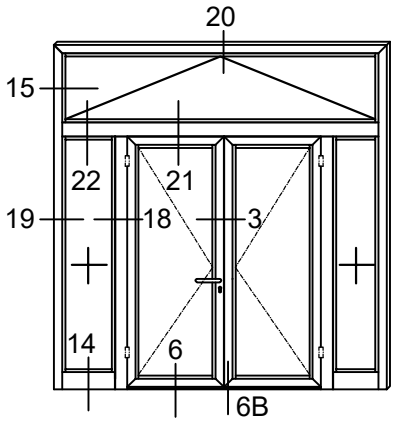

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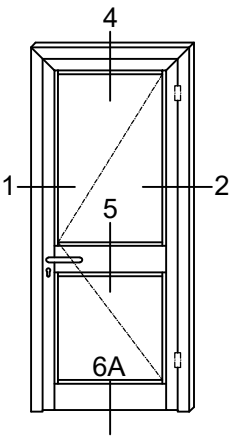

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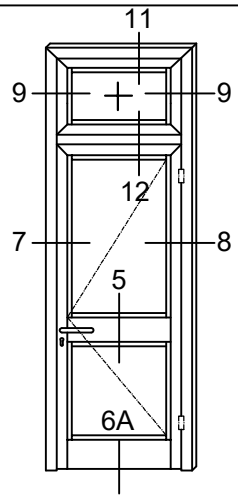

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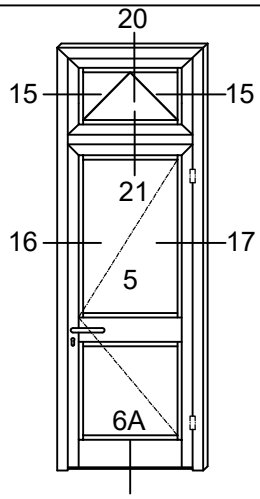

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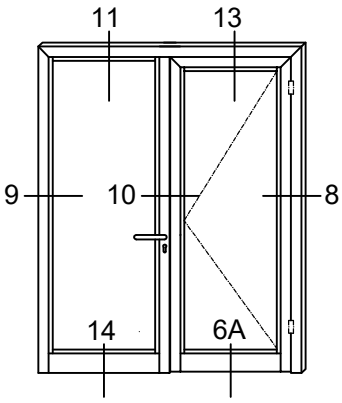

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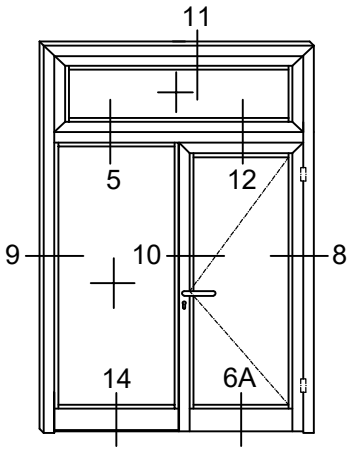

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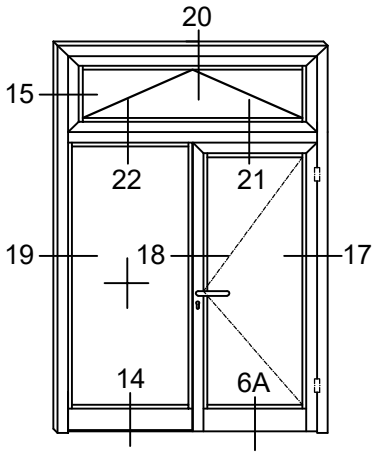

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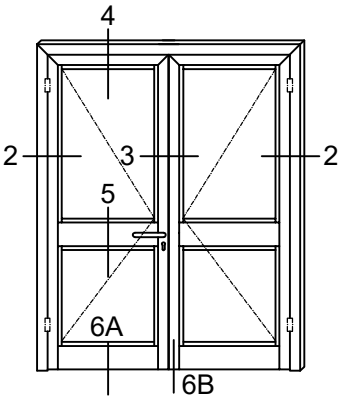

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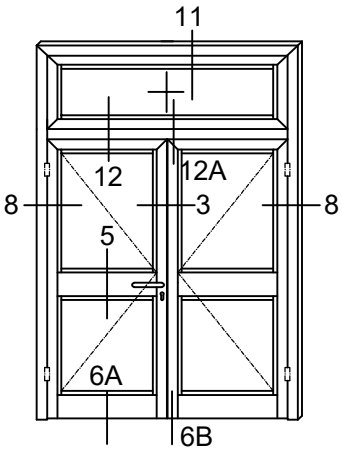

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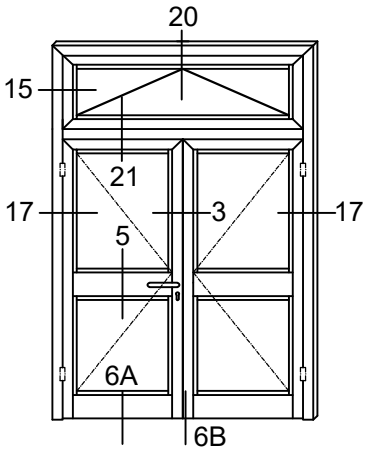

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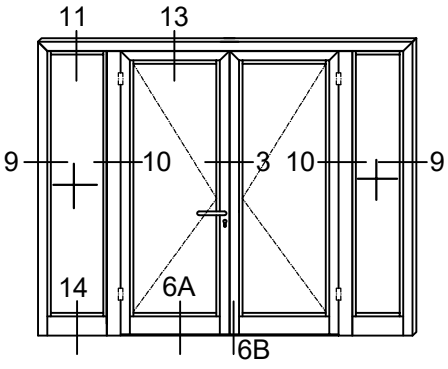

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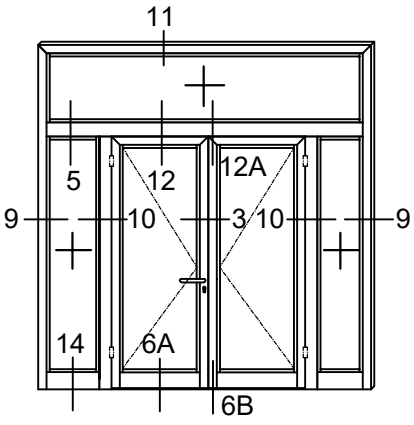

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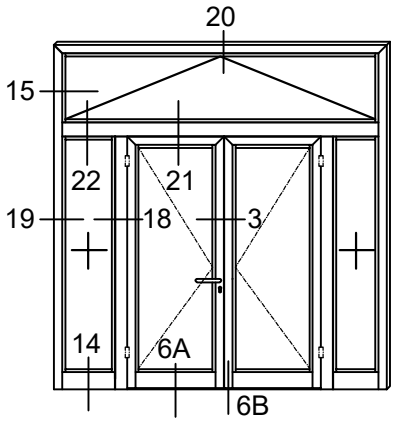

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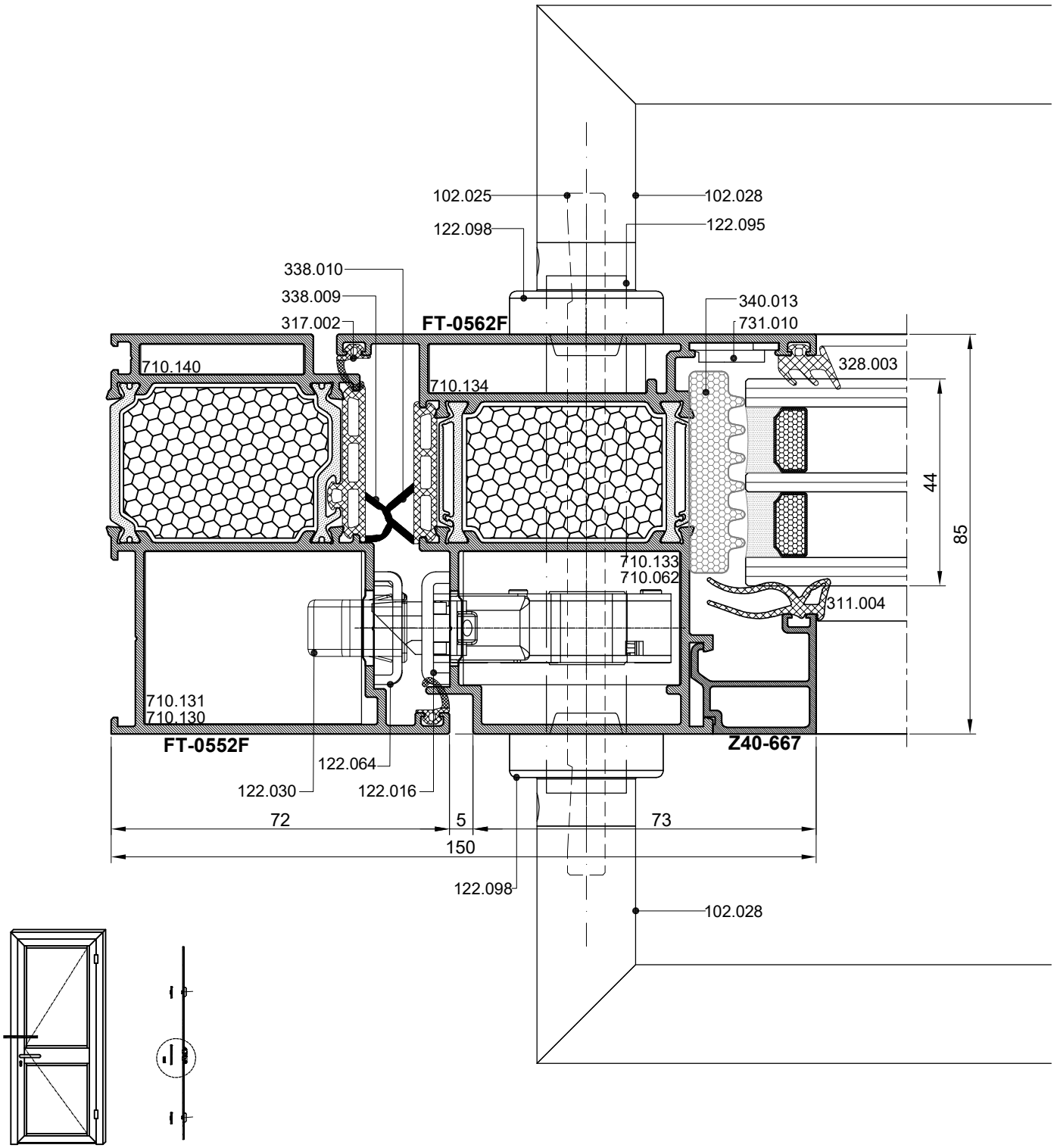

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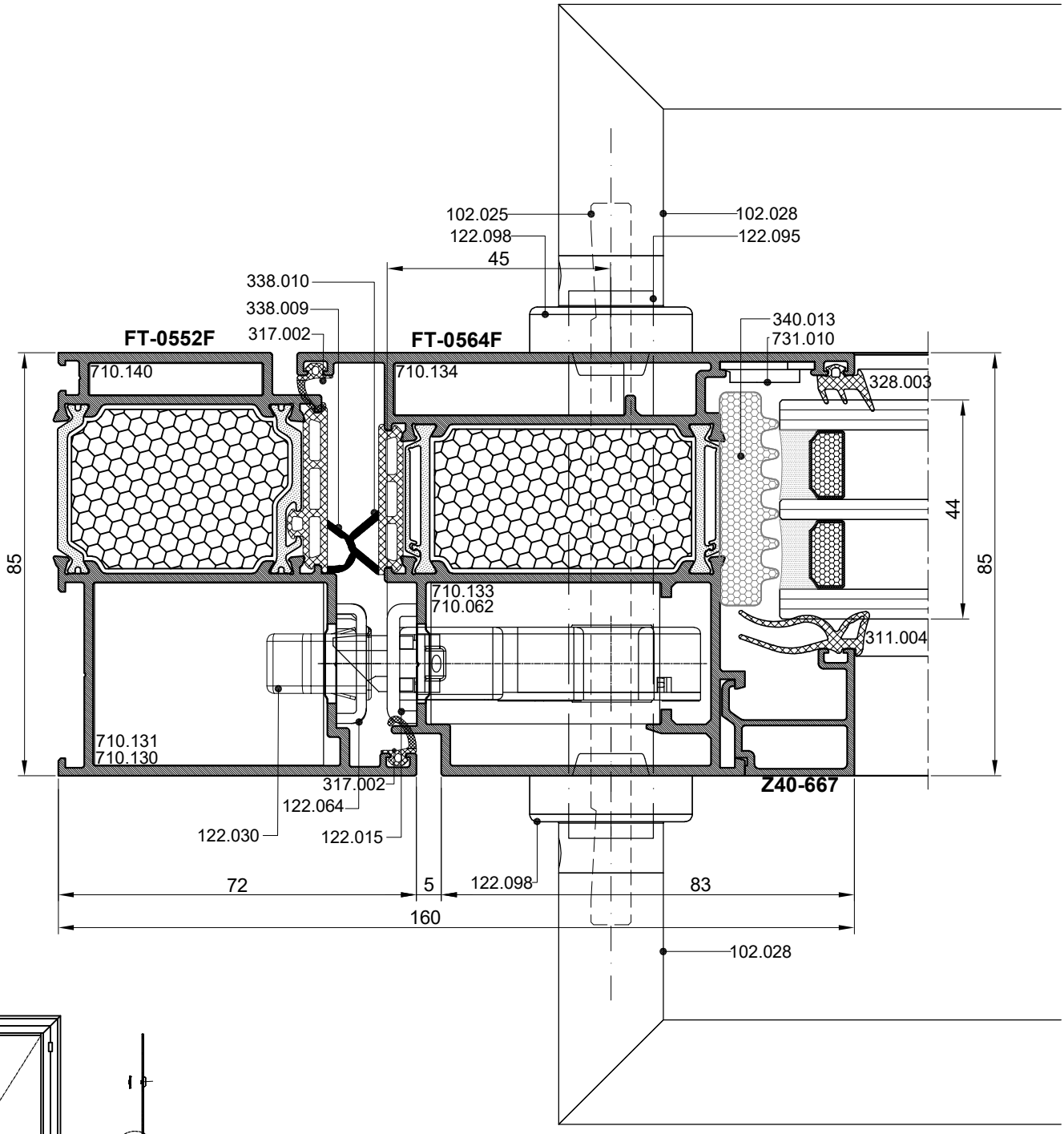

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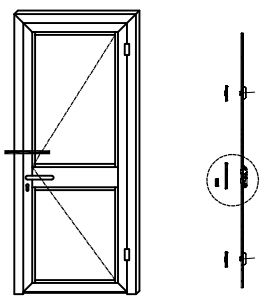

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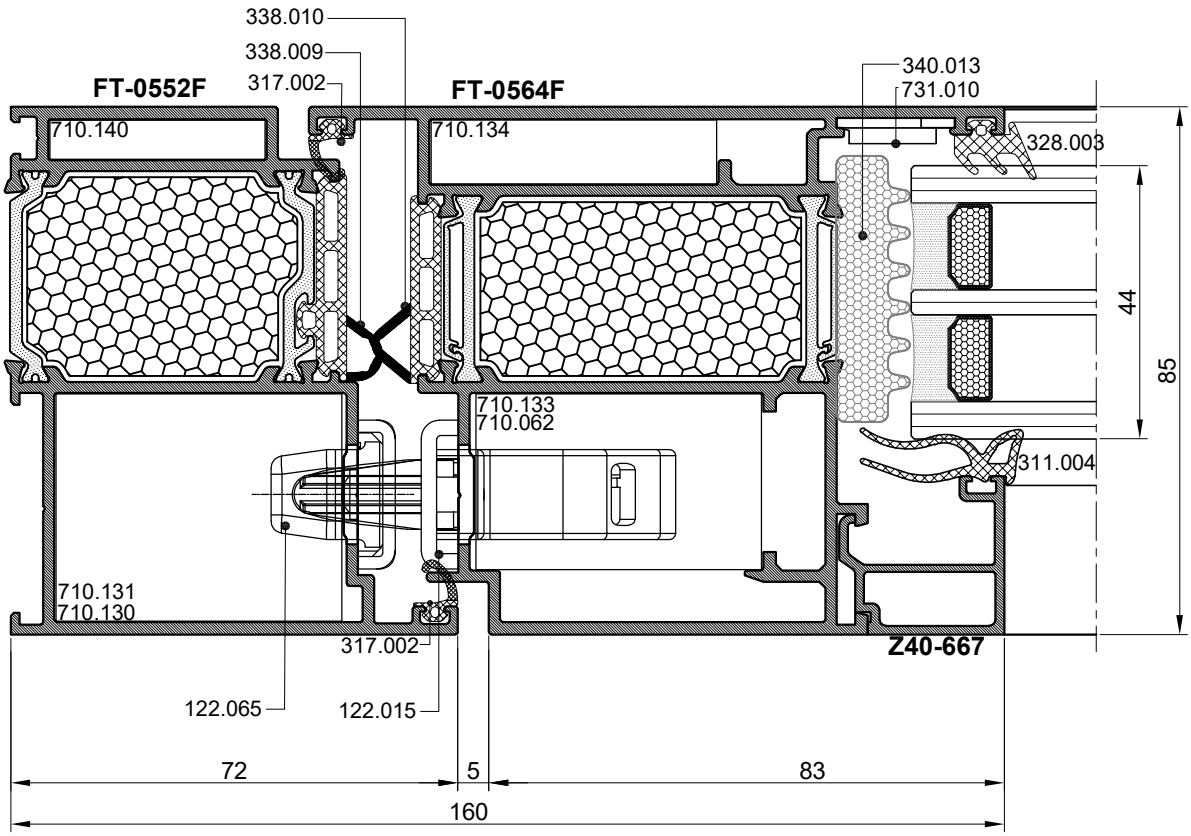


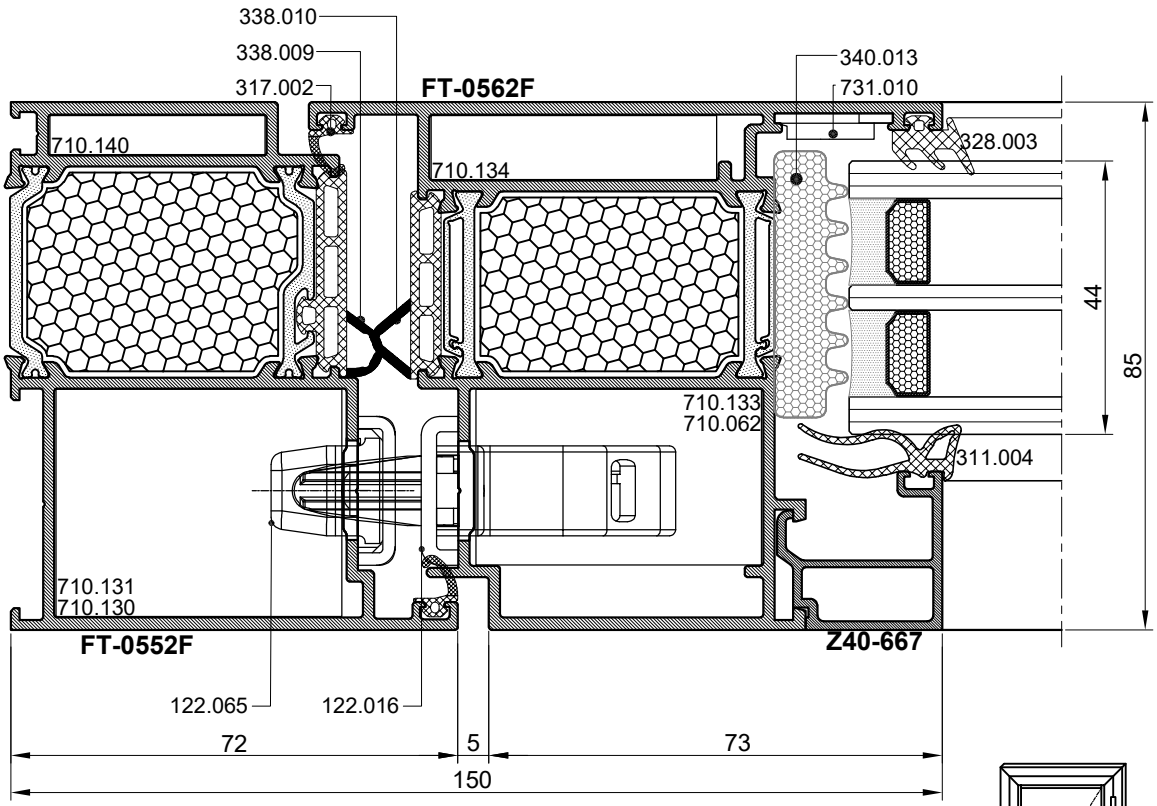
Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0562F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

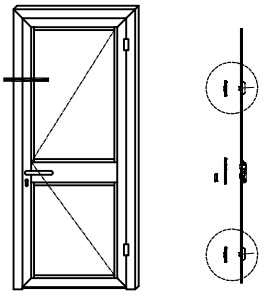




Napomena: Krilo FT-0562F za bravu 45 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0561F for lock 45 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.015

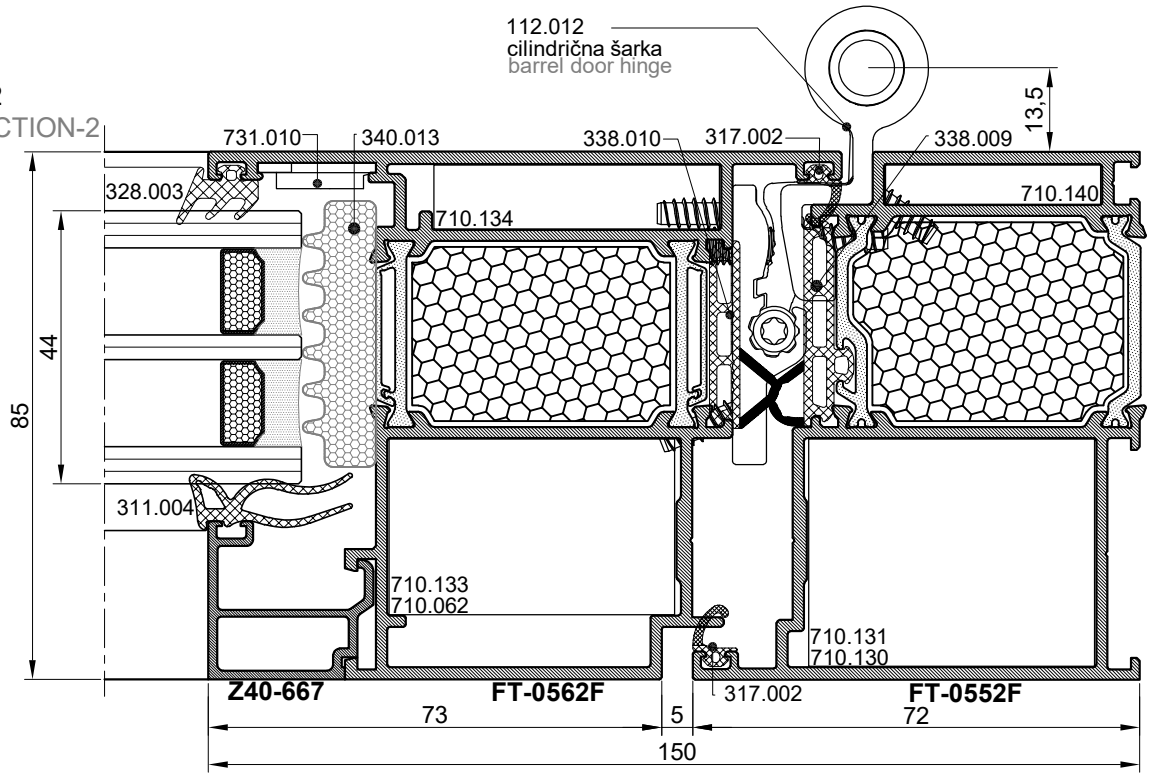


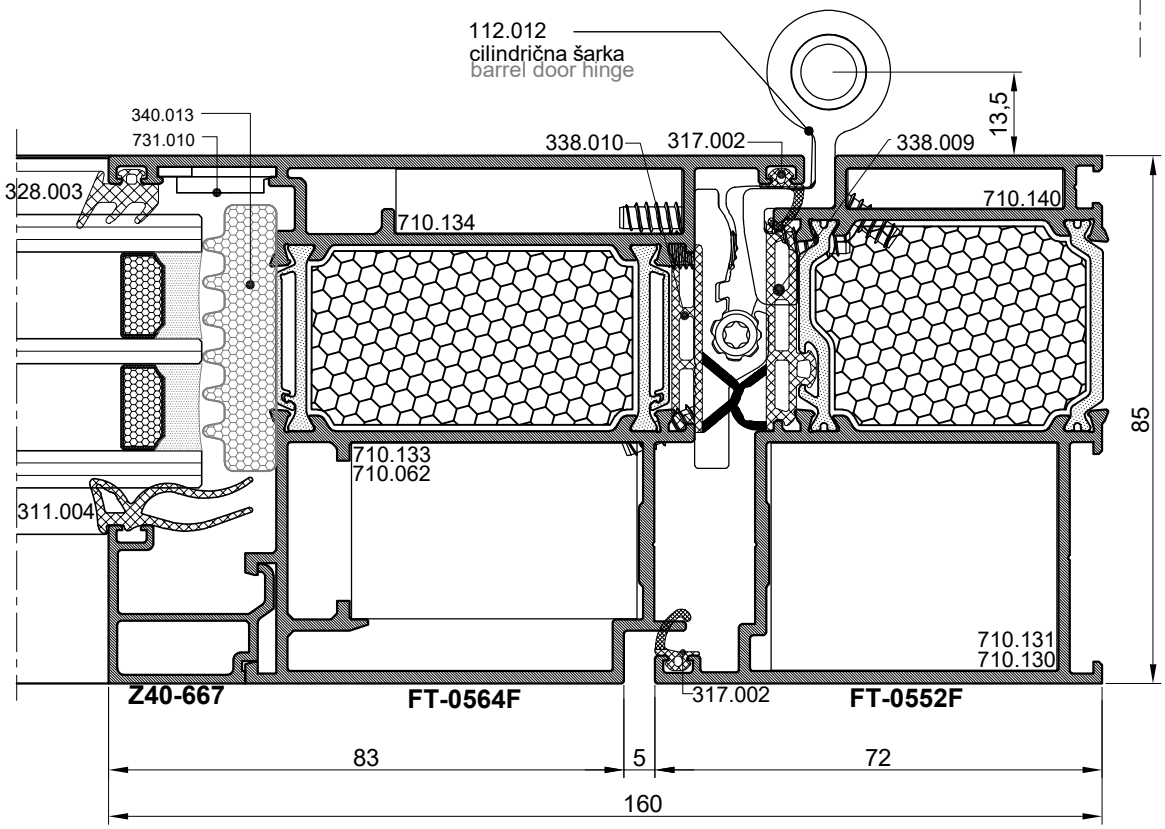


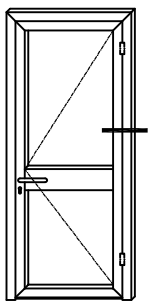


Napomena: Krilo FT-0562F za bravu 35 mm i krilo FT-0564F za bravu 45 mm
Sigurnosna brava 35 mm i 45 mm s 3 mjesta ključanja - (MR2) 122.015 i (MR2) 122.016
Remark: Sash FT-0562F for lock 35 mm and sash FT- 0564F for lock 45mm
Safety lock 35 mm and 45 mm with 3 locking points - (MR2) 122.015 i (MR2) 122.016

PRESJEK-2
CROSS SECTION-2

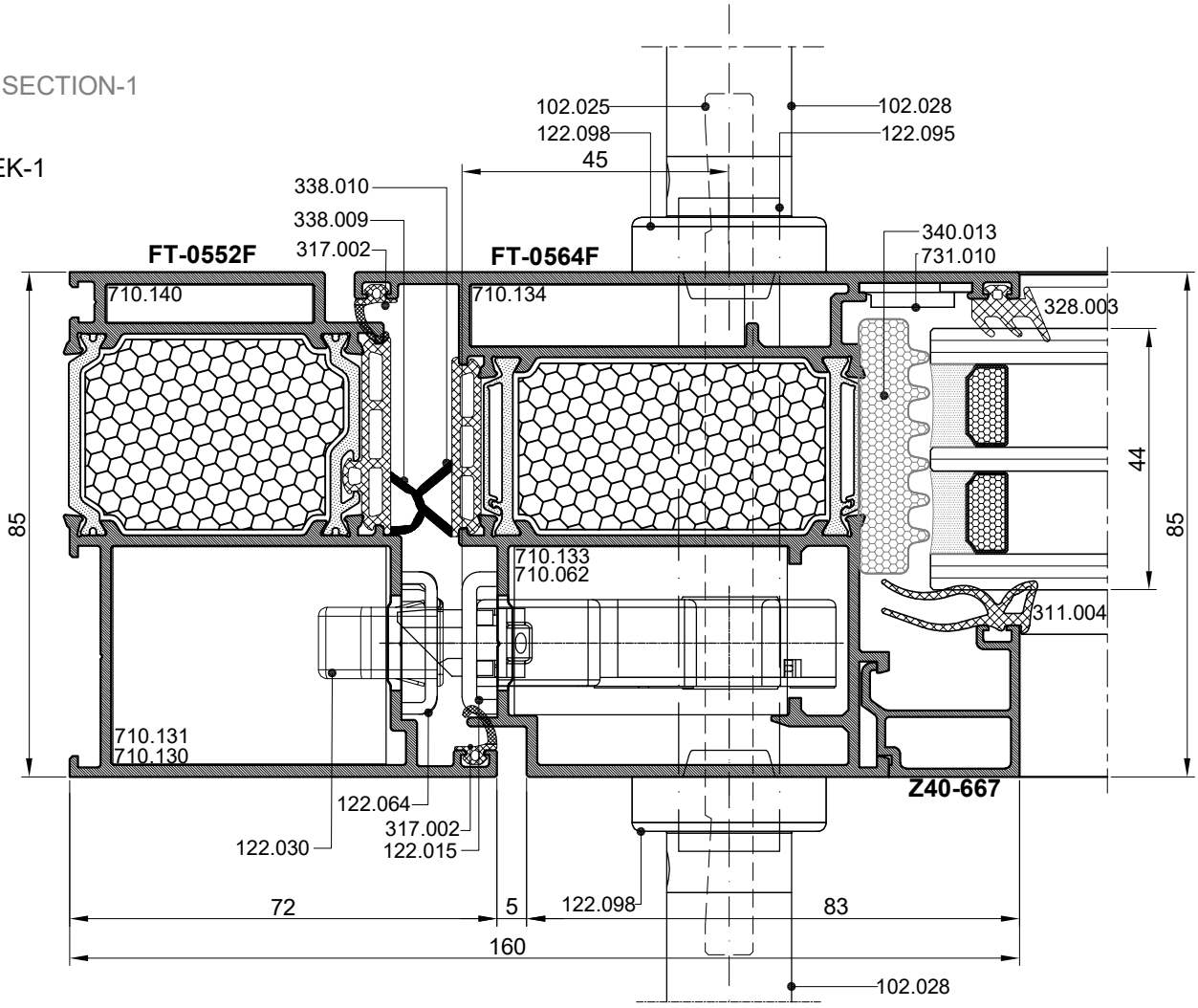






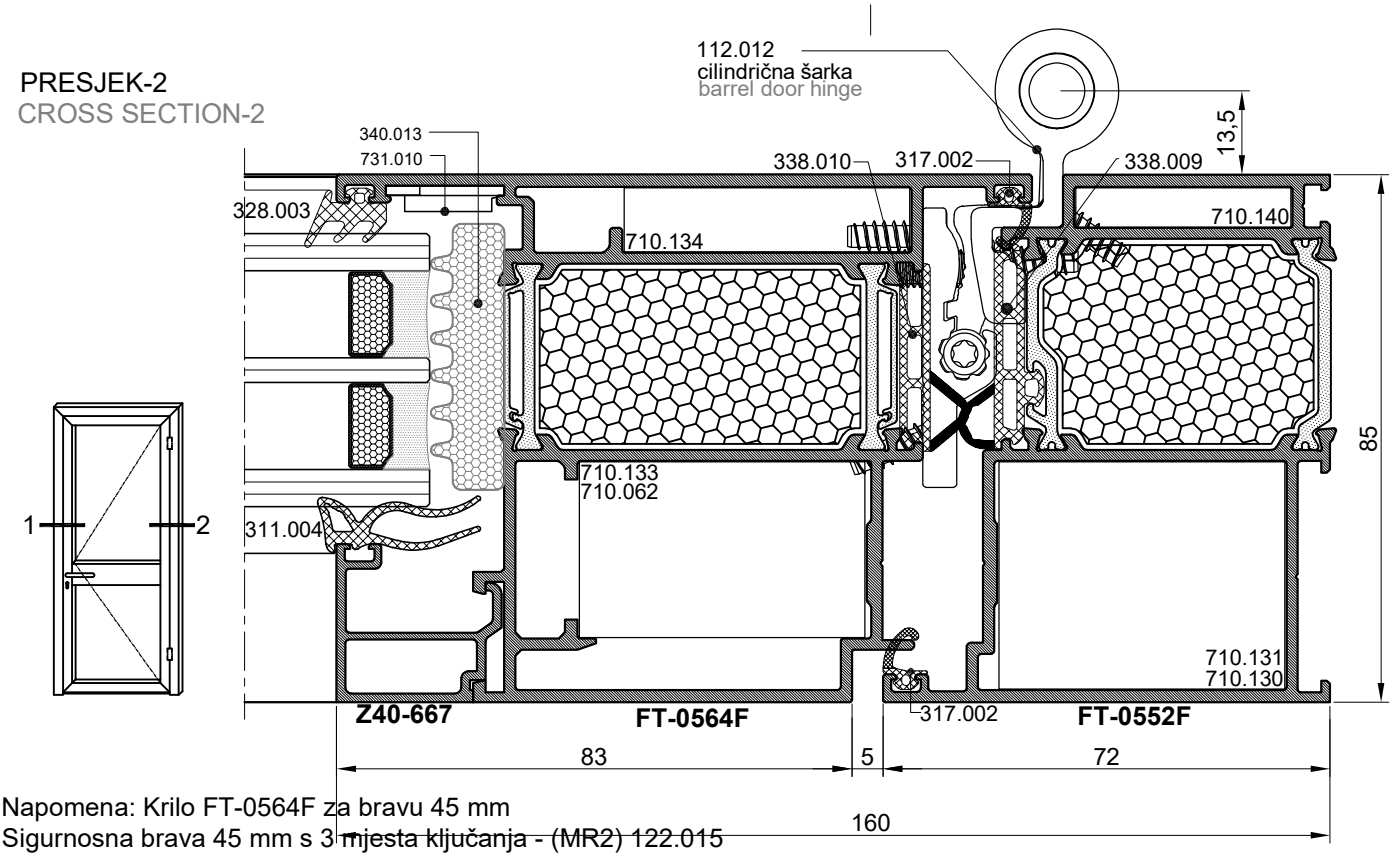
CROSS SECTION-1

PRESJEK-1



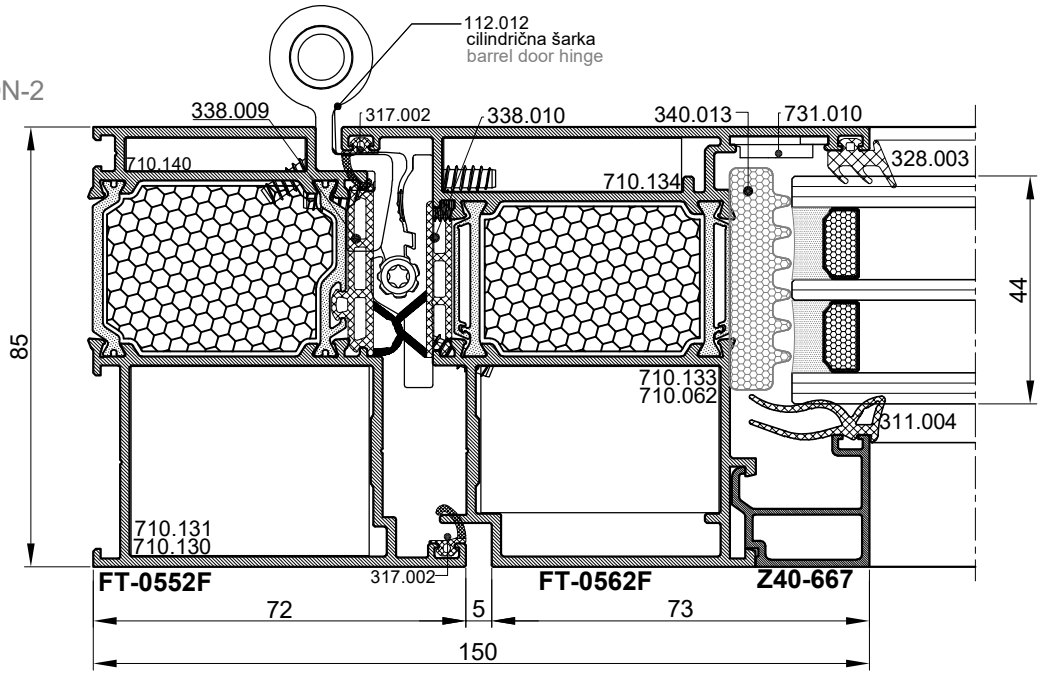
PRESJEK-2

CROSS SECTION-2

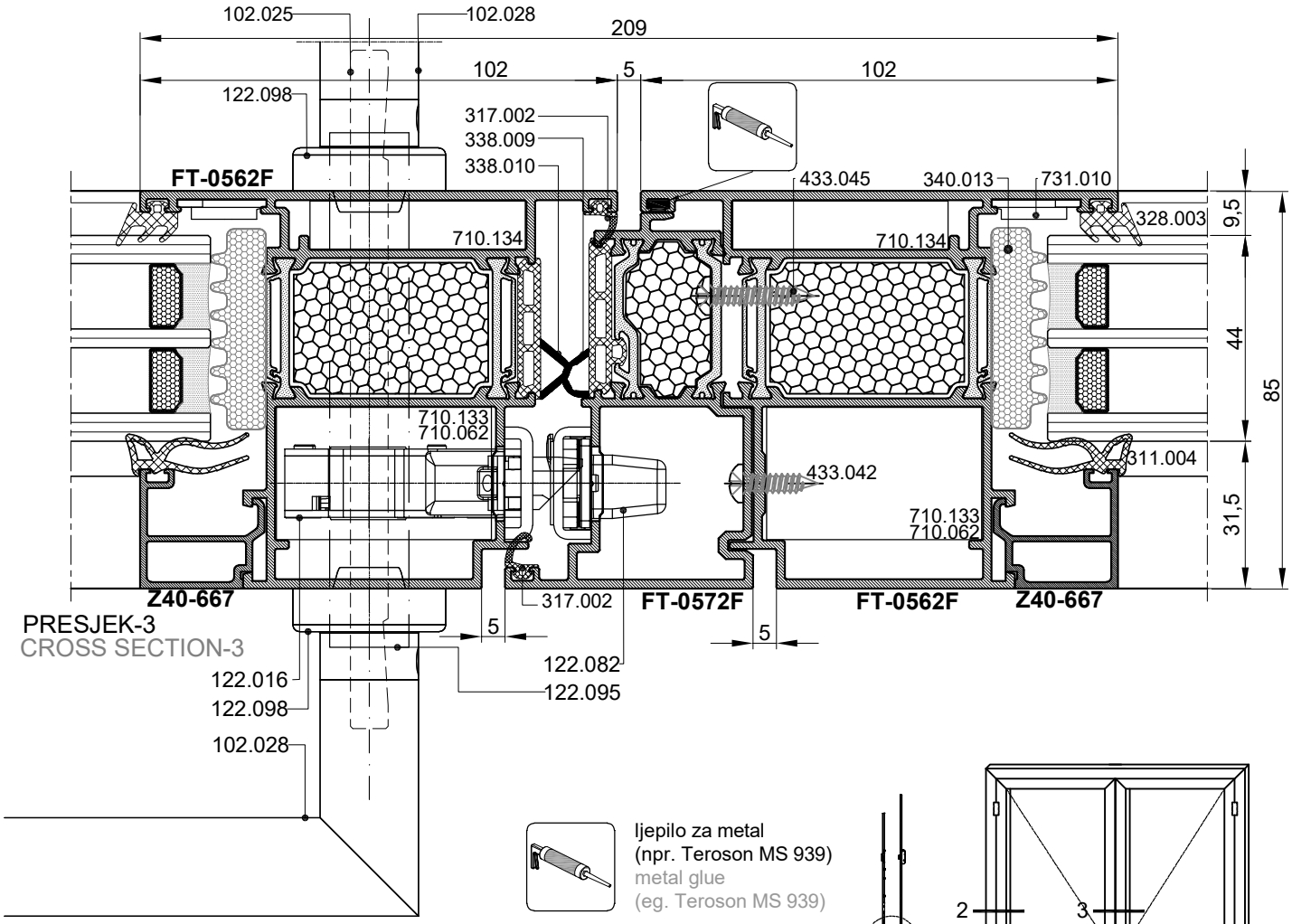


Napomena: Krilo FT-0564F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0564F for lock 45 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.015

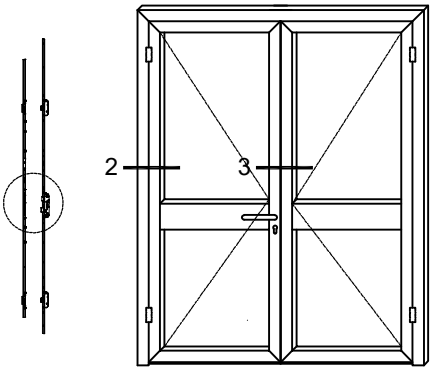
PRESJEK-2
CROSS SECTION-2



PRESJEK-3
CROSS SECTION-3

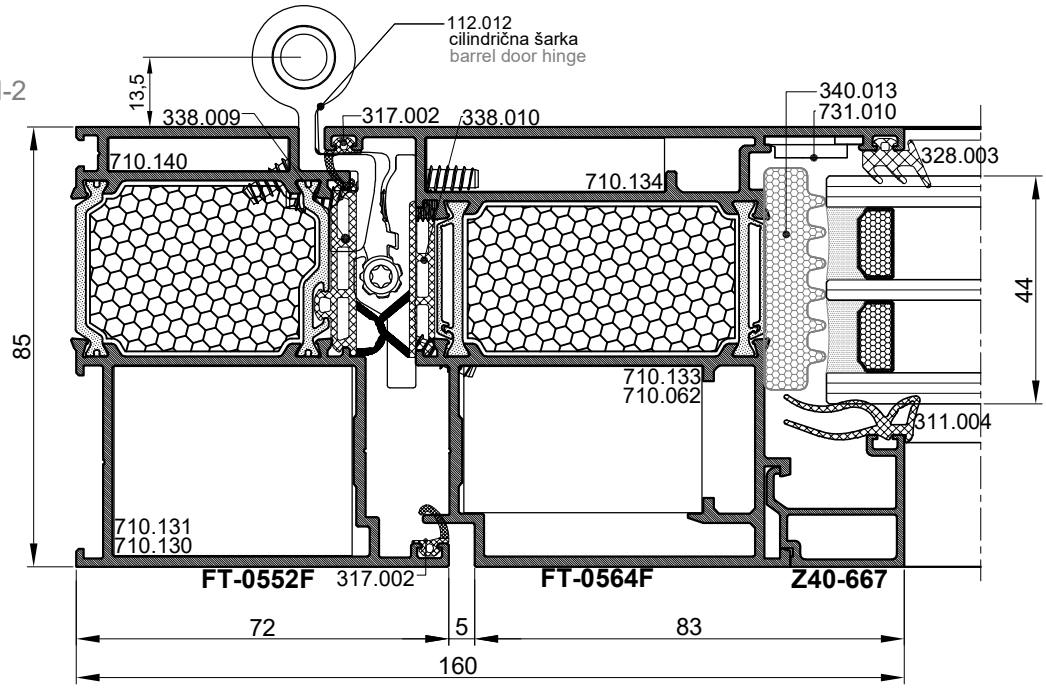


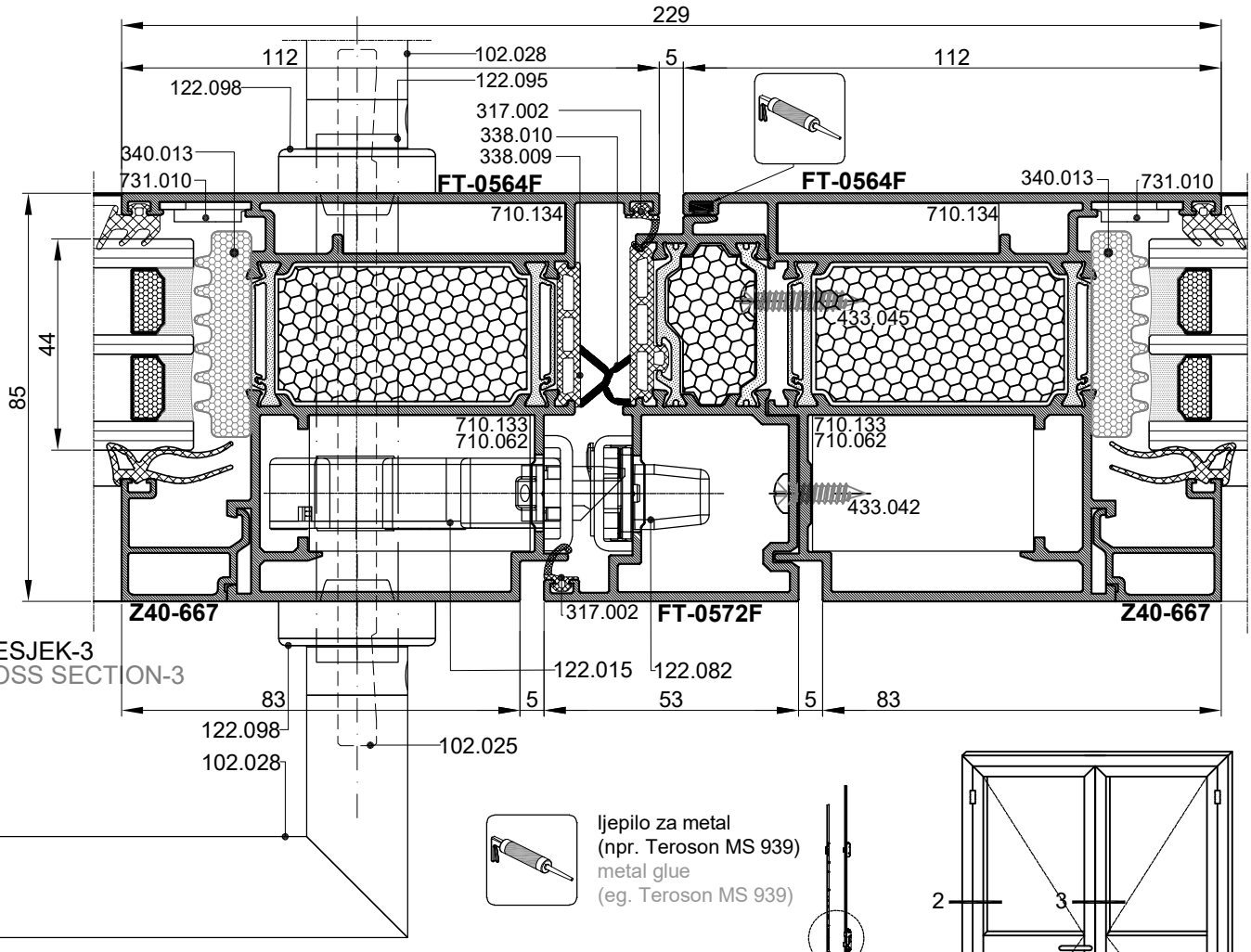
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)



Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0562F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-2
CROSS SECTION-2



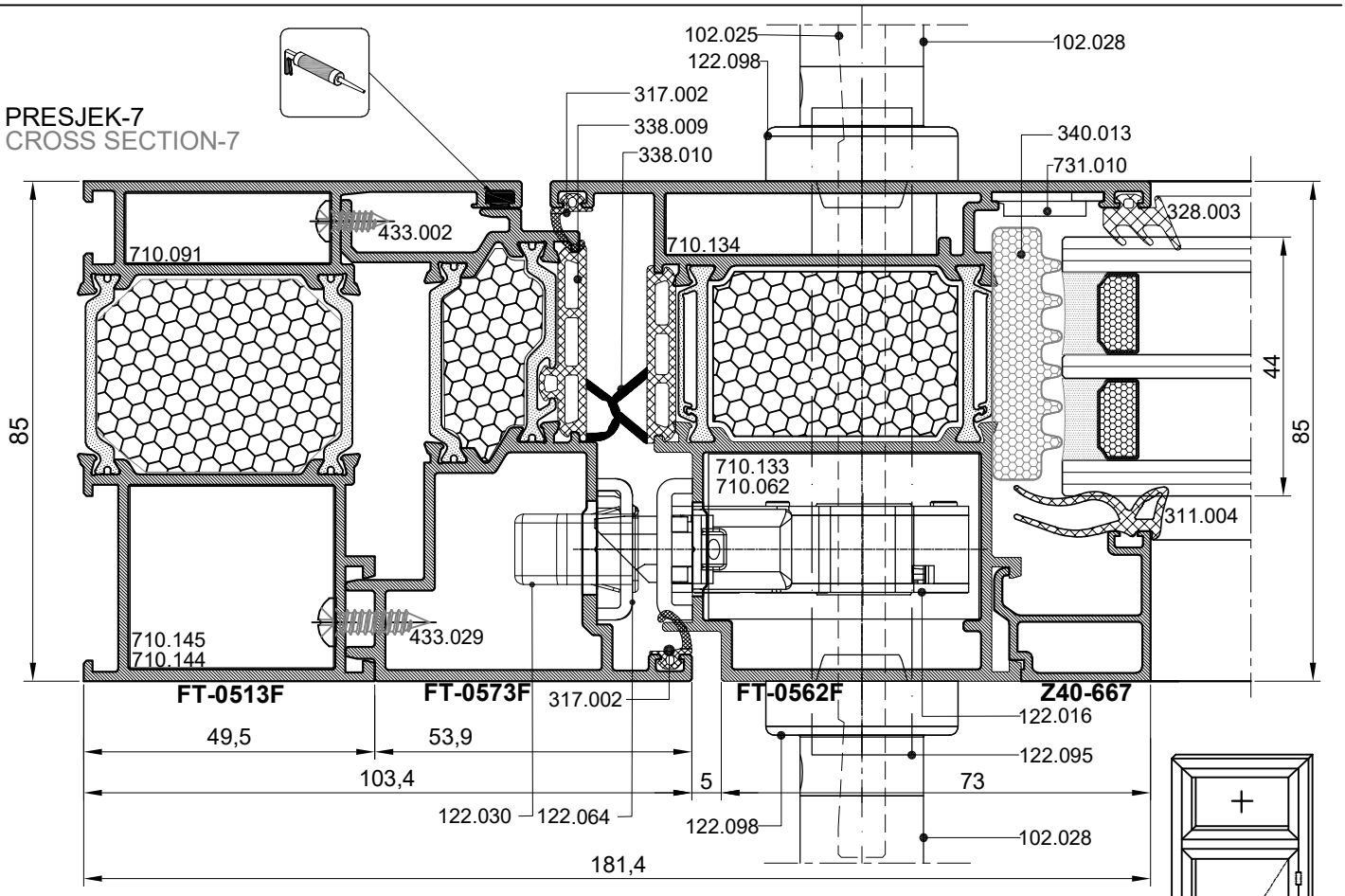


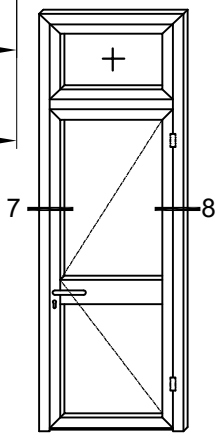
PRESJEK-3
CROSS SECTION-3

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

Napomena: Krilo FT-0564F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0564F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

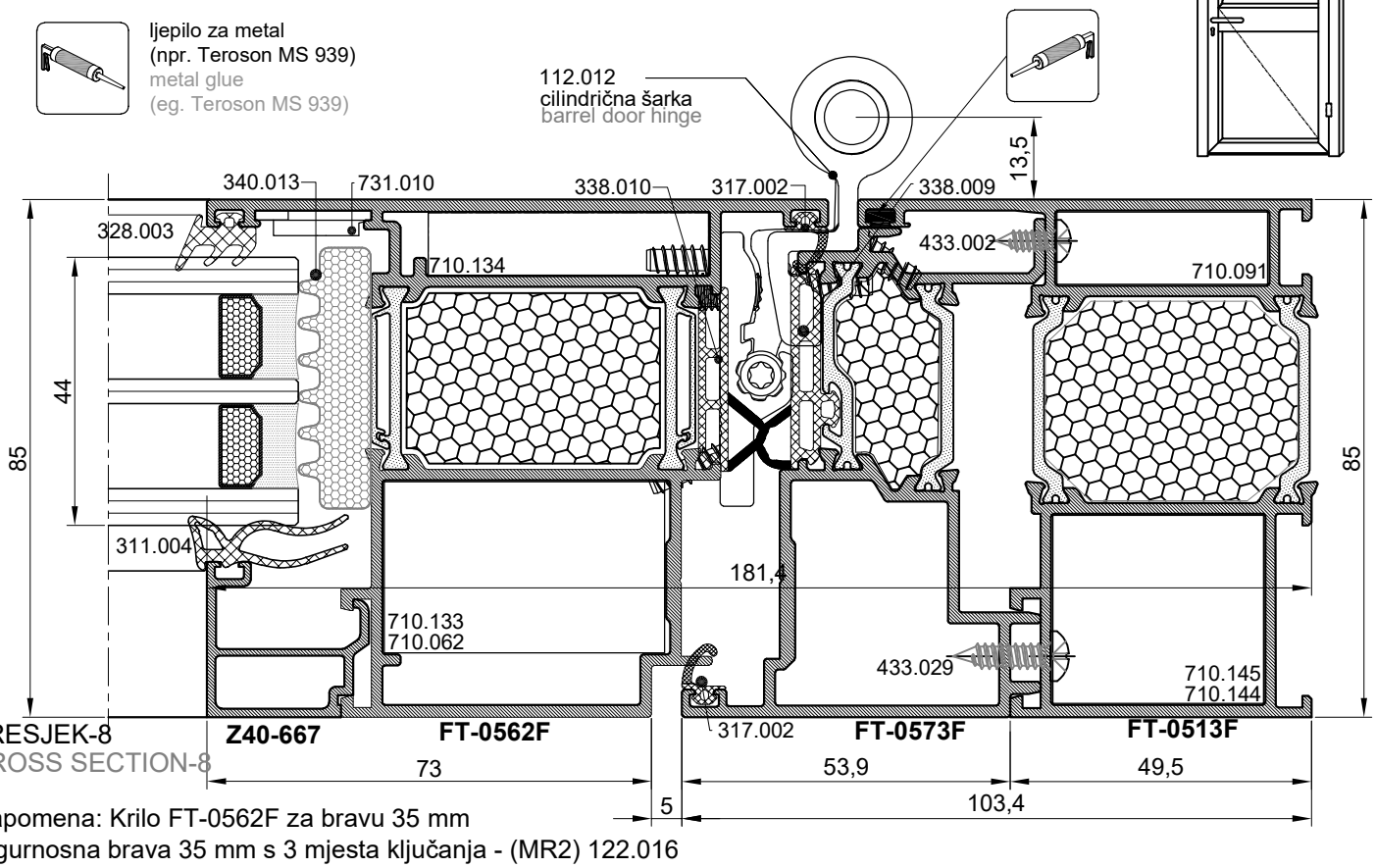
PRESJEK-7
CROSS SECTION-7





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

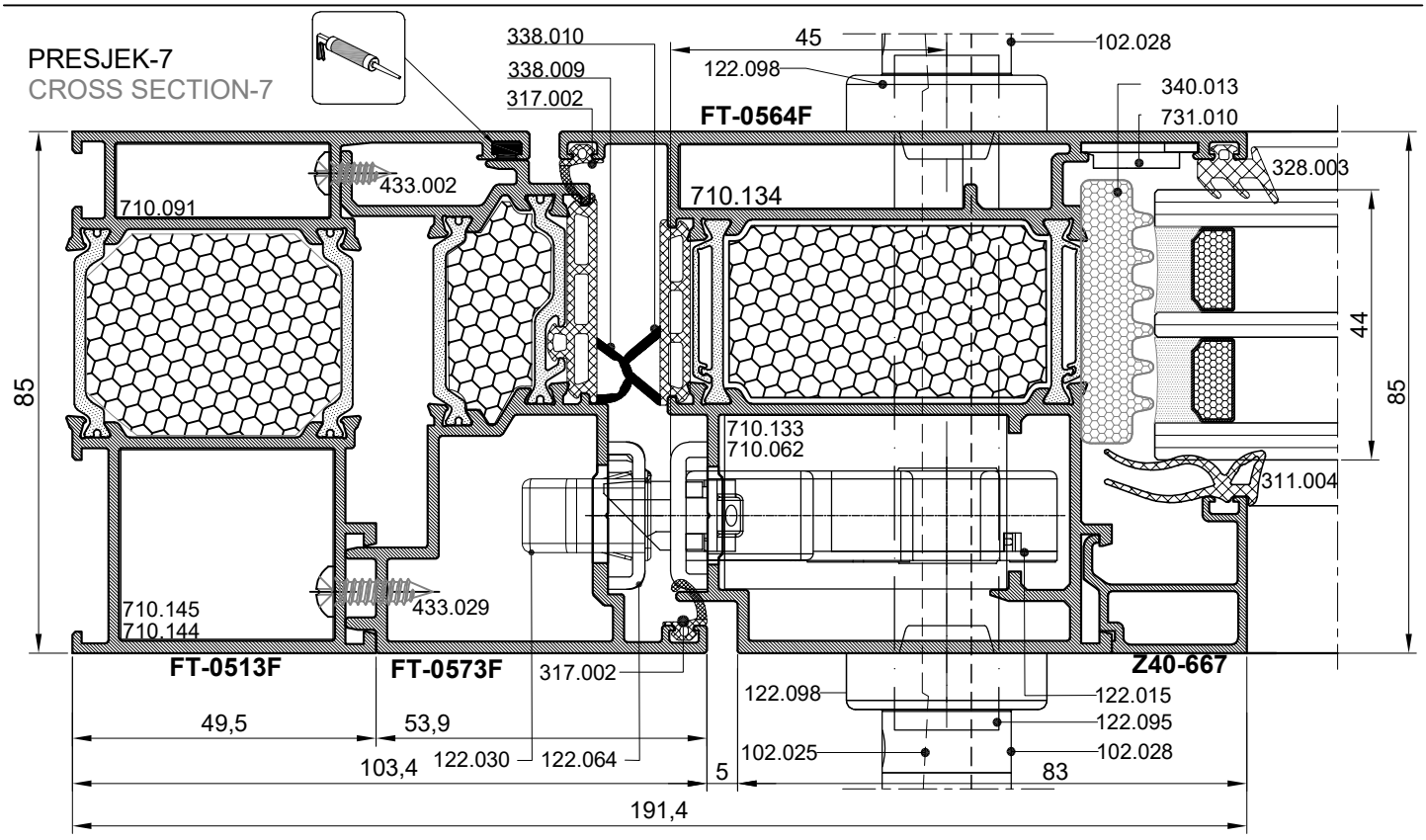
112.012
cilindrična šarka
barrel door hinge



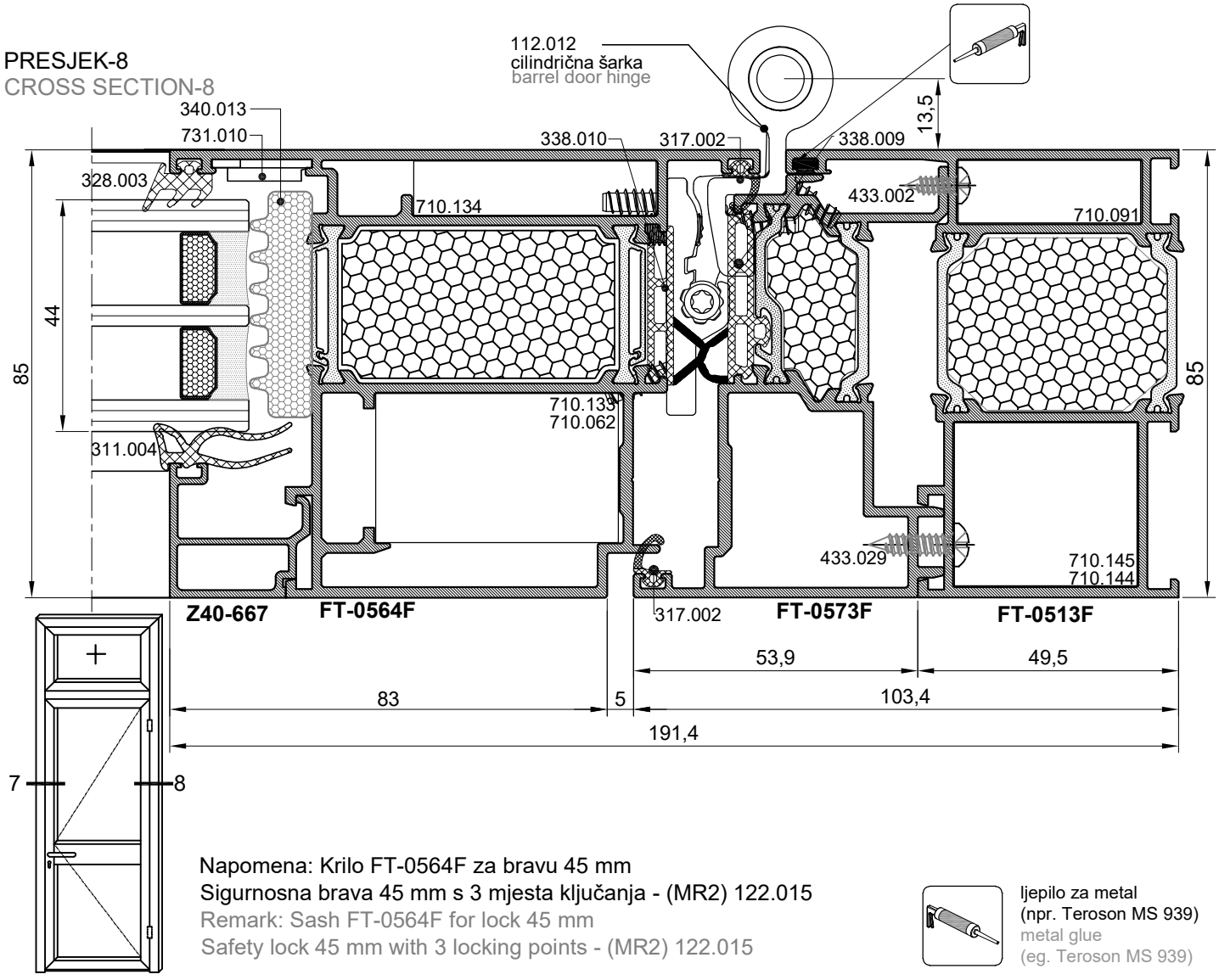
PRESJEK-8
CROSS SECTION-8

Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0562F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-7
CROSS SECTION-7



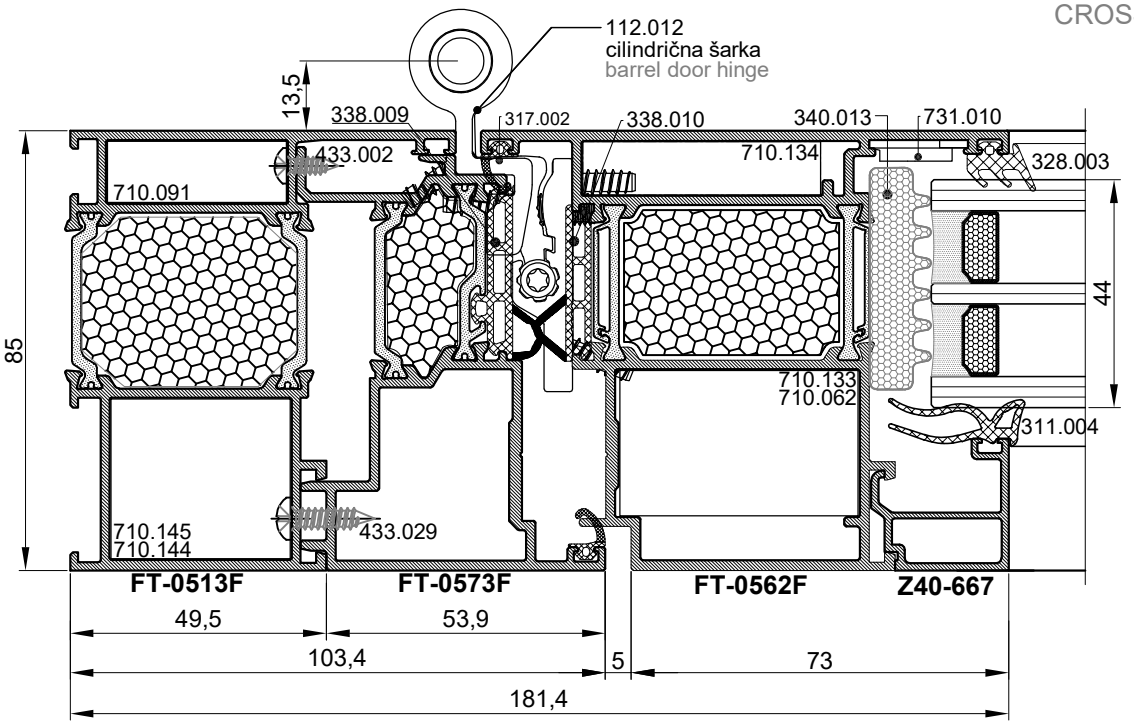
PRESJEK-8
CROSS SECTION-8



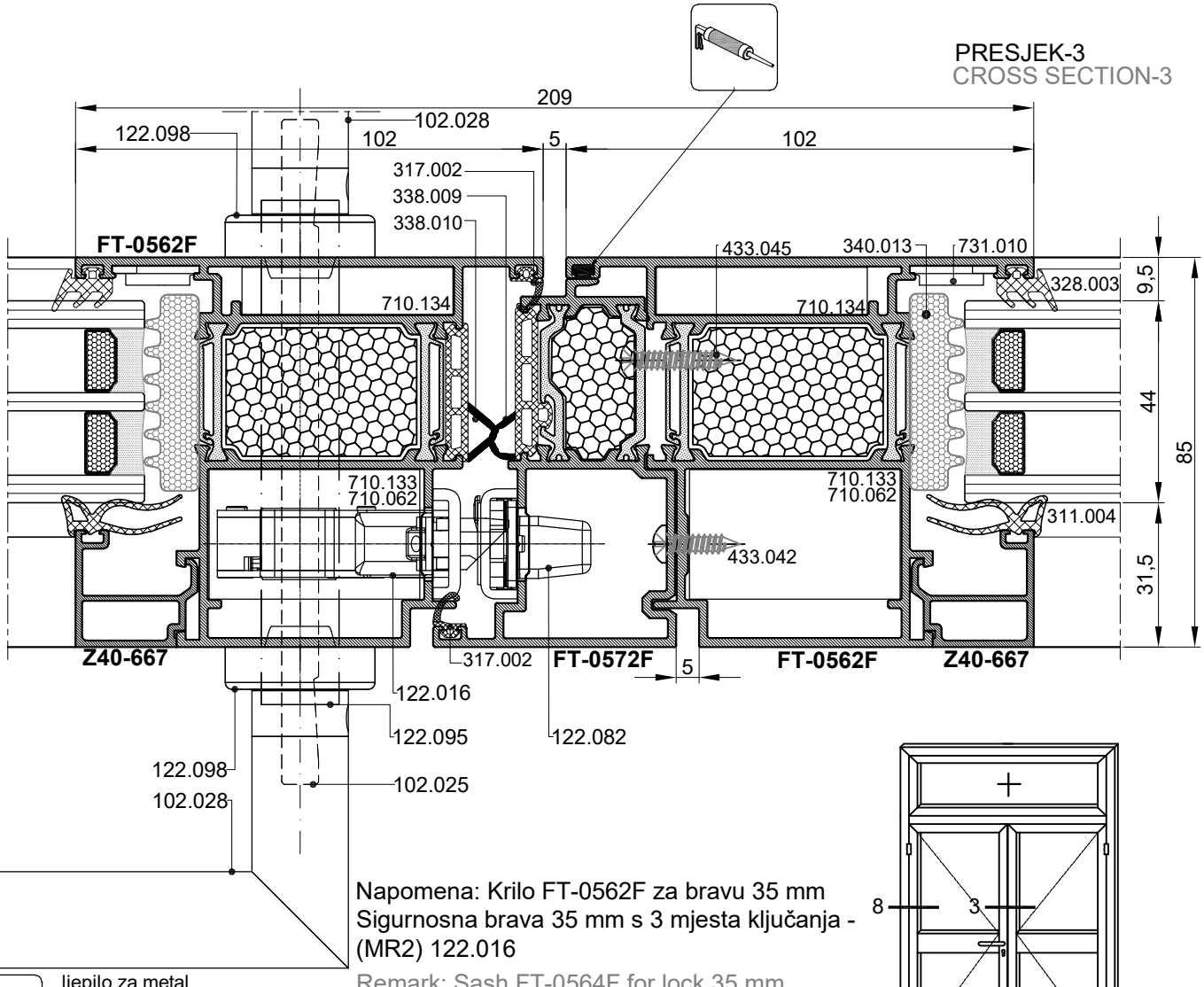
Napomena: Krilo FT-0564F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0564F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

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

PRESJEK-8
CROSS SECTION-8



PRESJEK-3
CROSS SECTION-3



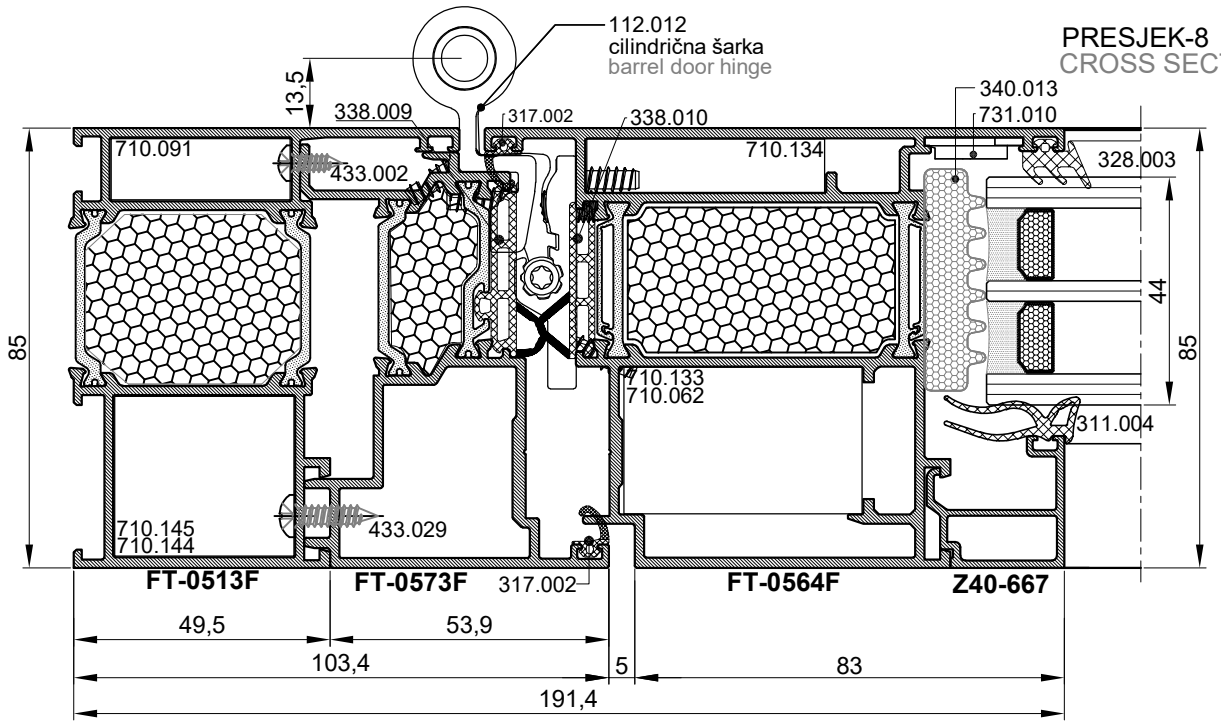
Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016

Remark: Sash FT-0564F for lock 35 mm
Safety lock 35 mm with 3 locking points- (MR2) 122.016

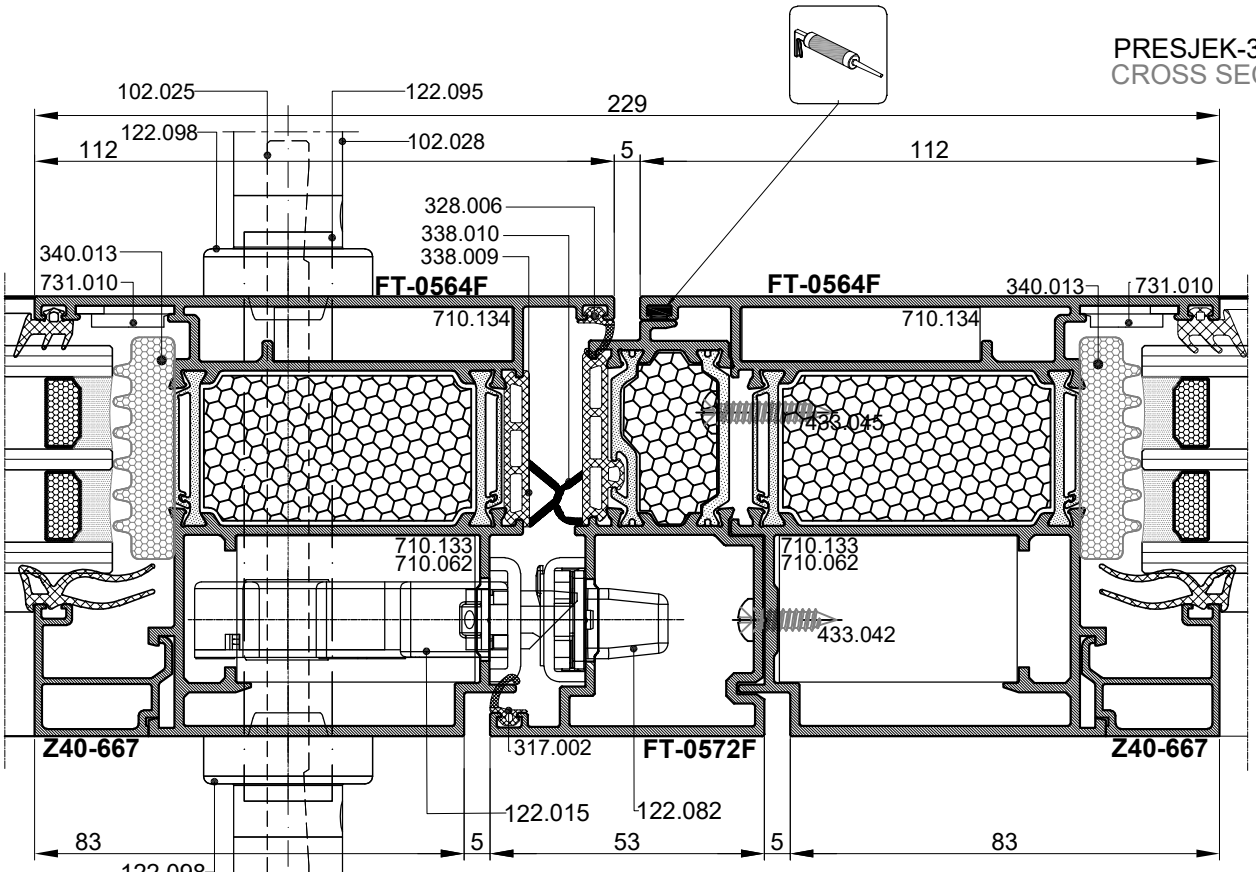


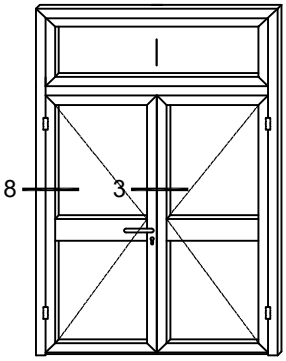
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

PRESJEK-8
CROSS SECTION-8



PRESJEK-3
CROSS SECTION-3



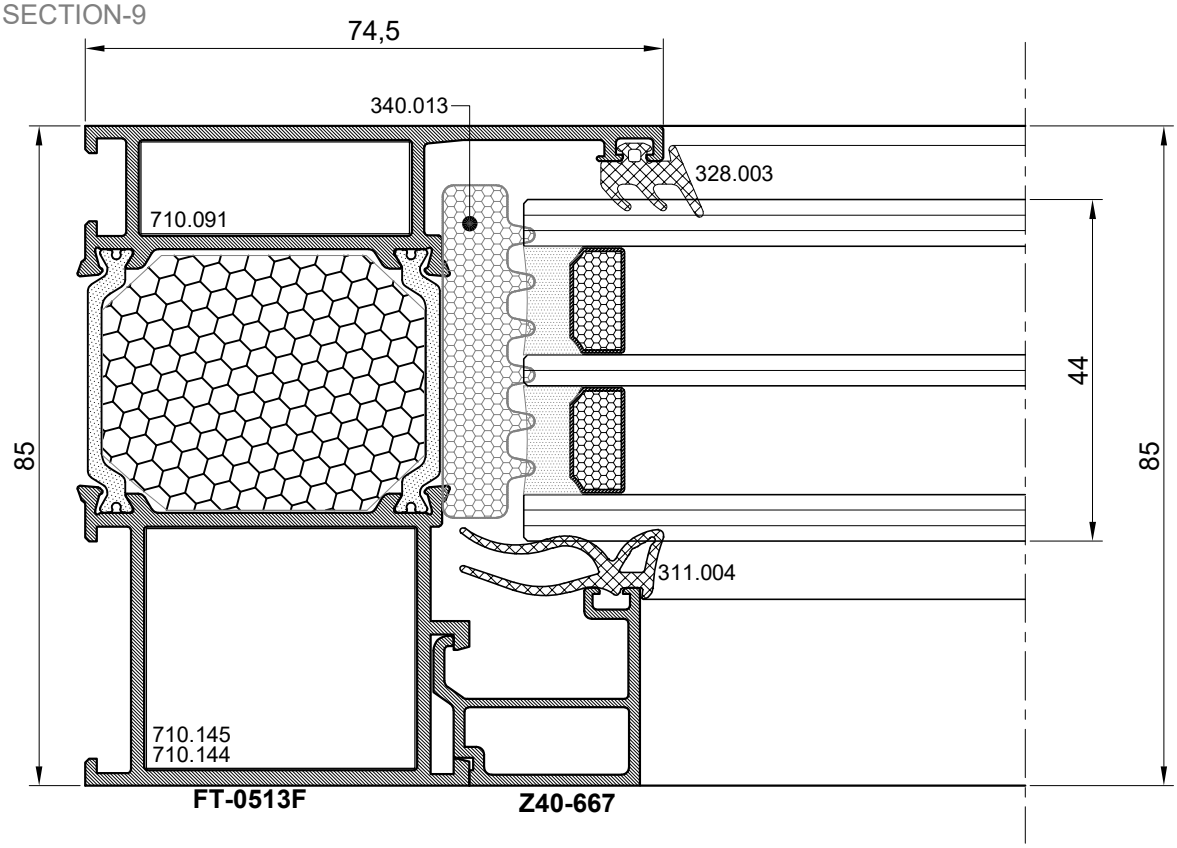


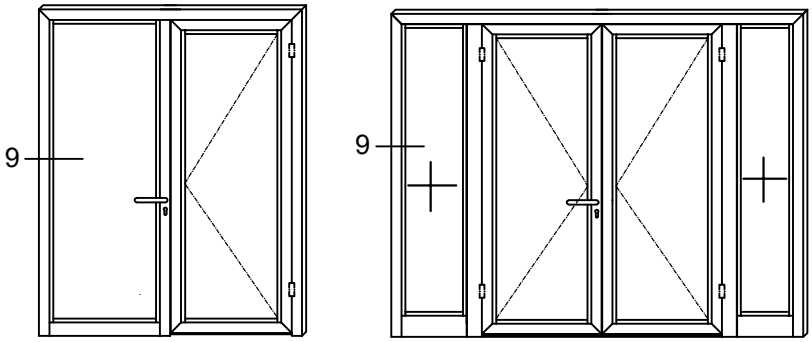
Napomena: Krilo FT-0564F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0564F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

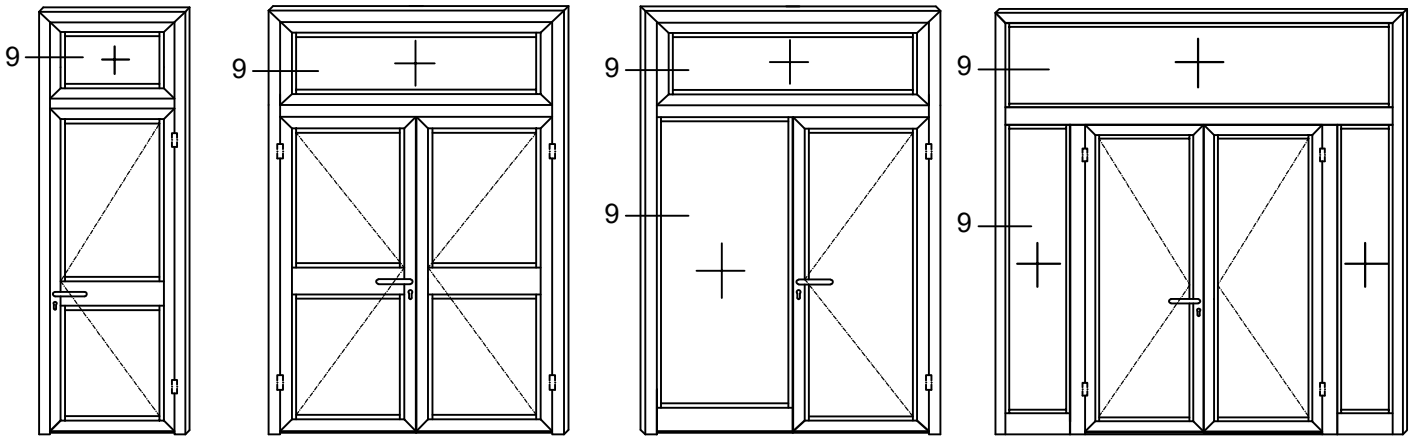


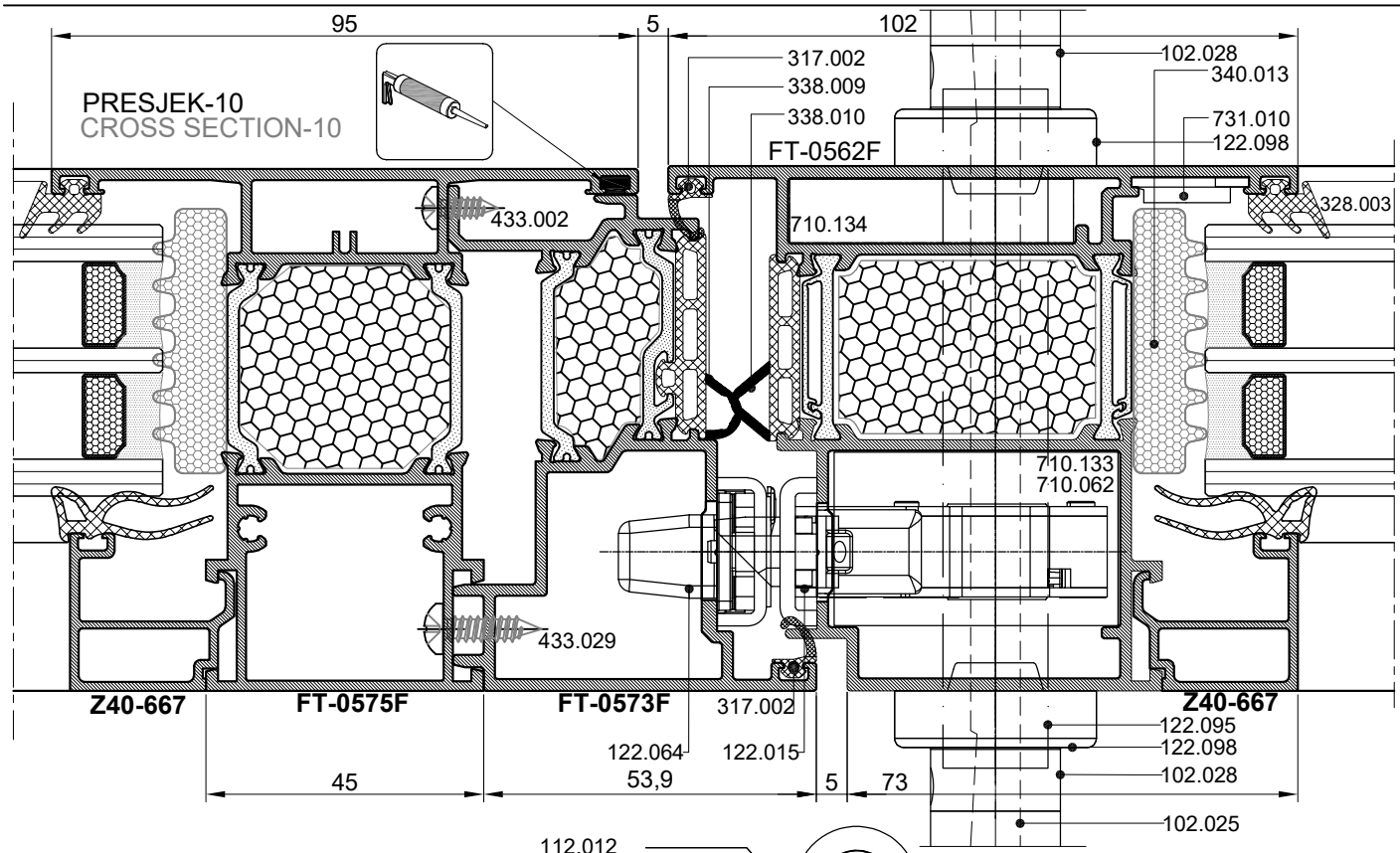
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

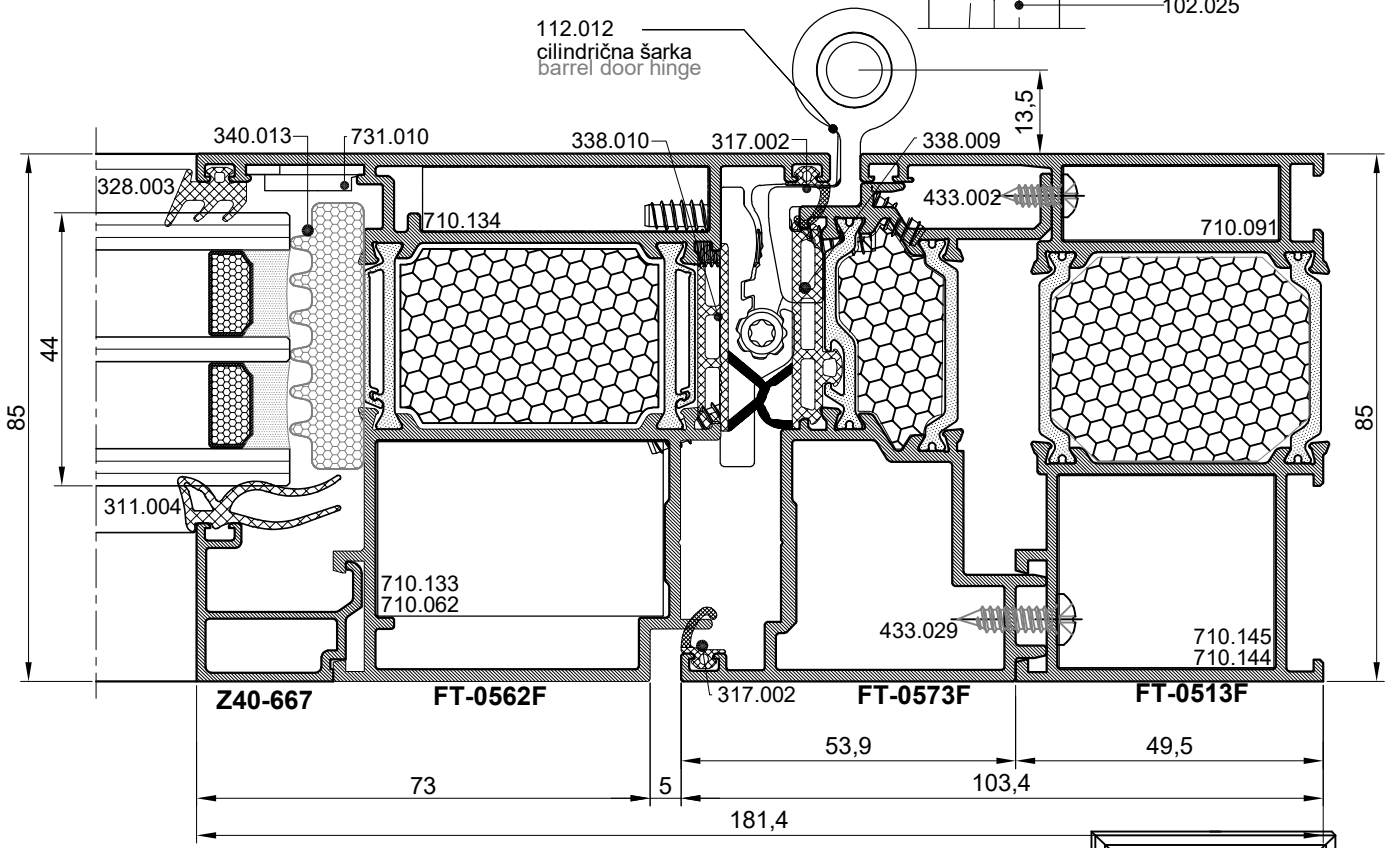
PRESJEK-9
CROSS SECTION-9

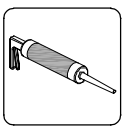




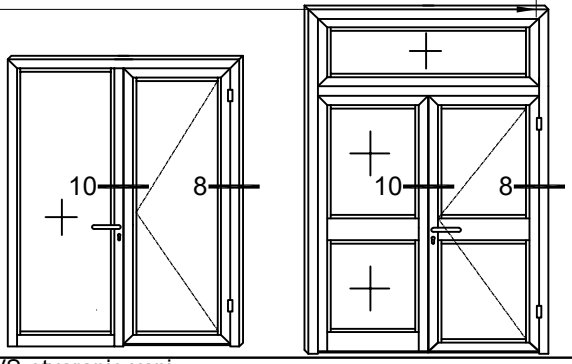






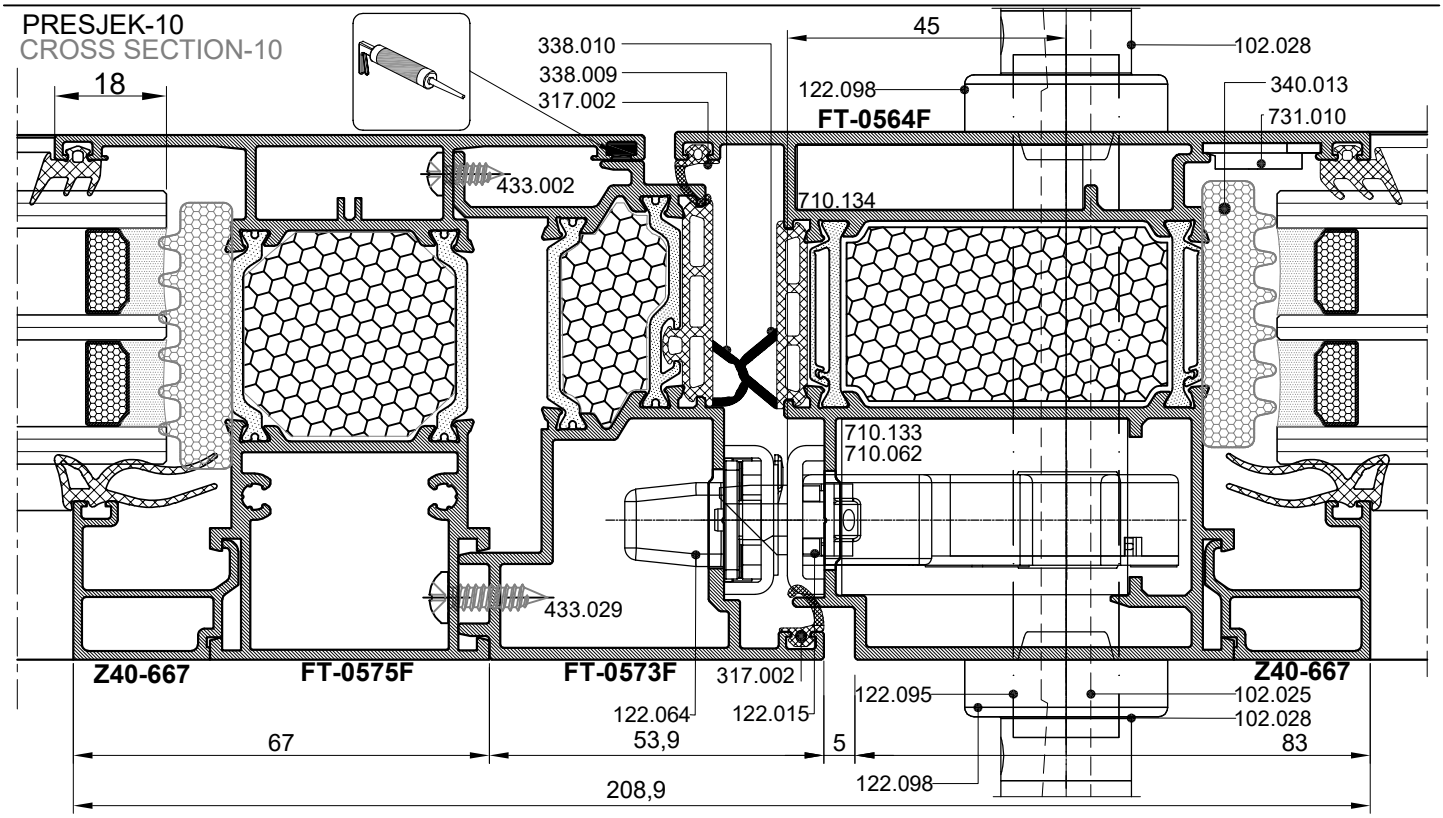


ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

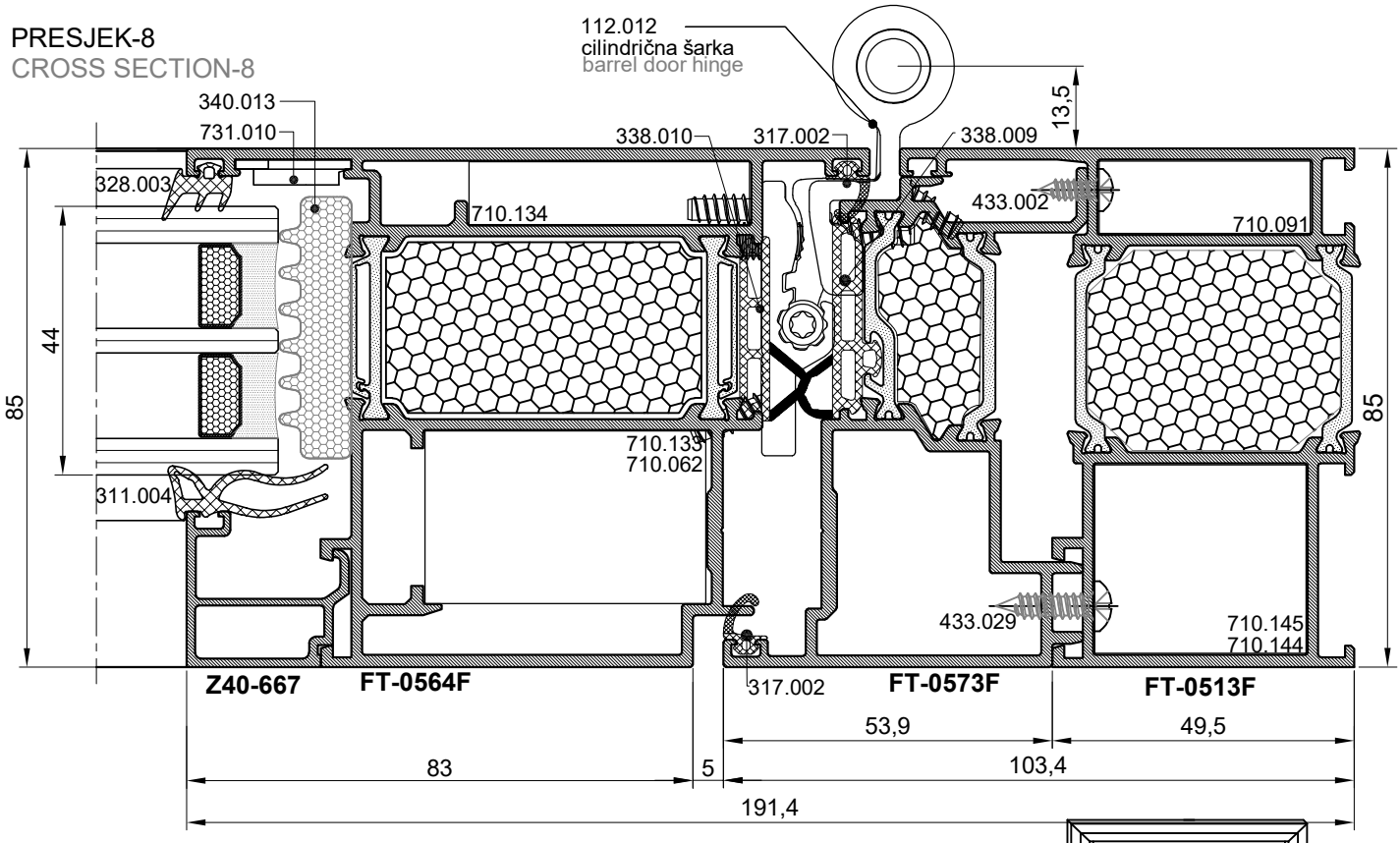


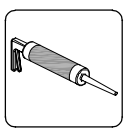
Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0564F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-10
CROSS SECTION-10

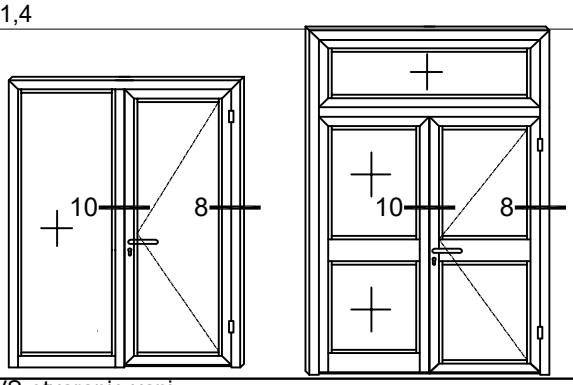


PRESJEK-8
CROSS SECTION-8



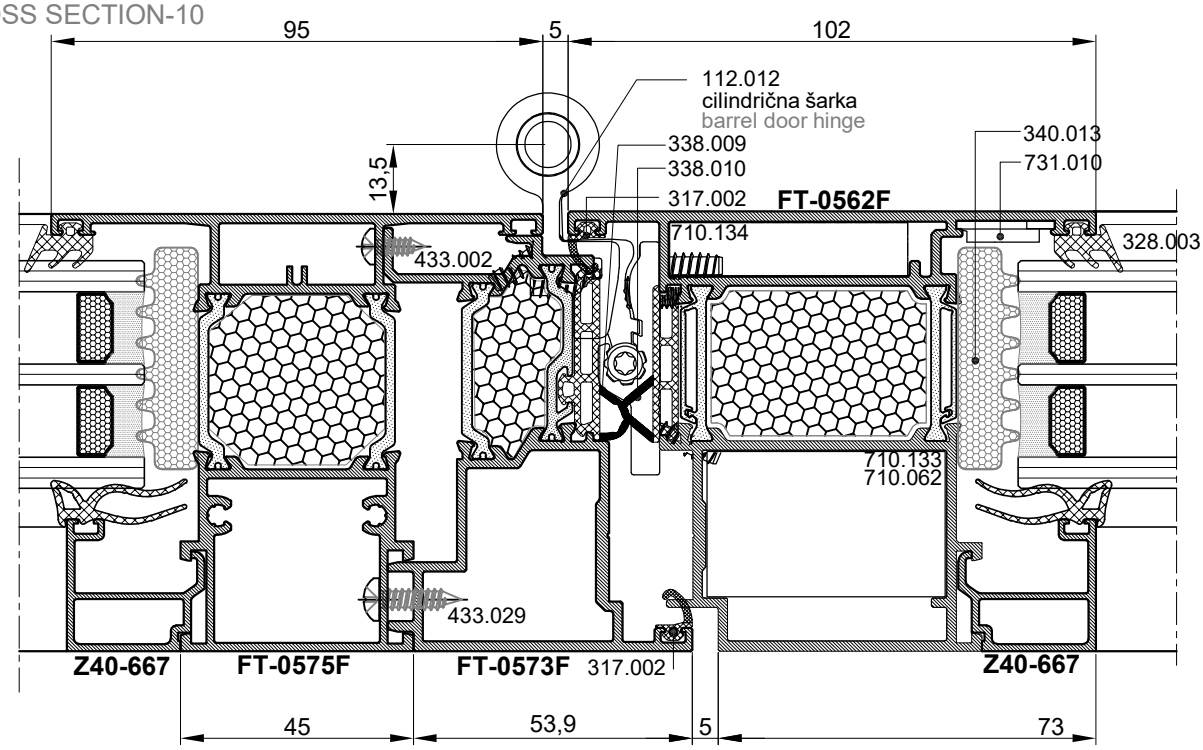


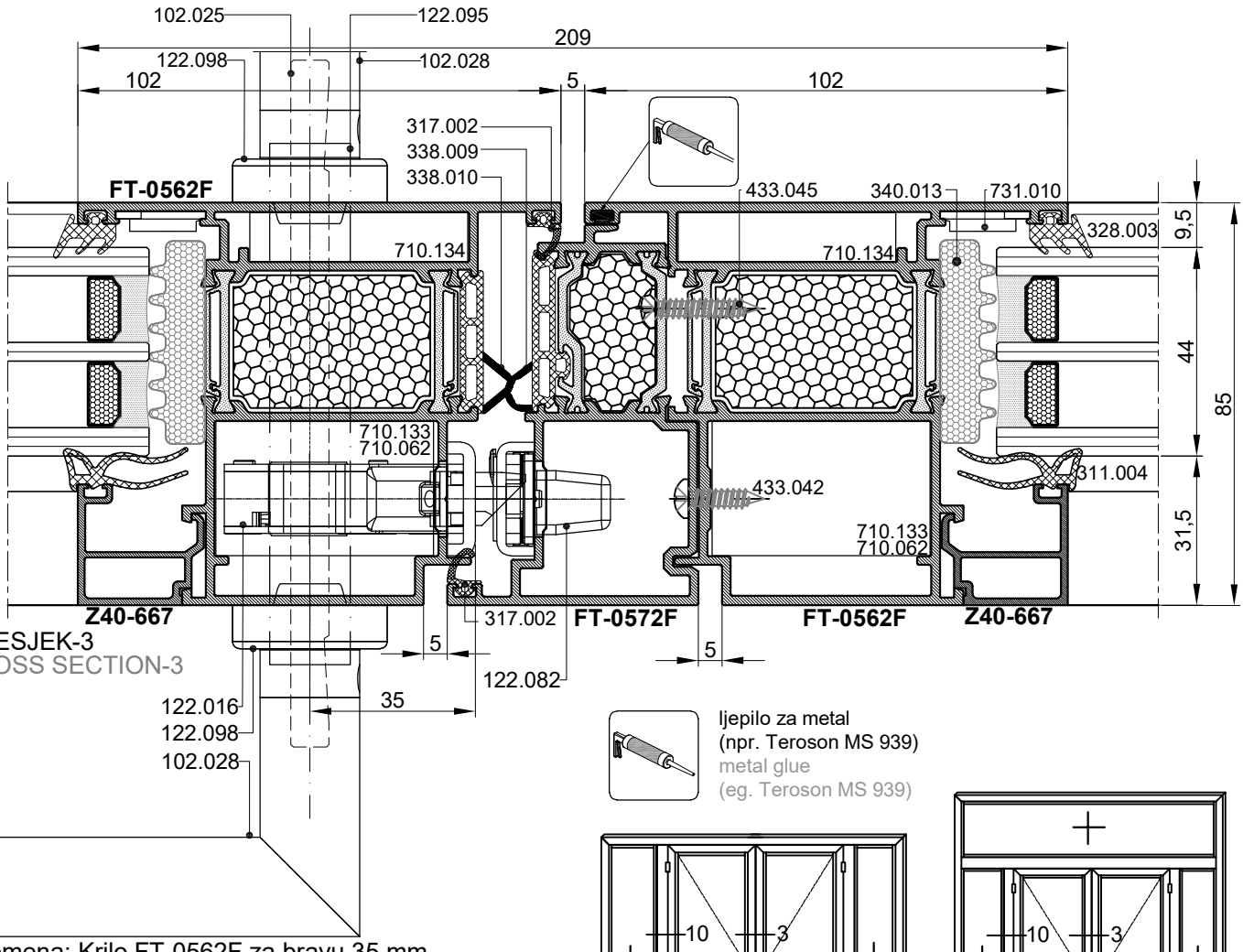
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)



Napomena: Krilo FT-0564F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0564F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

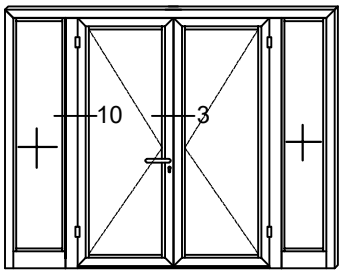
PRESJEK-10
CROSS SECTION-10





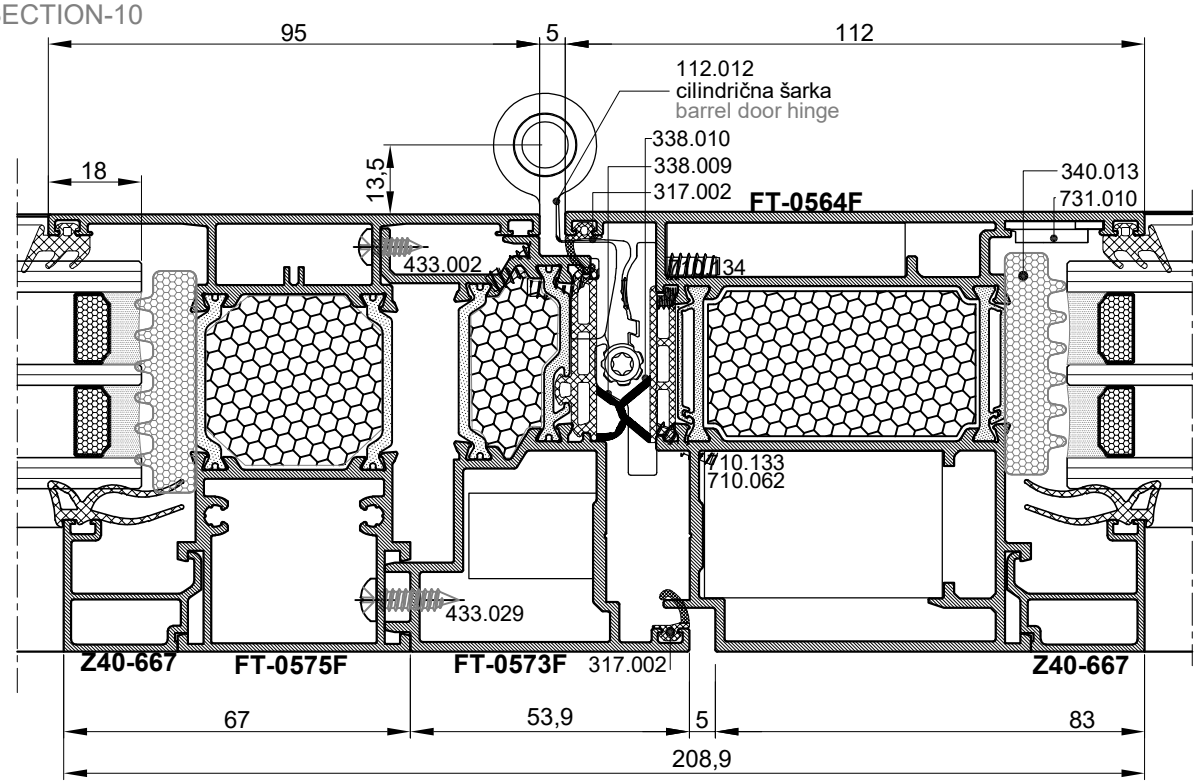
PRESJEK-3
CROSS SECTION-3

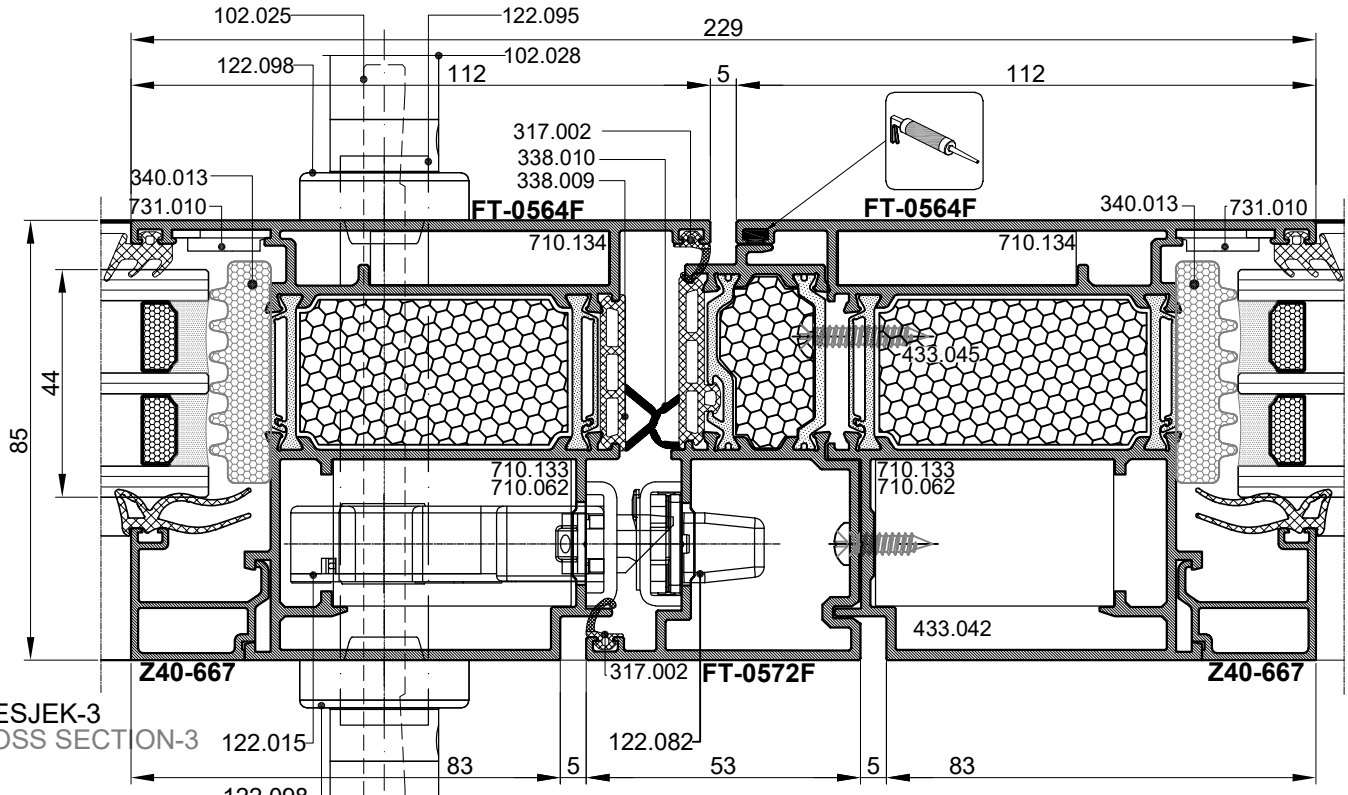
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)



Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0562F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-10
CROSS SECTION-10

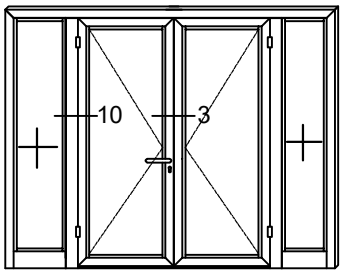


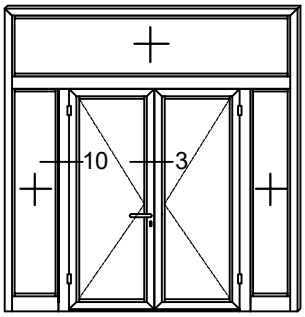


PRESJEK-3
CROSS SECTION-3



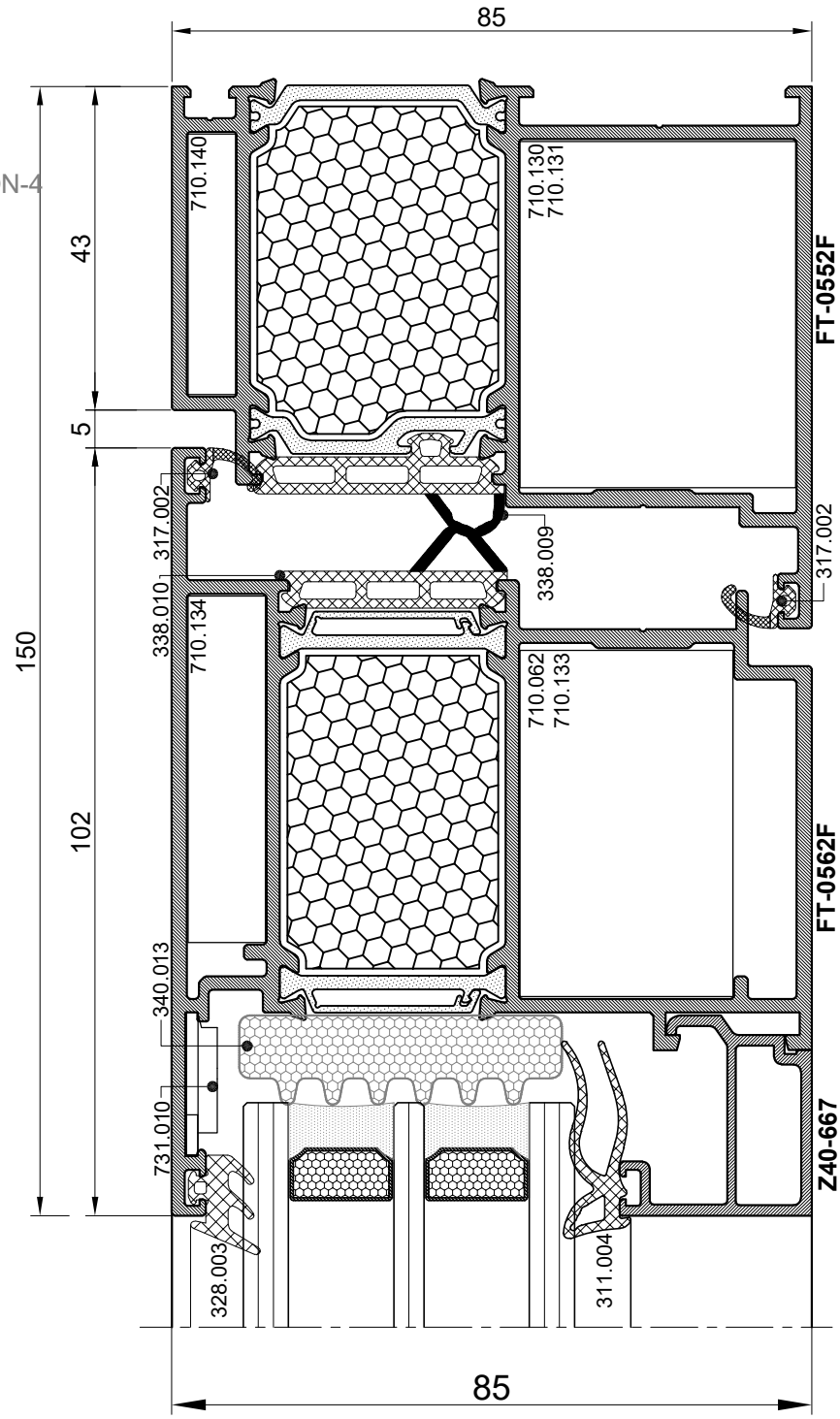
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

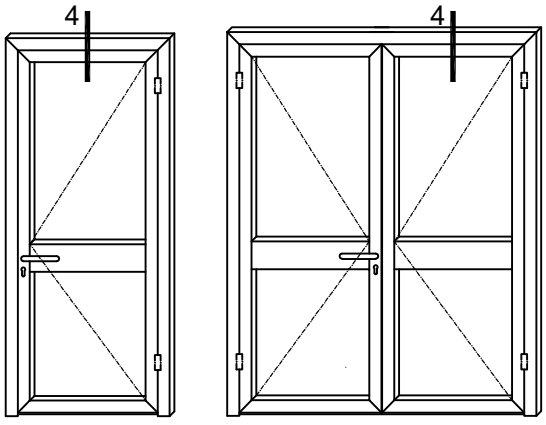




Napomena: Krilo FT-0564F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0564F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

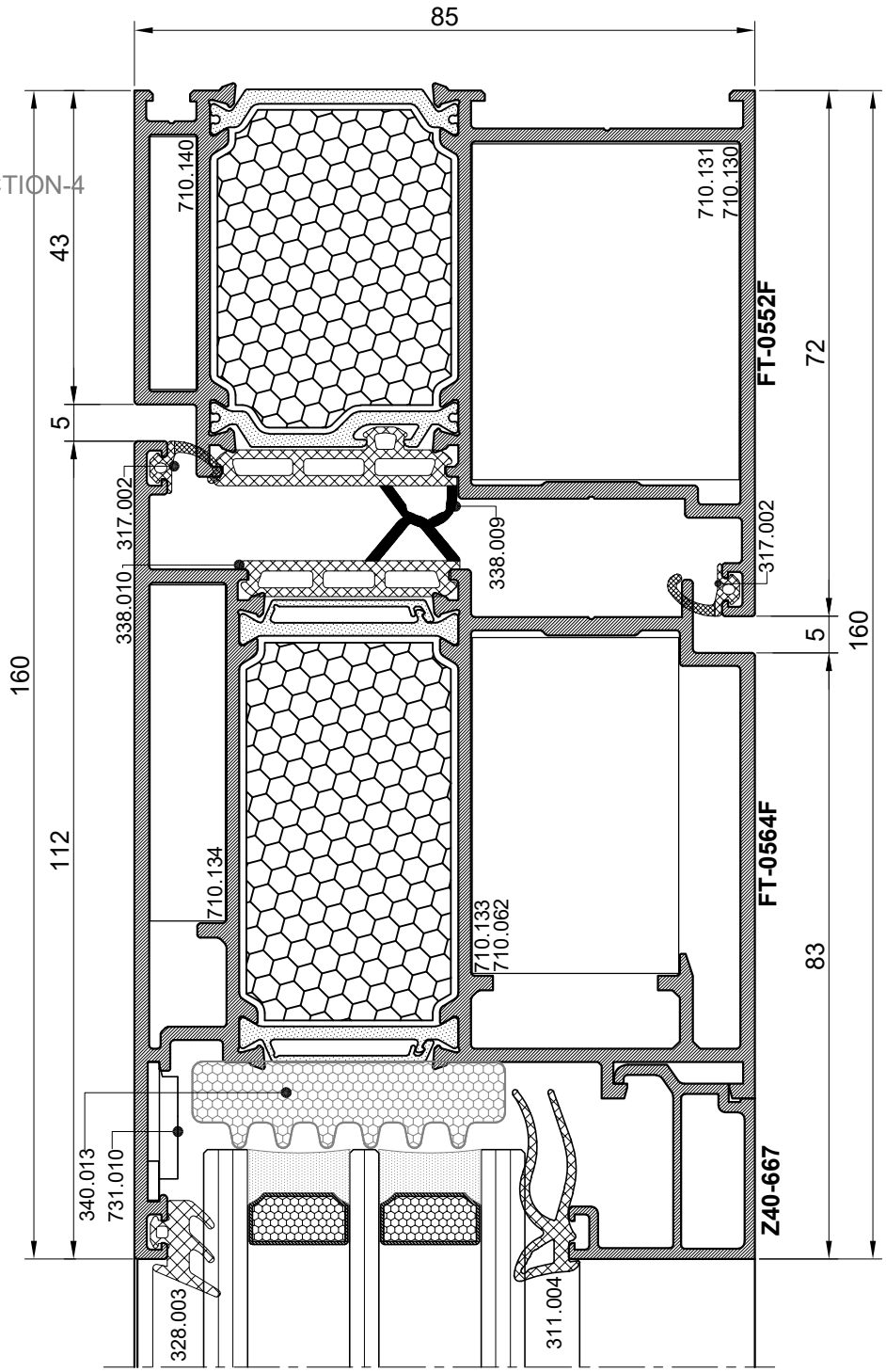
PRESJEK-4
CROSS SECTION-4

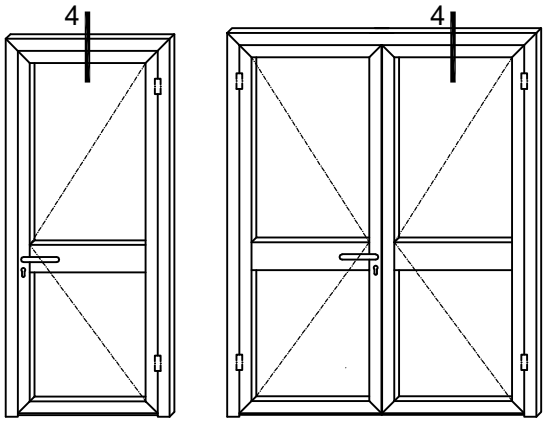




NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

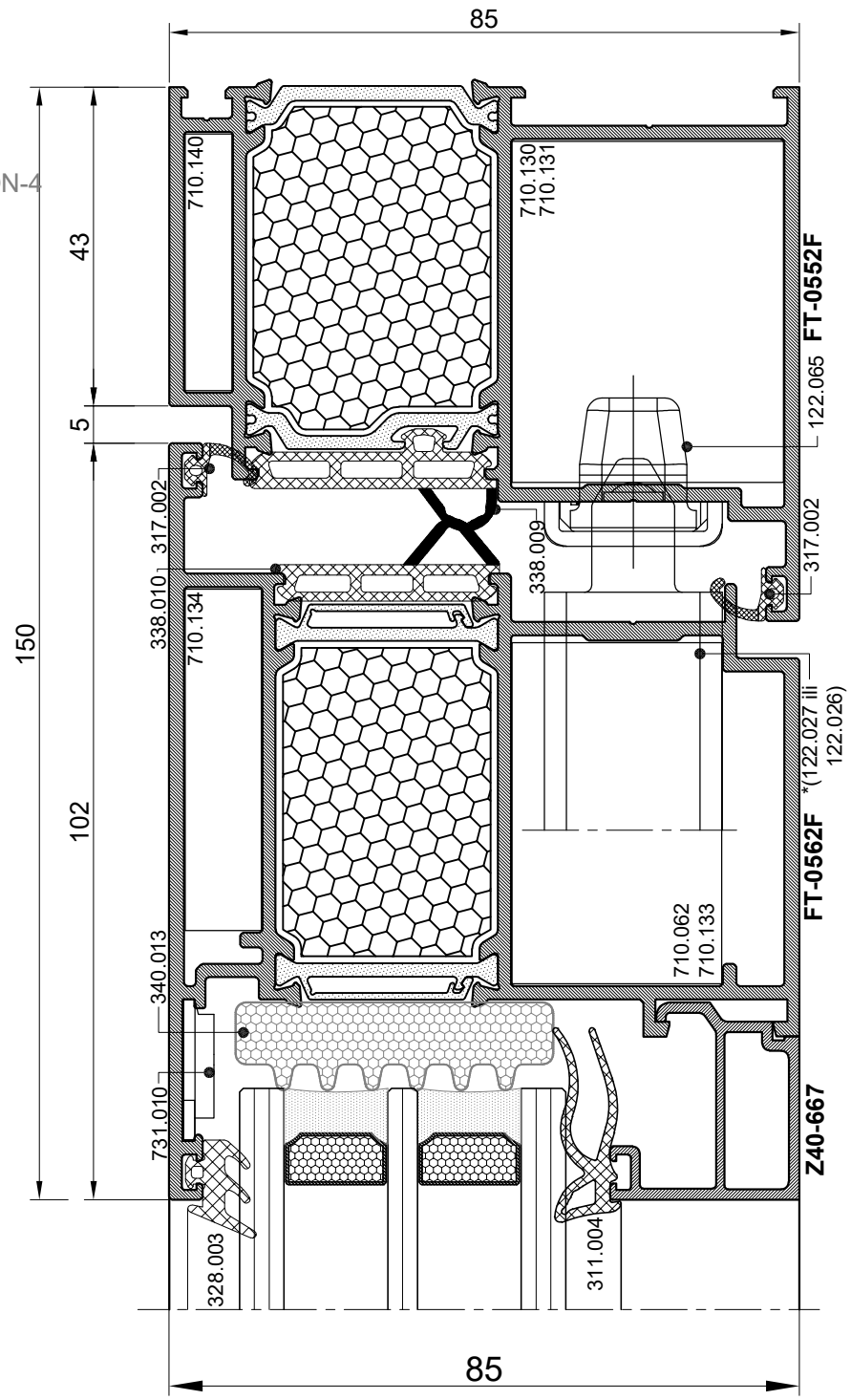
PRESJEK-4
CROSS SECTION-4

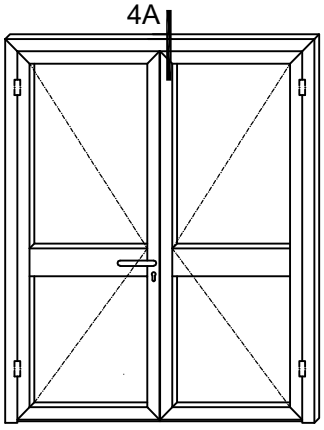




NAPOMENA: KRILO FT-0564F ZA BRAVU 45-icu
REMARK: SASH FT-0564F FOR LOCK - BACKSET 45

PRESJEK-4A
CROSS SECTION-4



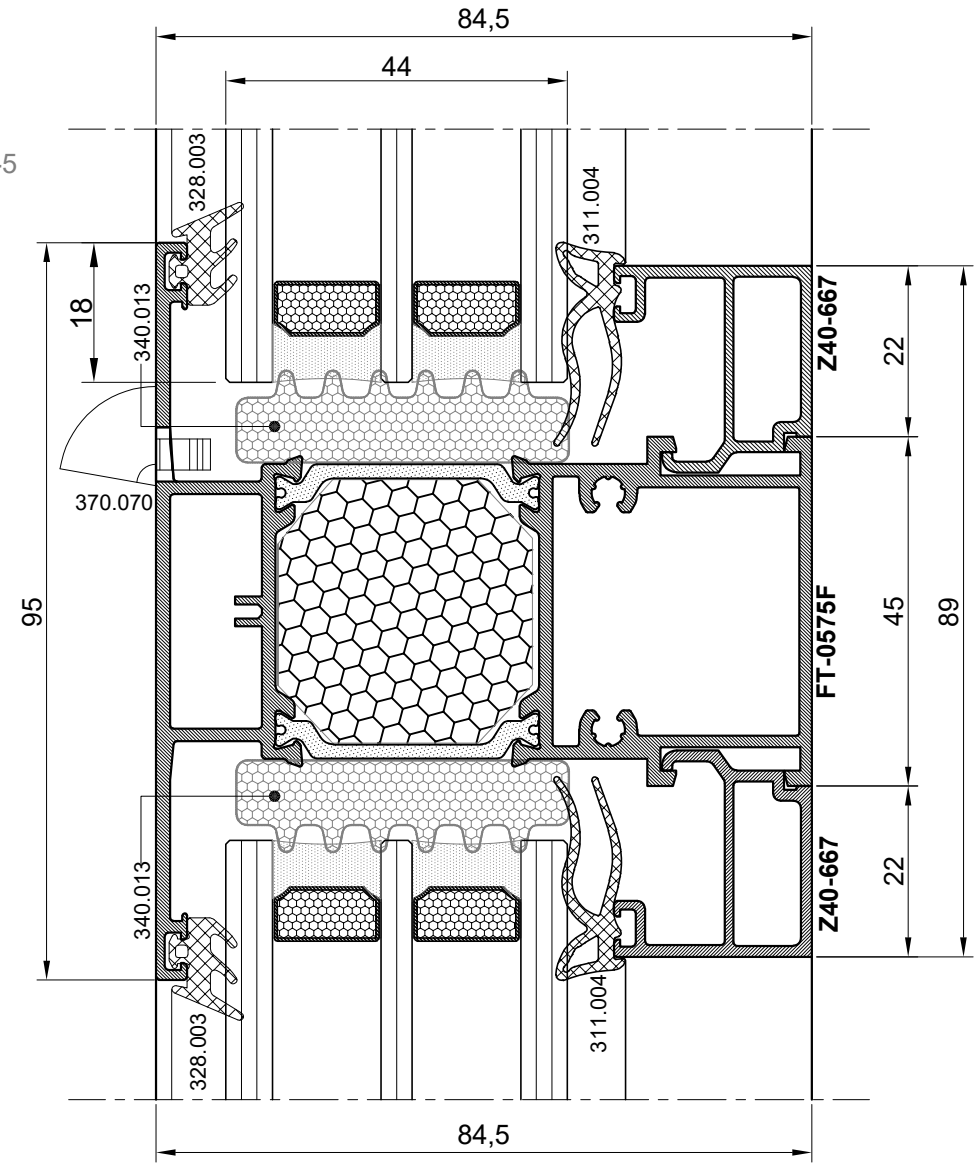


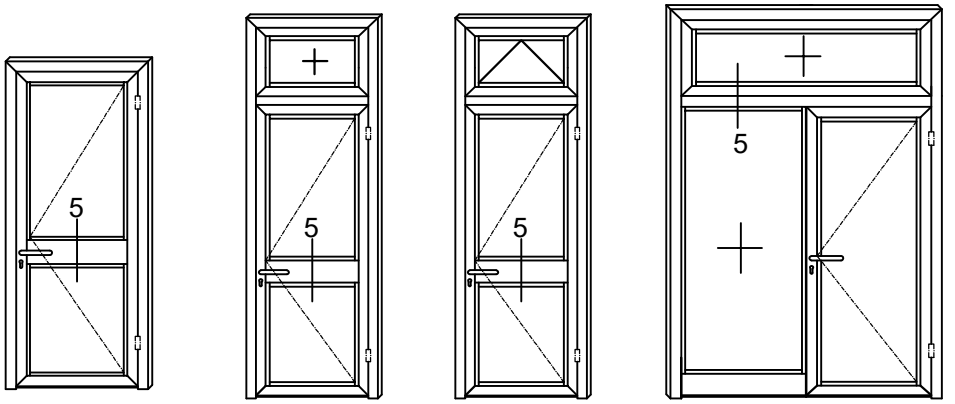
* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata. Za više informacija pogledajte poglavlje mehanizmi.

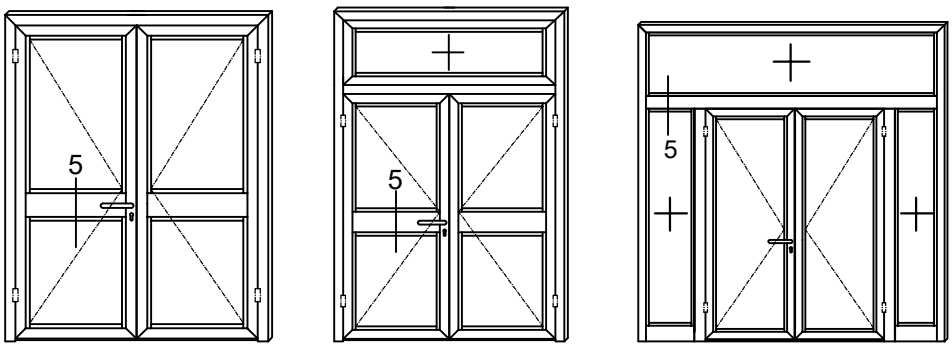
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

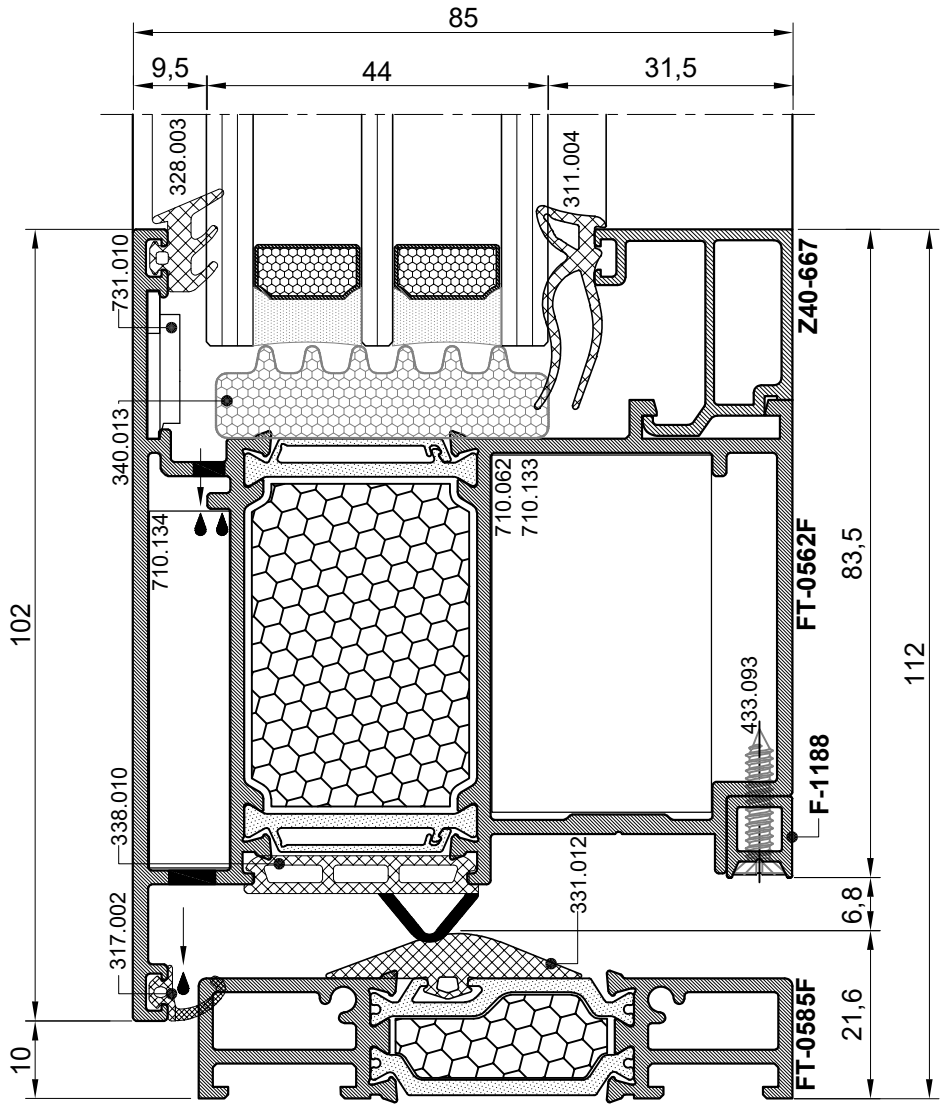
PRESJEK-5
CROSS SECTION-5

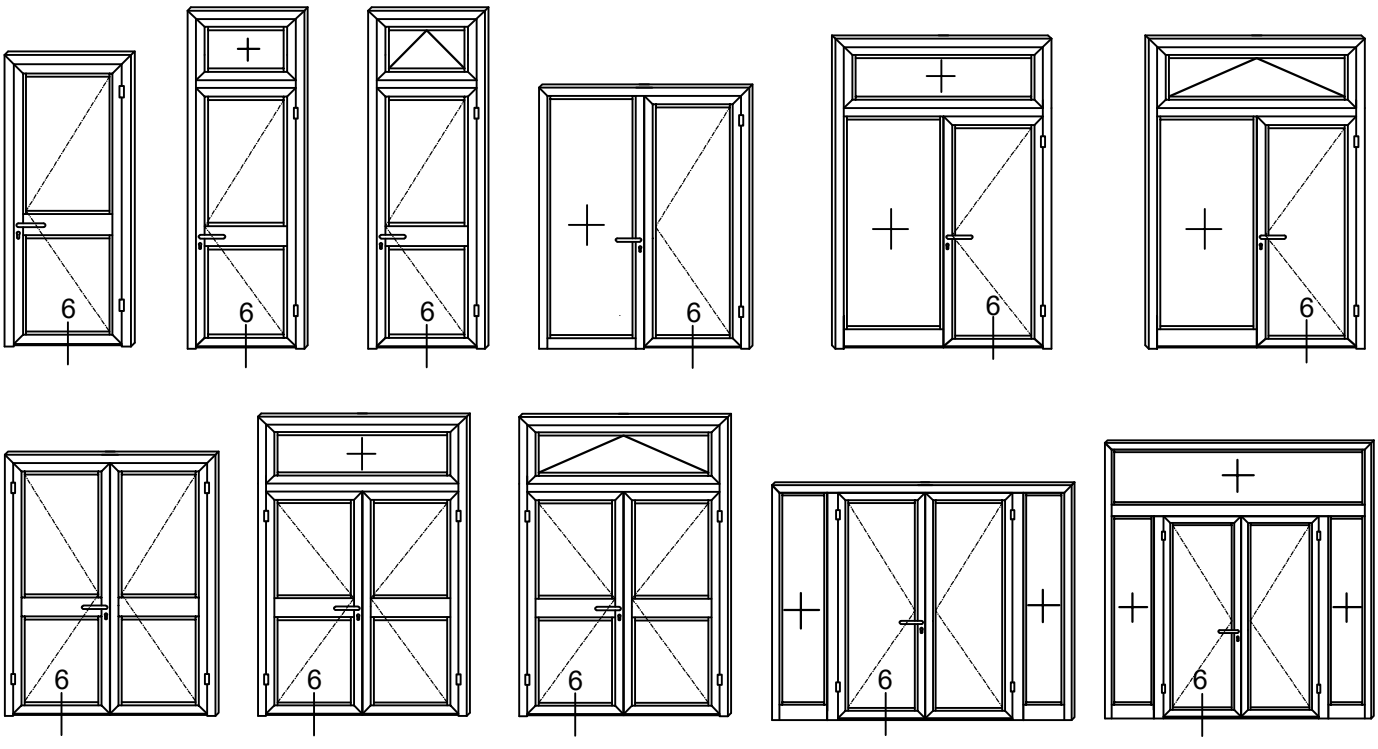






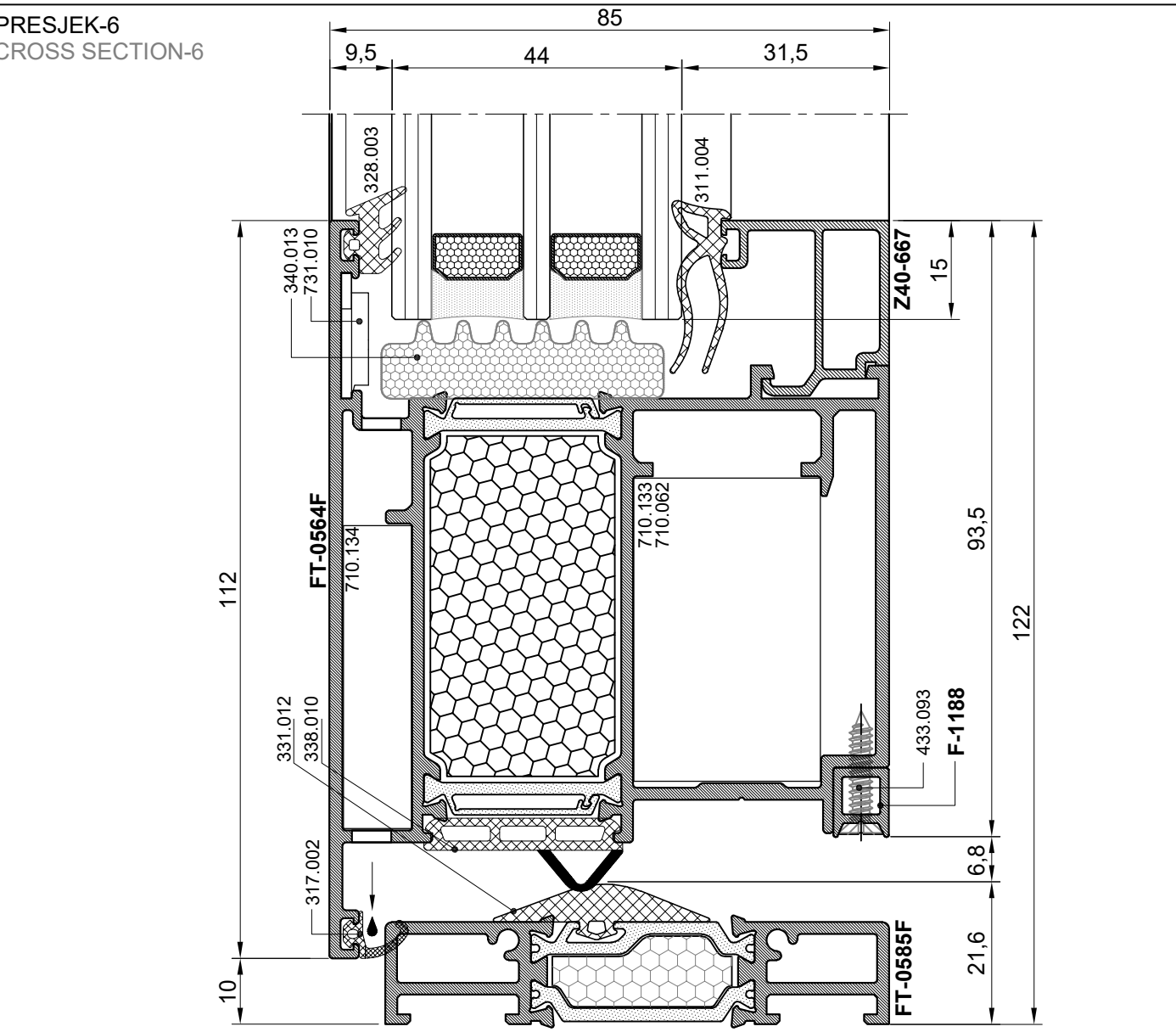
PRESJEK-6
CROSS SECTION-6

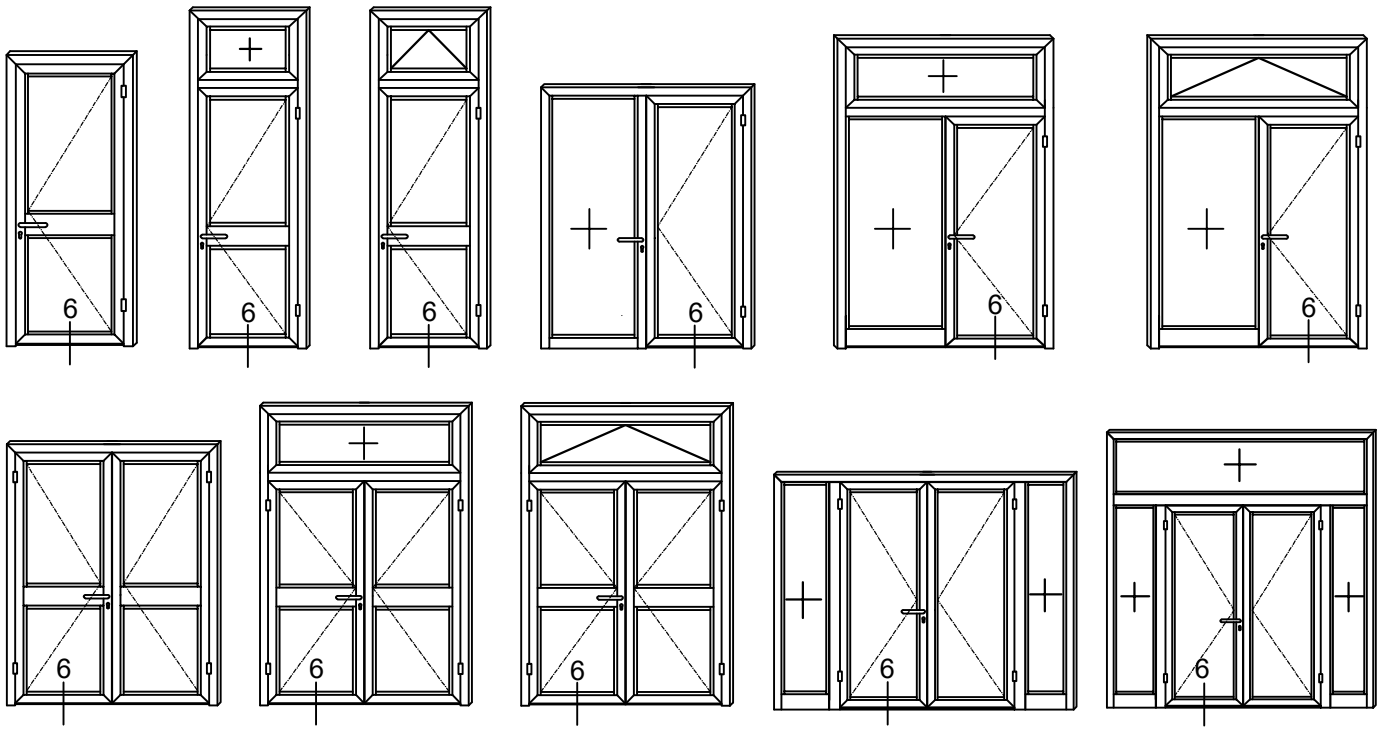




NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

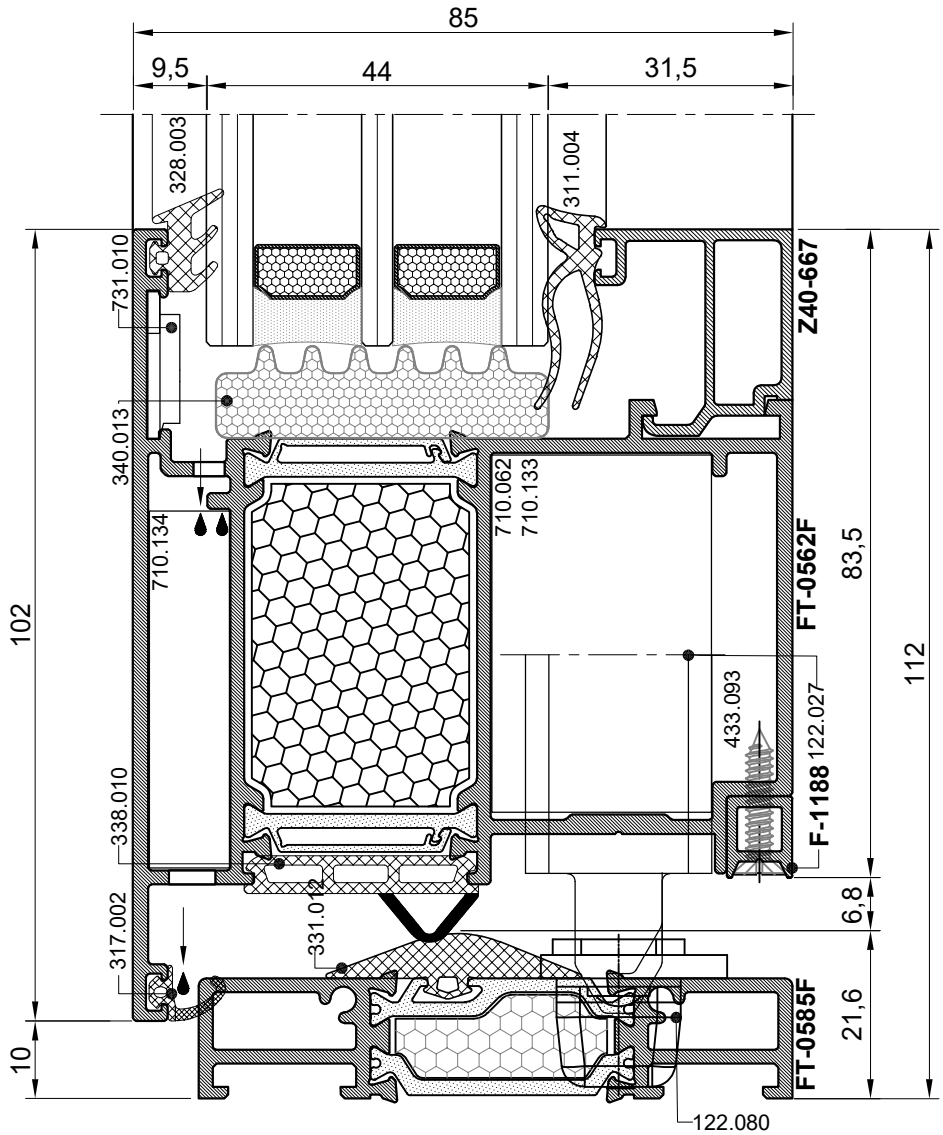
PRESJEK-6
CROSS SECTION-6

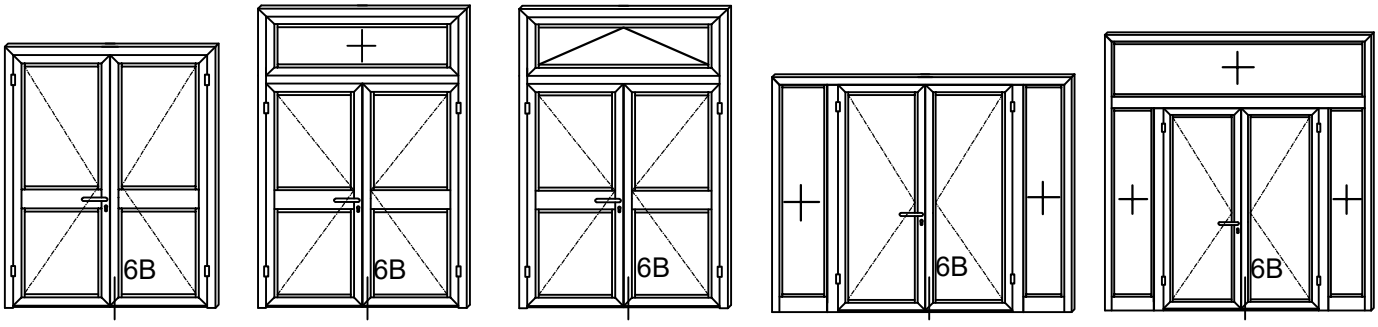




NAPOMENA: KRILO FT-0564F ZA BRAVU 45-icu
REMARK: SASH FT-0564F FOR LOCK -BACKSET 45

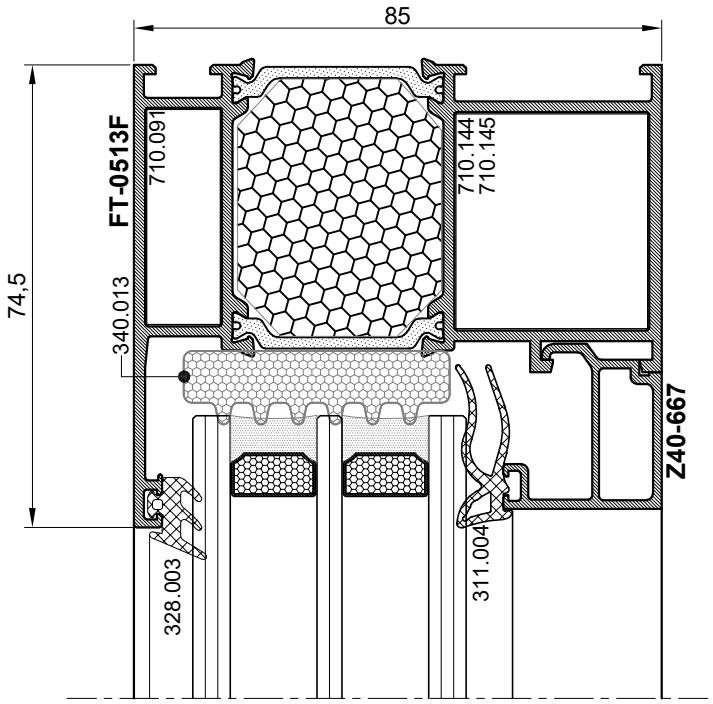
PRESJEK-6B
CROSS SECTION-6

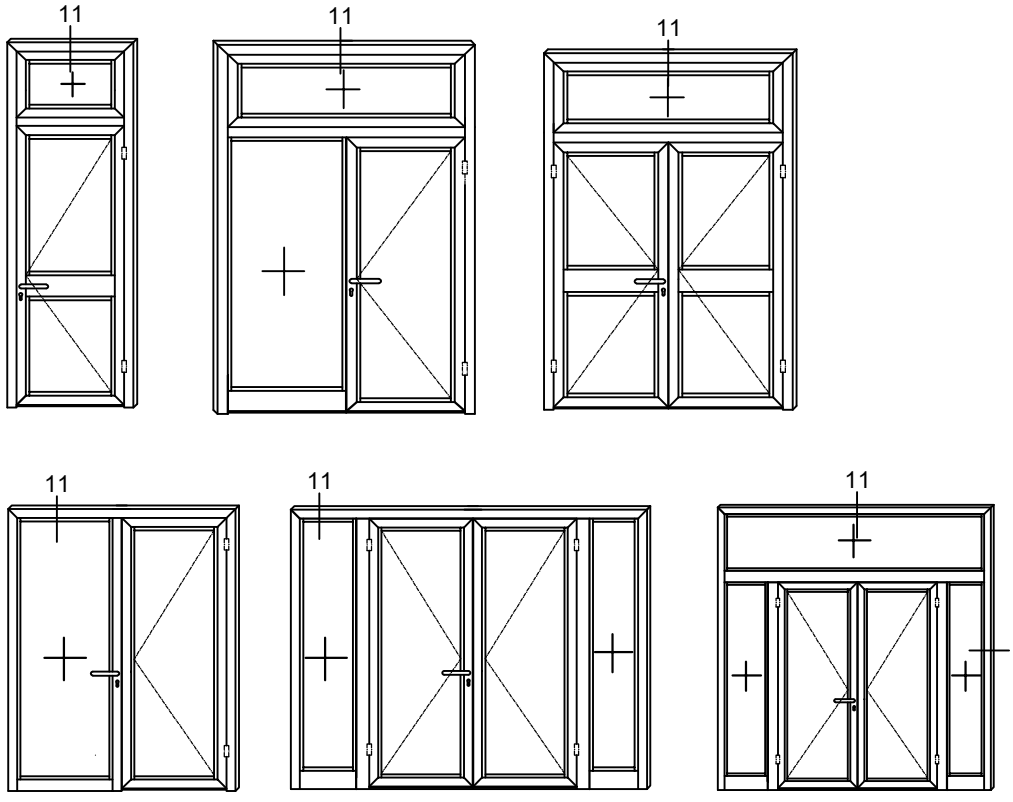




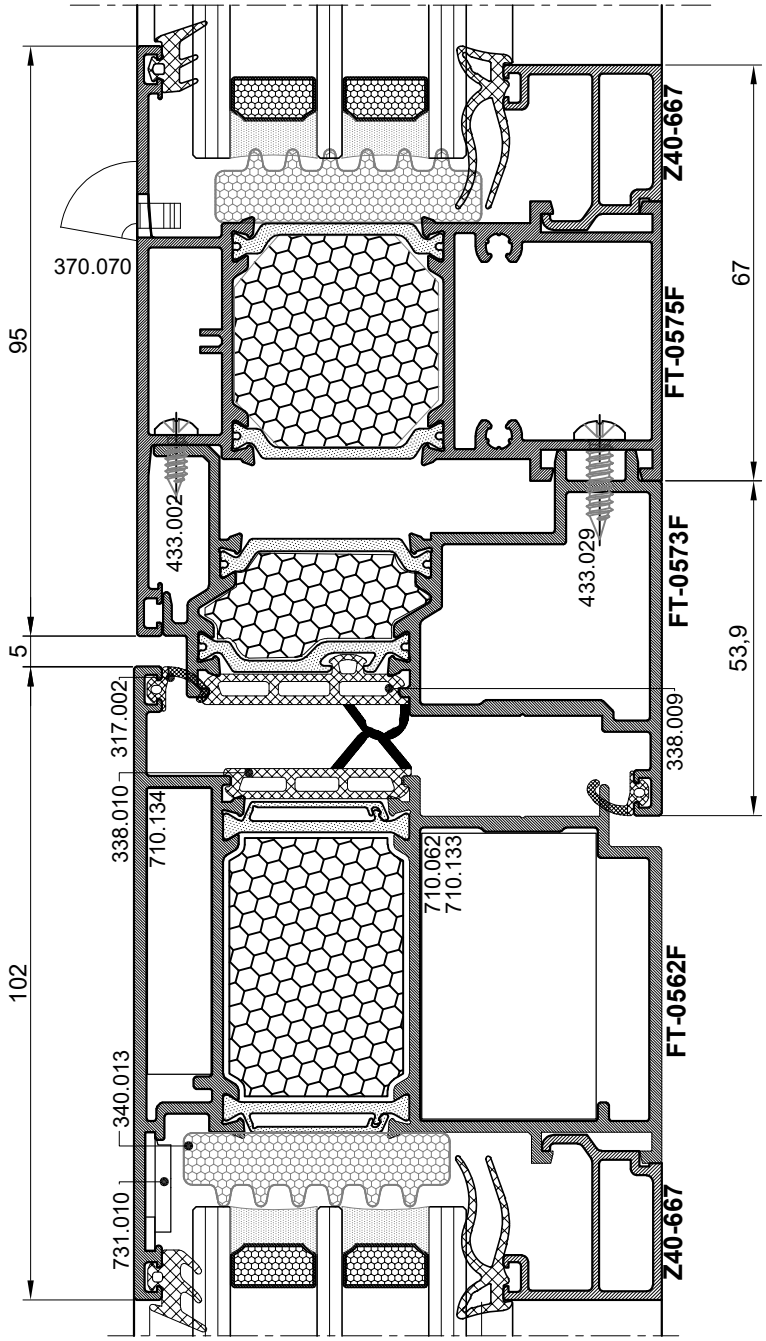
NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

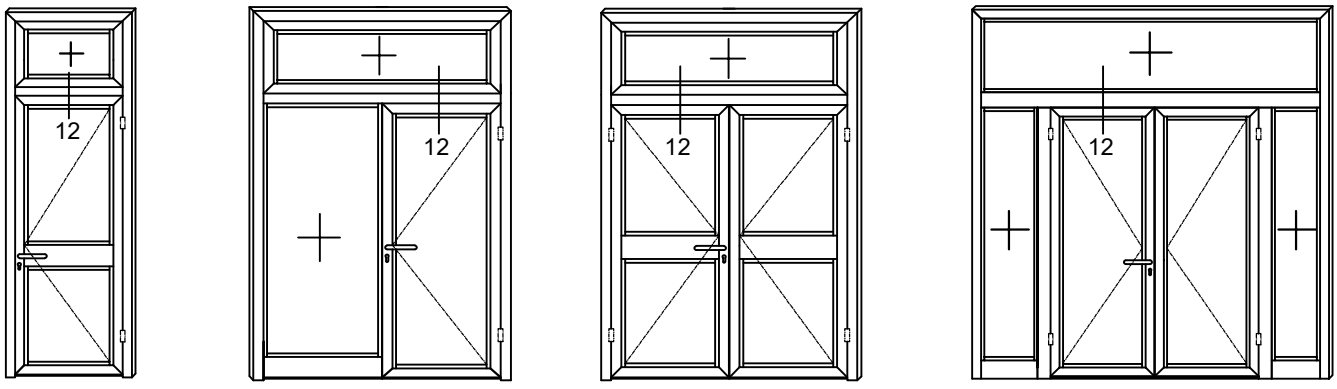
PRESJEK-11
CROSS SECTION-11





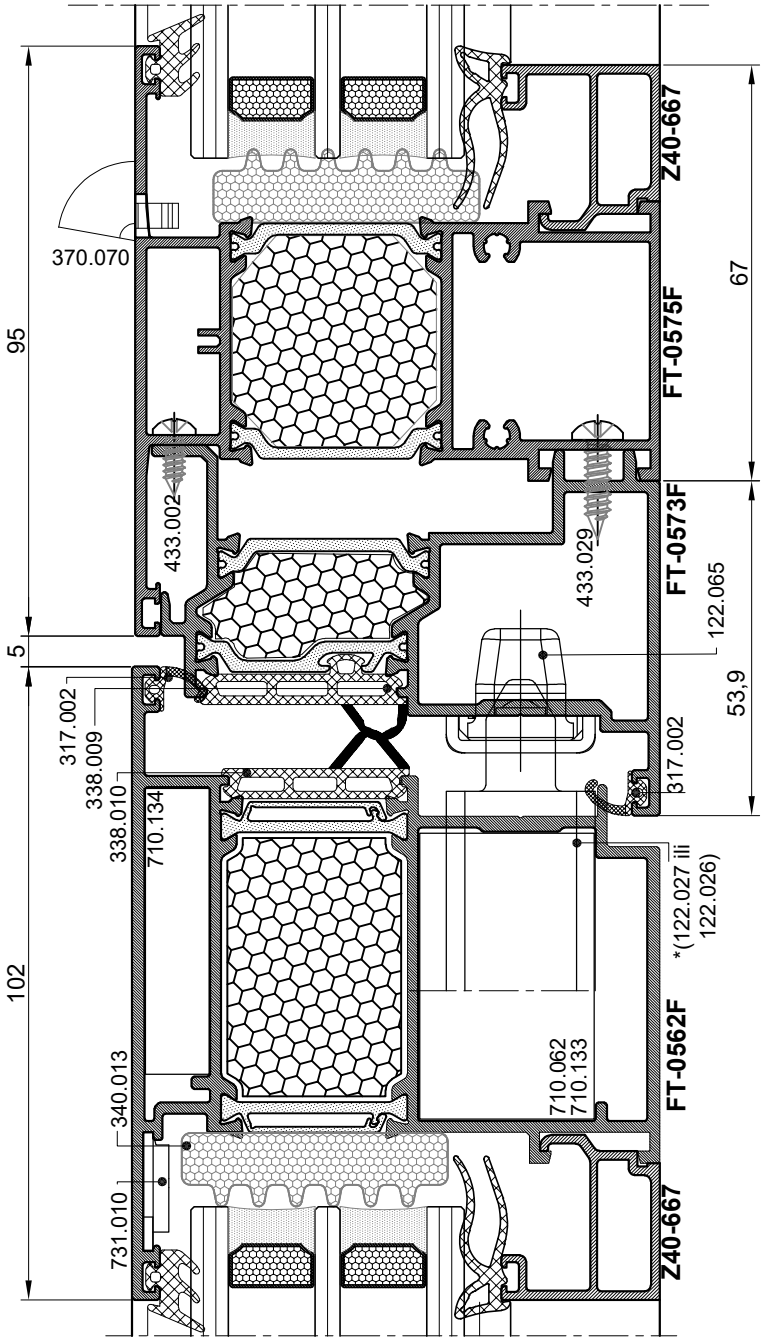
PRESJEK-12
CROSS SECTION-12

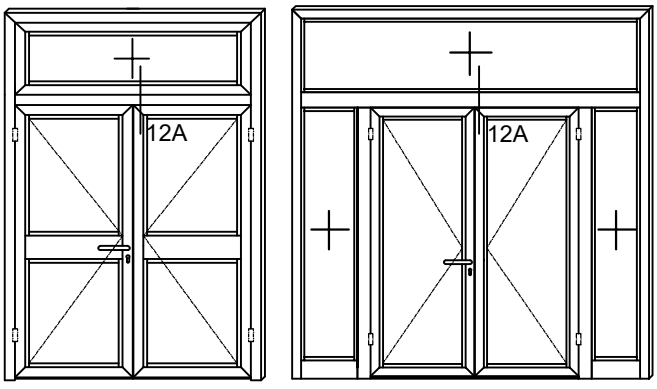




NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

PRESJEK-12A
CROSS SECTION-12

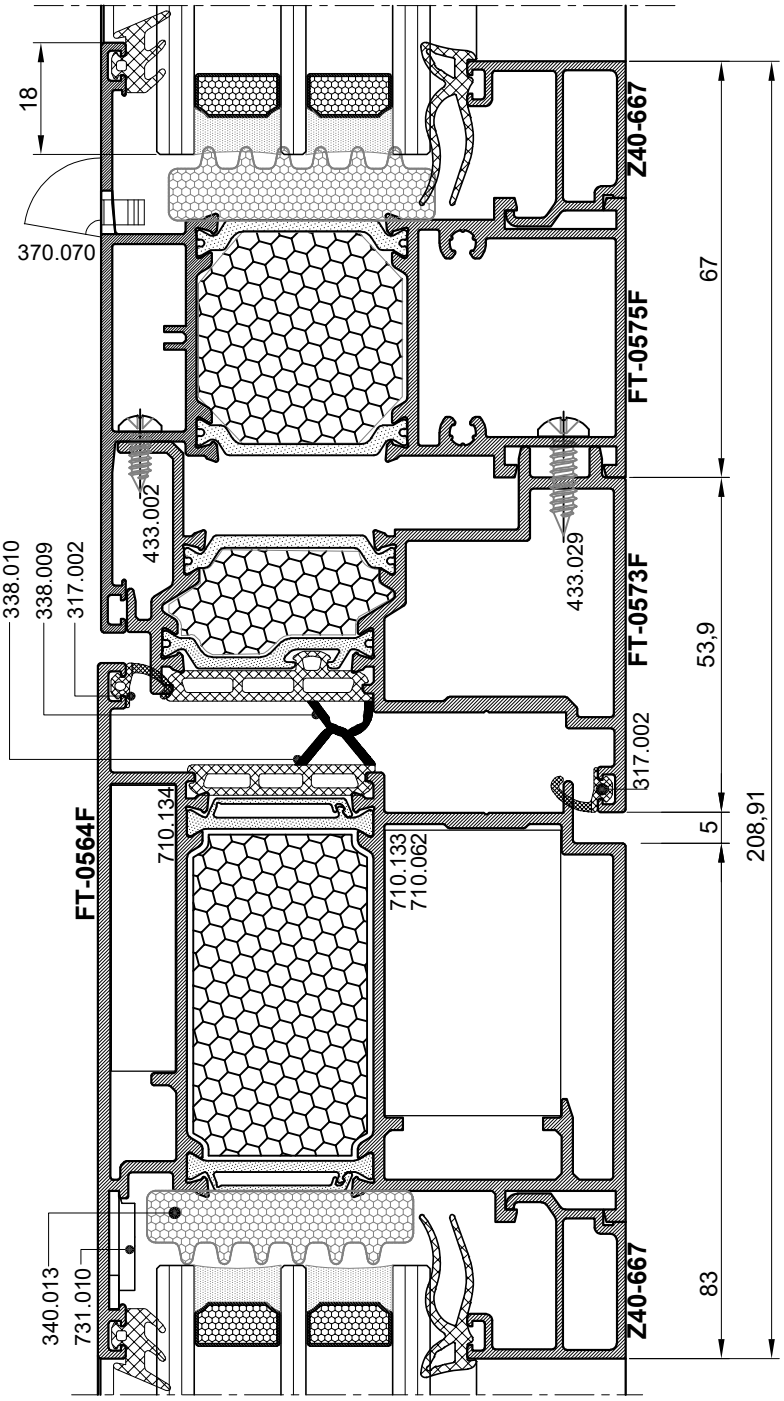


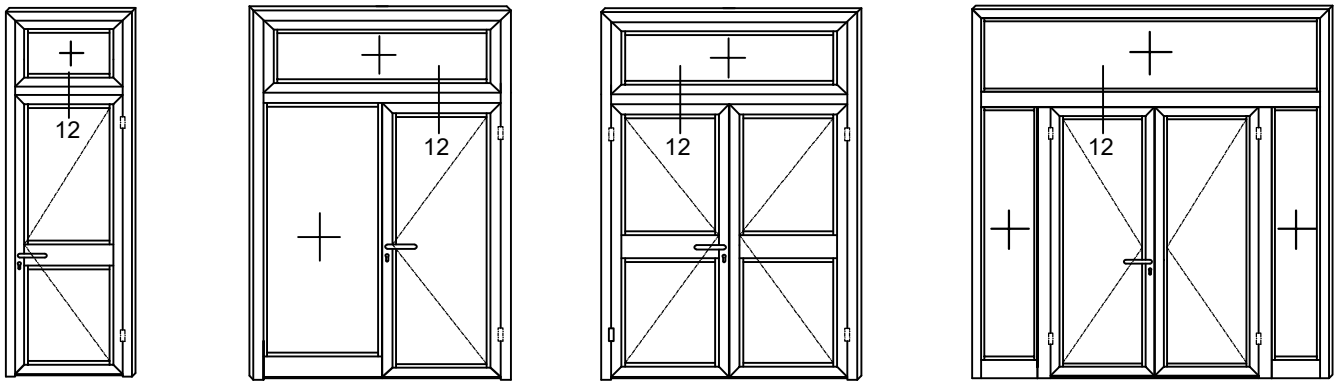


* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata. Za više informacija pogledajte poglavlje mehanizmi.
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

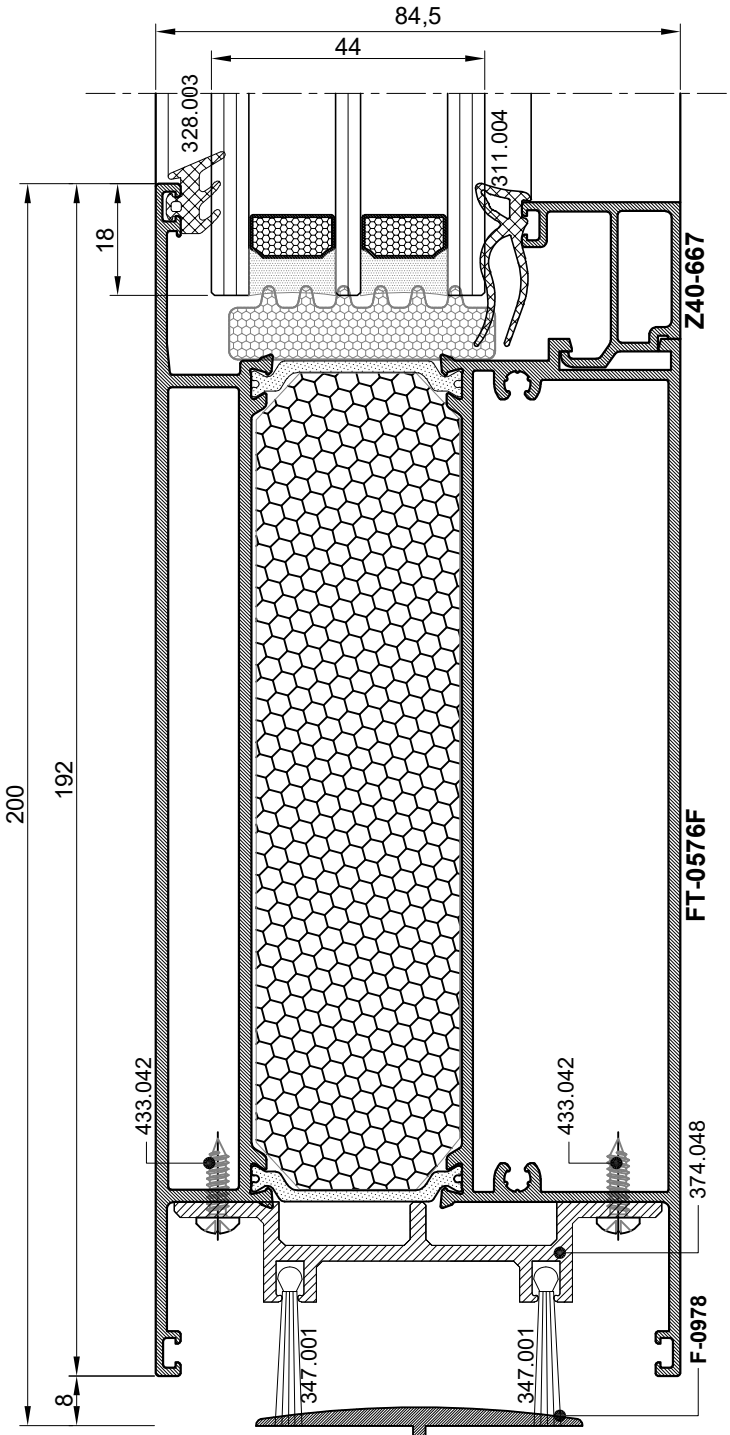
PRESJEK-12
CROSS SECTION-12

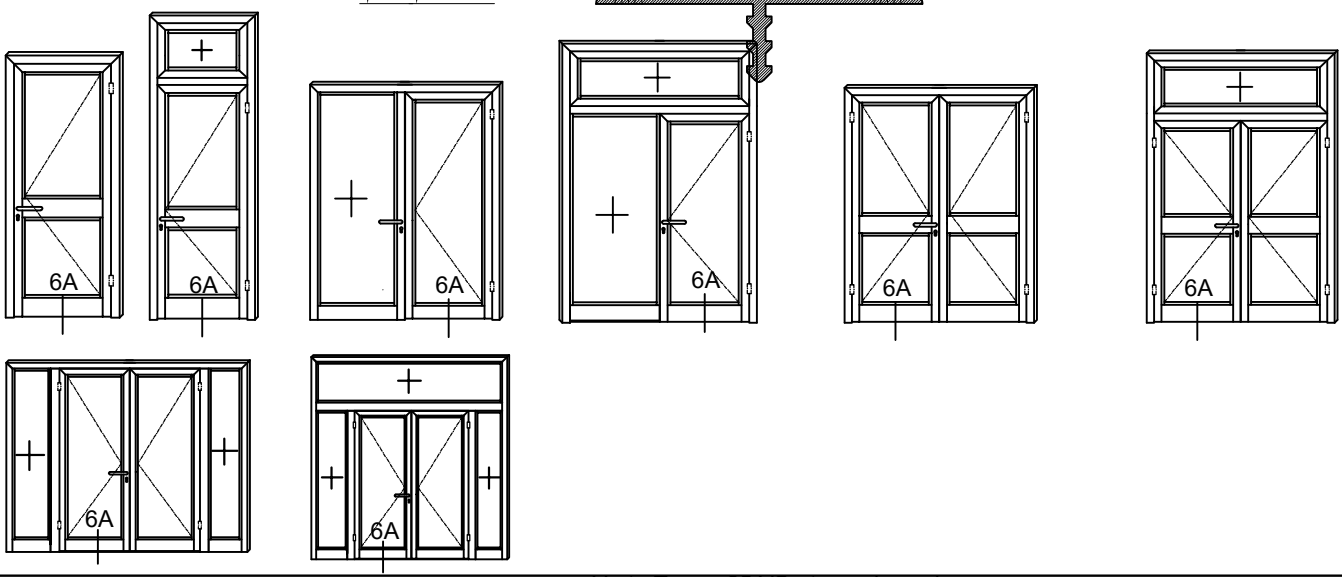




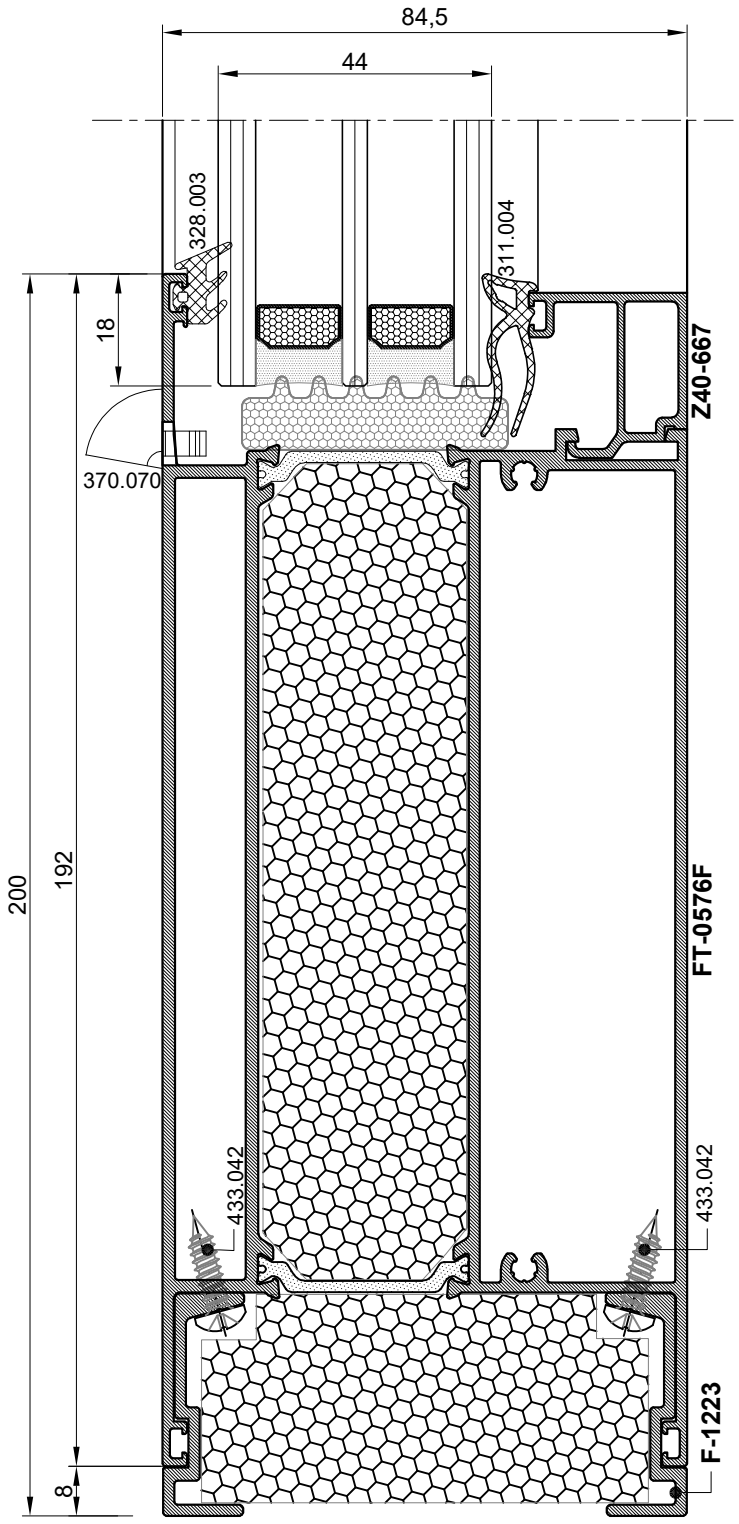
NAPOMENA: KRILO FT-0564F ZA BRAVU 45-icu
REMARK: SASH FT-0564F FOR LOCK - BACKSET 45

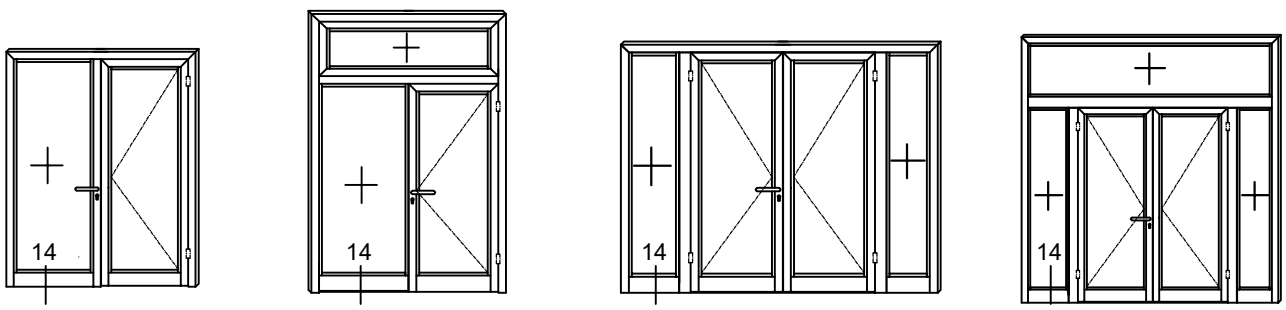
PRESJEK - 6A
CROSS SECTION - 6A



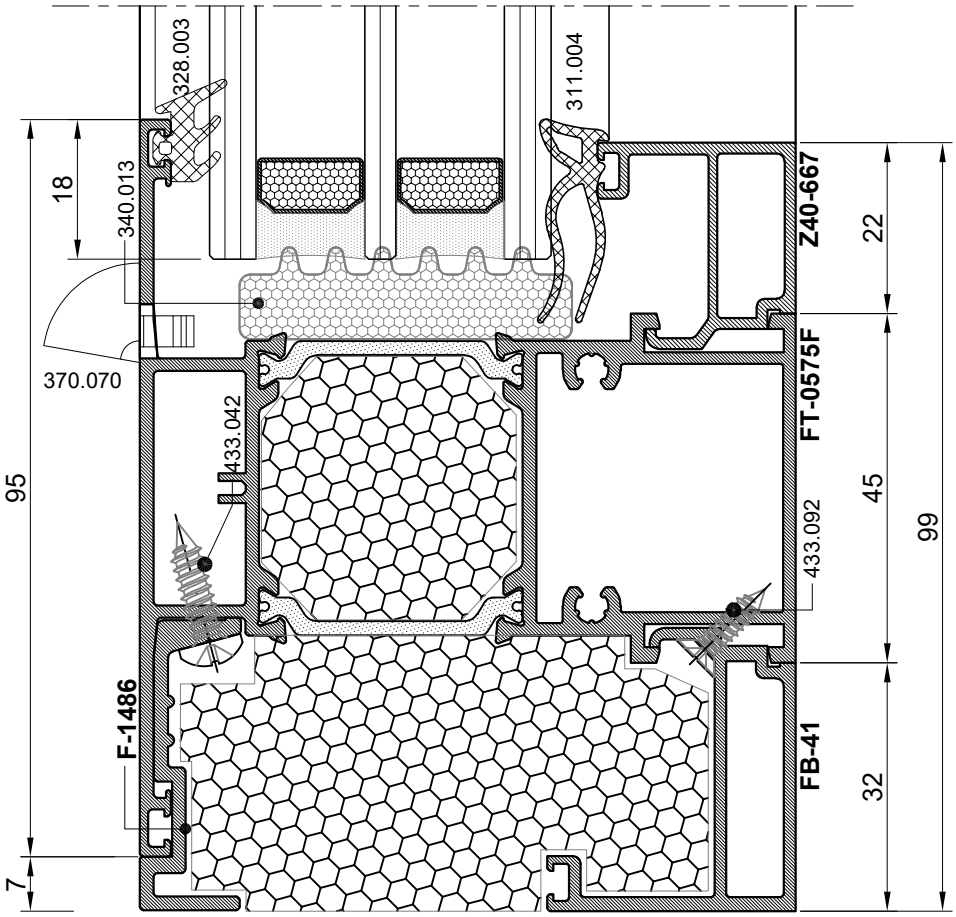


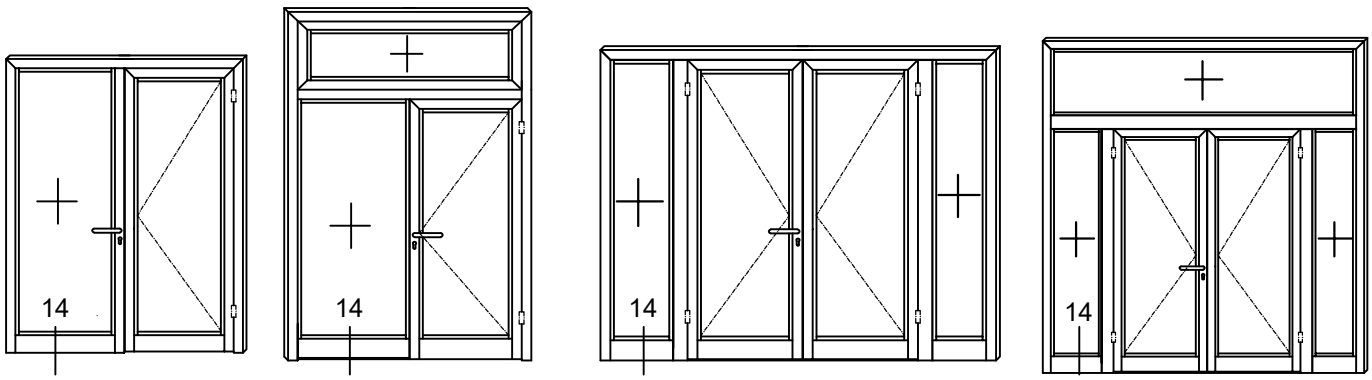
PRESJEK-14
CROSS SECTION-14



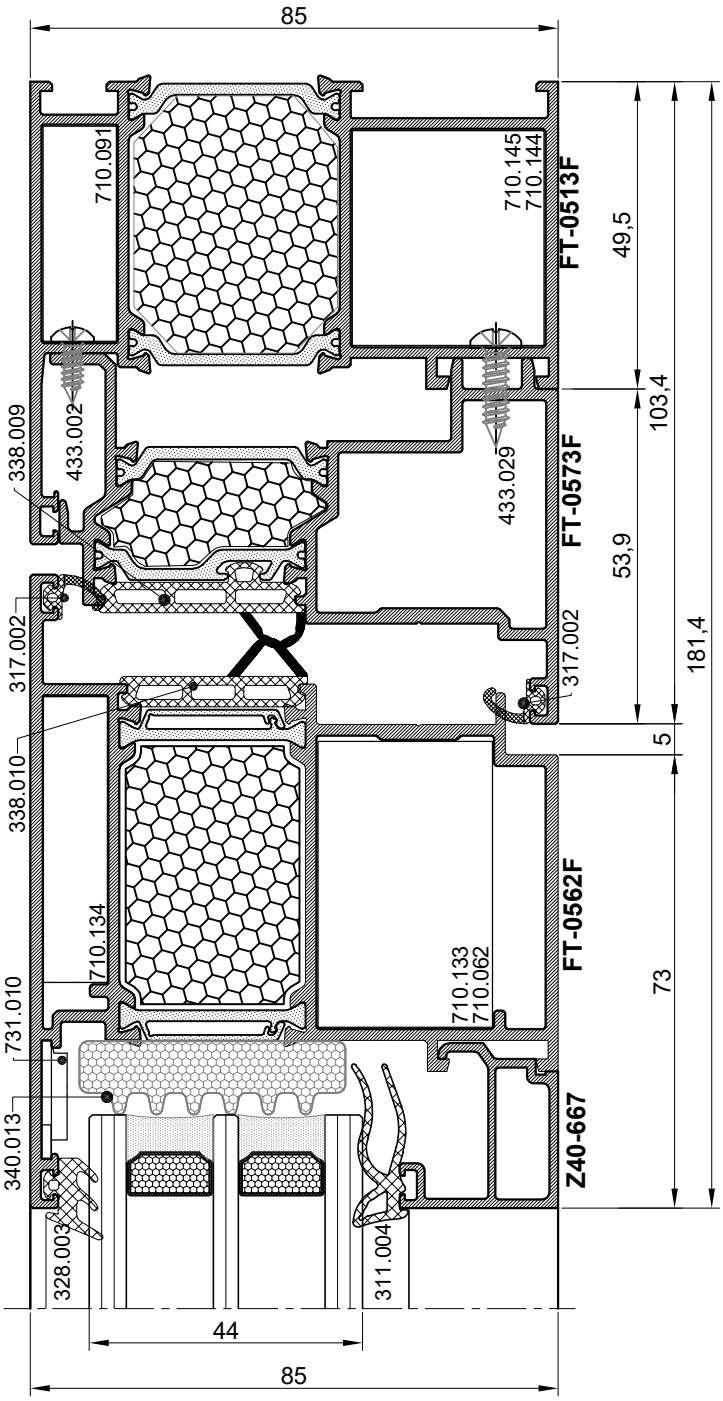


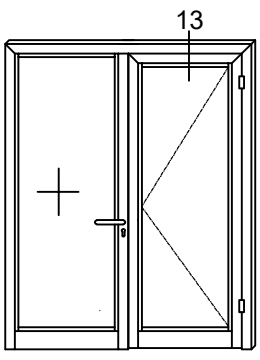
PRESJEK-13
CROSS SECTION-13

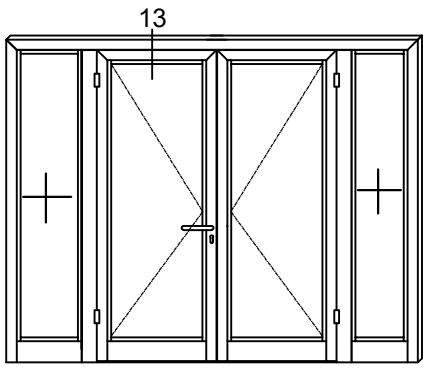




PRESJEK-13
CROSS SECTION-13

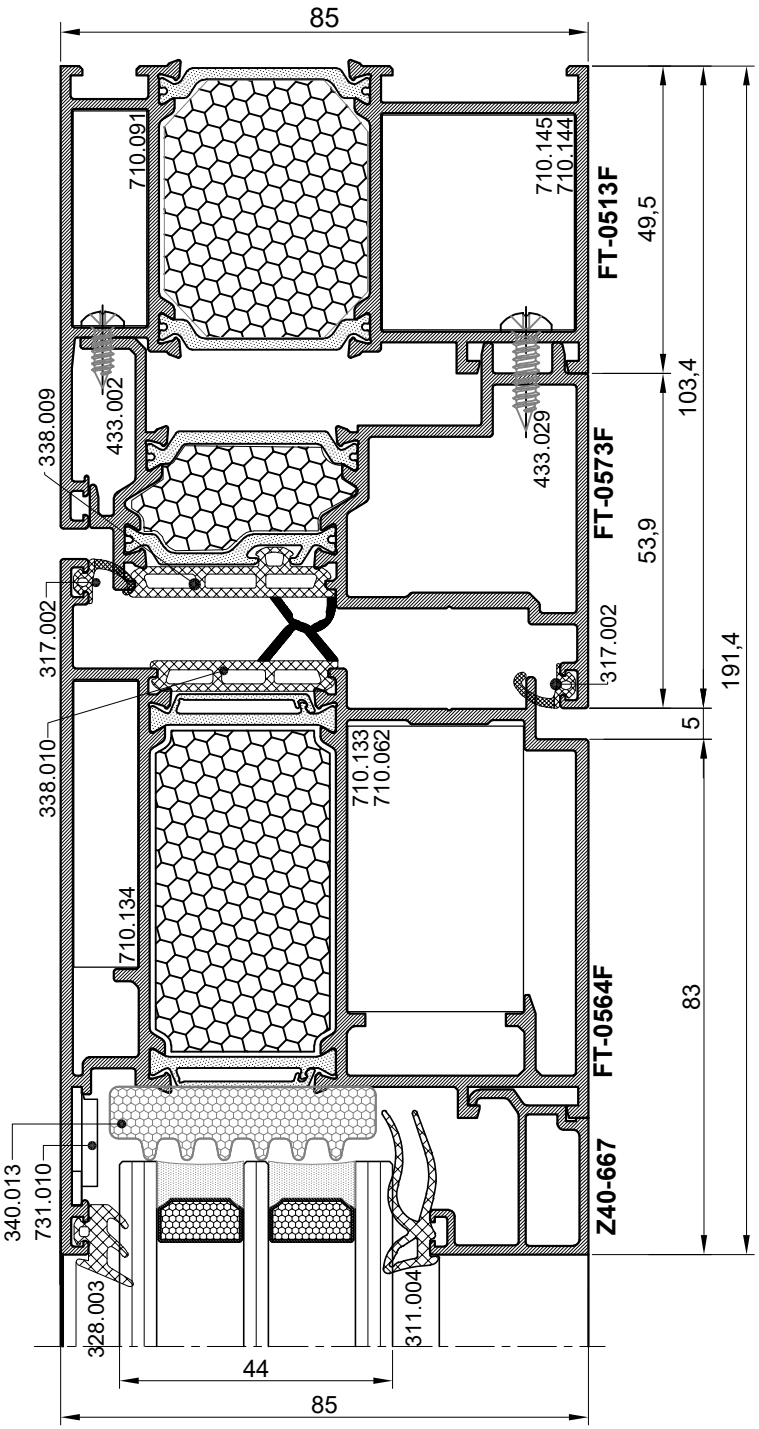


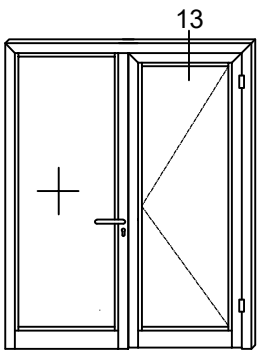


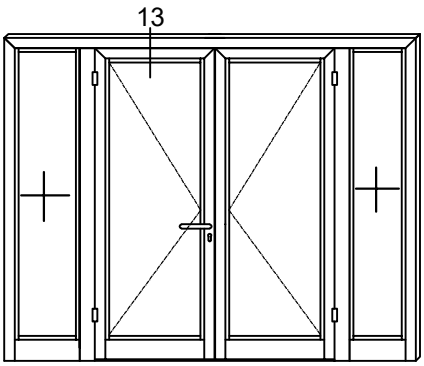


NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

PRESJEK-13
CROSS SECTION-13

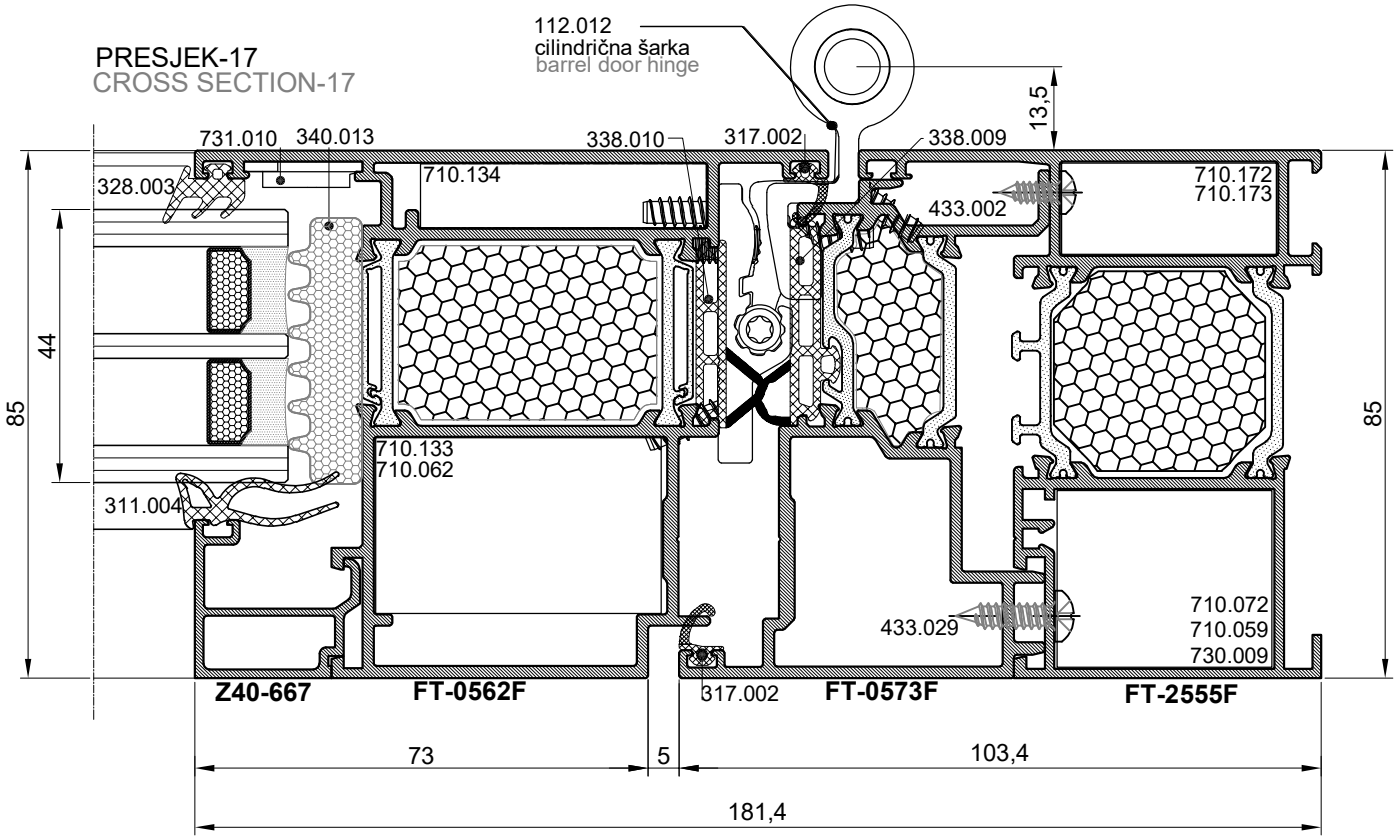


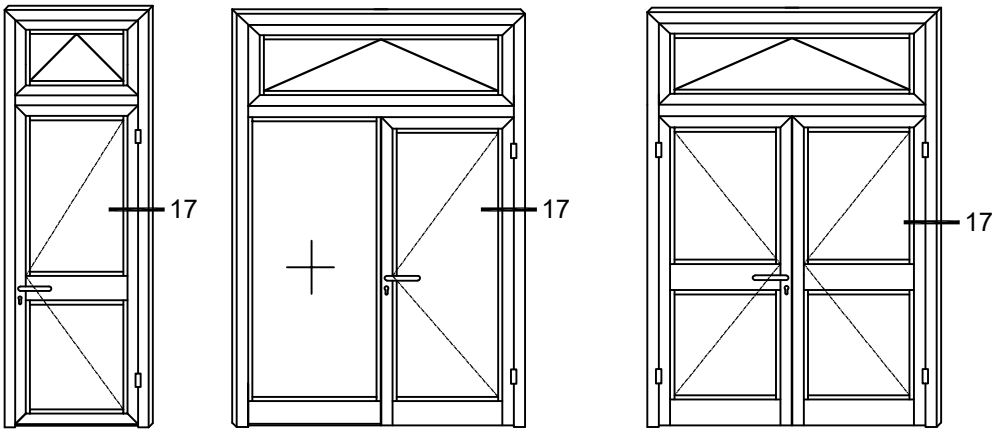




NAPOMENA: KRILO FT-0564F ZA BRAVU 45-icu
REMARK: SASH FT-0564F FOR LOCK - BACKSET 45

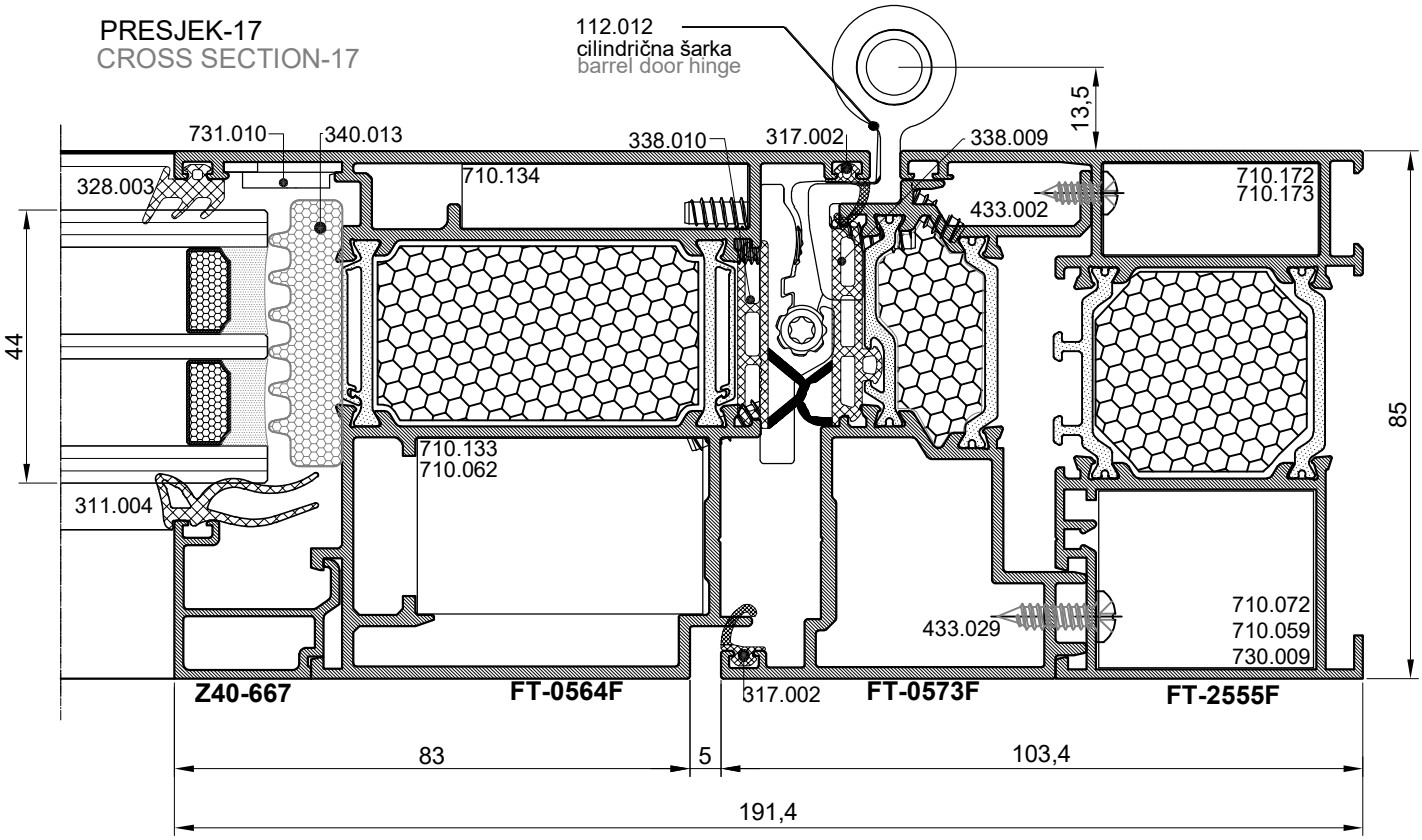
PRESJEK-17
CROSS SECTION-17

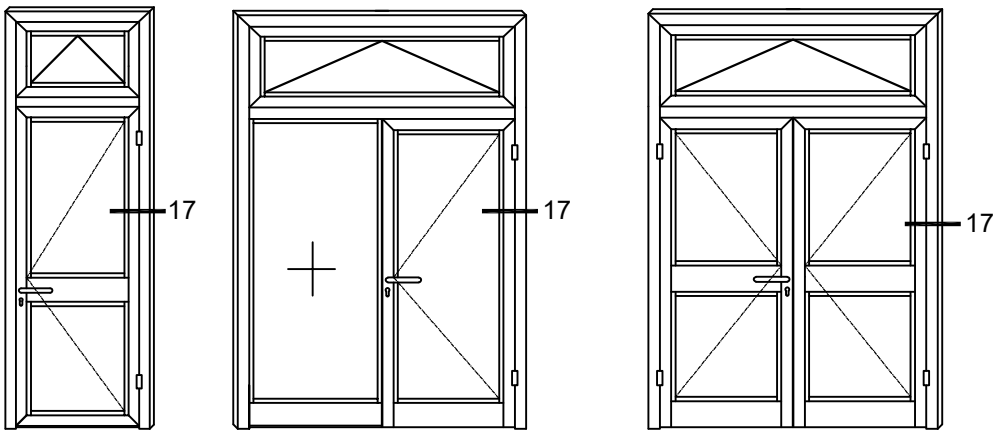




NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK BACKSET 35

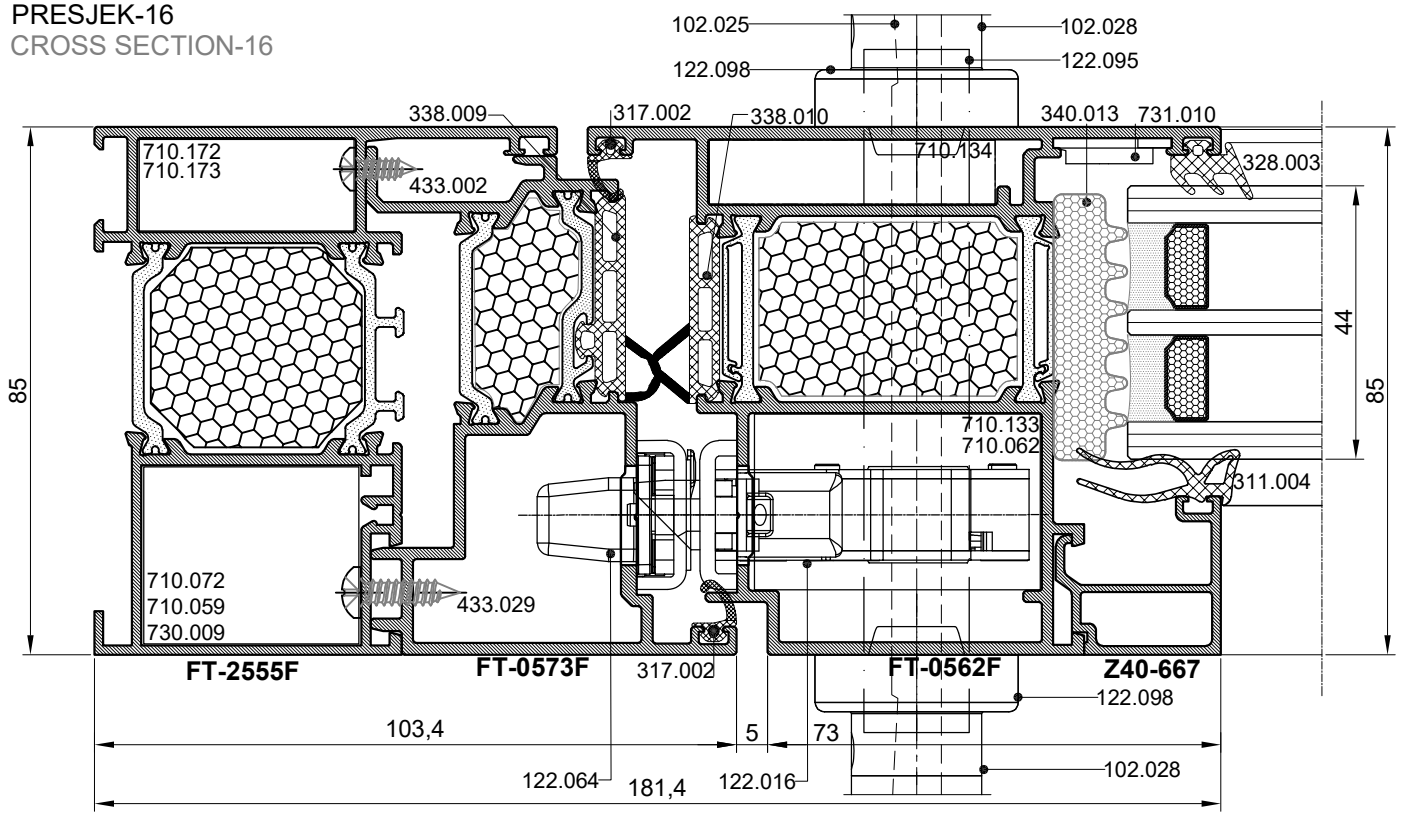
PRESJEK-17
CROSS SECTION-17

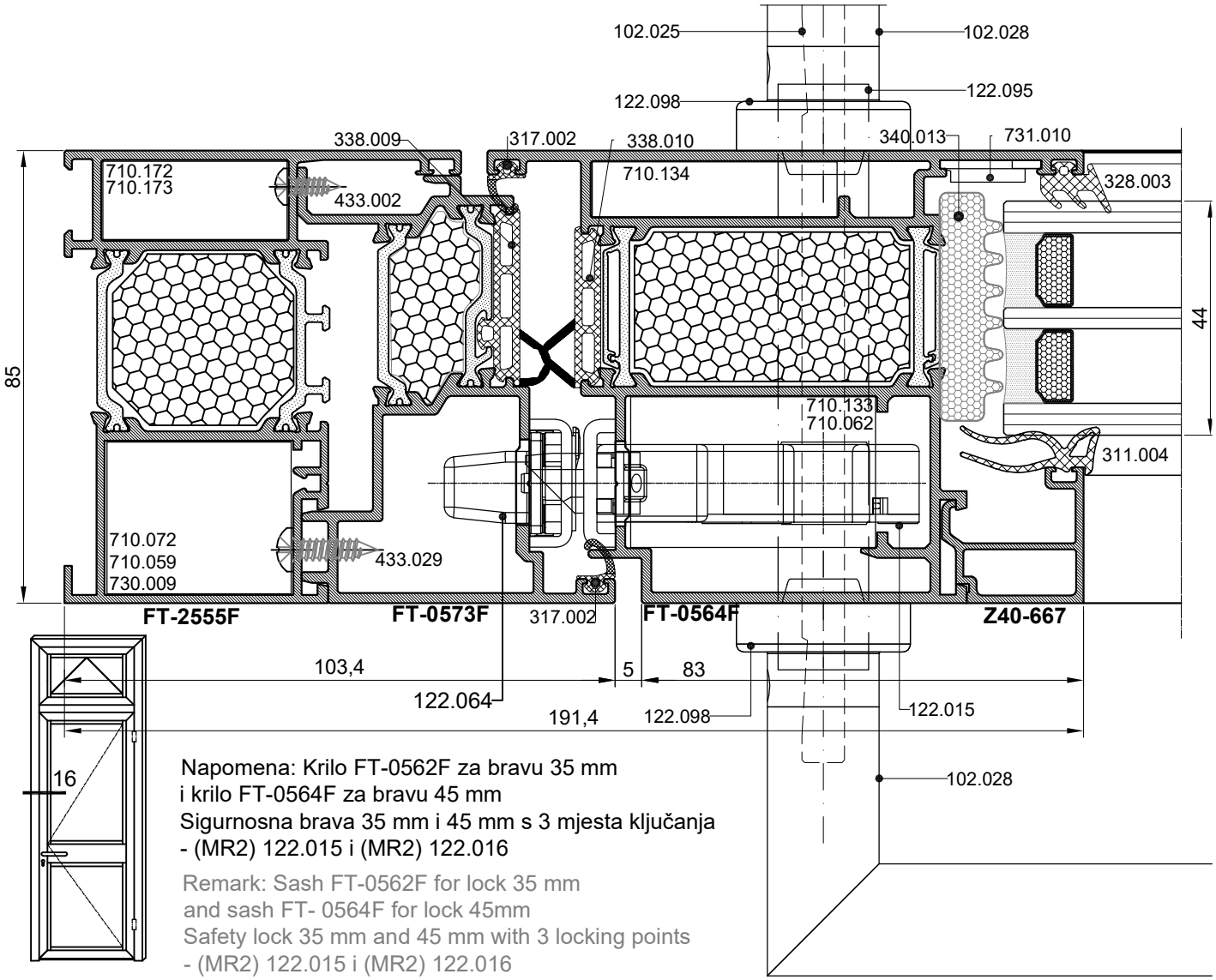




NAPOMENA: KRILO FT-0564F ZA BRAVU 45-icu
REMARK: SASH FT-0564F FOR LOCK BACKSET 45

PRESJEK-16
CROSS SECTION-16

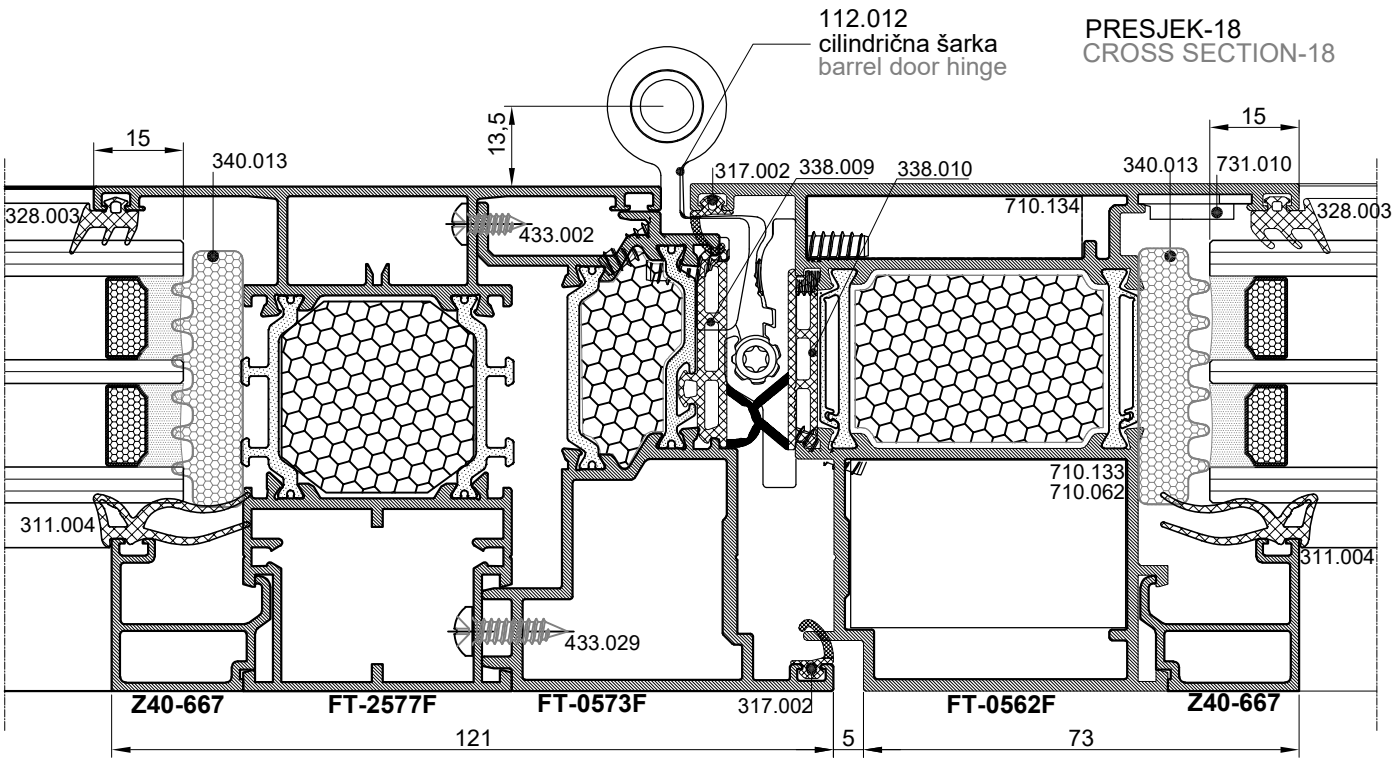




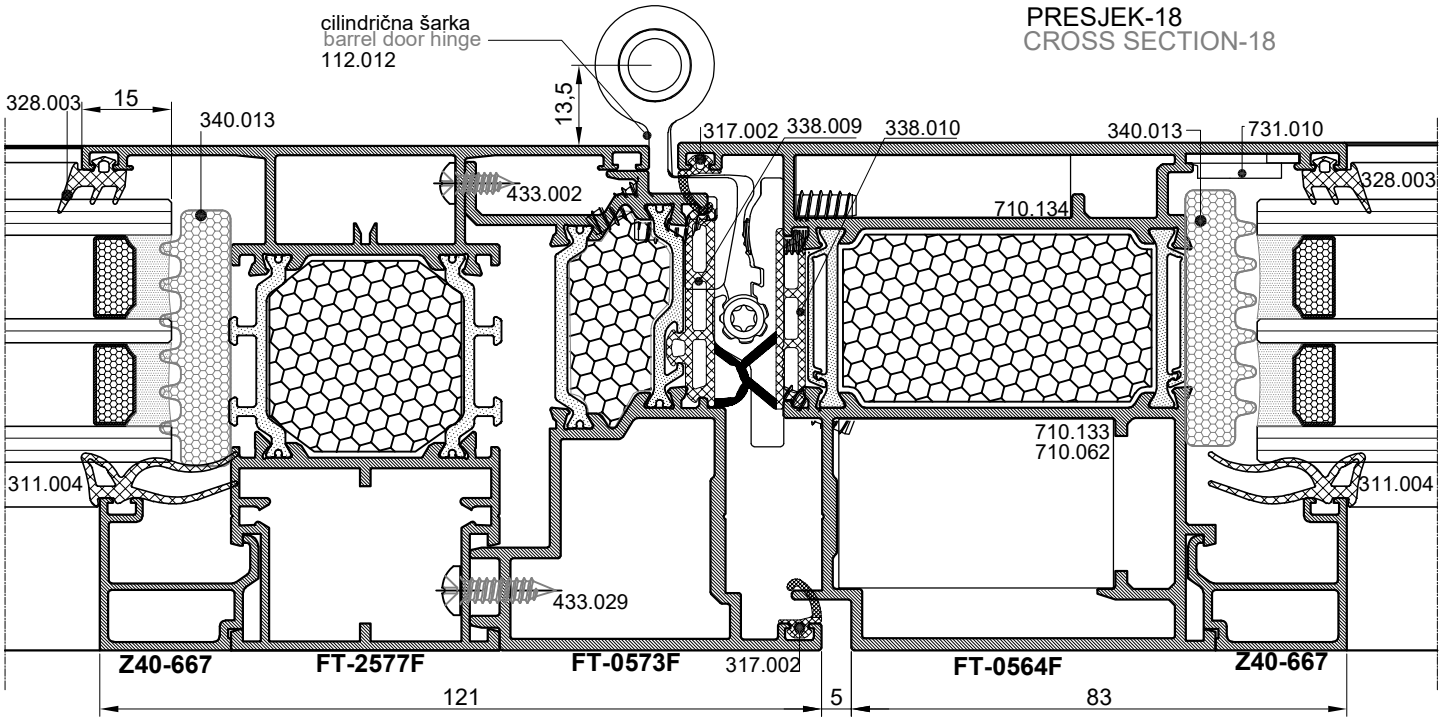
Napomena: Krilo FT-0562F za bravu 35 mm
i krilo FT-0564F za bravu 45 mm
Sigurnosna brava 35 mm i 45 mm s 3 mjesta ključanja
- (MR2) 122.015 i (MR2) 122.016

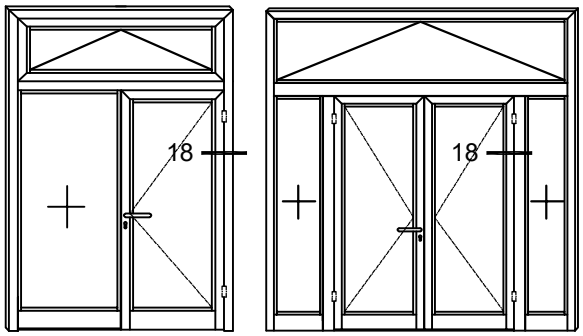
Remark: Sash FT-0562F for lock 35 mm
and sash FT- 0564F for lock 45mm
Safety lock 35 mm and 45 mm with 3 locking points
- (MR2) 122.015 i (MR2) 122.016

PRESJEK-18
CROSS SECTION-18



PRESJEK-18
CROSS SECTION-18

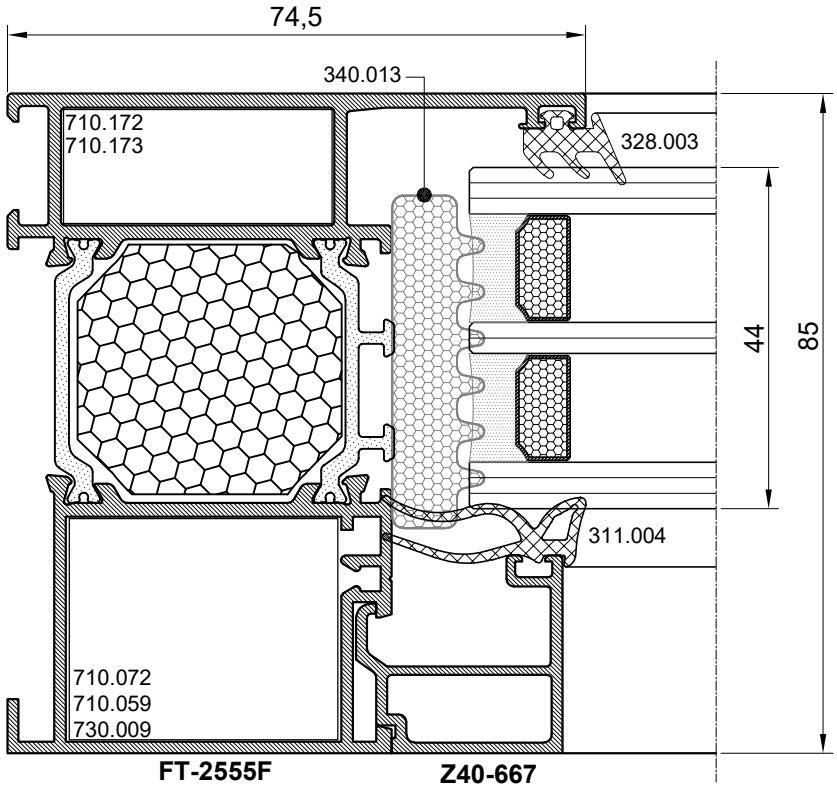


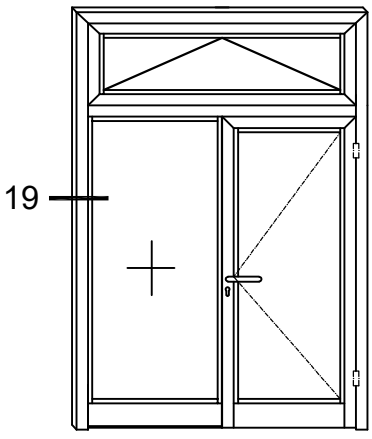


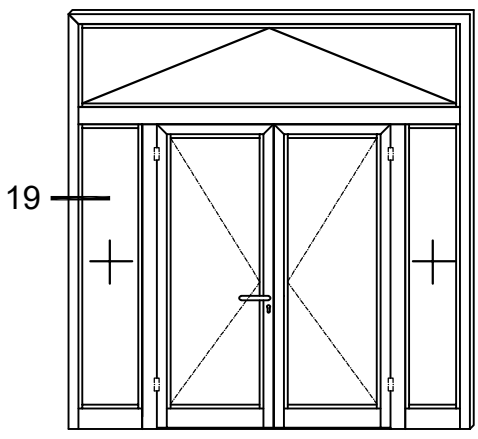
Napomena: Krilo FT-0562F za bravu 35 mm
i krilo FT-0564F za bravu 45 mm
Sigurnosna brava 35 mm i 45 mm s 3 mjesta ključanja
- (MR2) 122.015 i (MR2) 122.016

Remark: Sash FT-0562F for lock 35 mm
and sash FT- 0564F for lock 45mm
Safety lock 35 mm and 45 mm with 3 locking points
- (MR2) 122.015 i (MR2) 122.016

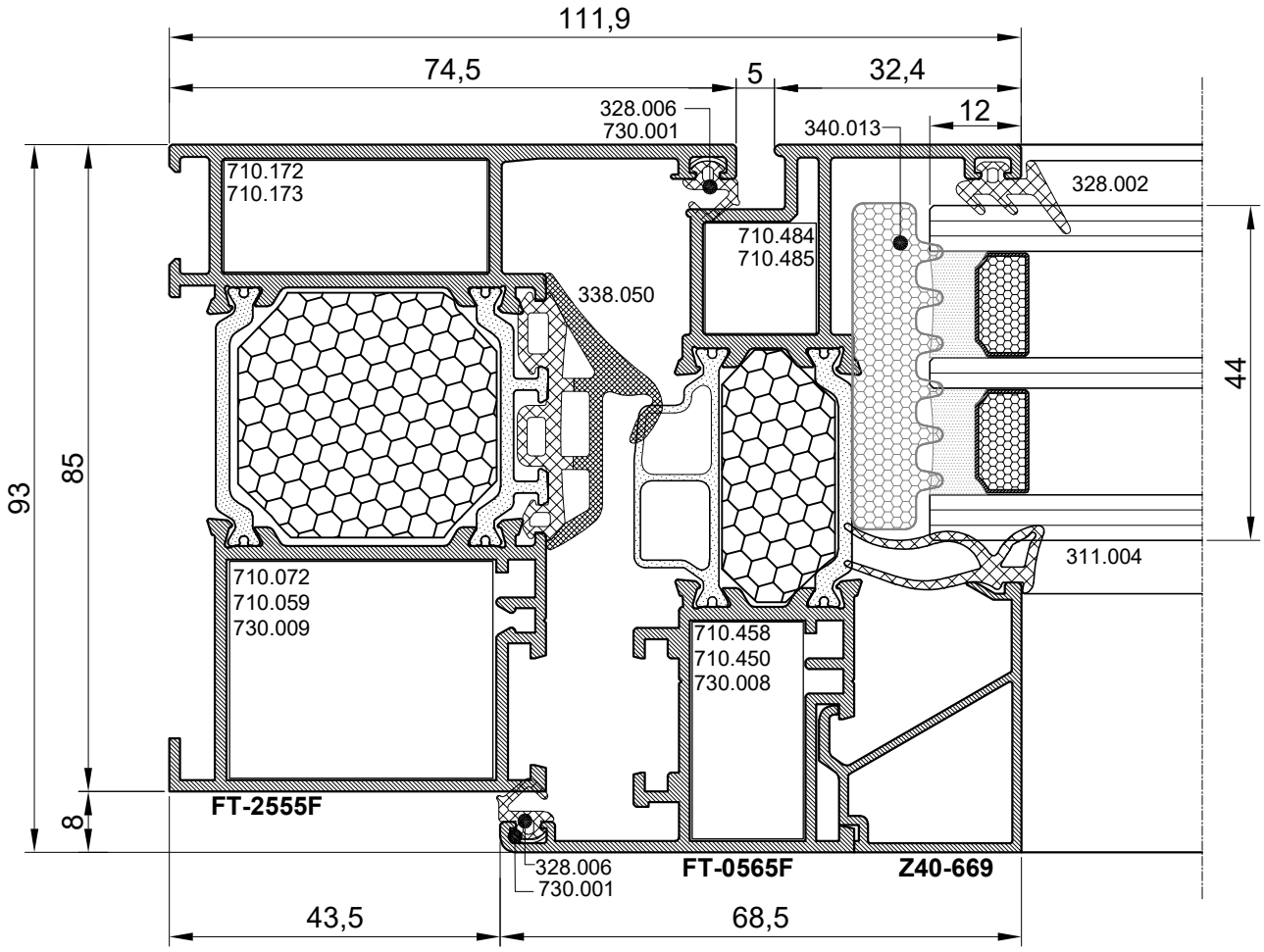
PRESJEK-19
CROSS SECTION-19

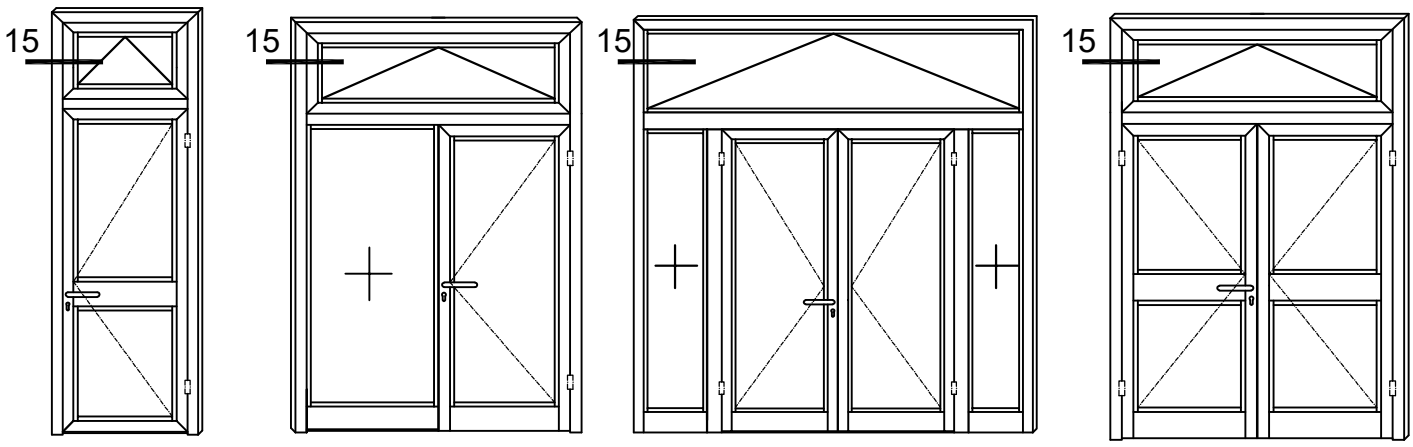




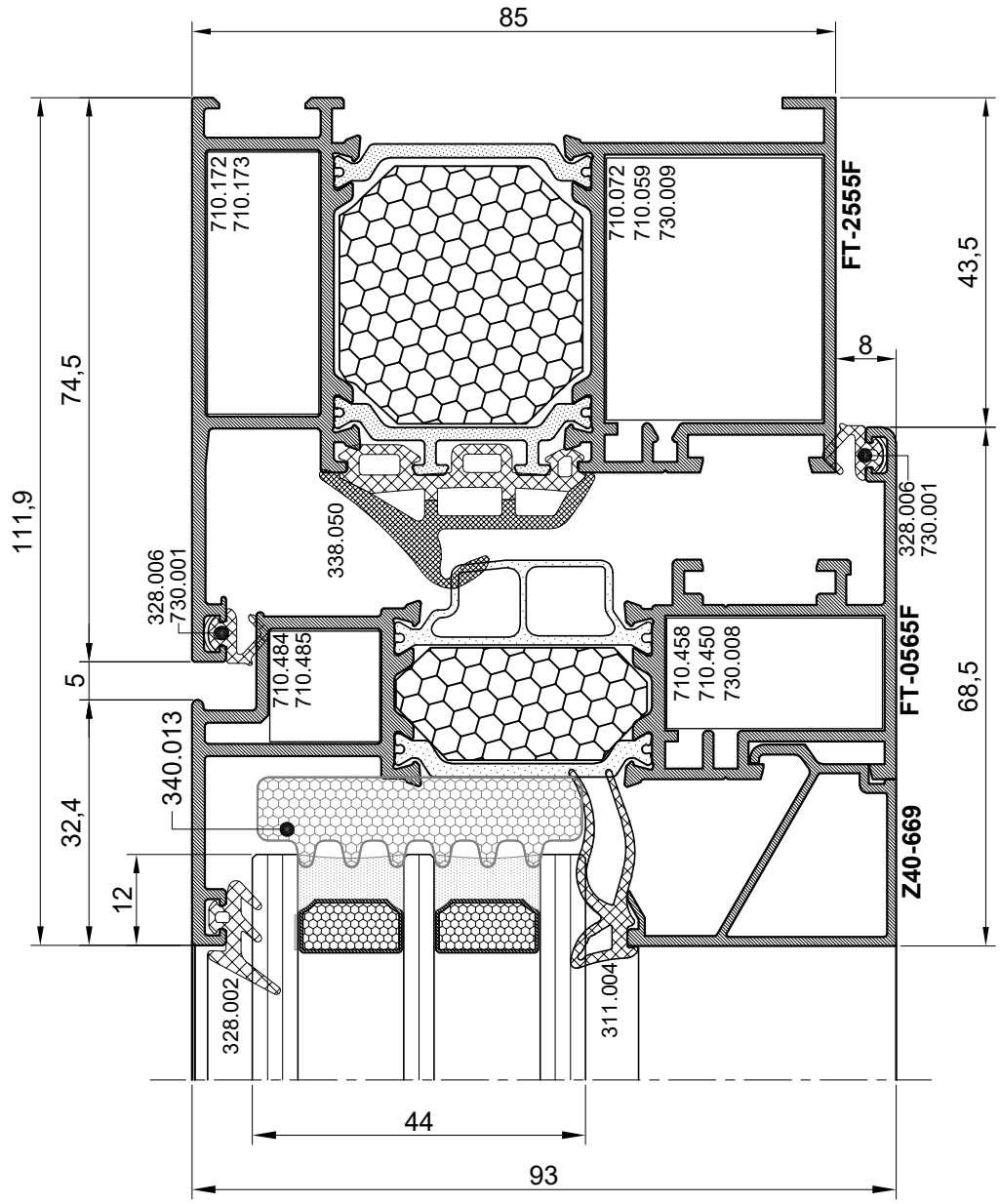


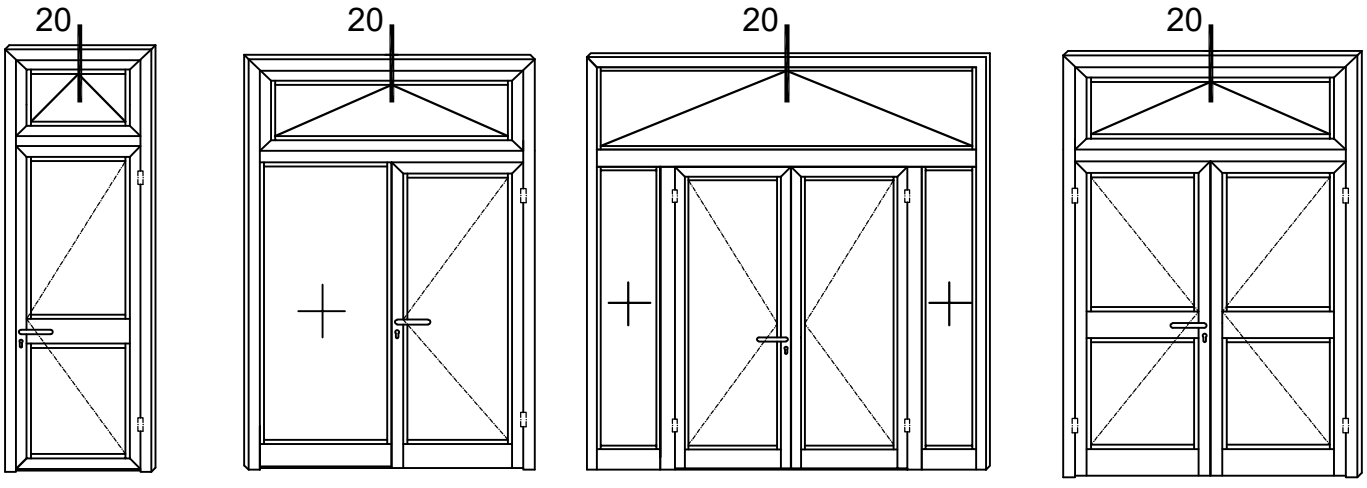
PRESJEK-15
CROSS SECTION-15



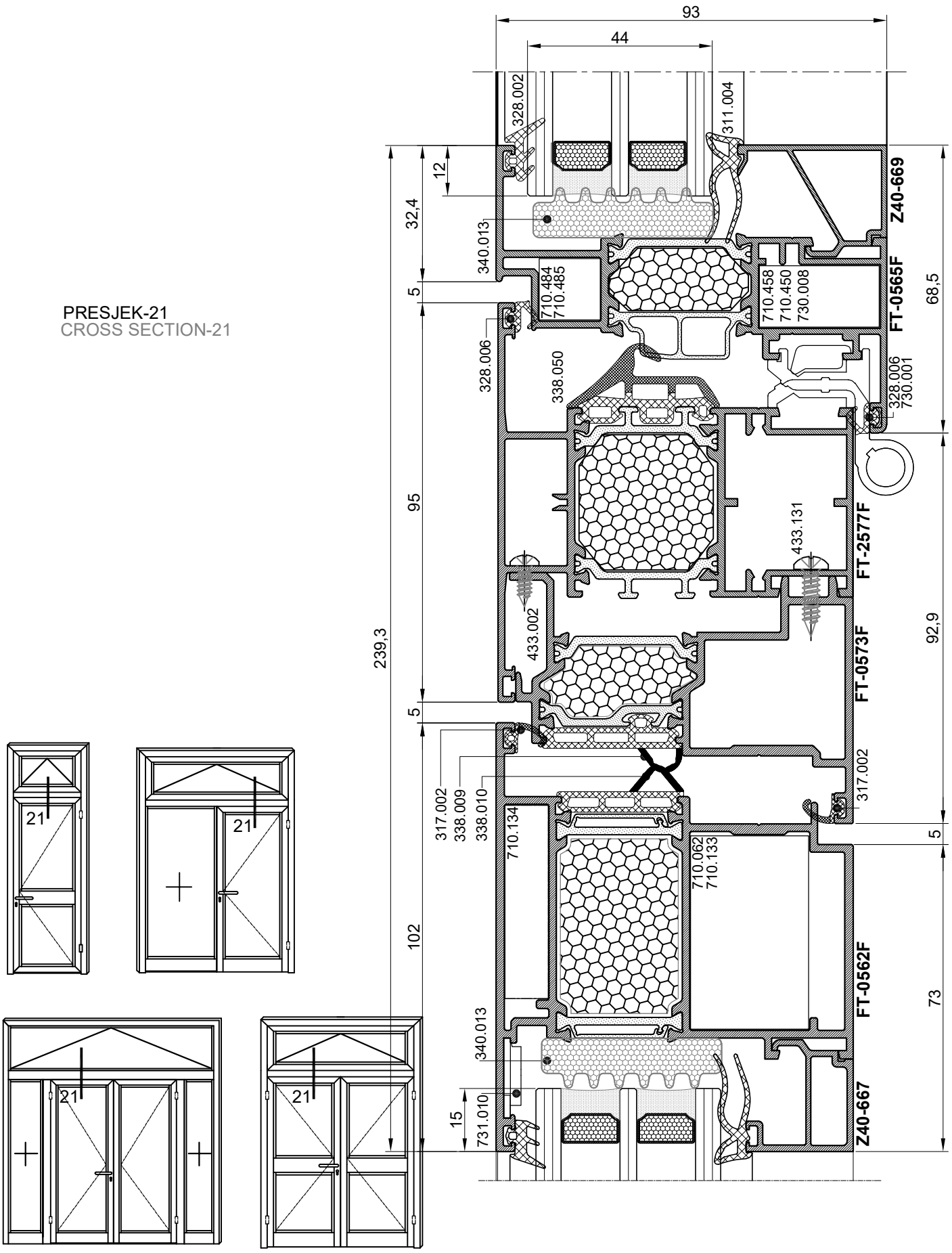


PRESJEK-20
CROSS SECTION-20



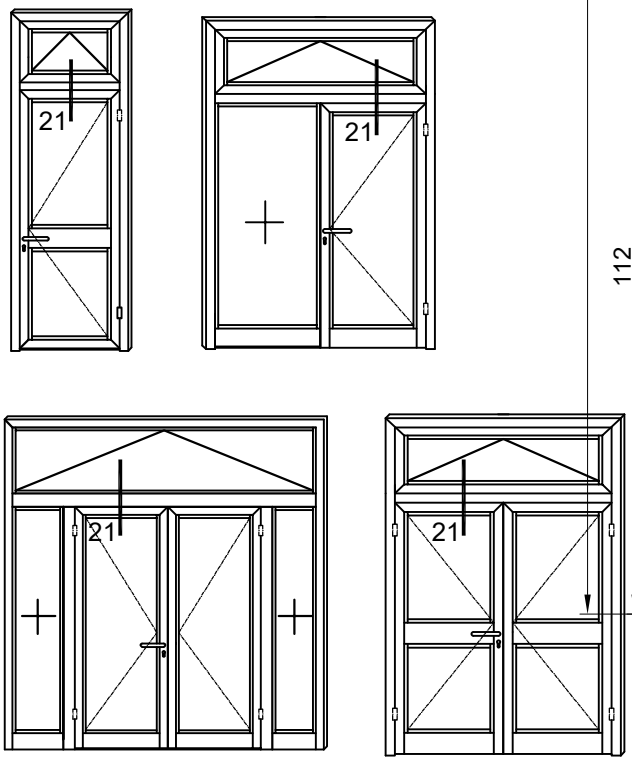


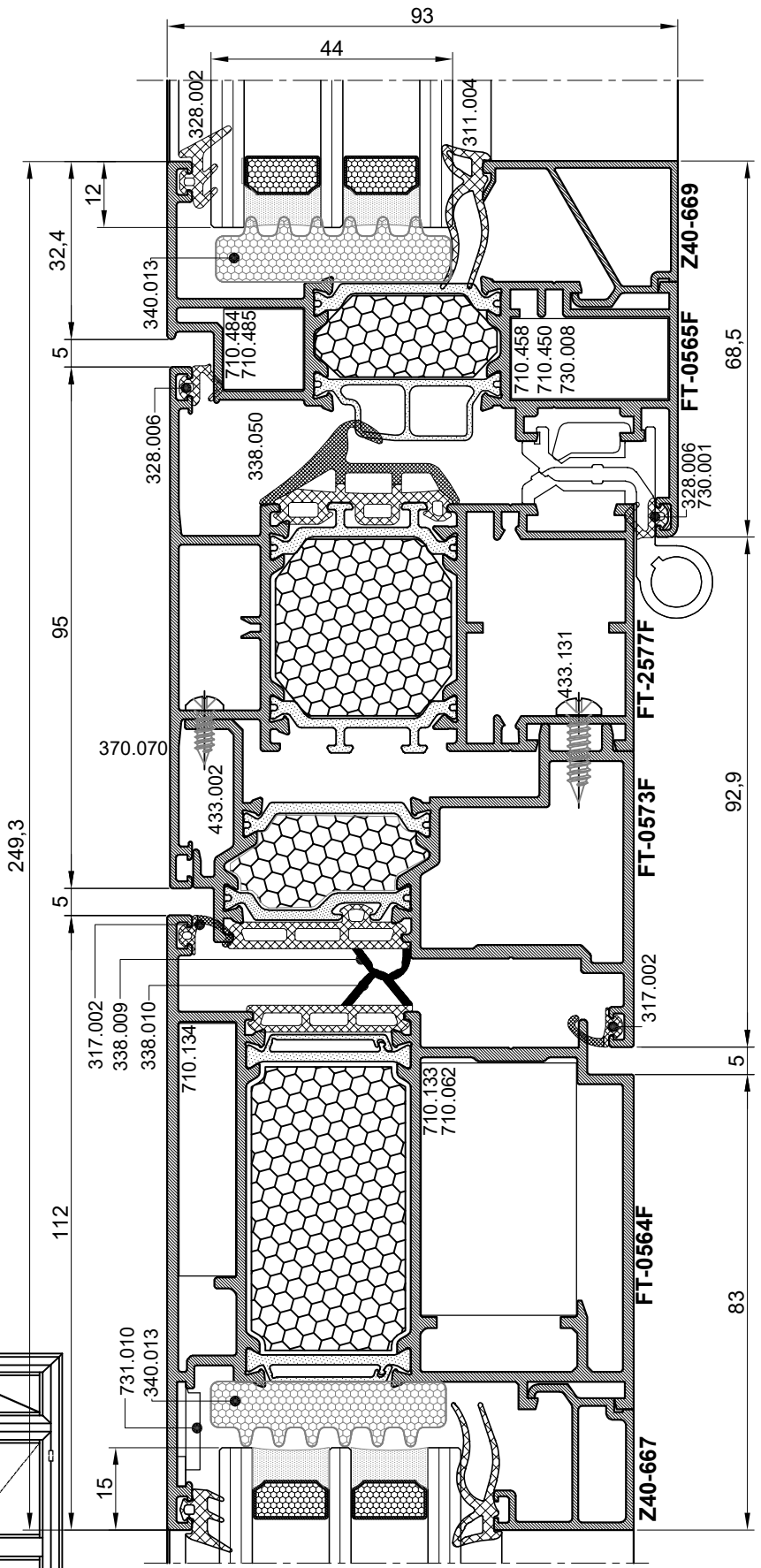
PRESJEK-21
CROSS SECTION-21



NAPOMENA: KRILO FT-0562F ZA BRAVU 35-icu
REMARK: SASH FT-0562F FOR LOCK -BACKSET 35

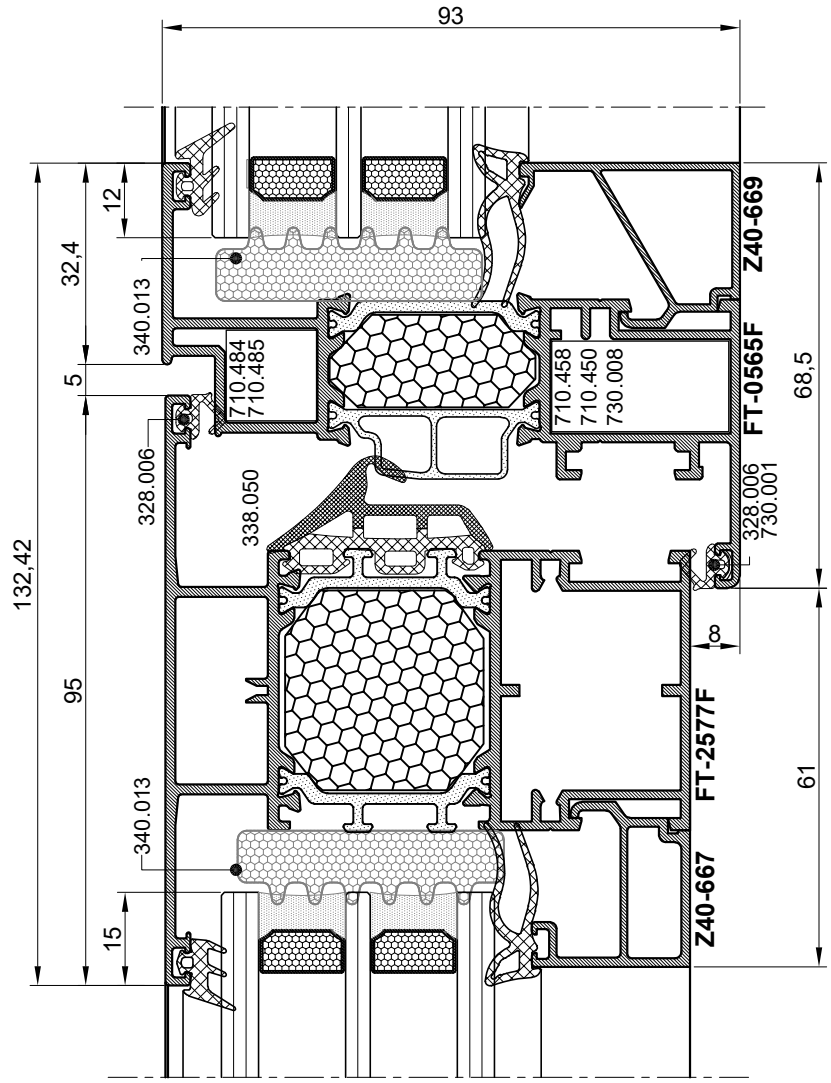
PRESJEK-21
CROSS SECTION-21

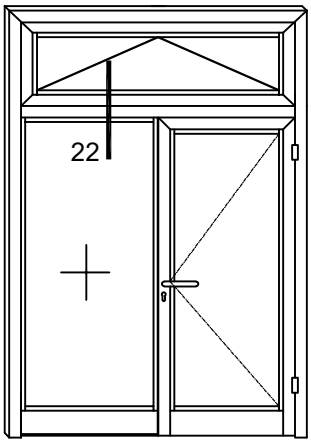


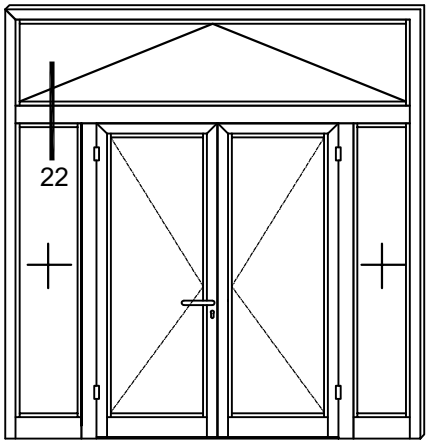


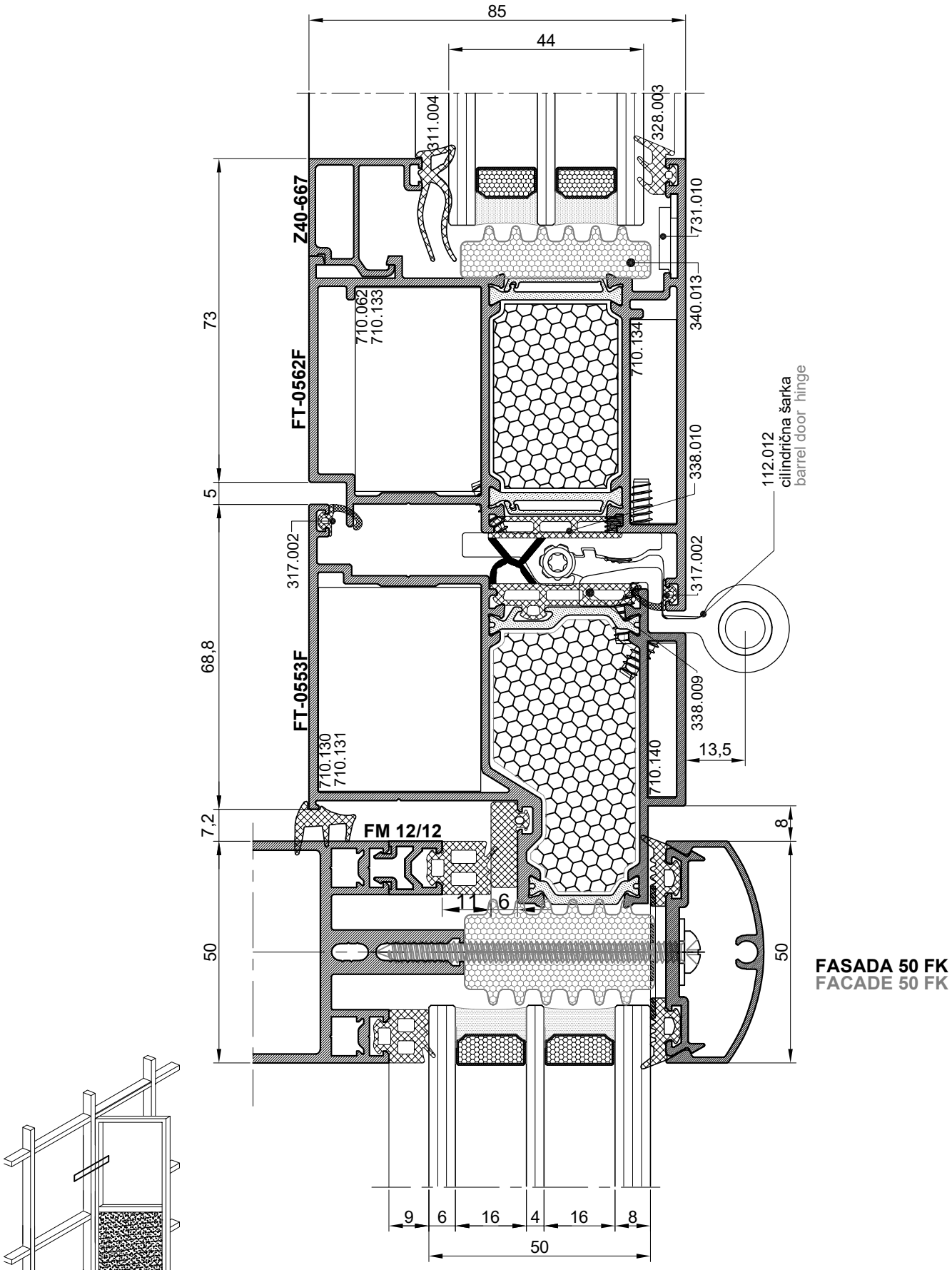
NAPOMENA: KRILO FT-0564 F ZA BRAVU 45-icu
REMARK: SASH FT-0564 F FOR LOCK -BACKSET 45

PRESJEK-22
CROSS SECTION-22

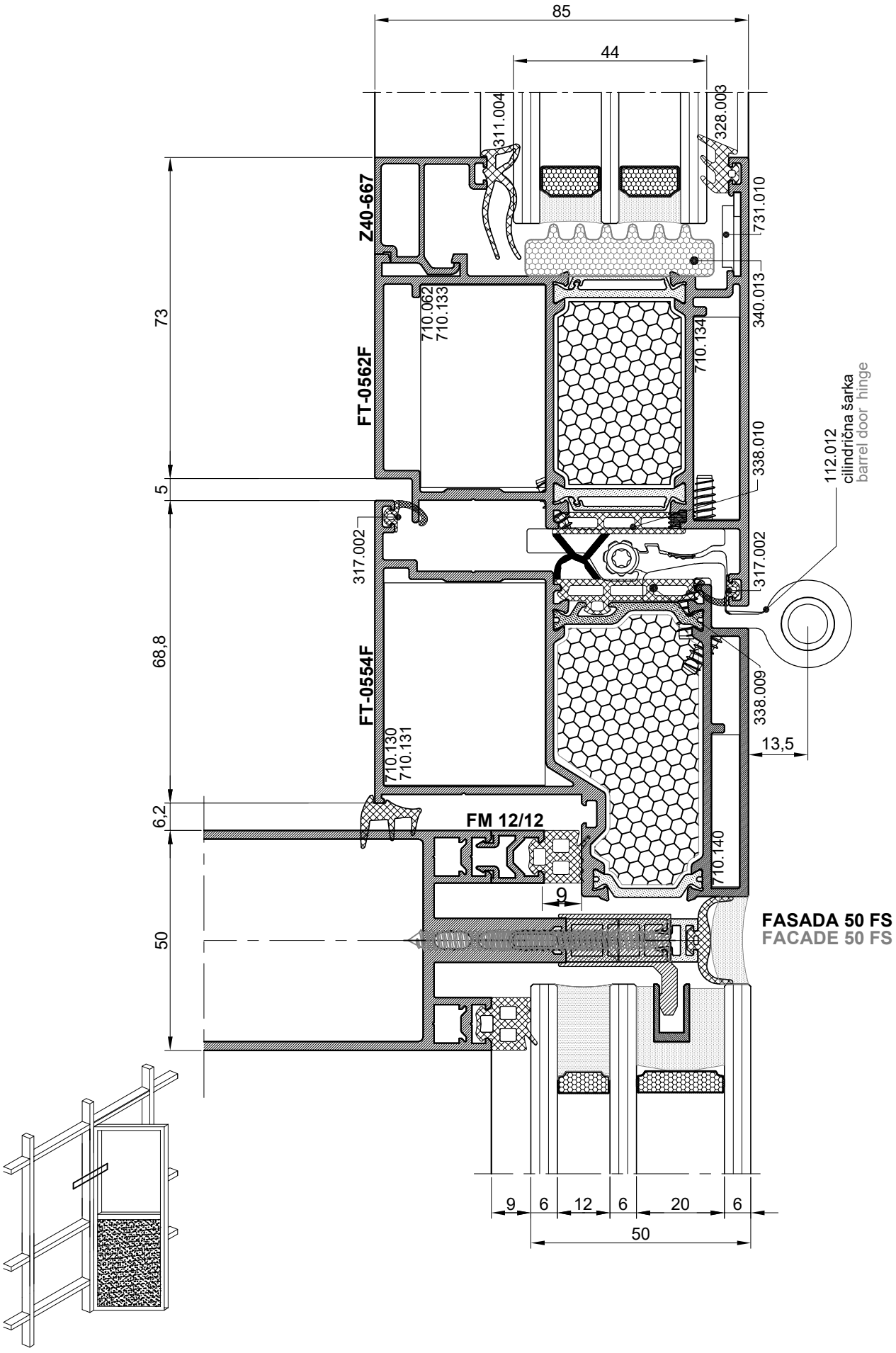


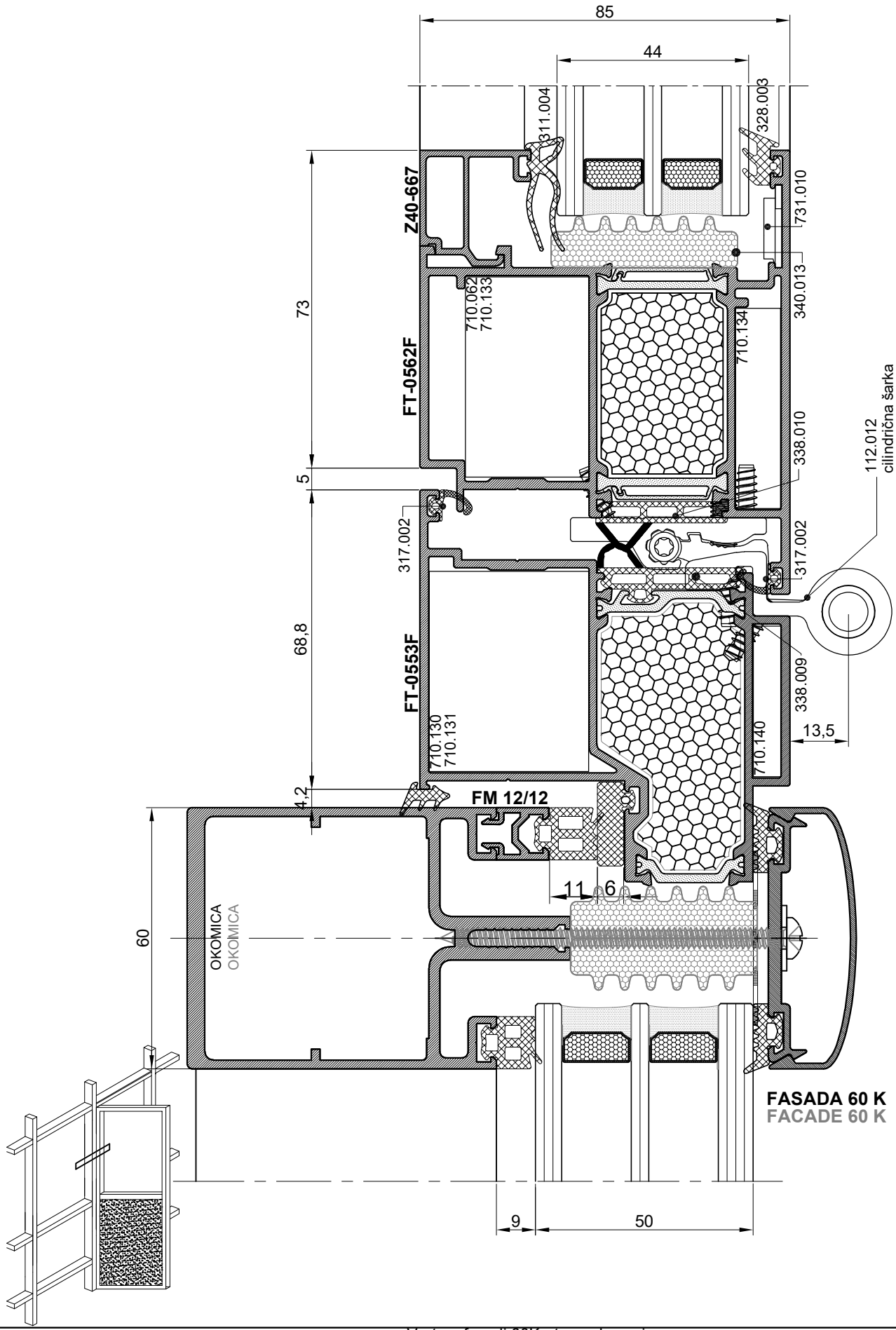


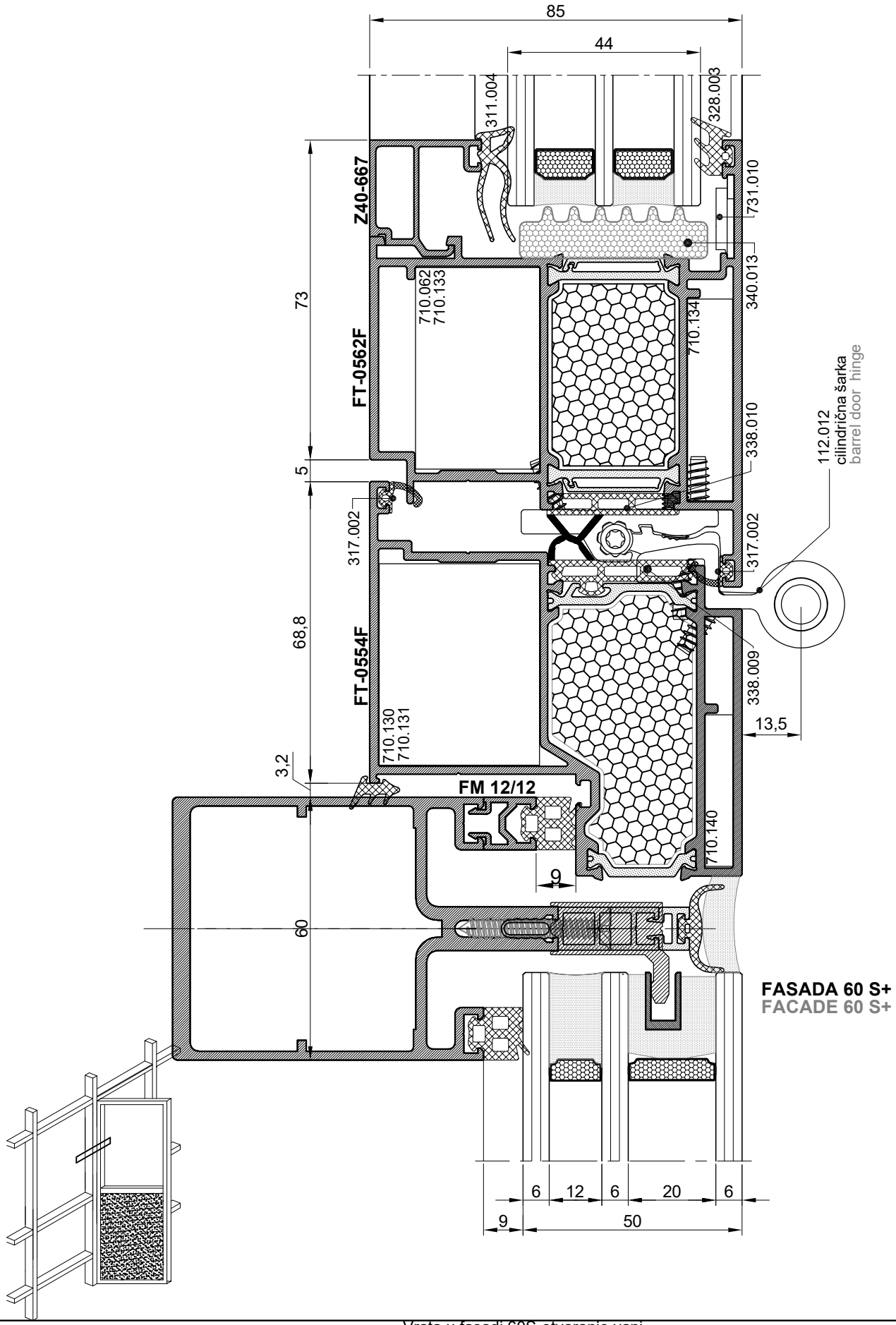


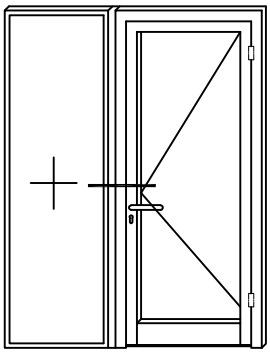


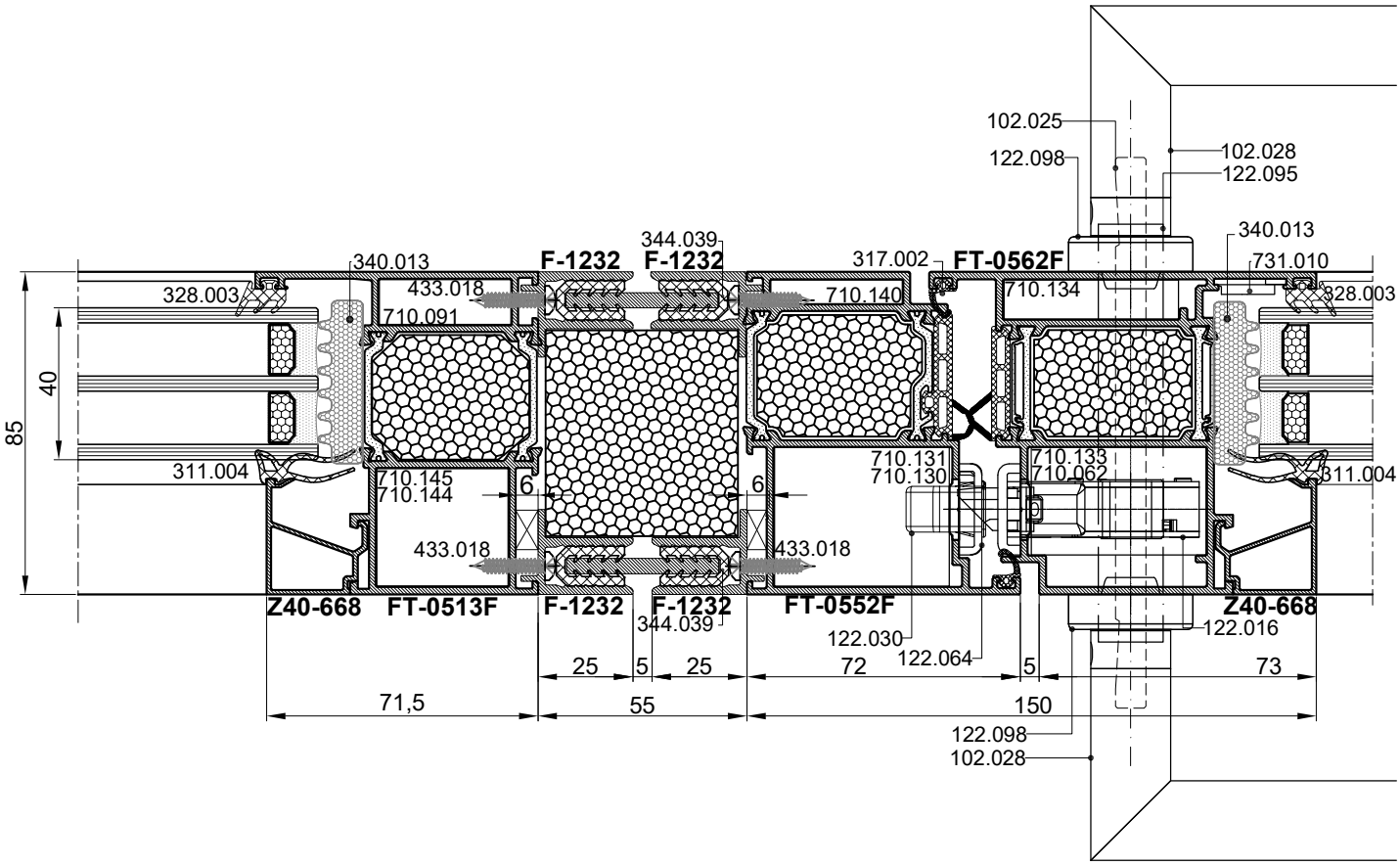
FASADA 50 FK
FACADE 50 FK


85
44
311.004
328.003
731.010
340.013
710.062
710.133
710.134
338.010
112.012
cilindrična šarka
barrel door hinge
317.002
317.002
338.009
13,5
710.130
710.131
710.140
FM 12/12
9
FASADA 50 FS
FACADE 50 FS
Z40-667
FT-0562F
FT-0554F
73
5
68,8
6,2
50
9
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12
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85
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311.004
328.003
Z40-667
731.010
73
710.062
710.133
FT-0562F
340.013
710.134
112.012
cilindrična šarka
barrel door hinge
338.010
5
317.002
317.002
68,8
FT-0553F
338.009
710.130
710.131
13,5
710.140
4,2
FM 12/12
11
6
60
OKOMICA
OKOMICA
FASADA 60 K
FACADE 60 K
9
50

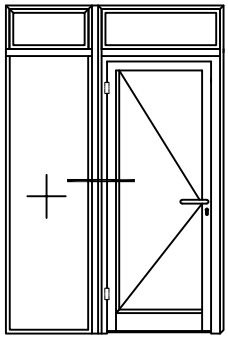

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311.004
328.003
Z40-667
731.010
340.013
710.062
710.133
710.134
73
FT-0562F
338.010
112.012
cilindrična šarka
barrel door hinge
5
317.002
317.002
68,8
FT-0554F
338.009
710.130
710.131
13,5
3,2
FM 12/12
710.140
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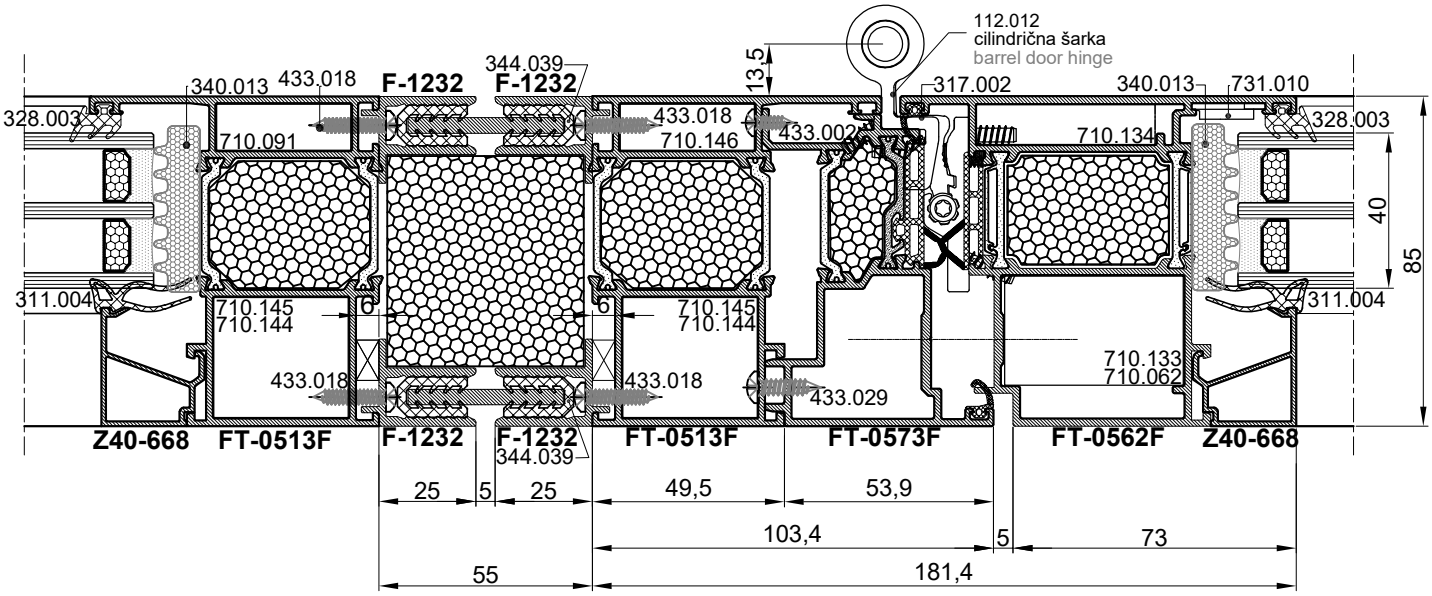


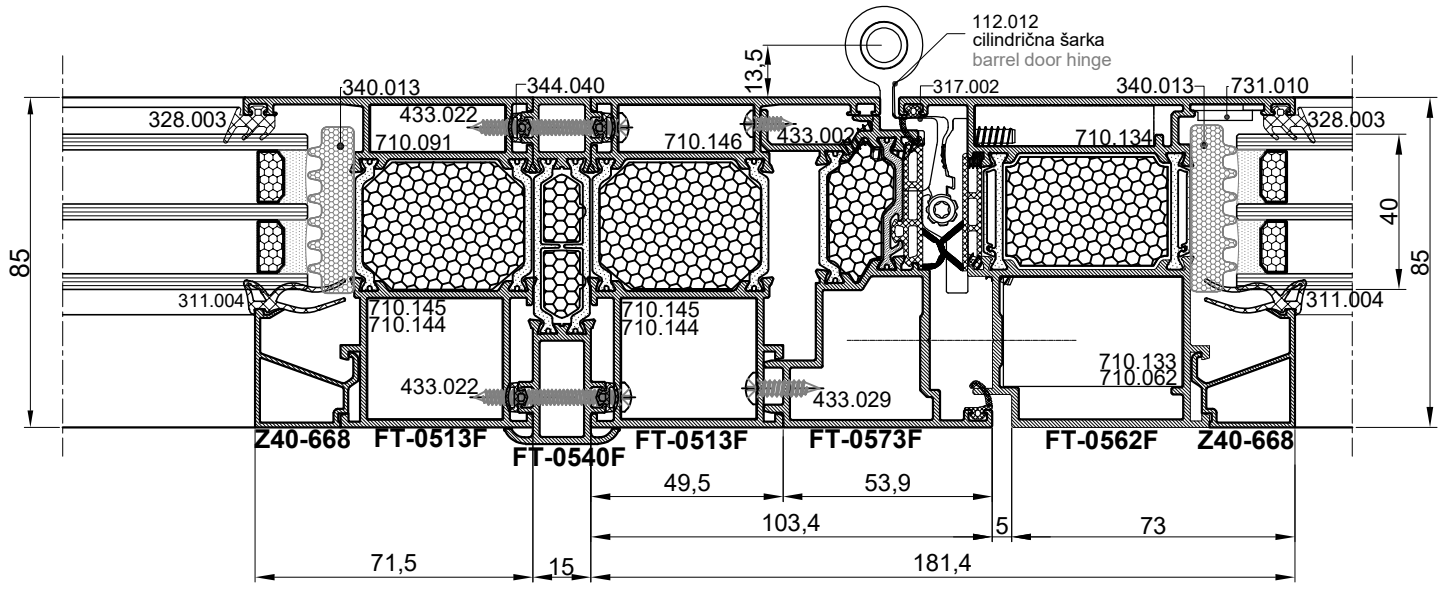


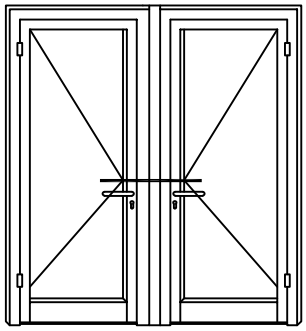
Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016

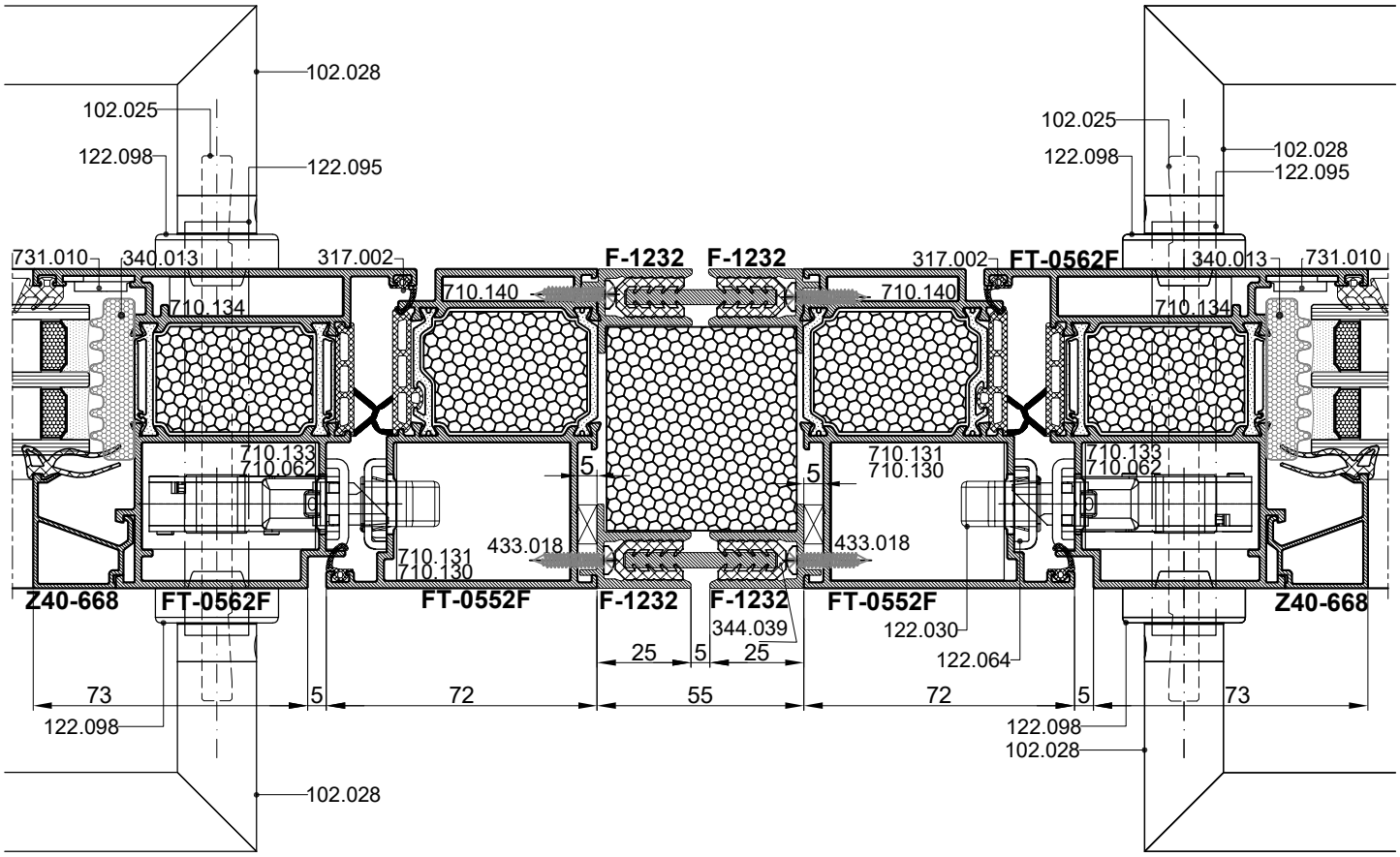
Remark: Sash FT-0564F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016



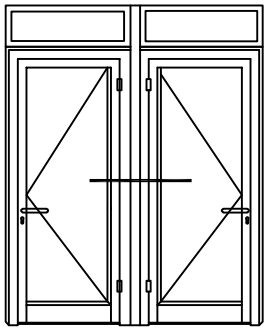

112.012
cilindrična šarka
barrel door hinge
13,5
340.013
433.018
F-1232
344.039
F-1232
317.002
340.013
731.010
328.003
710.091
433.018
710.146
433.002
710.134
328.003
40
85
311.004
710.145
710.144
710.145
710.144
311.004
433.018
433.018
433.029
710.133
710.062
Z40-668
FT-0513F
F-1232
F-1232
344.039
FT-0513F
FT-0573F
FT-0562F
Z40-668
25
5
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103,4
5
73
55
181,4

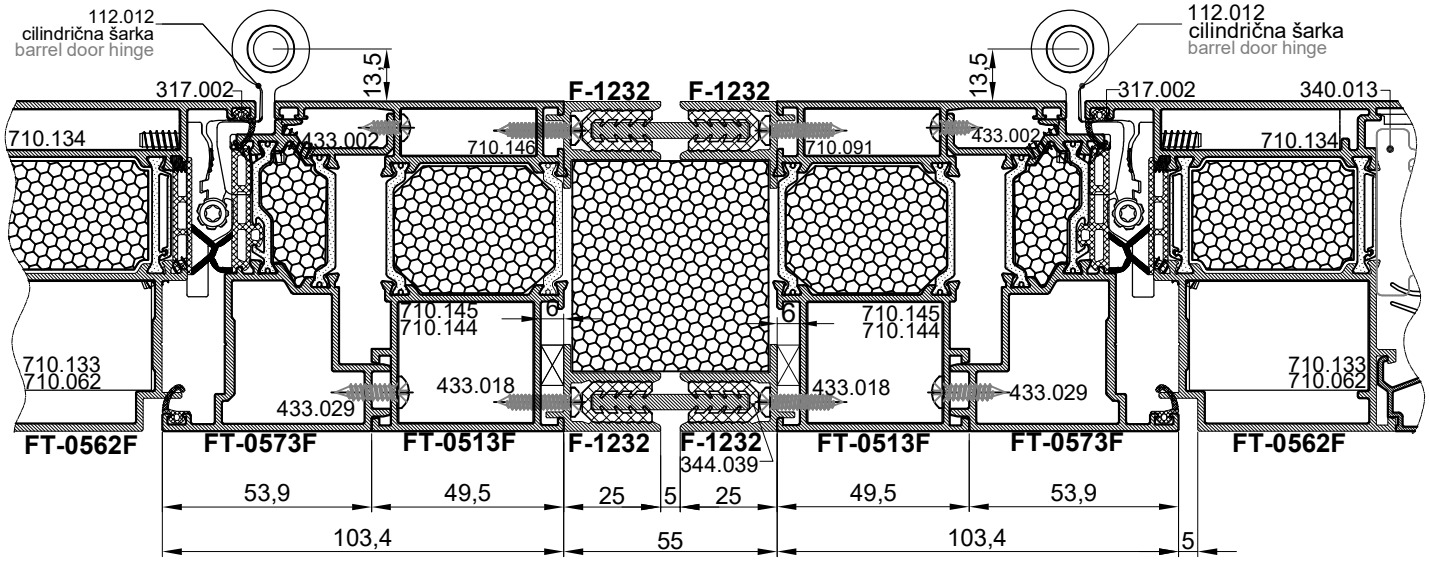

112.012
cilindrična šarka
barrel door hinge
13,5
340.013
344.040
317.002
340.013
731.010
328.003
433.022
710.091
710.146
433.002
710.134
328.003
85
40
85
311.004
710.145
710.144
710.145
710.144
311.004
433.022
433.029
710.133
710.062
Z40-668
FT-0513F
FT-0540F
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73
71,5
15
181,4

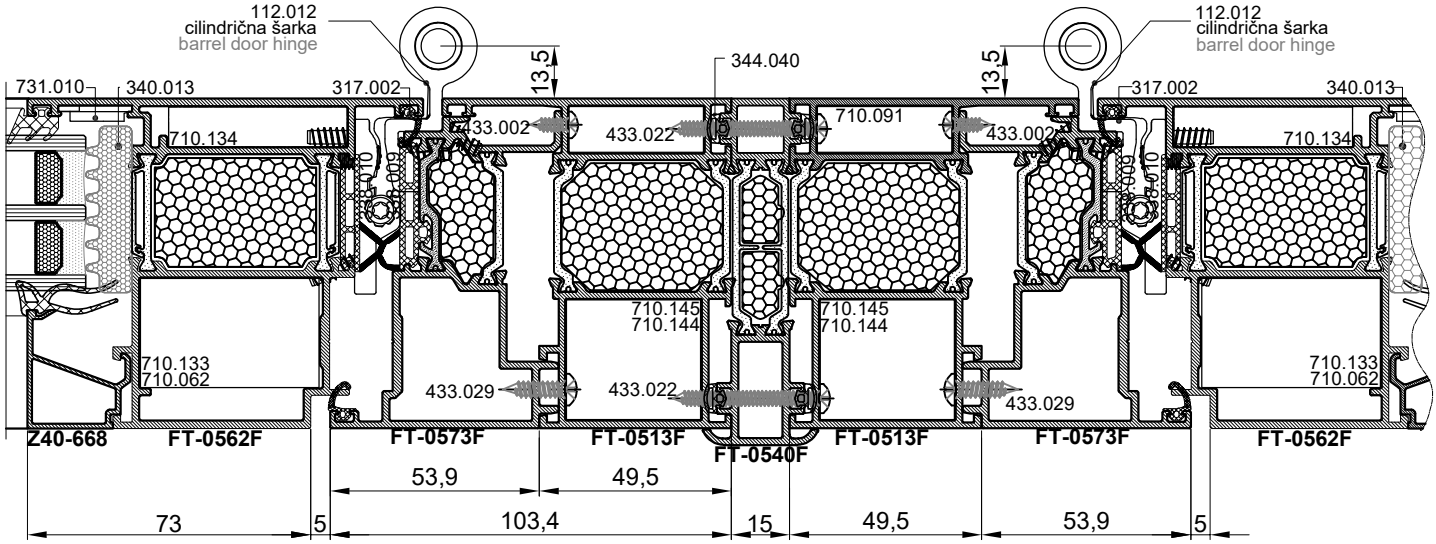


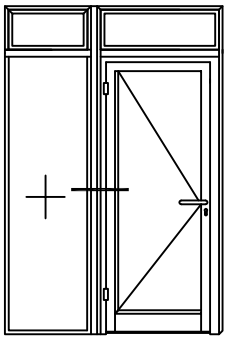


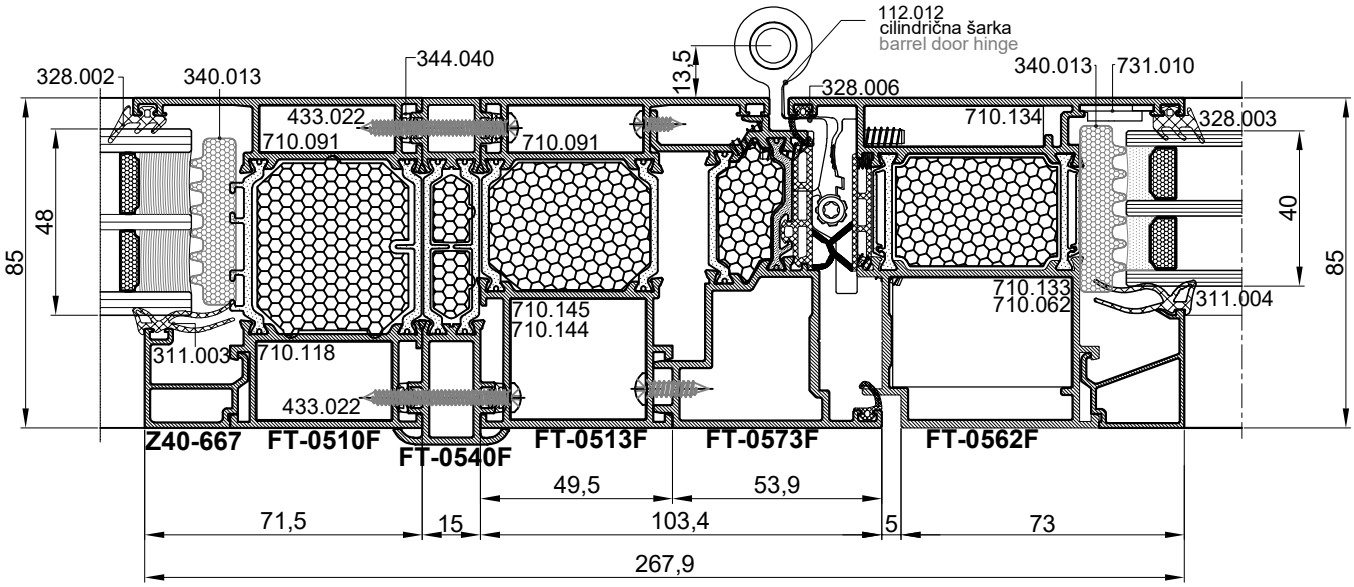
Napomena: Krilo FT-0562F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0562F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016



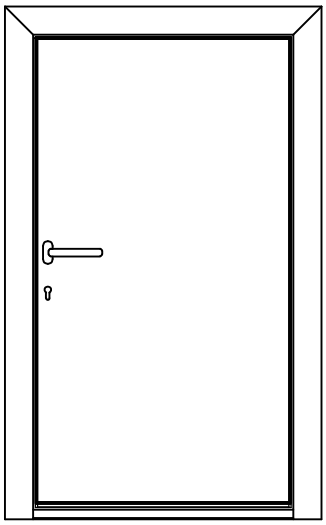

112.012
cilindrična šarka
barrel door hinge
112.012
cilindrična šarka
barrel door hinge
317.002
13,5
F-1232
F-1232
13,5
317.002
340.013
710.134
433.002
710.146
710.091
433.002
710.134
710.145
710.144
710.145
710.144
710.133
710.062
433.018
433.018
433.029
433.029
710.133
710.062
FT-0562F
FT-0573F
FT-0513F
F-1232
F-1232
344.039
FT-0513F
FT-0573F
FT-0562F
53,9
49,5
25
5
25
49,5
53,9
103,4
55
103,4
5


112.012
cilindrična šarka
barrel door hinge
112.012
cilindrična šarka
barrel door hinge
344.040
13,5
13,5
731.010
340.013
317.002
317.002
340.013
710.134
433.002
433.022
710.091
433.002
710.134
710.145
710.144
710.145
710.144
710.133
710.062
433.029
433.022
433.029
710.133
710.062
Z40-668
FT-0562F
FT-0573F
FT-0513F
FT-0540F
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15
49,5
53,9
5

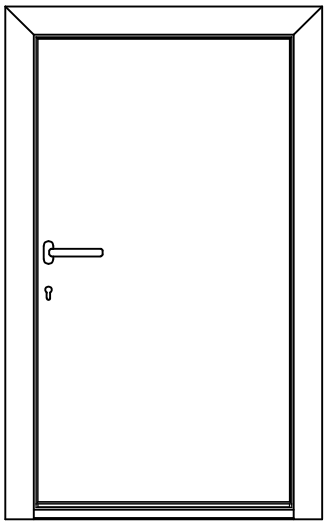



112.012
cilindrična šarka
barrel door hinge
328.002
340.013
344.040
13,5
328.006
340.013
731.010
433.022
710.091
710.091
710.134
328.003
48
85
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710.133
710.062
311.004
710.145
710.144
311.003
710.118
433.022
Z40-667
FT-0510F
FT-0540F
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FT-0573F
FT-0562F
49,5
53,9
71,5
15
103,4
5
73
267,9

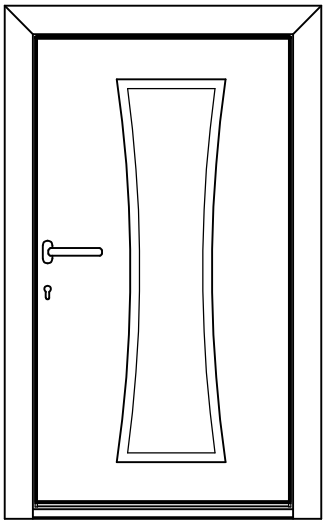
Presjeci
-vrata Termo 85 VP
ugradnja panela kopčom-
Cross sections
-door Termo 85 VP
installation of a panel with a buckle-



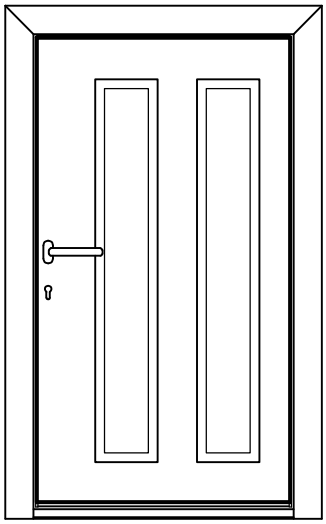
ISPUNA "PANEL"
FILLING"PANEL"



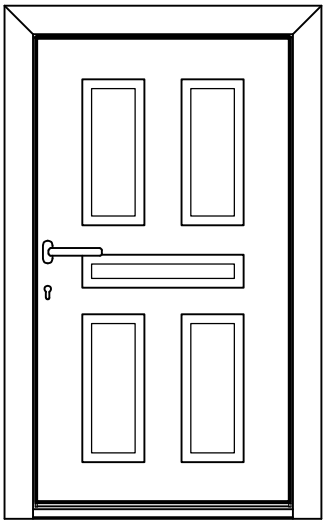
ISPUNA "STAKLO"
FILLING "GLASS"



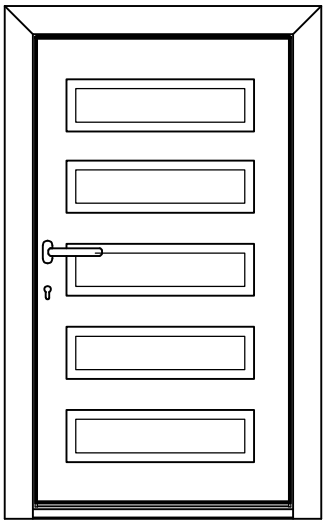
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



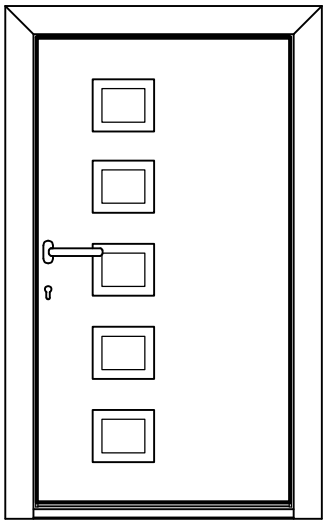
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



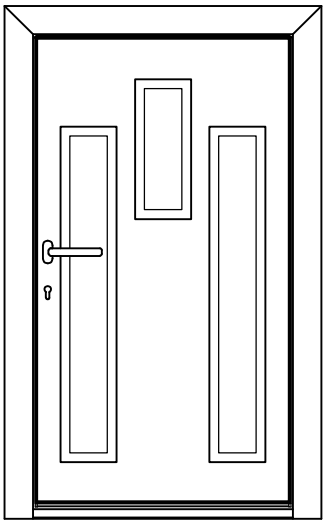
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"

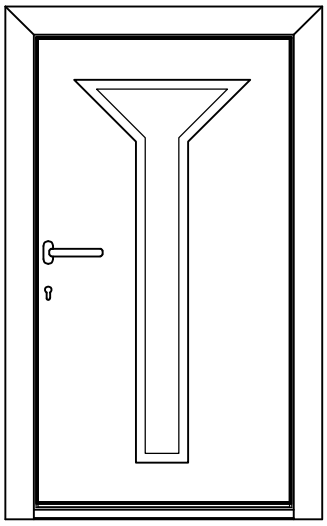


ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"

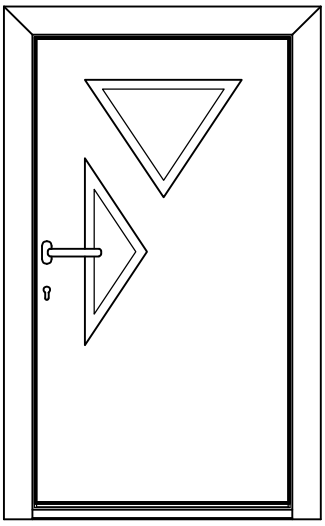


ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"

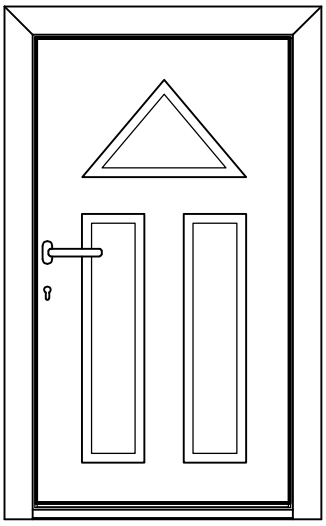
NAPOMENA:DIZAJN ISPUNE KRILA VRATA SA MOŽE RADITI I PO ŽELJI NARUČITELJA
REMARK: DOOR DESIGN CAN BE MADE BY CUSTOMER'S WISHES



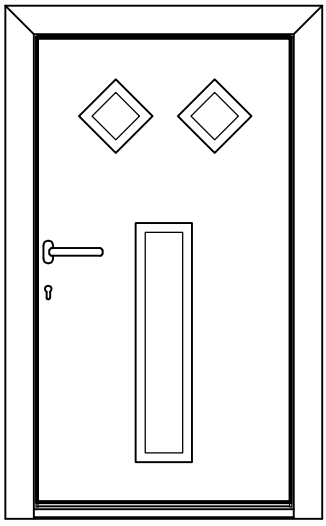
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



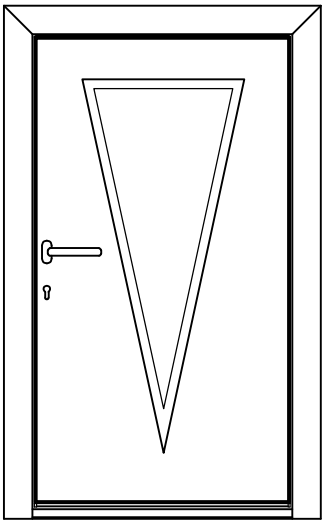
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



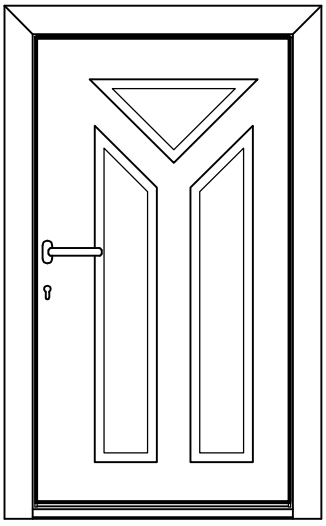
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



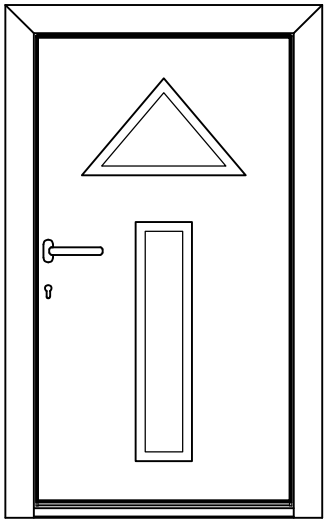
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



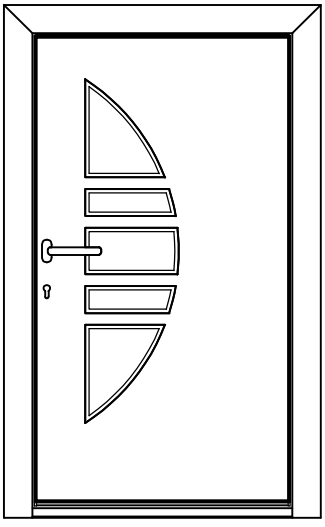
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



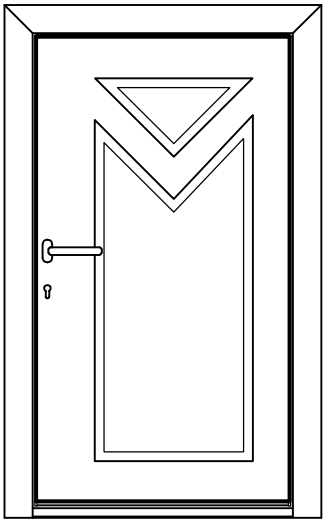
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"



ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"

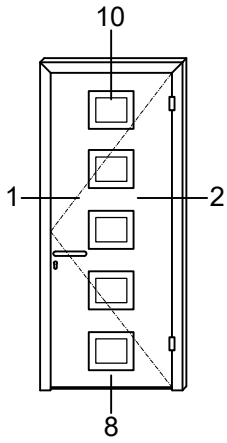


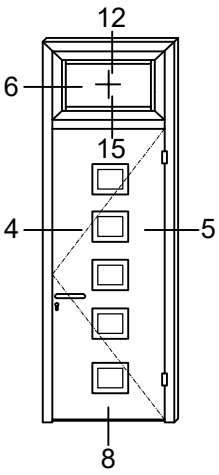
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"

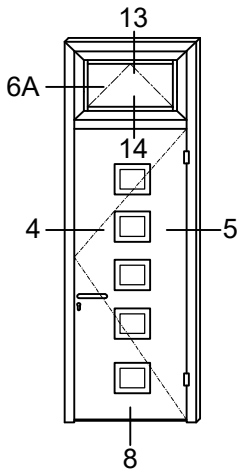


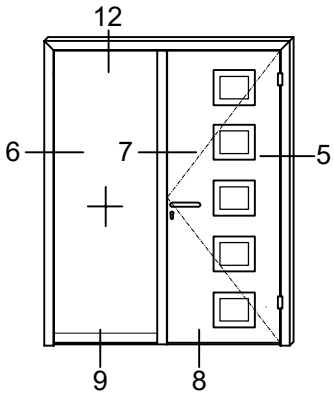
ISPUNA "PANEL + STAKLO"
FILLING "PANEL + GLASS"

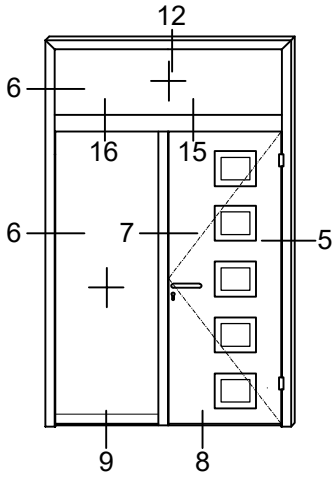
NAPOMENA:DIZAJN ISPUNE KRILA VRATA SA MOŽE RADITI I PO ŽELJI NARUČITELJA
REMARK: DOOR DESIGN CAN BE MADE BY CUSTOMER'S WISHES

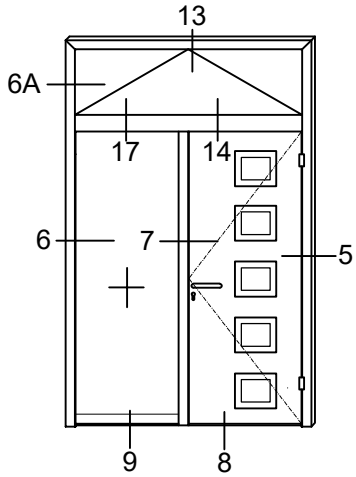

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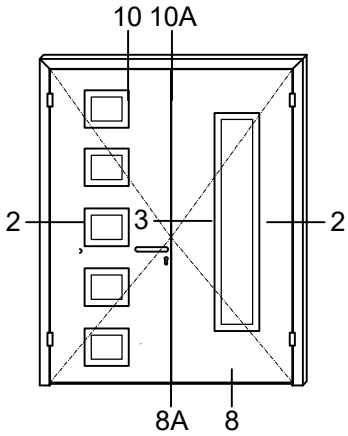

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6
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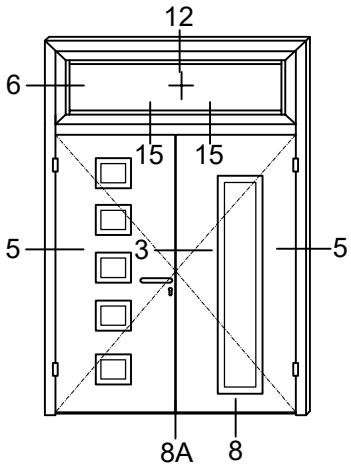

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14
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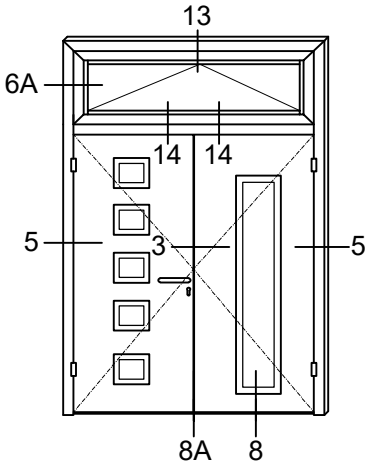

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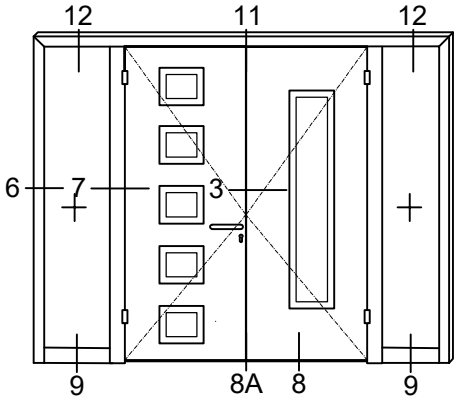

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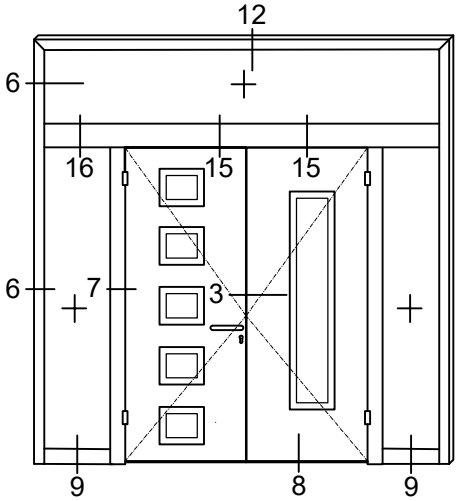

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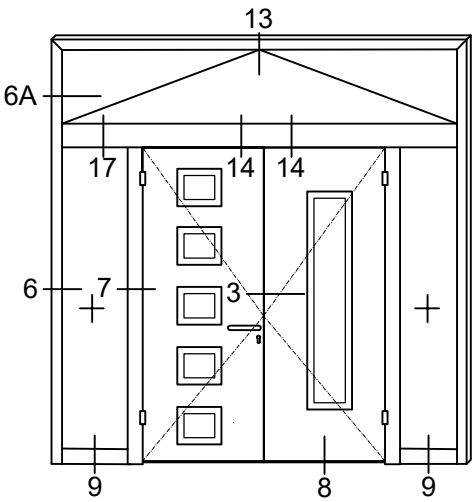

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8A
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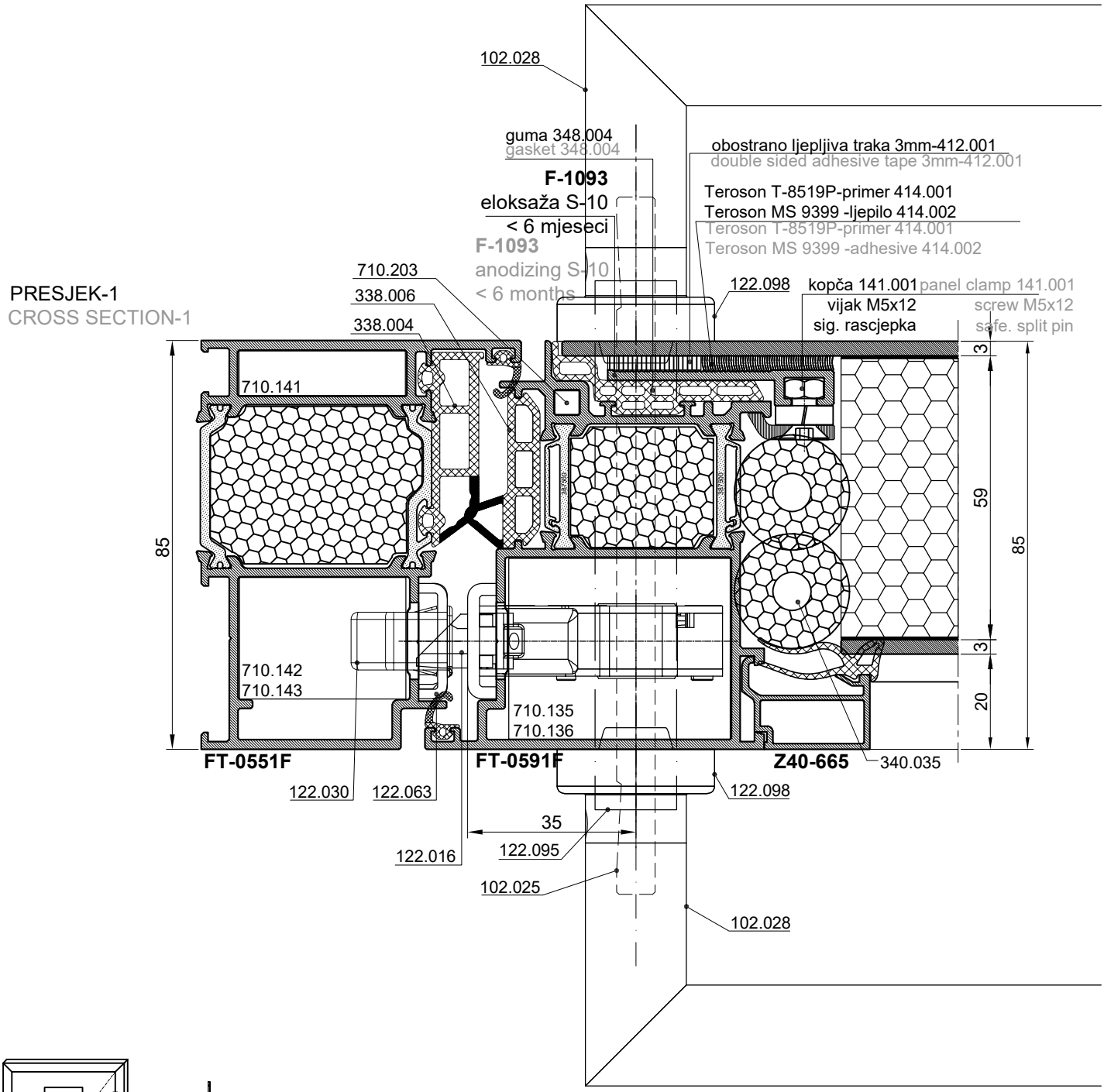

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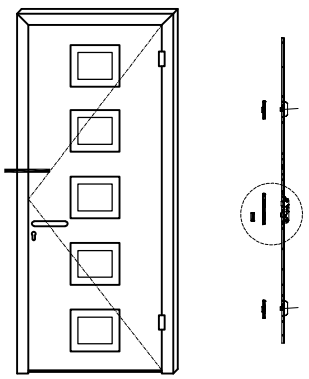

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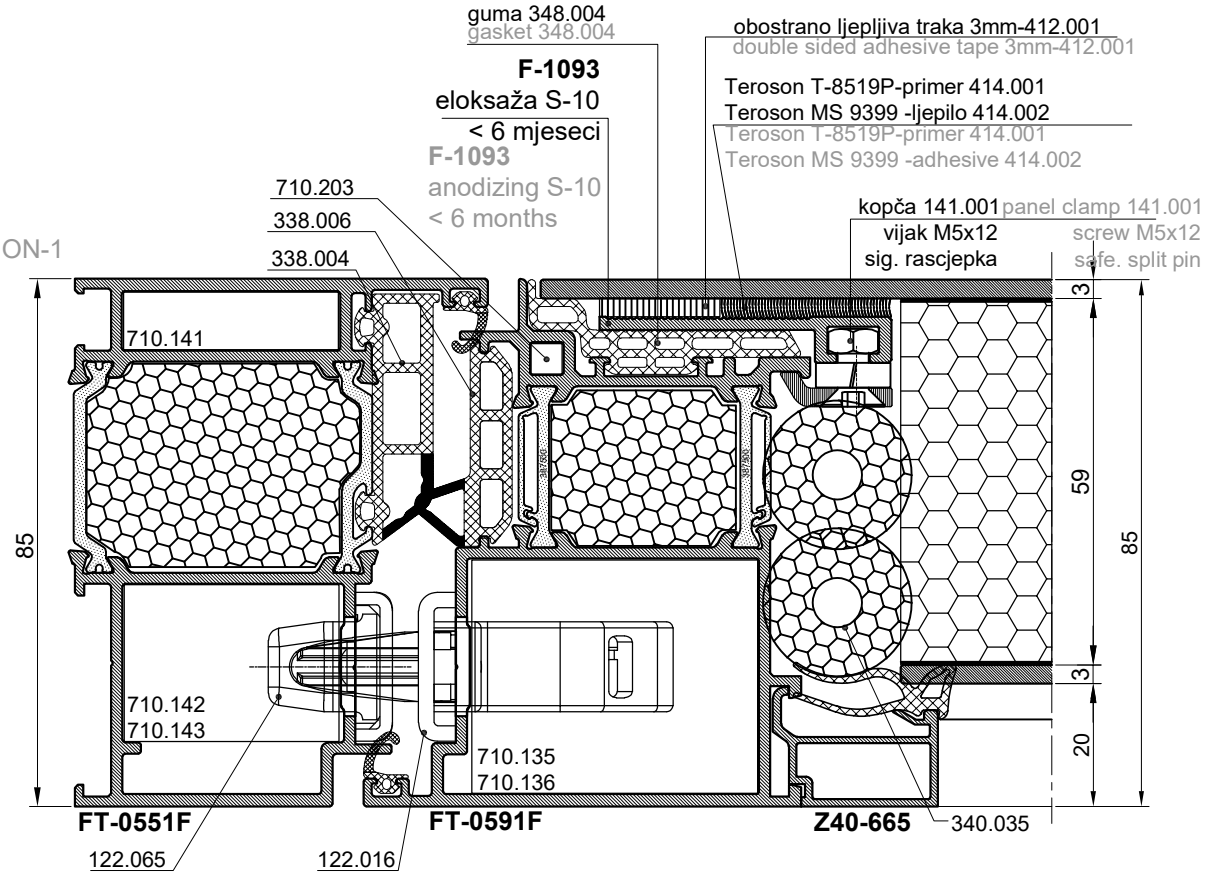
PRESJEK-1
CROSS SECTION-1

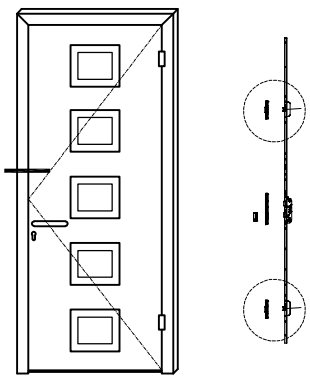




Napomena: Krilo FT-0591F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0591F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

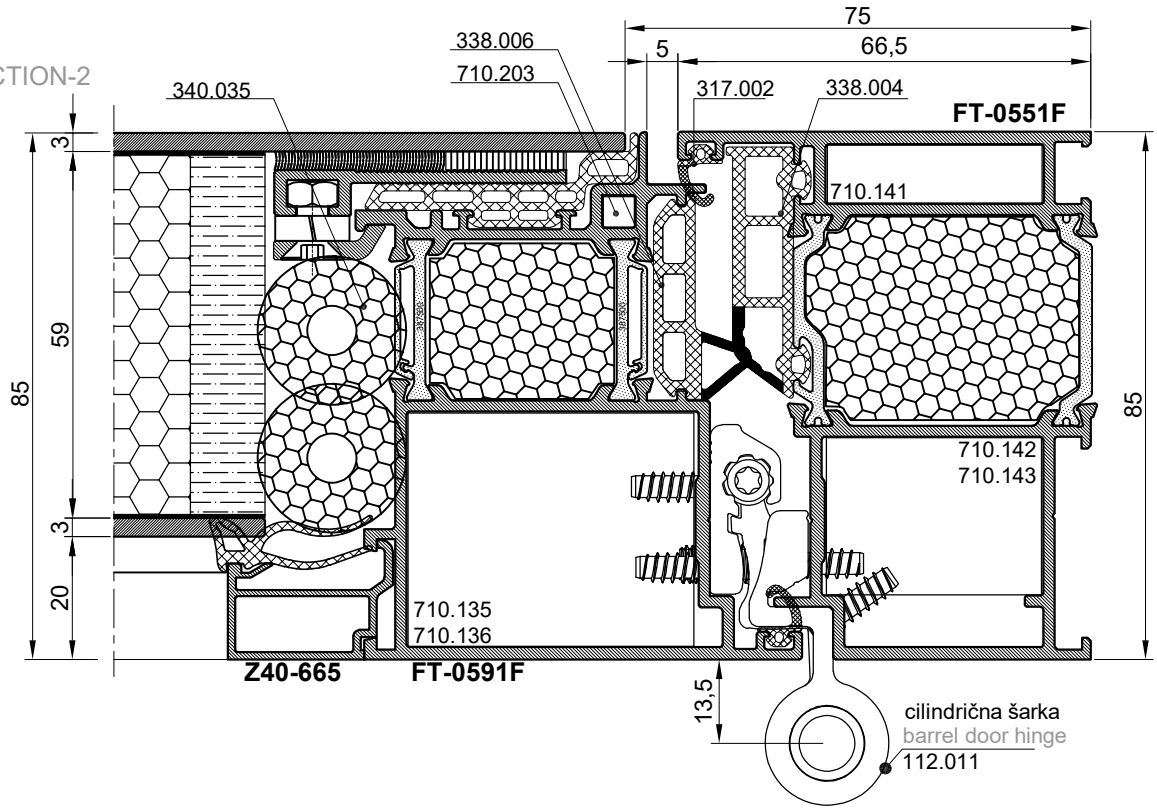
PRESJEK-1
CROSS SECTION-1



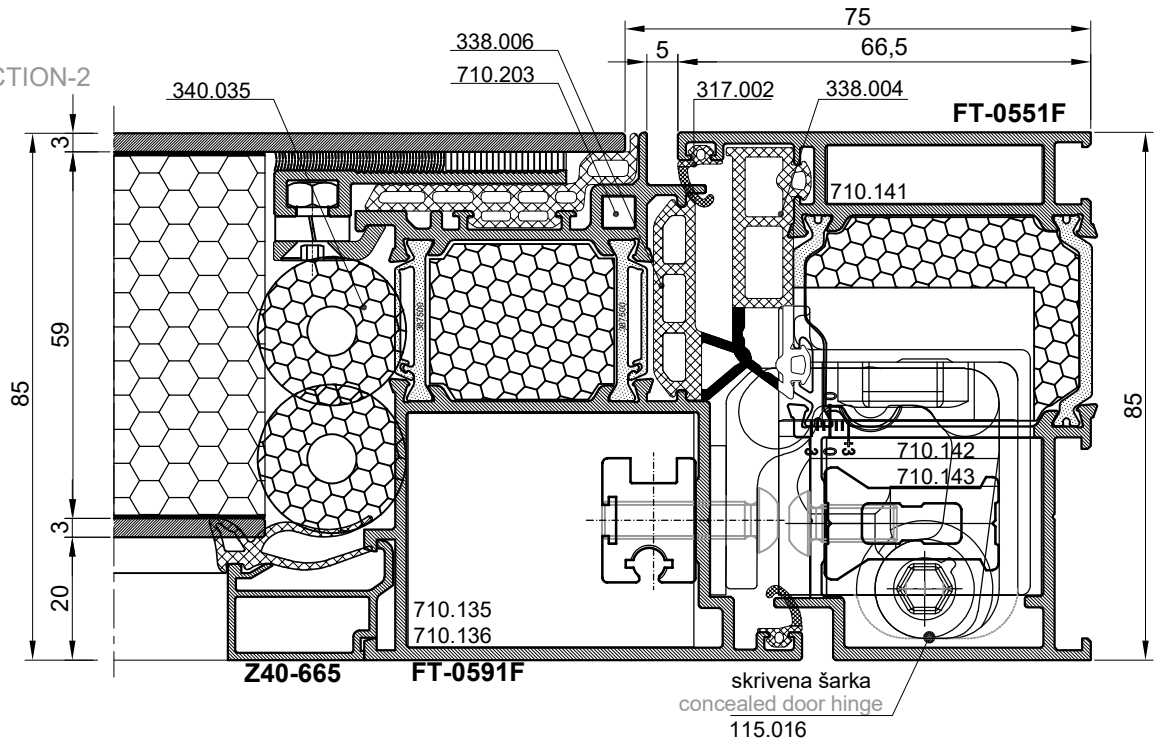


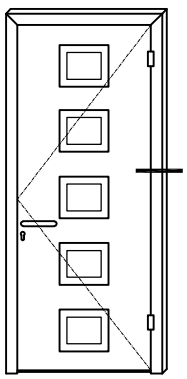
Napomena: Krilo FT-0591F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0591F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

PRESJEK-2
CROSS SECTION-2



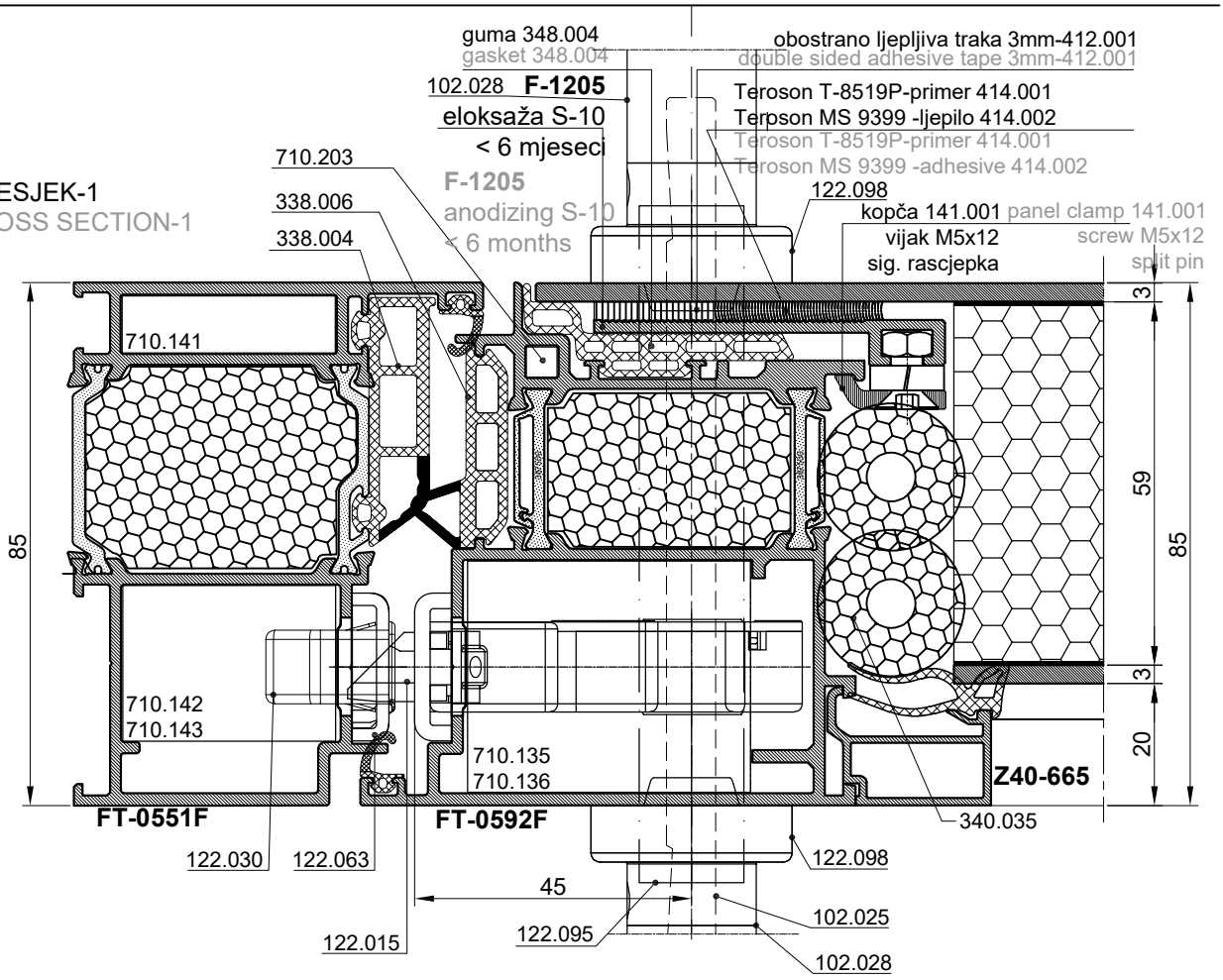
PRESJEK-2
CROSS SECTION-2



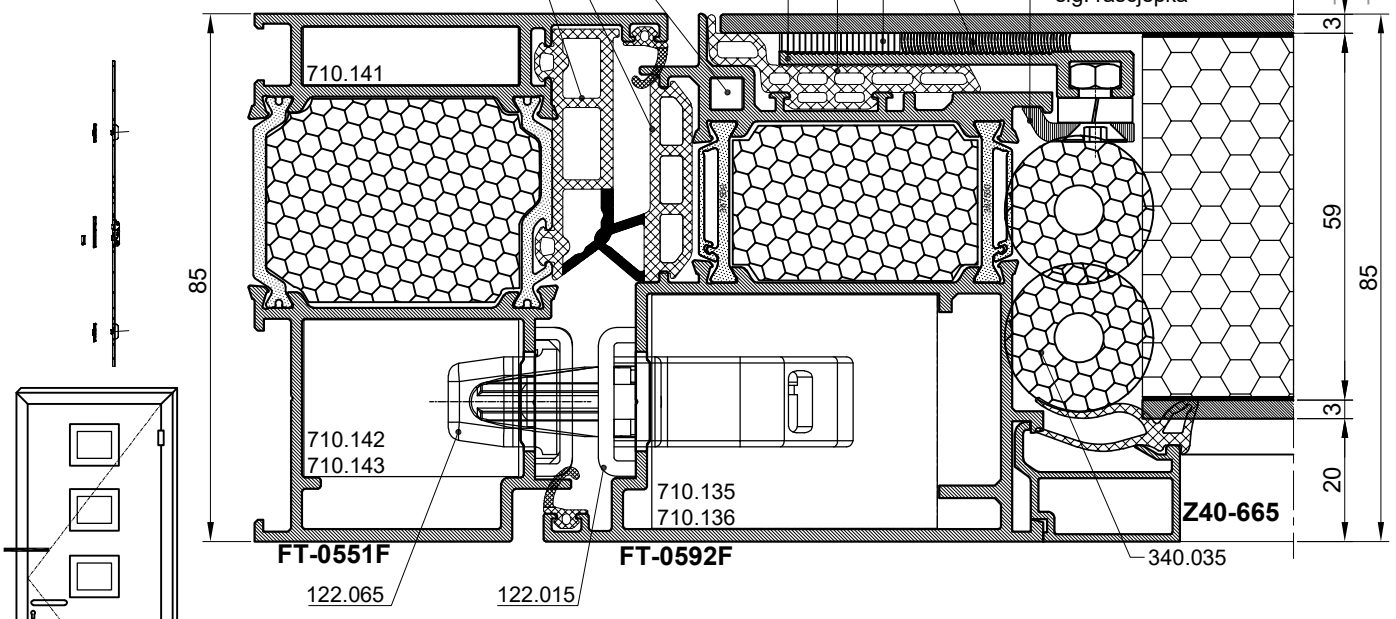


Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm

PRESJEK-1
CROSS SECTION-1

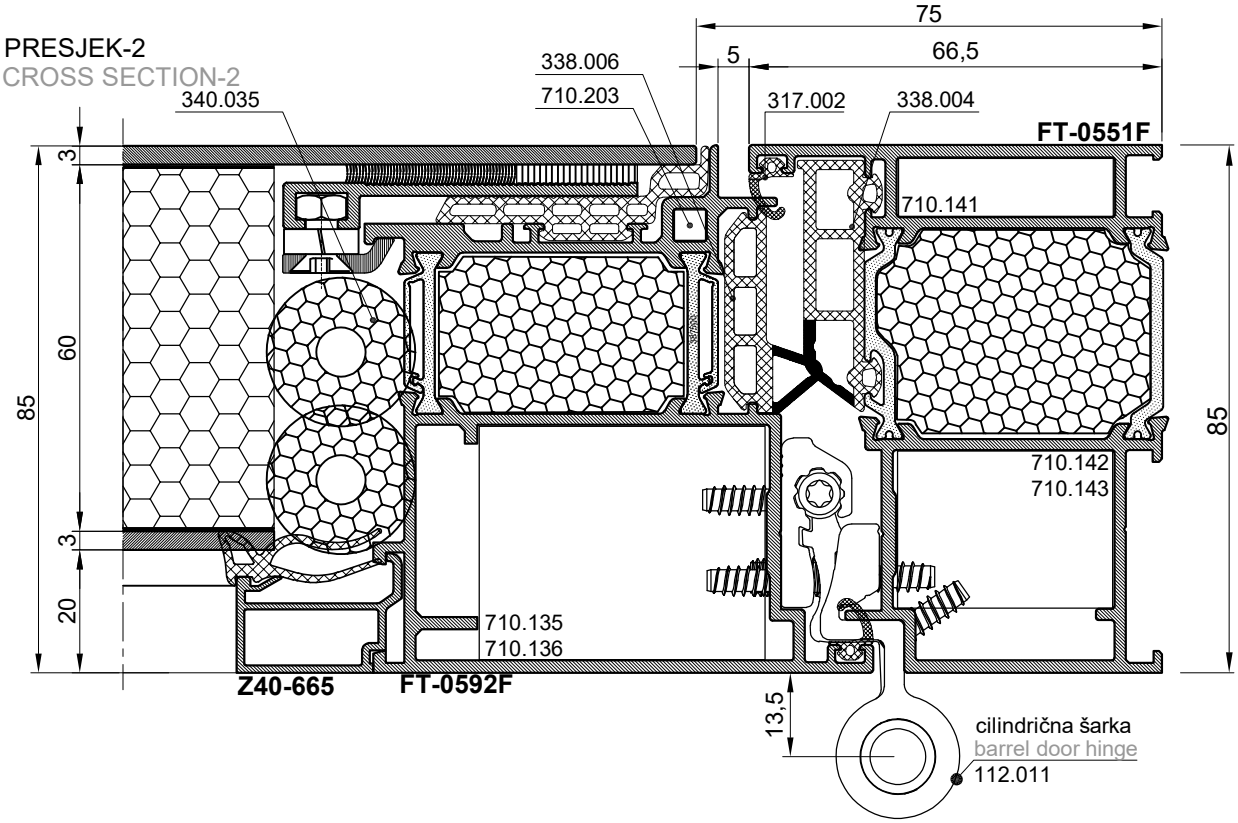


PRESJEK-1
CROSS SECTION-1

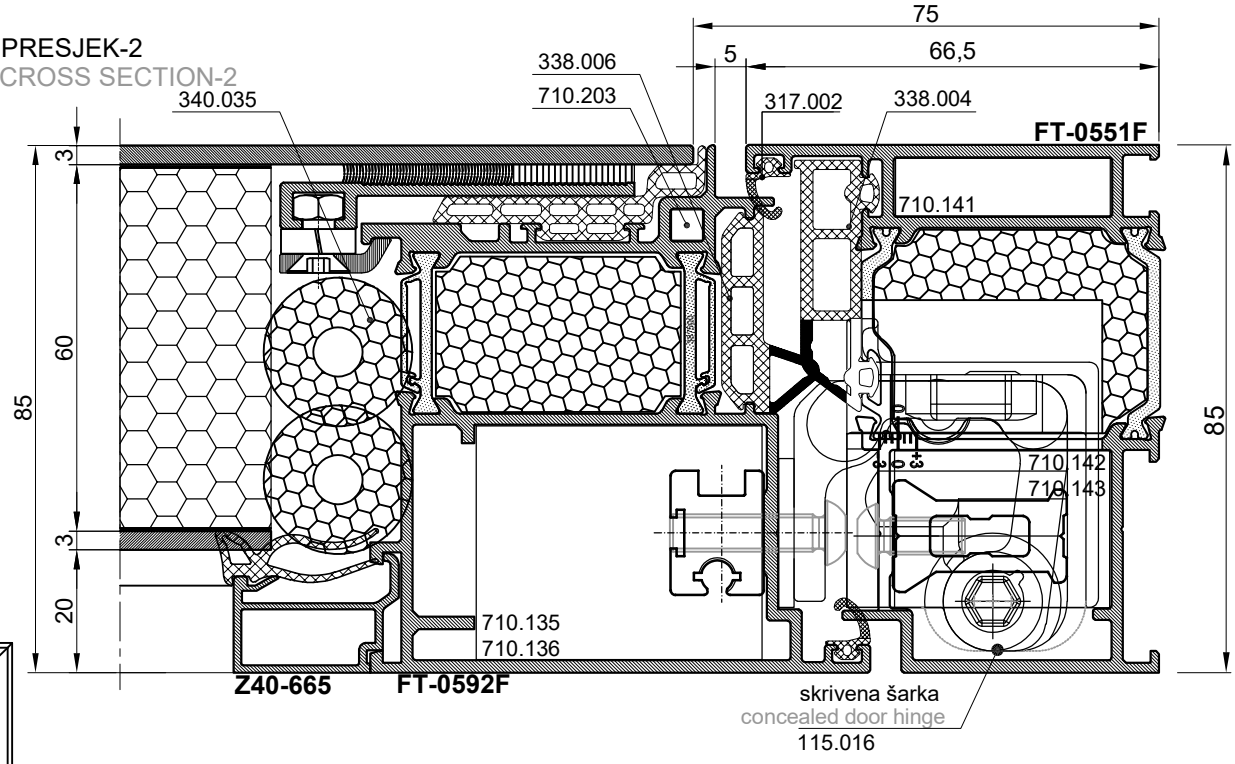


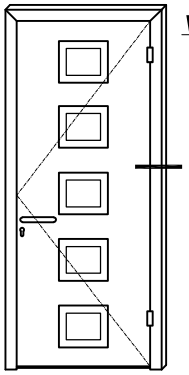
Napomena: Krilo FT-0592F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0592F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-2
CROSS SECTION-2



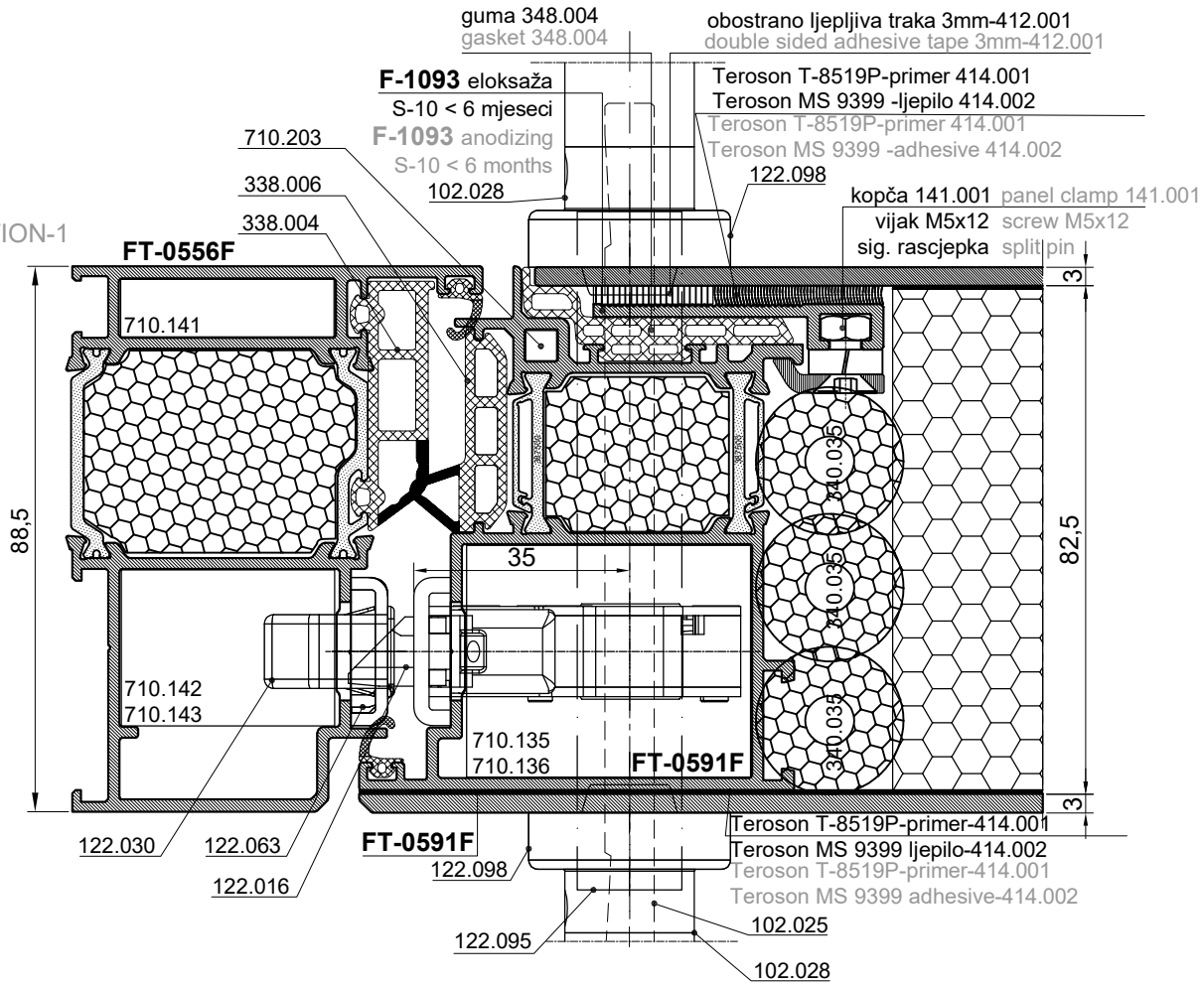
PRESJEK-2
CROSS SECTION-2



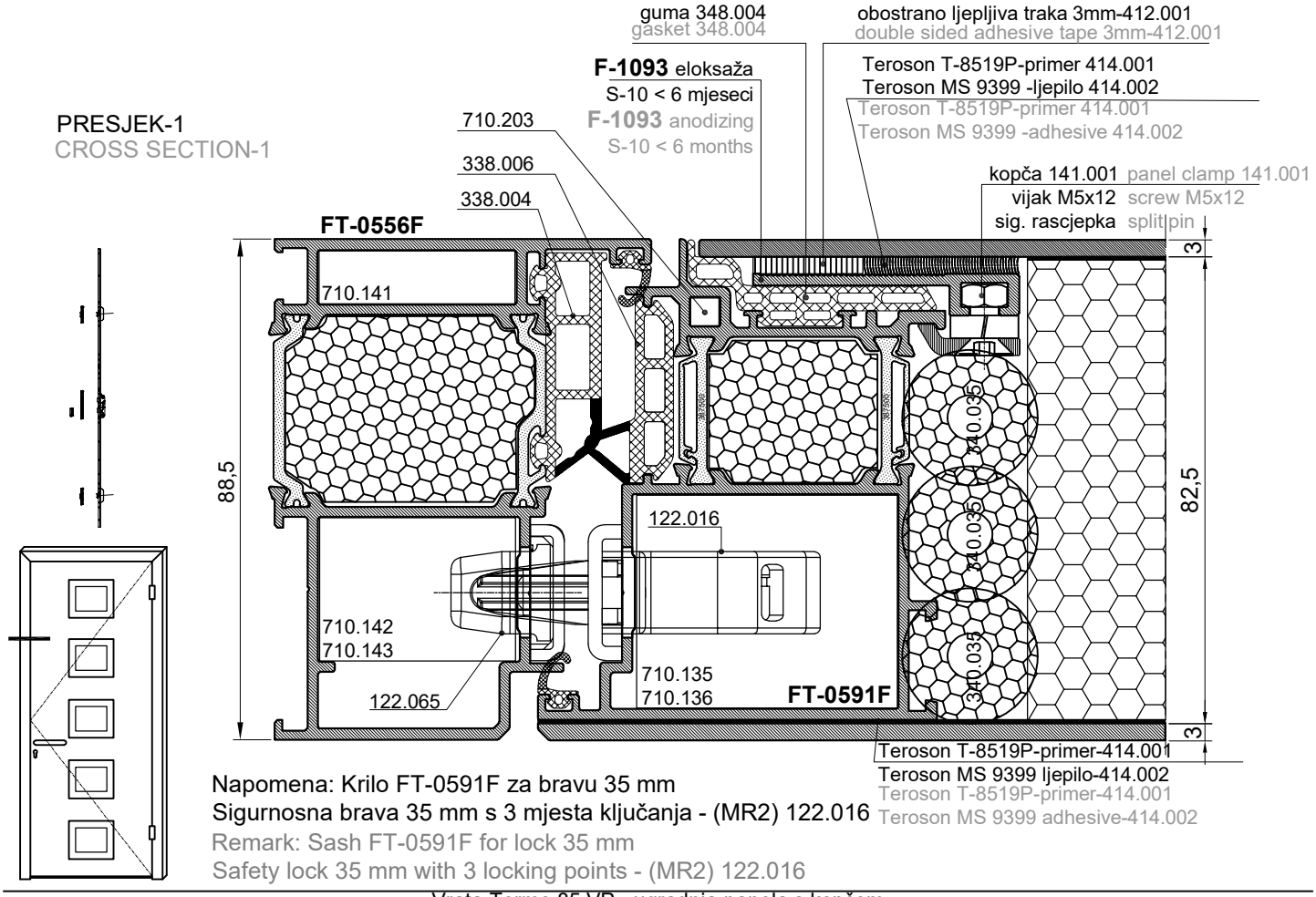


Napomena: Krilo FT-0592F za bravu 45 mm
Remark: Sash FT-0592F for lock 45 mm

PRESJEK-1
CROSS SECTION-1

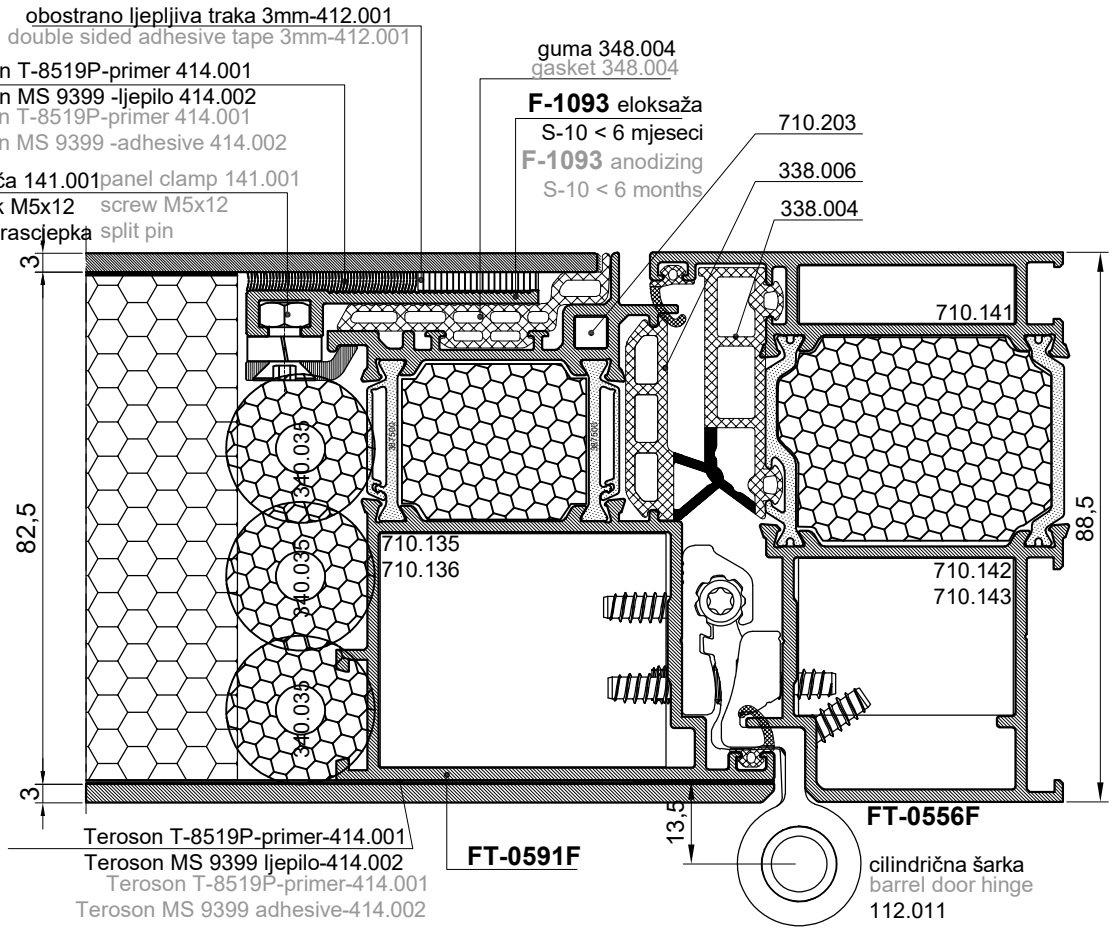


PRESJEK-1
CROSS SECTION-1

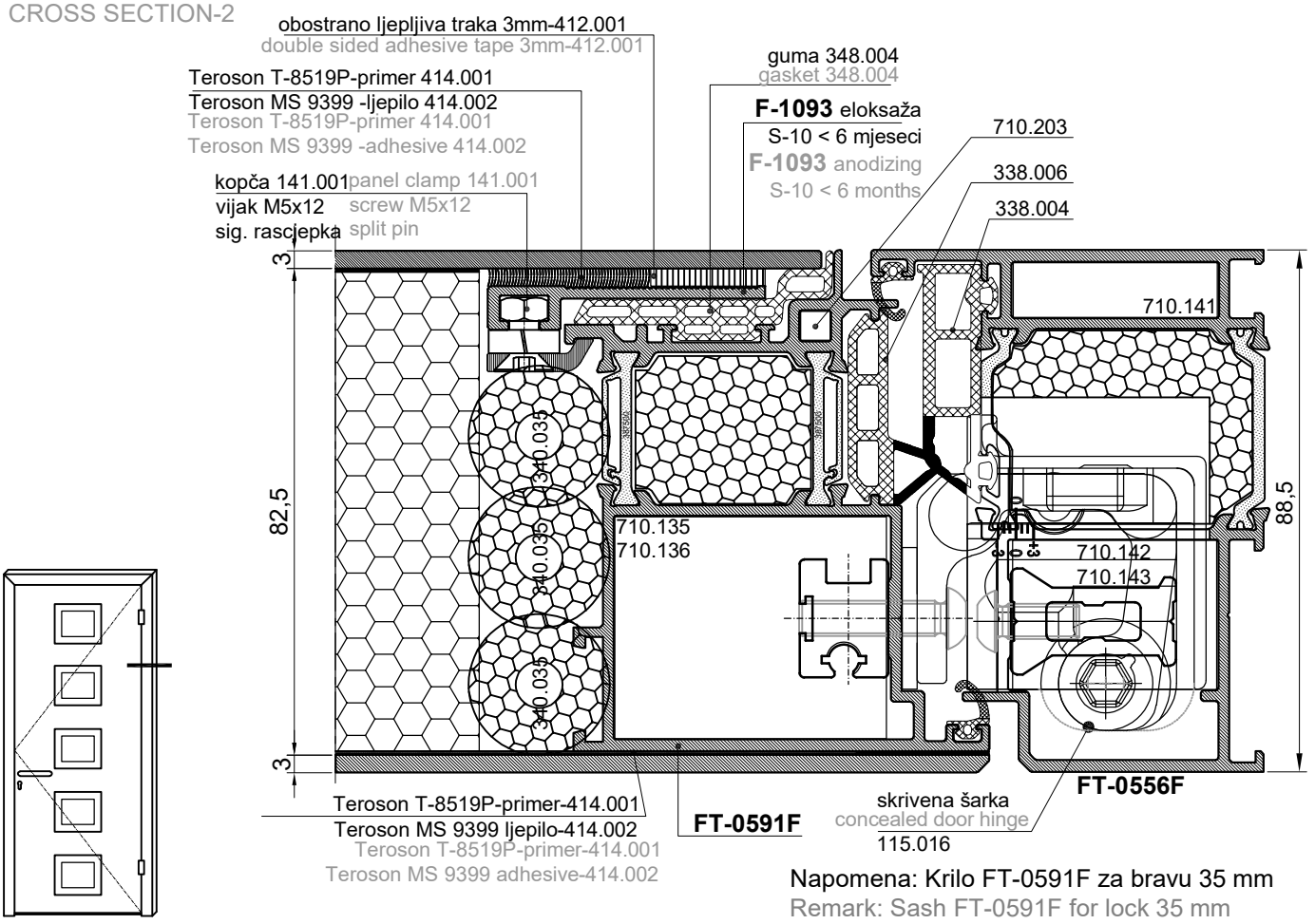


Napomena: Krilo FT-0591F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0591F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

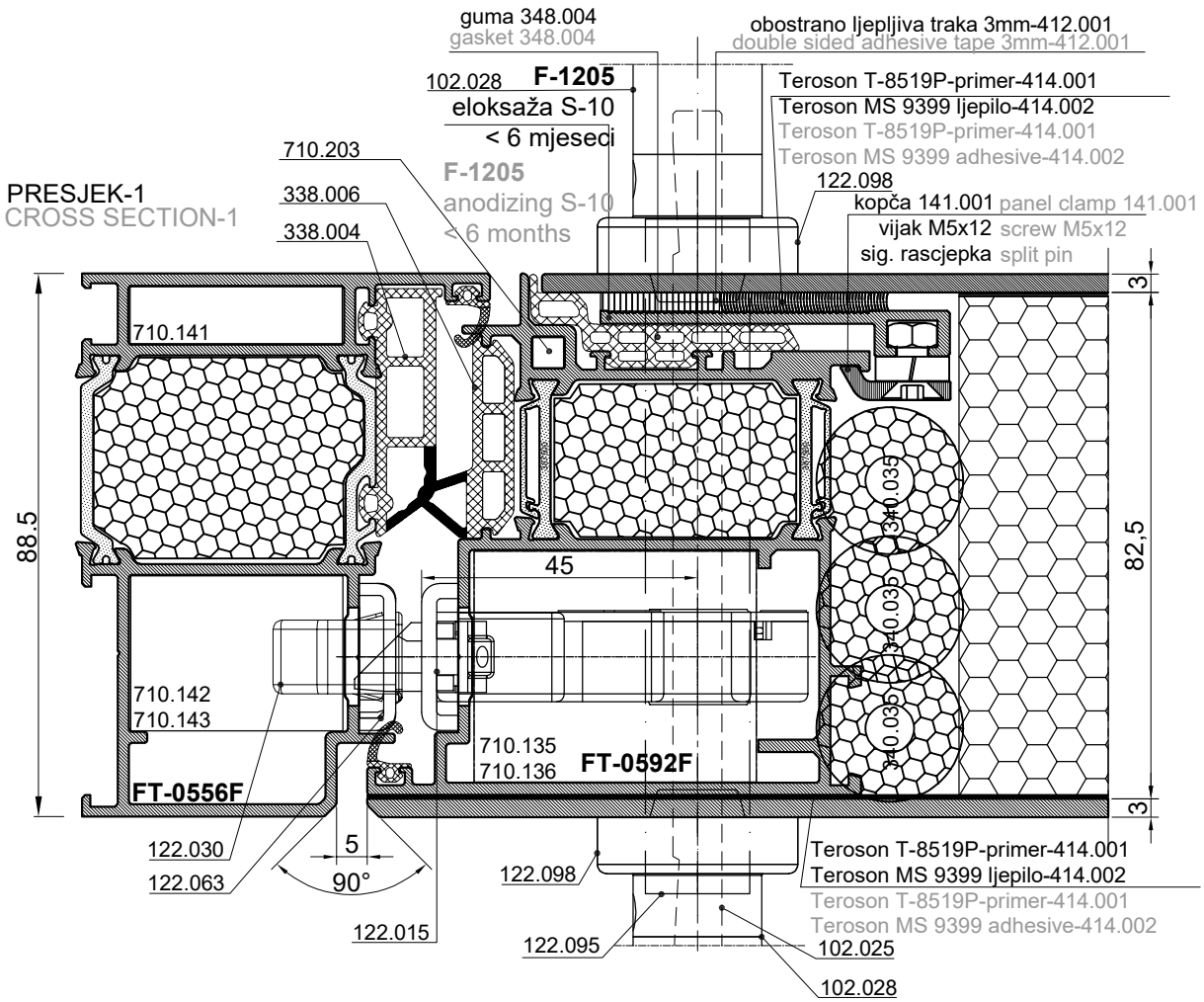
PRESJEK-2
CROSS SECTION-2

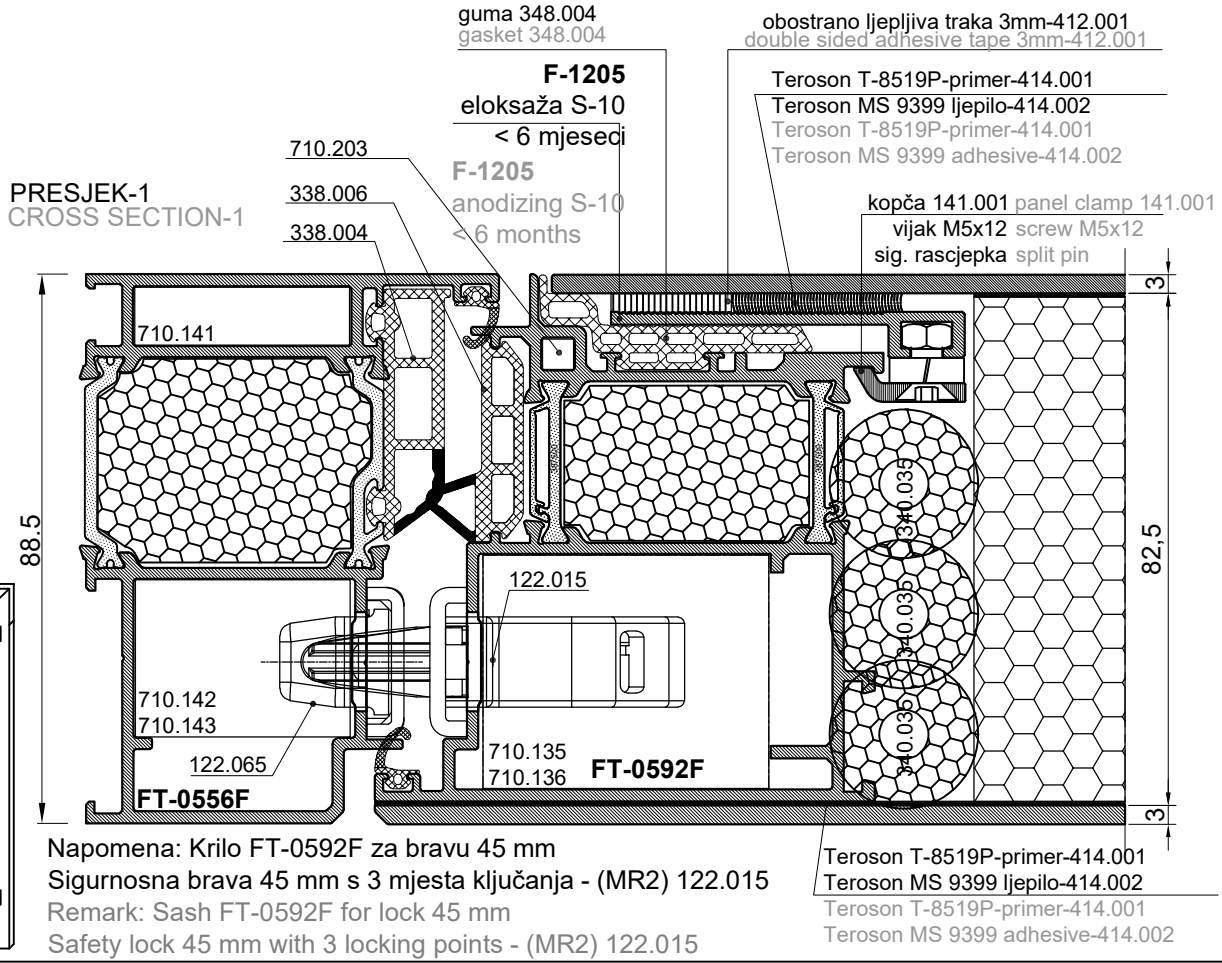


PRESJEK-2
CROSS SECTION-2

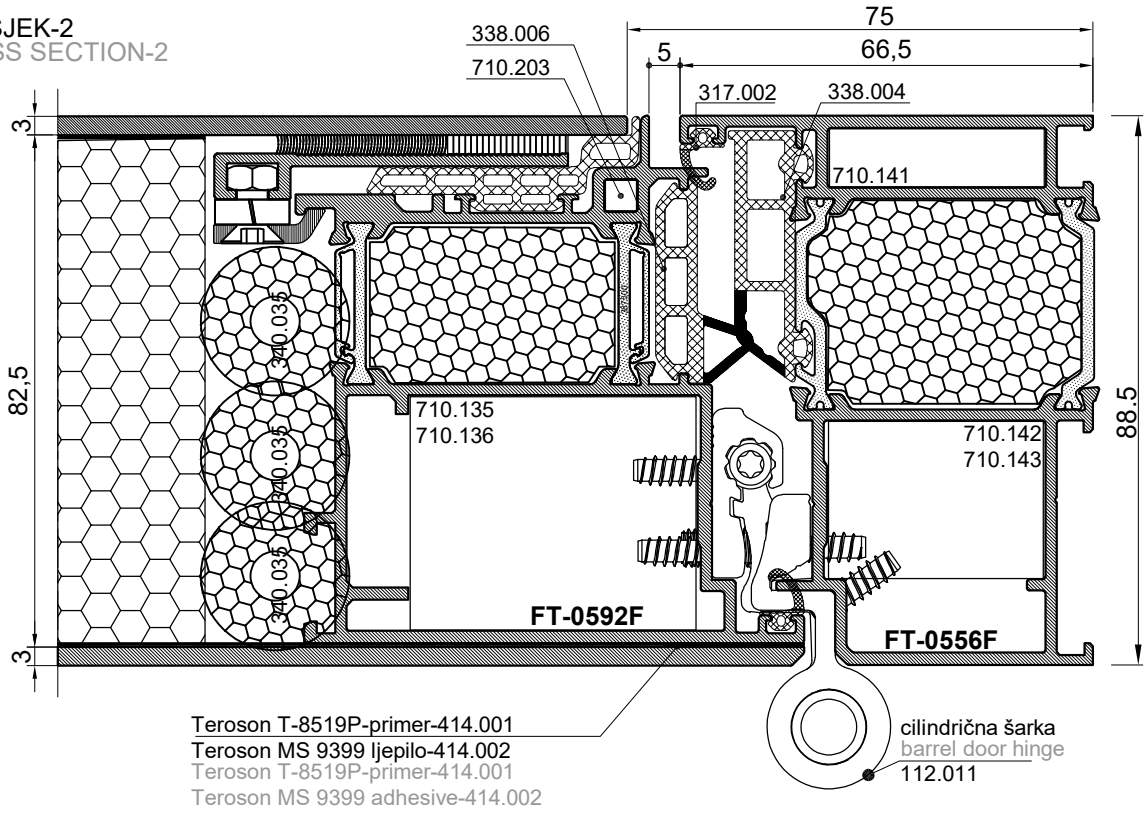


Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm

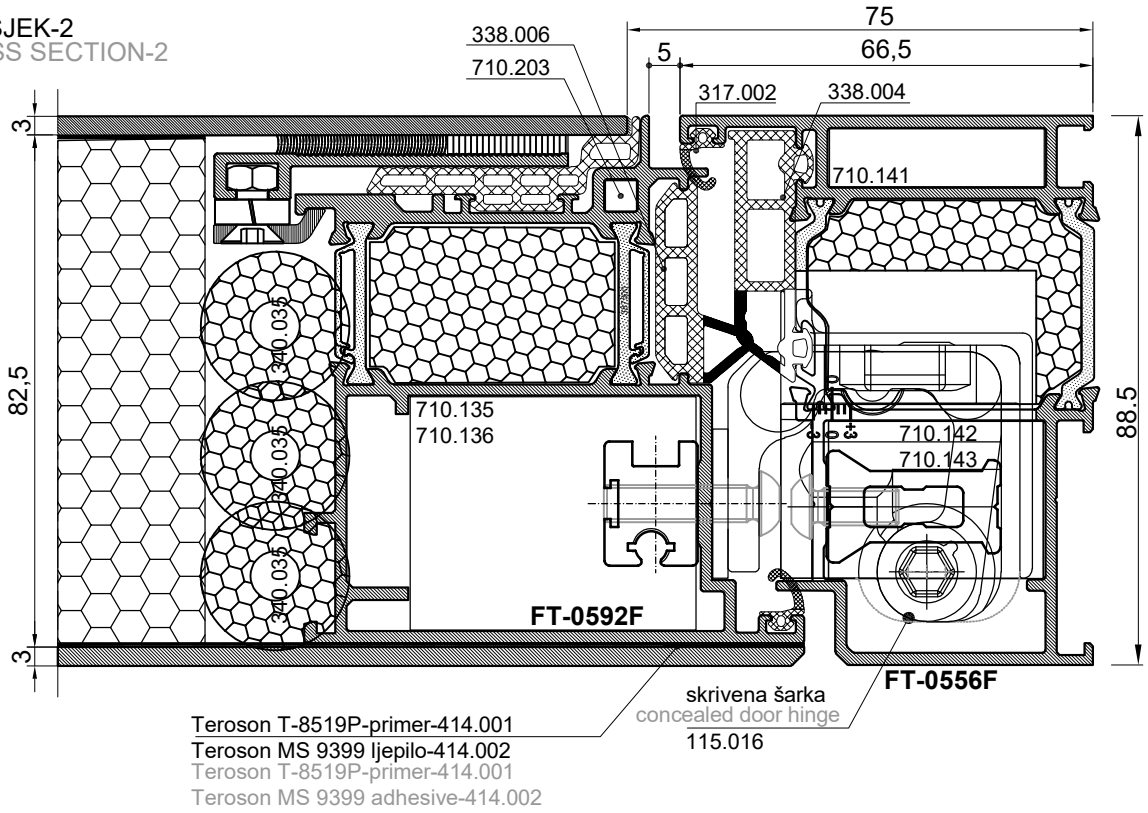

guma 348.004
gasket 348.004
obostrano ljepljiva traka 3mm-412.001
double sided adhesive tape 3mm-412.001
102.028 F-1205
eloksaža S-10
< 6 mjeseci
Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002
710.203
F-1205
anodizing S-10
< 6 months
122.098
kopča 141.001 panel clamp 141.001
vijak M5x12 screw M5x12
sig. rascjepka split pin
PRESJEK-1
CROSS SECTION-1
338.006
338.004
710.141
88.5
82,5
3
3
340.035
340.035
340.035
45
710.142
710.143
710.135
710.136
FT-0592F
FT-0556F
122.030
122.063
5
90°
122.015
122.098
122.095
102.025
102.028
Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002

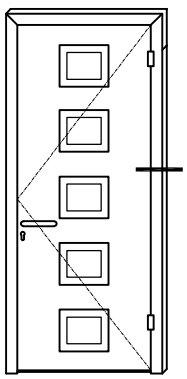

guma 348.004
gasket 348.004
obostrano ljepljiva traka 3mm-412.001
double sided adhesive tape 3mm-412.001
F-1205
eloksaža S-10
< 6 mjeseci
Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002
710.203
F-1205
anodizing S-10
< 6 months
PRESJEK-1
CROSS SECTION-1
338.006
338.004
kopča 141.001 panel clamp 141.001
vijak M5x12 screw M5x12
sig. rascjepka split pin
710.141
88.5
82,5
3
3
340.035
340.035
340.035
122.015
710.142
710.143
122.065
710.135
710.136
FT-0592F
FT-0556F
Napomena: Krilo FT-0592F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0592F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015
Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002

PRESJEK-2
CROSS SECTION-2



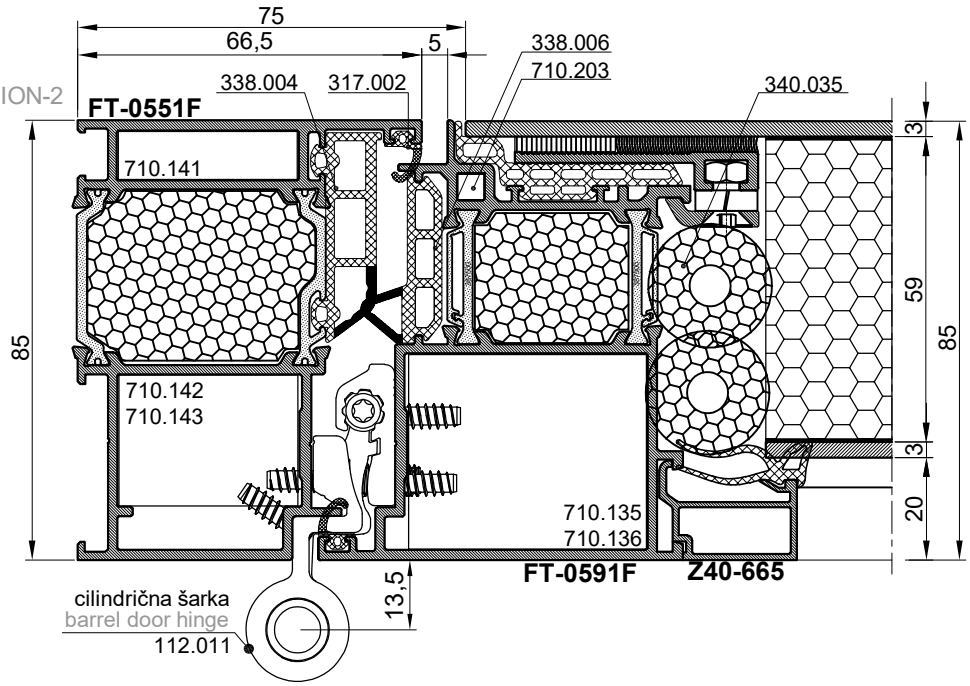
PRESJEK-2
CROSS SECTION-2





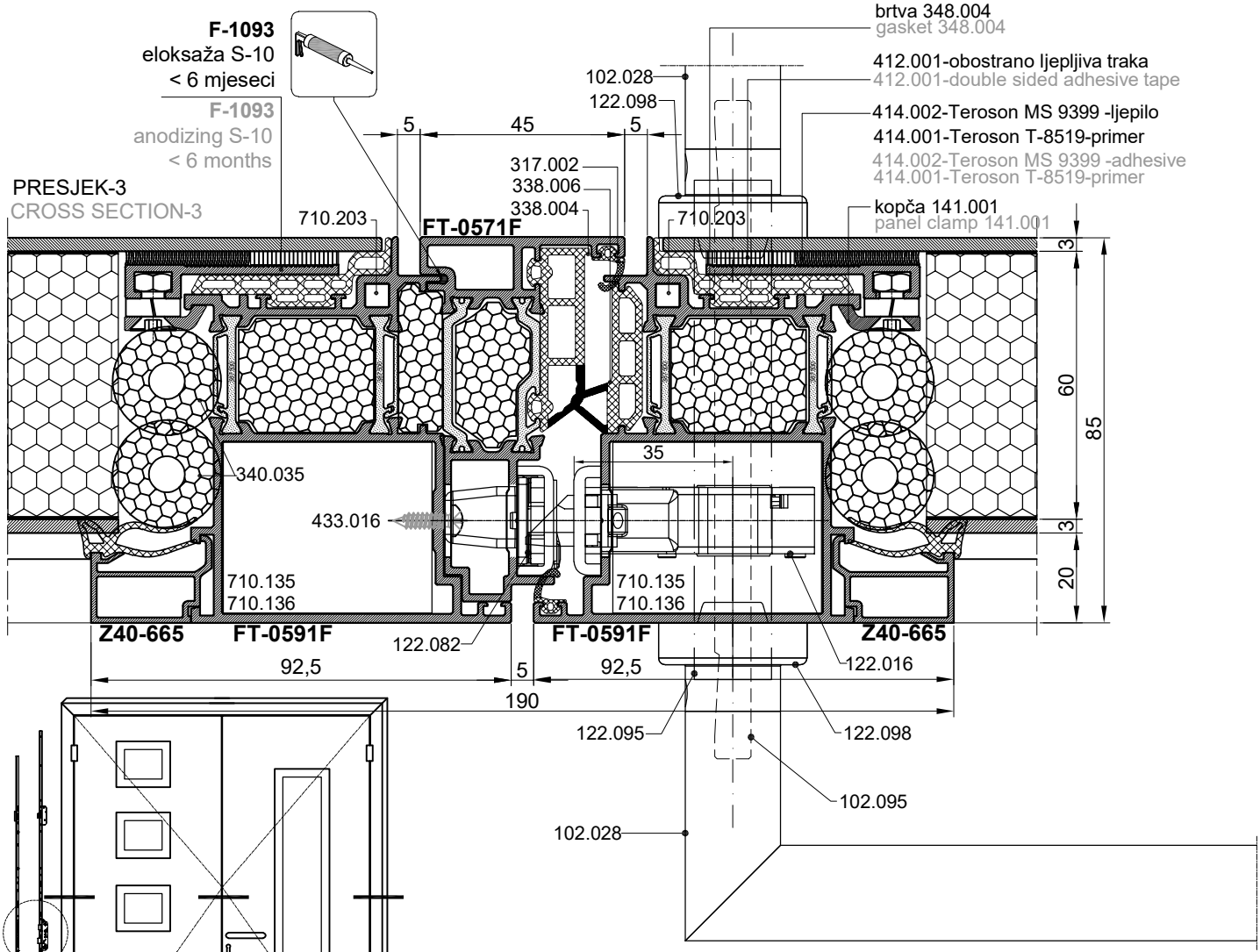
Napomena: Krilo FT-0592F za bravu 45 mm
Remark: Sash FT-0592F for lock 45 mm

PRESJEK-2
CROSS SECTION-2



PRESJEK-3
CROSS SECTION-3

F-1093
eloksaža S-10
< 6 mjeseci
F-1093
anodizing S-10
< 6 months

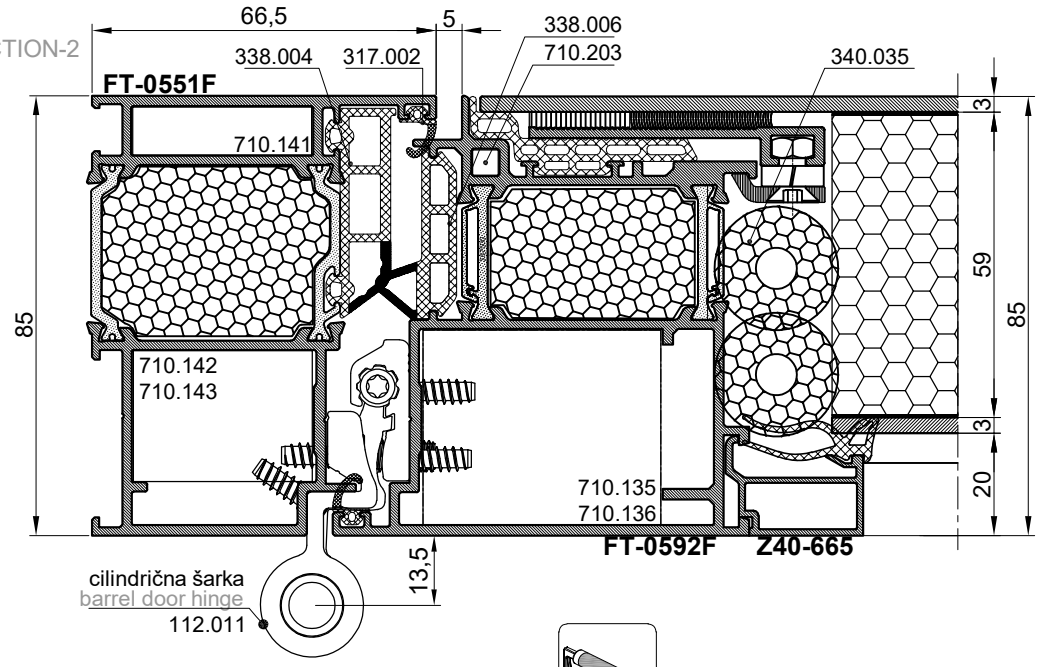


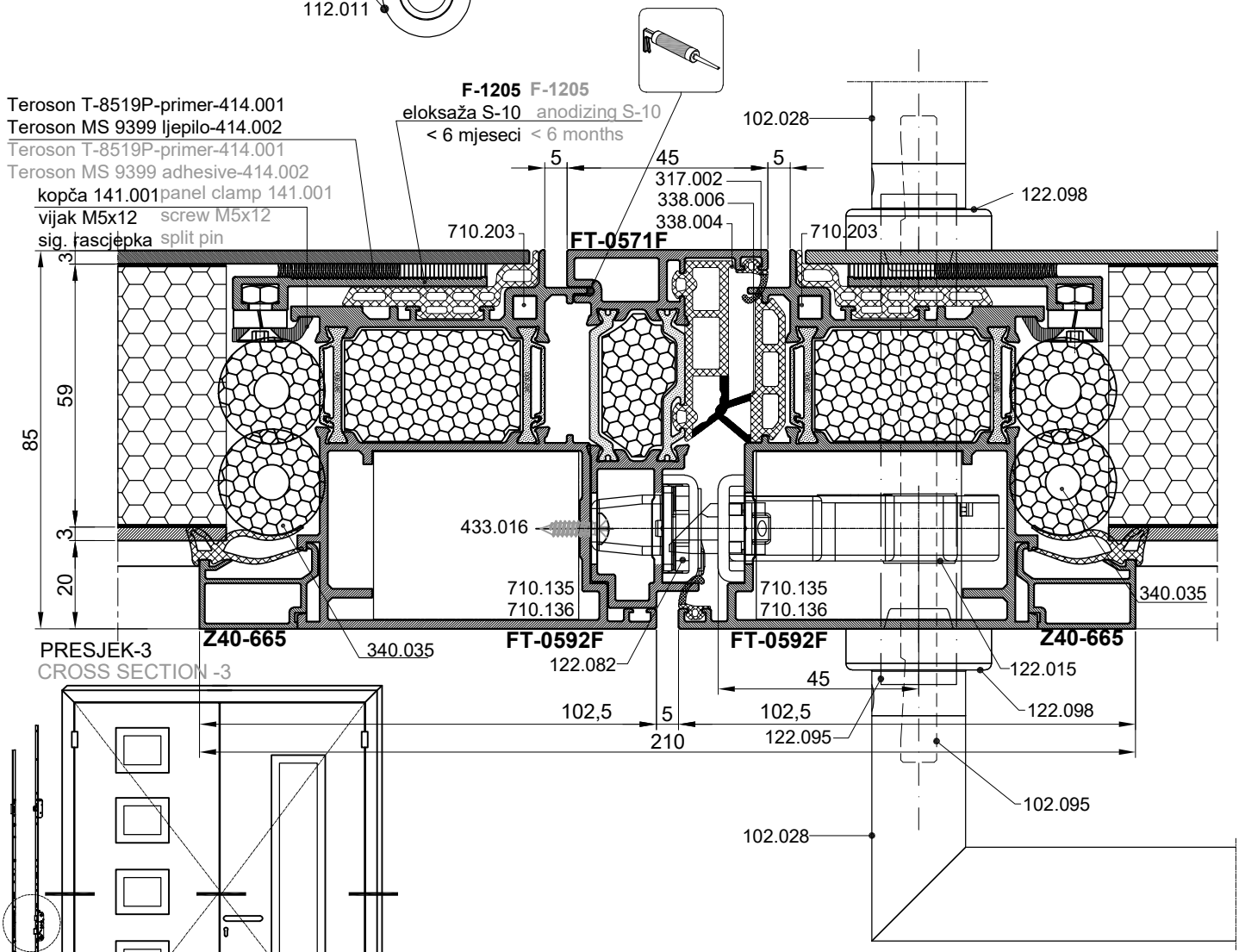
Napomena: Krilo FT-0591F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0591F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016



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

PRESJEK-2
CROSS SECTION-2





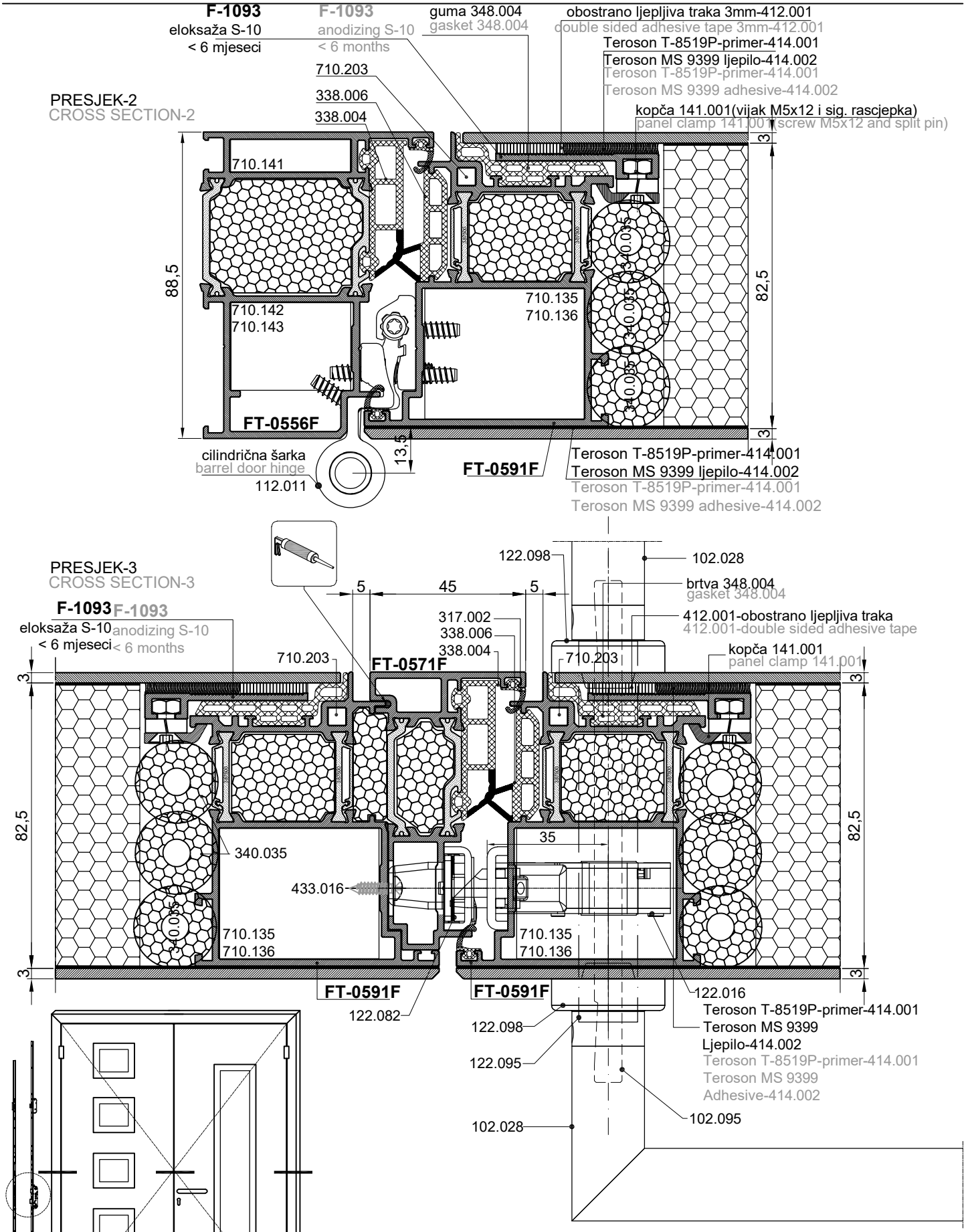
PRESJEK-3
CROSS SECTION -3

Napomena: Krilo FT-0592F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0592F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015



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

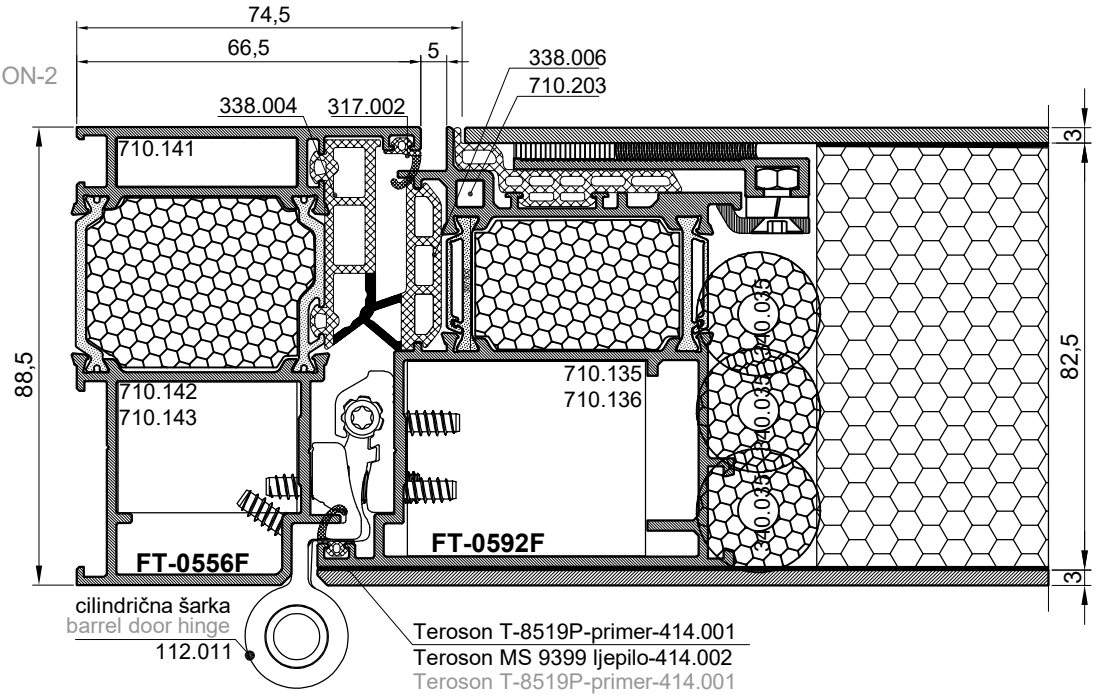
Vrata Termo 85 VP - ugradnja panela s kopčom
Door Termo 85 VP - installation of a panel with a buckle

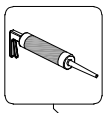


Napomena: Krilo FT-0591F za bravu 35 mm
Sigurnosna brava 35 mm s 3 mjesta ključanja - (MR2) 122.016
Remark: Sash FT-0591F for lock 35 mm
Safety lock 35 mm with 3 locking points - (MR2) 122.016

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

PRESJEK-2
CROSS SECTION-2





Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002
kopča 141.001 panel clamp 141.001
vijak M5x12 screw M5x12
sig. rascjepka split pin

F-1205 (eloksaža S-10; < 6 mjeseci)
F-1205 (anodizing S-10; < 6 months)

PRESJEK-3
CROSS SECTION-3

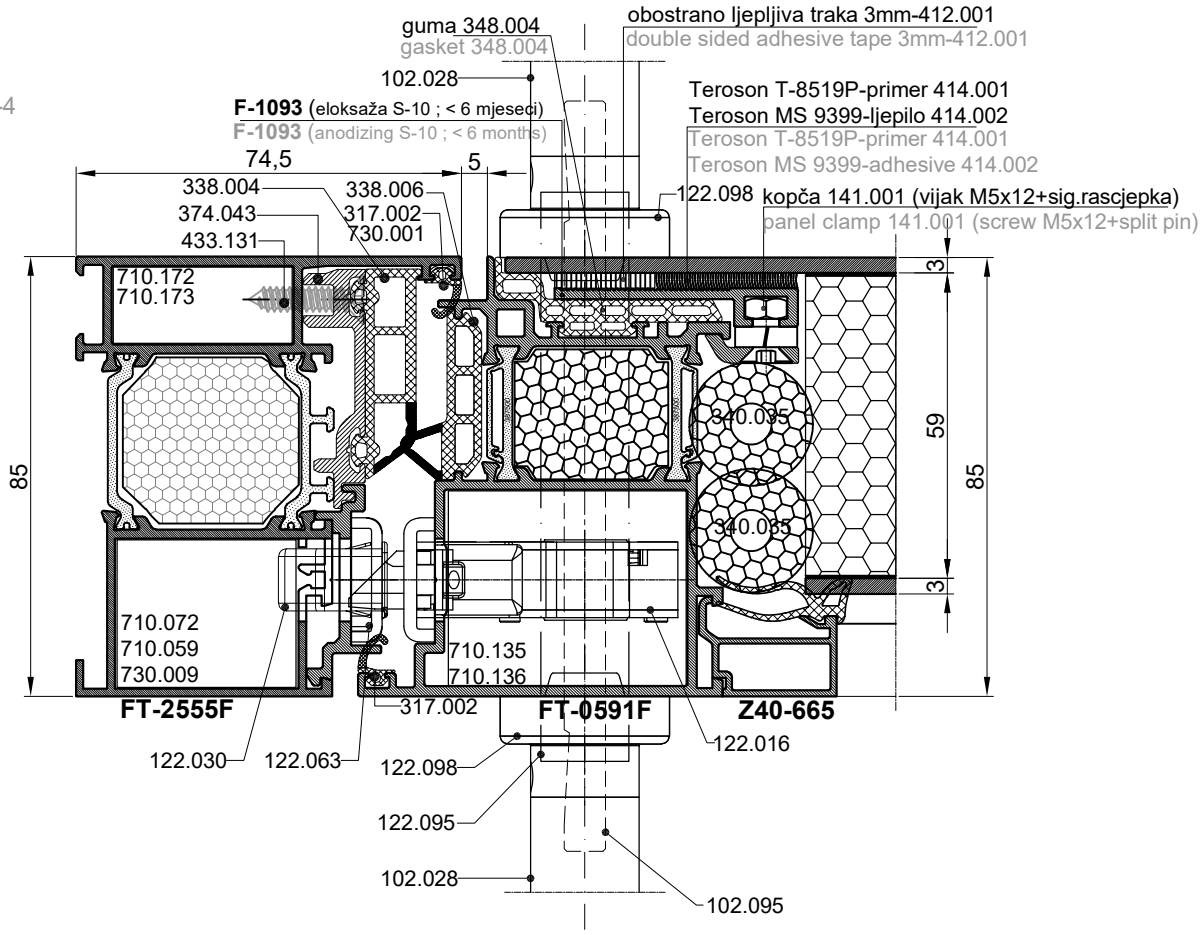
Napomena: Krilo FT-0592F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0592F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015



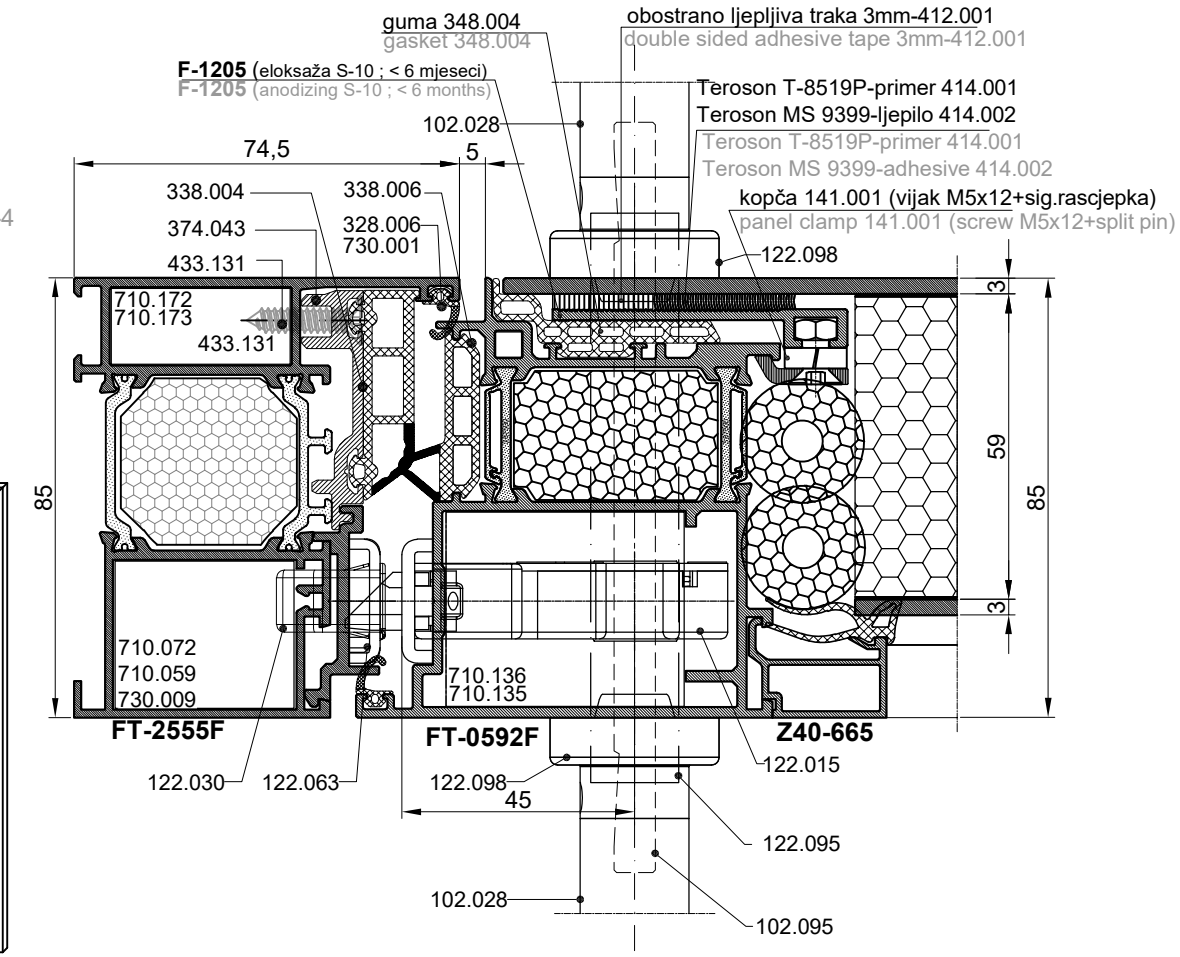
ljepilo za metal
(npr. Teroson MS 939)
metal glue
(eg. Teroson MS 939)

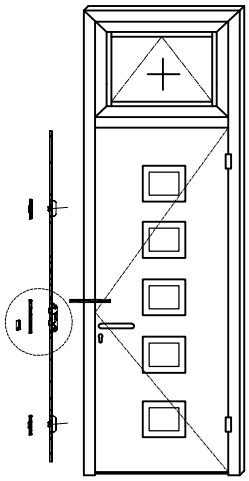
Vrata Termo 85 VP - ugradnja panela s kopčom
Door Termo 85 VP - installation of a panel with a buckle

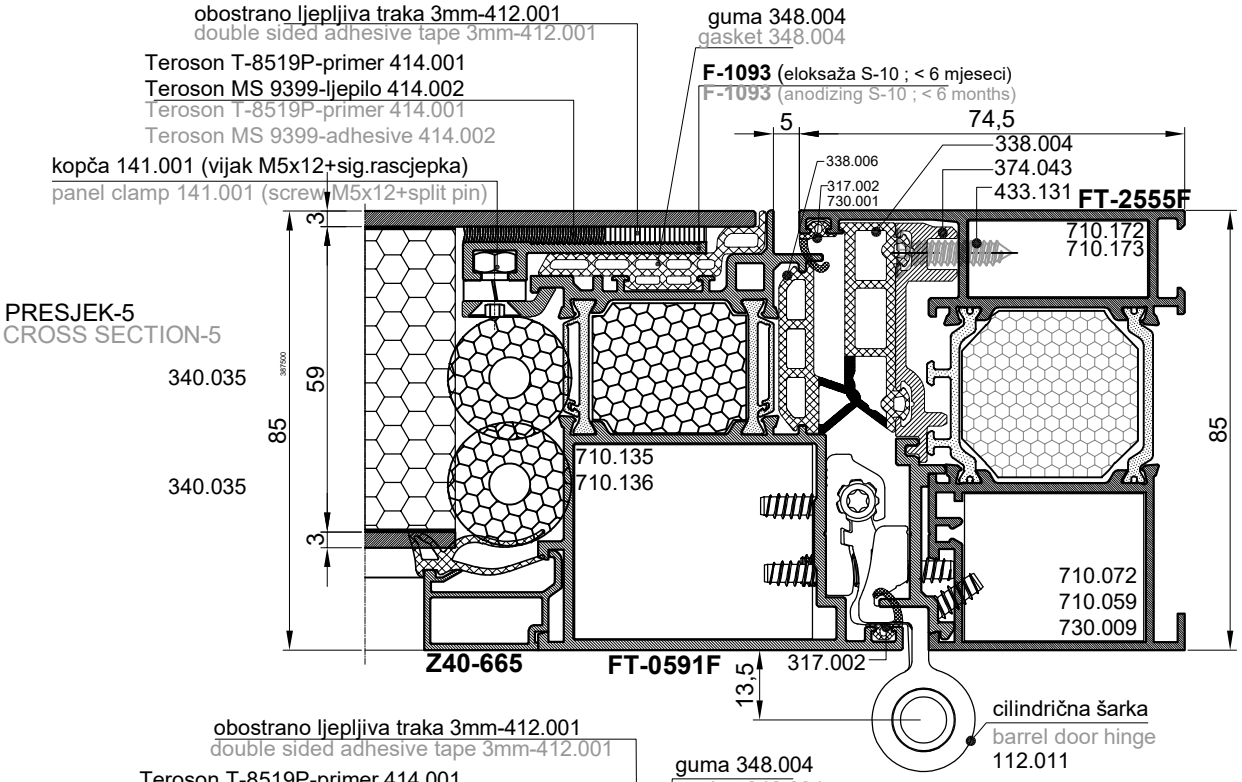
PRESJEK-4
CROSS SECTION-4

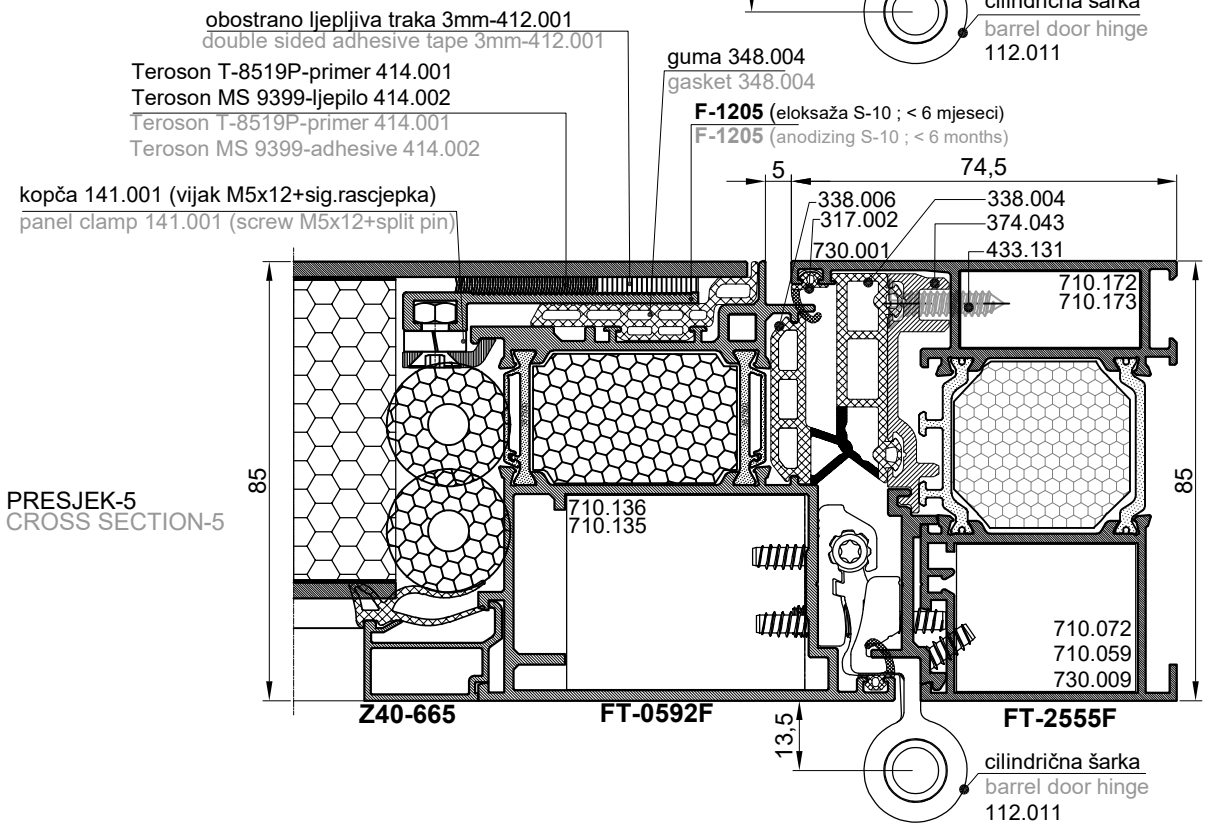


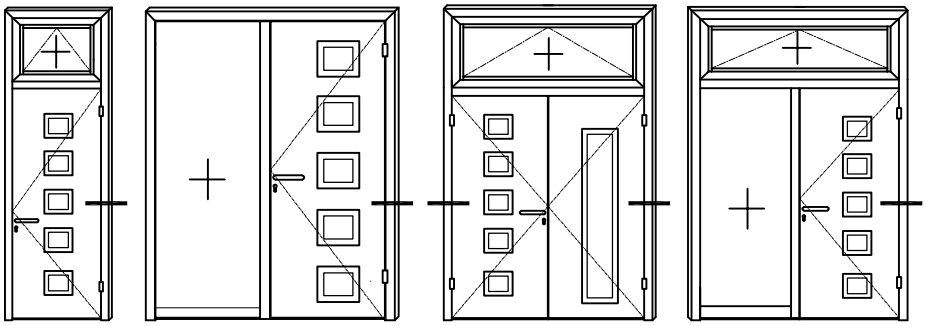
PRESJEK-4
CROSS SECTION-4



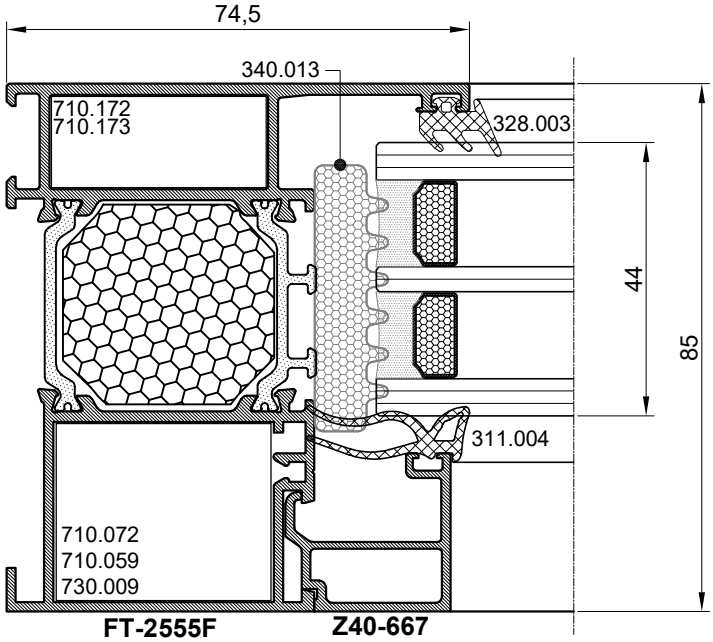


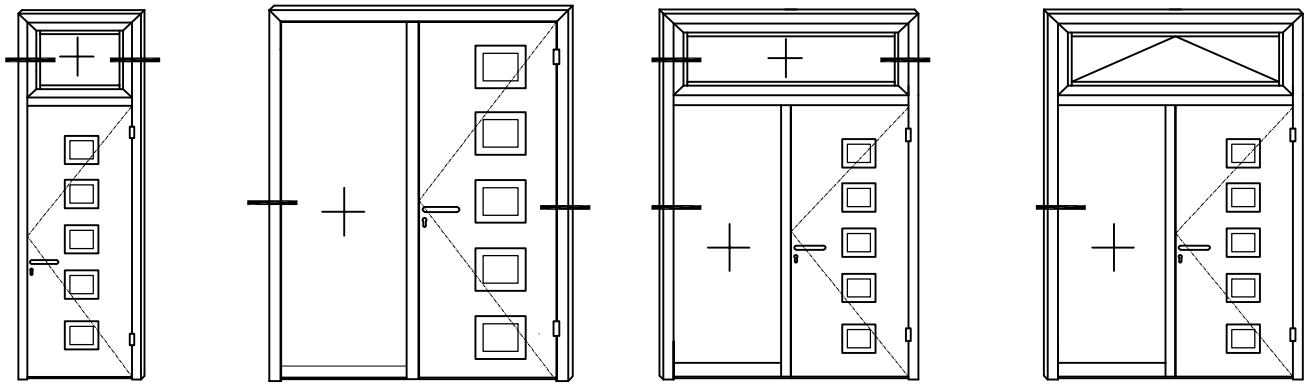

obostrano ljepljiva traka 3mm-412.001
double sided adhesive tape 3mm-412.001
Teroson T-8519P-primer 414.001
Teroson MS 9399-ljepilo 414.002
Teroson T-8519P-primer 414.001
Teroson MS 9399-adhesive 414.002
kopča 141.001 (vijak M5x12+sig.rascjepka)
panel clamp 141.001 (screw M5x12+split pin)
guma 348.004
gasket 348.004
F-1093 (eloksaža S-10 ; < 6 mjeseci)
F-1093 (anodizing S-10 ; < 6 months)
5
74,5
338.006
317.002
730.001
338.004
374.043
433.131
FT-2555F
710.172
710.173
PRESJEK-5
CROSS SECTION-5
340.035
340.035
3
59
85
3
710.135
710.136
710.072
710.059
730.009
85
Z40-665
FT-0591F
13,5
317.002
cilindrična šarka
barrel door hinge
112.011

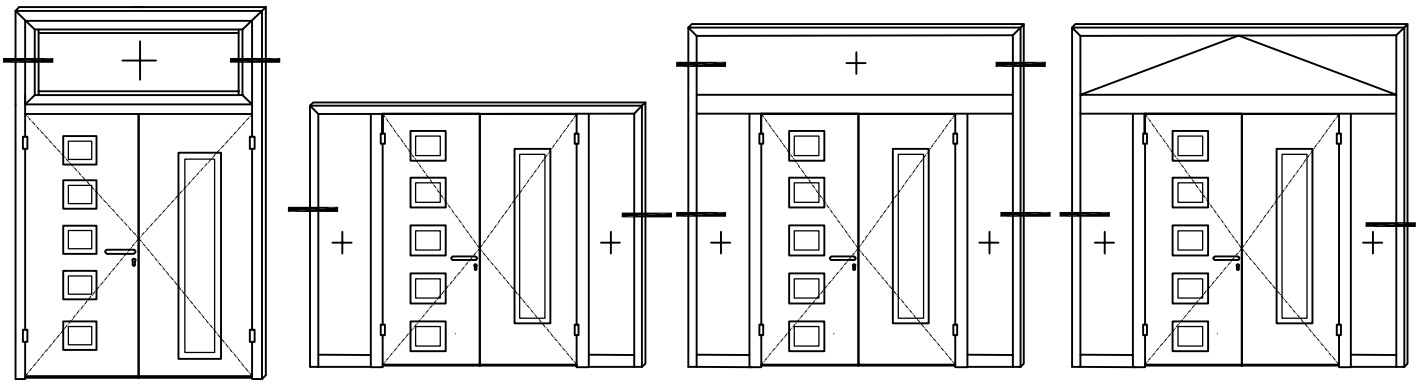

obostrano ljepljiva traka 3mm-412.001
double sided adhesive tape 3mm-412.001
Teroson T-8519P-primer 414.001
Teroson MS 9399-ljepilo 414.002
Teroson T-8519P-primer 414.001
Teroson MS 9399-adhesive 414.002
kopča 141.001 (vijak M5x12+sig.rascjepka)
panel clamp 141.001 (screw M5x12+split pin)
guma 348.004
gasket 348.004
F-1205 (eloksaža S-10 ; < 6 mjeseci)
F-1205 (anodizing S-10 ; < 6 months)
5
74,5
338.006
317.002
730.001
338.004
374.043
433.131
710.172
710.173
PRESJEK-5
CROSS SECTION-5
85
710.136
710.135
710.072
710.059
730.009
85
Z40-665
FT-0592F
FT-2555F
13,5
cilindrična šarka
barrel door hinge
112.011



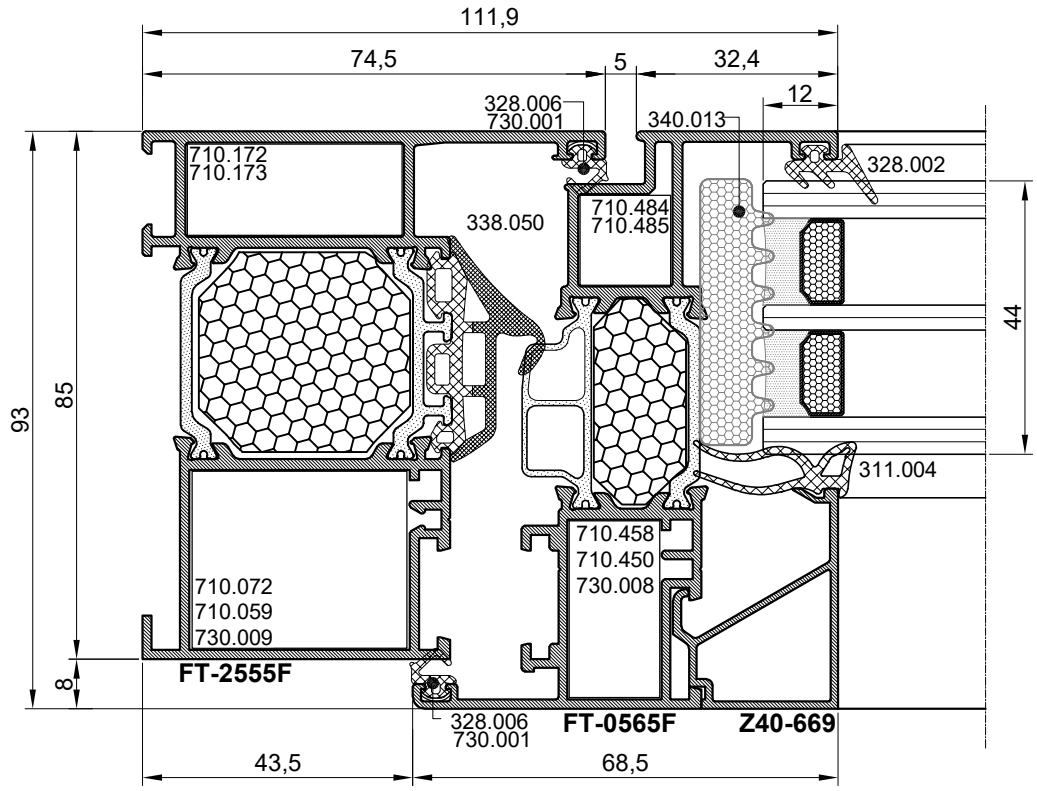
PRESJEK-6
CROSS SECTION-6

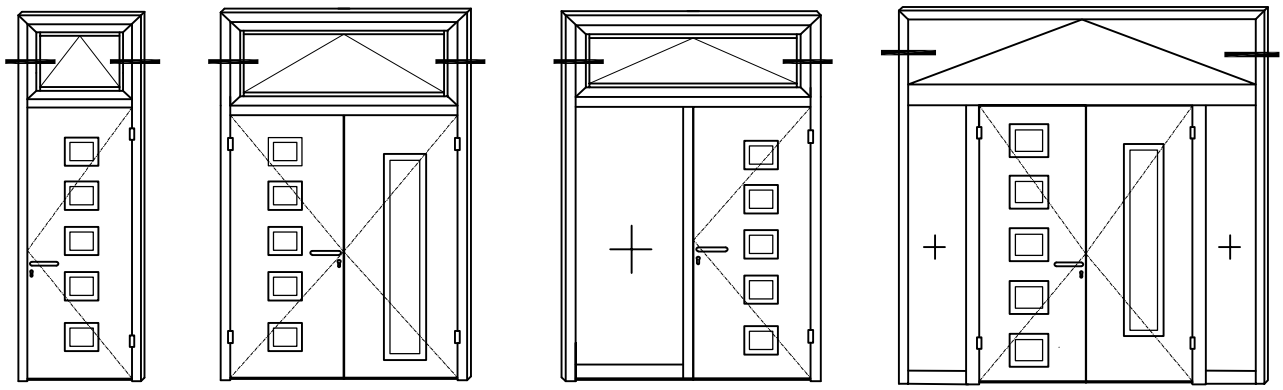




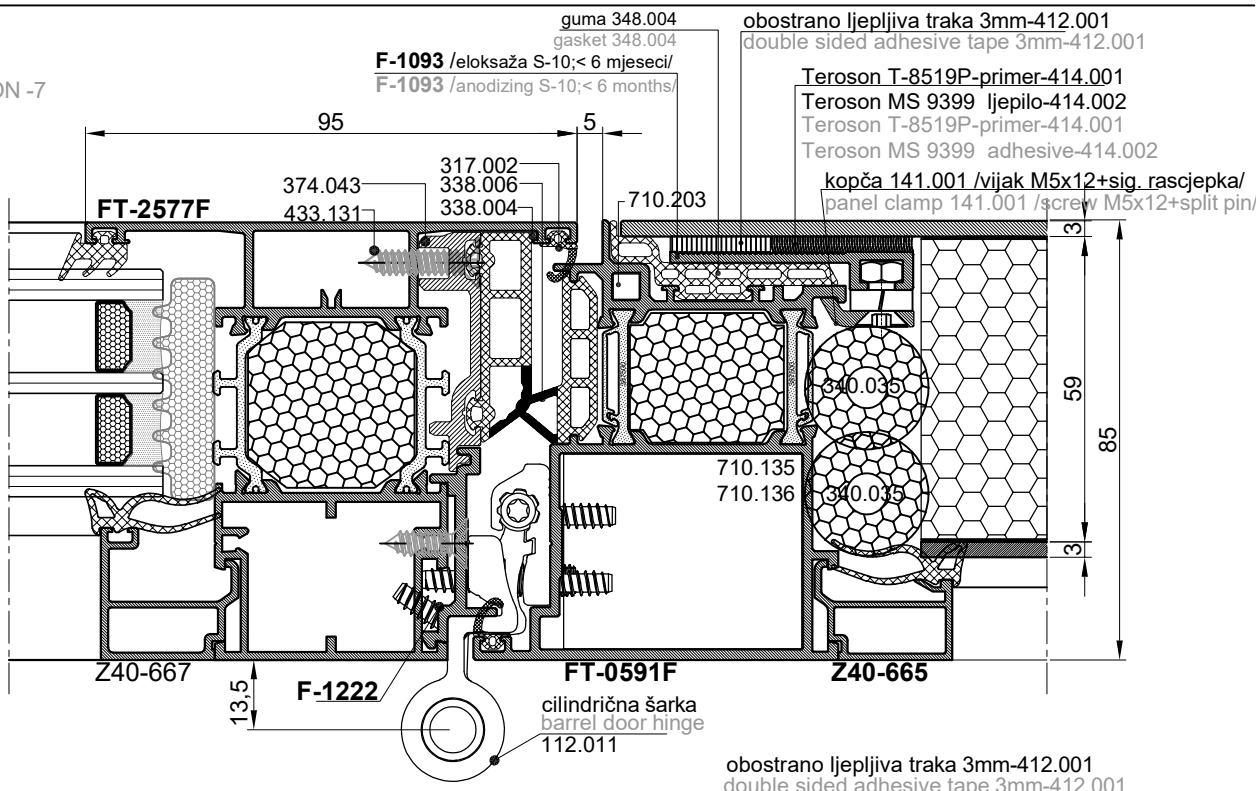


PRESJEK-6A
CROSS SECTION-6A

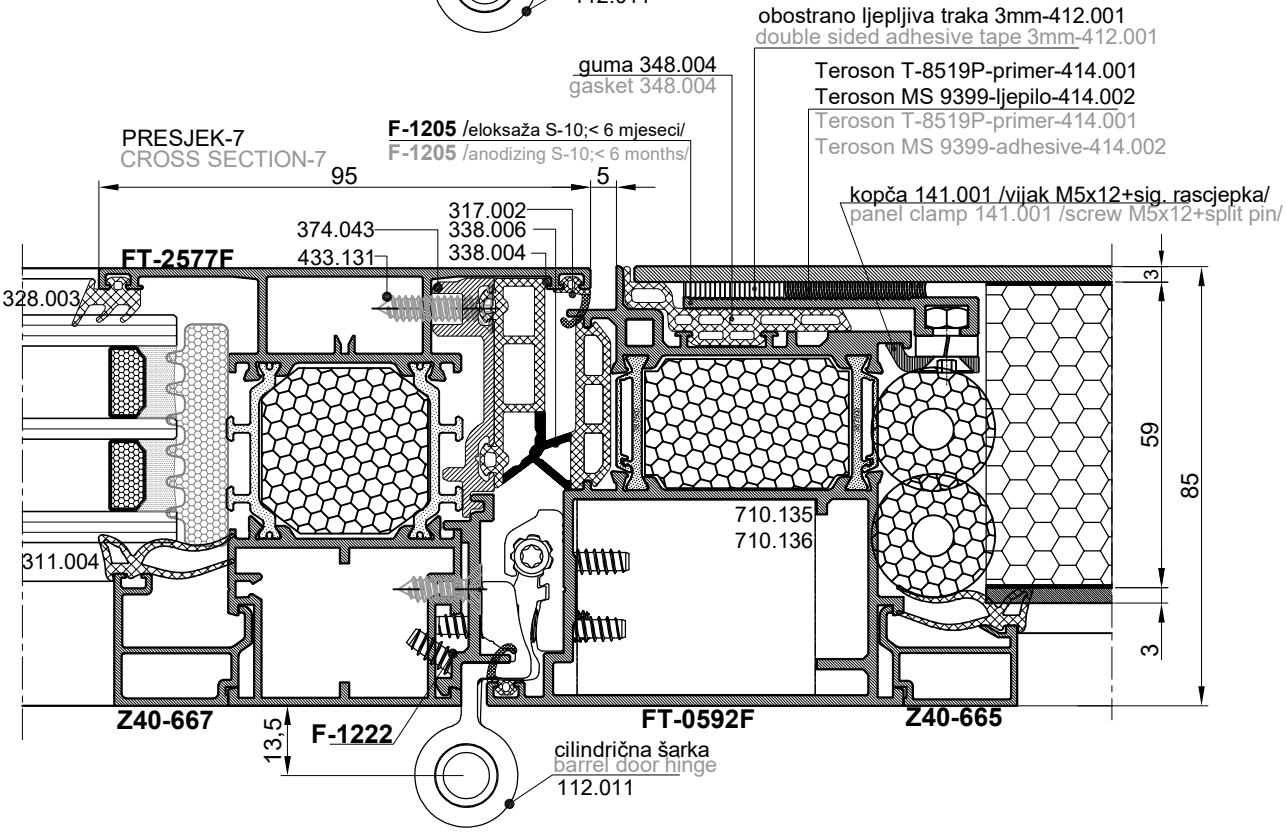


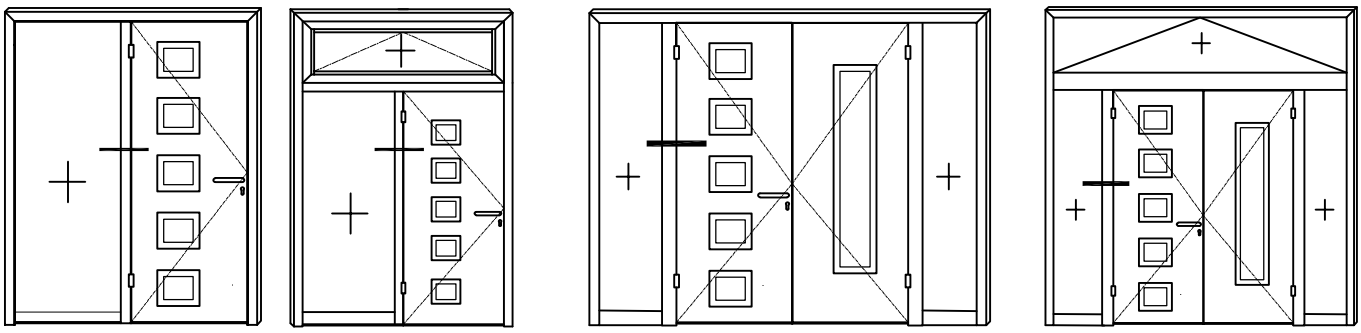


PRESJEK-7
CROSS SECTION -7

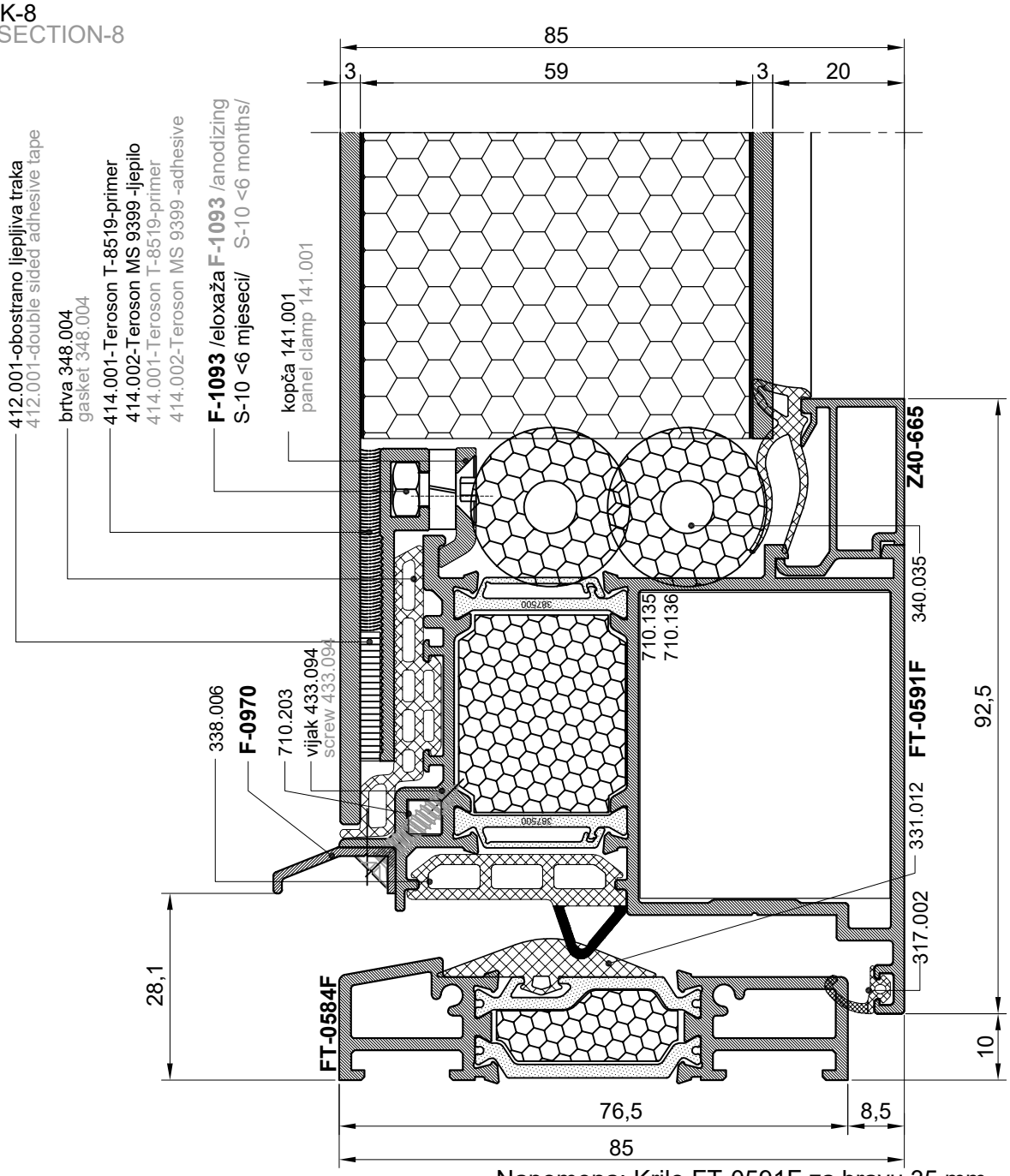


PRESJEK-7
CROSS SECTION-7

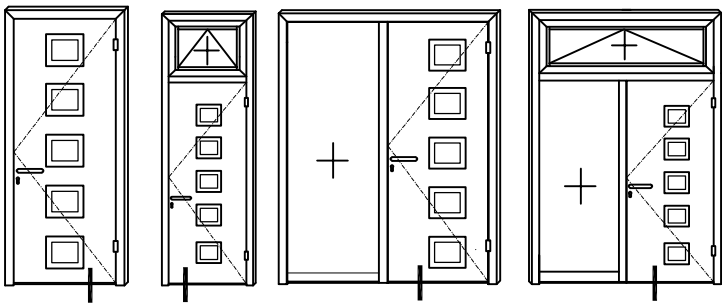




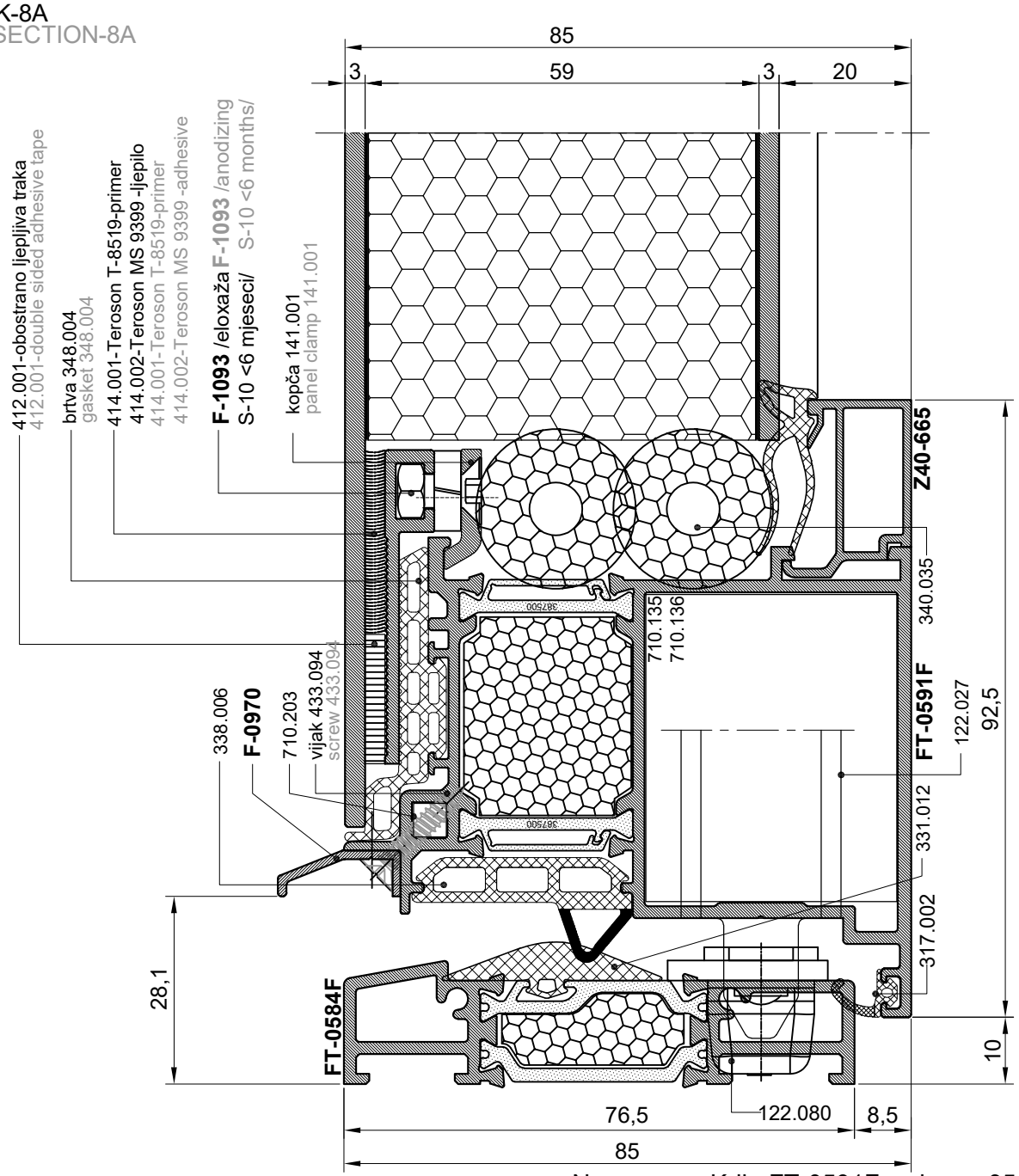
PRESJEK-8
CROSS SECTION-8



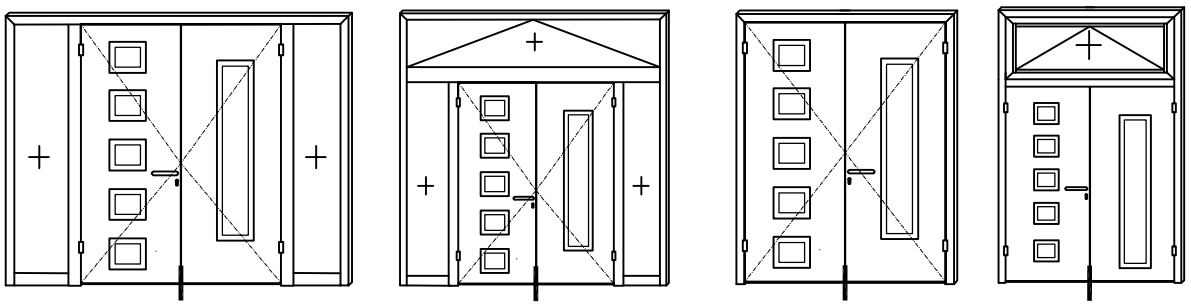
Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock -backset 35 mm



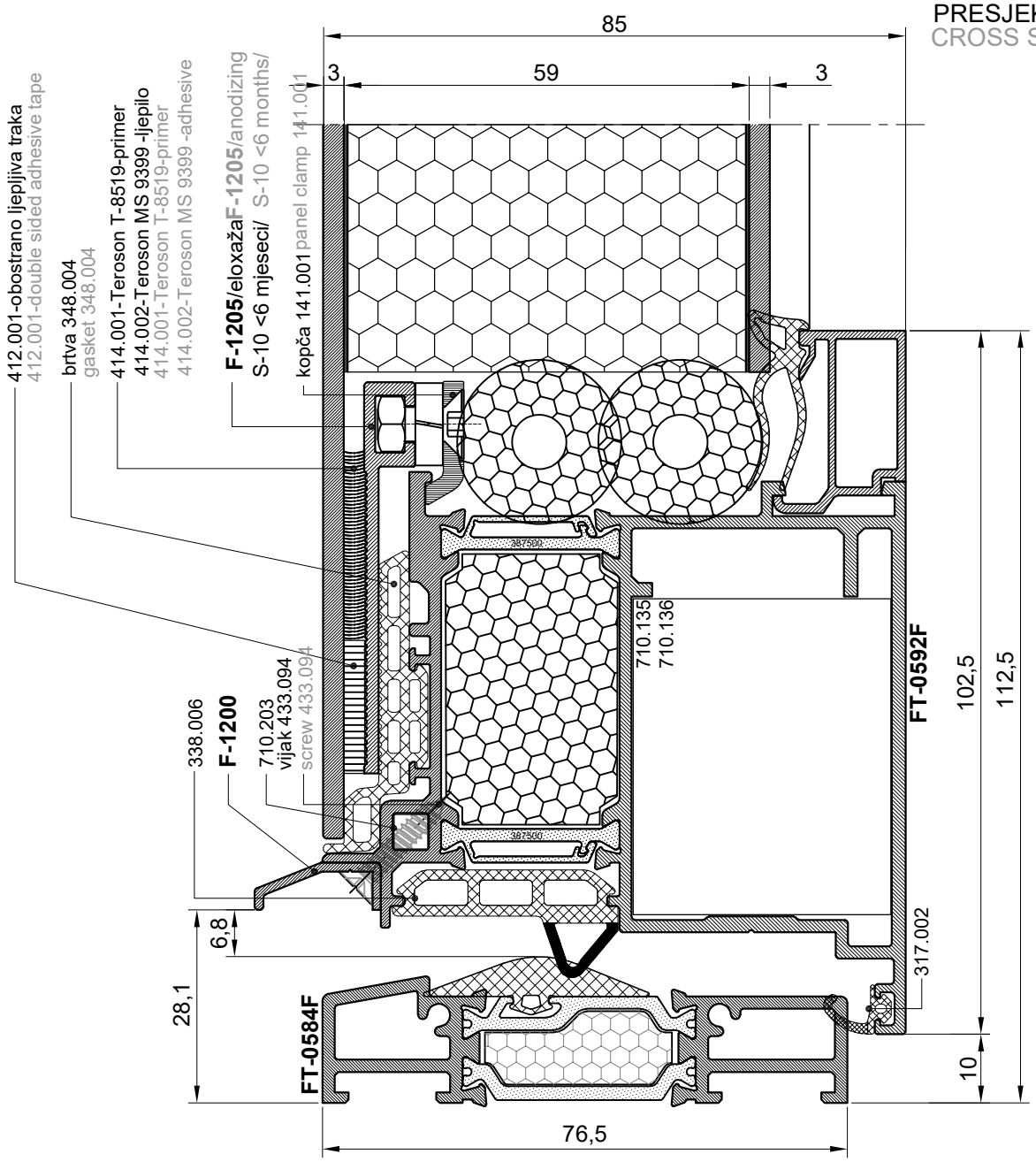
PRESJEK-8A
CROSS SECTION-8A



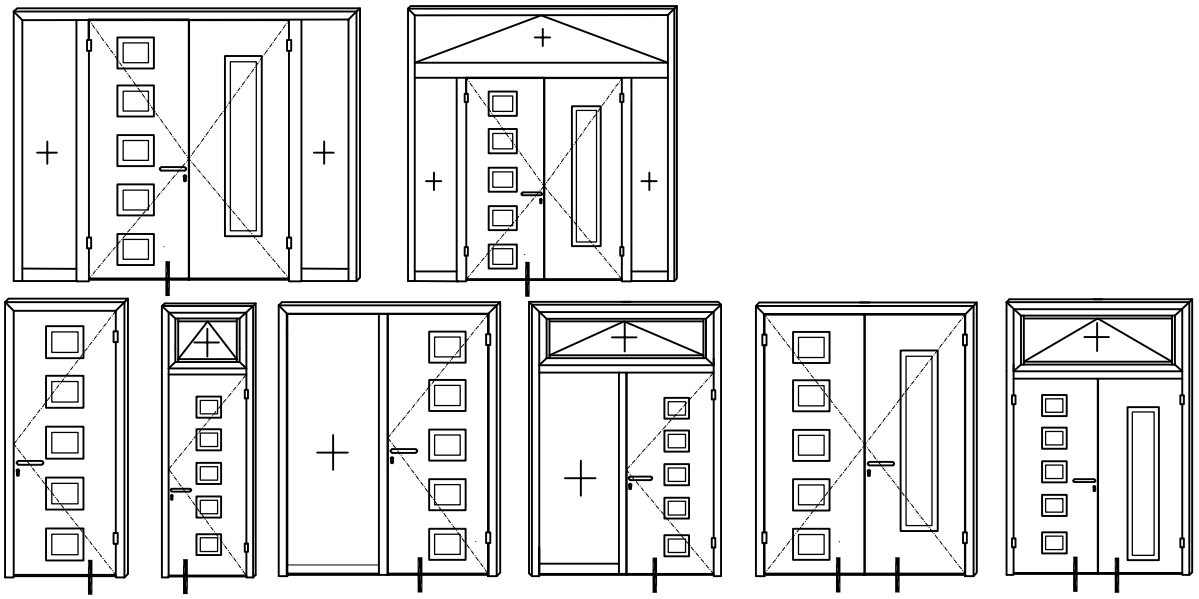
Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock -backset 35 mm



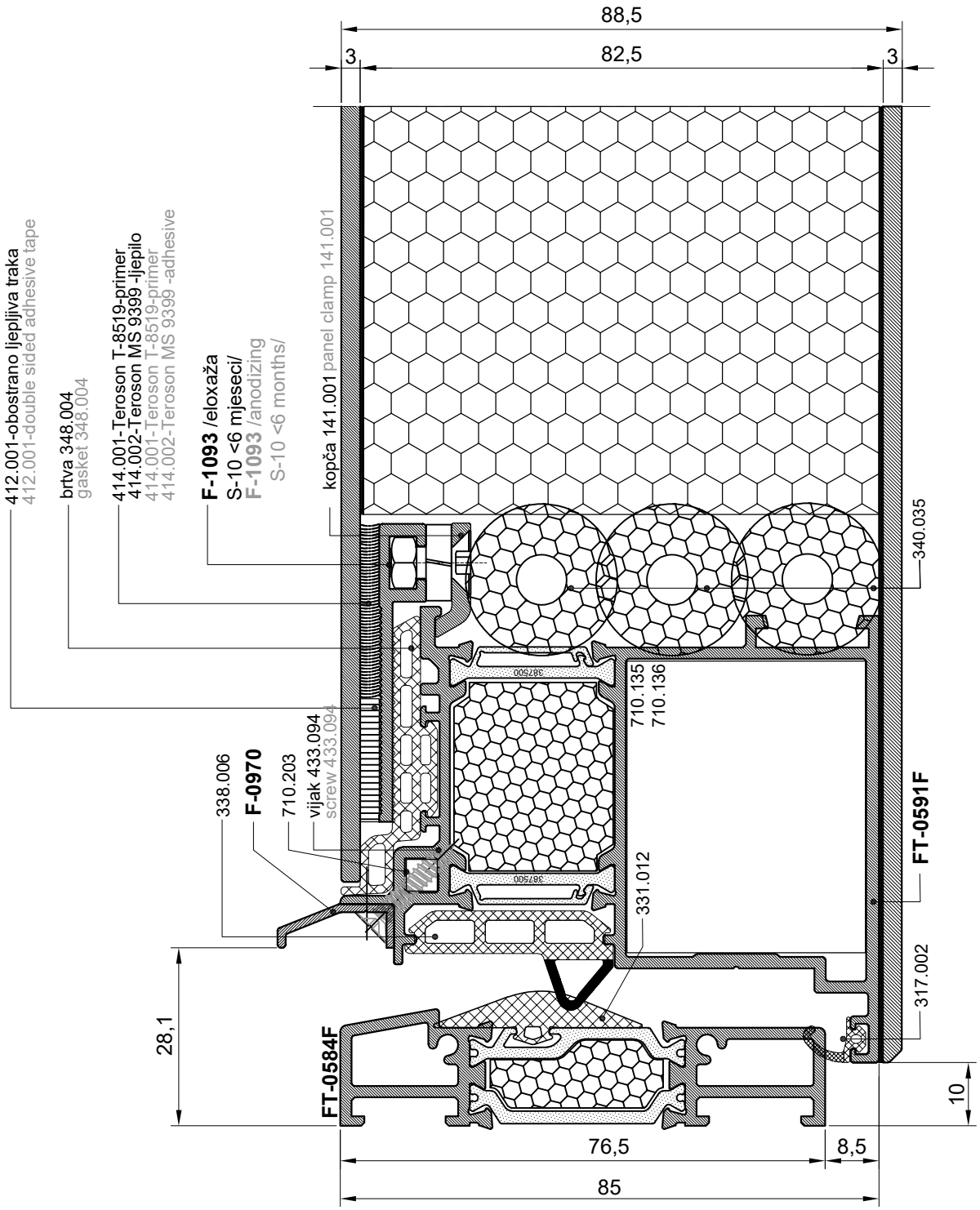
PRESJEK-8
CROSS SECTION-8

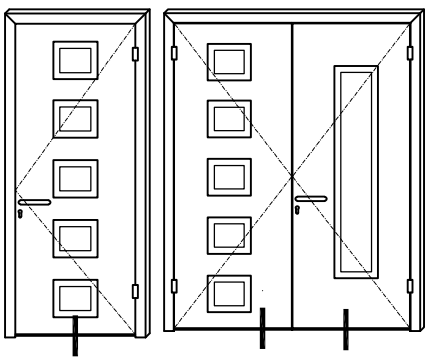


Napomena: Krilo FT-0592F za bravu 45 mm
Remark: Sash FT-0592F for lock -backset 45 mm



PRESJEK-8
CROSS SECTION-8

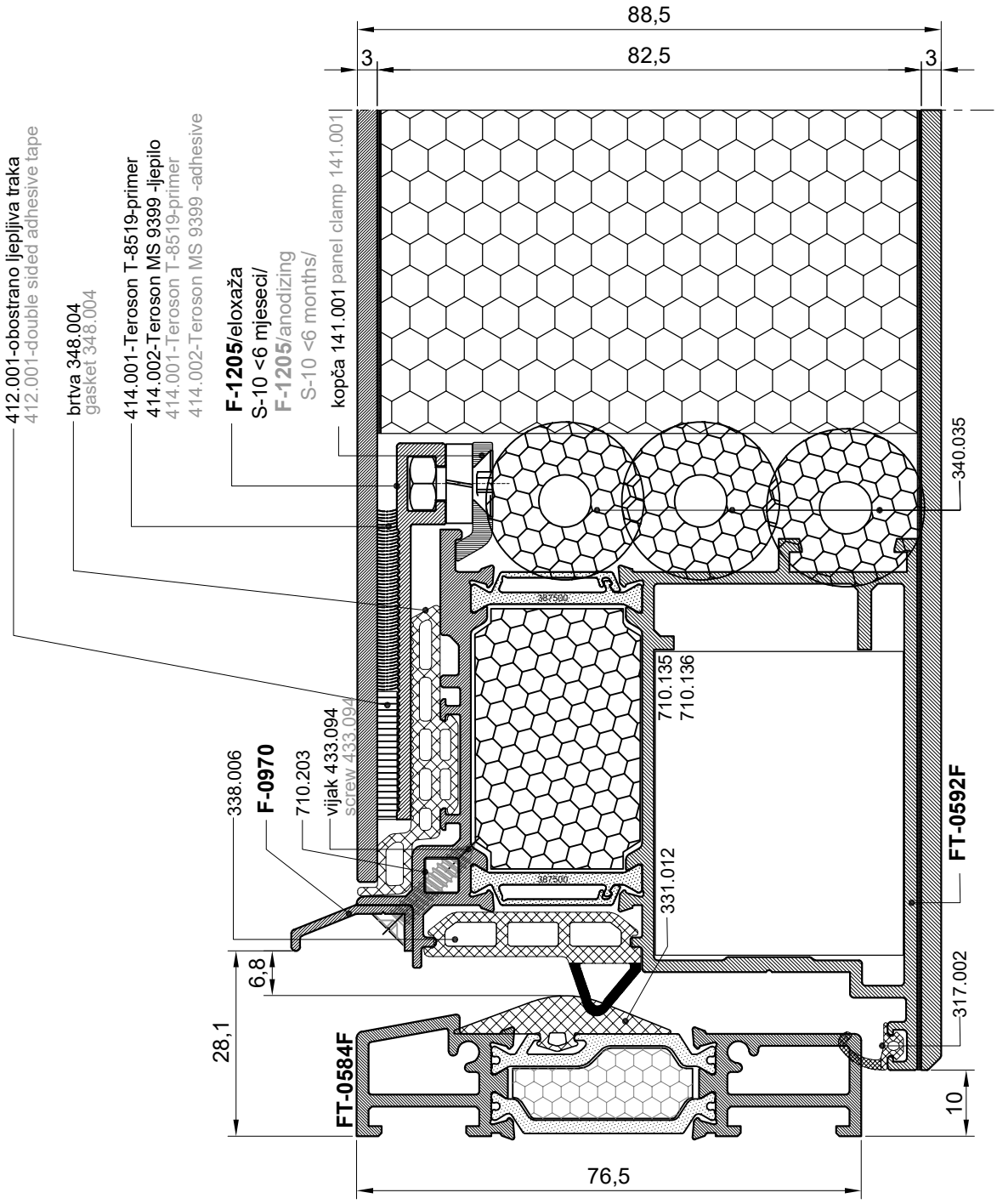


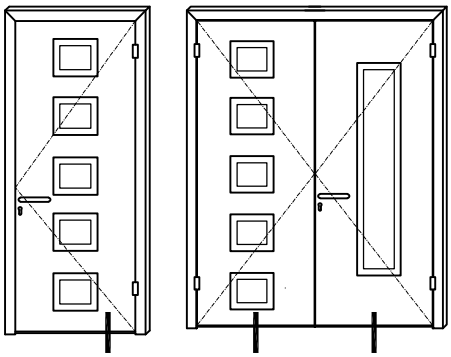


Napomena: Krilo FT-0591F za bravu 35 mm
ram FT-0556 F (ravna linija unutarnjeg lima)

Remark: Sash FT-0591F for lock -backset 35 mm
frame FT-0556 F (flat line inside sheet)

PRESJEK-8
CROSS SECTION-8

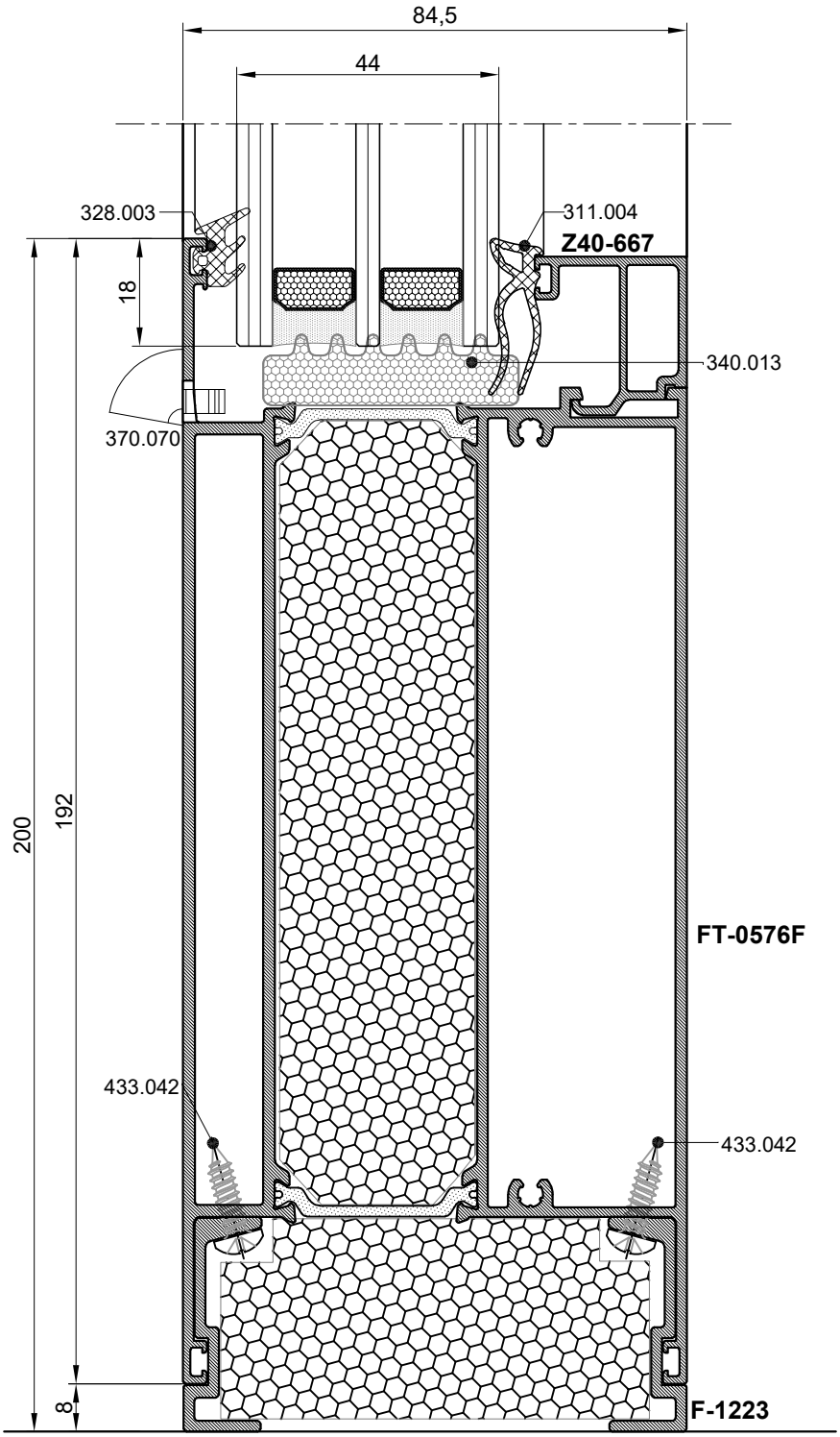


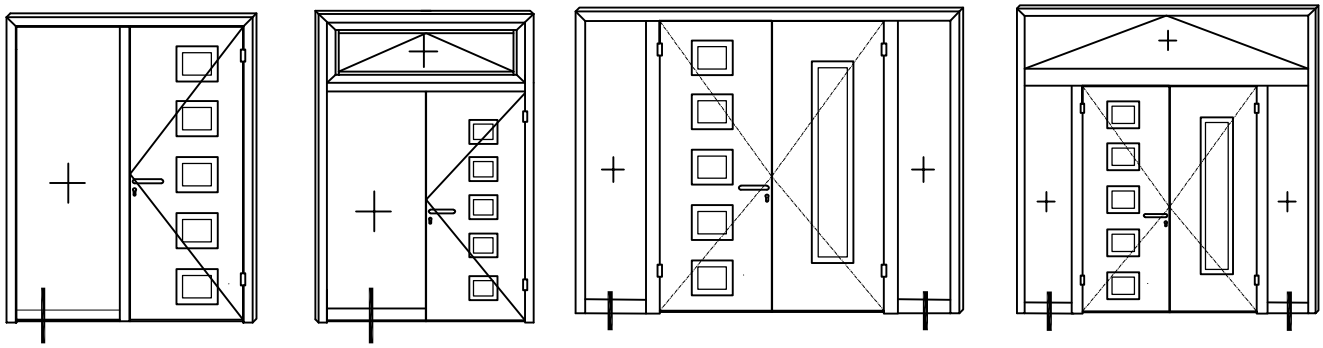


Napomena: Krilo FT-0592F za bravu 45 mm
ram FT-0556 F (ravna linija unutarnjeg lima)

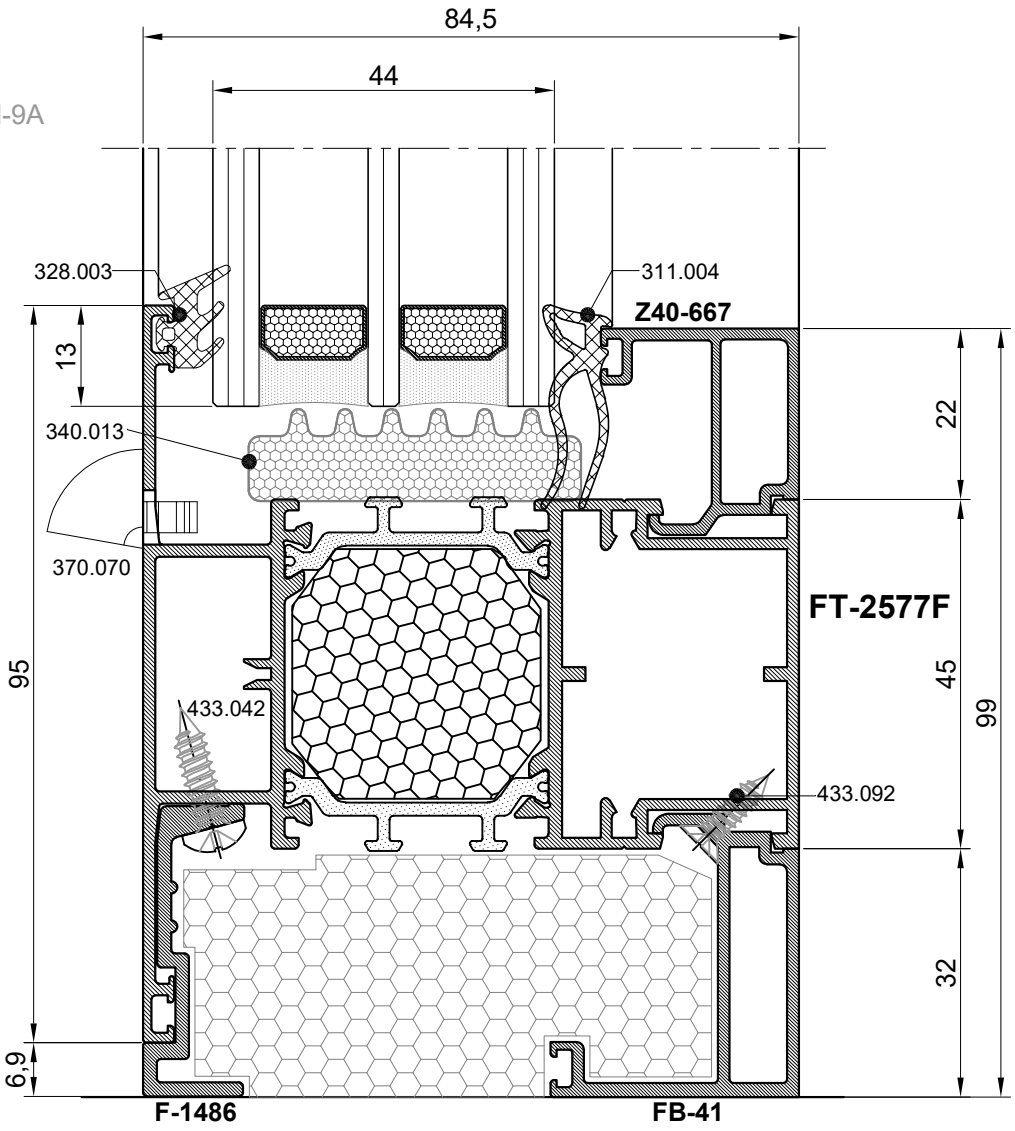
Remark: Sash FT-0592F for lock -backset 45 mm
frame FT-0556 F (flat line inside sheet)

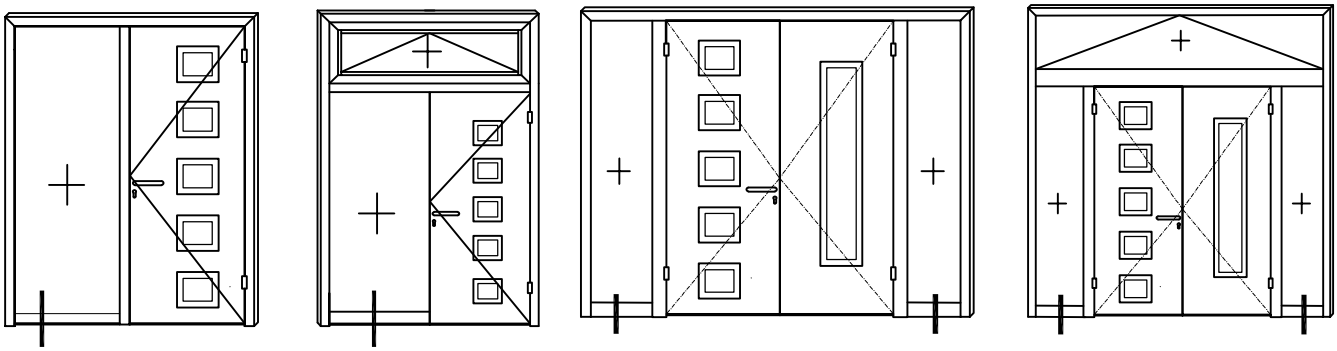
PRESJEK-9
CROSS SECTION-9



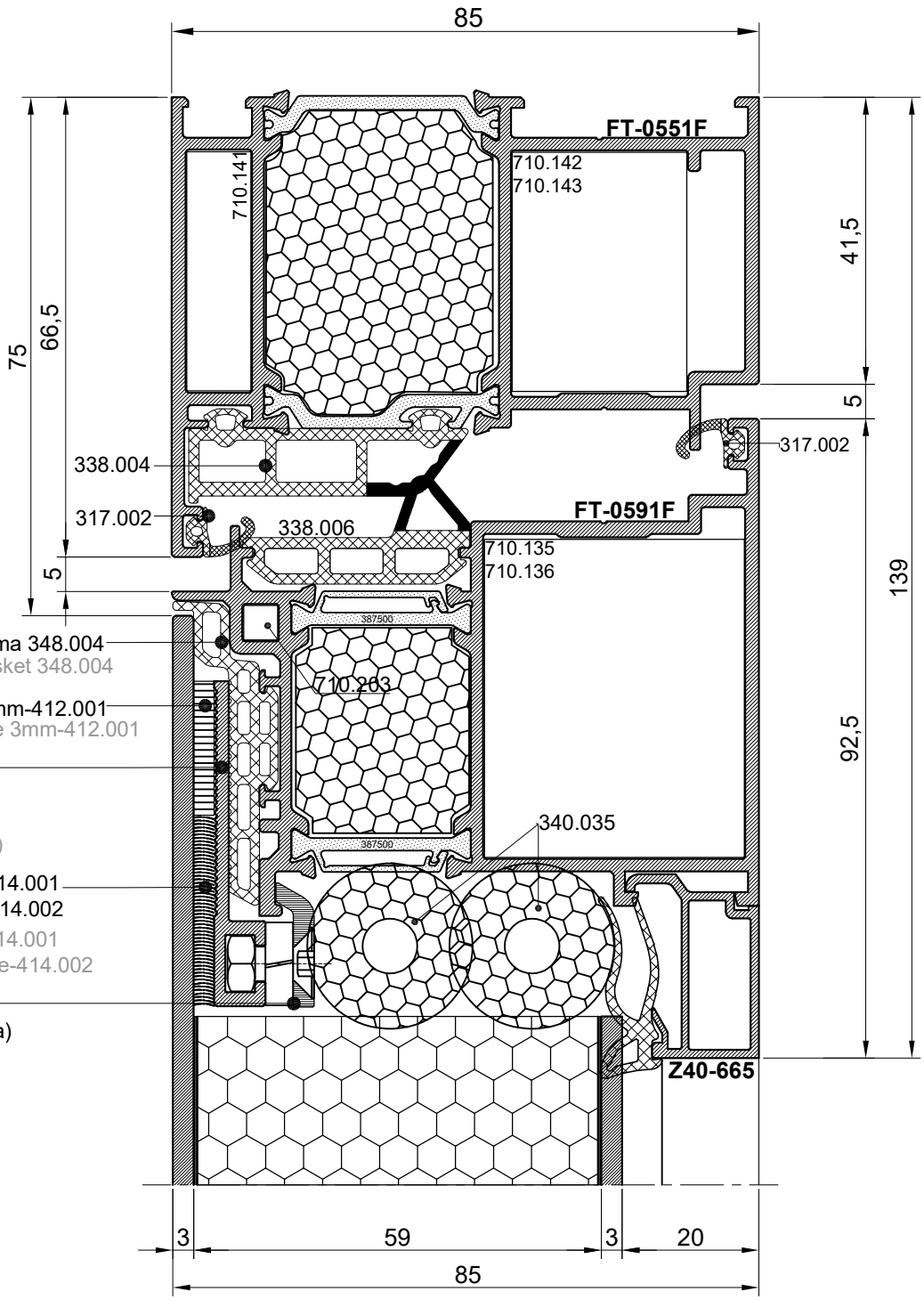


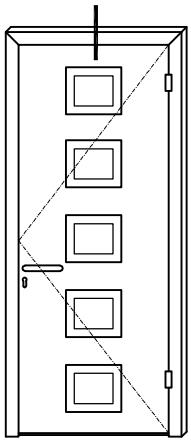
PRESJEK-9A
CROSS SECTION-9A





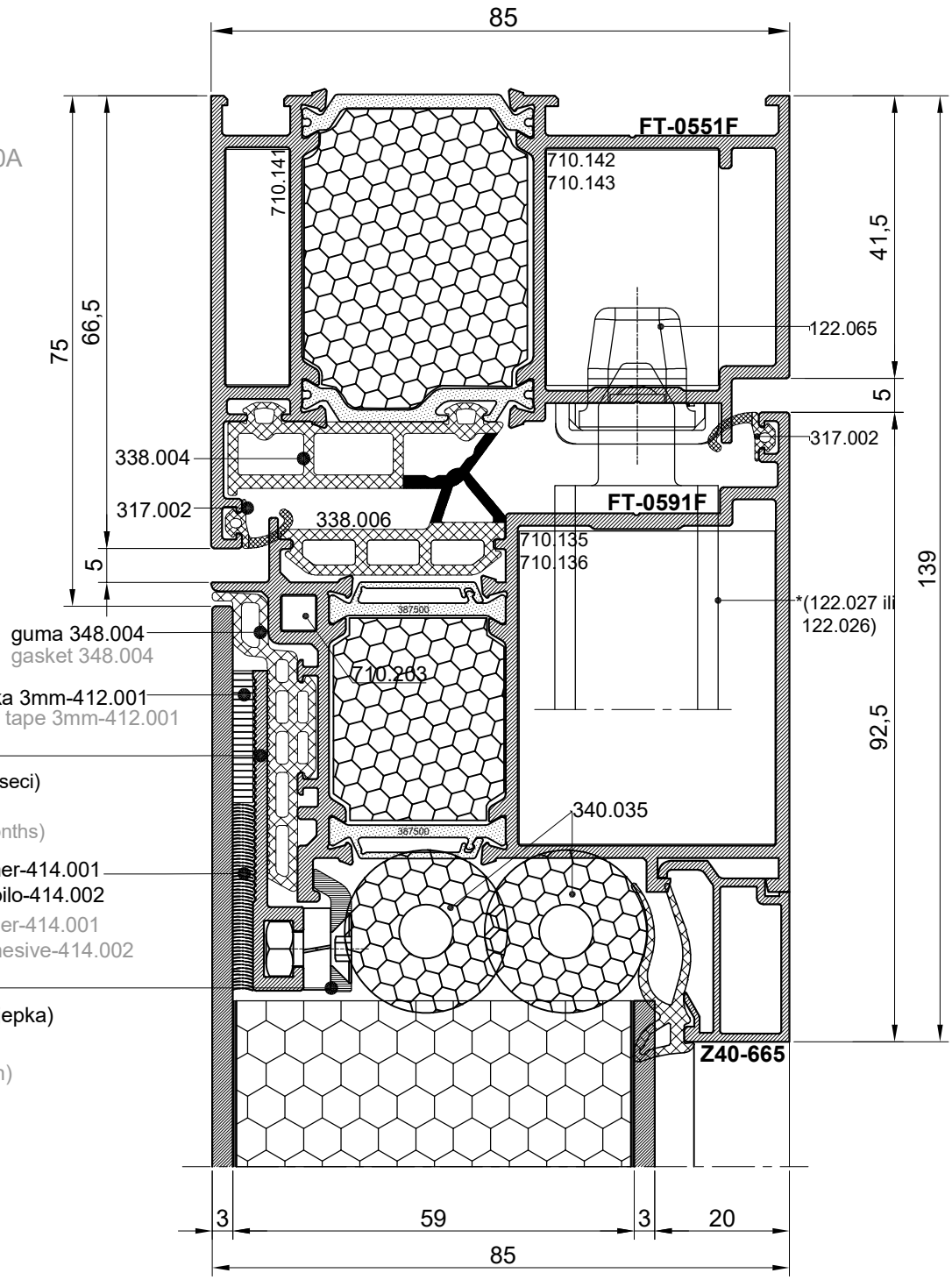
PRESJEK-10
CROSS SECTION-10

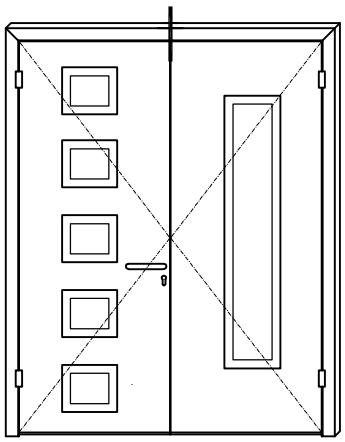




Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm

PRESJEK-10A
CROSS SECTION-10A

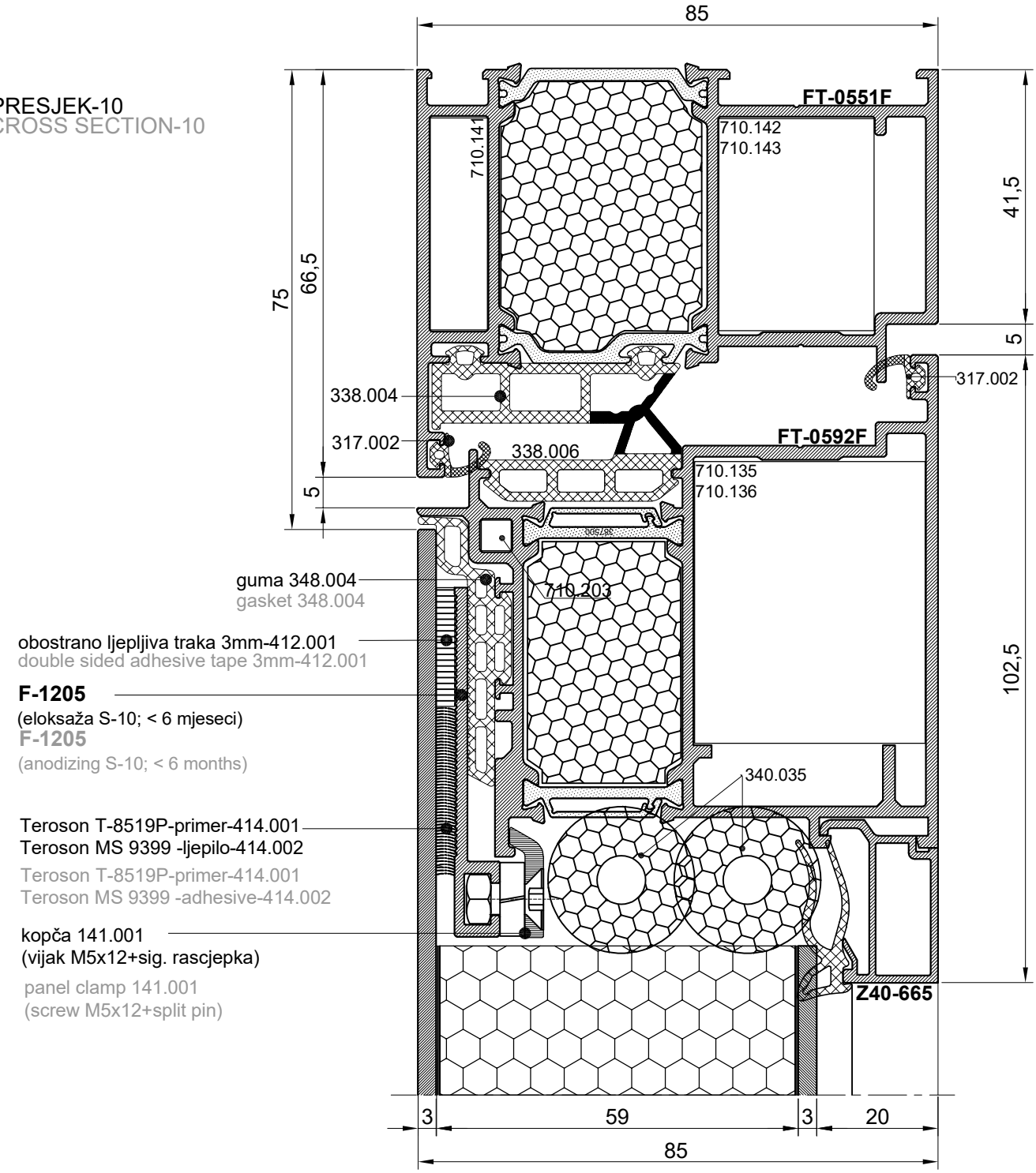


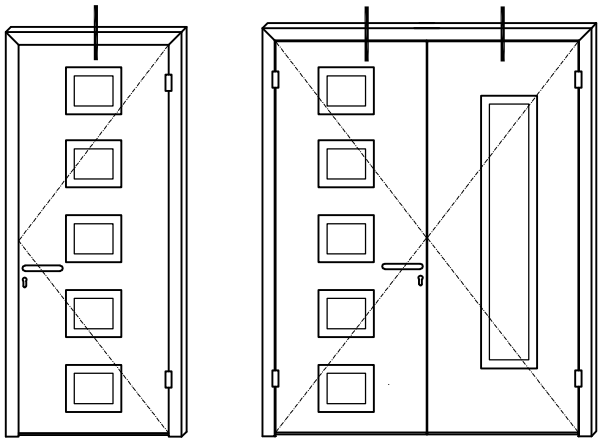


* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata.
Za više informacija pogledajte poglavlje mehanizmi.
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm

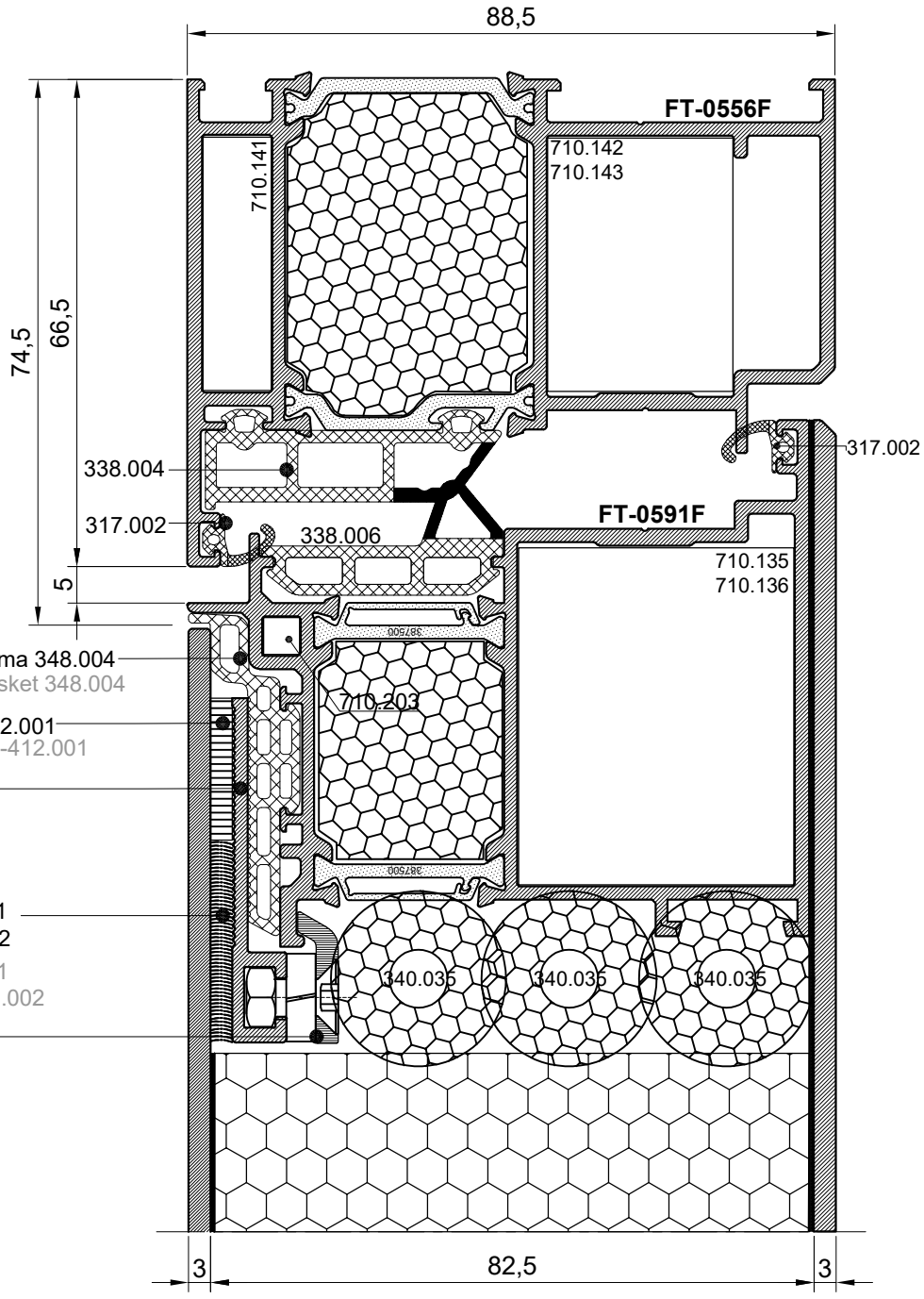
PRESJEK-10
CROSS SECTION-10

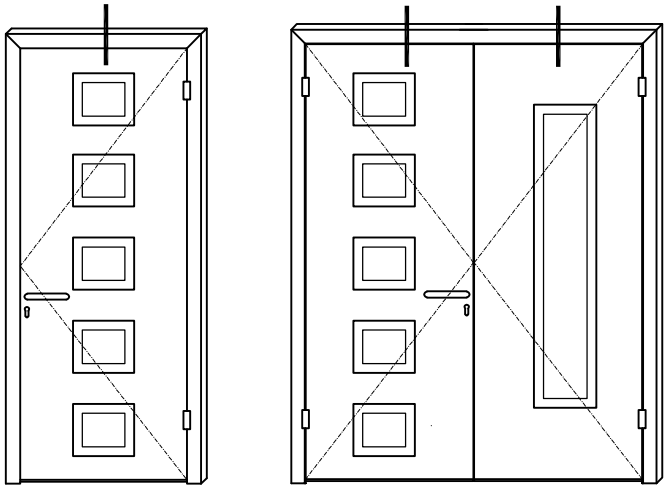




Napomena: Krilo FT-0592F za bravu 45 mm
Remark: Sash FT-0592F for lock 45 mm

PRESJEK-10
CROSS SECTION-10

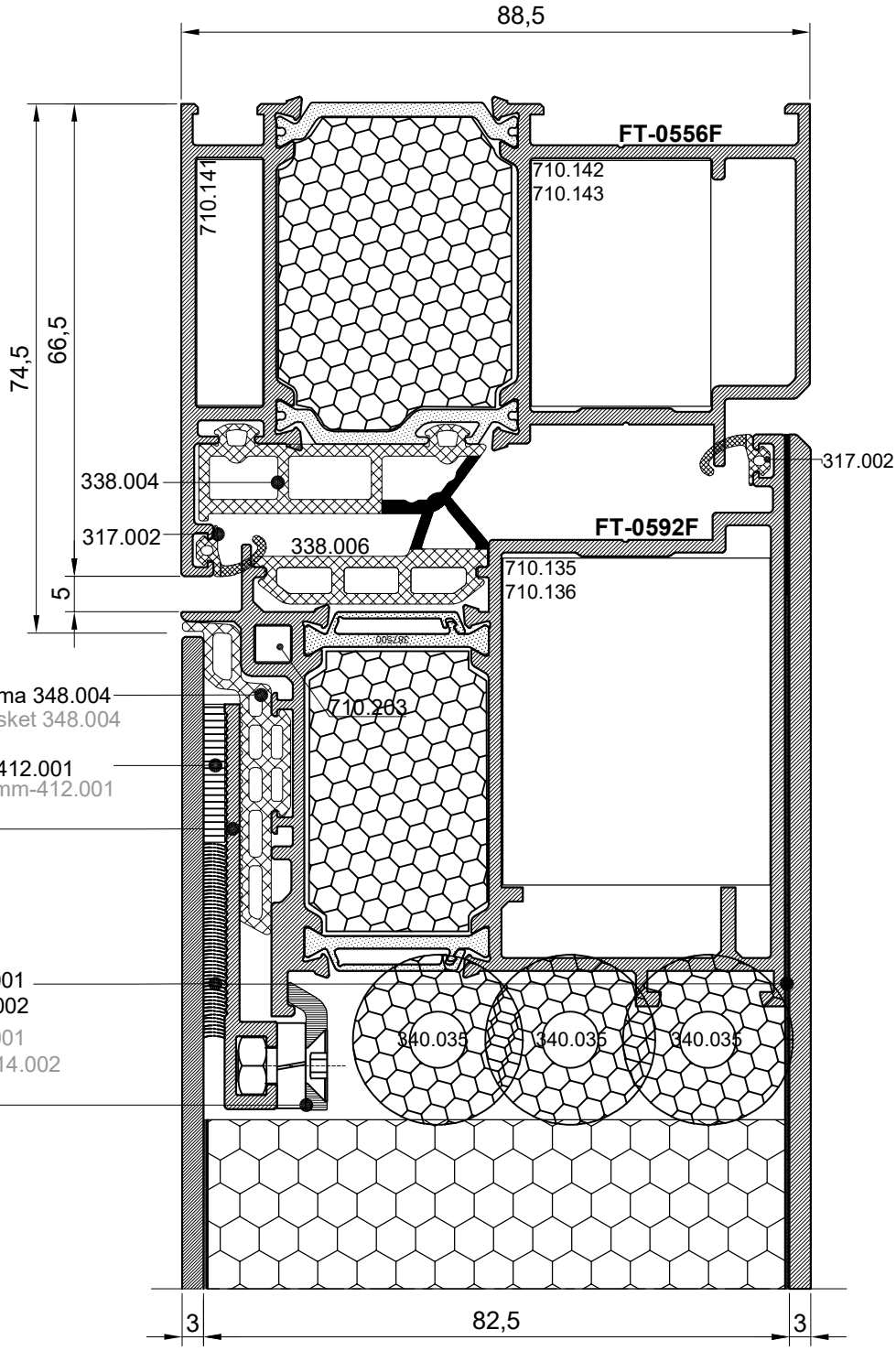


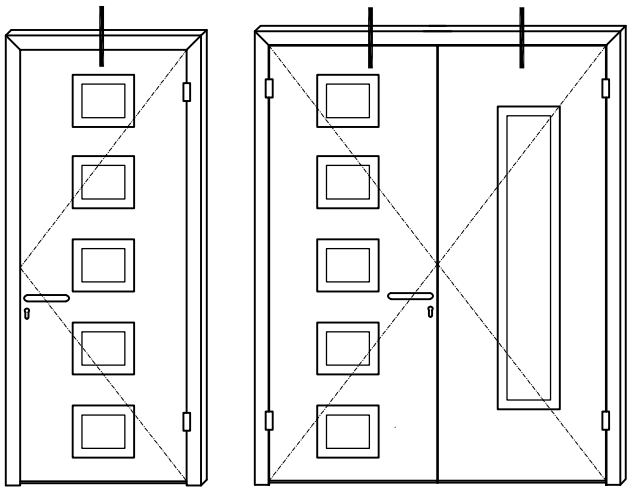


Napomena: Krilo FT-0591F za bravu 35 mm
ram FT-0556F (ravna linija unutarnjeg lima)

Remark: Sash FT-0591F for lock 35 mm
frame FT-0556F (flat line inside sheet)

PRESJEK-10
CROSS SECTION-10

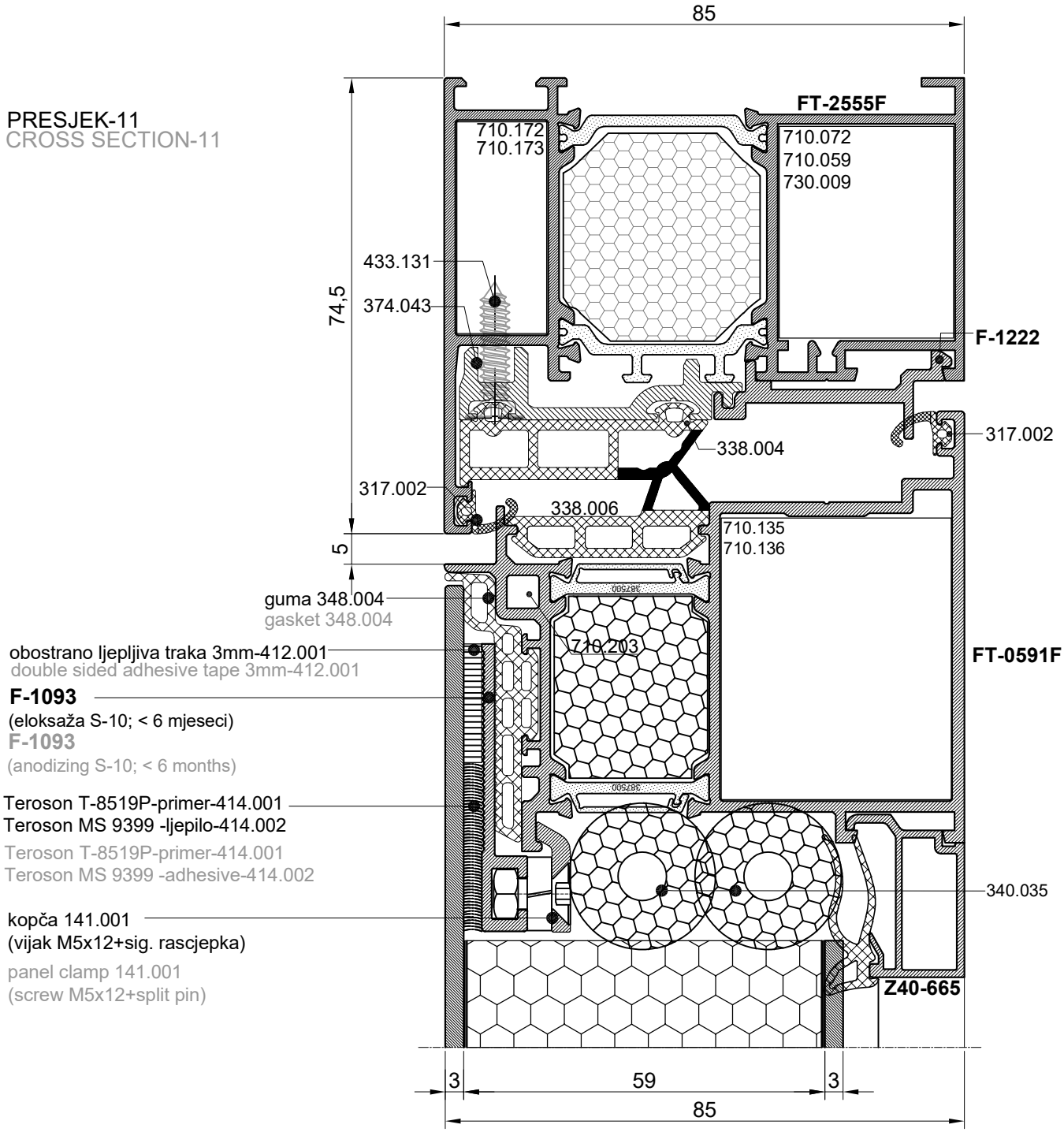


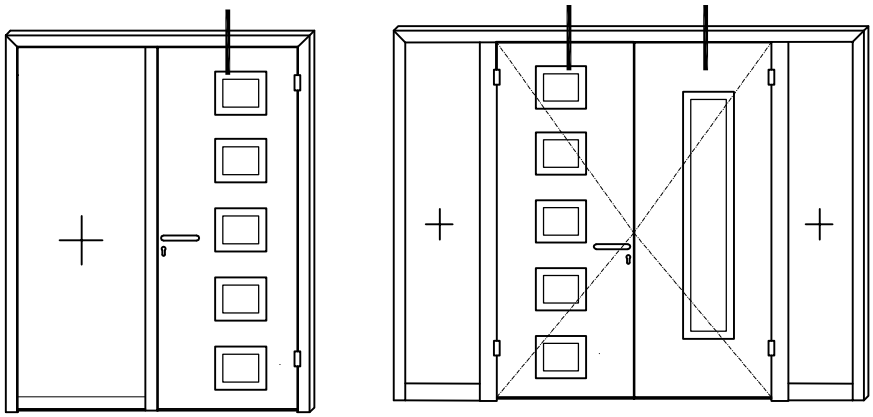


Napomena: Krilo FT-0592F za bravu 45 mm
ram FT-0556F (ravna linija unutarnjeg lima)

Remark: Sash FT-0592F for lock 45 mm
frame FT-0556F (flat line inside sheet)

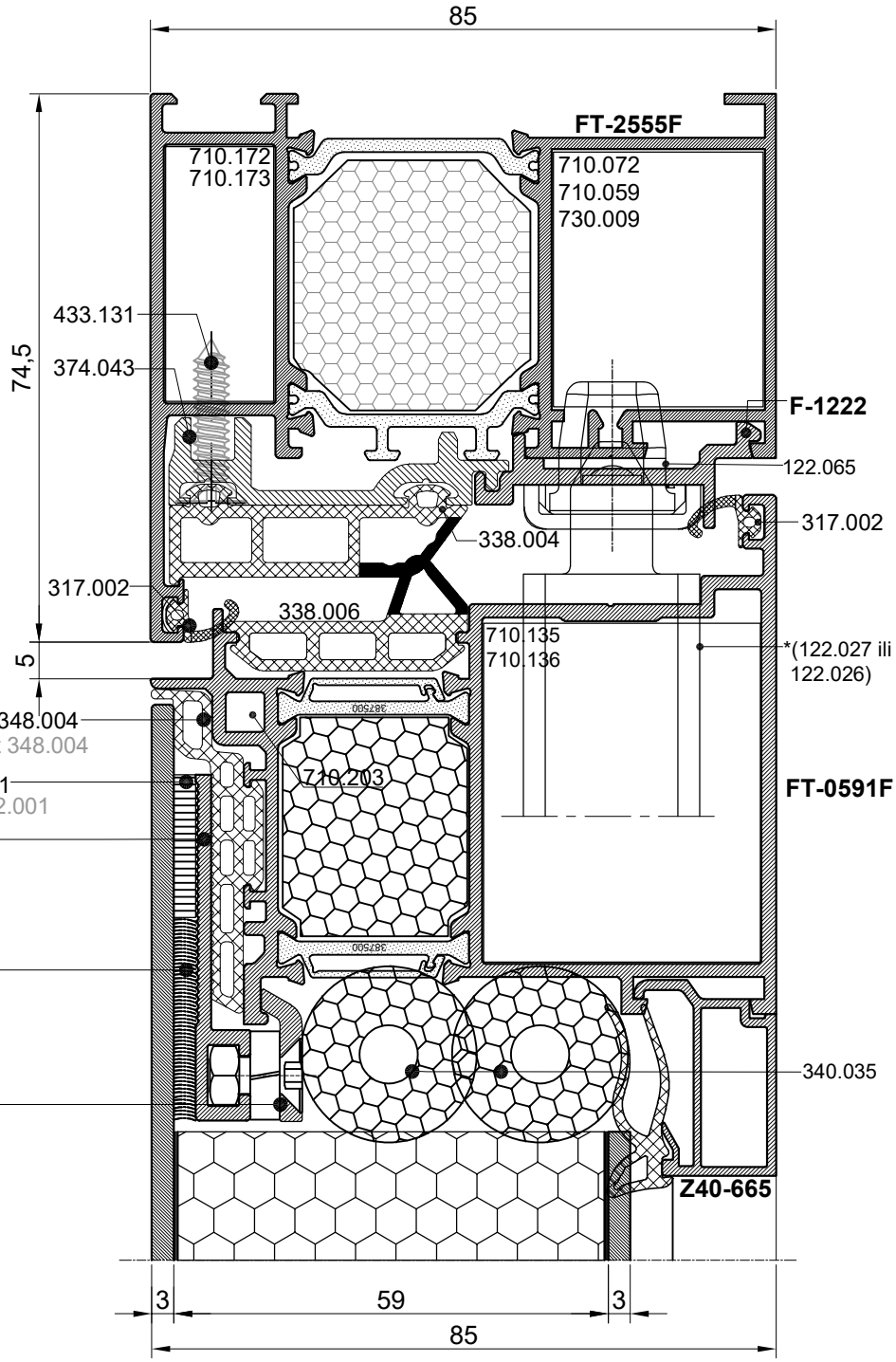
PRESJEK-11
CROSS SECTION-11



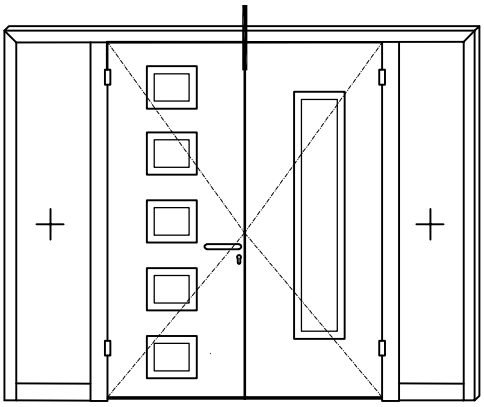


Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm

PRESJEK-11A
CROSS SECTION-11A



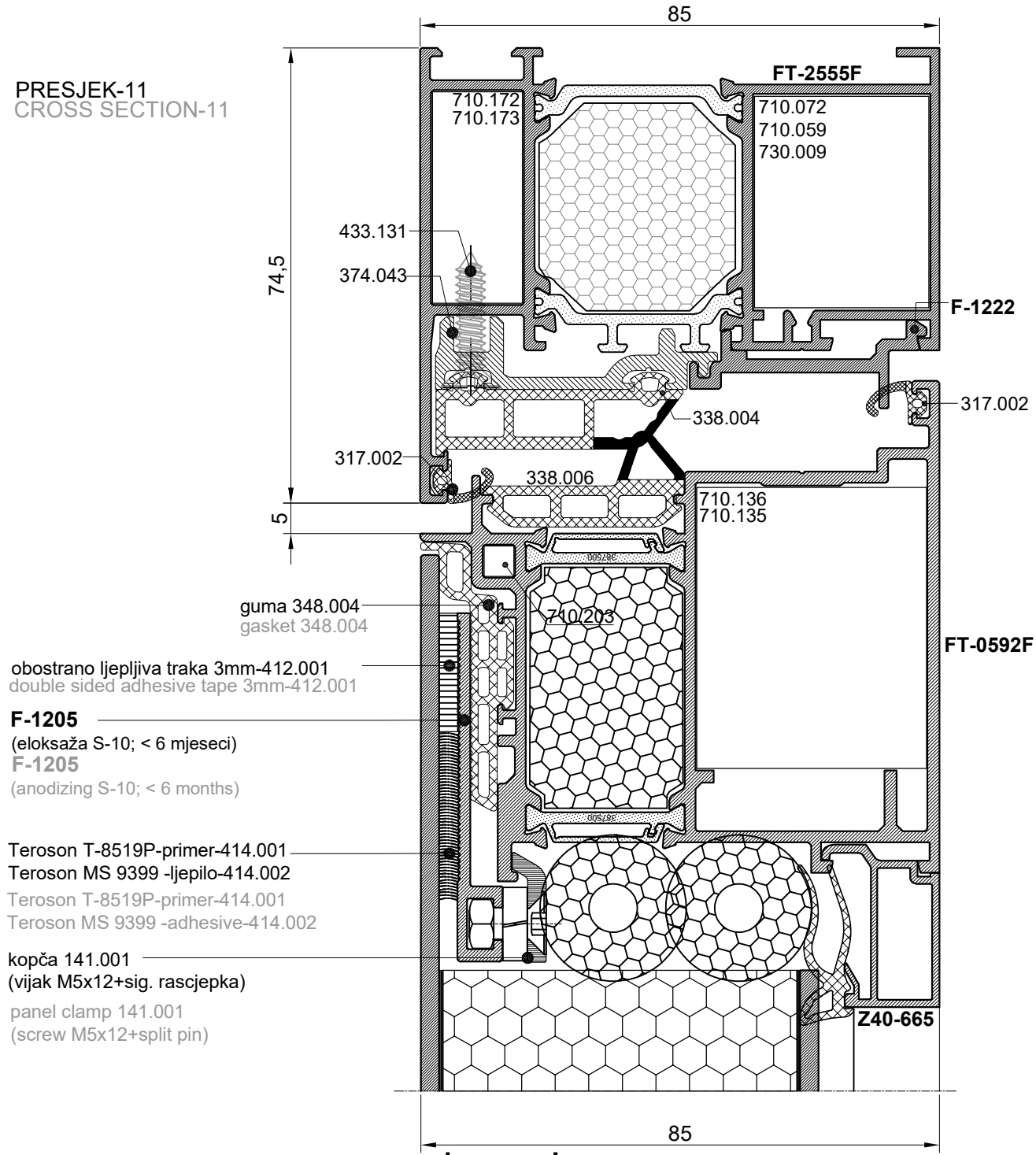
obostrano ljepljiva traka 3mm-412.001
double sided adhesive tape 3mm-412.001

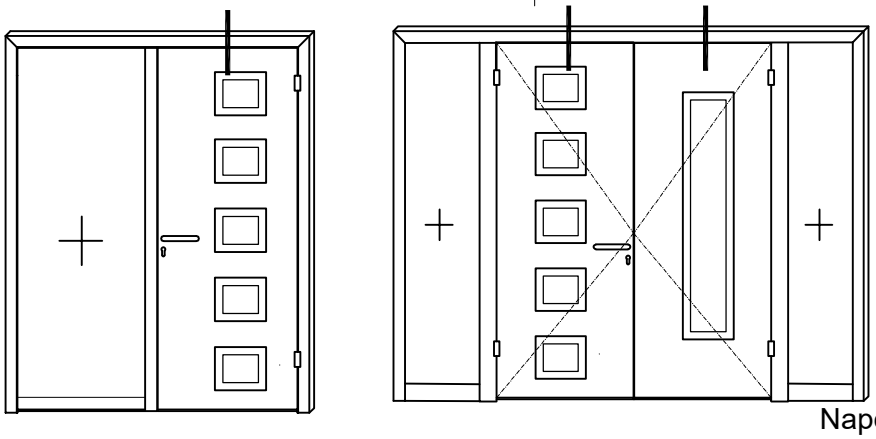


* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata.
Za više informacija pogledajte poglavlje mehanizmi.
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm

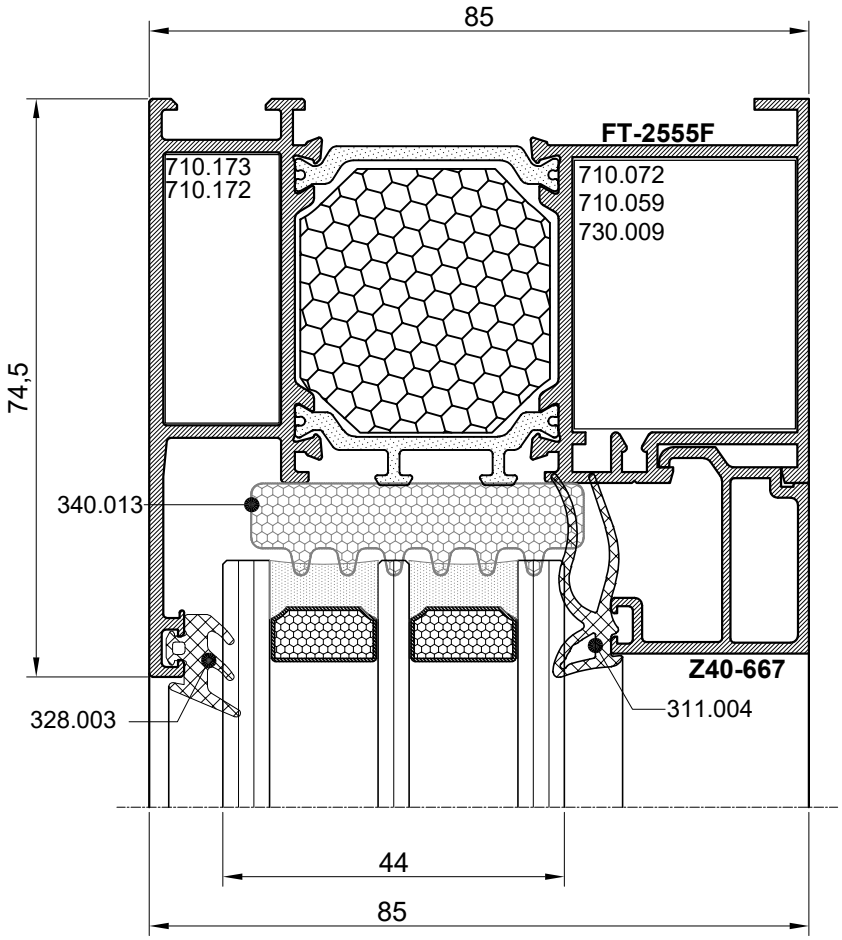
PRESJEK-11
CROSS SECTION-11

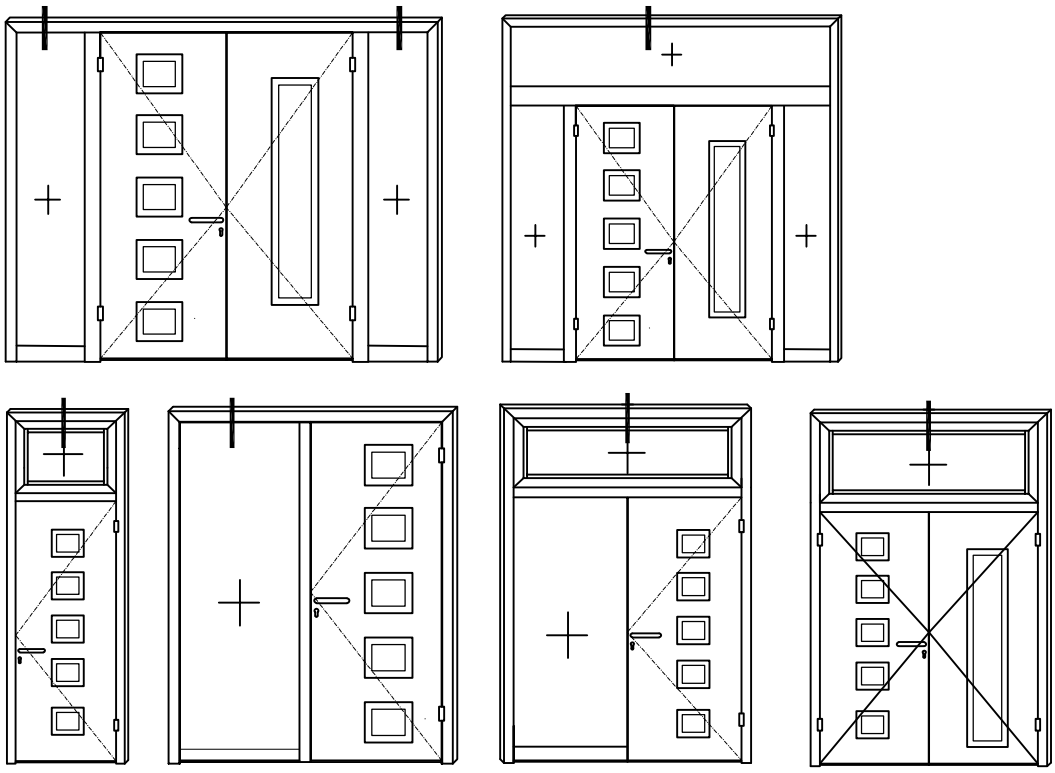




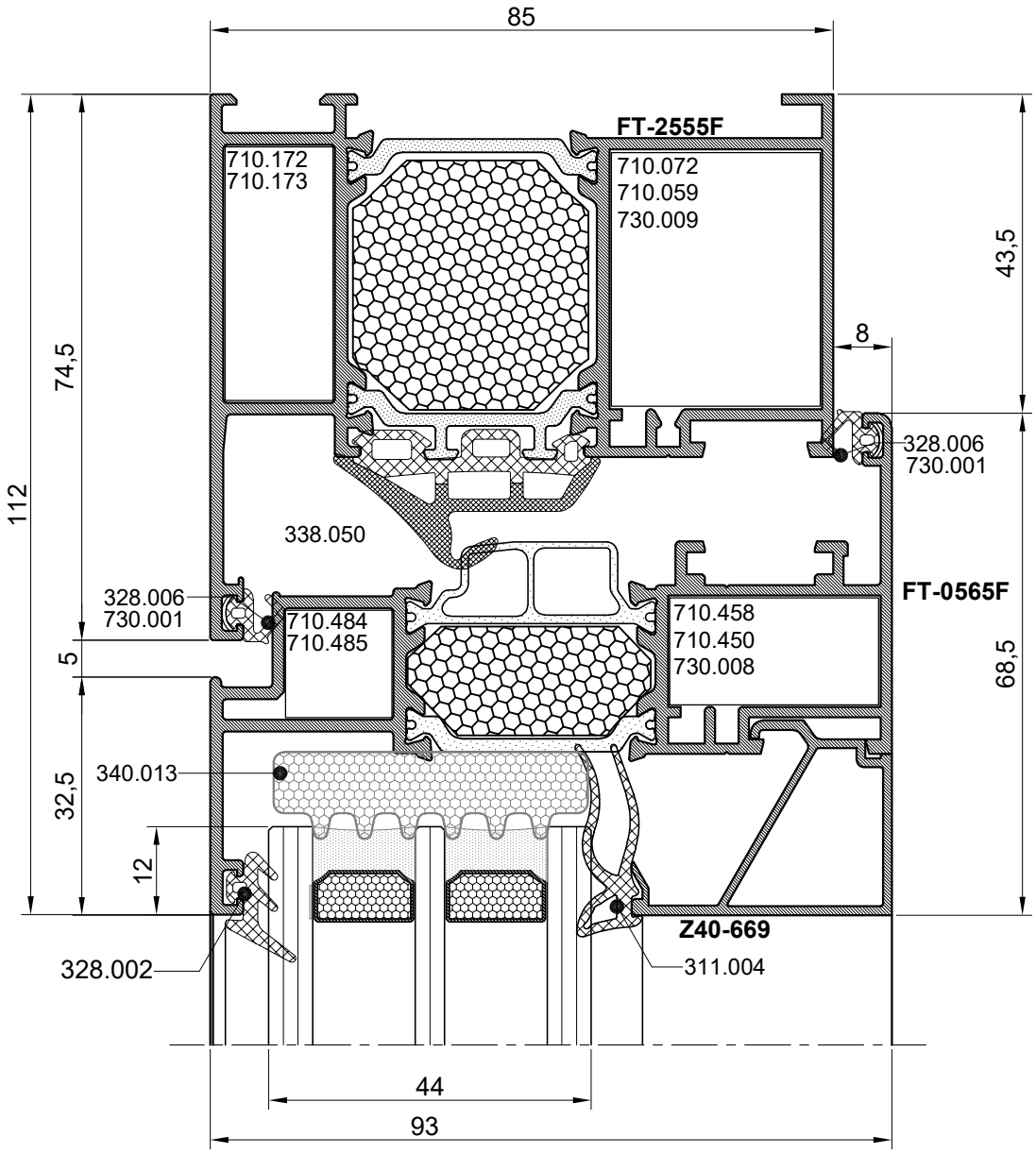
Napomena: Krilo FT-0592F za bravu 45 mm
Remark: Sash FT-0592F for lock 45 mm

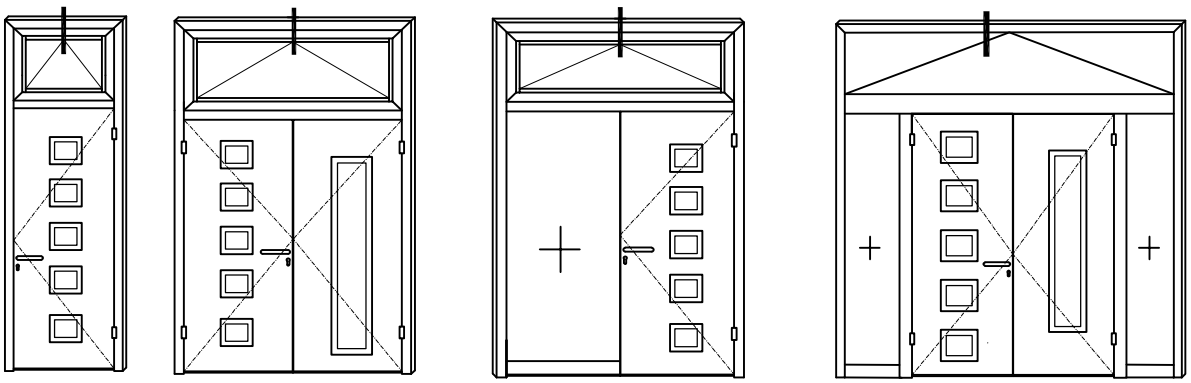
PRESJEK-12
CROSS SECTION-12



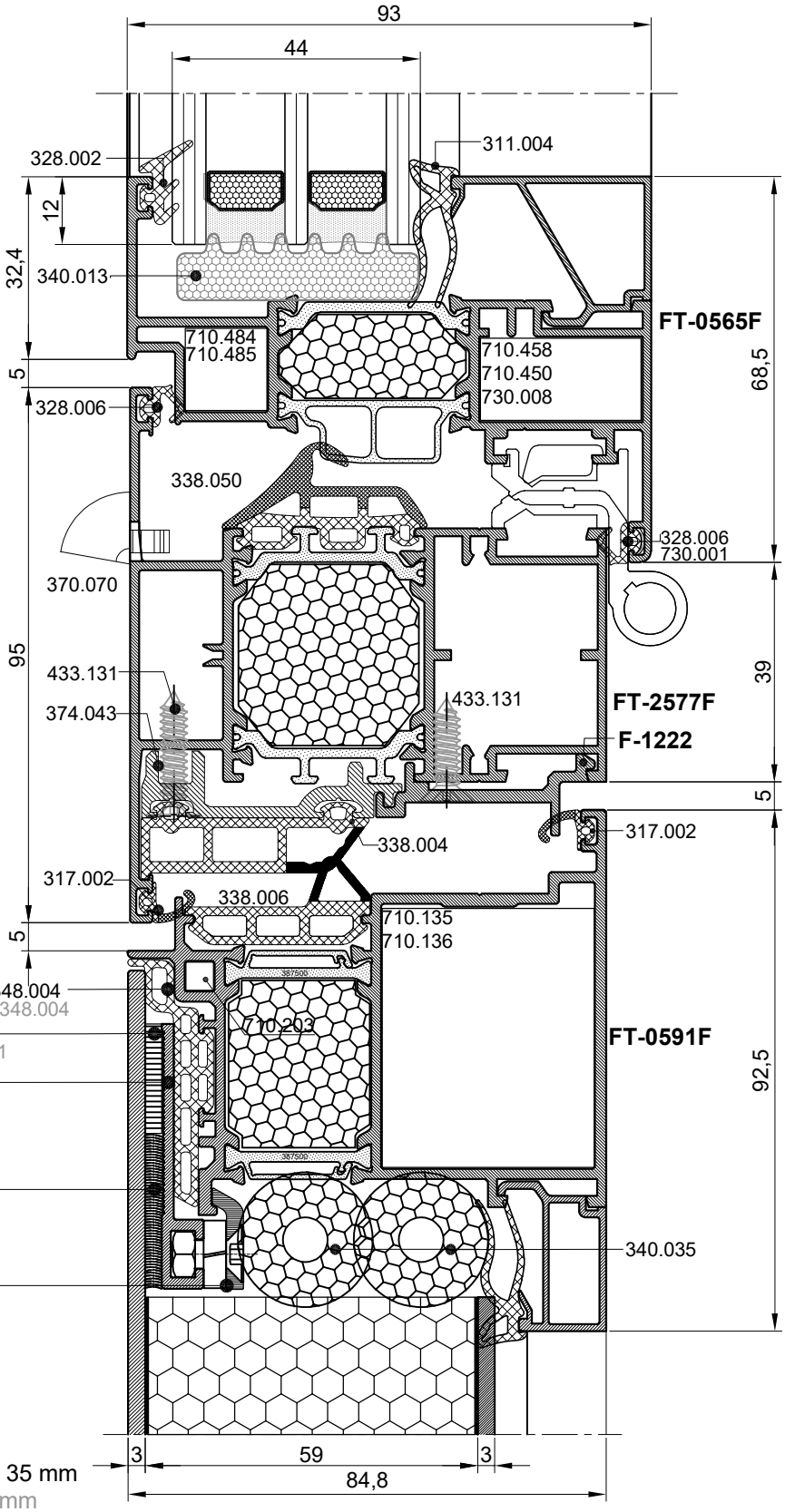


PRESJEK-13
CROSS SECTION-13

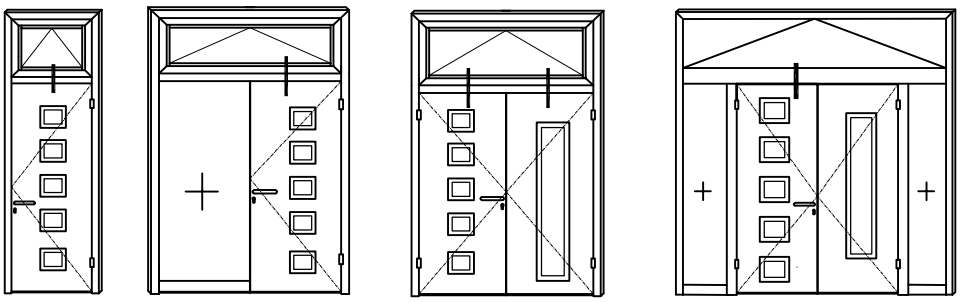




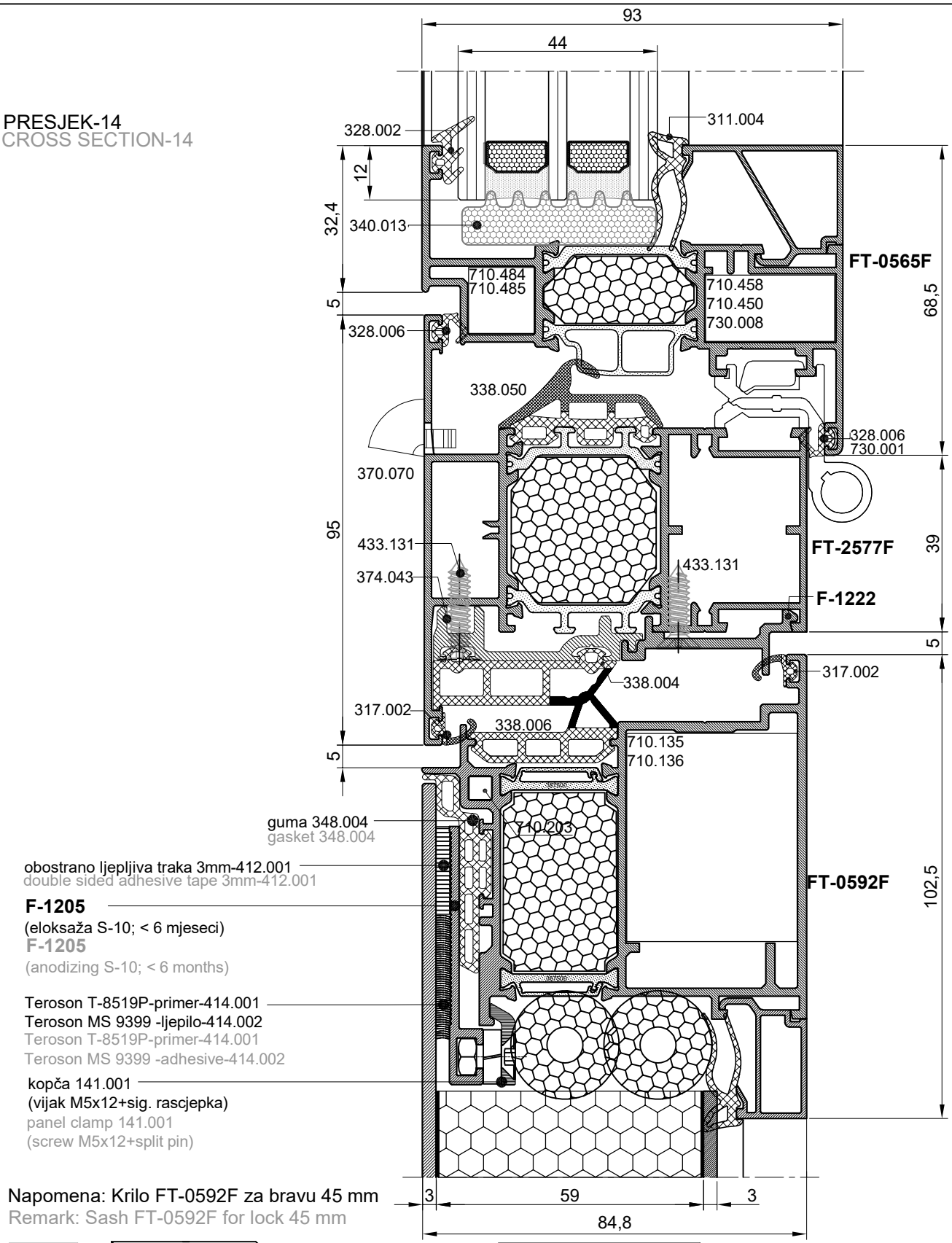
PRESJEK-14
CROSS SECTION-14



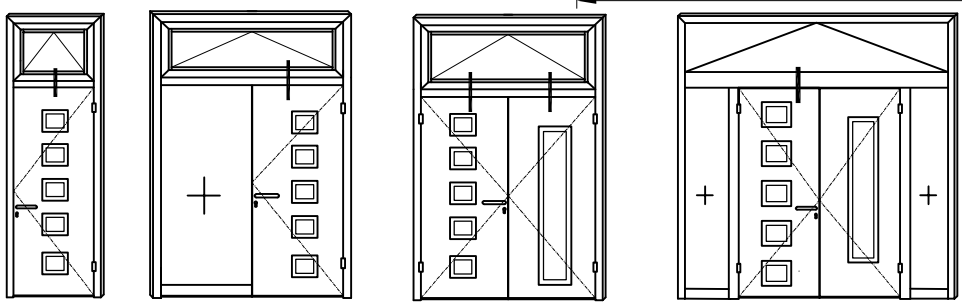
Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm



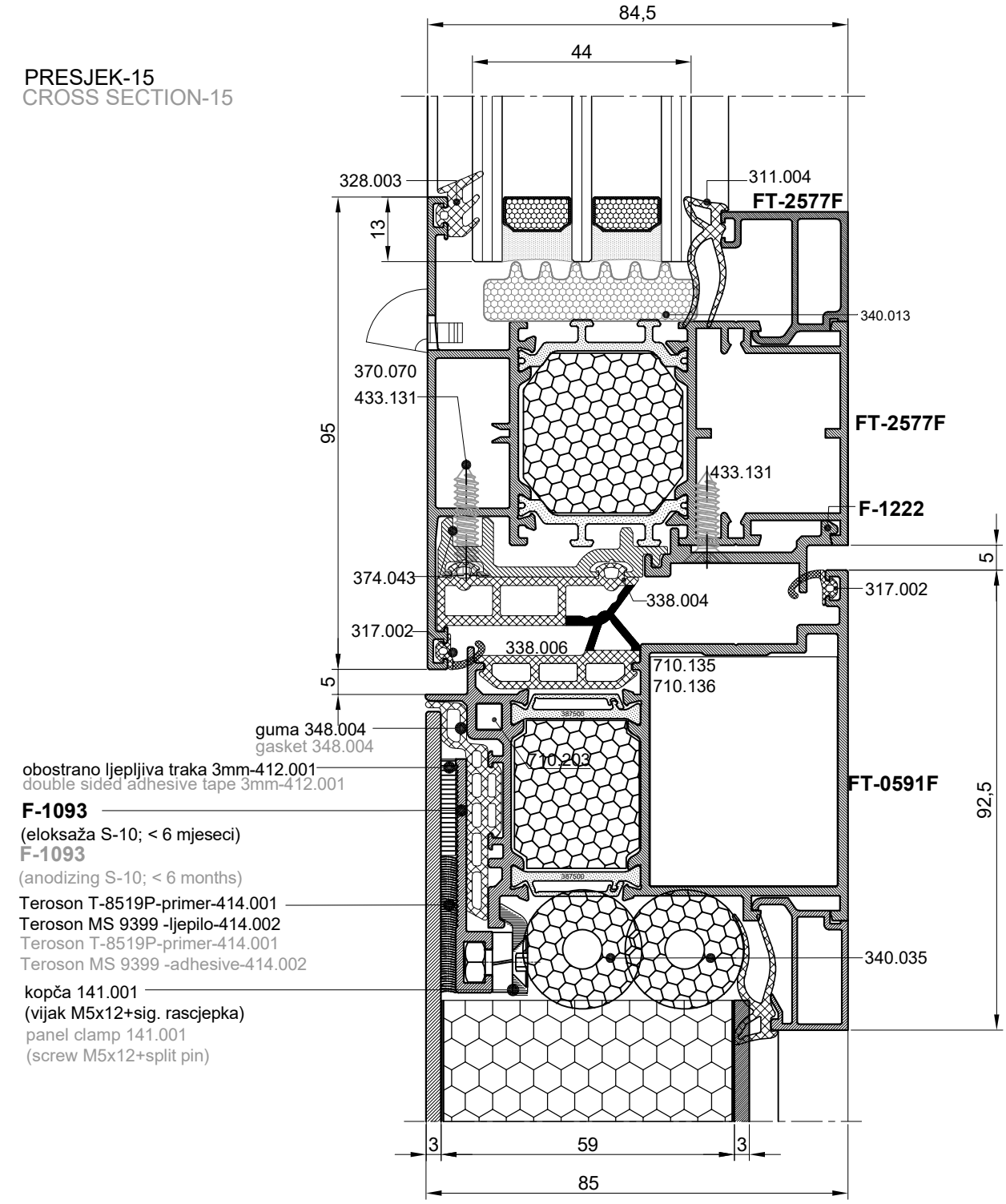
PRESJEK-14
CROSS SECTION-14



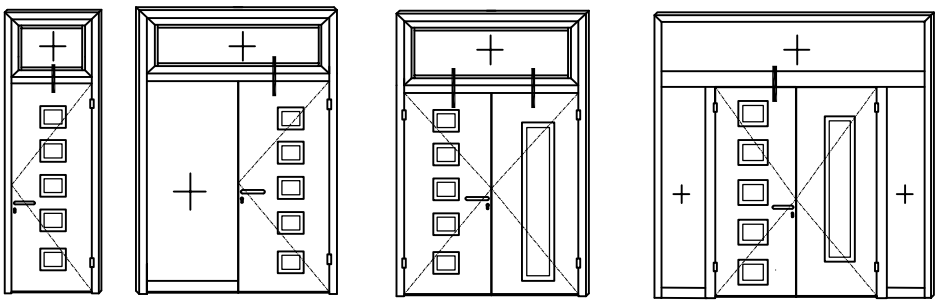
Napomena: Krilo FT-0592F za bravu 45 mm
Remark: Sash FT-0592F for lock 45 mm



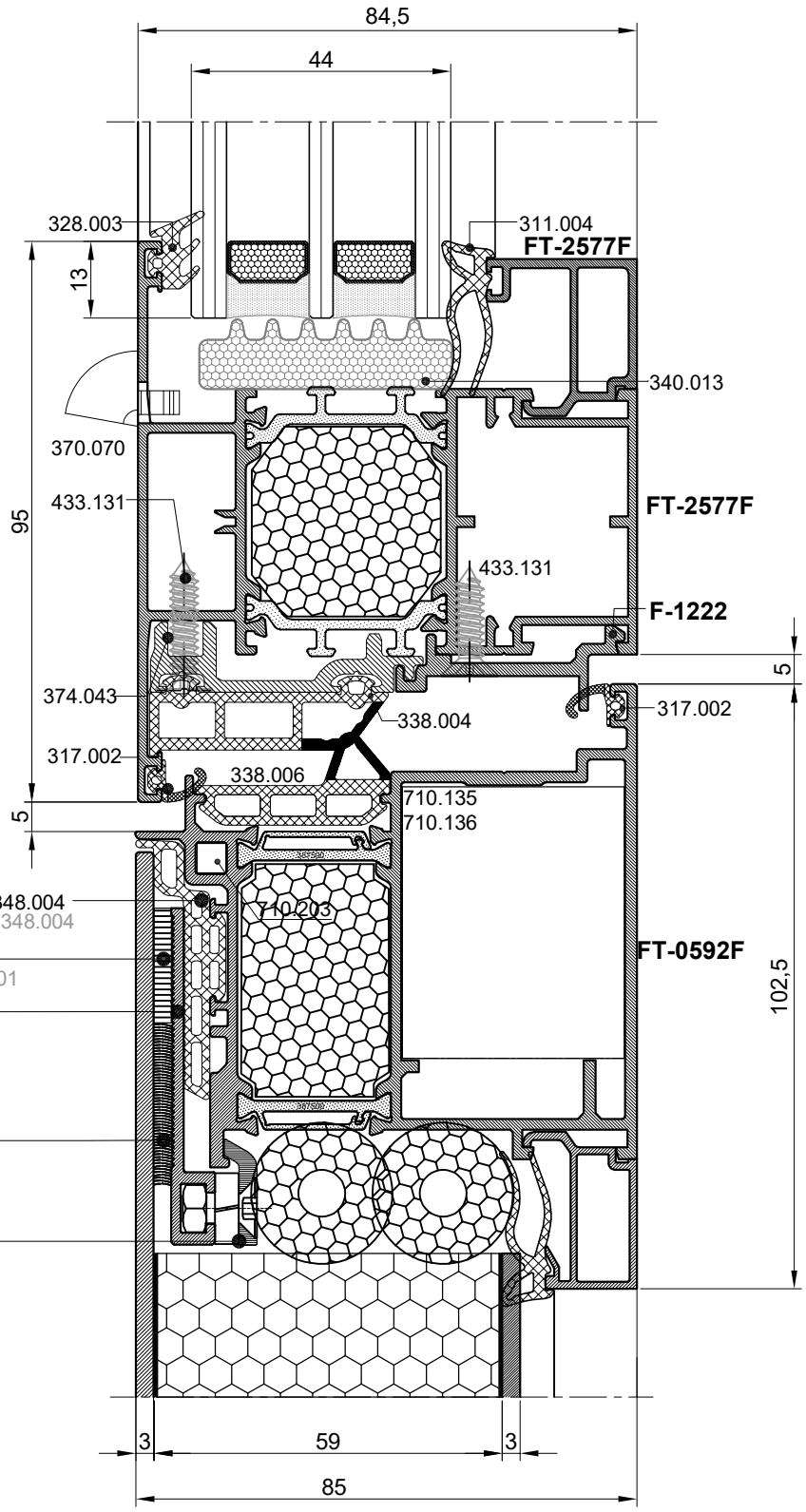
PRESJEK-15
CROSS SECTION-15



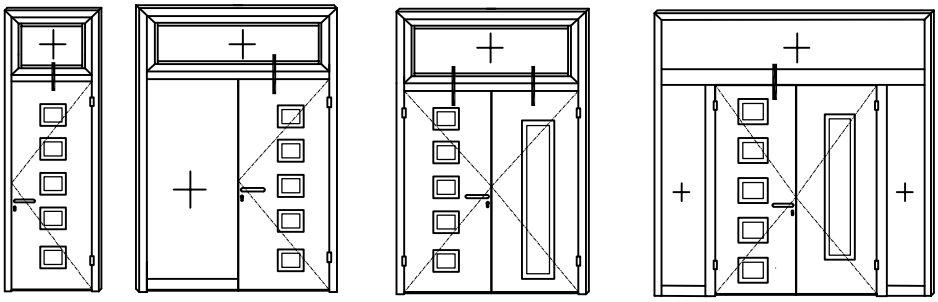
Napomena: Krilo FT-0591F za bravu 35 mm
Remark: Sash FT-0591F for lock 35 mm



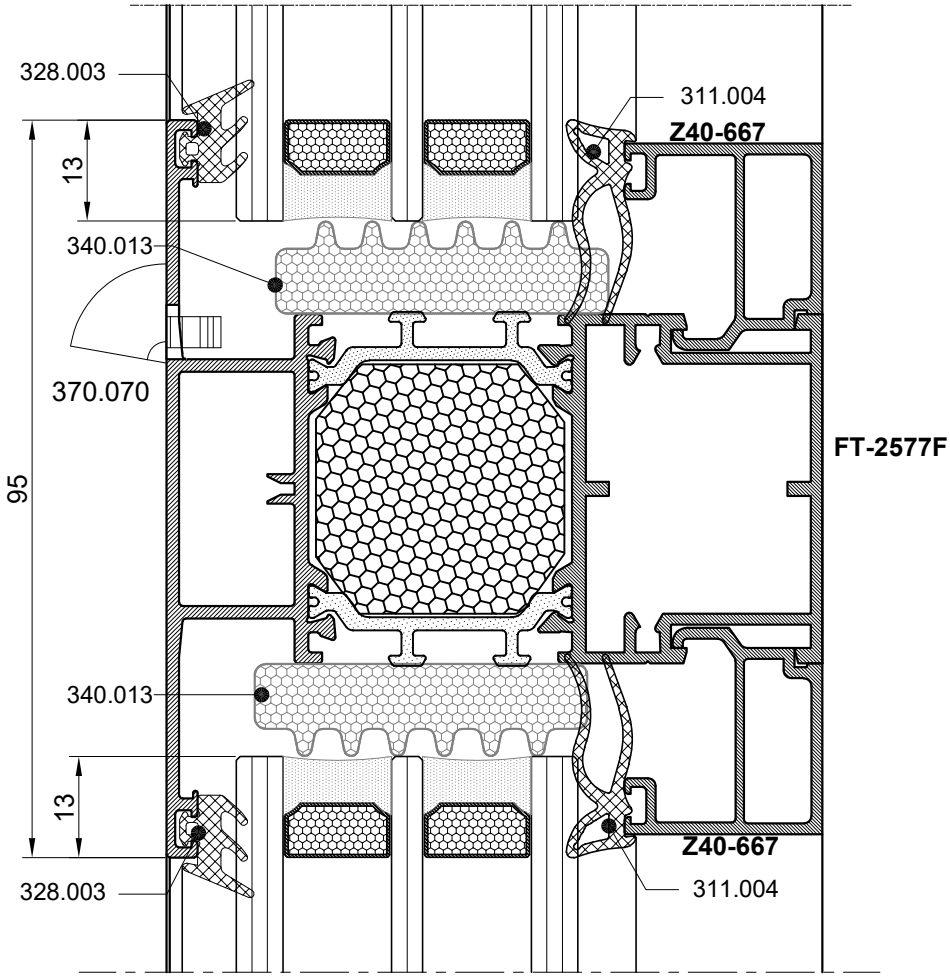
PRESJEK-15
CROSS SECTION-15

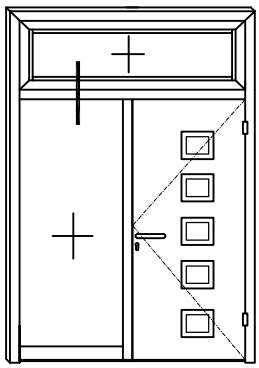


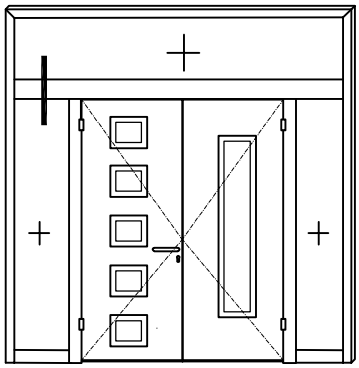
Napomena: Krilo FT-0592F za bravu 45 mm
Remark: Sash FT-0592F for lock 45 mm



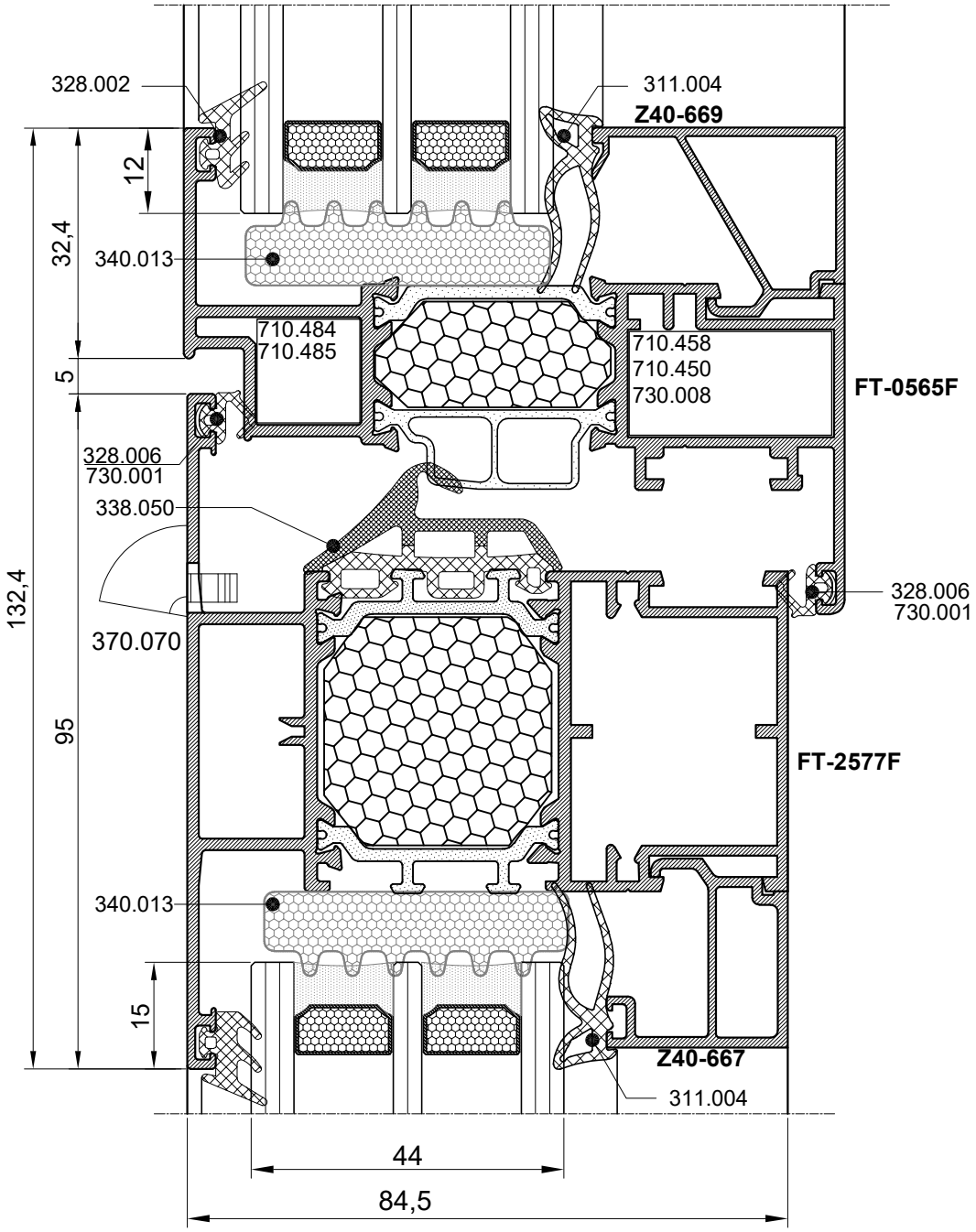
PRESJEK-16
CROSS SECTION-16

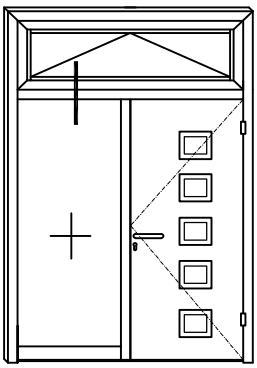


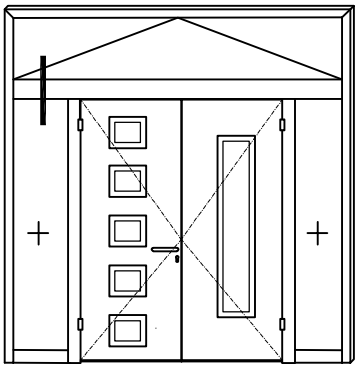


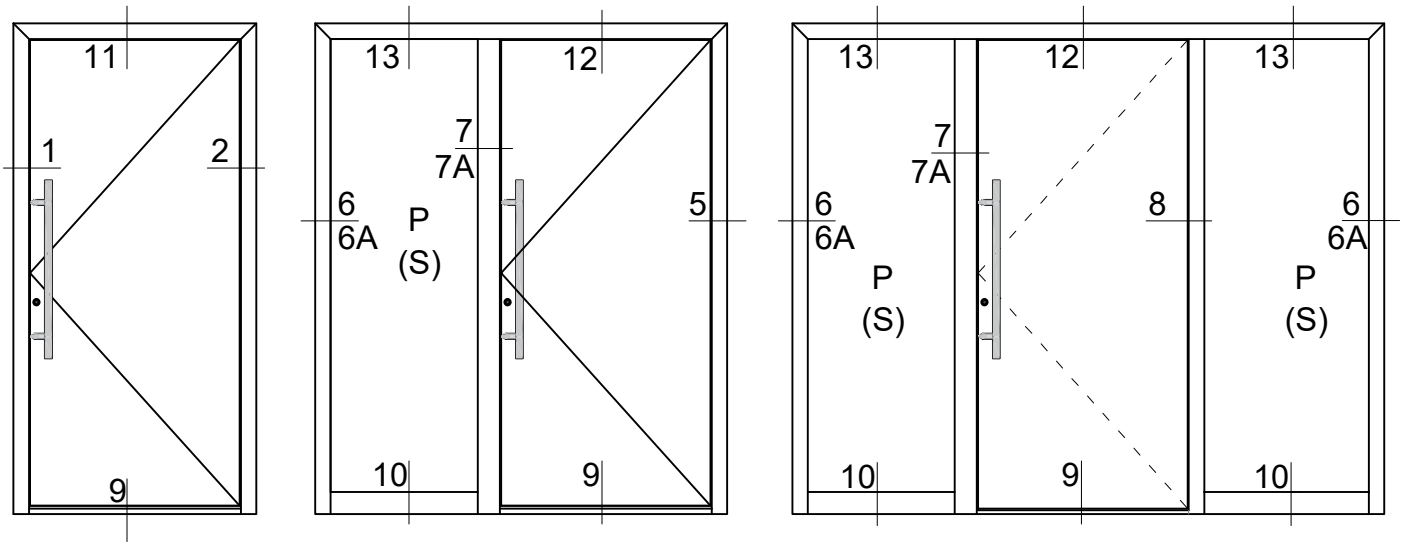


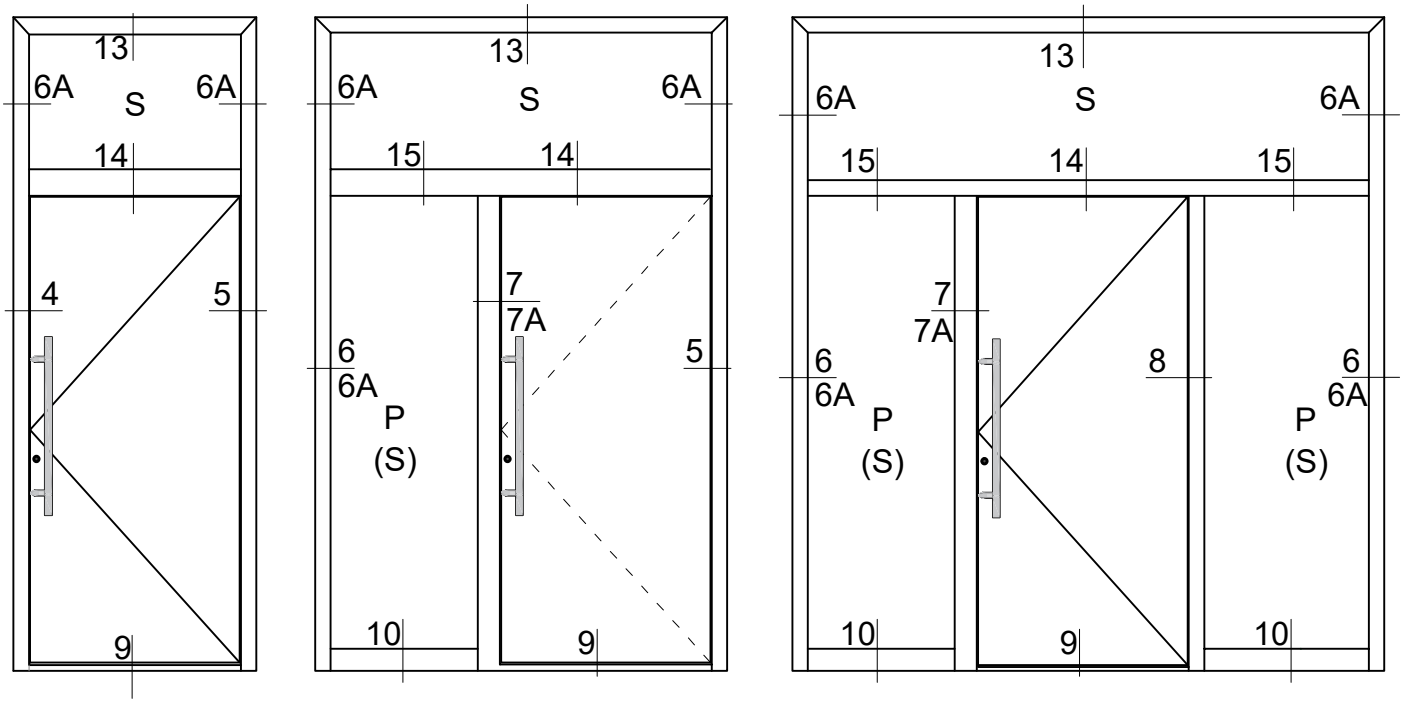
PRESJEK-17
CROSS SECTION-17

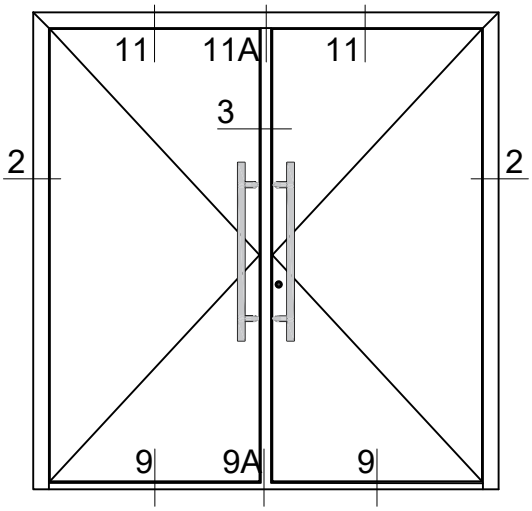


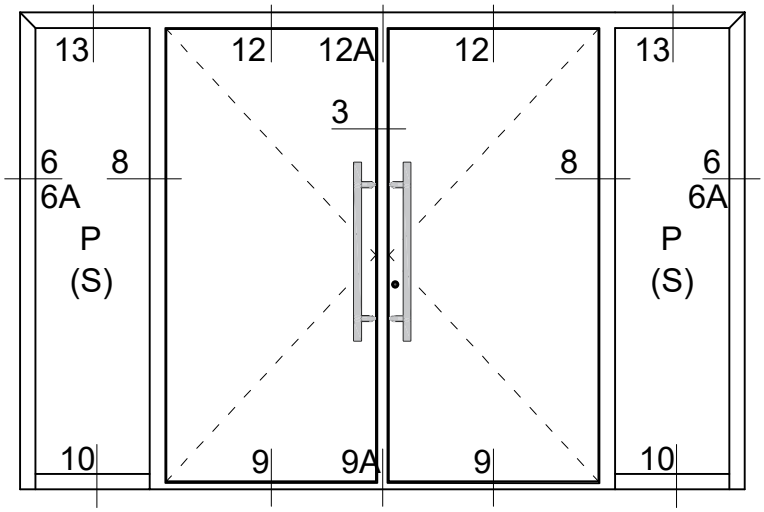


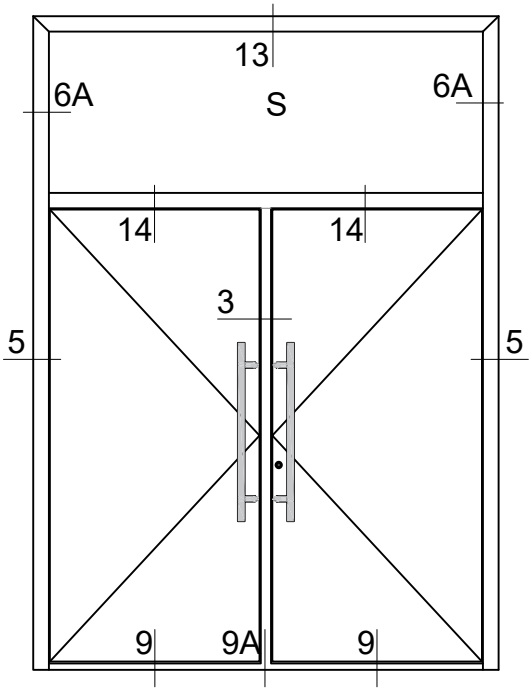


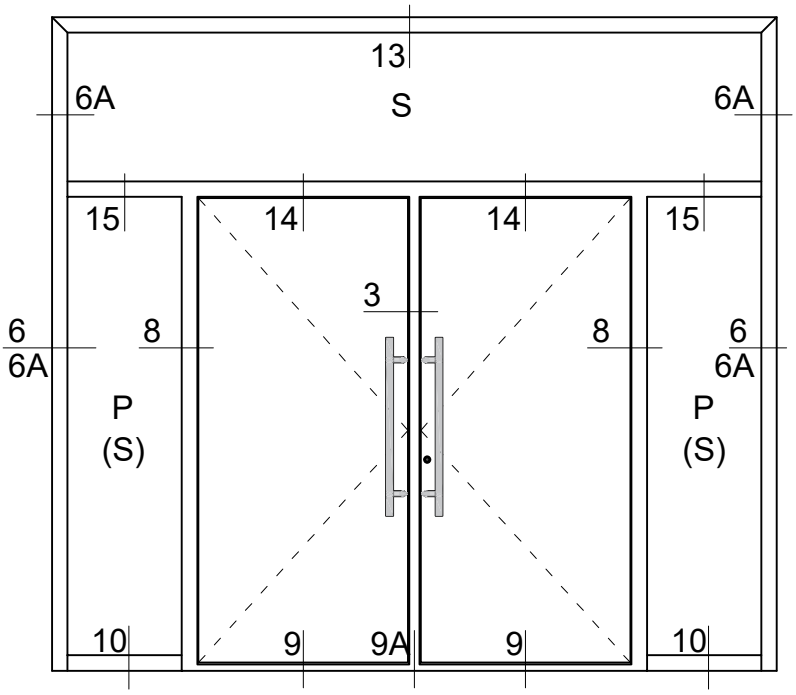

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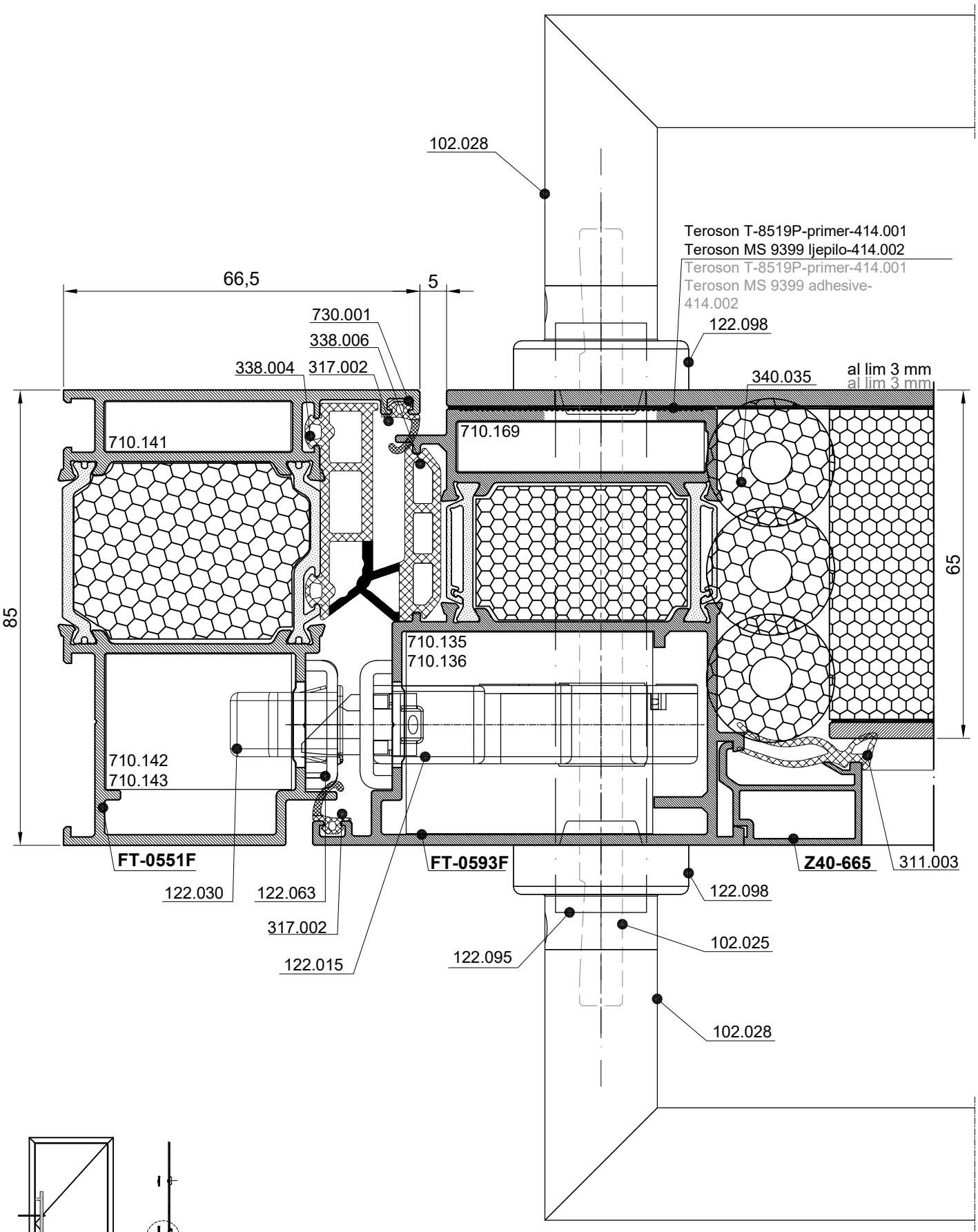

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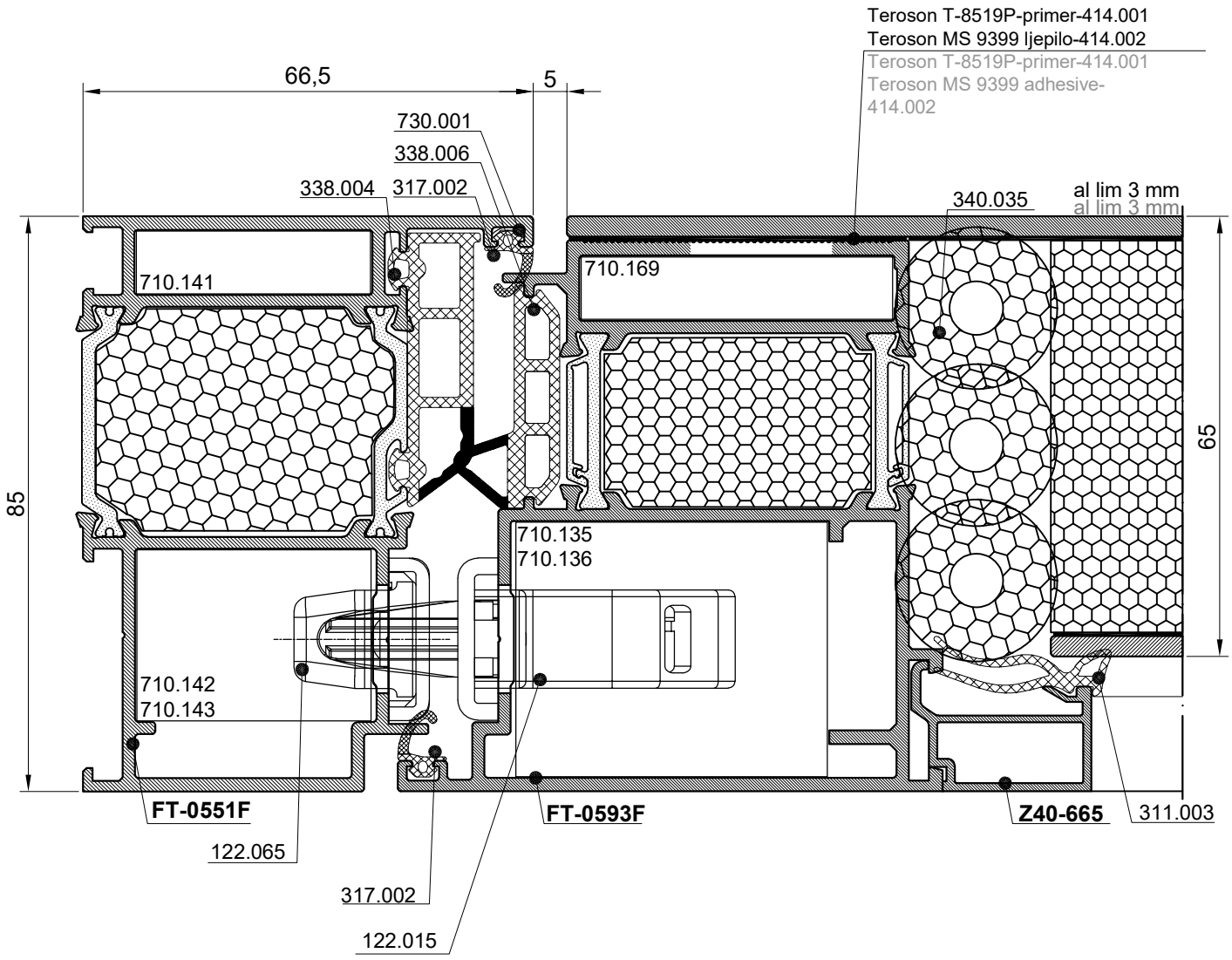

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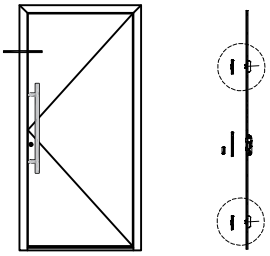

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Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

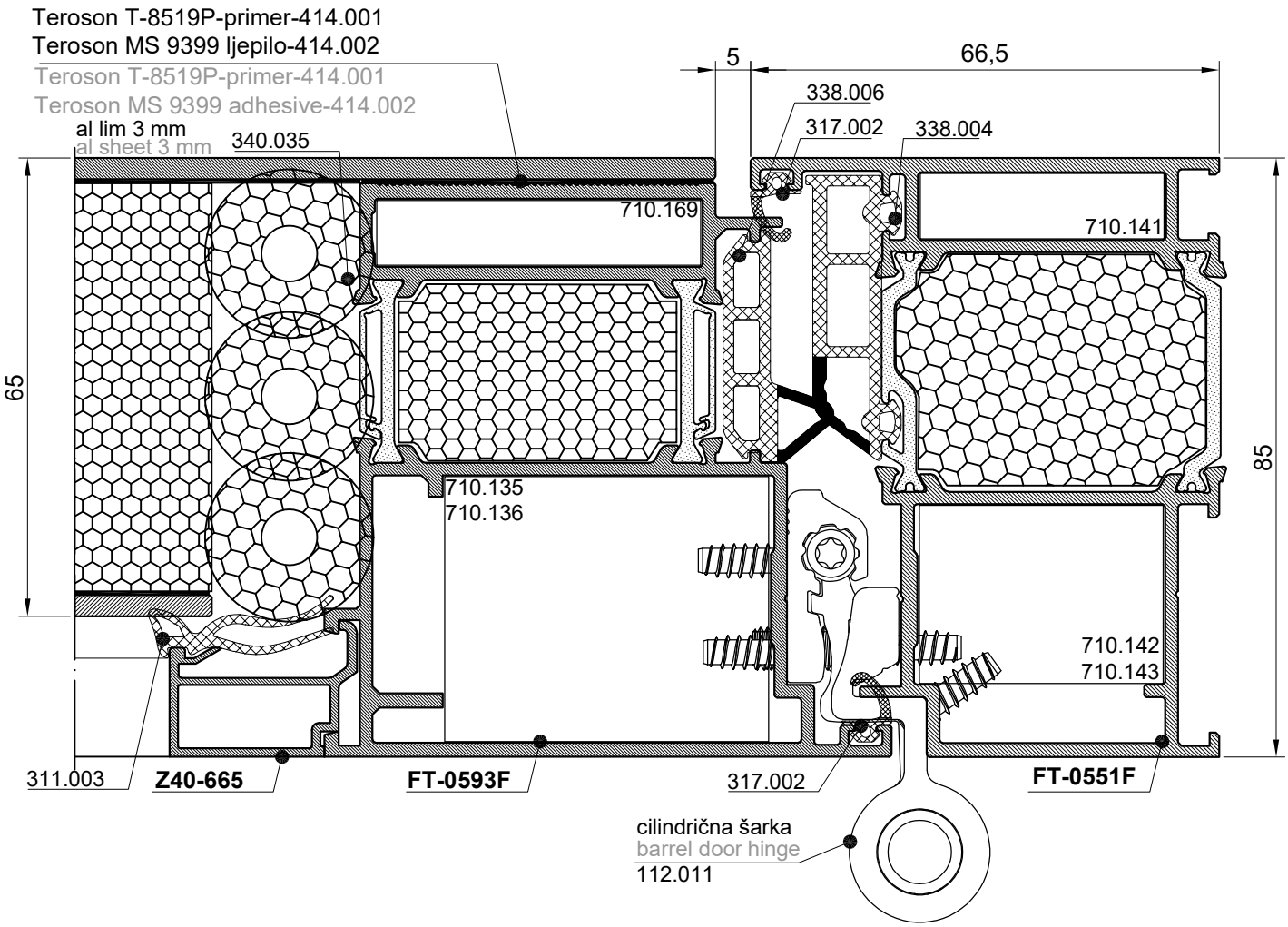
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CROSS SECTION-1

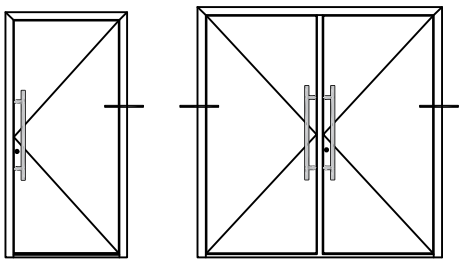




Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

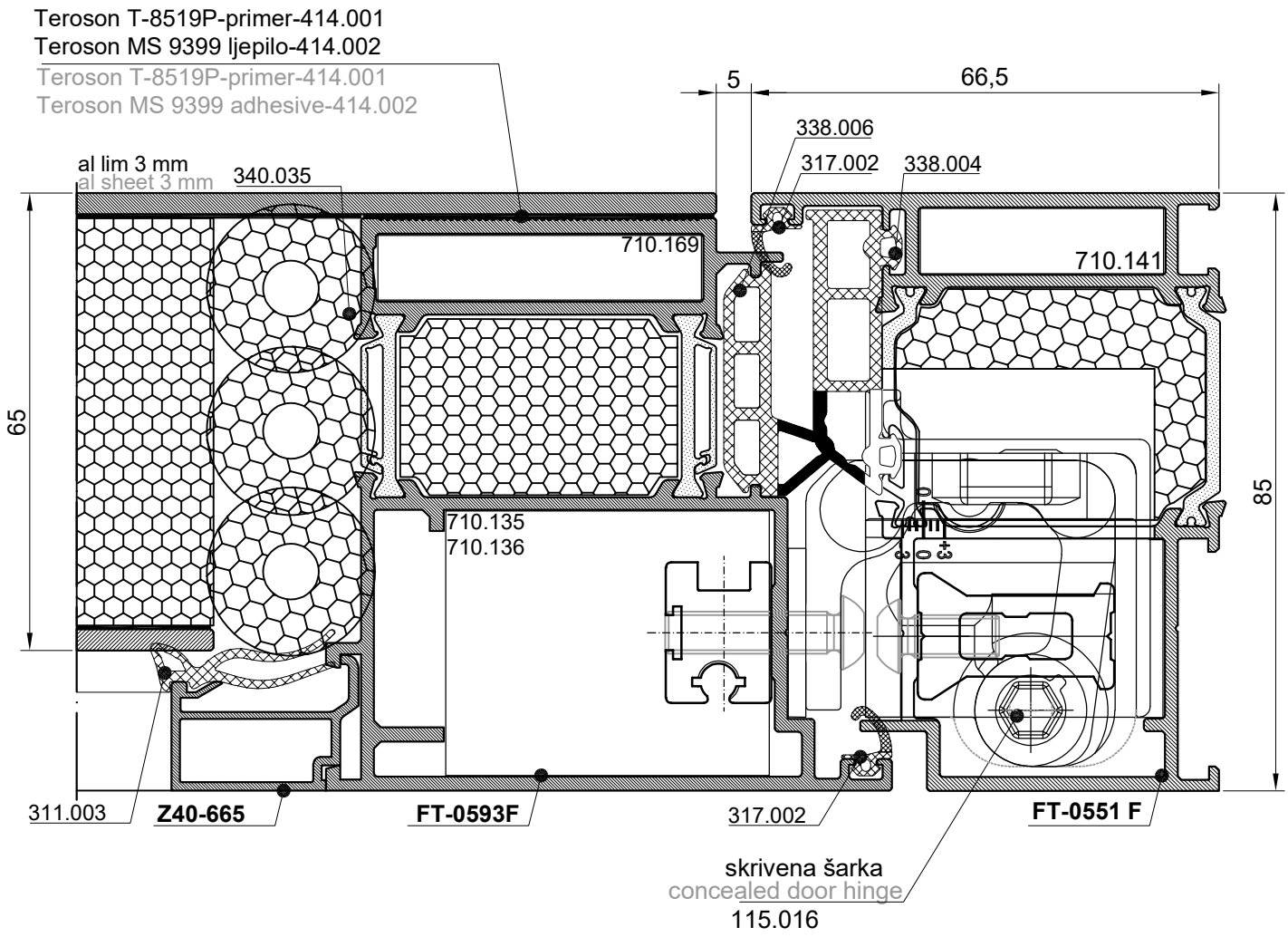
PRESJEK-2
CROSS SECTION-2

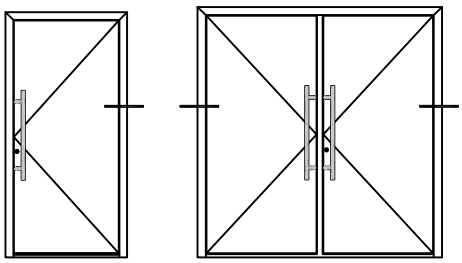




Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

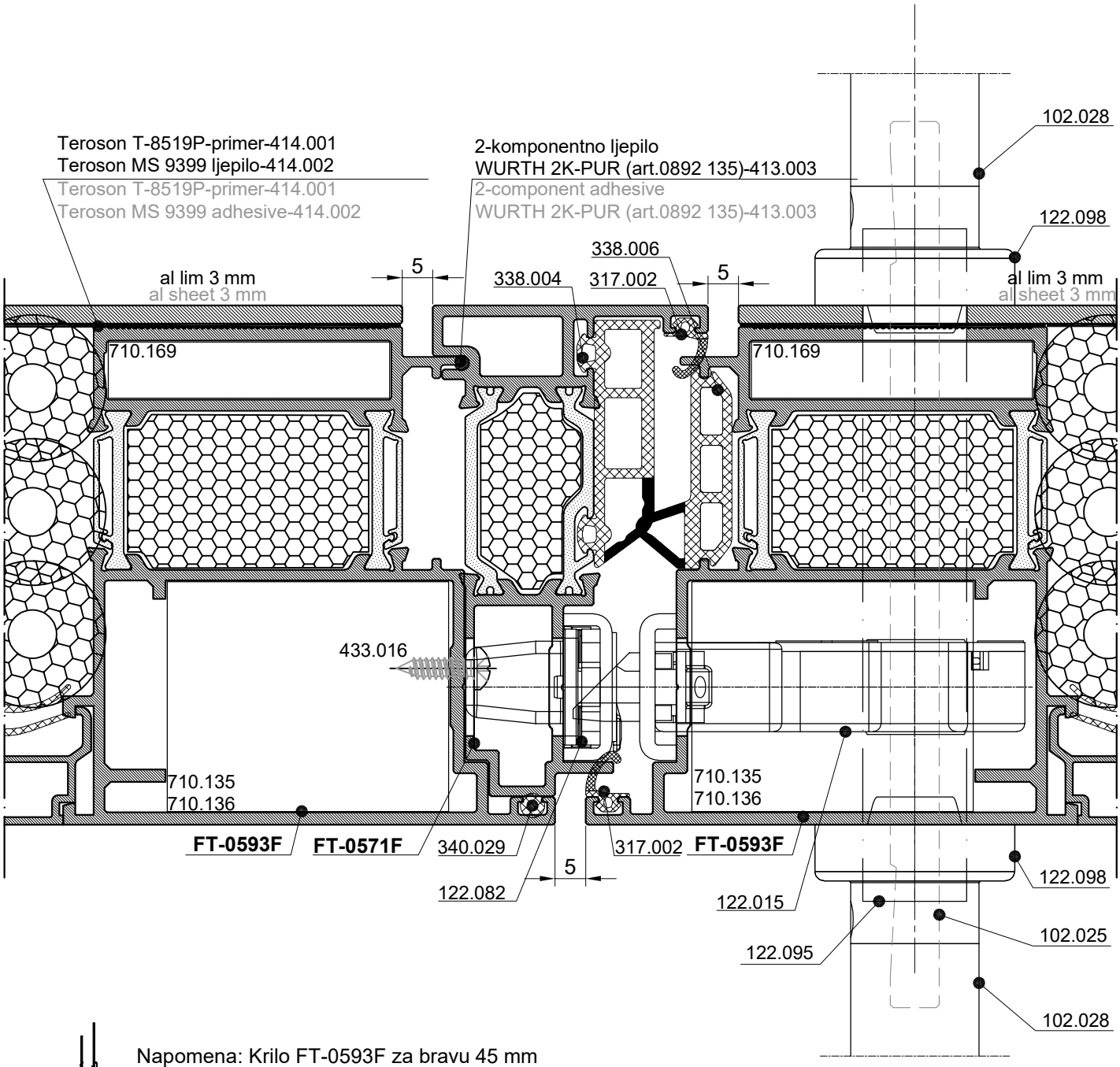
PRESJEK-2
CROSS SECTION-2





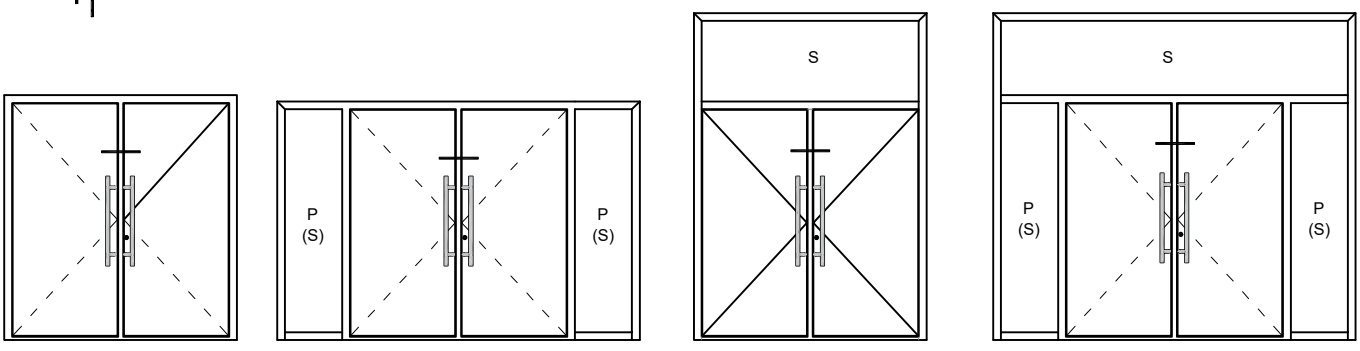
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

PRESJEK-2
CROSS SECTION-2

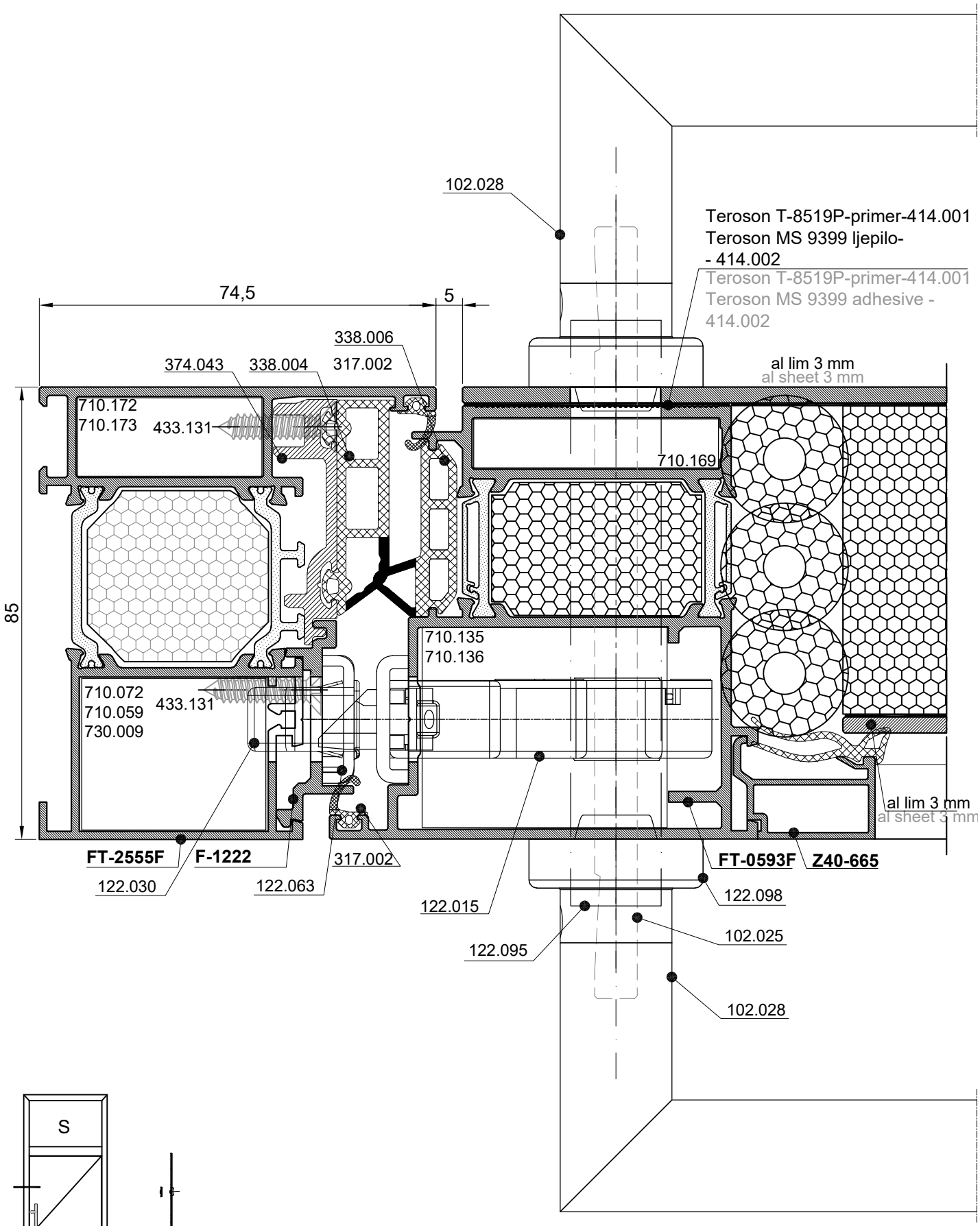




Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

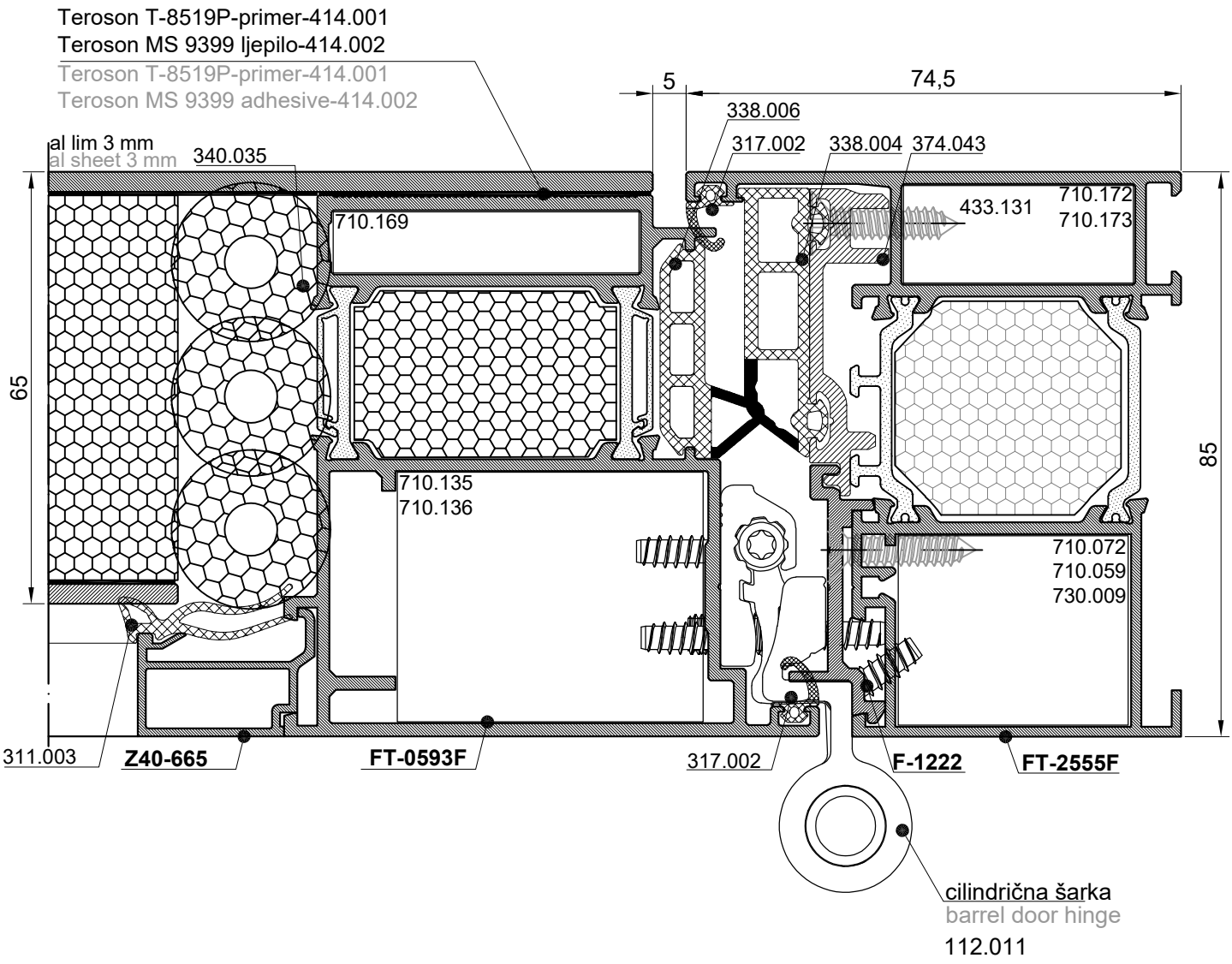


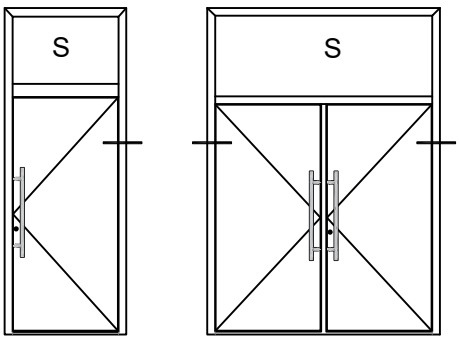
PRESJEK-3
CROSS SECTION-3



Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

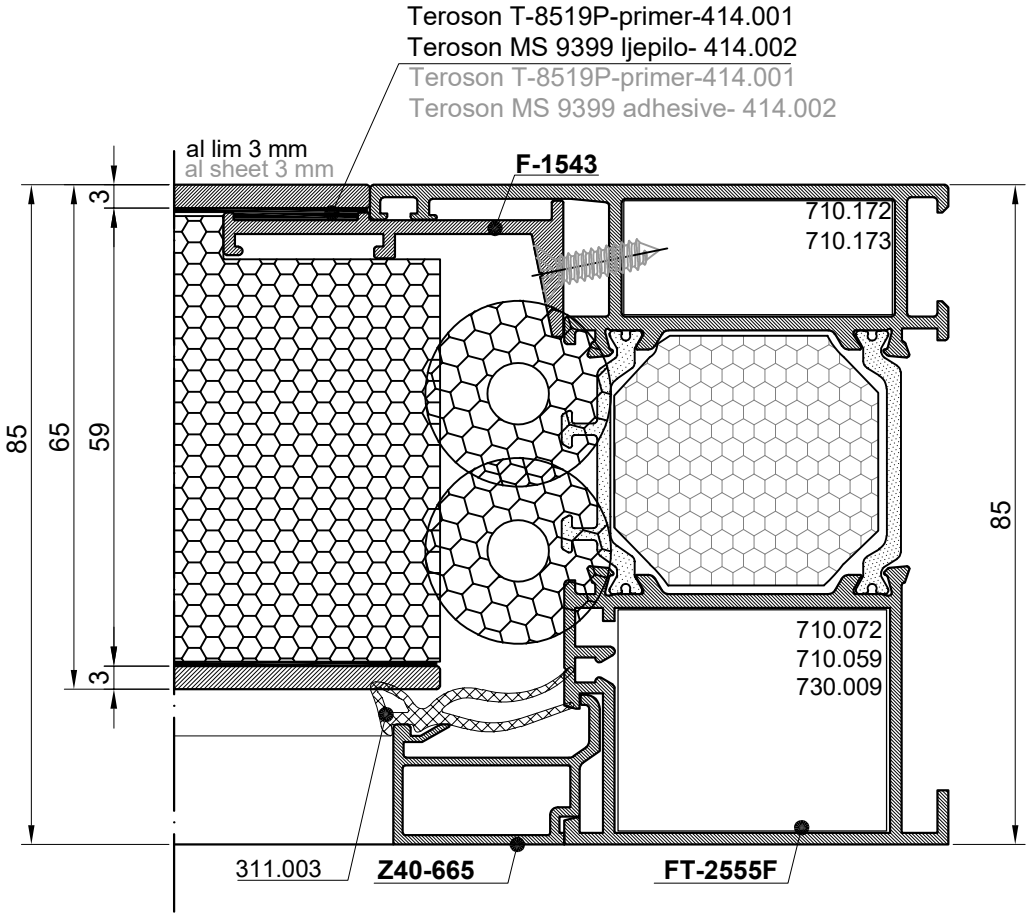
PRESJEK-4
CROSS SECTION-4

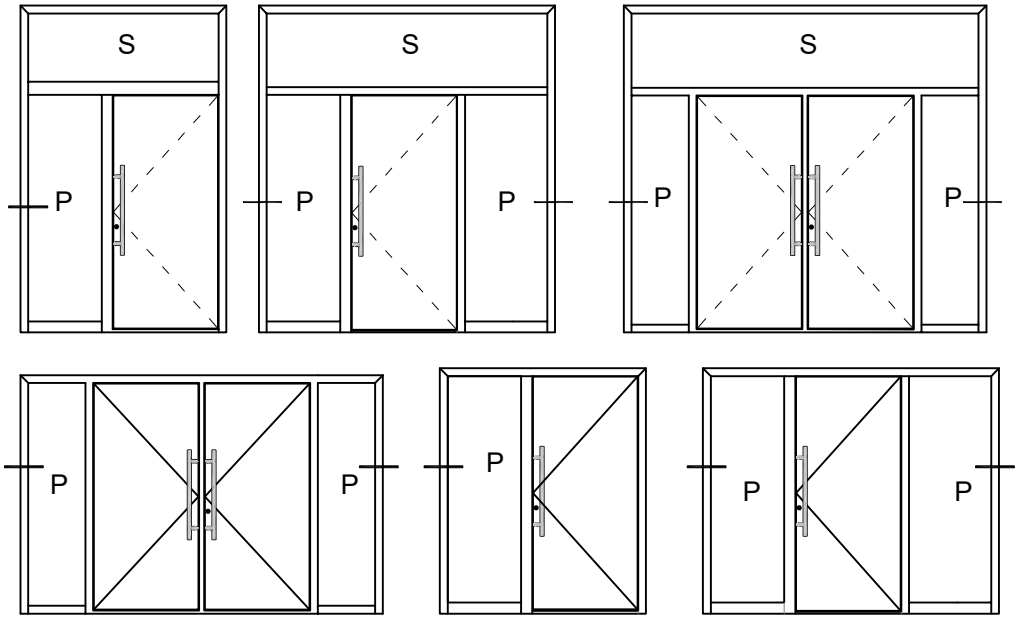




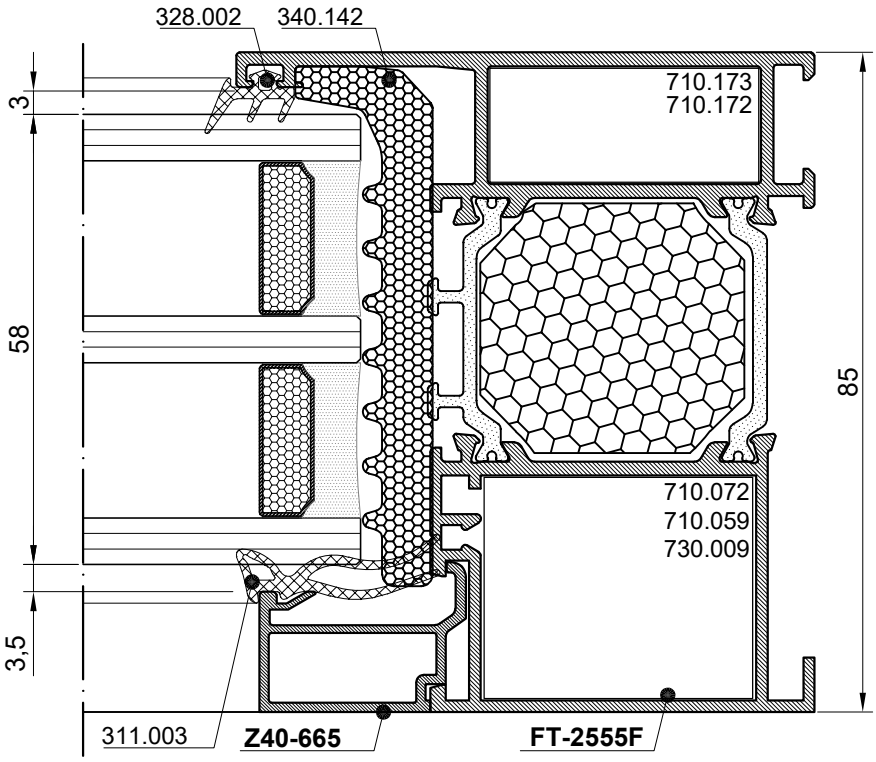
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

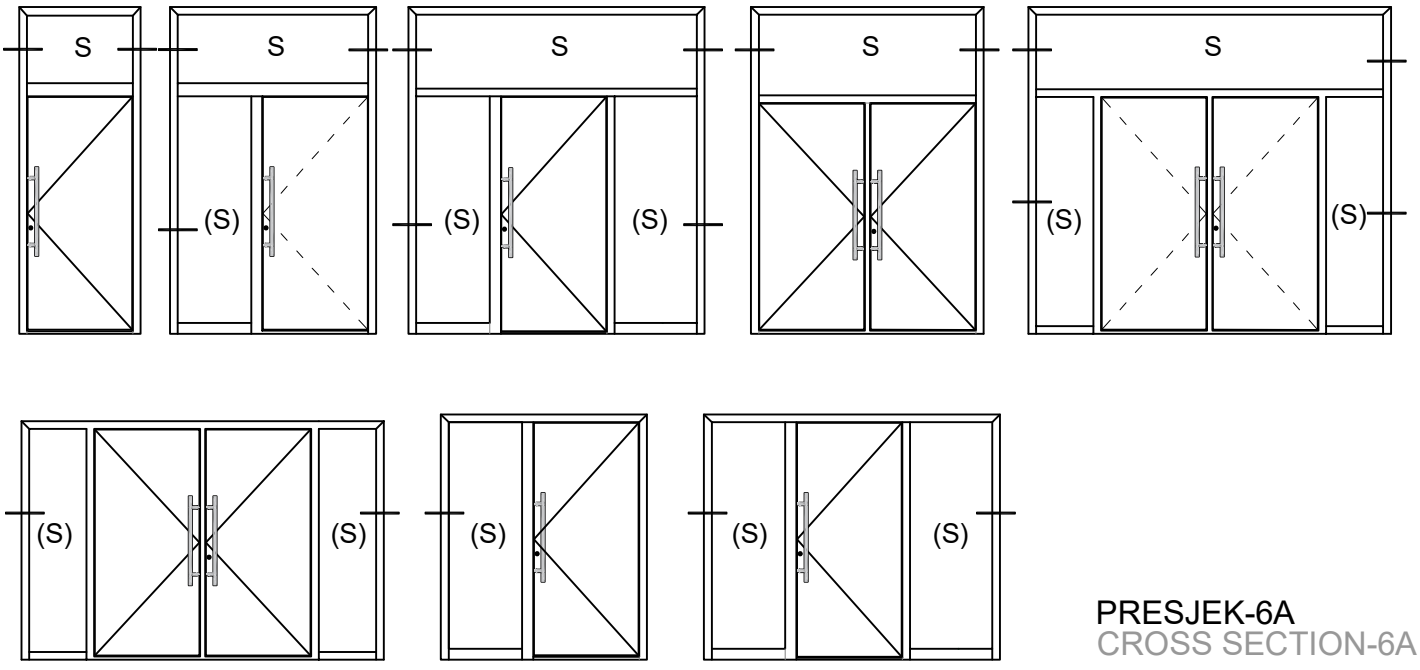
PRESJEK-5
CROSS SECTION-5



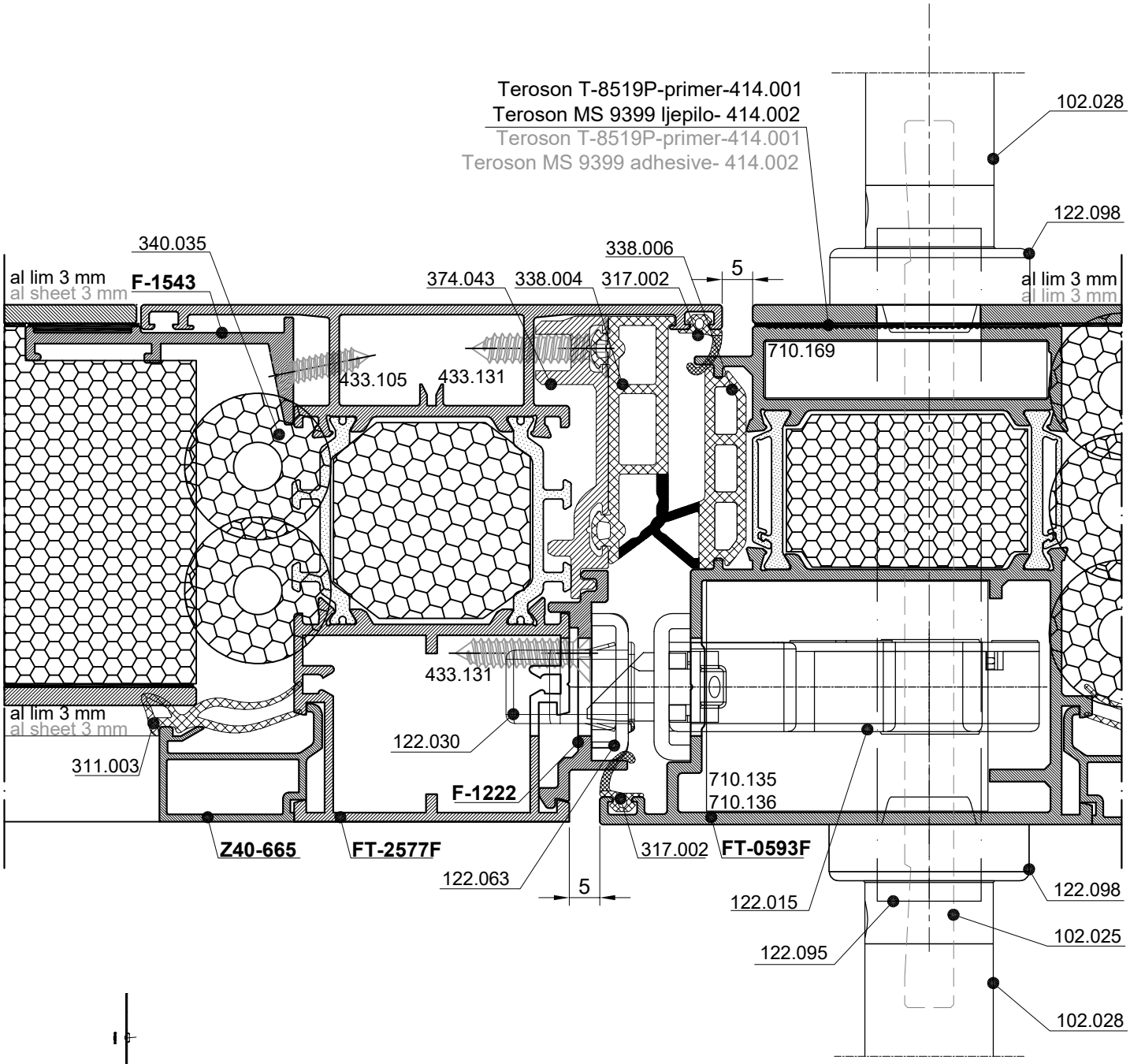


PRESJEK-6
CROSS SECTION-6





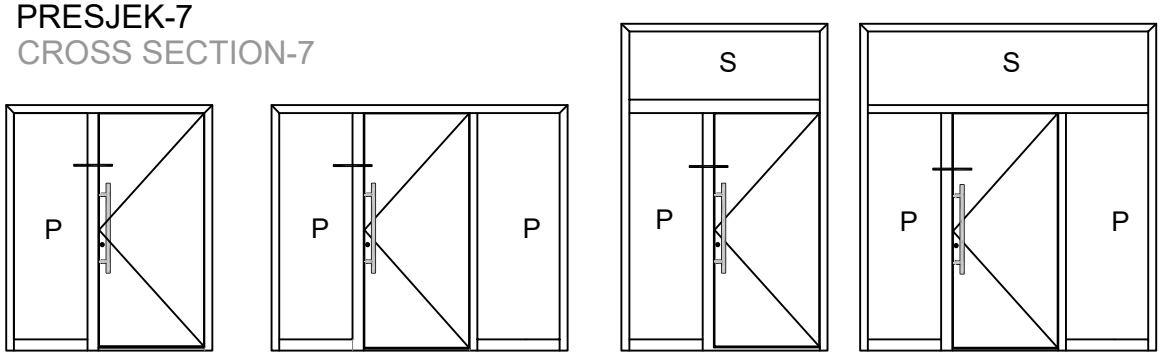
PRESJEK-6A
CROSS SECTION-6A

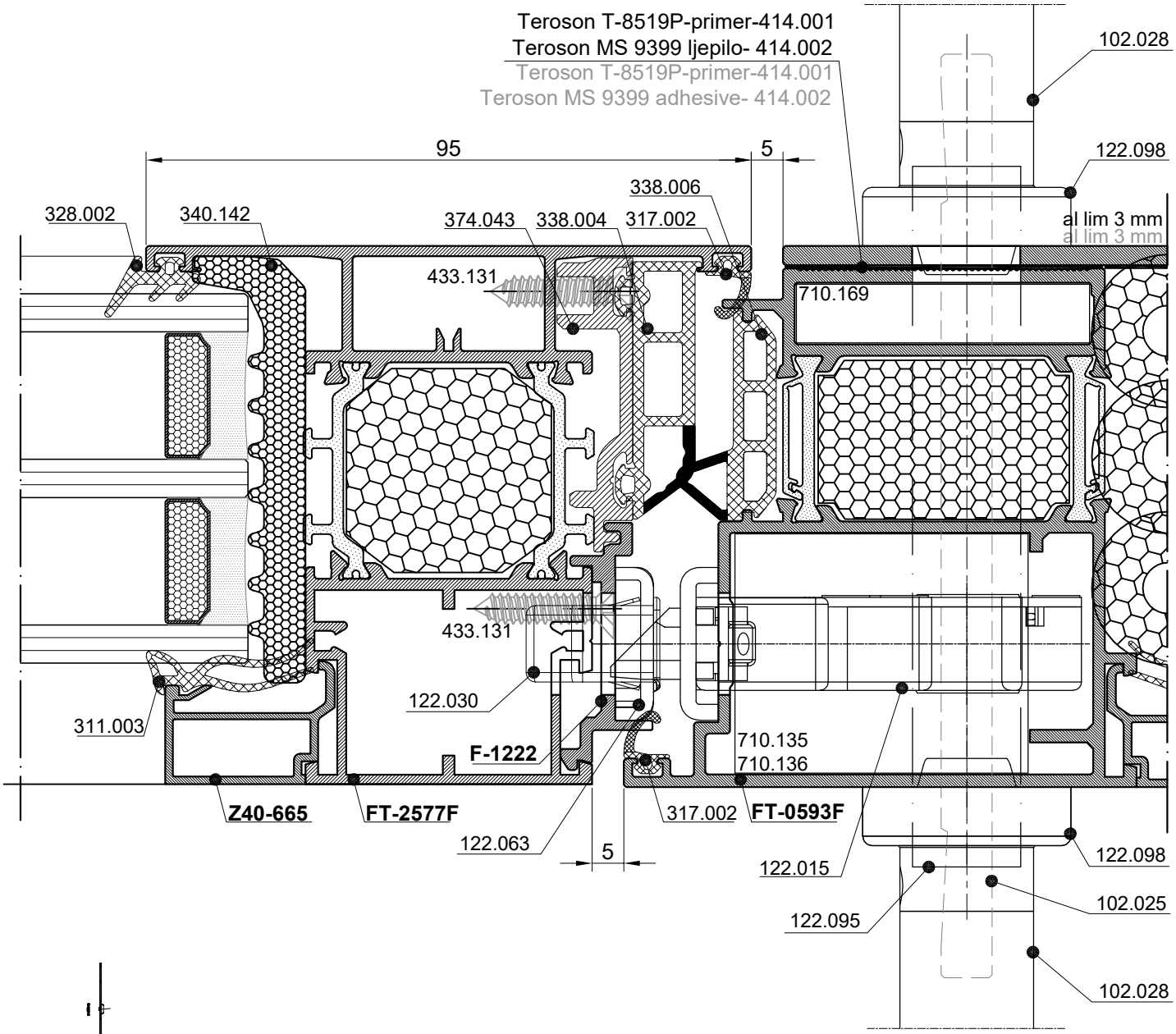




Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-7
CROSS SECTION-7

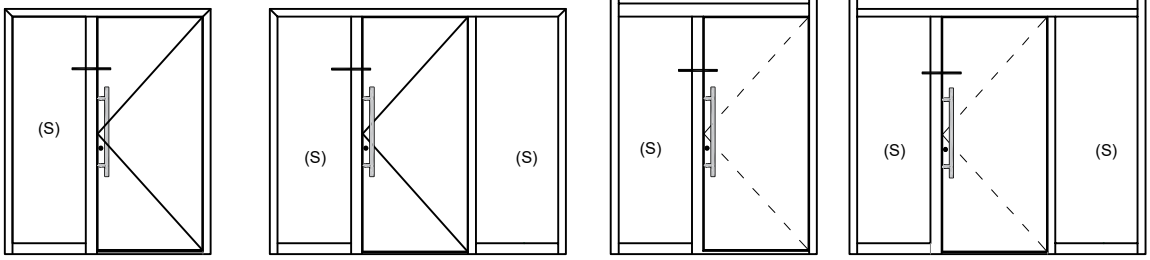


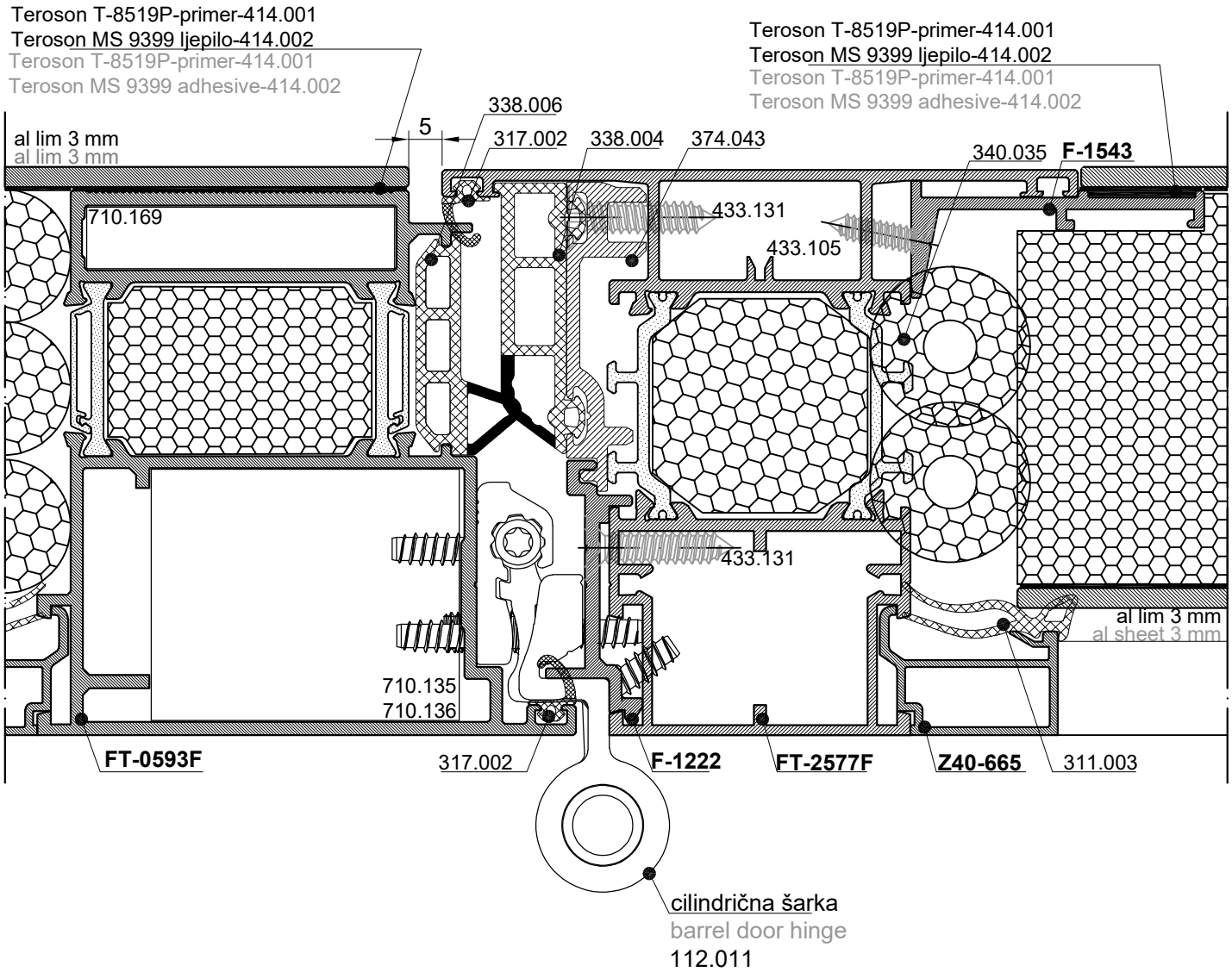




Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

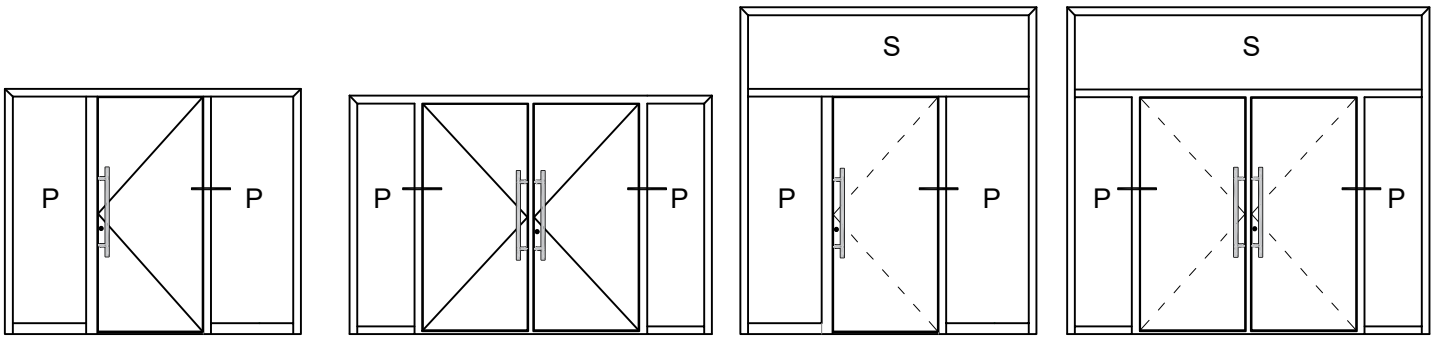
PRESJEK-7A
CROSS SECTION-7A

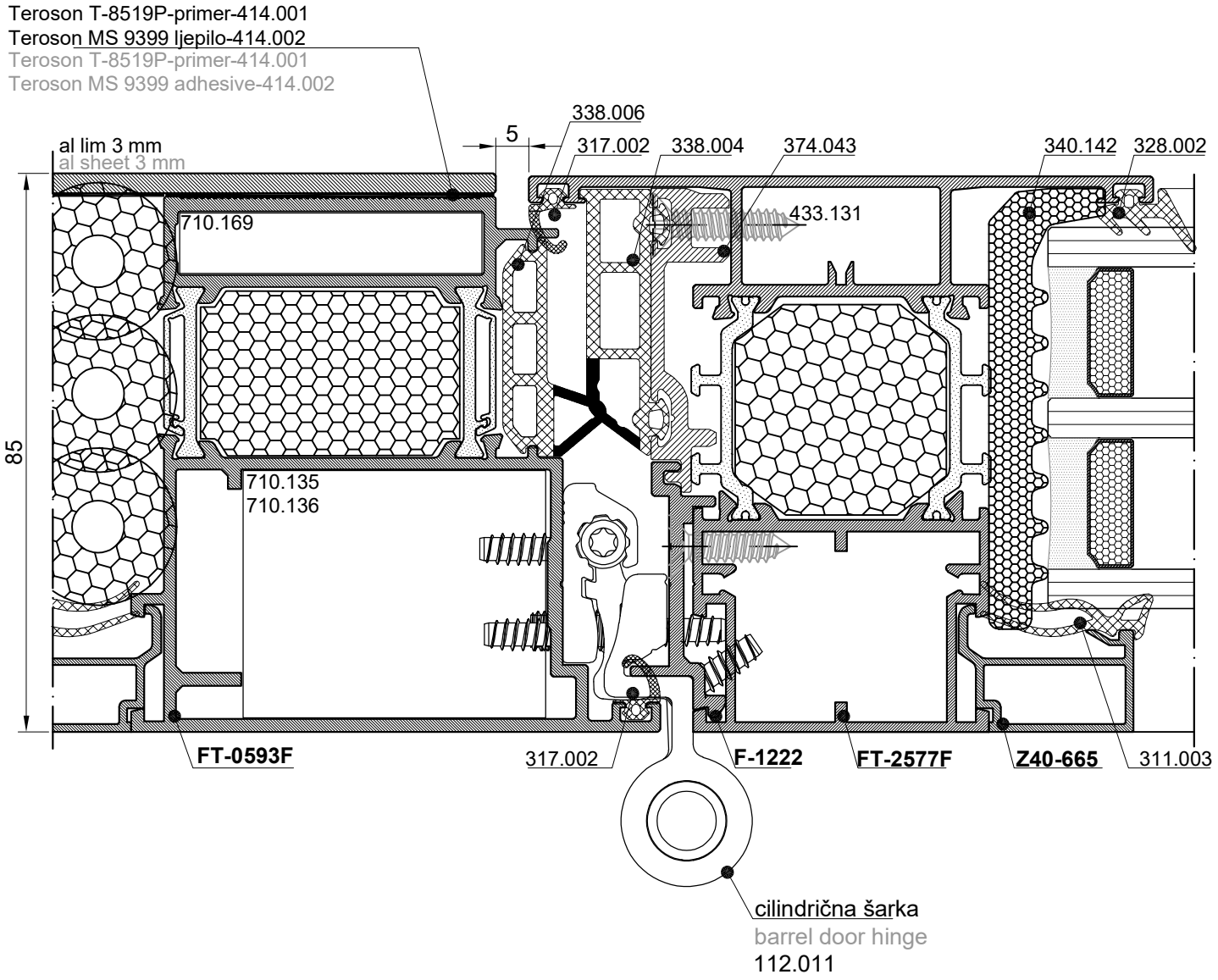




Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

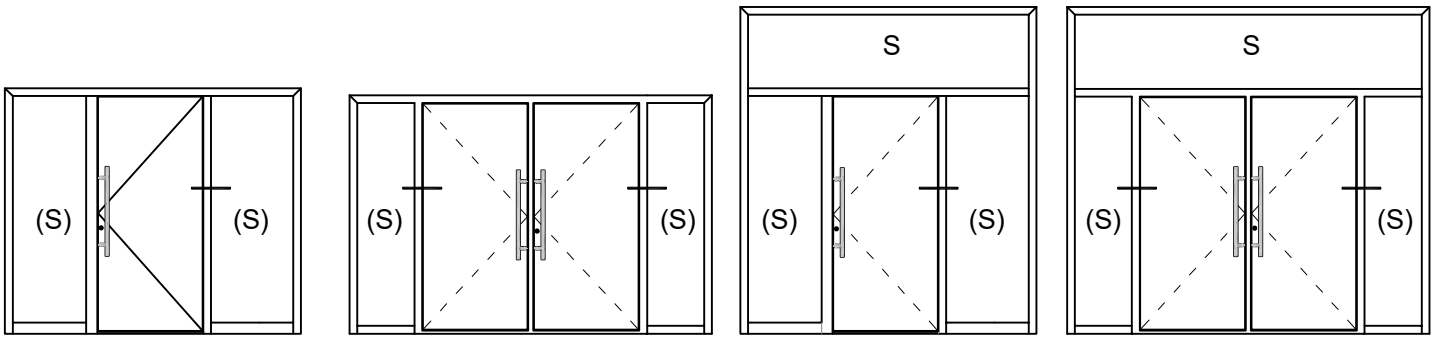
PRESJEK-8
CROSS PRESJEK-8

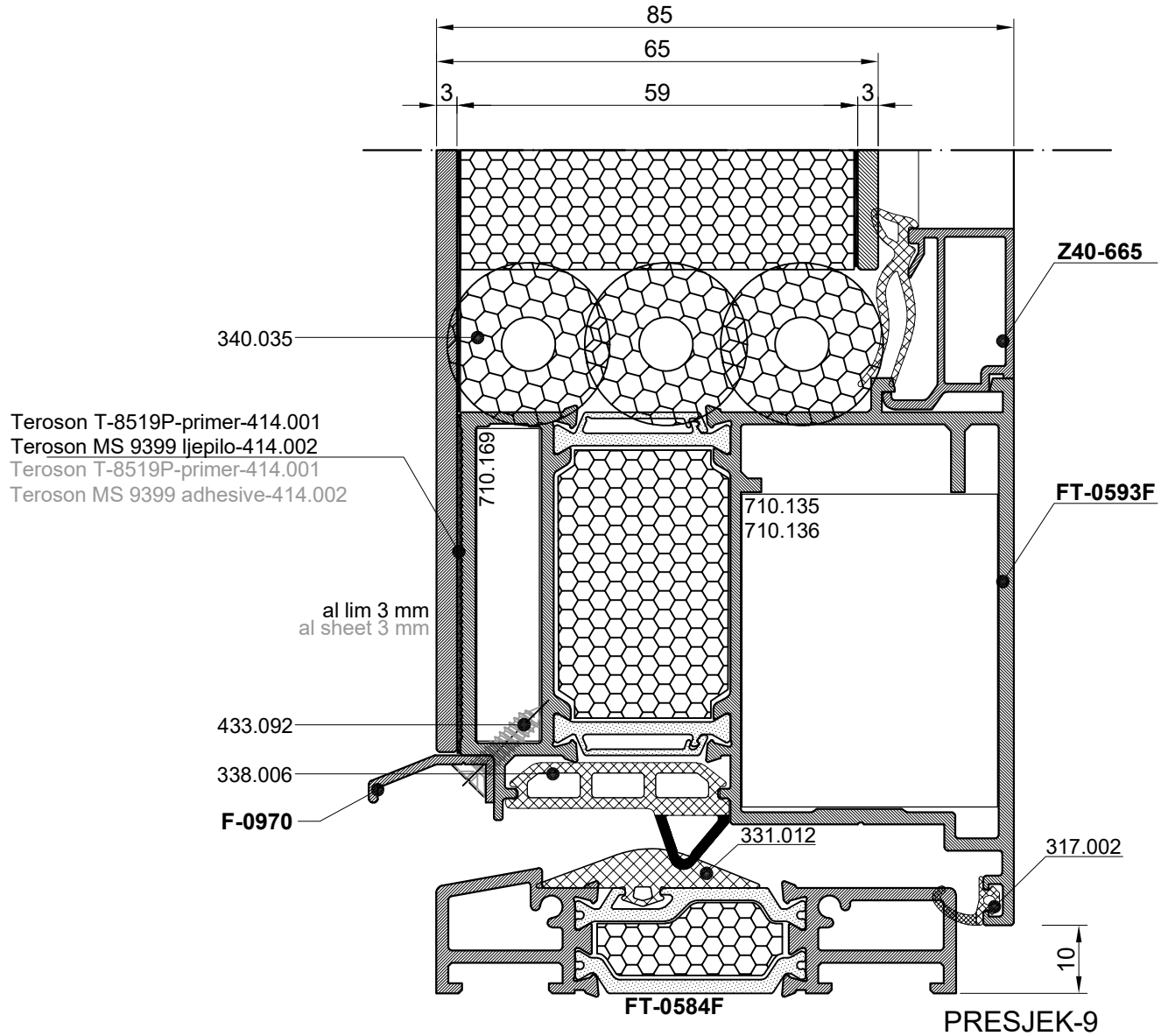




Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

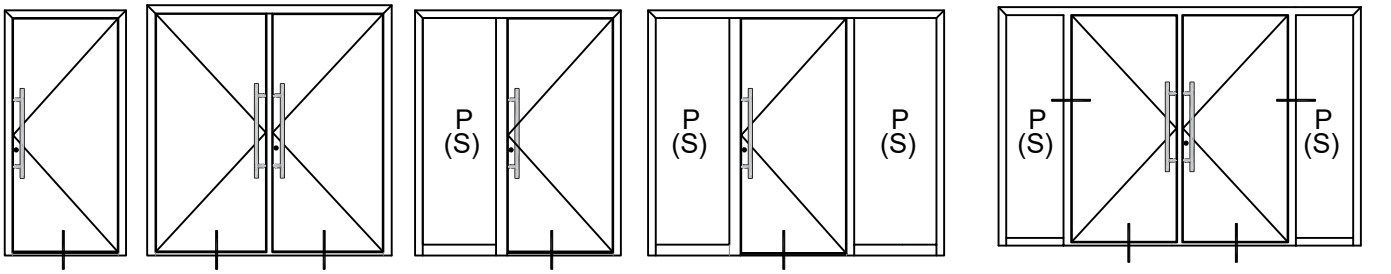
PRESJEK-8A
CROSS SECTION-8A

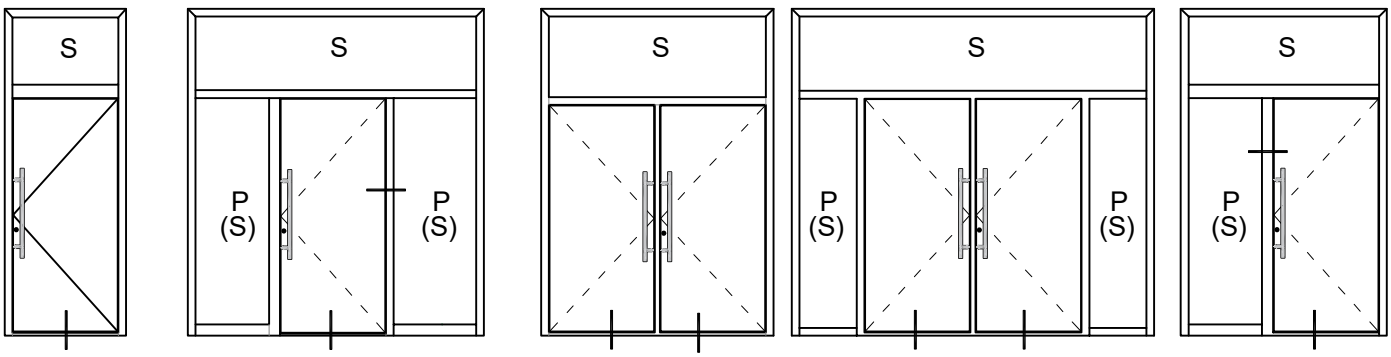


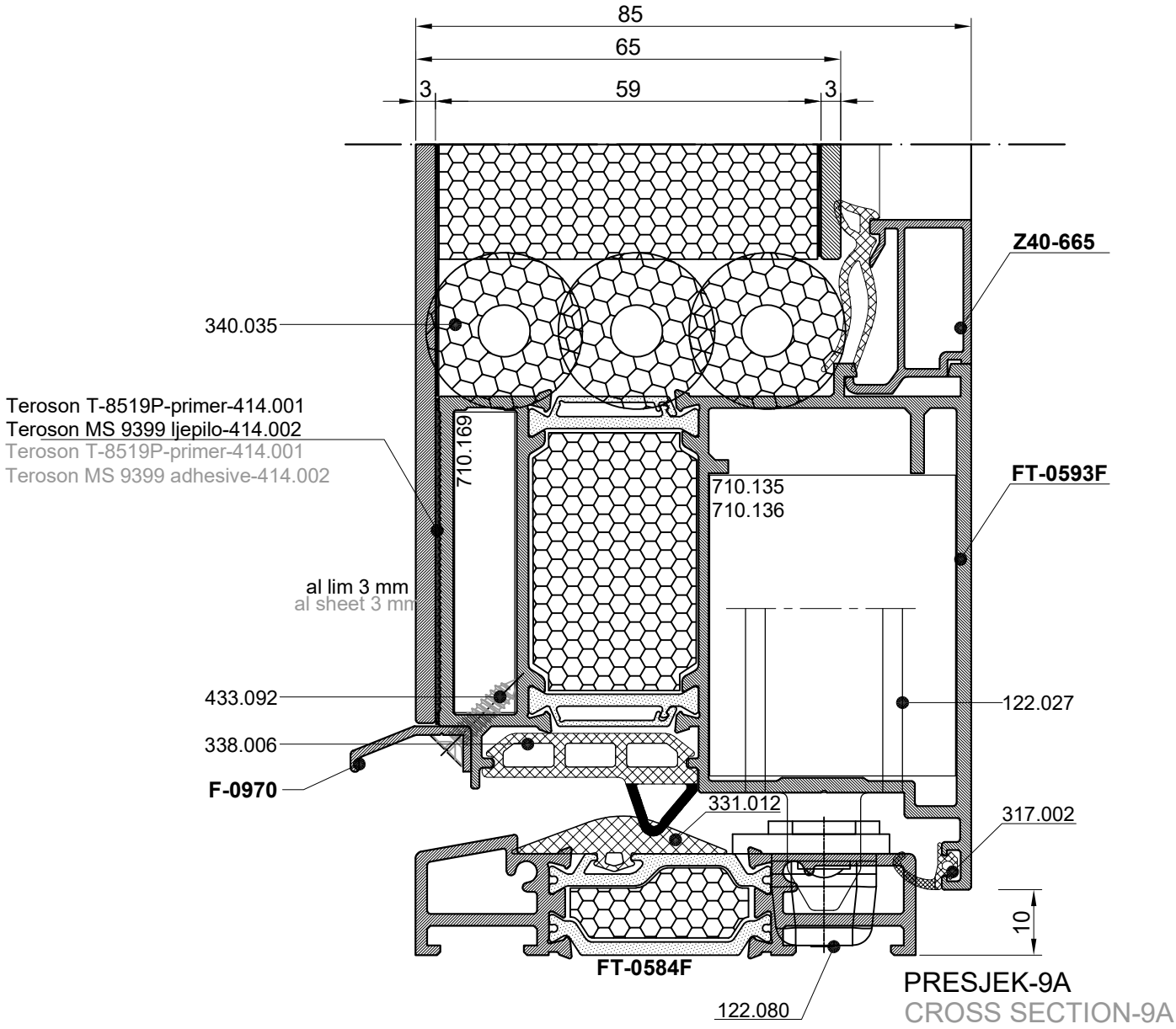


PRESJEK-9
CROSS SECTION-9

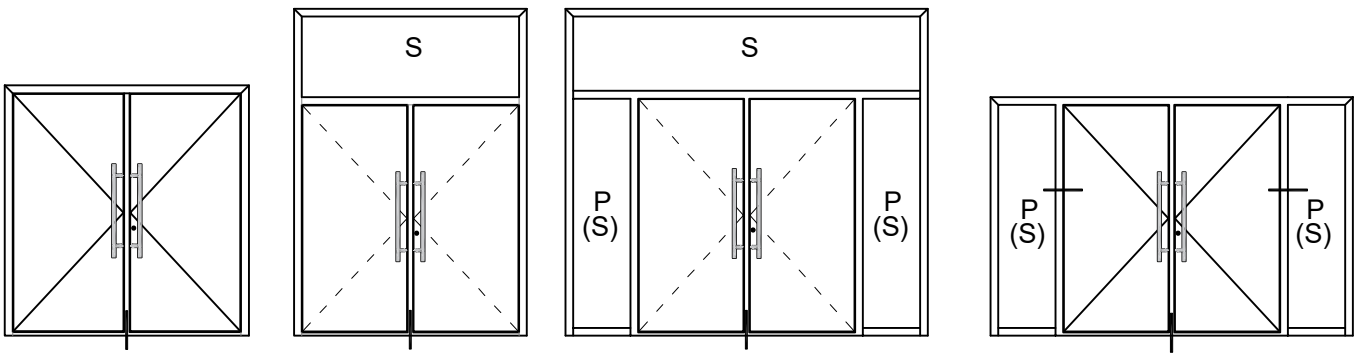
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

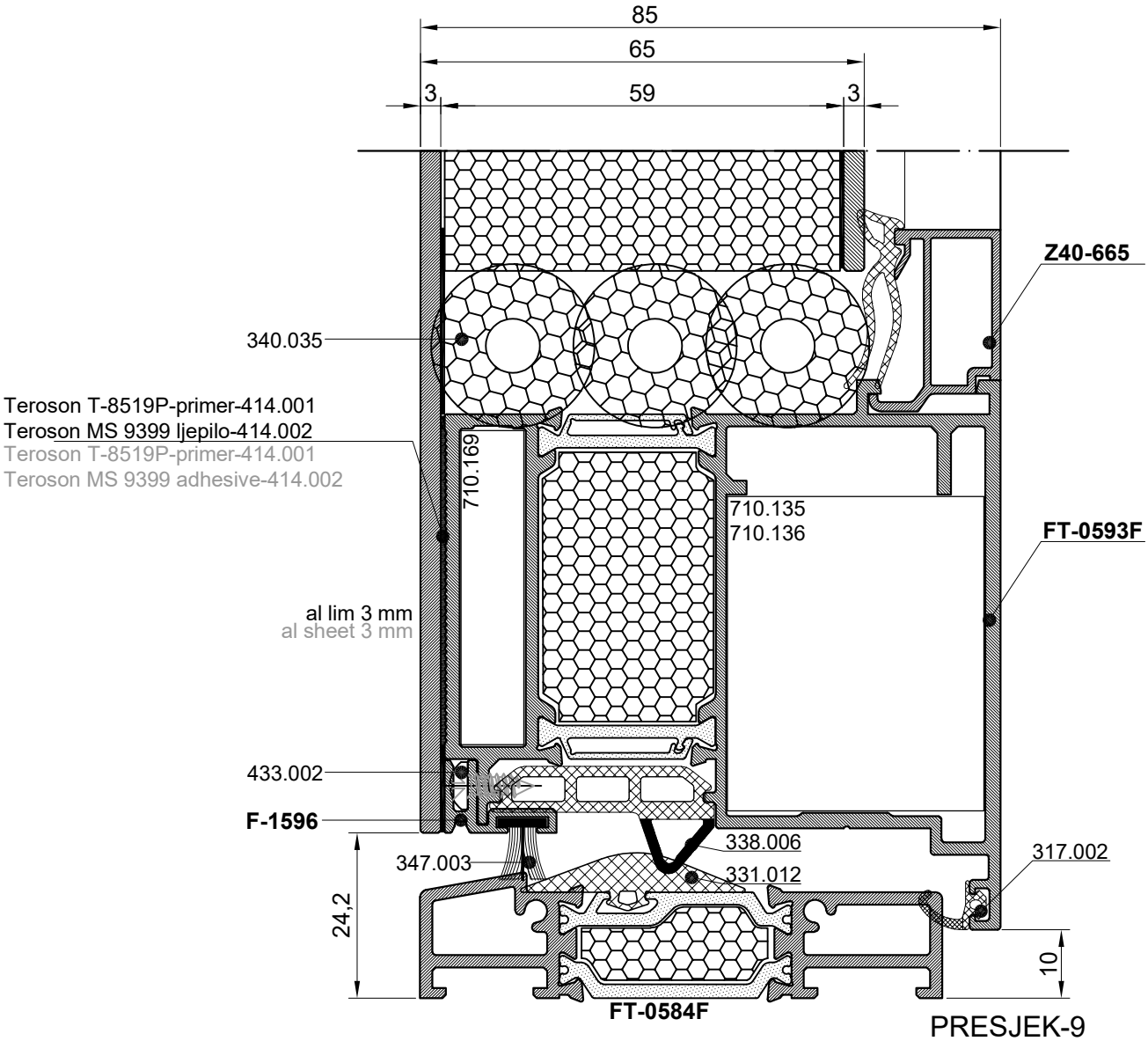






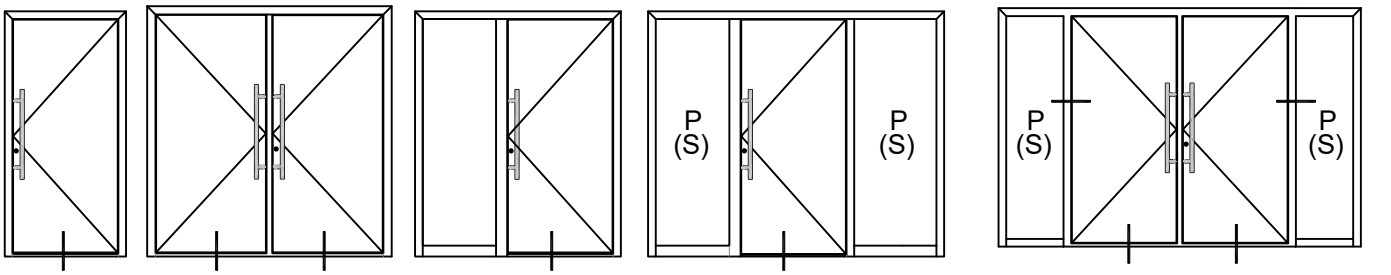
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

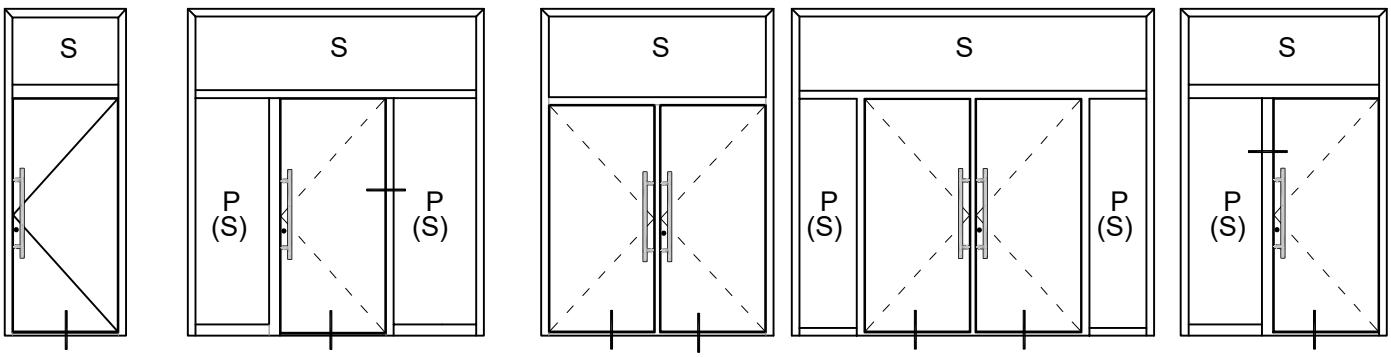


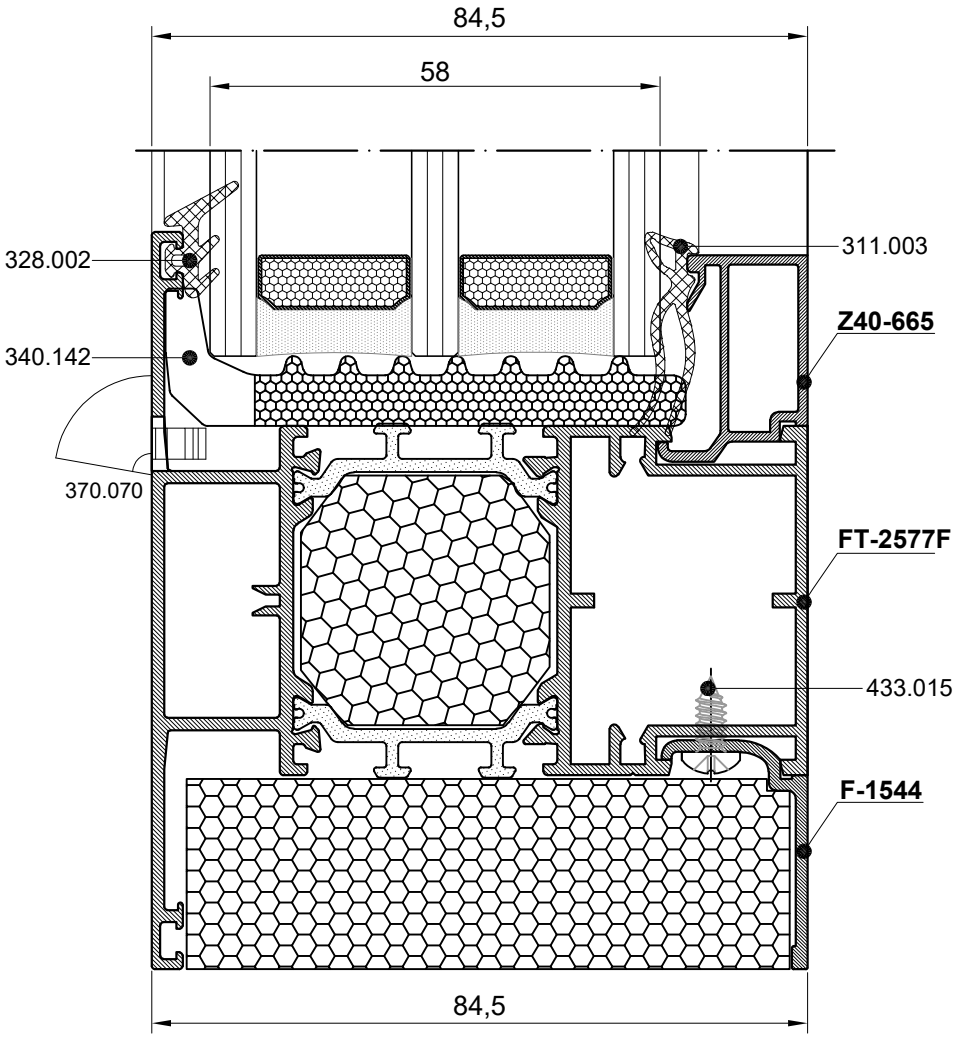


PRESJEK-9
CROSS SECTION-9

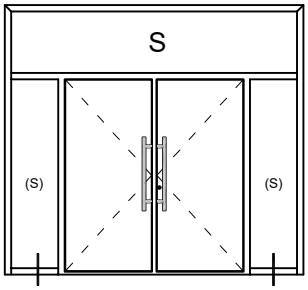
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

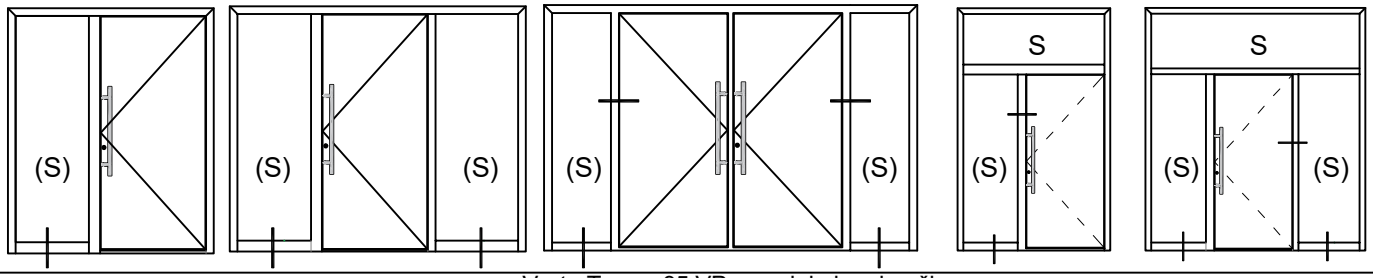




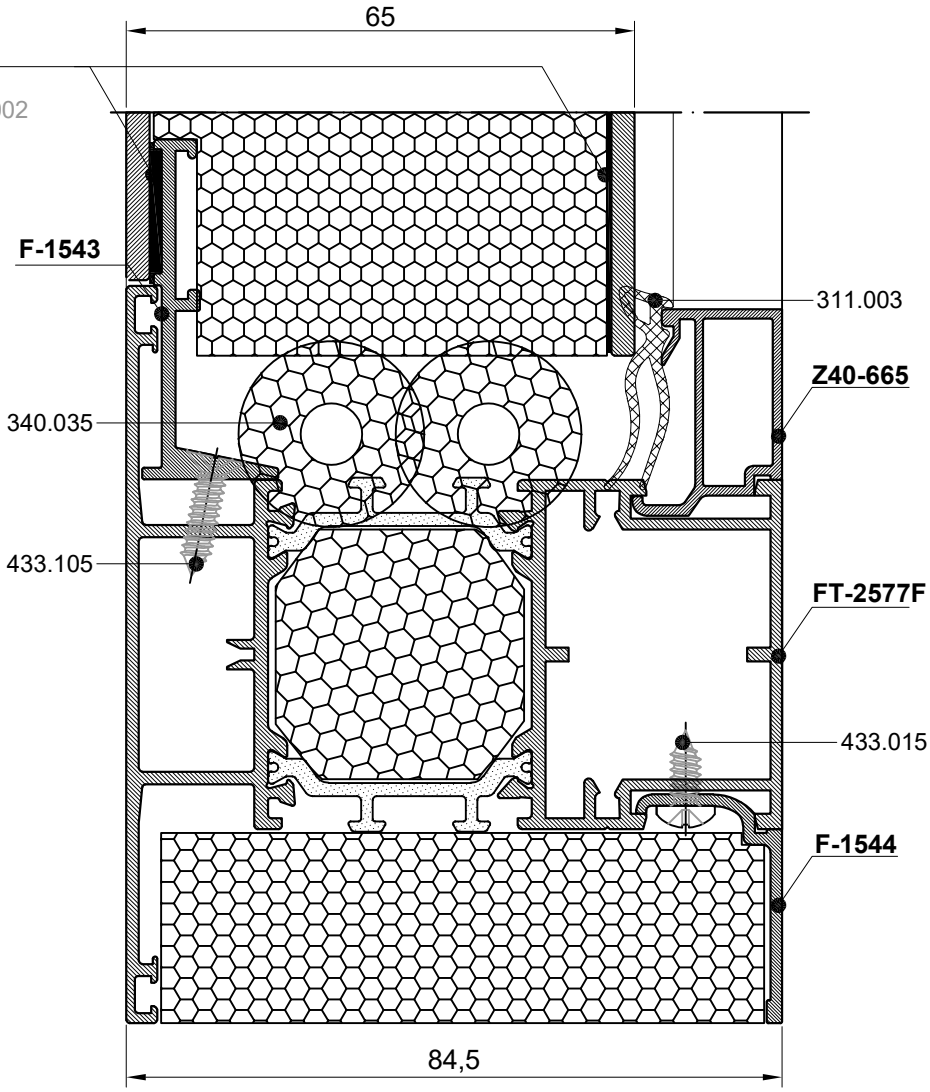


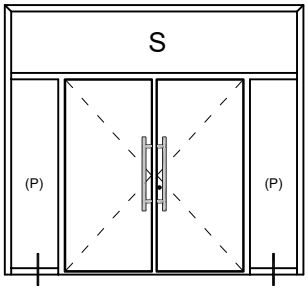
PRESJEK-10A
CROSS SECTION-10A

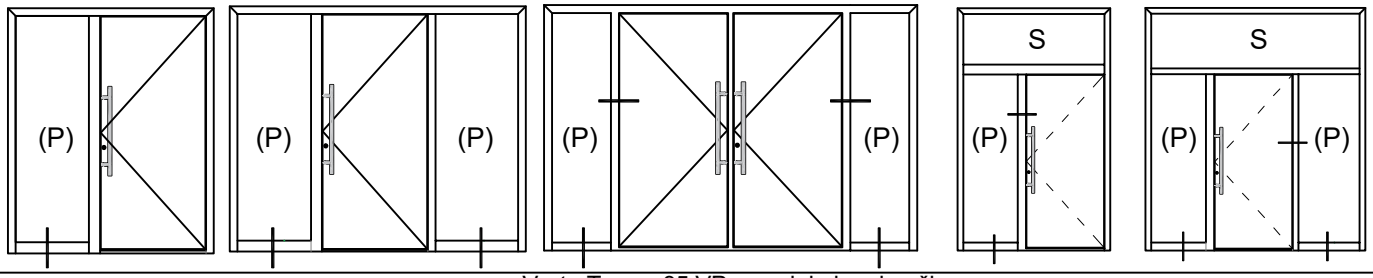


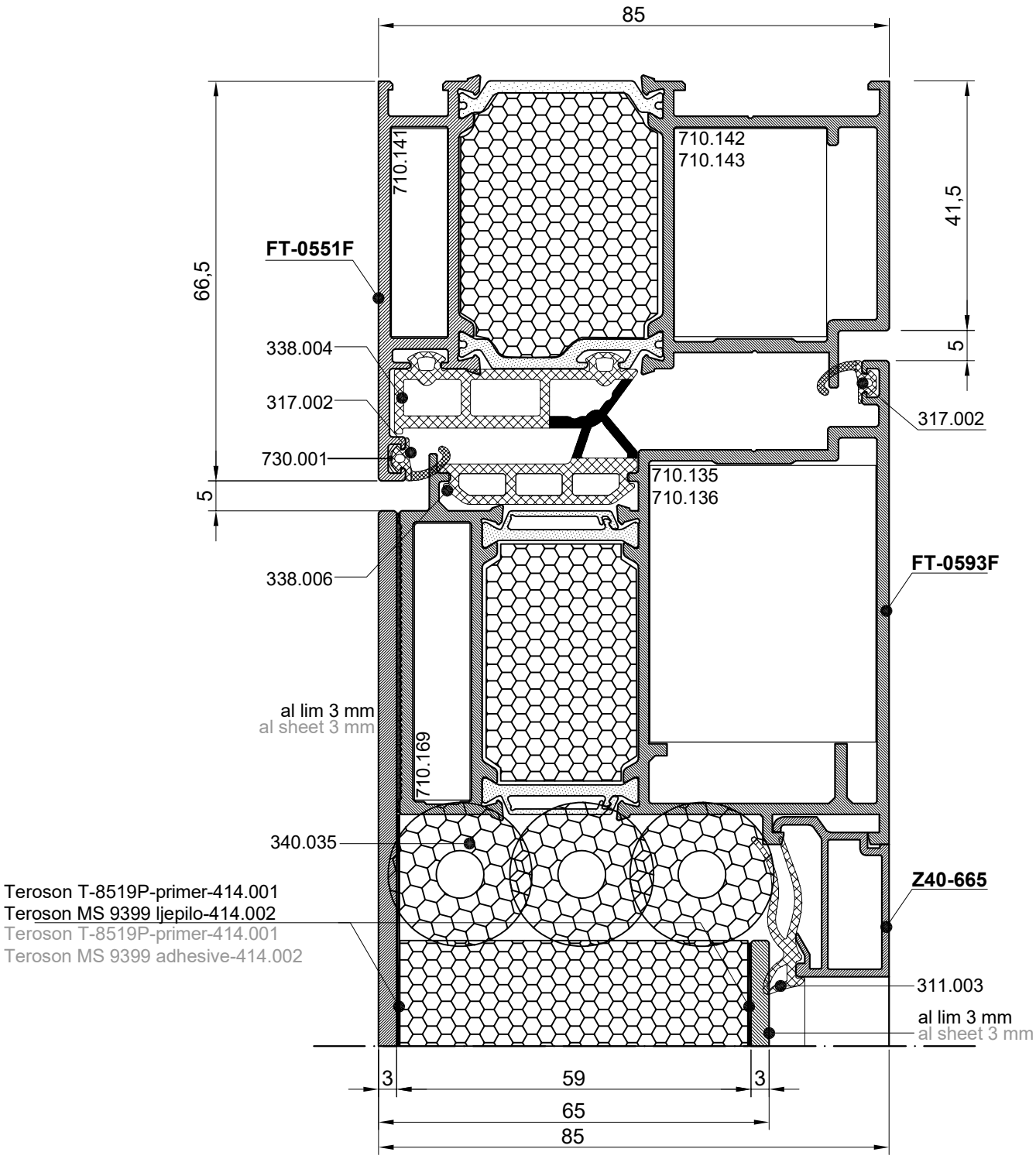


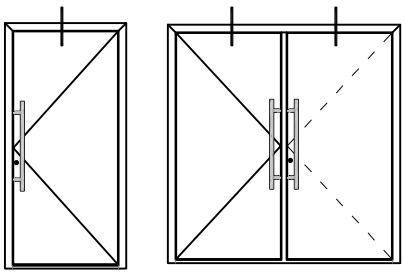
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Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002





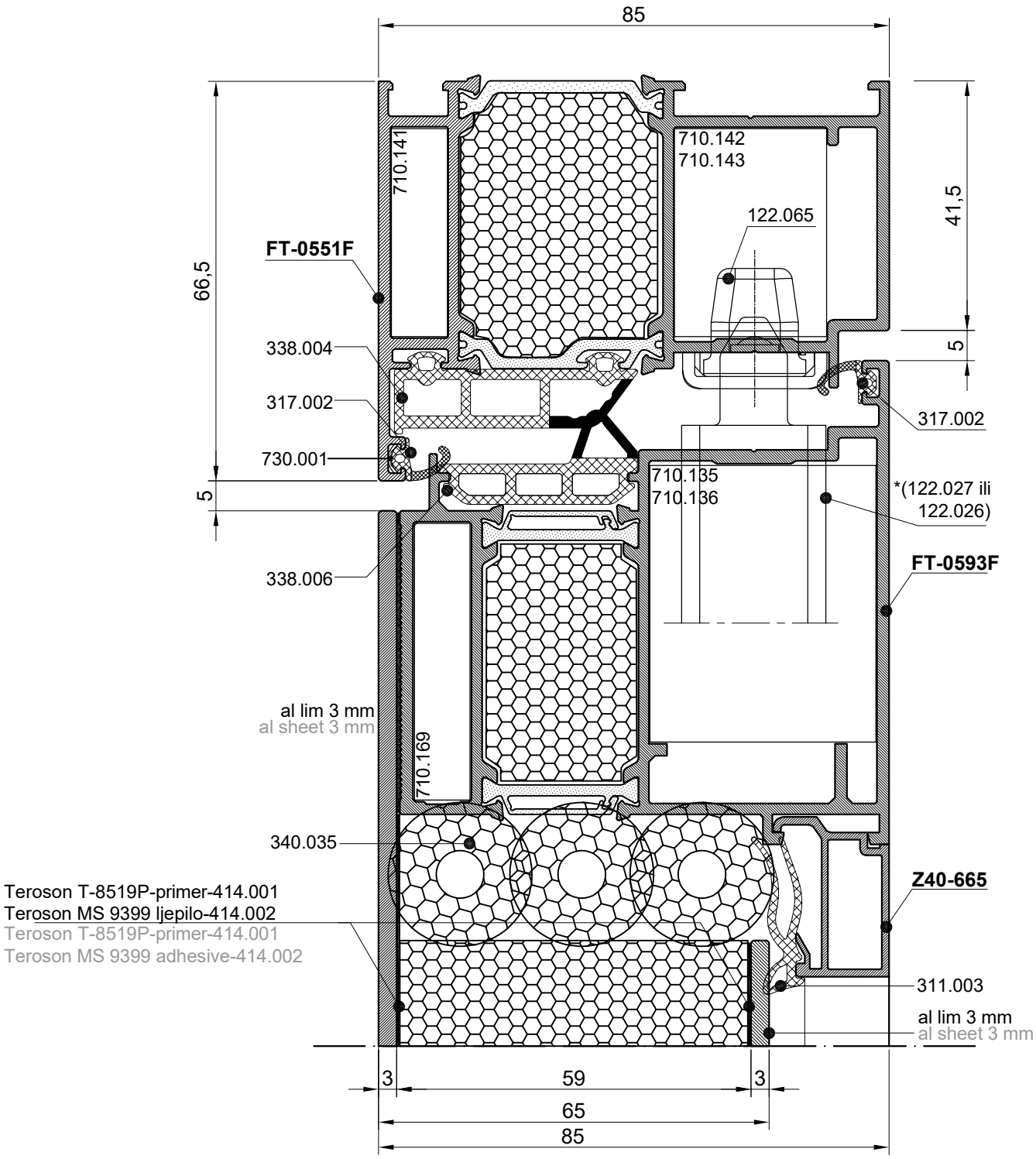


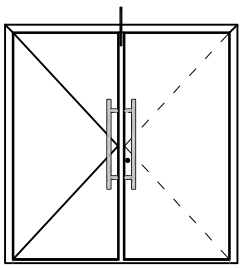




Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

PRESJEK-11
CROSS SECTION-11

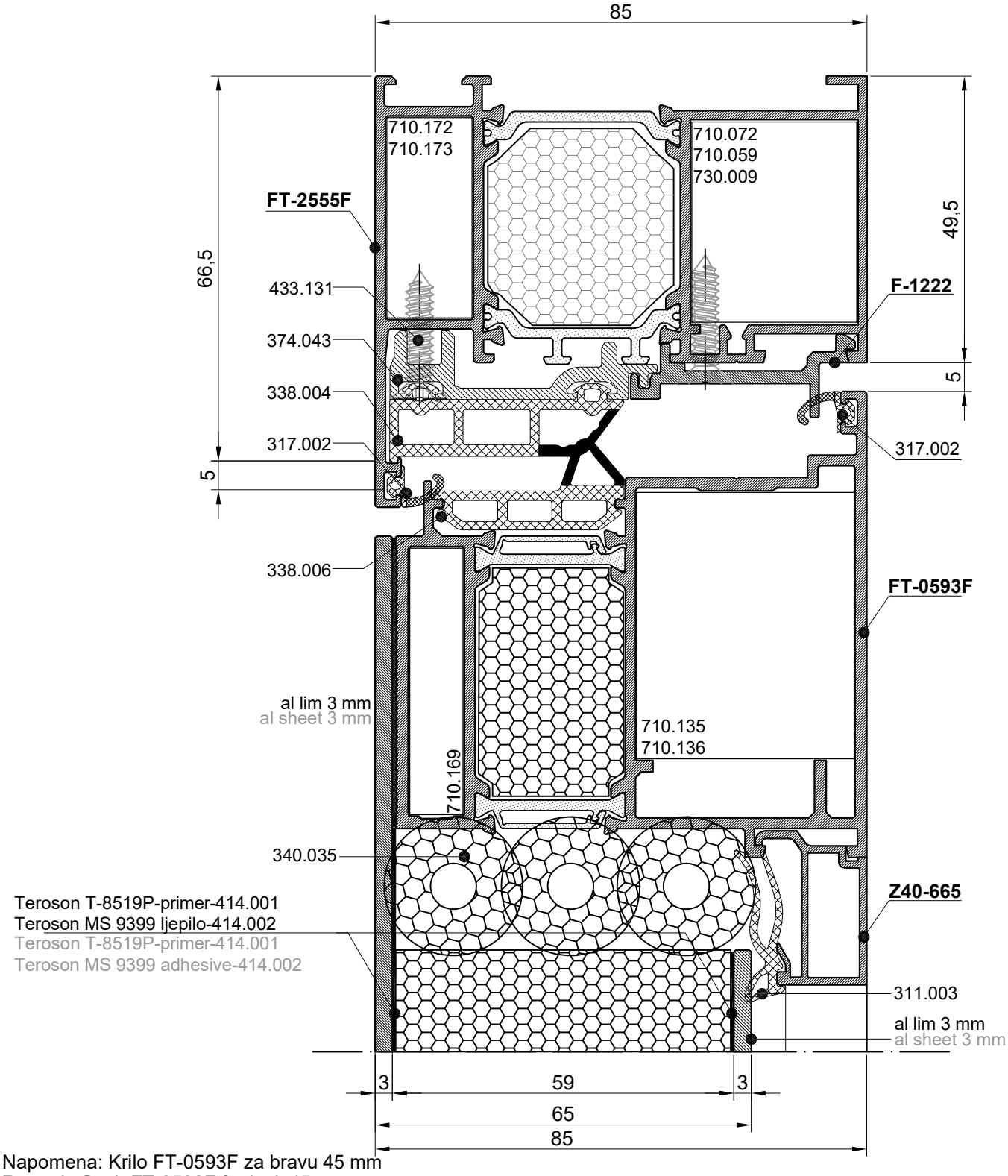




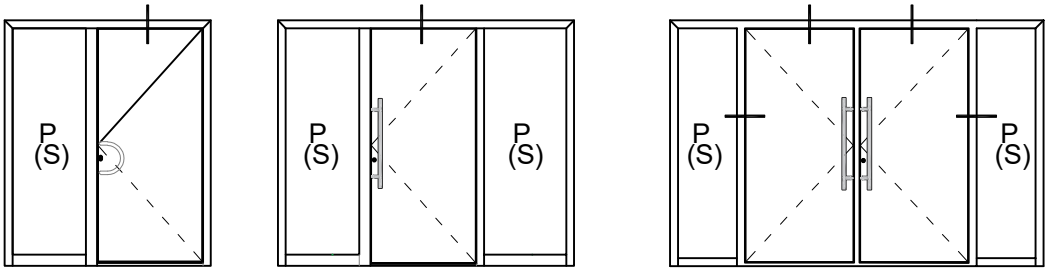
* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata.
Za više informacija pogledajte poglavlje mehanizmi.
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

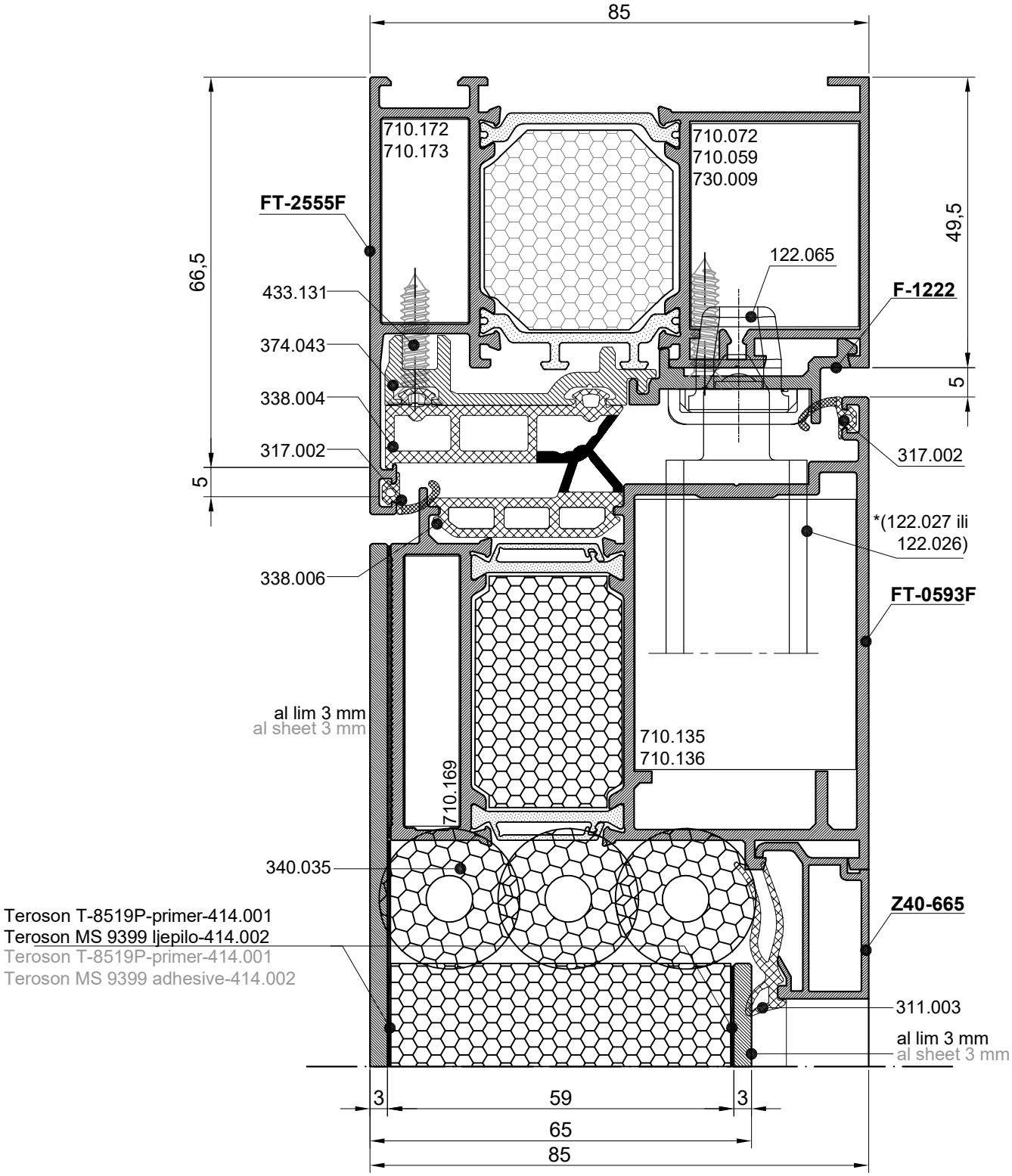
PRESJEK-11A
CROSS SECTION-11A

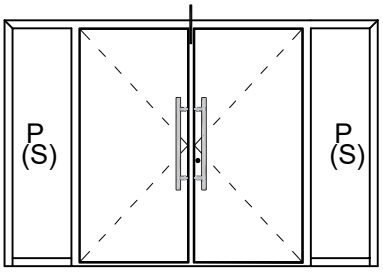


Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm



PRESJEK-12
CROSS SECTION-12

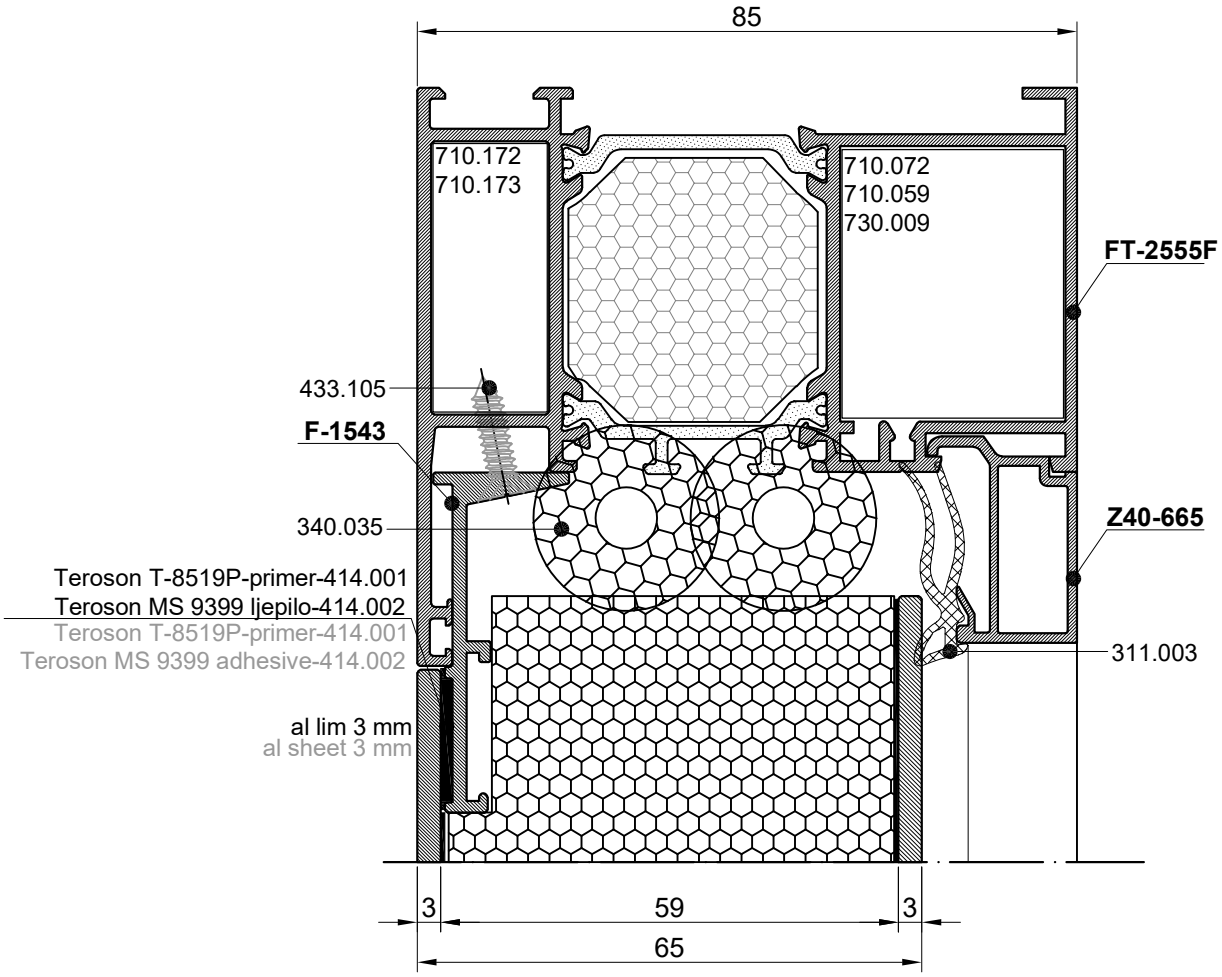


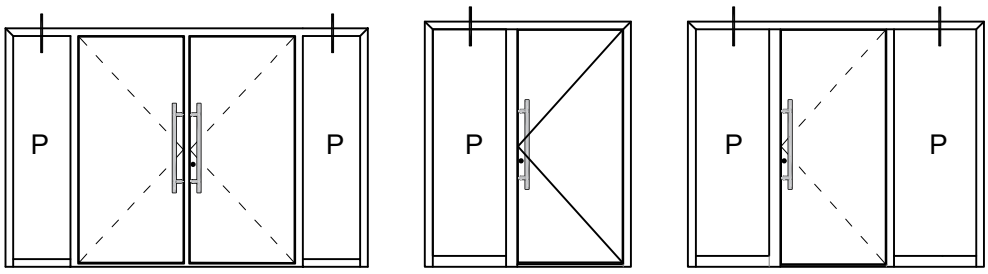


* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata.
Za više informacija pogledajte poglavlje mehanizmi.
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

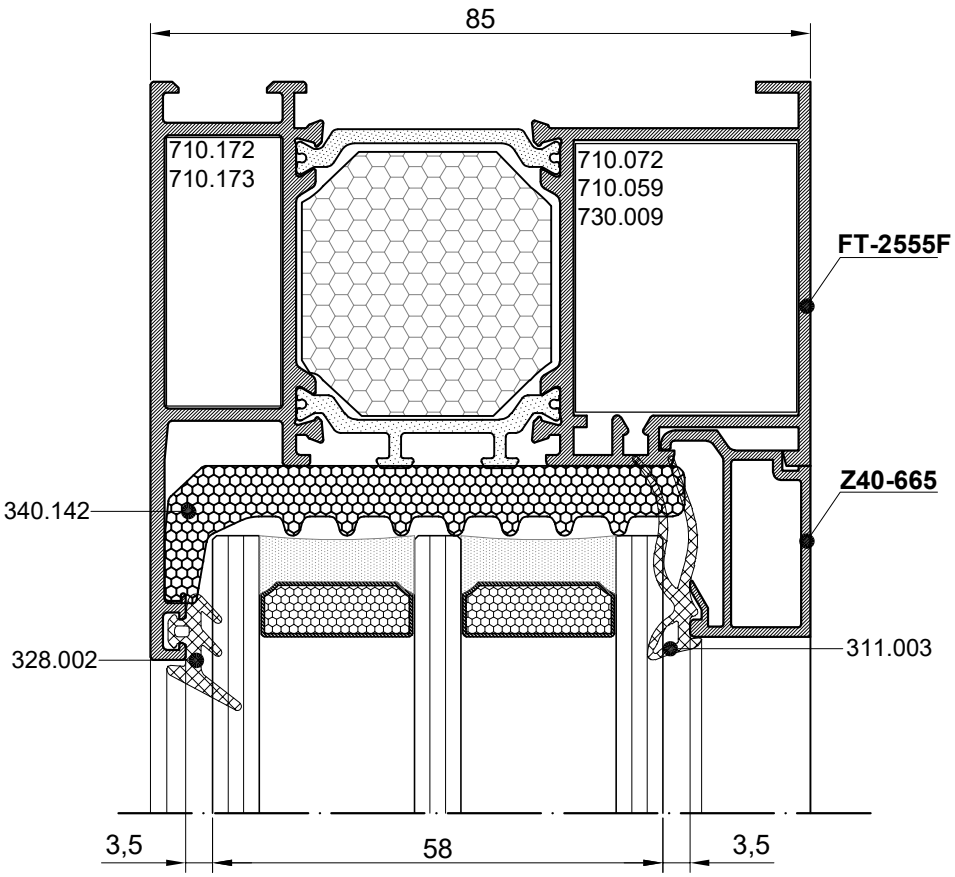
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

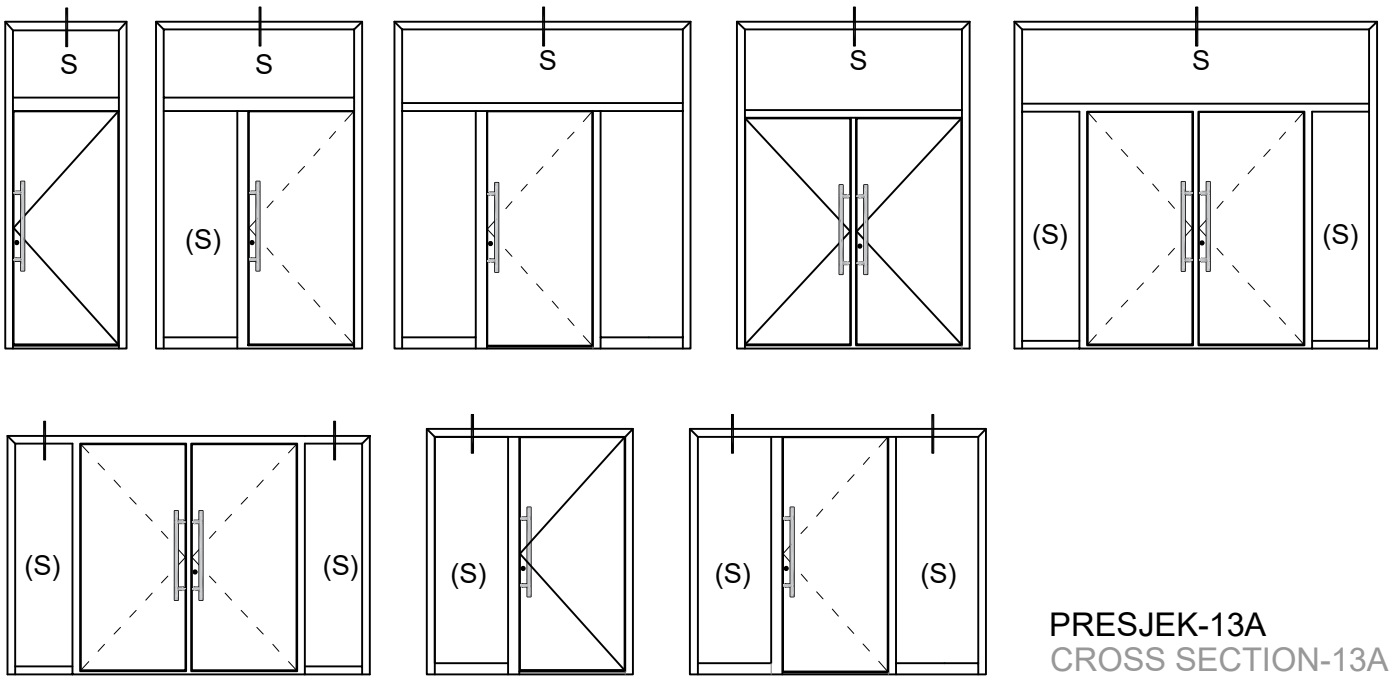
PRESJEK-12A
CROSS SECTION-12A



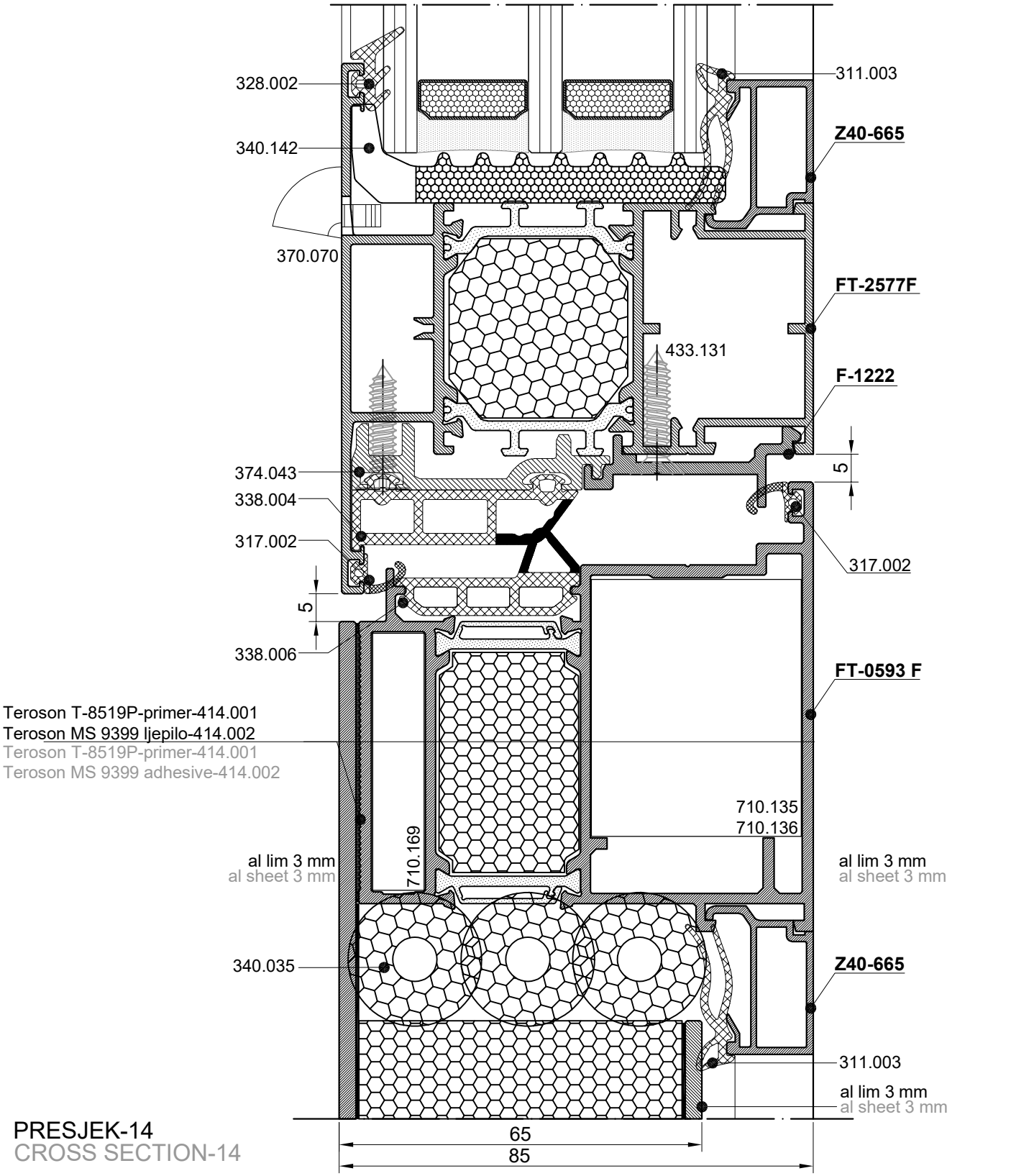


PRESJEK-13
CROSS SECTION-13

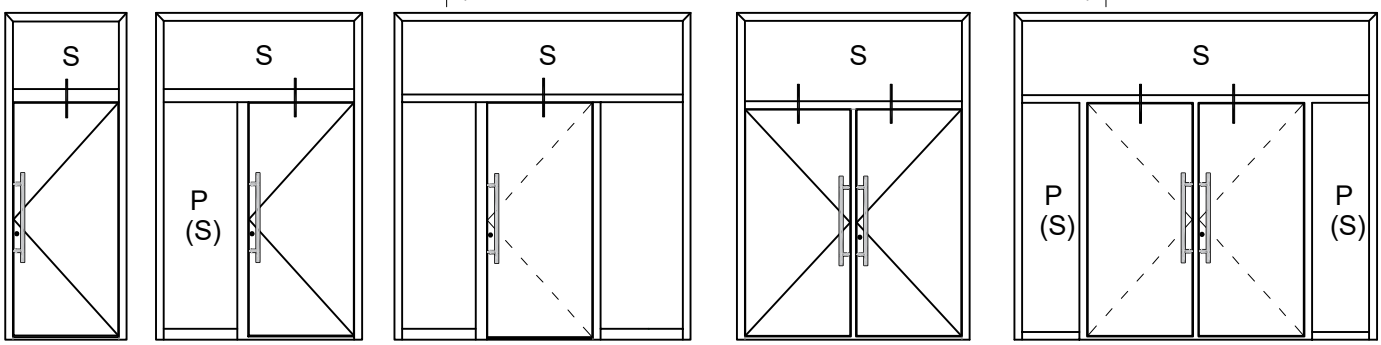


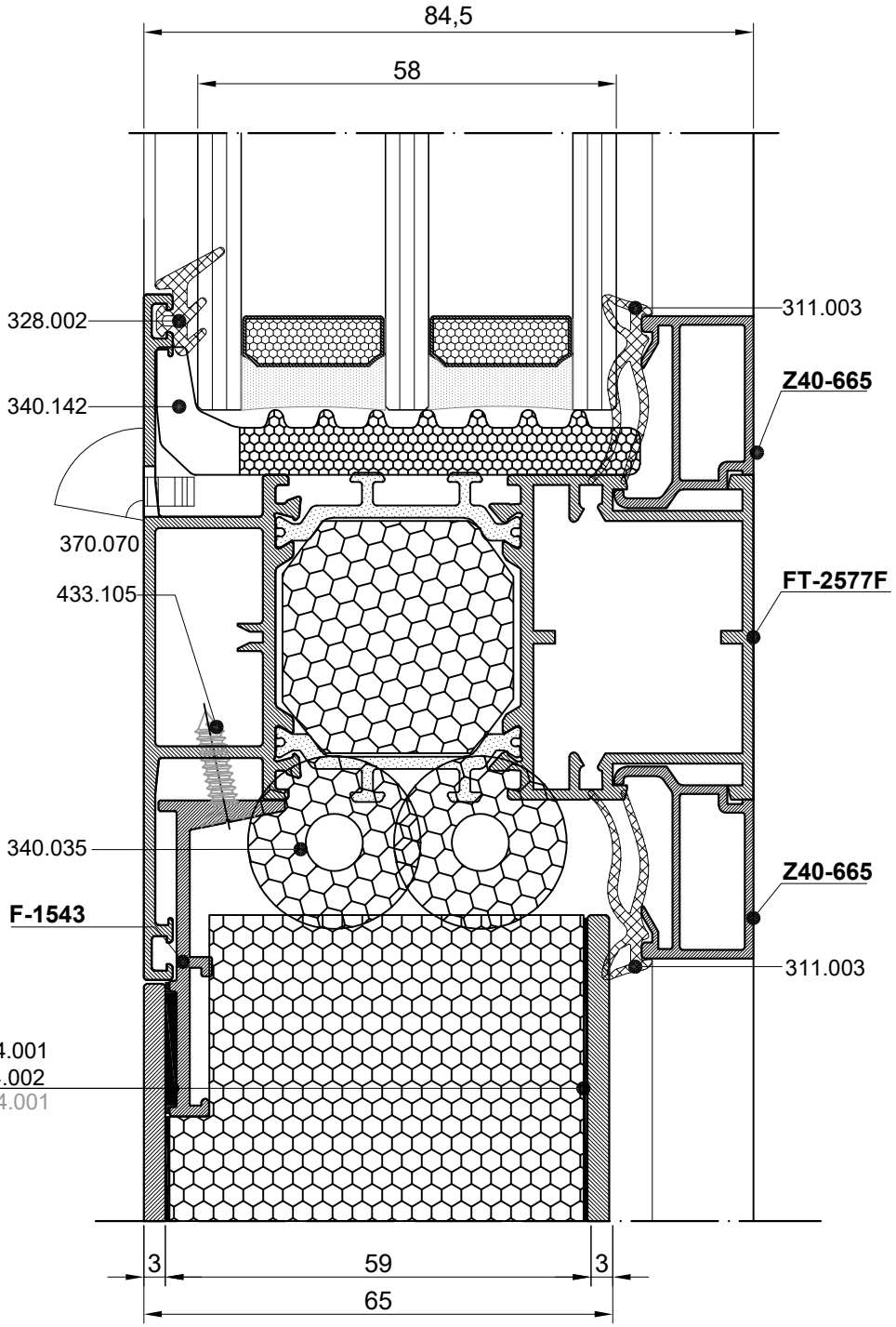


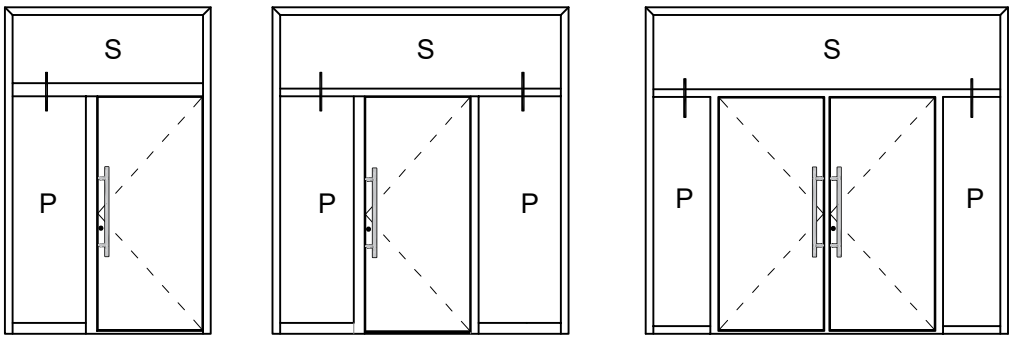
PRESJEK-13A
CROSS SECTION-13A



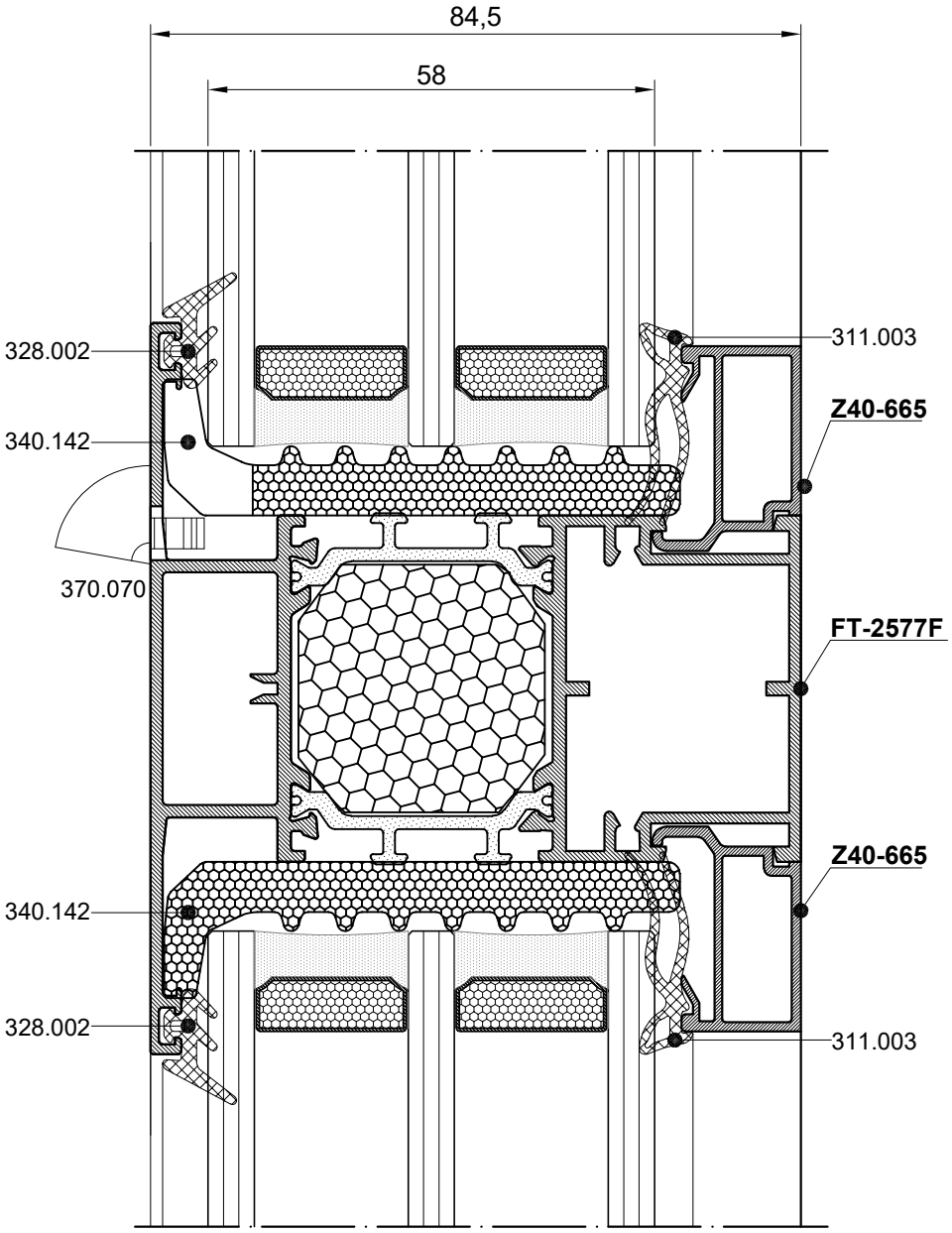
PRESJEK-14
CROSS SECTION-14

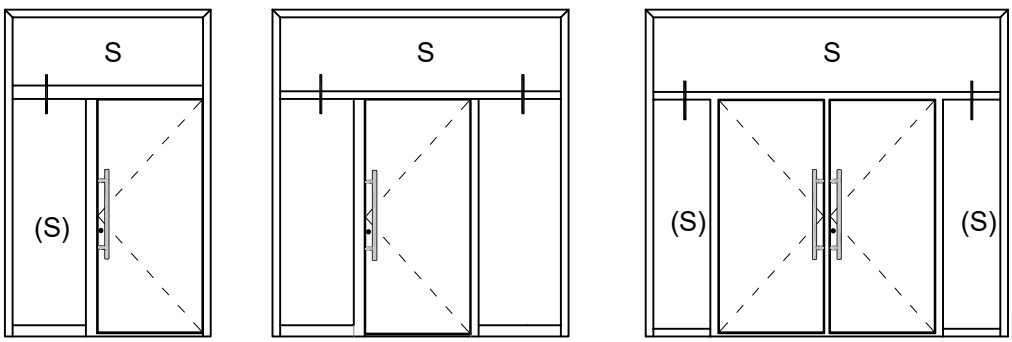




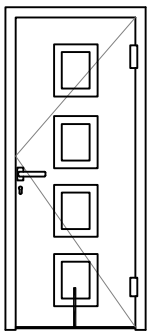


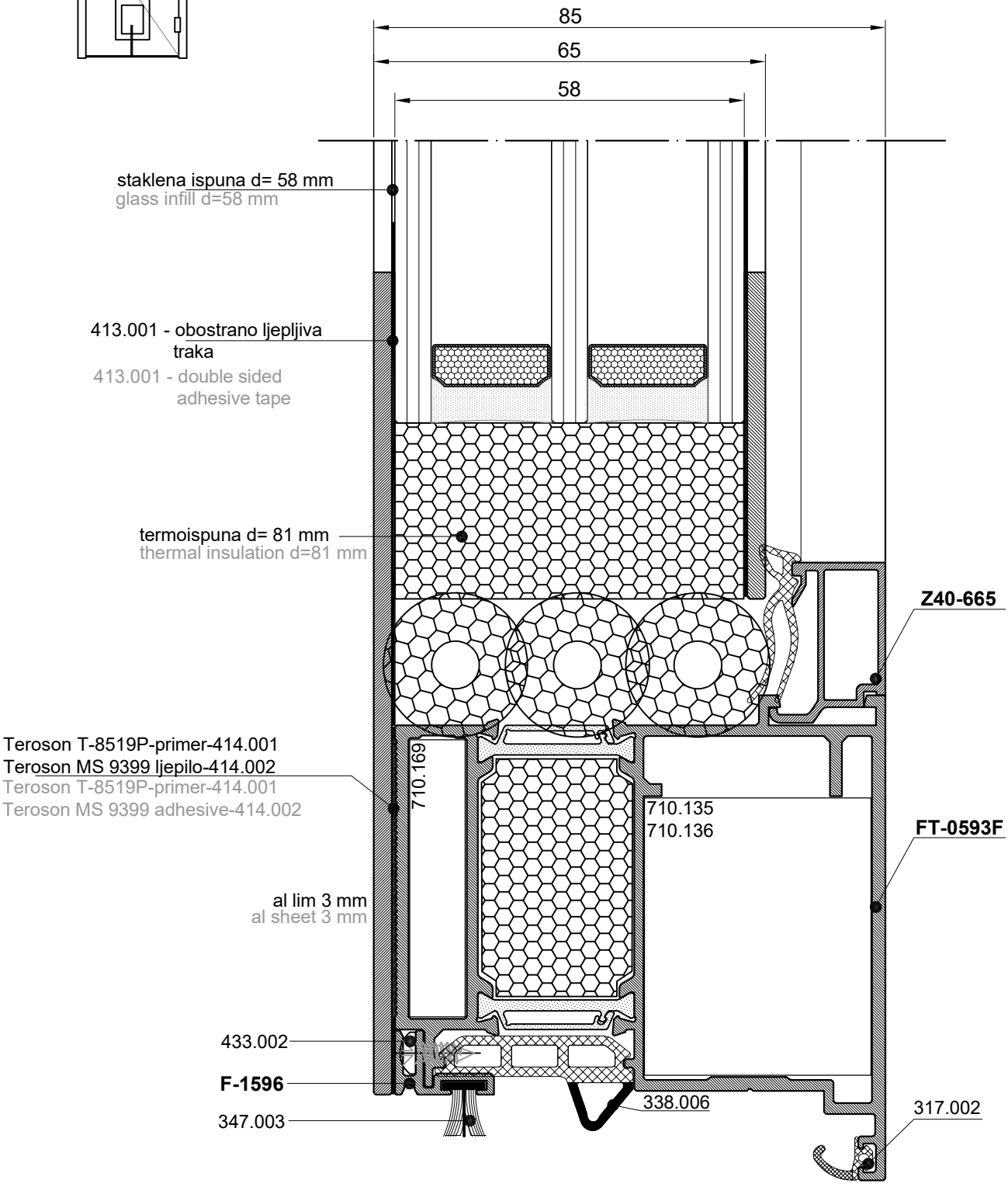
PRESJEK-15
CROSS SECTION-15



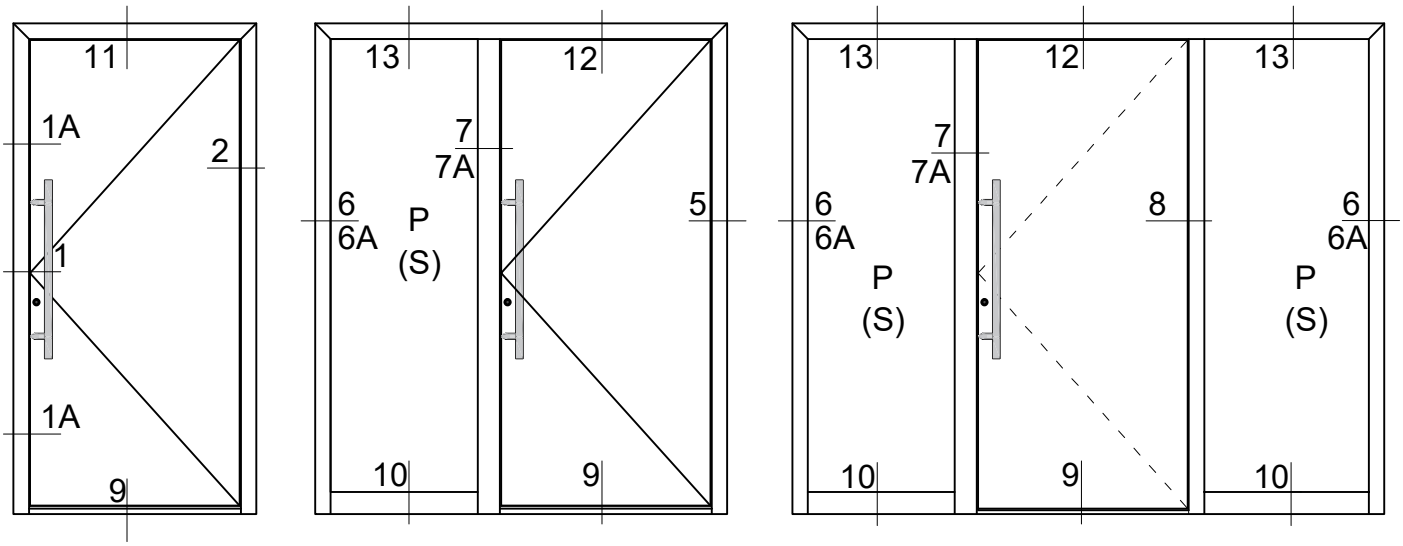


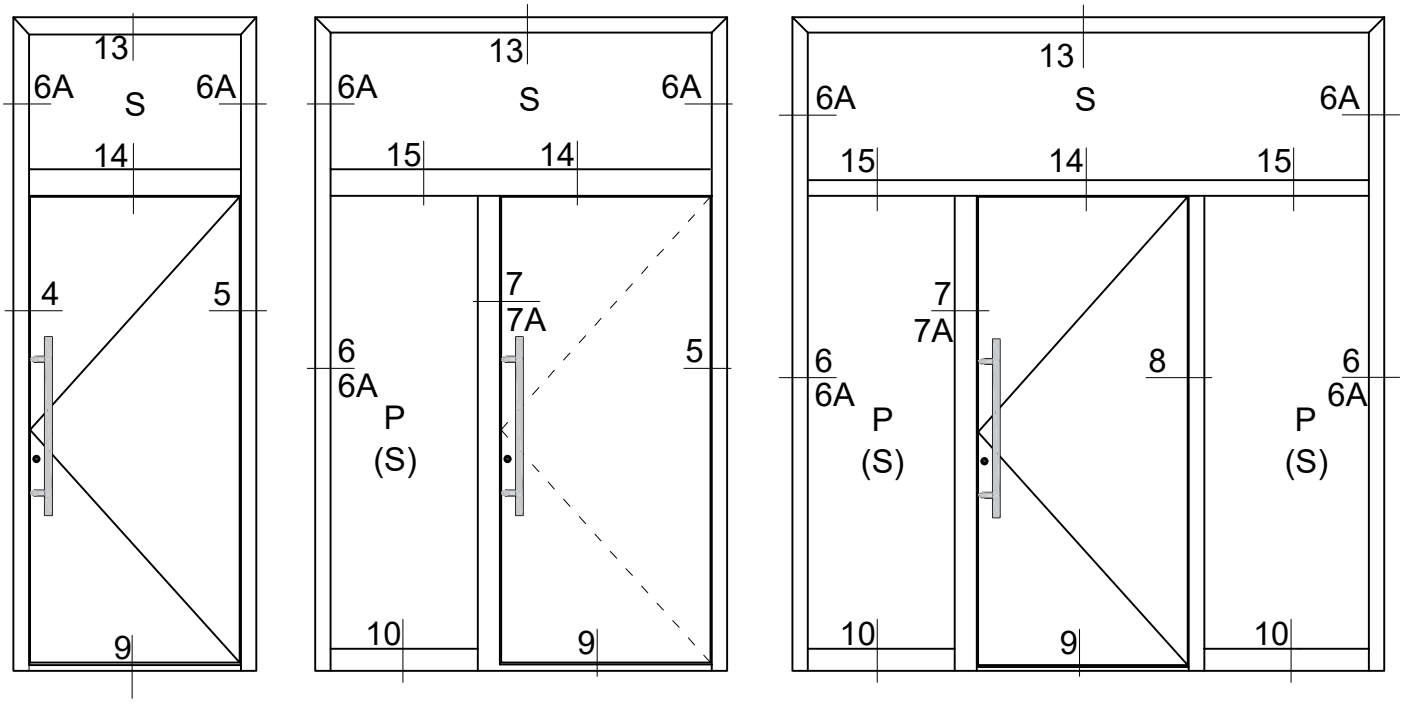
PRESJEK-15A
CROSS SECTION-15A

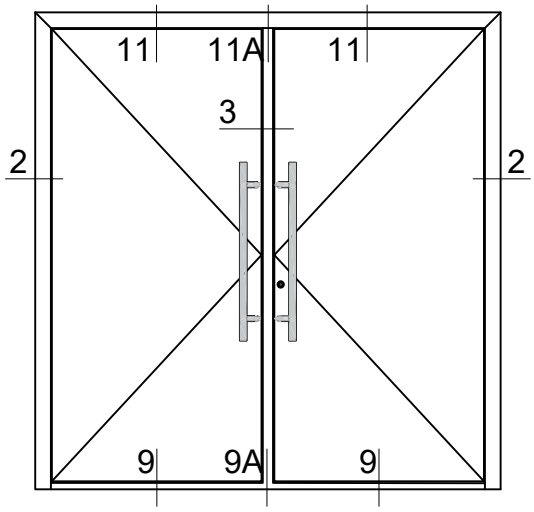


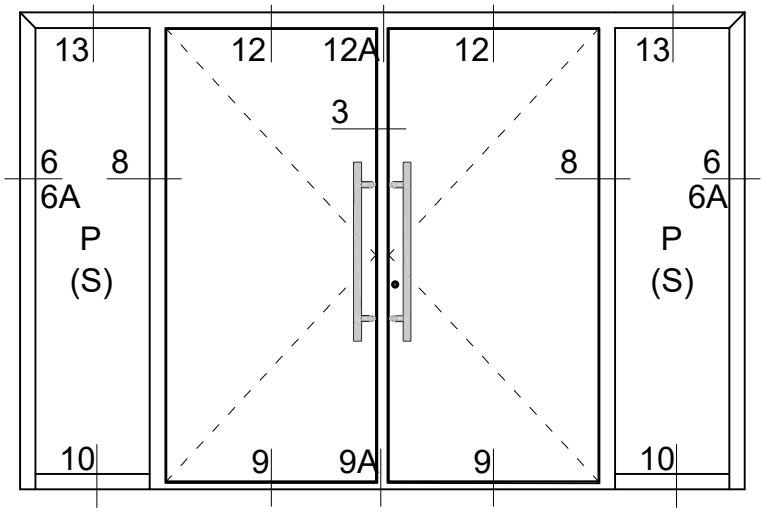

85
65
58
staklena ispuna d= 58 mm
glass infill d=58 mm
413.001 - obostrano ljepljiva traka
413.001 - double sided adhesive tape
termoispuna d= 81 mm
thermal insulation d=81 mm
Z40-665
Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002
710.169
710.135
710.136
FT-0593F
al lim 3 mm
al sheet 3 mm
433.002
F-1596
347.003
338.006
317.002

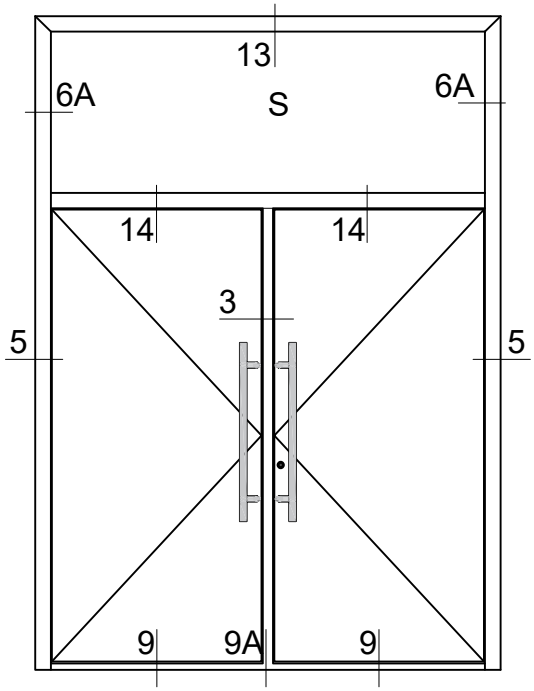
-vrata Termo 85 VP otvaranje unutra-
-obostrano lim-
-door Termo 85 VP inside opening-
-both side sash-

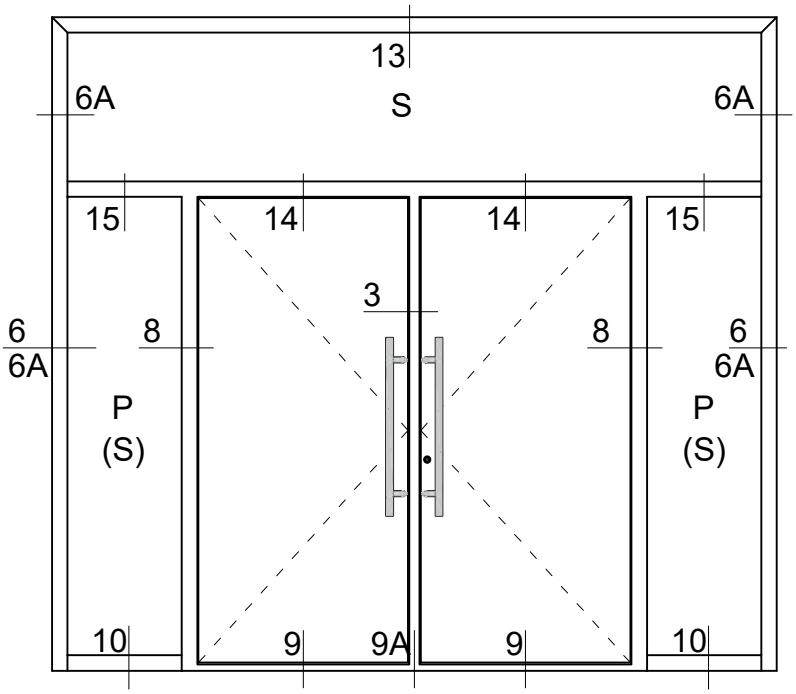

11
1A
2
1
1A
9
13
12
7
7A
6
6A
P
(S)
5
10
9
13
12
13
7
7A
6
6A
P
(S)
8
6
6A
P
(S)
10
9
10

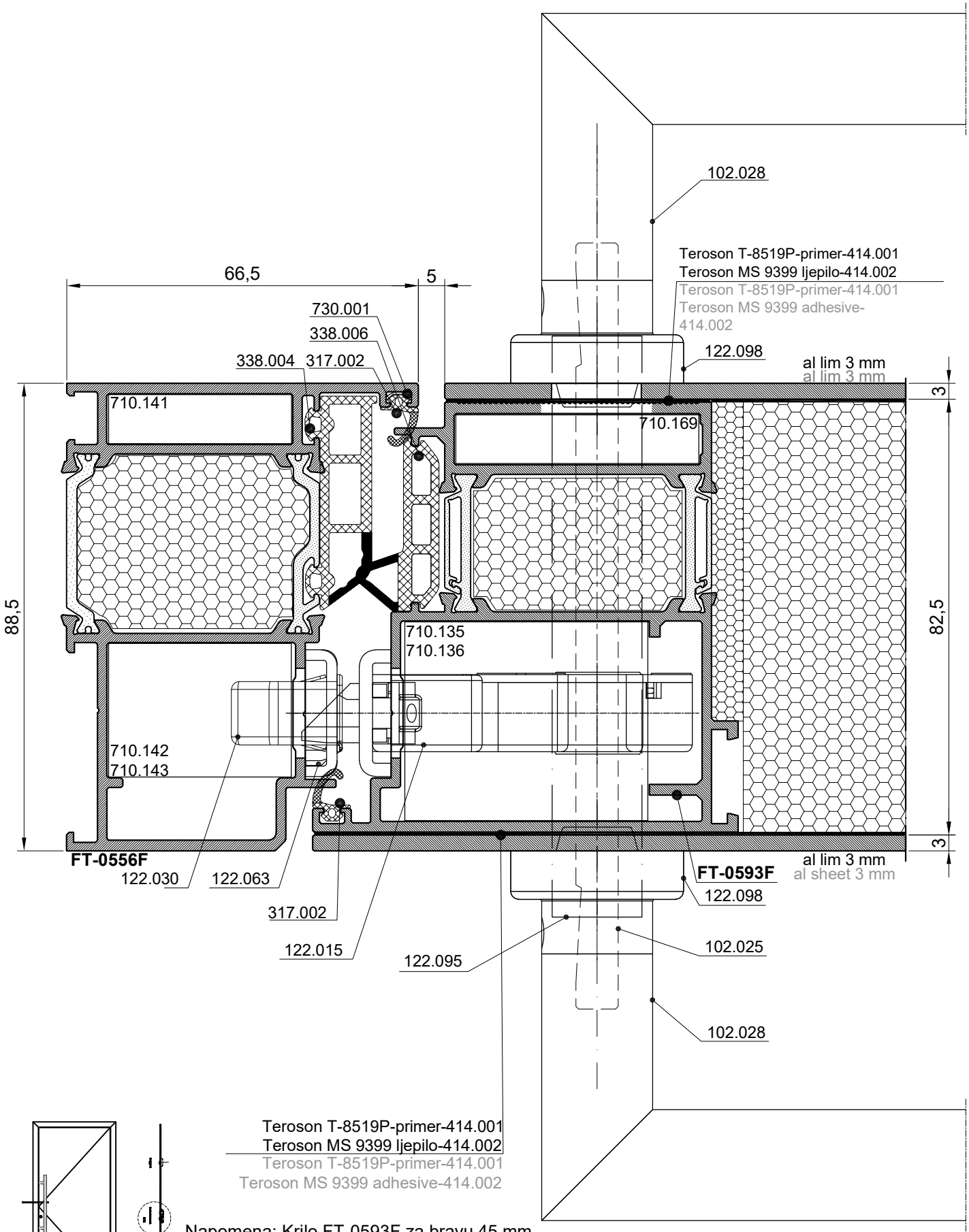

13
6A
S
6A
14
4
5
9
13
6A
S
6A
15
14
7
7A
6
6A
P
(S)
5
10
9
13
6A
S
6A
15
14
15
7
7A
6
6A
P
(S)
8
6
6A
P
(S)
10
9
10


11
11A
11
3
2
2
9
9A
9


13
12
12A
12
13
3
6
8
6A
P
(S)
8
6
6A
P
(S)
10
9
9A
9
10

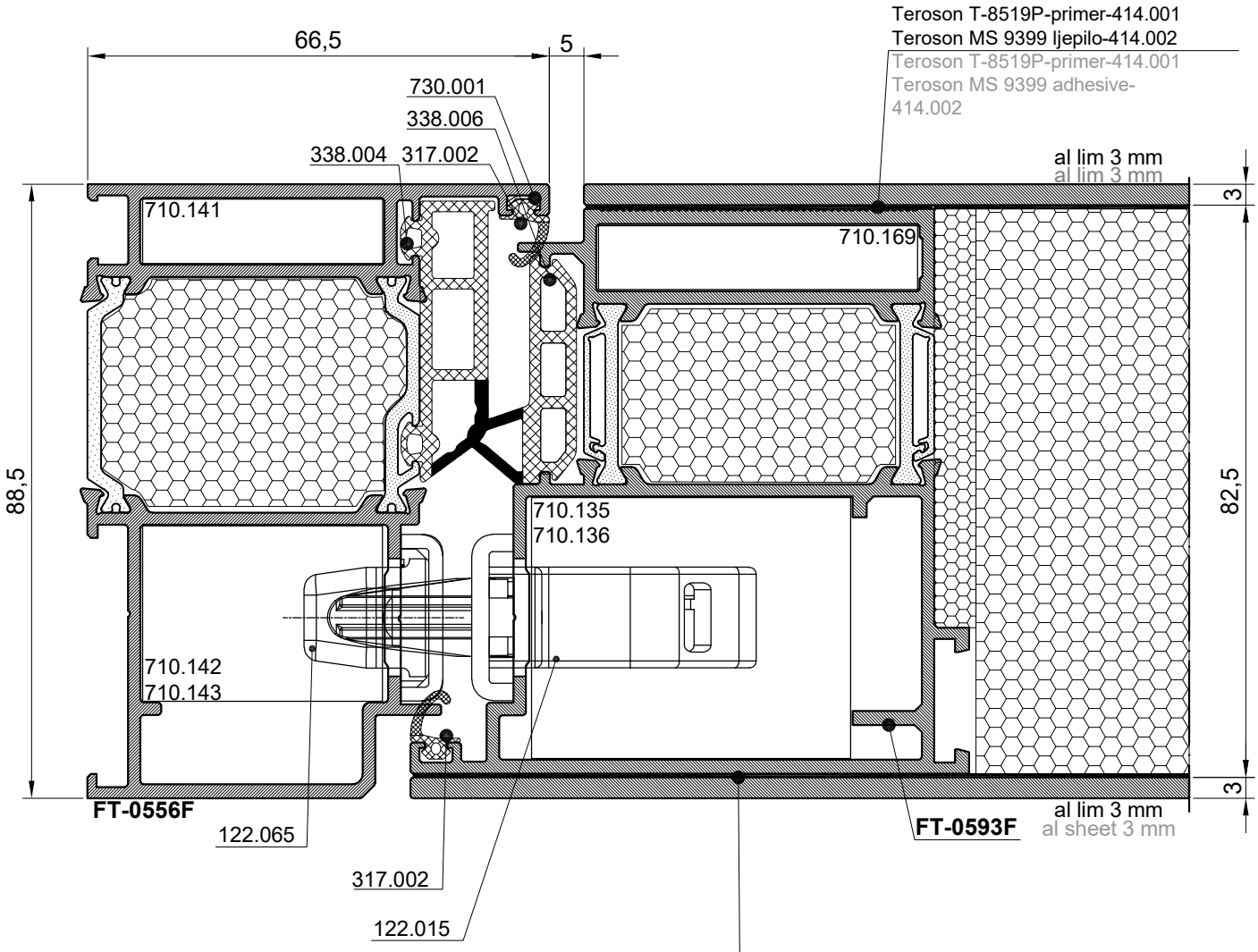

13
6A
S
6A
14
14
3
5
5
9
9A
9

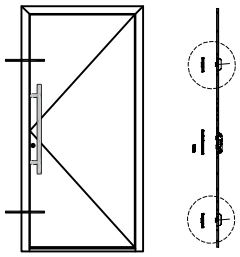

13
6A
S
6A
15
14
14
15
3
6
8
6A
P
(S)
8
6
6A
P
(S)
10
9
9A
9
10



Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

PRESJEK-1
CROSS SECTION-1

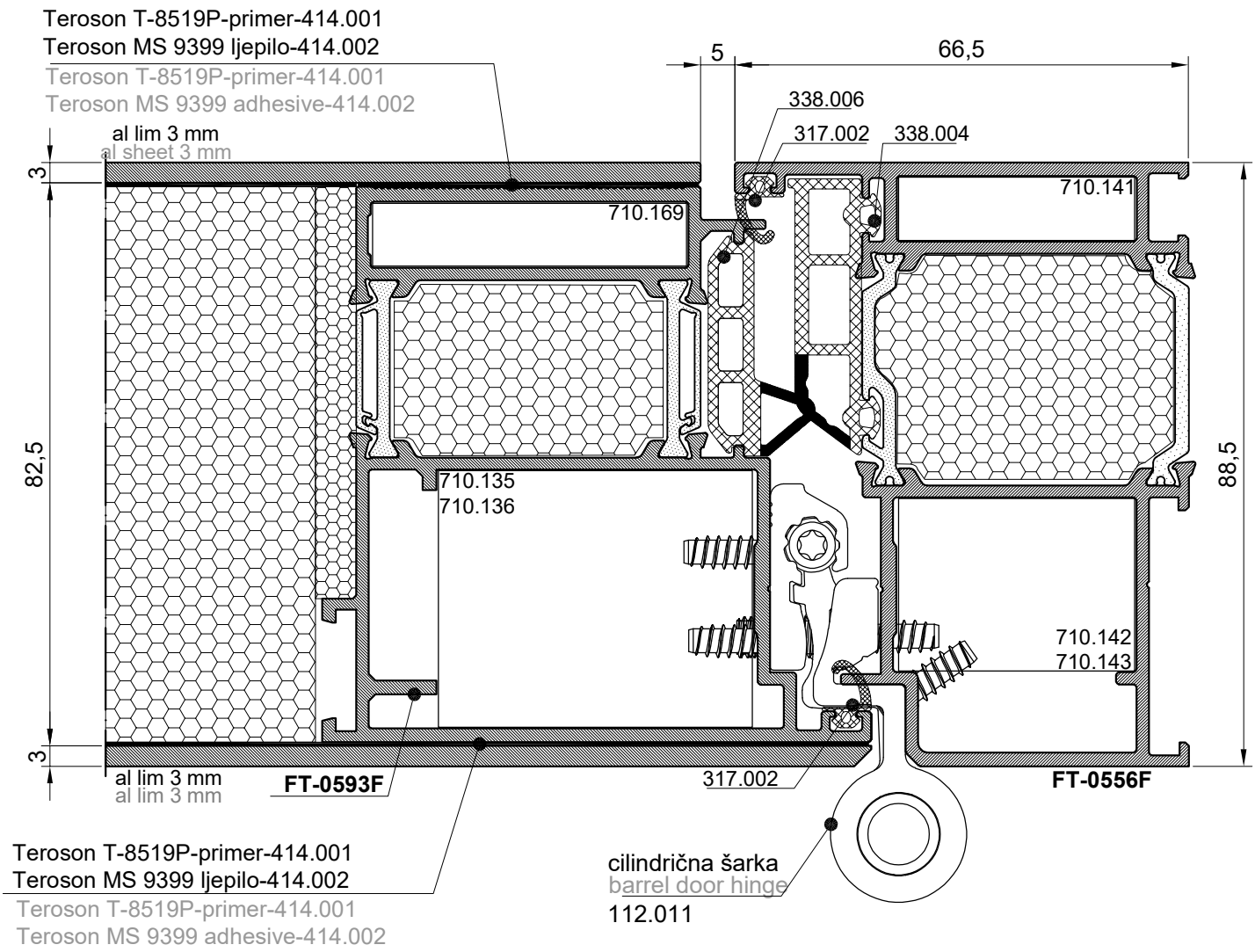


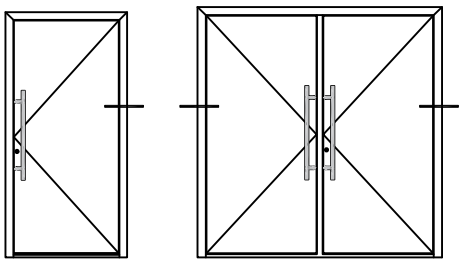


Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002

Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

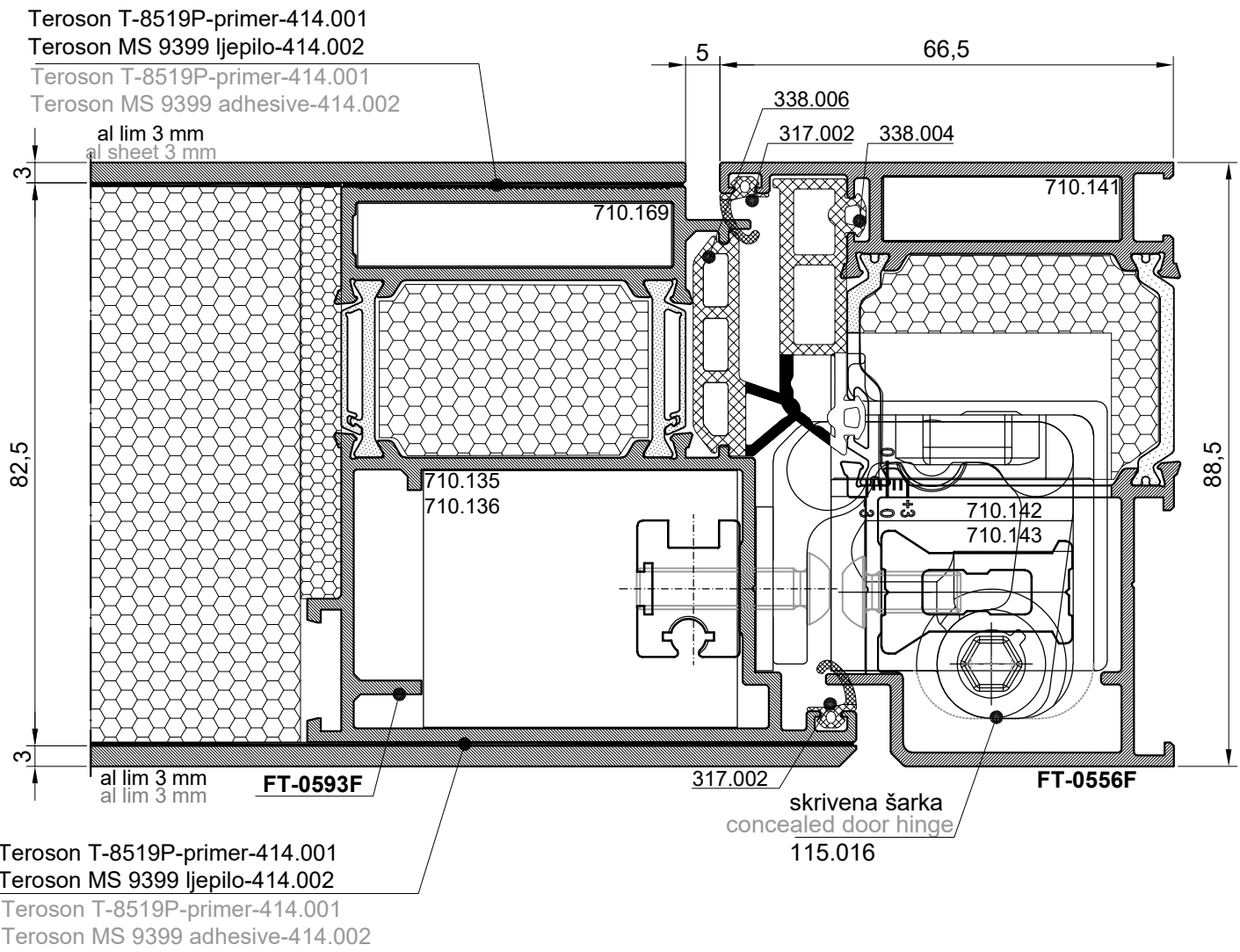
PRESJEK-1A
CROSS SECTION-1A

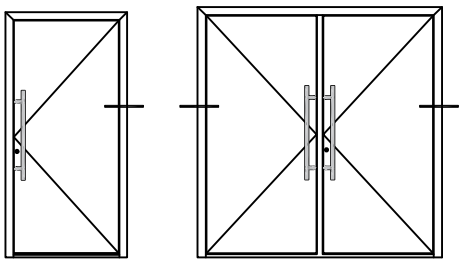




PRESJEK-2
CROSS SECTION-2

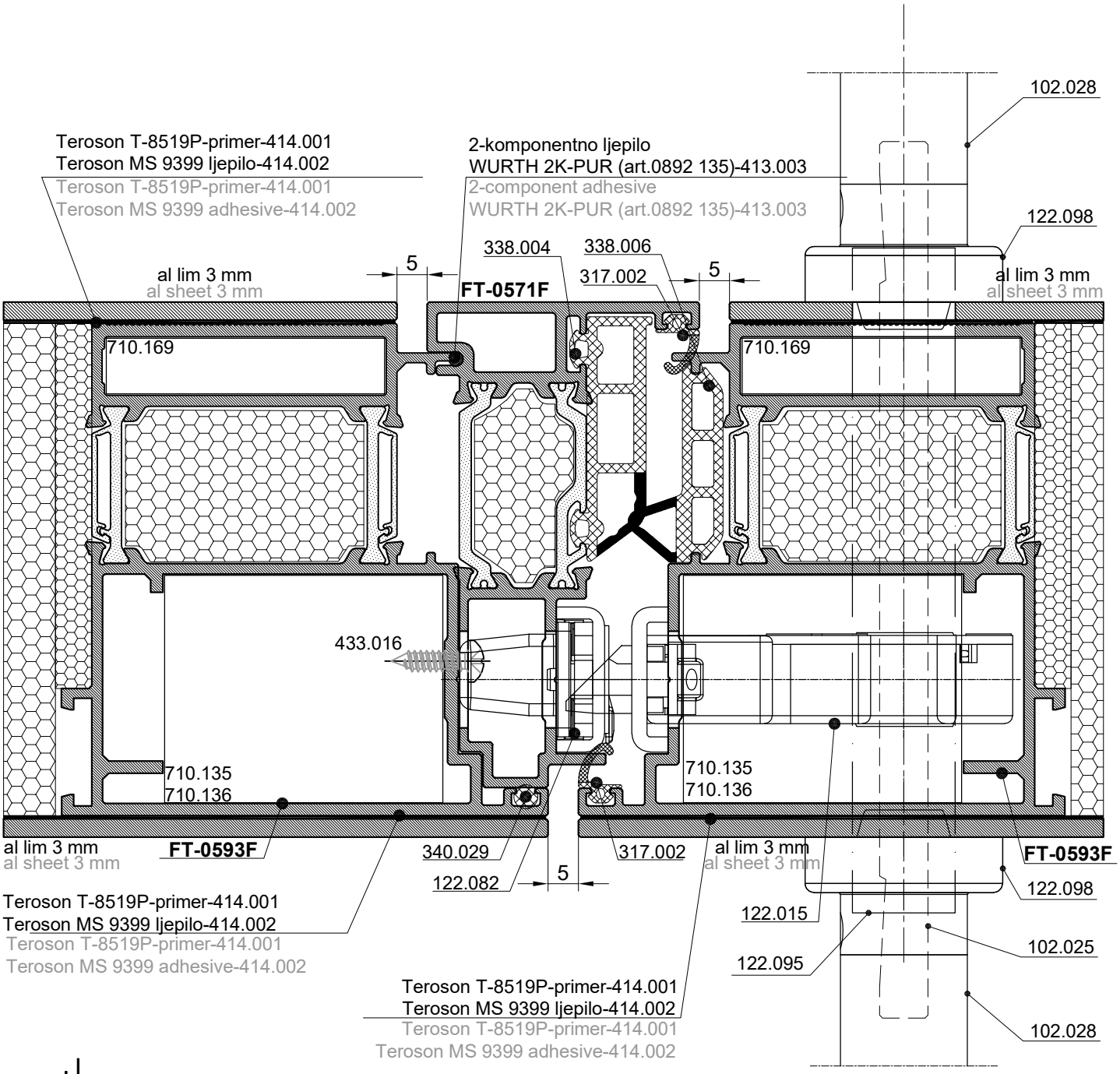
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm



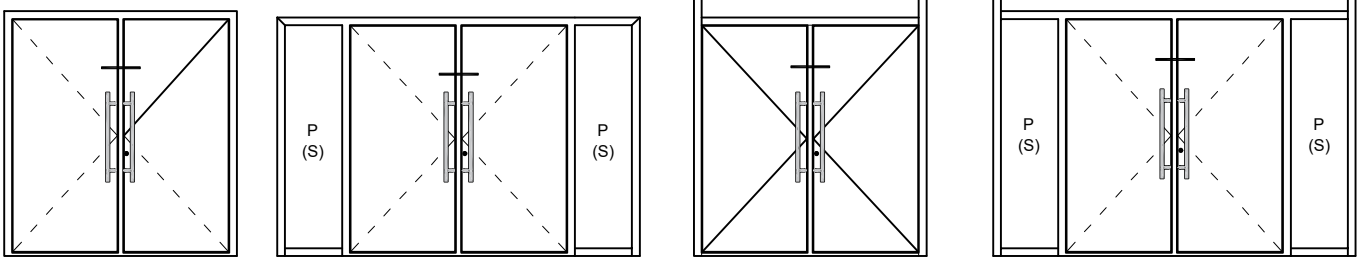


PRESJEK-2
CROSS SECTION-2

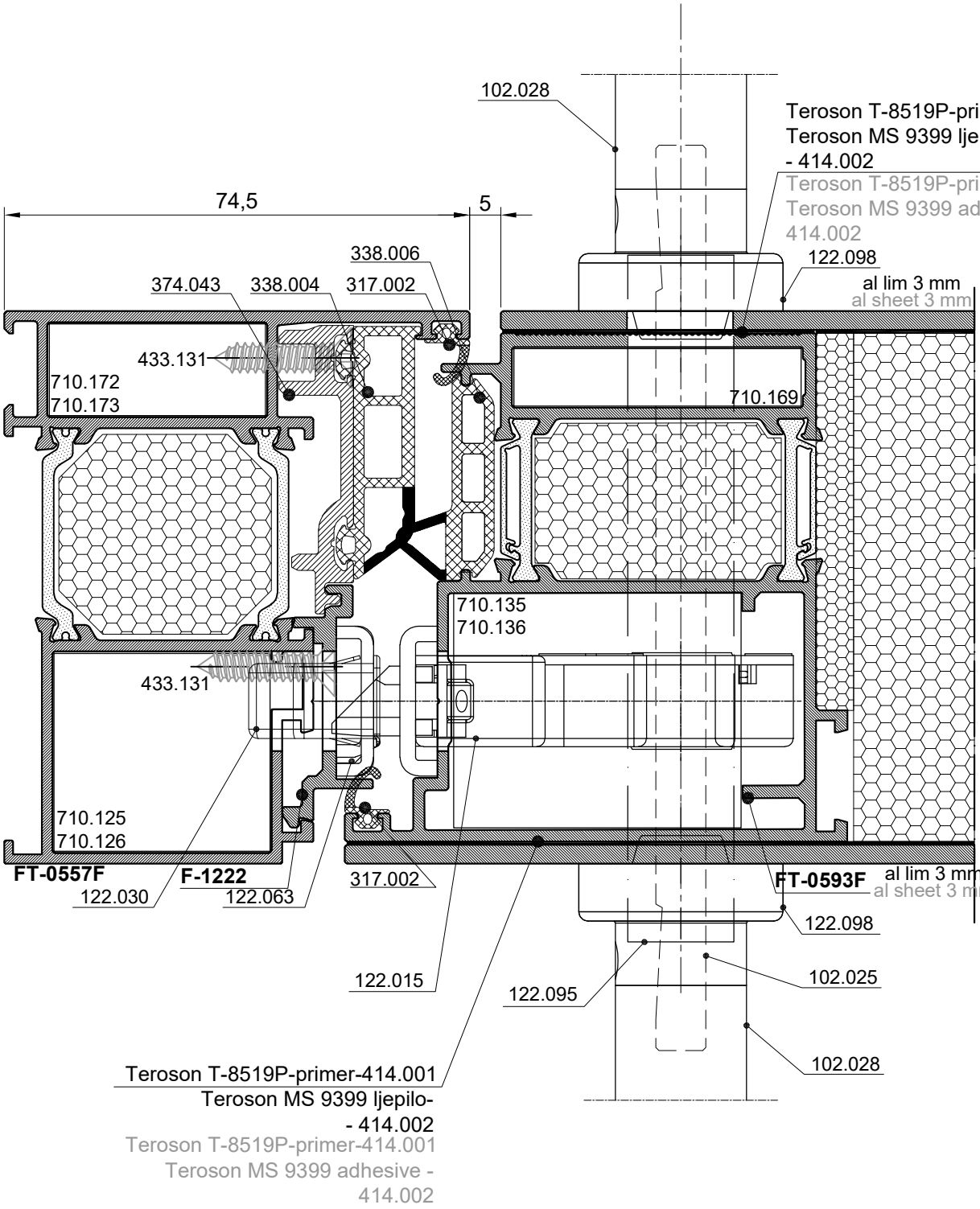
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

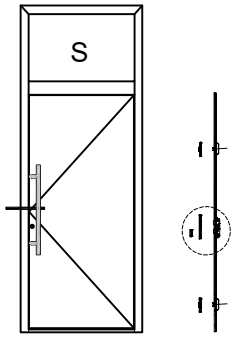


Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015



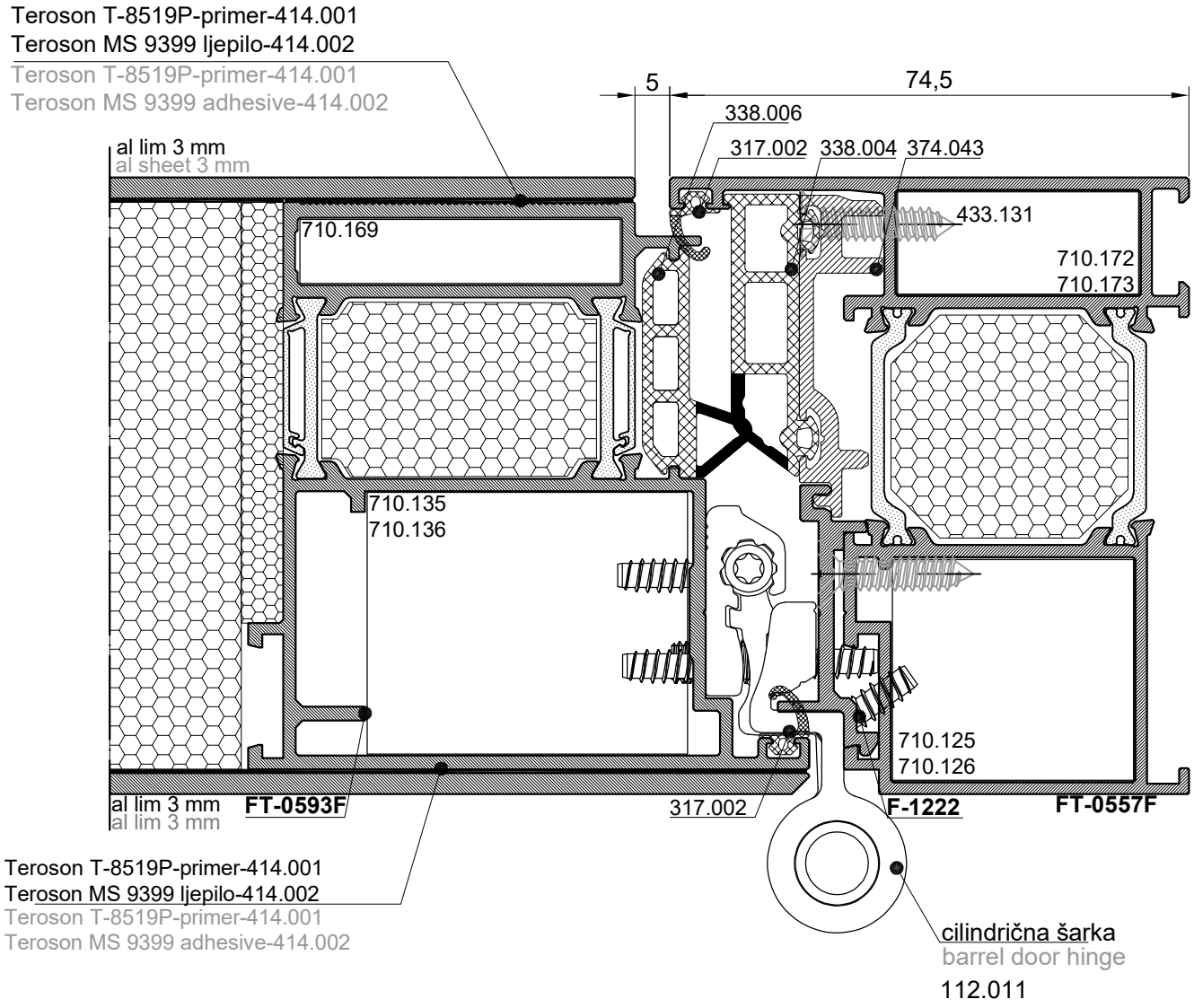
PRESJEK-3
CROSS SECTION-3

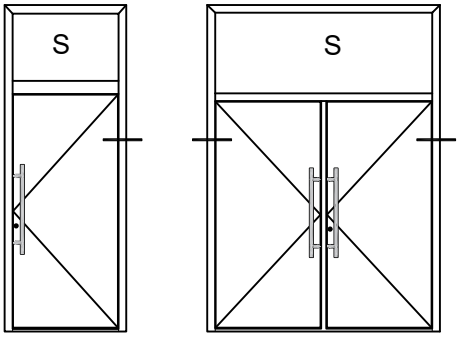




Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

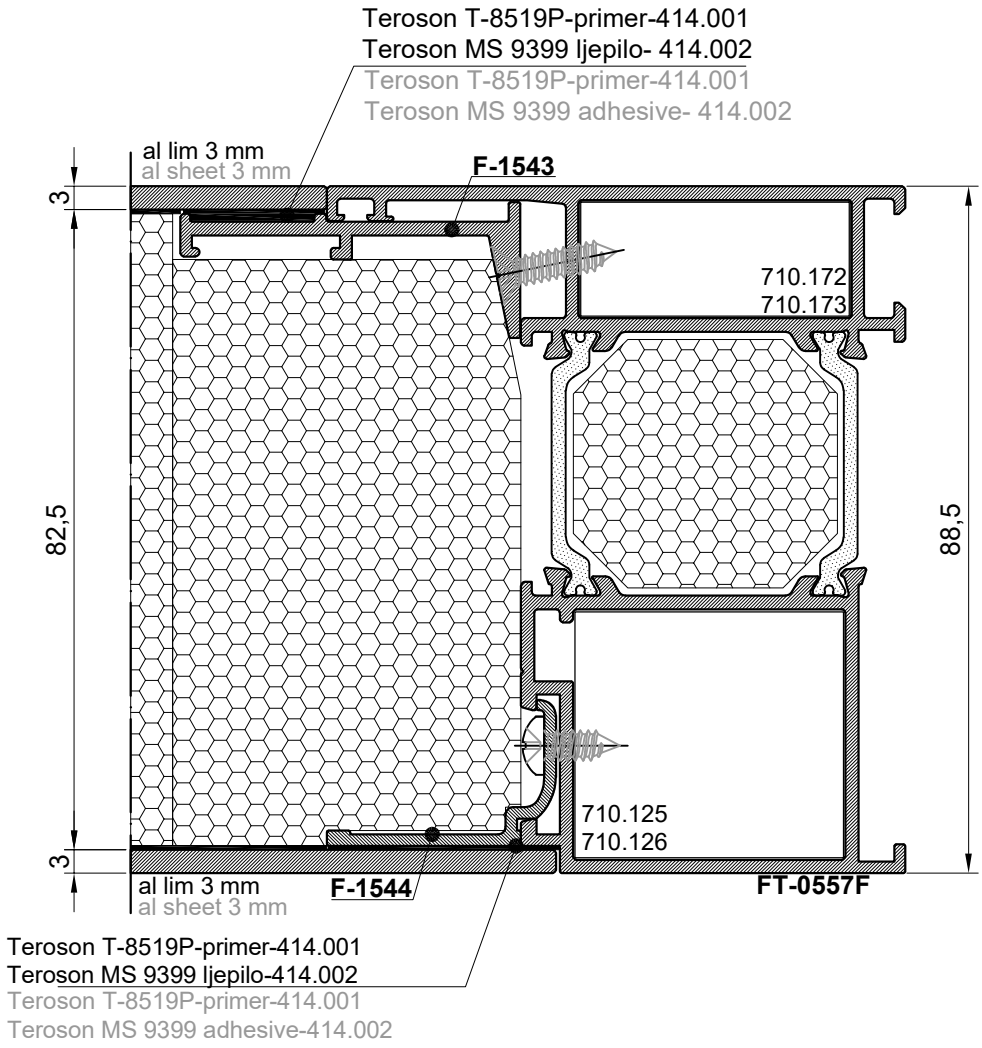
PRESJEK-4
CROSS SECTION-4

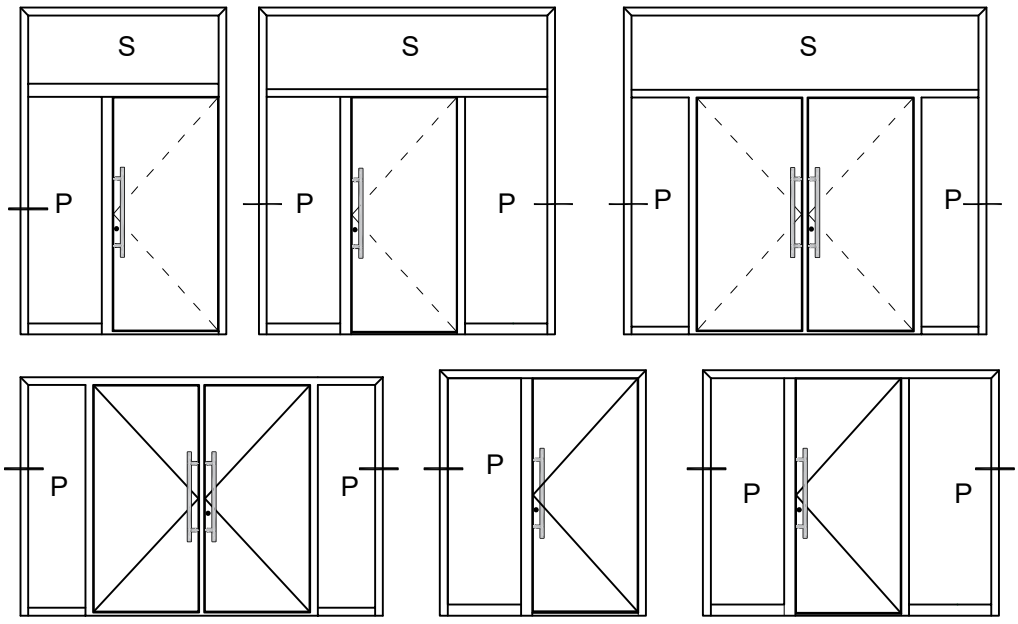




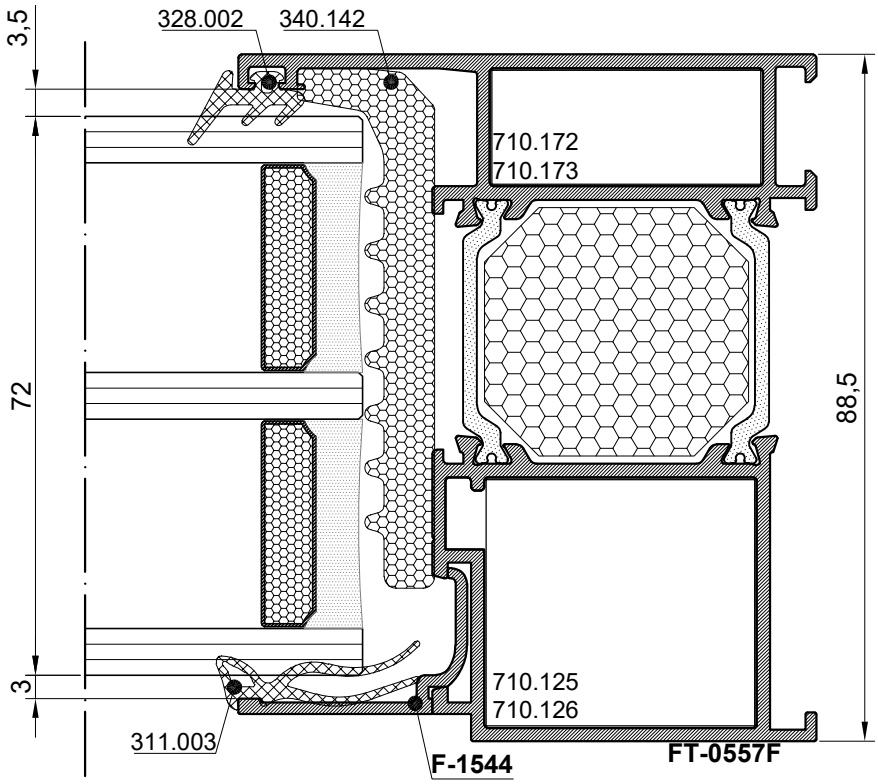
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

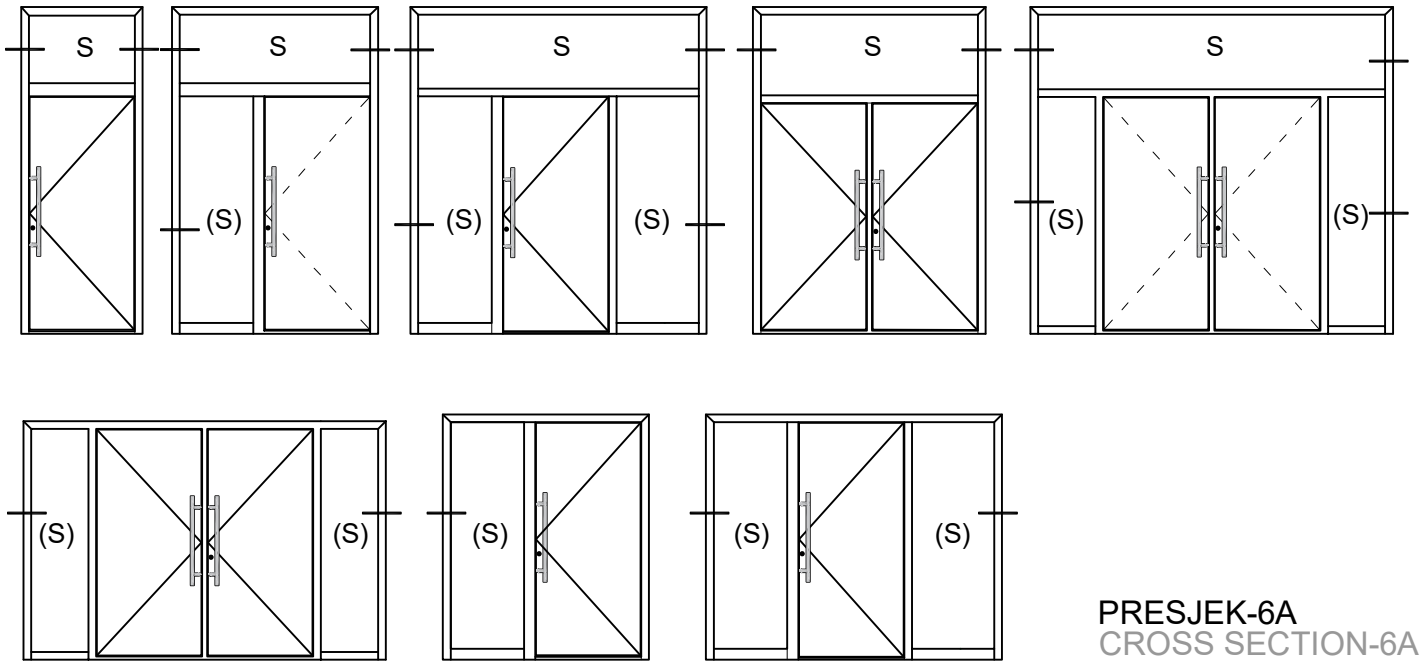
PRESJEK-5
CROSS SECTION-5



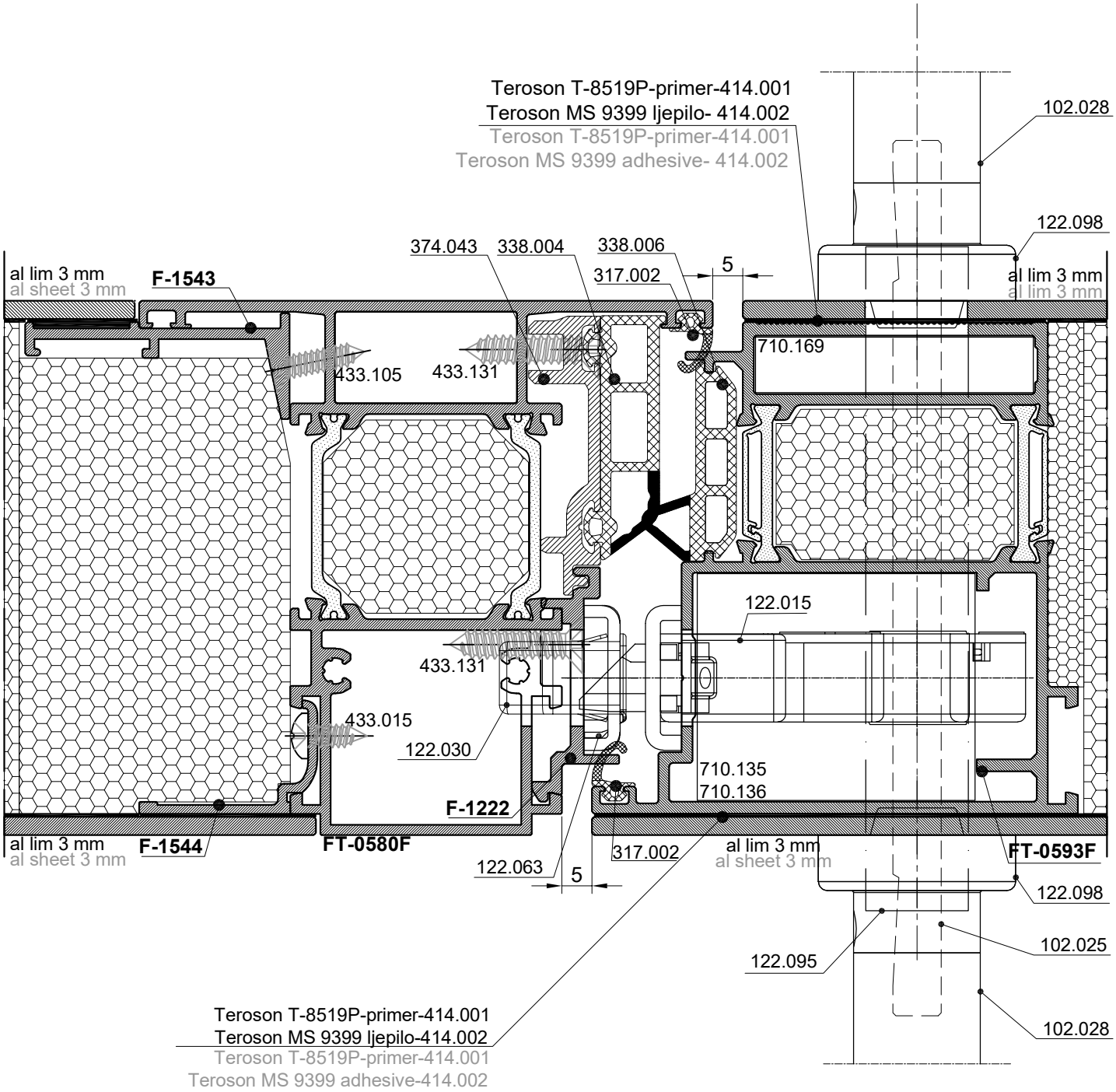


PRESJEK-6
CROSS SECTION-6



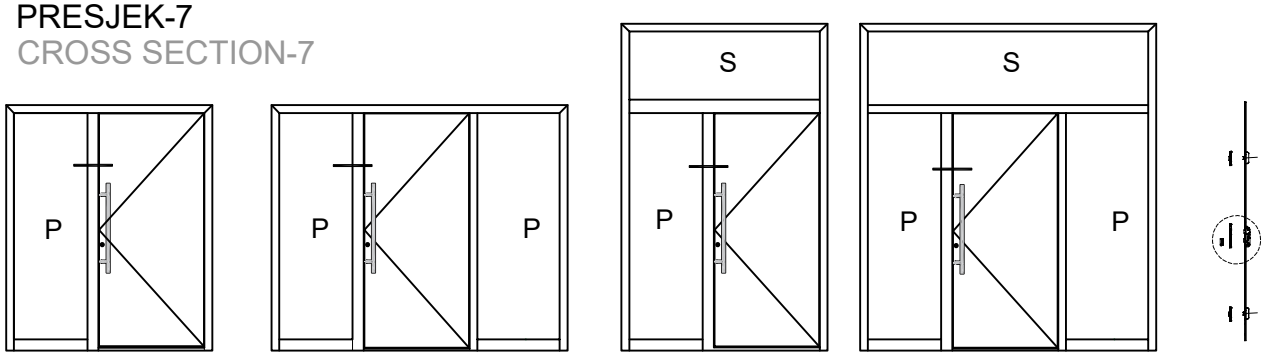


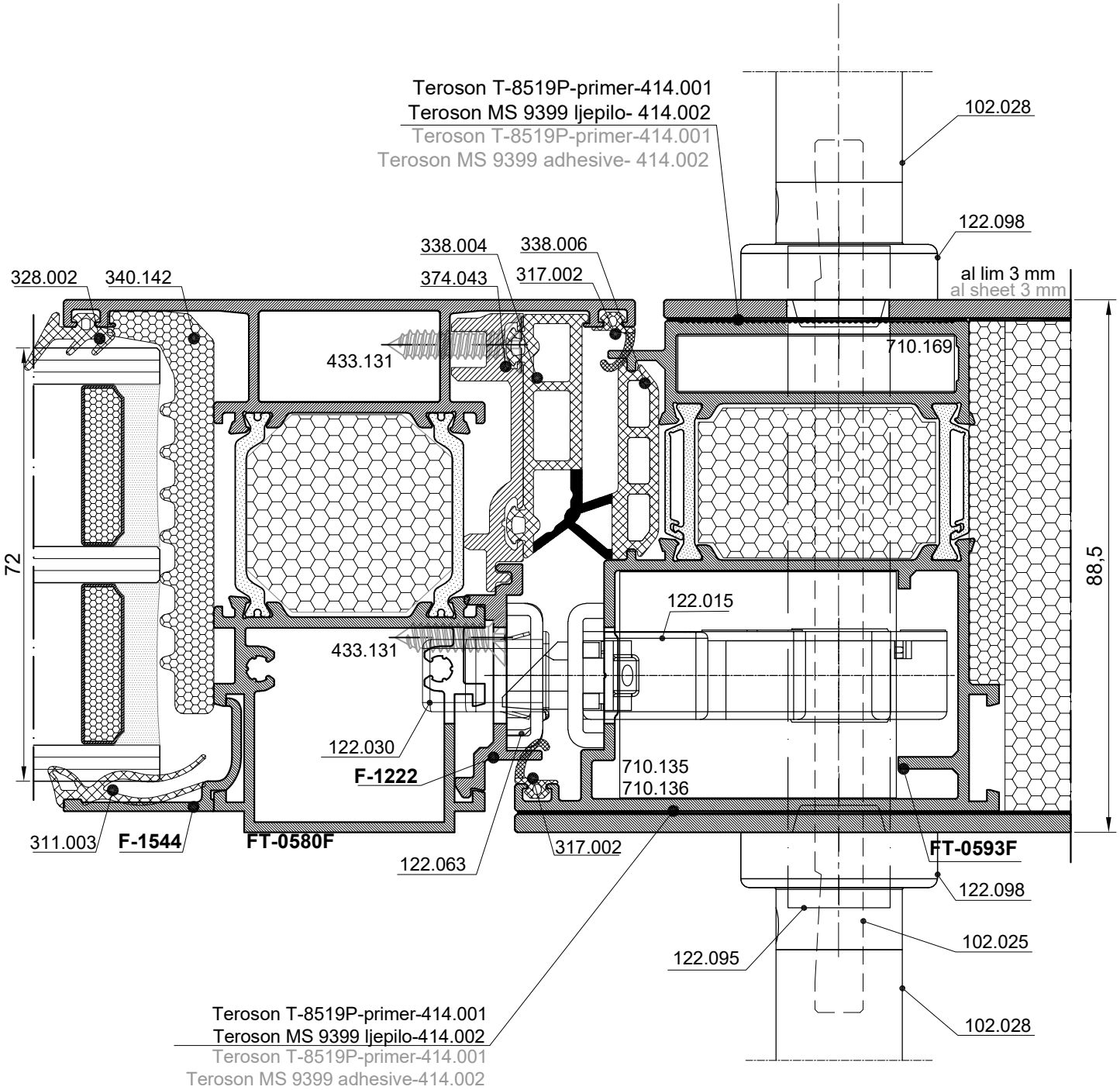
PRESJEK-6A
CROSS SECTION-6A



Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

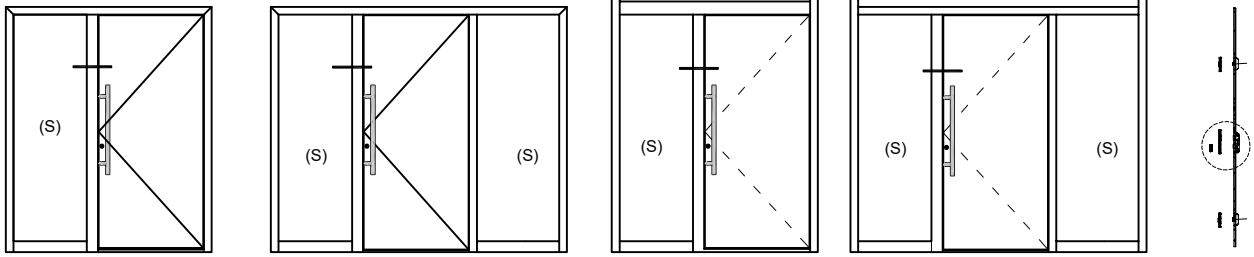
PRESJEK-7
CROSS SECTION-7

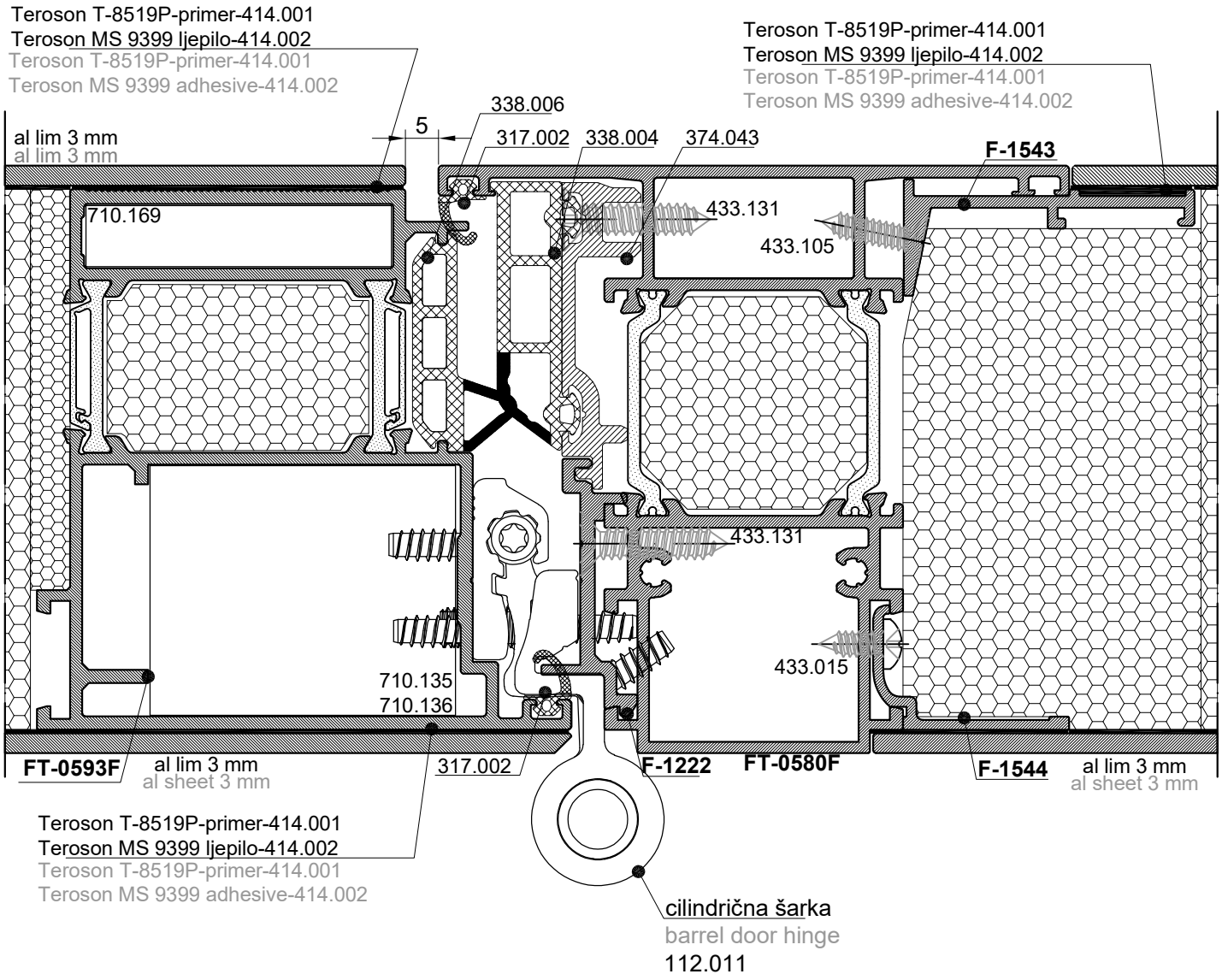




Napomena: Krilo FT-0593F za bravu 45 mm
Sigurnosna brava 45 mm s 3 mjesta ključanja - (MR2) 122.015
Remark: Sash FT-0593F for lock 45 mm
Safety lock 45 mm with 3 locking points - (MR2) 122.015

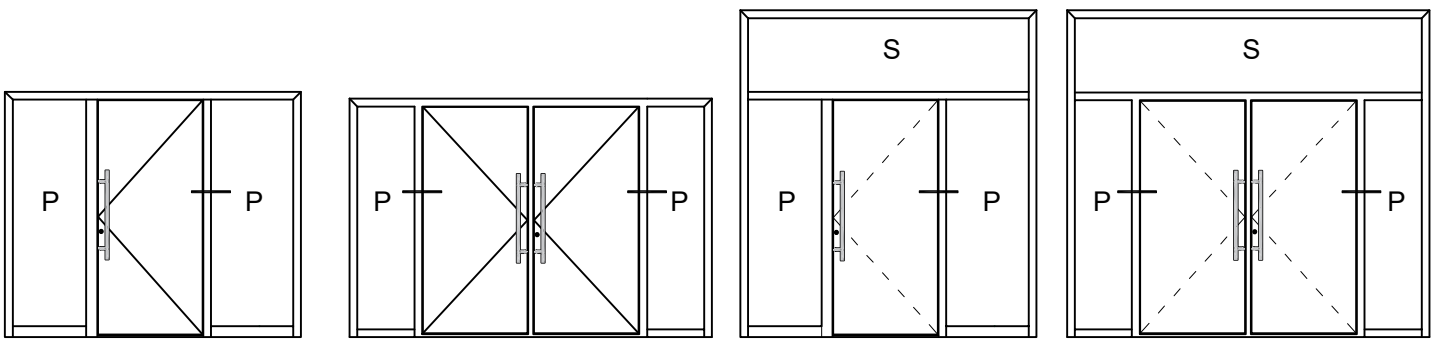
PRESJEK-7A
CROSS SECTION-7A

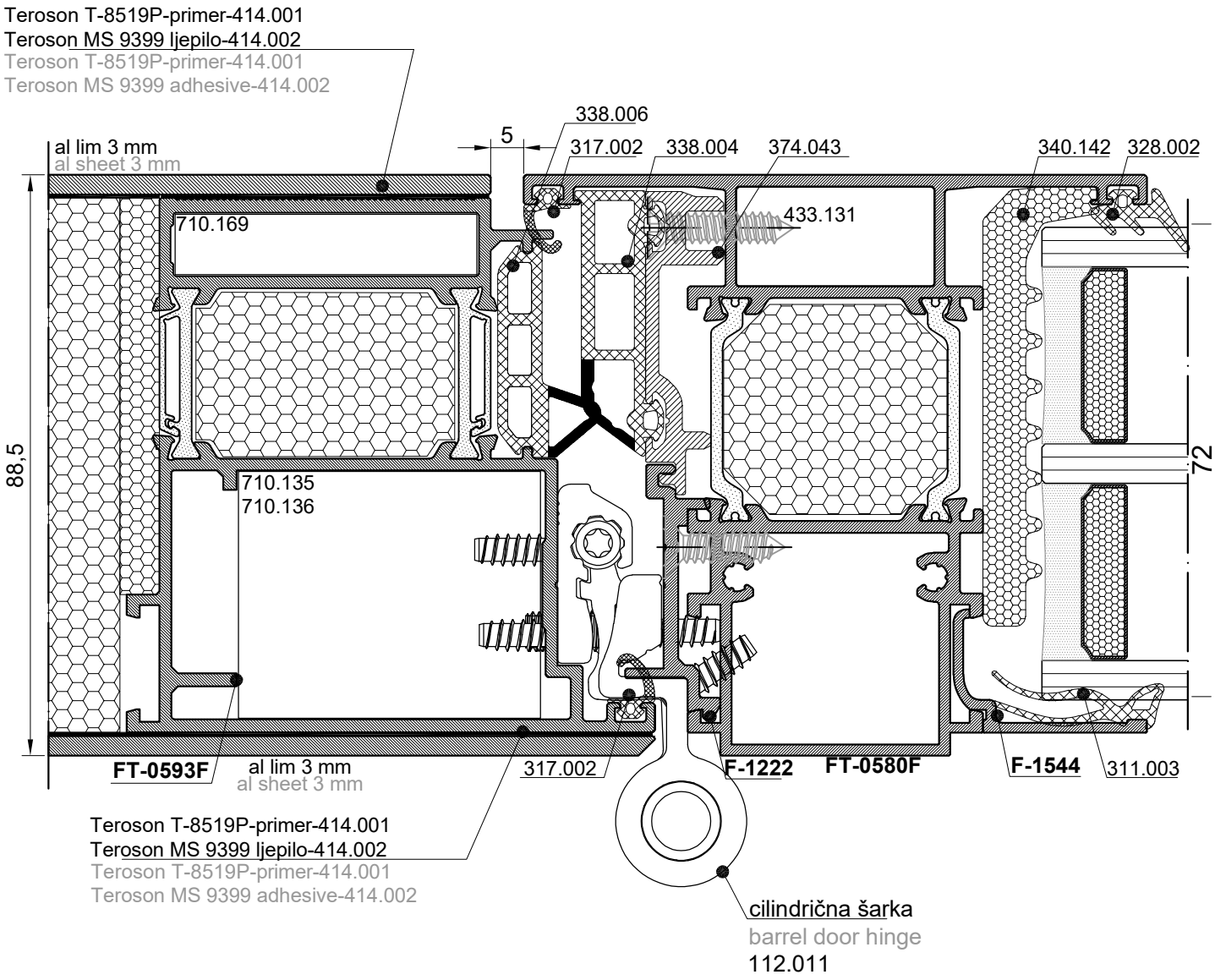




Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

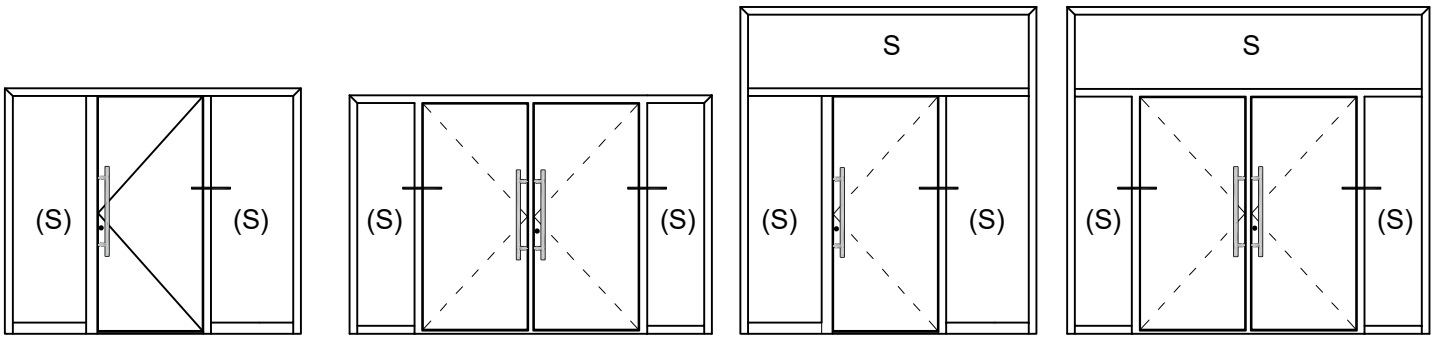
PRESJEK-8
CROSS PRESJEK-8

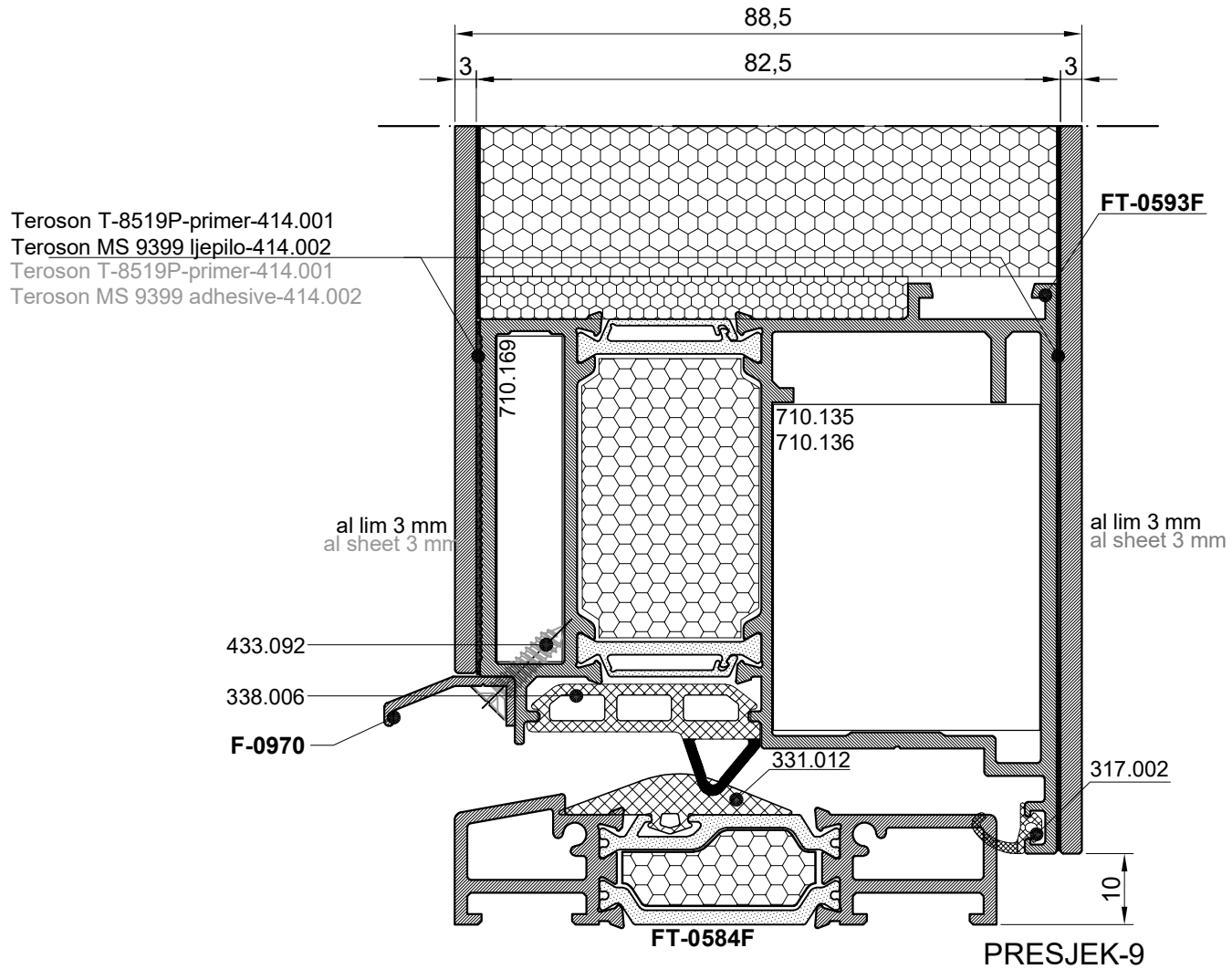




Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

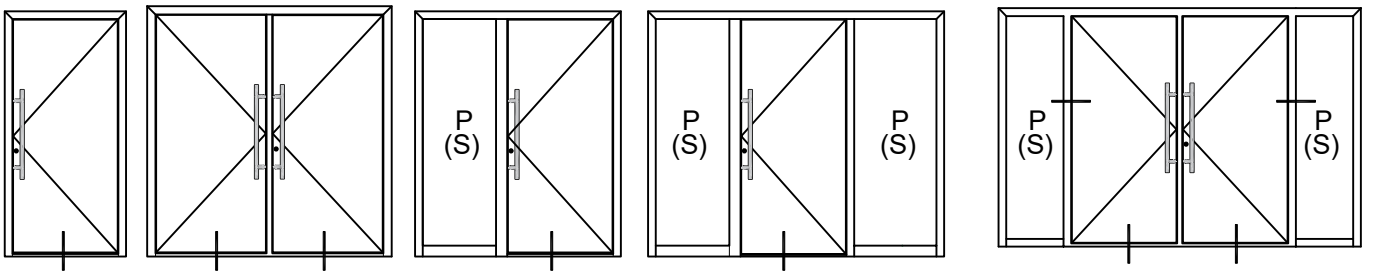
PRESJEK-8A
CROSS SECTION-8A

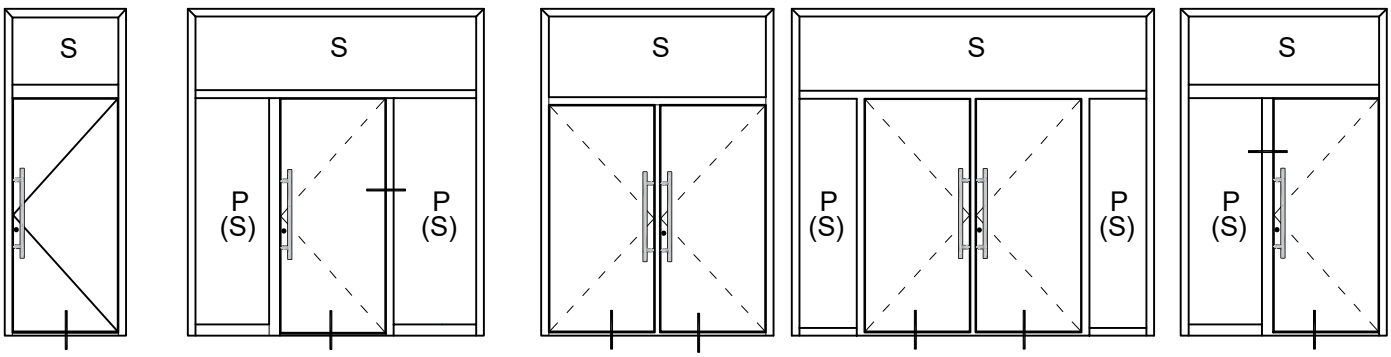


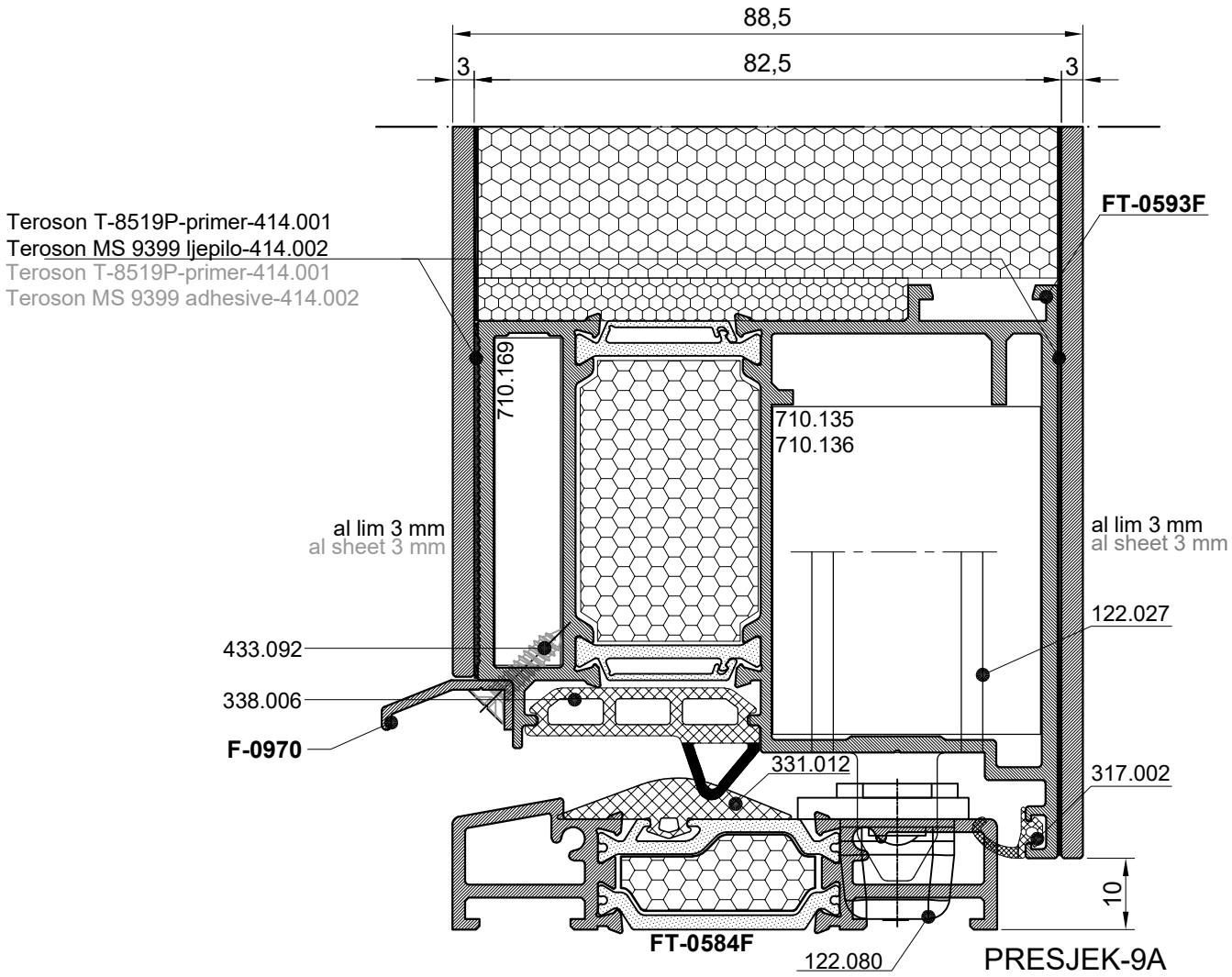


PRESJEK-9
CROSS SECTION-9

Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

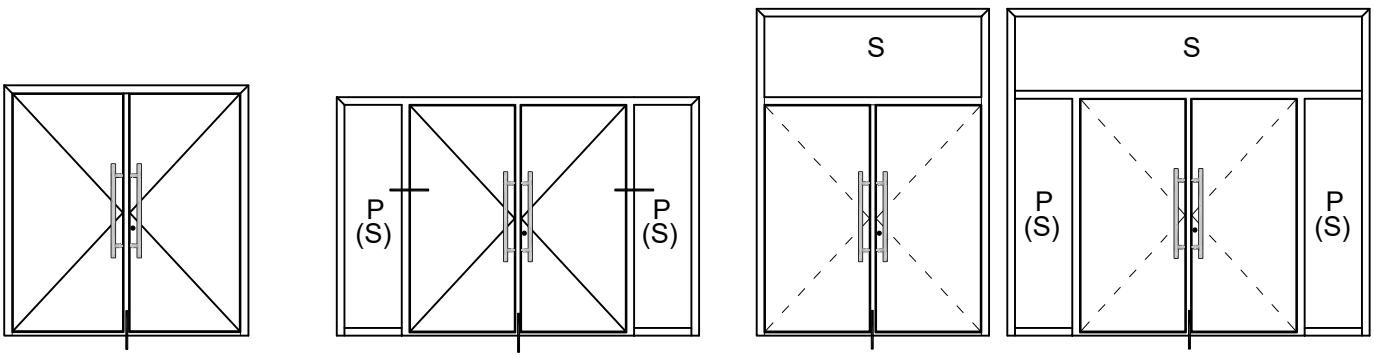


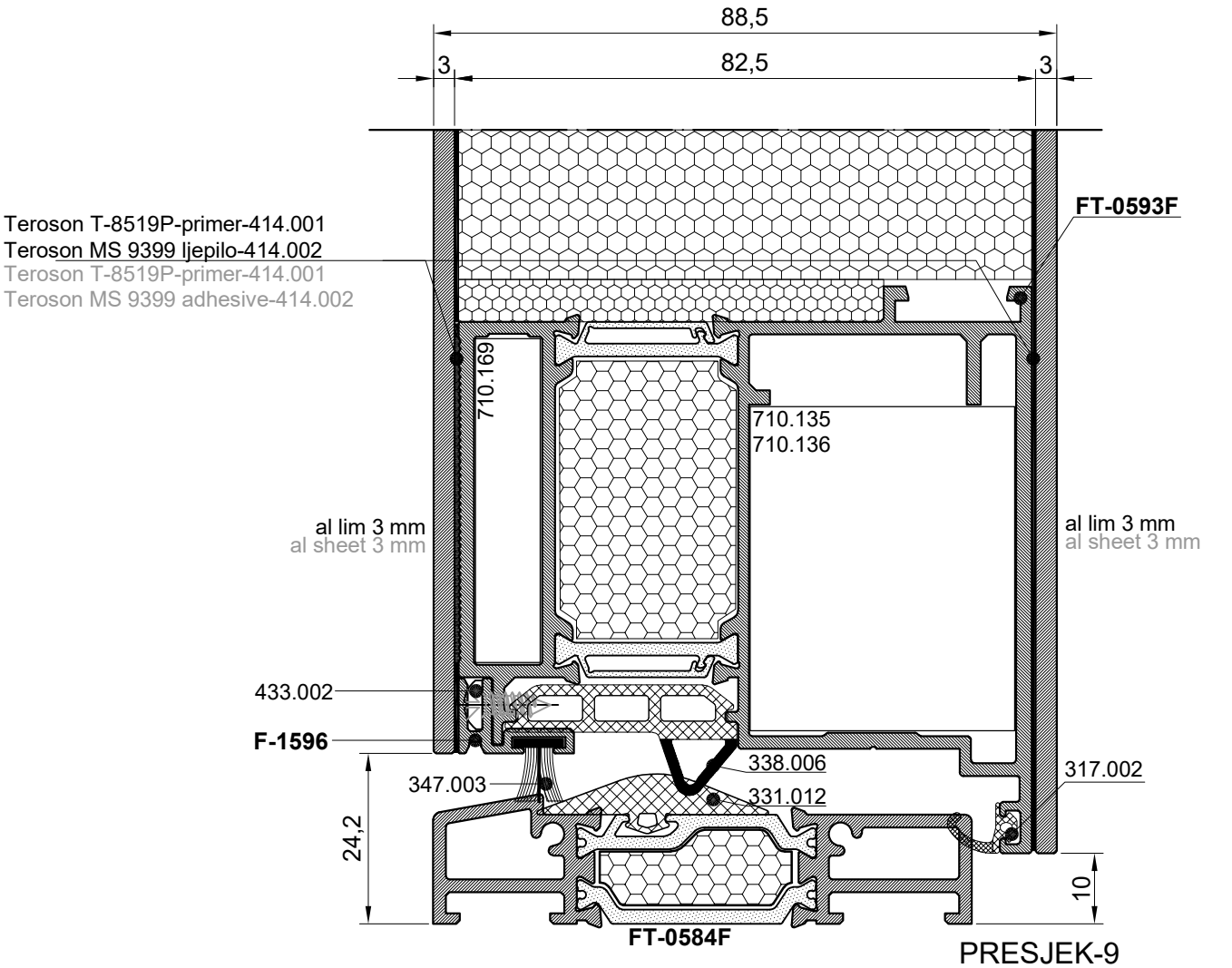




PRESJEK-9A
CROSS SECTION-9A

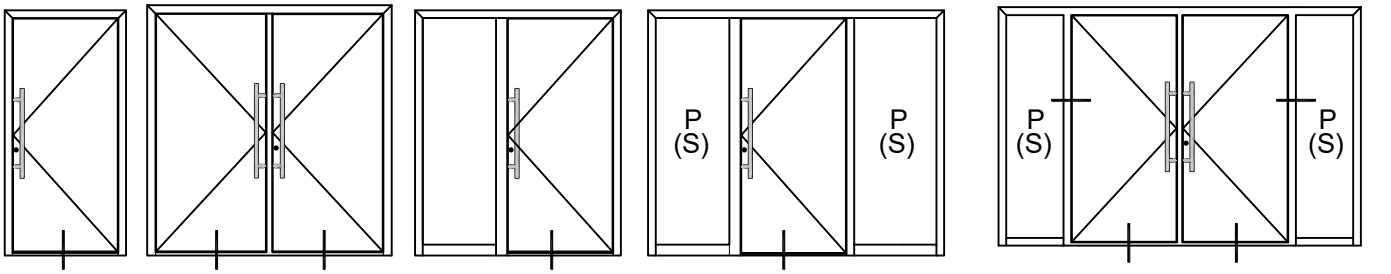
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

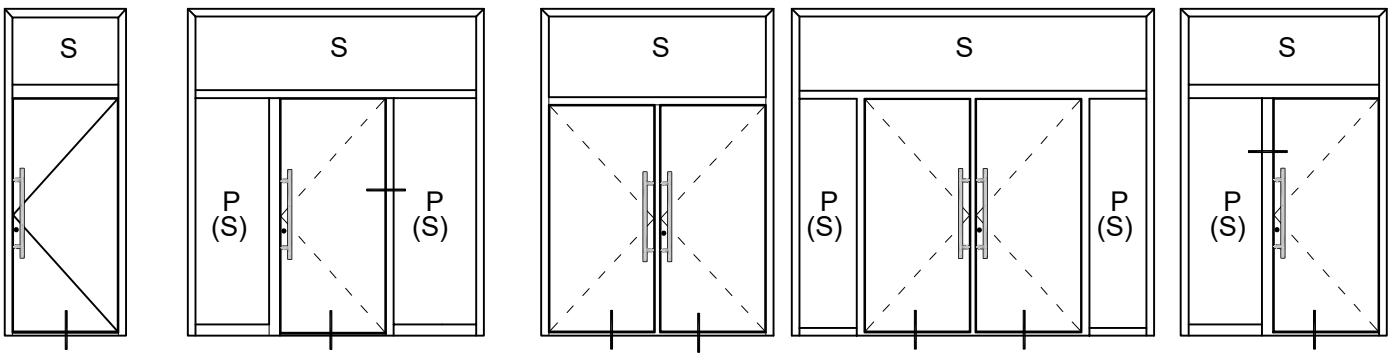


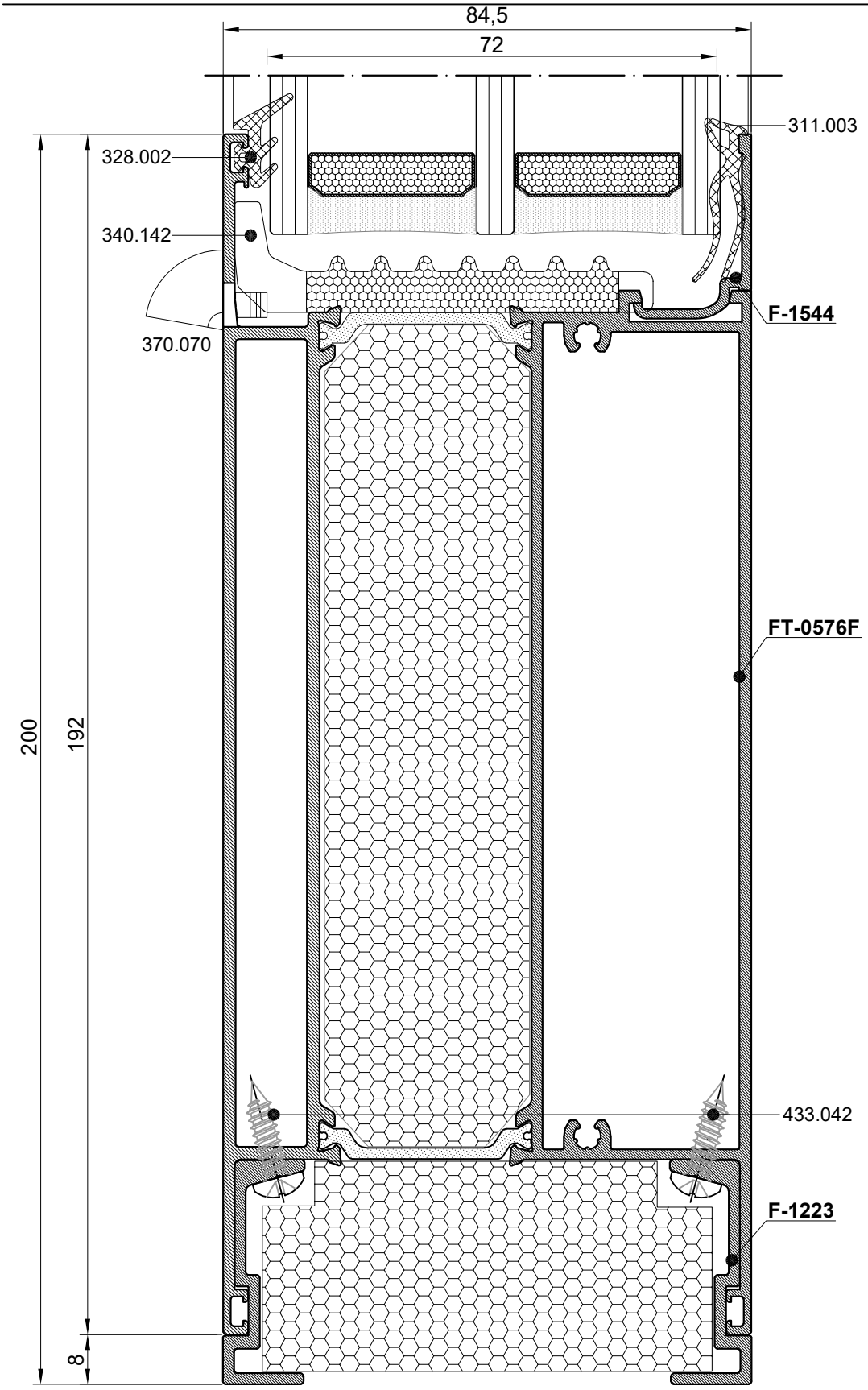


PRESJEK-9
CROSS SECTION-9

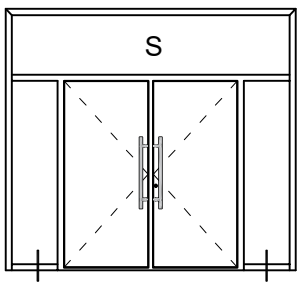
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

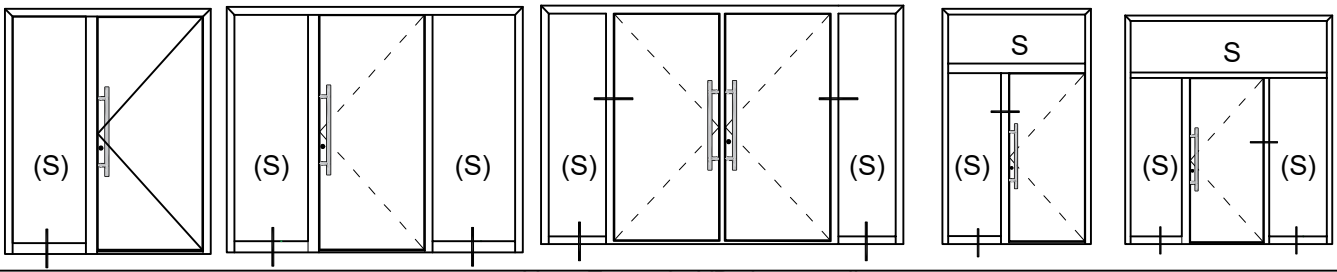


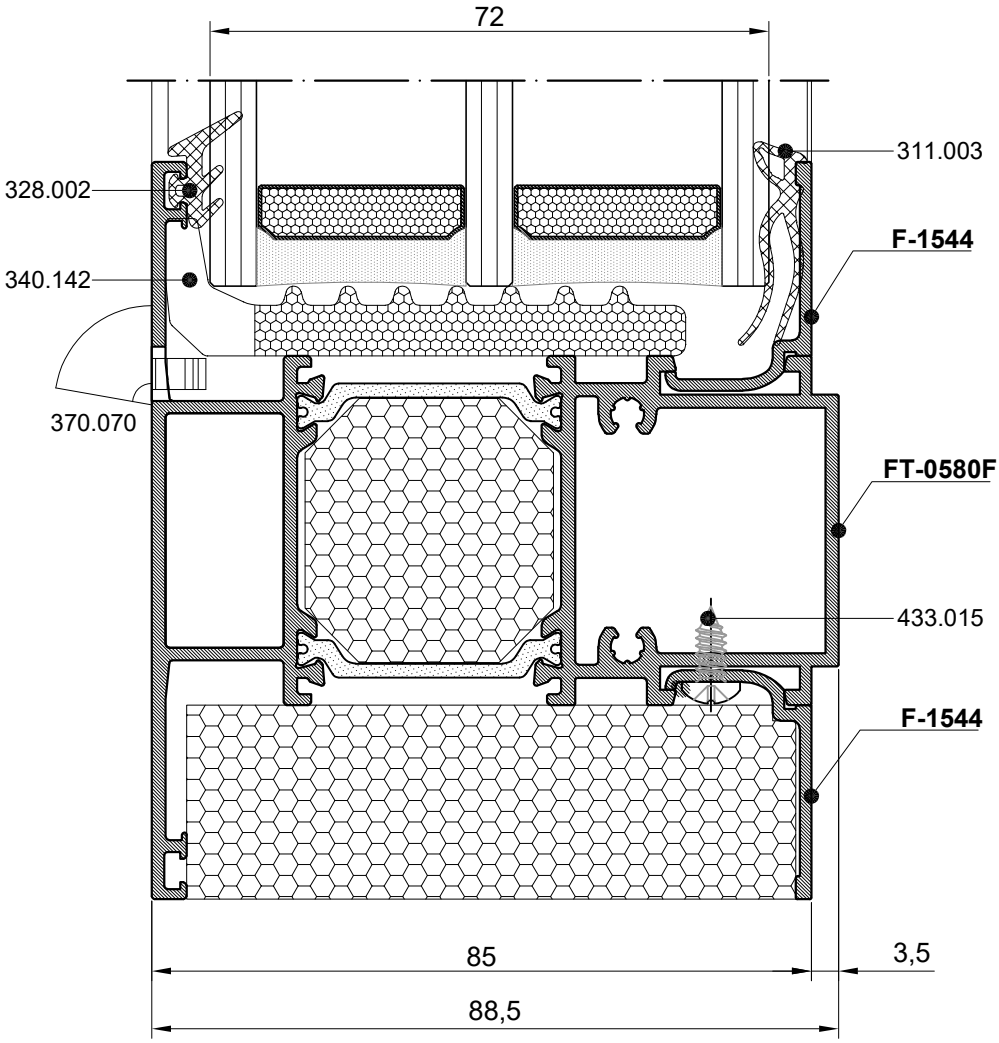




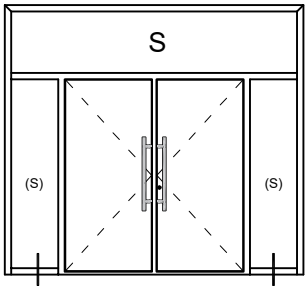
PRESJEK-10
CROSS SECTION-10

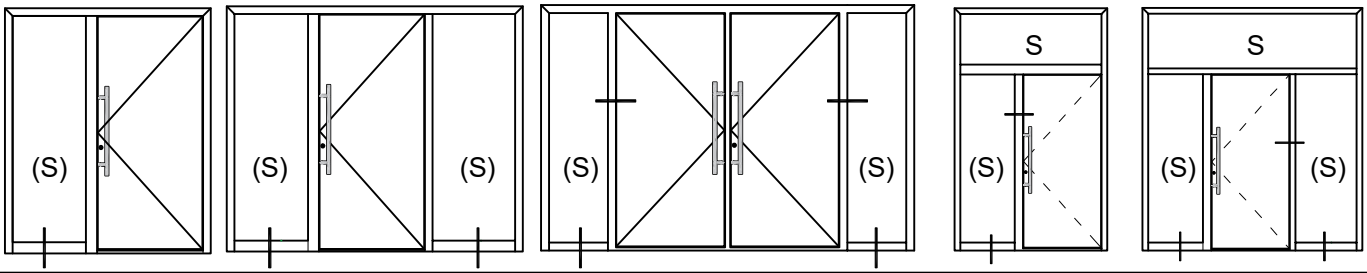


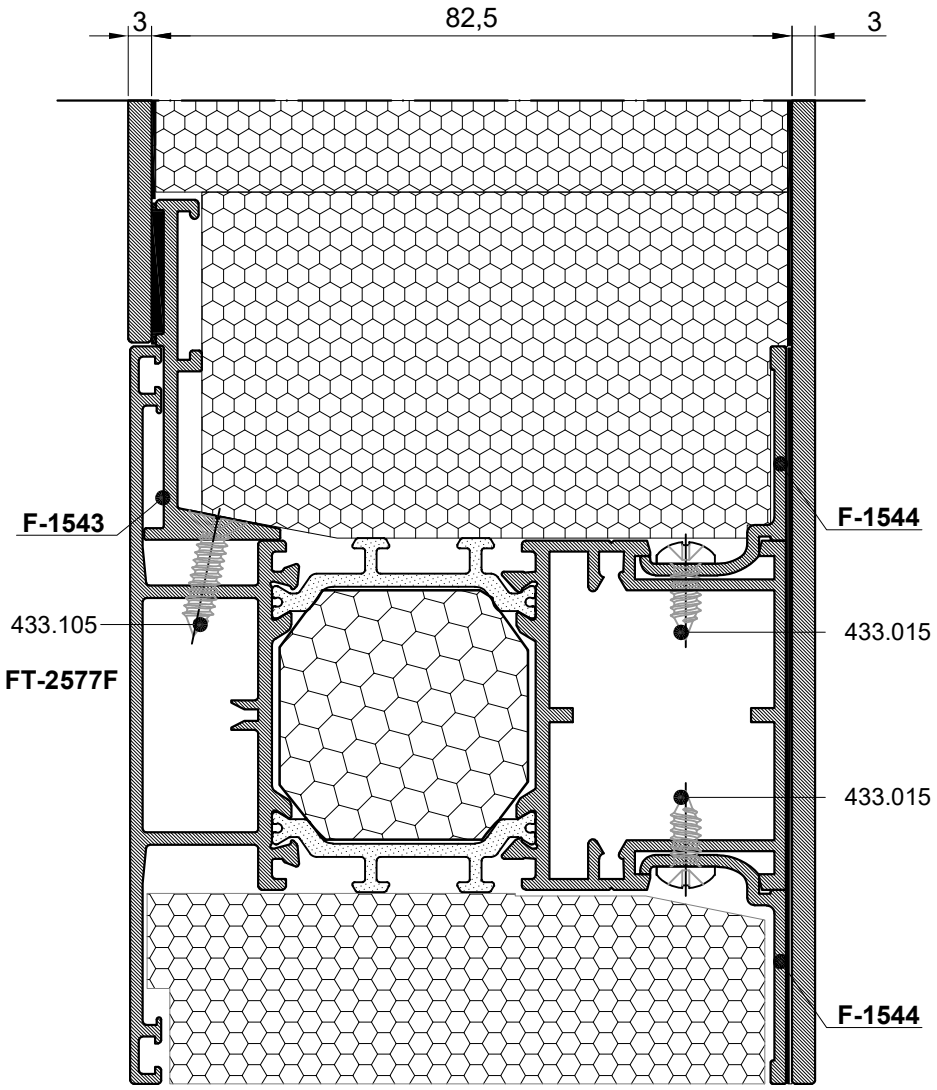


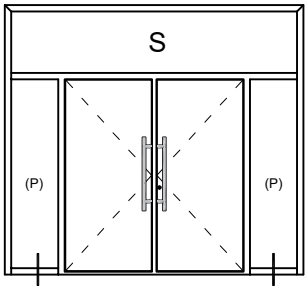


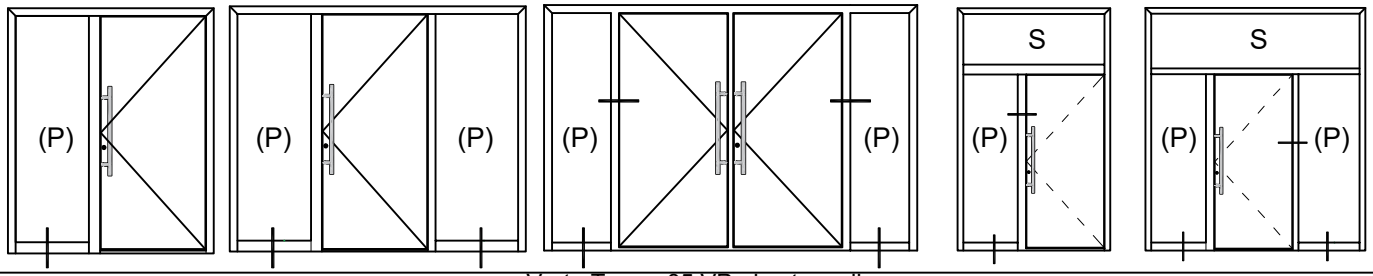
PRESJEK-10A
CROSS SECTION-10A

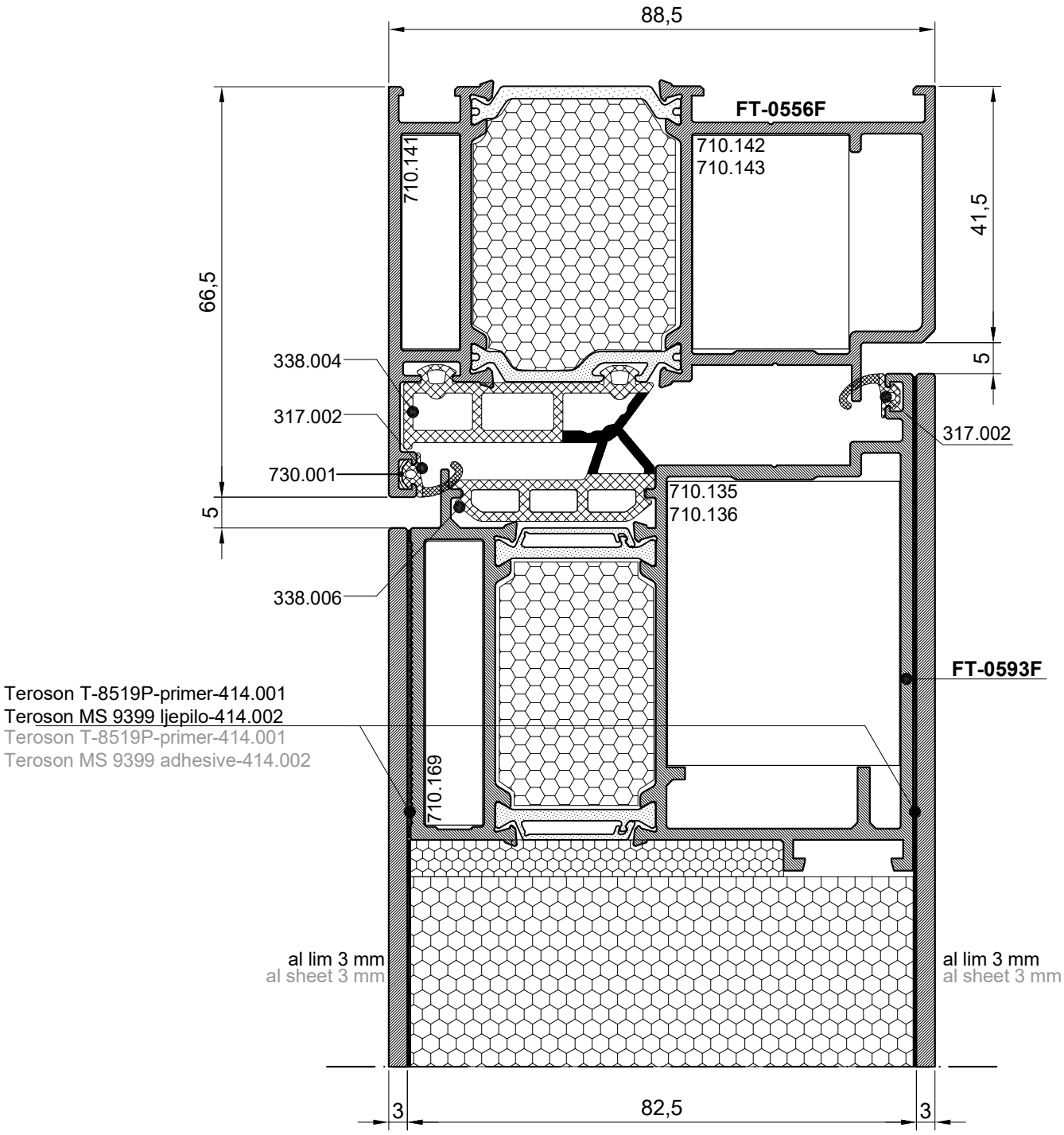


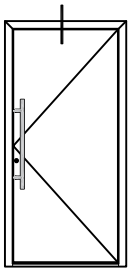



3
82,5
3
F-1543
F-1544
433.105
FT-2577F
433.015
433.015
F-1544


S
(P)
(P)

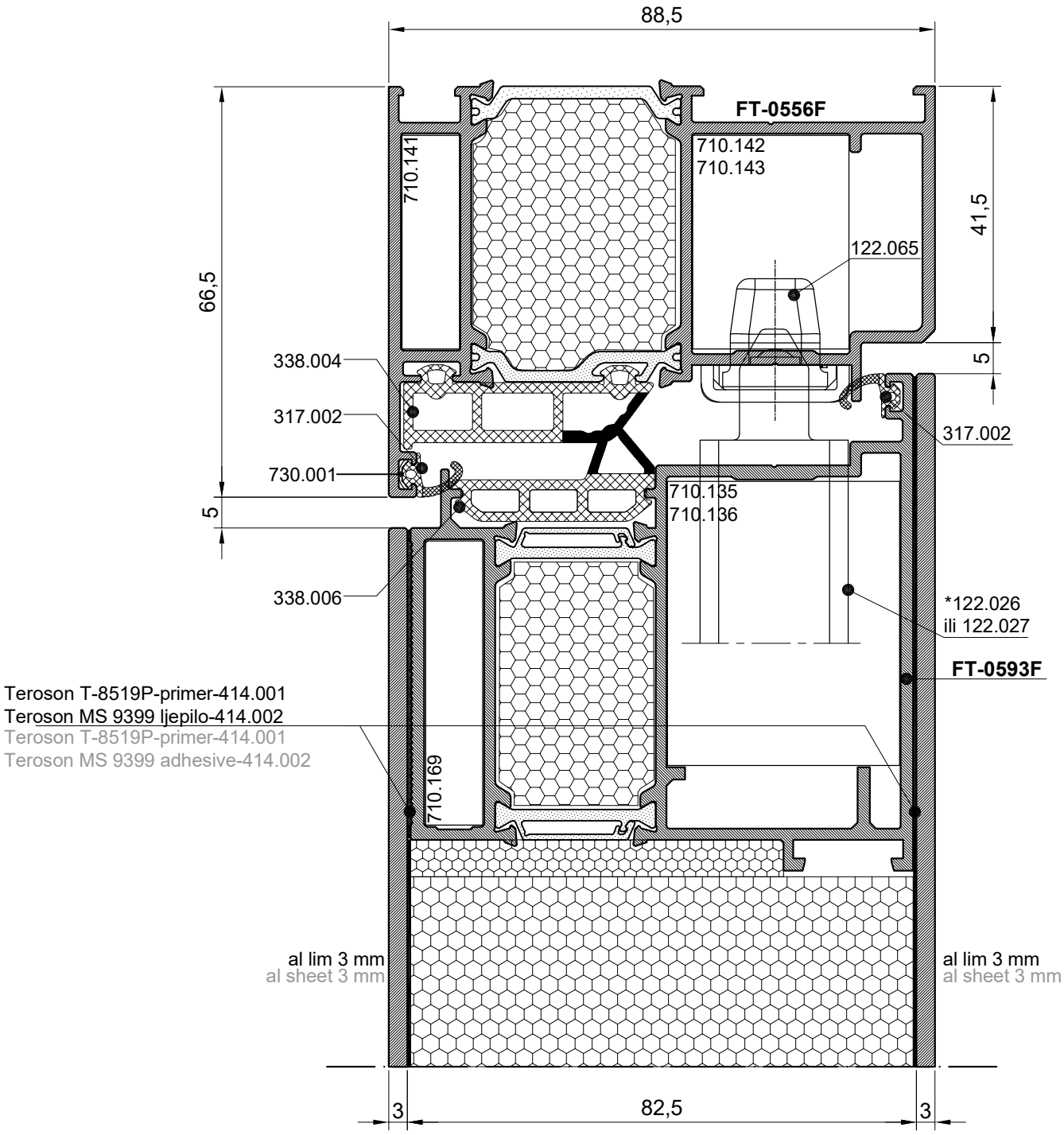

(P)
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(P)
S
(P)
(P)

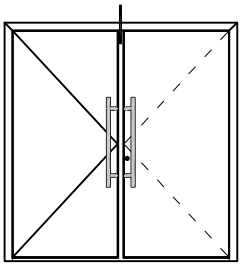




Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

PRESJEK-11
CROSS SECTION-11

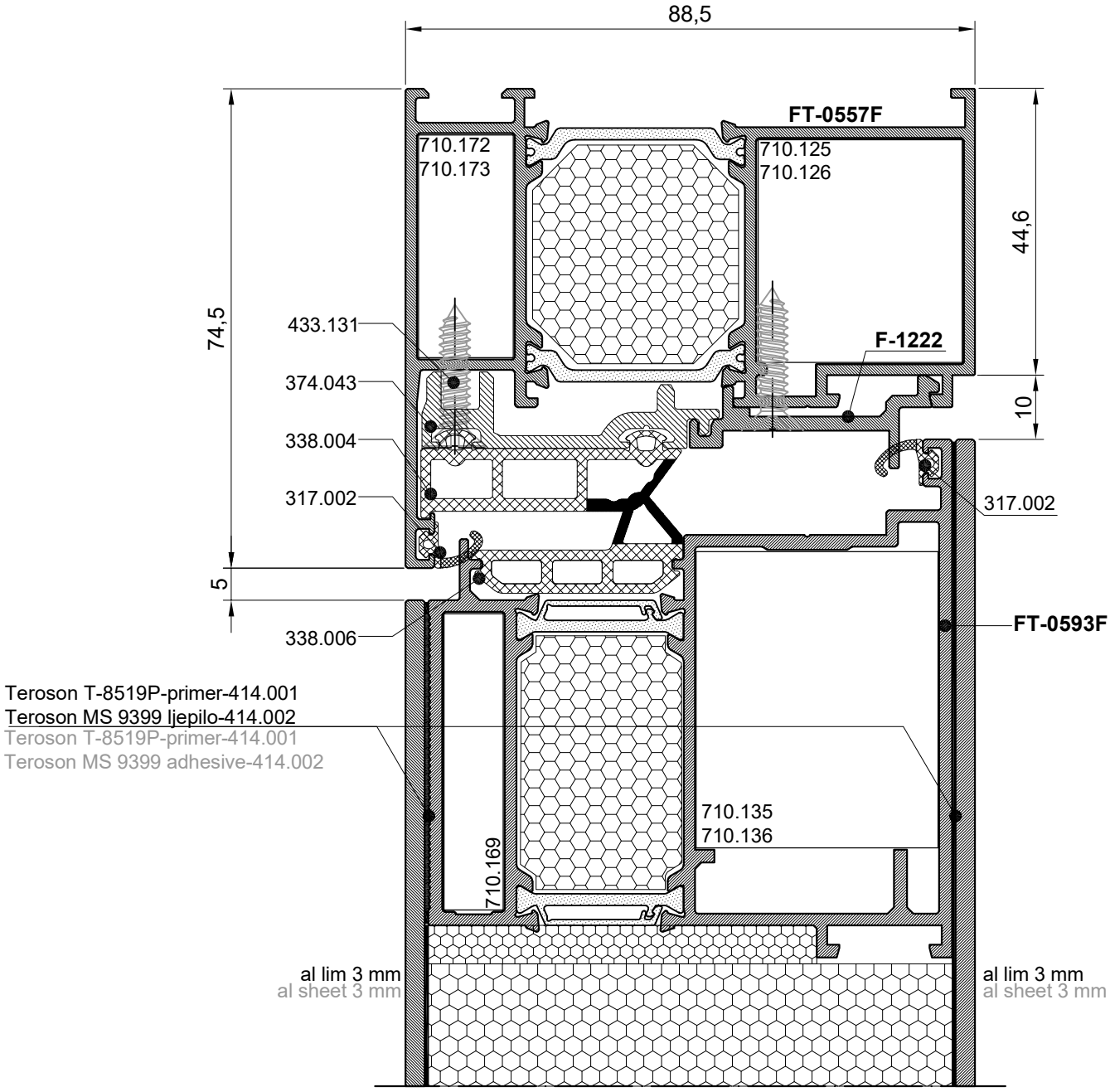


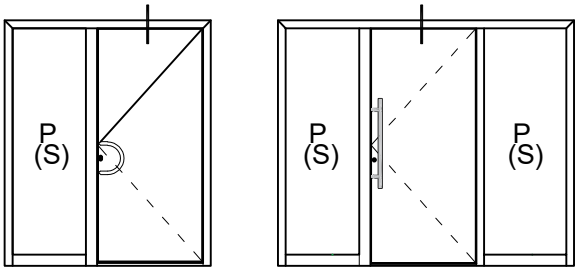


* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata. Za više informacija pogledajte poglavlje mehanizmi.
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.

Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

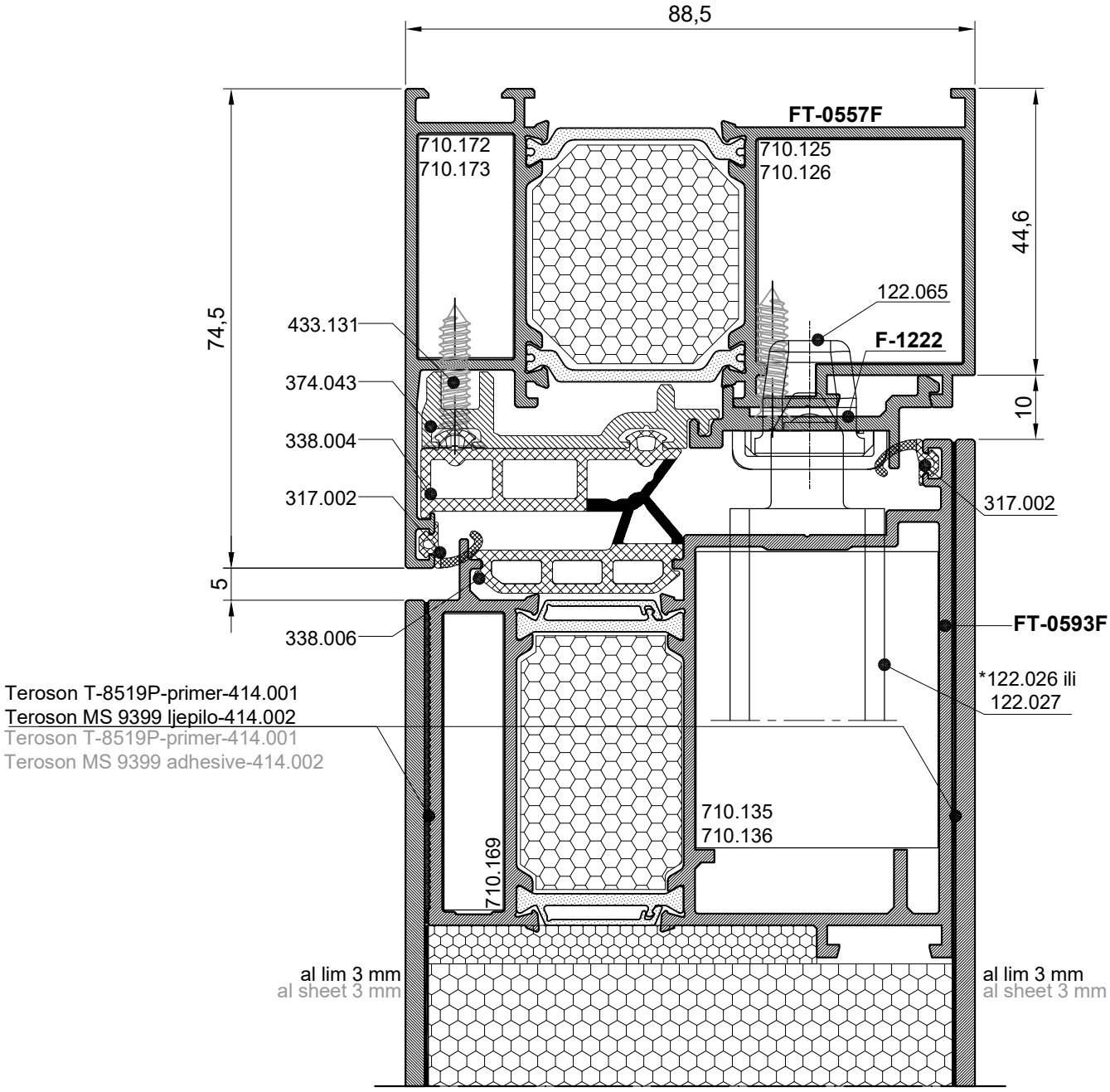
PRESJEK-11A
CROSS SECTION-11A



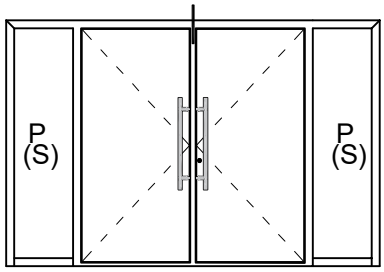


Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

PRESJEK-12
CROSS SECTION-12

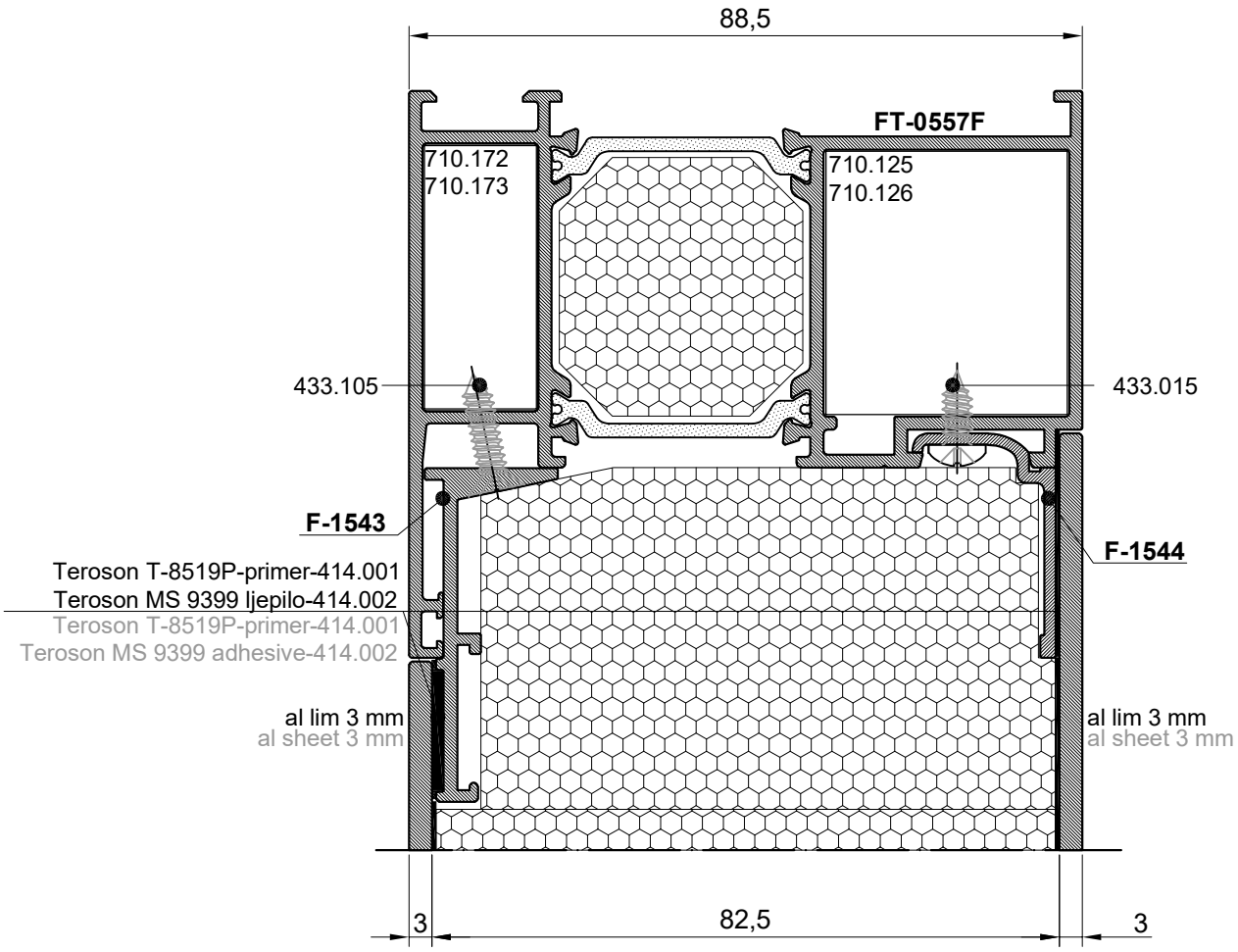


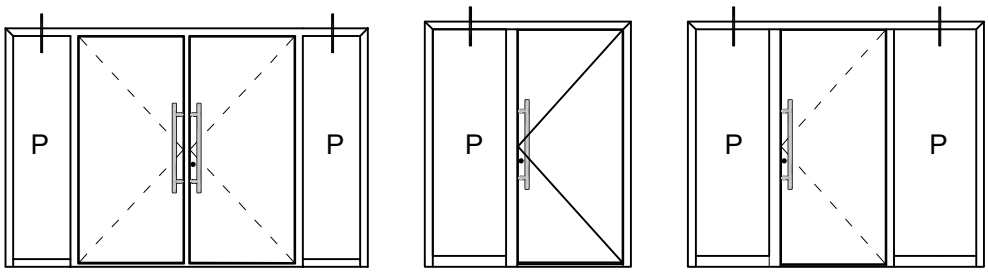
* Odabir nastavka 122.026 ili 122.027 ovisi o visini vrata.
Za više informacija pogledajte poglavlje mehanizmi.
* Selection of the shoot bolt units 122.026 or 122.027 depends on the height of the door. For more information, see the Mechanisms chapter.



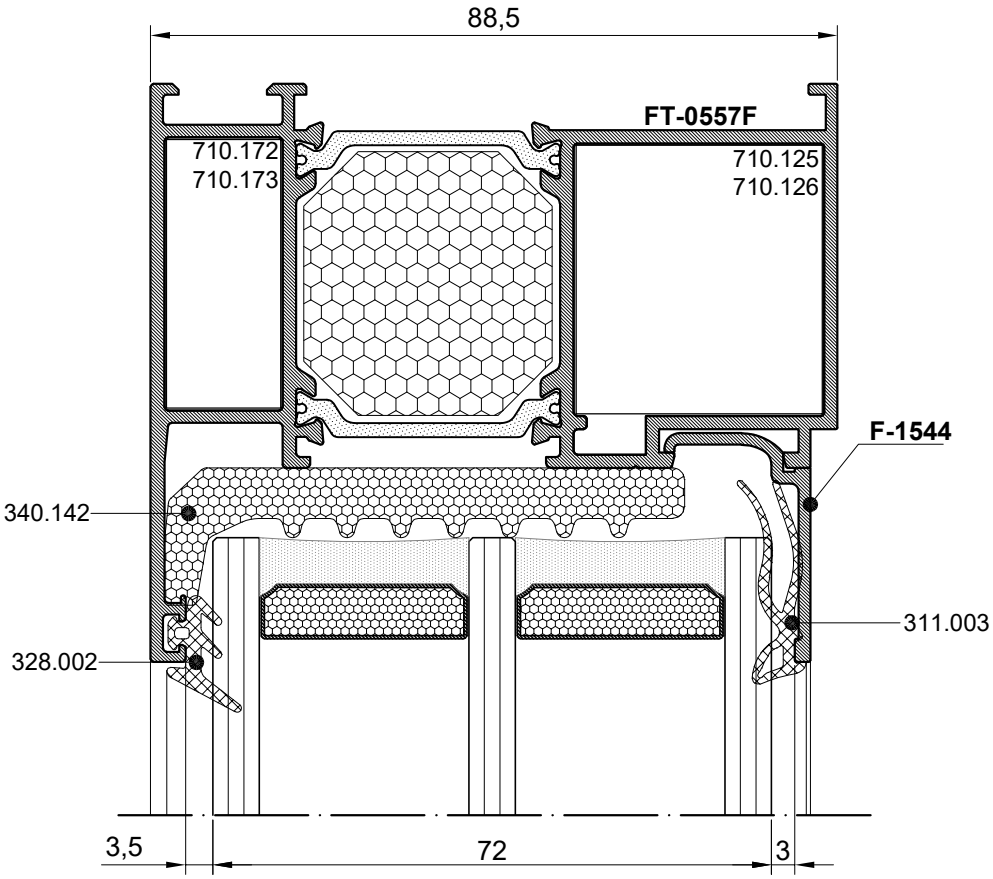
Napomena: Krilo FT-0593F za bravu 45 mm
Remark: Sash FT-0593F for lock 45 mm

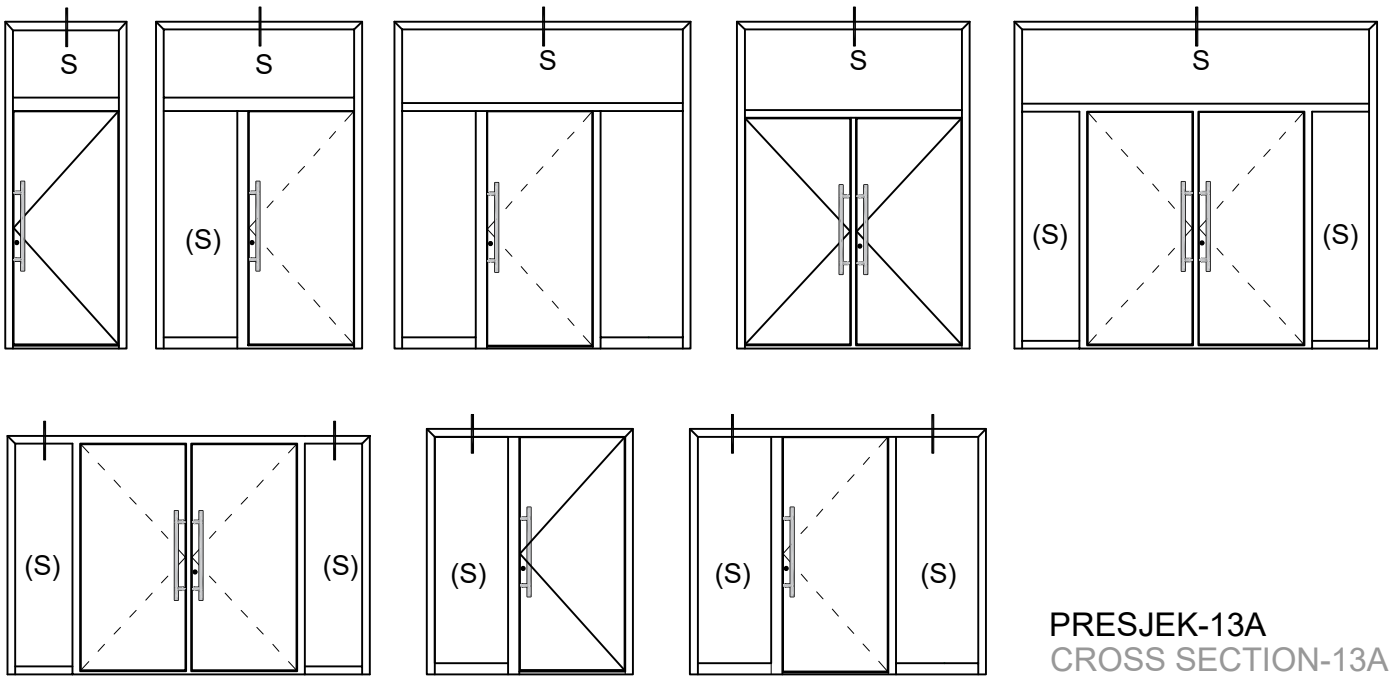
PRESJEK-12A
CROSS SECTION-12A



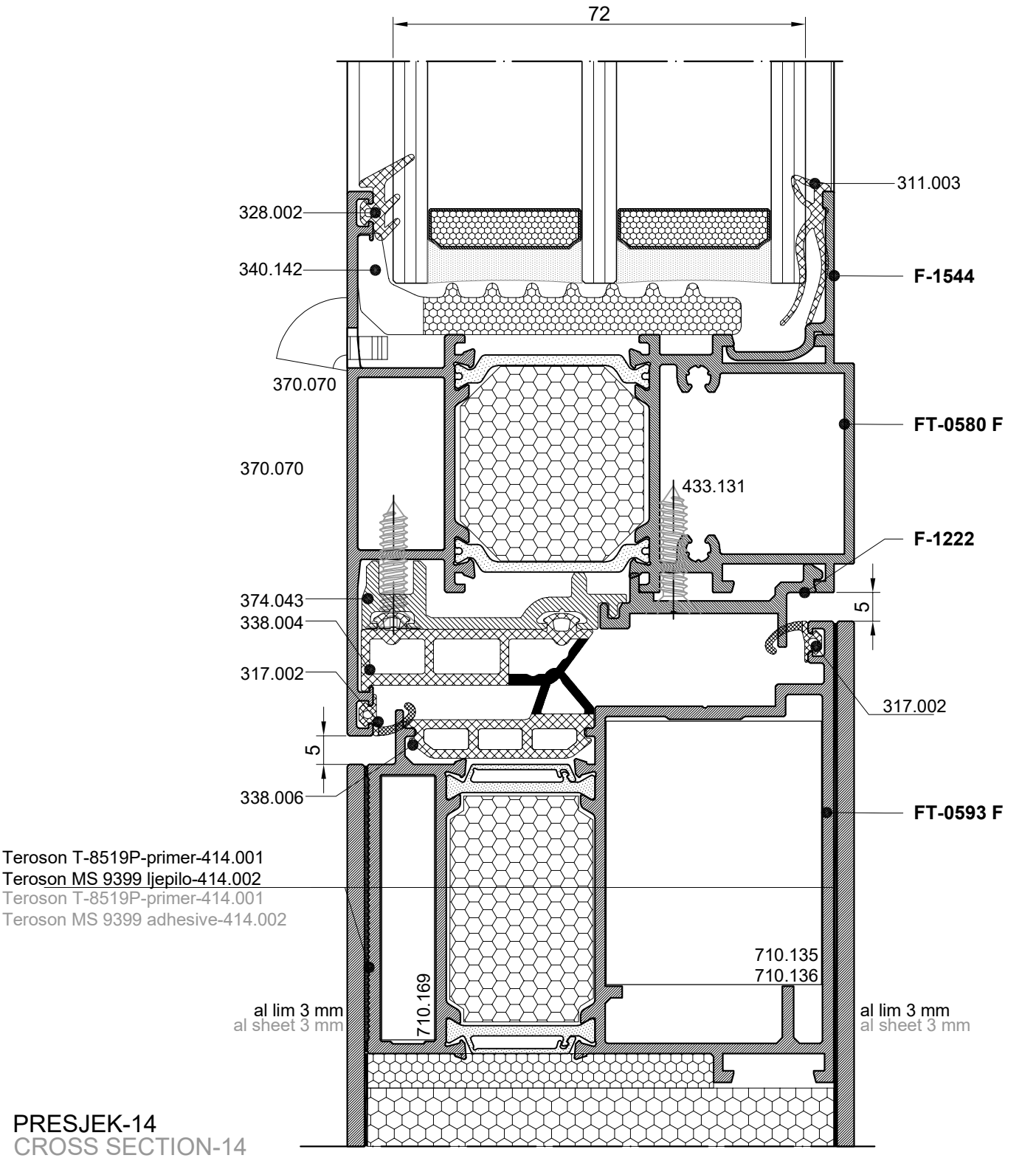


PRESJEK-13
CROSS SECTION-13

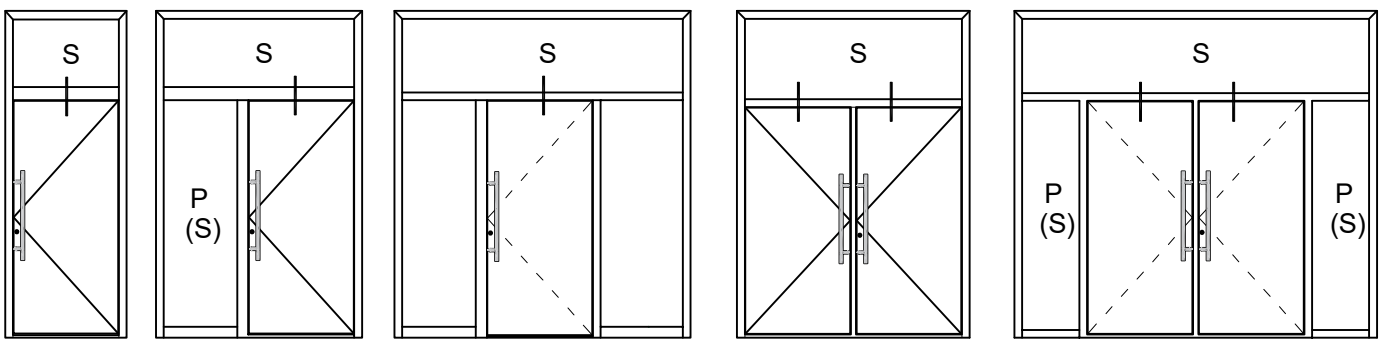


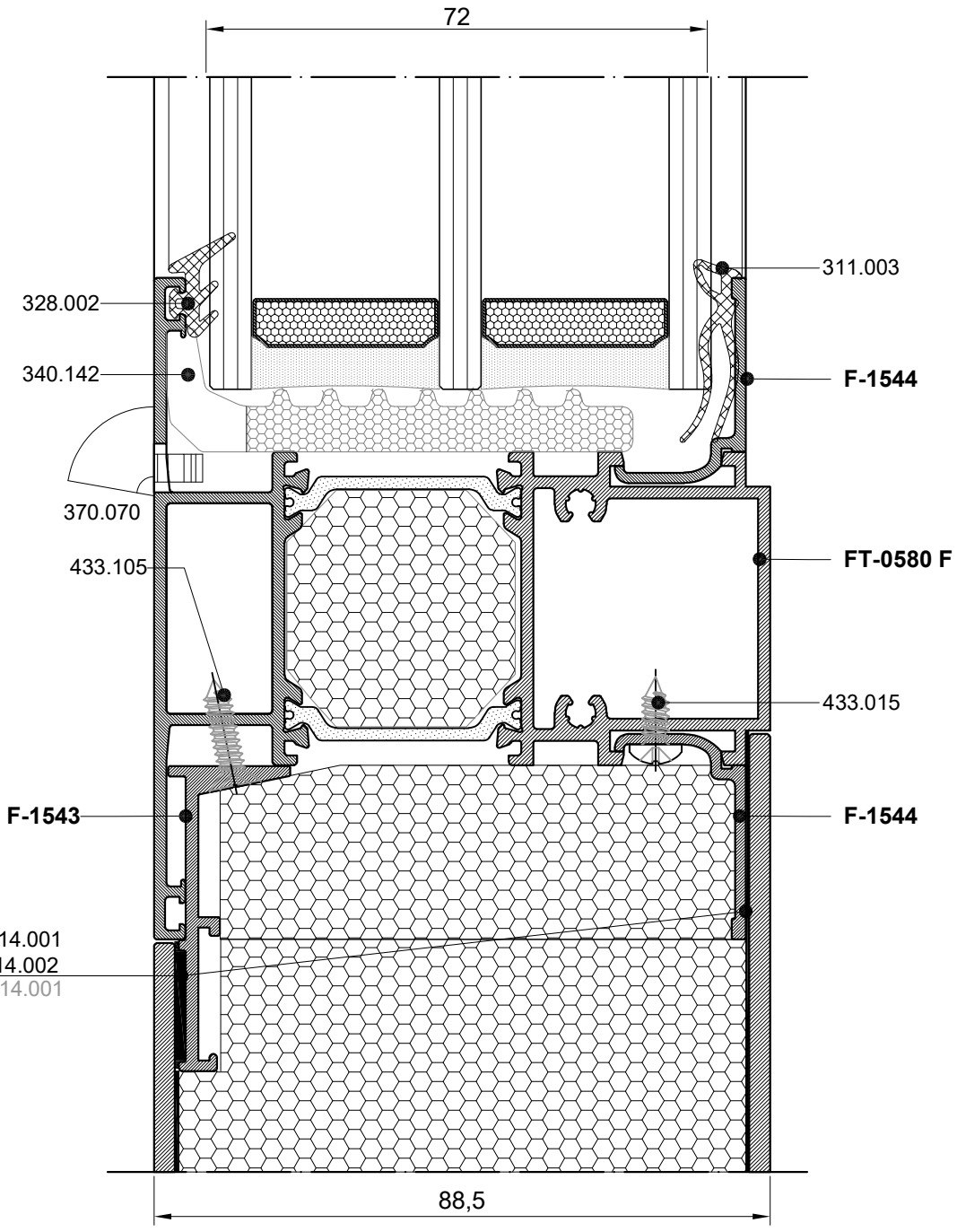


PRESJEK-13A
CROSS SECTION-13A

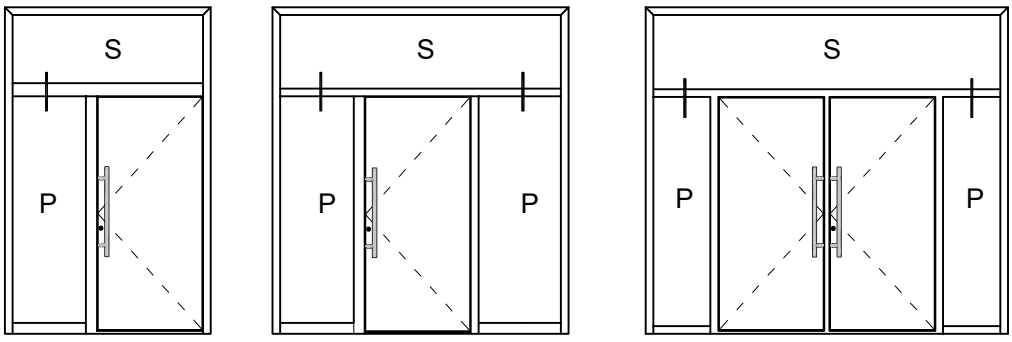


PRESJEK-14
CROSS SECTION-14

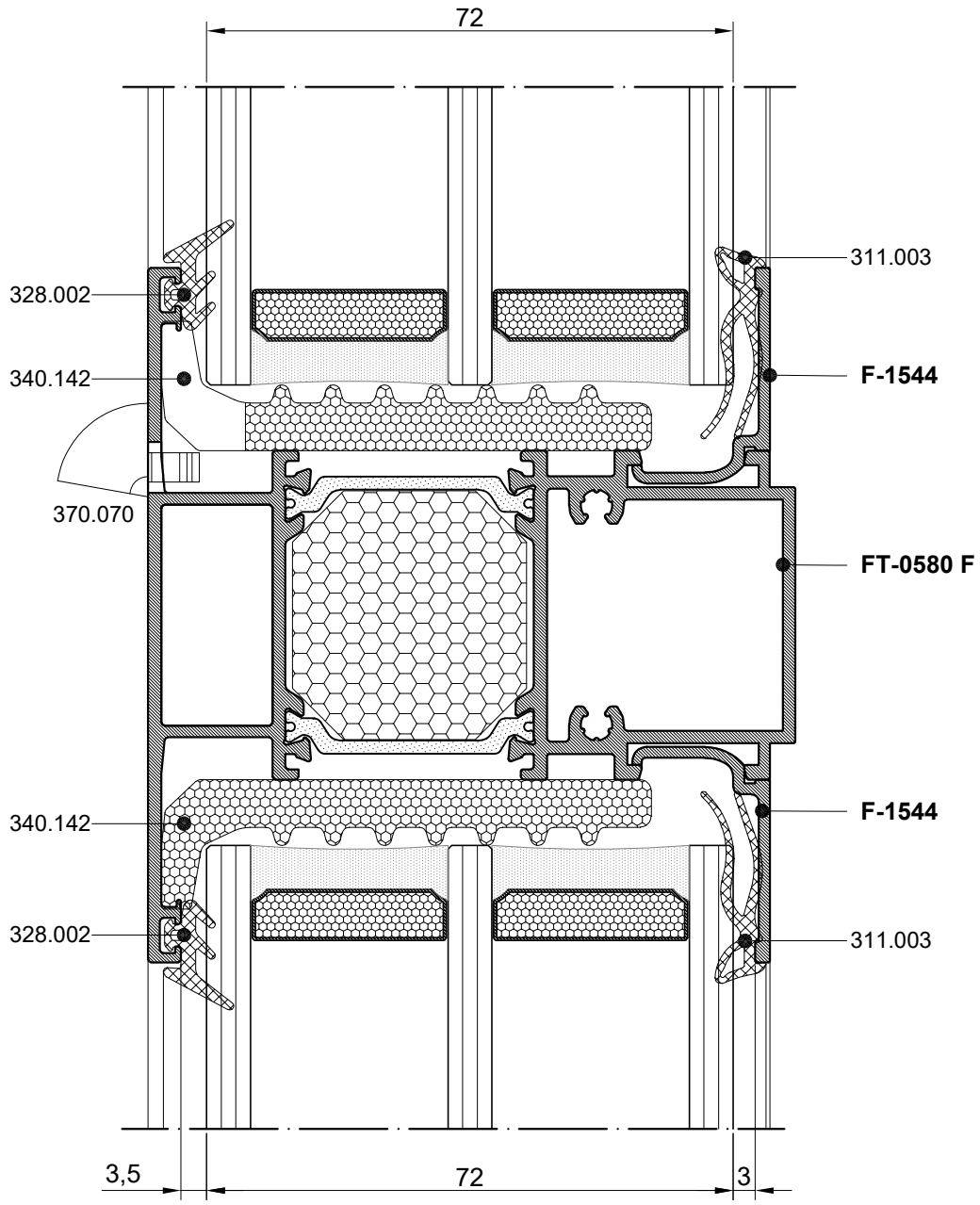


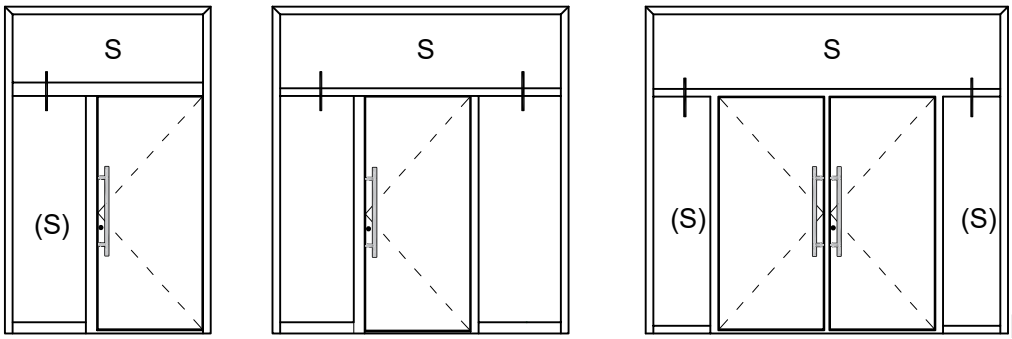


Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399
adhesive-414.002

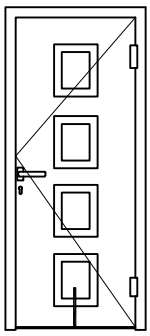


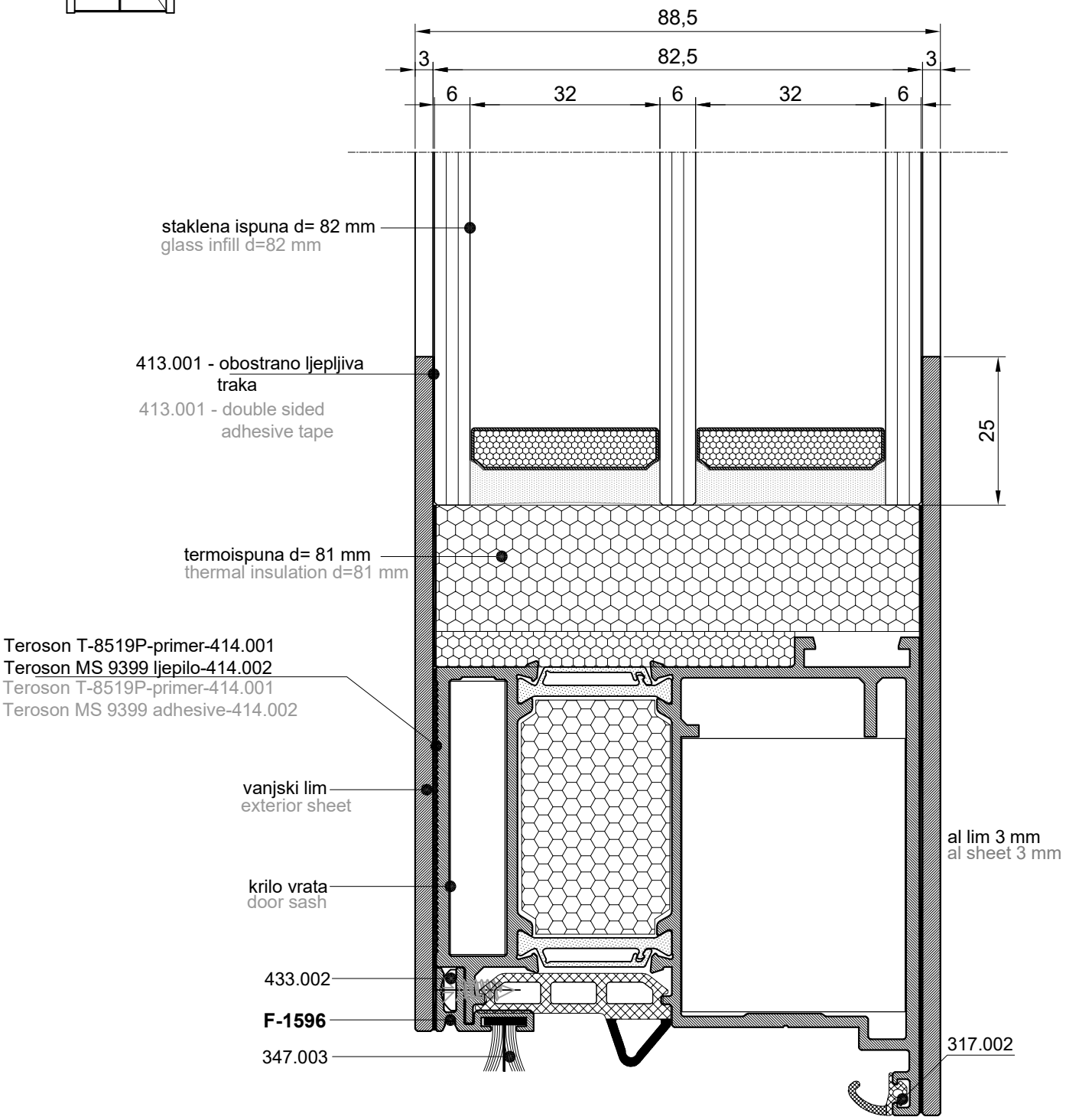
PRESJEK-15
CROSS SECTION-15

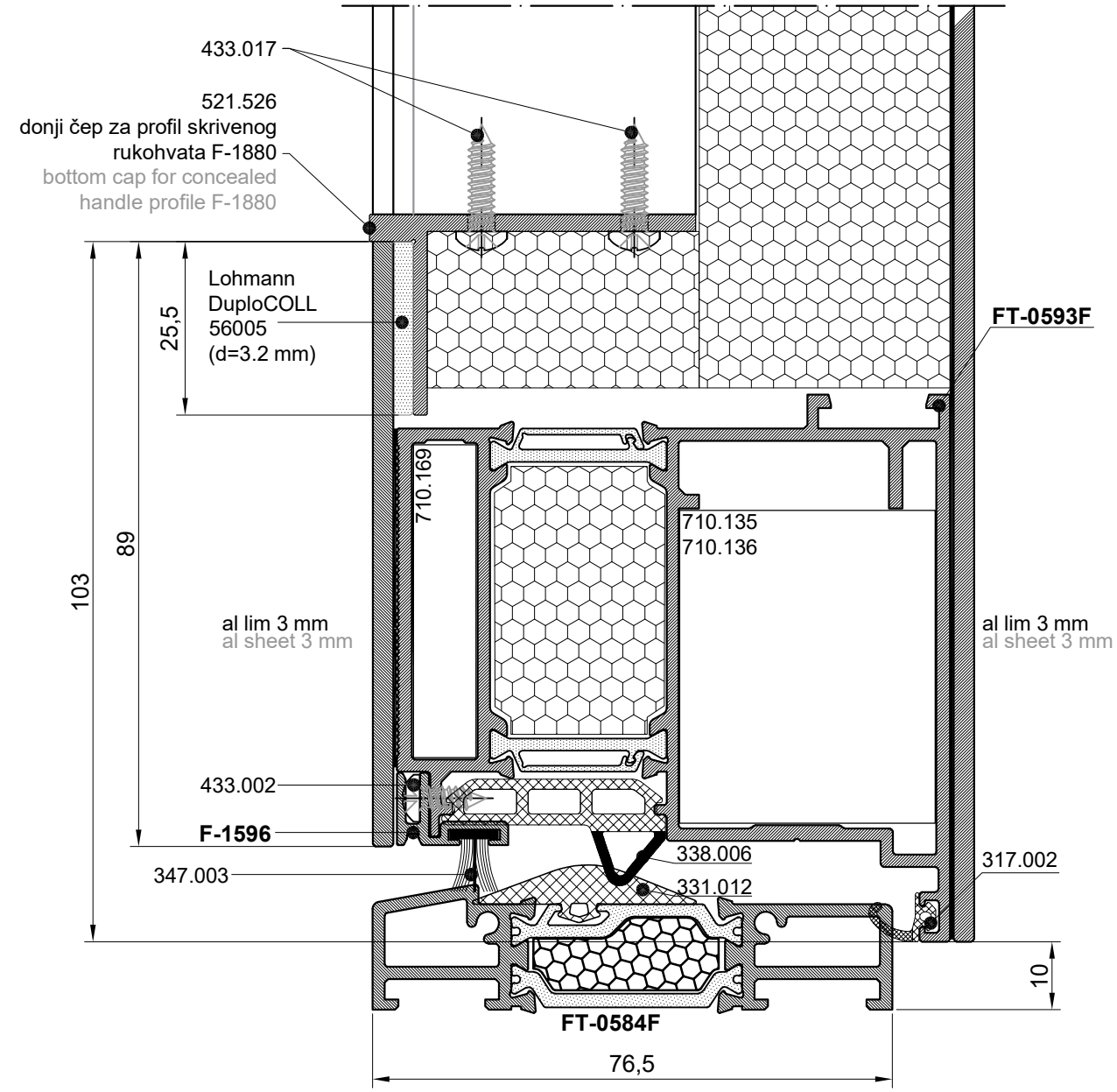


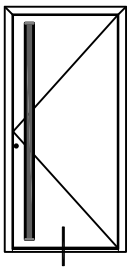


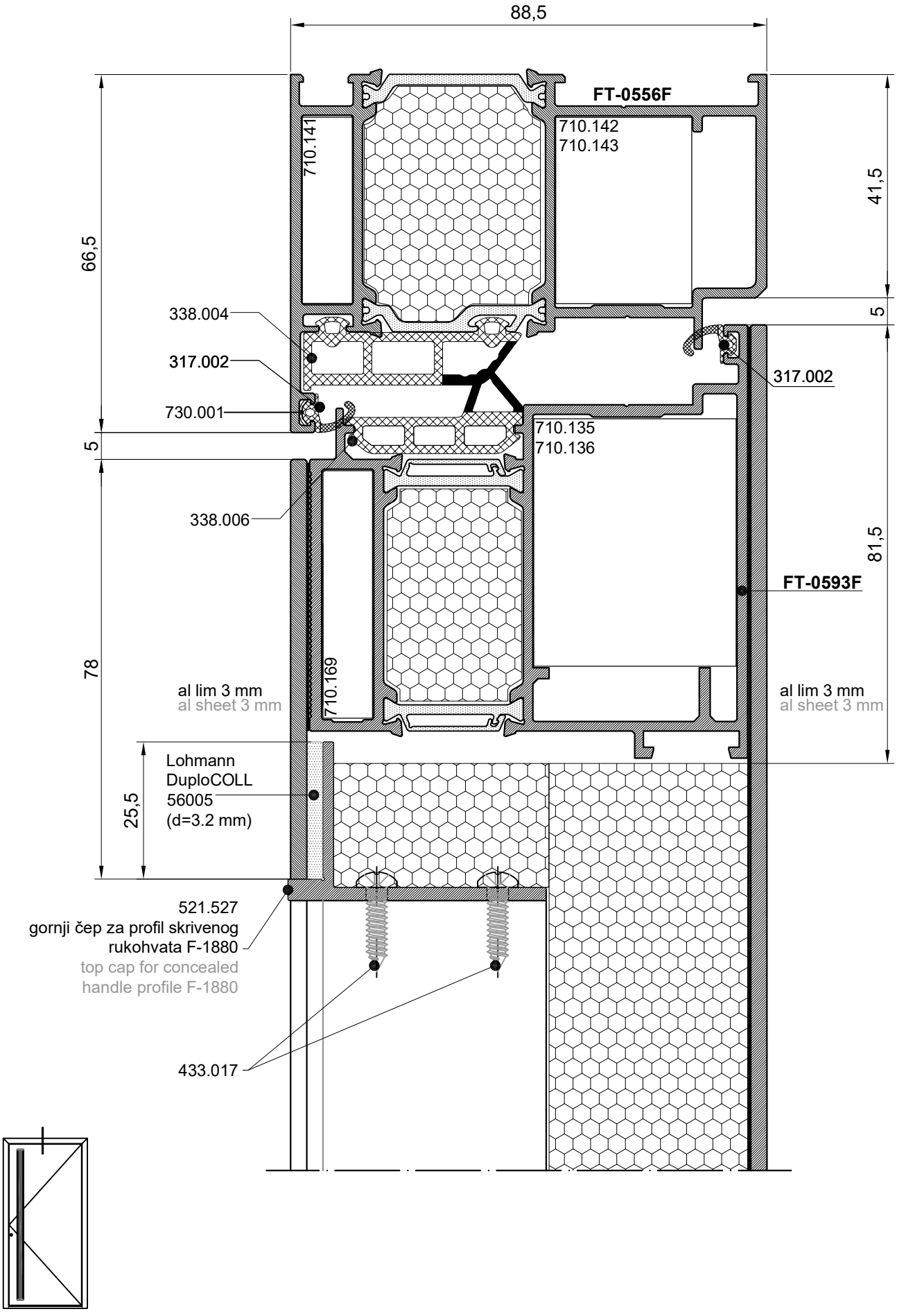
PRESJEK-15A
CROSS SECTION-15A

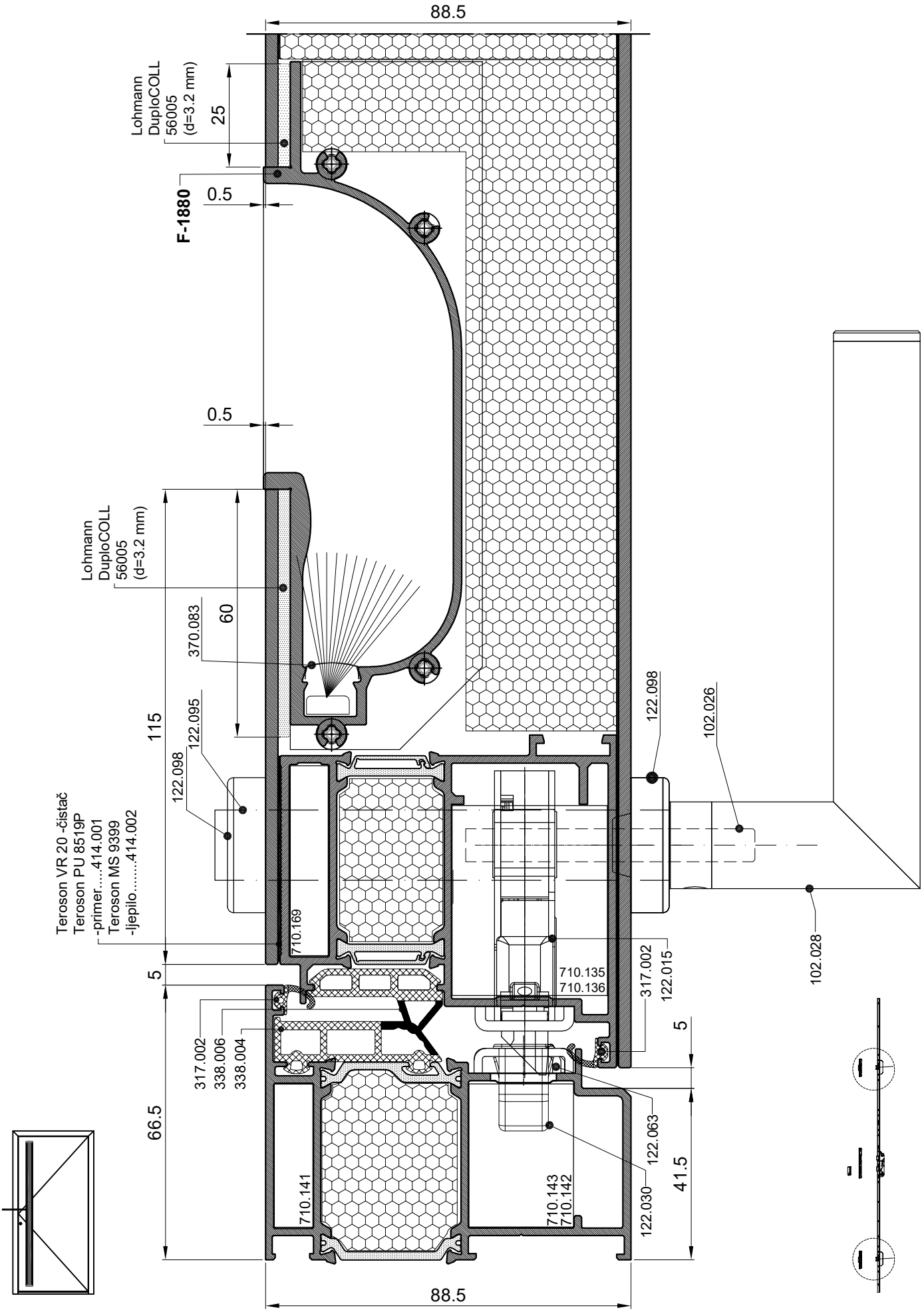



88,5
3
82,5
3
6
32
6
32
6
staklena ispuna d= 82 mm
glass infill d=82 mm
413.001 - obostrano ljepljiva traka
413.001 - double sided adhesive tape
25
termoispuna d= 81 mm
thermal insulation d=81 mm
Teroson T-8519P-primer-414.001
Teroson MS 9399 ljepilo-414.002
Teroson T-8519P-primer-414.001
Teroson MS 9399 adhesive-414.002
vanjski lim
exterior sheet
al lim 3 mm
al sheet 3 mm
krilo vrata
door sash
433.002
F-1596
347.003
317.002


433.017
521.526
donji čep za profil skrivenog rukohvata F-1880
bottom cap for concealed handle profile F-1880
Lohmann DuploCOLL 56005 (d=3.2 mm)
25,5
89
103
710.169
710.135
710.136
FT-0593F
al lim 3 mm
al sheet 3 mm
al lim 3 mm
al sheet 3 mm
433.002
F-1596
347.003
338.006
331.012
317.002
10
FT-0584F
76,5



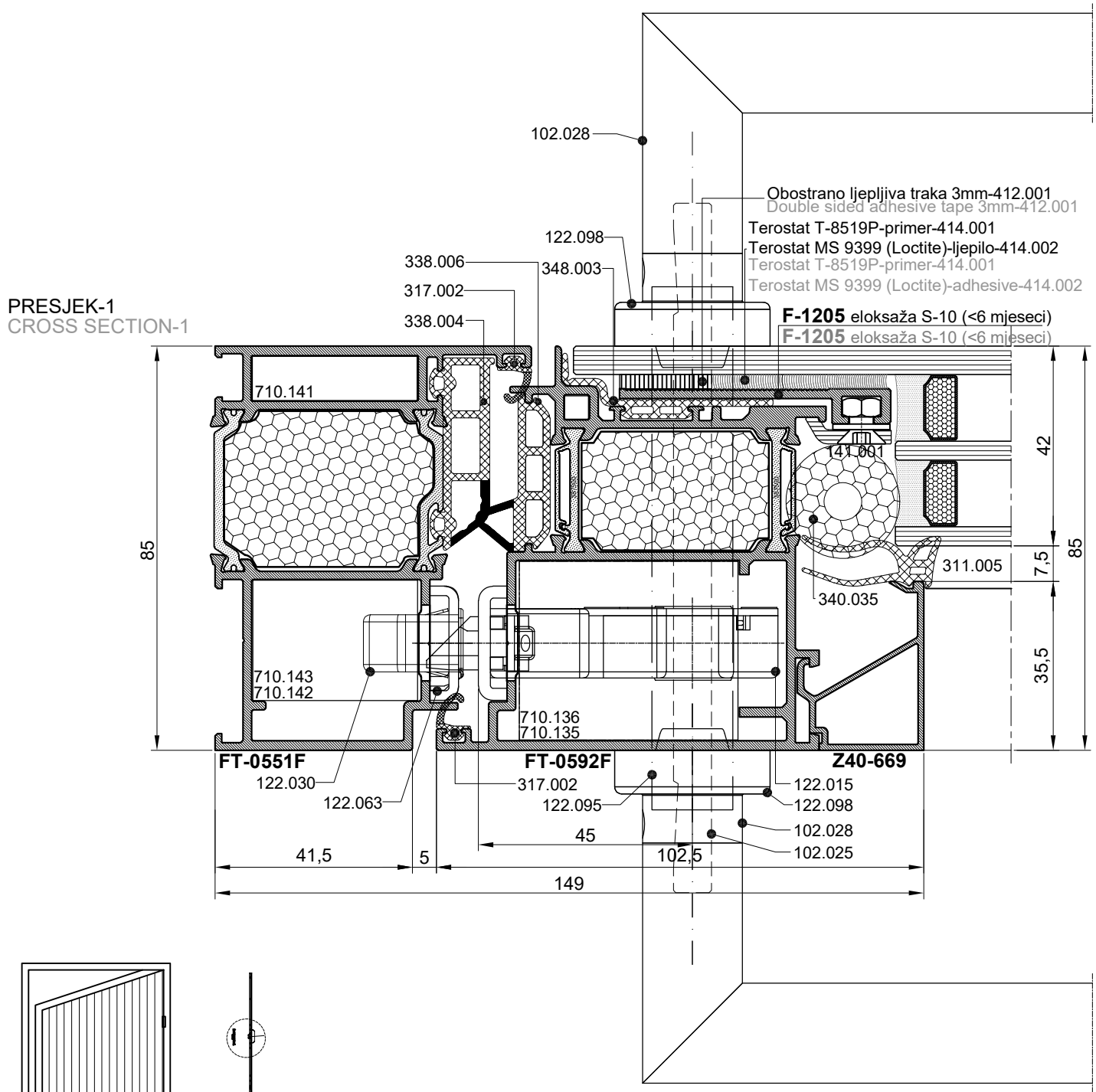

88,5
FT-0556F
710.141
710.142
710.143
66,5
41,5
5
338.004
317.002
730.001
317.002
710.135
710.136
5
338.006
81,5
FT-0593F
78
710.169
al lim 3 mm
al sheet 3 mm
al lim 3 mm
al sheet 3 mm
Lohmann
DuploCOLL
56005
(d=3.2 mm)
25,5
521.527
gornji čep za profil skrivenog
rukohvata F-1880
top cap for concealed
handle profile F-1880
433.017

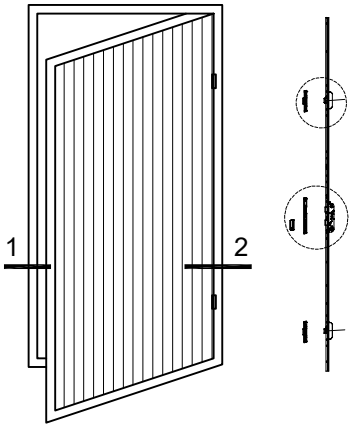

88.5
Lohmann
DuploCOLL
56005
(d=3.2 mm)
25
F-1880
0.5
0.5
Lohmann
DuploCOLL
56005
(d=3.2 mm)
370.083
60
115
122.095
122.098
Teroson VR 20 -čistač
Teroson PU 8519P
-primer....414.001
Teroson MS 9399
-ljepilo.....414.002
710.169
5
66.5
317.002
338.006
338.004
710.141
122.098
102.026
102.028
710.135
710.136
317.002
122.015
5
122.063
41.5
710.143
710.142
122.030
88.5

-vrata Termo 85 VP otvaranje unutra-
-staklena ispuna-

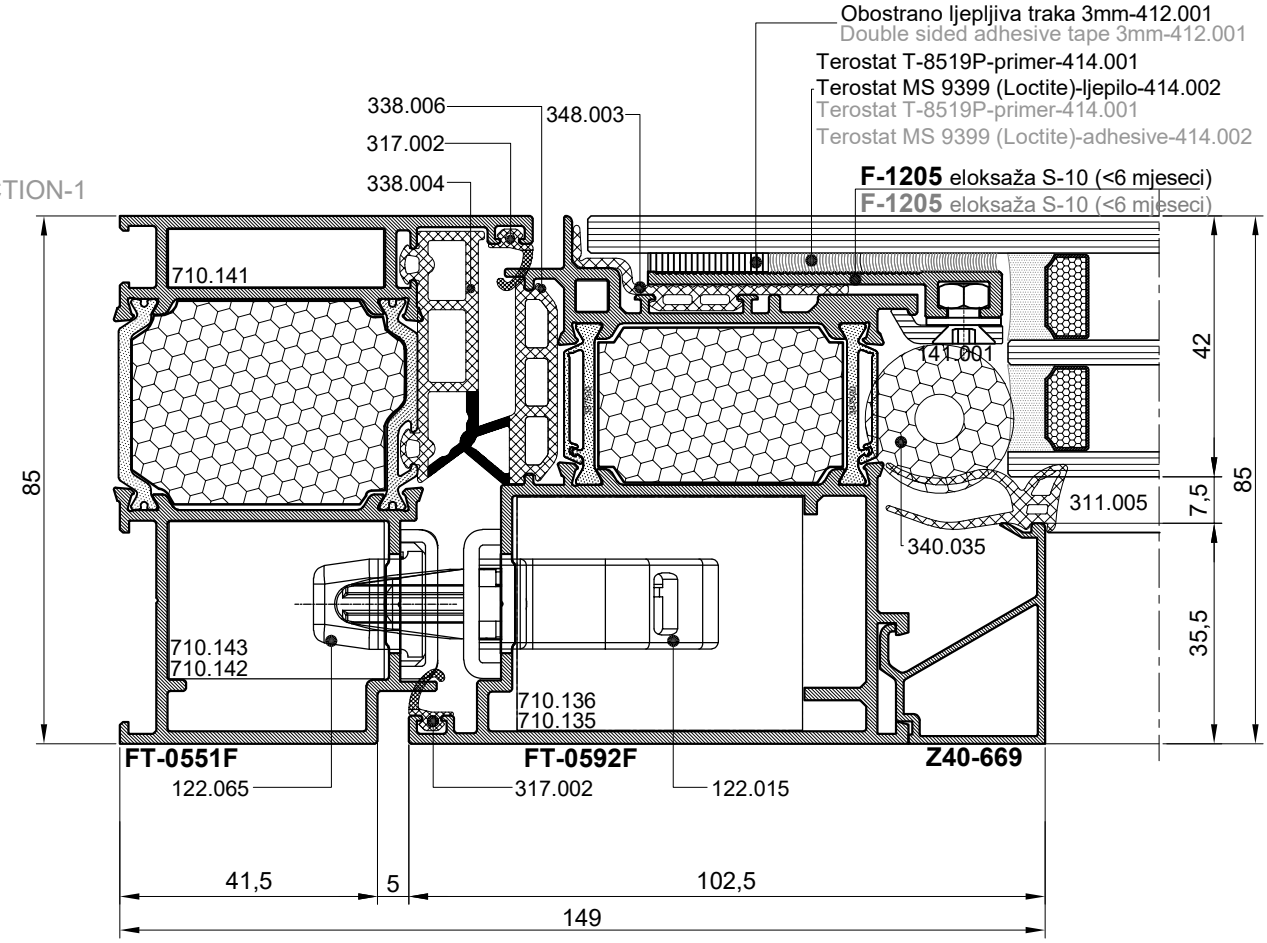
-door Termo 85 VP inward opening-
-glass infill-

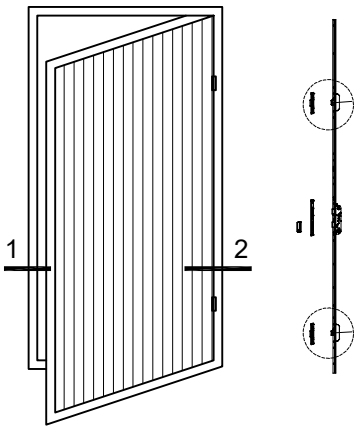
PRESJEK-1
CROSS SECTION-1



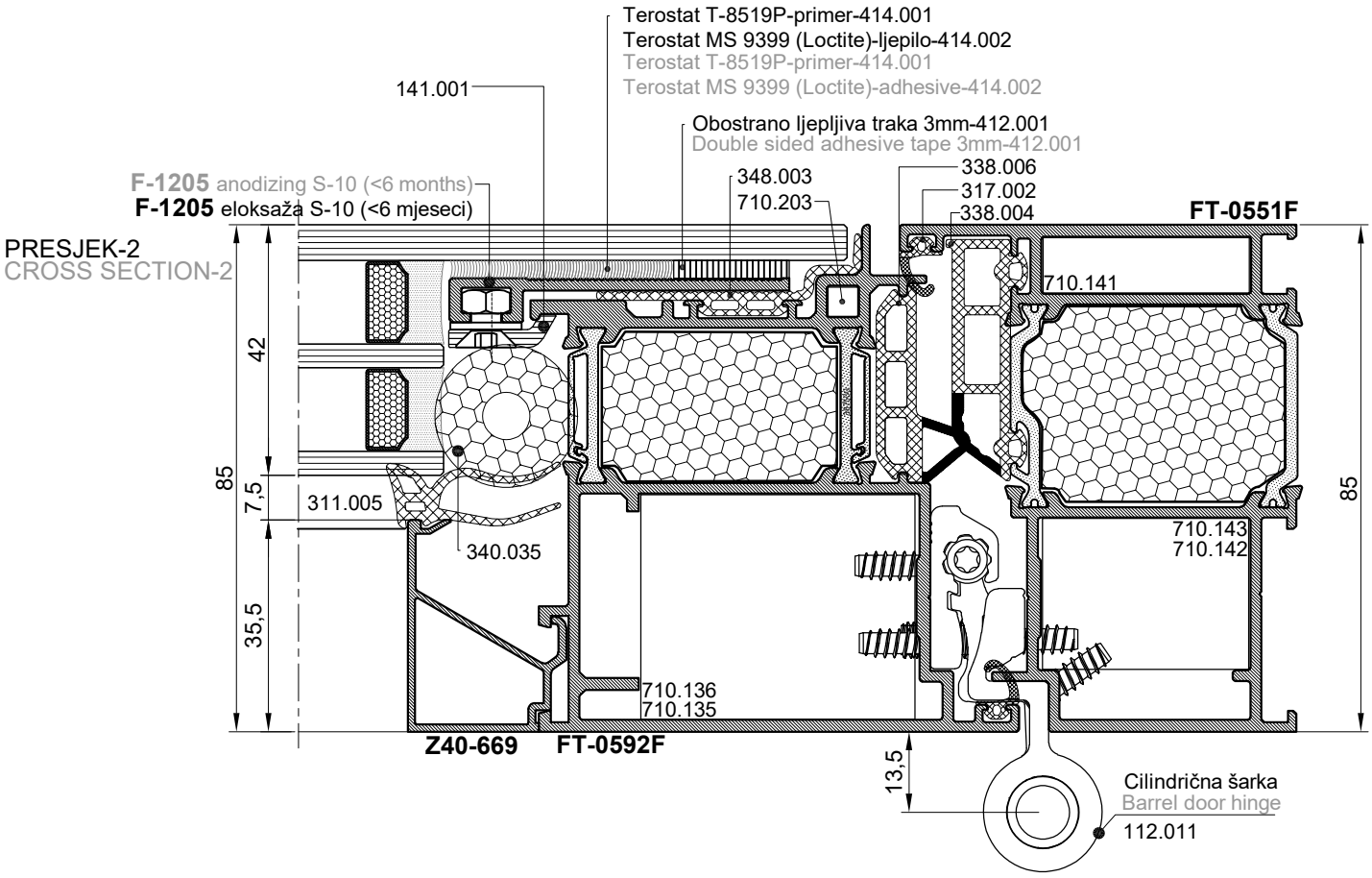


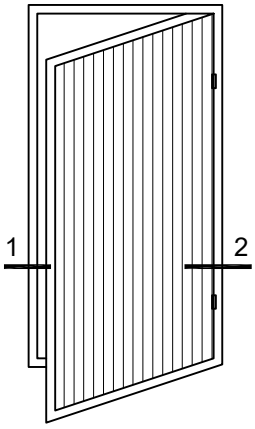
PRESJEK-1
CROSS SECTION-1



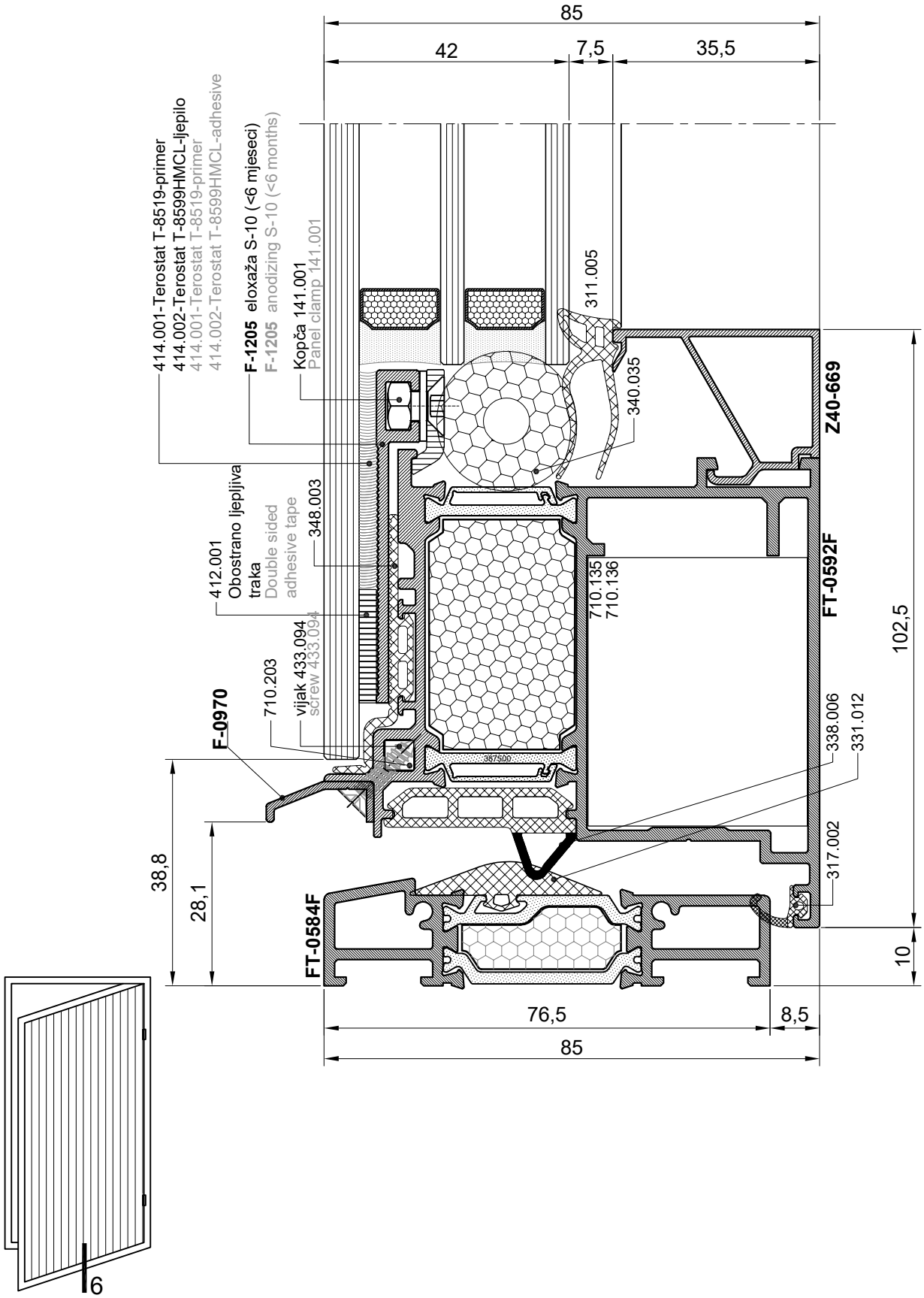


PRESJEK-2
CROSS SECTION-2

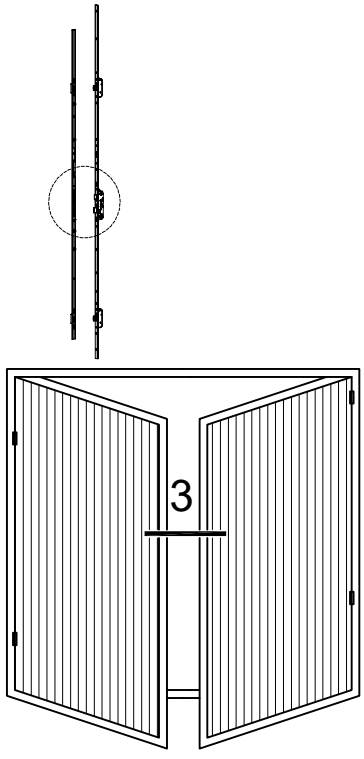


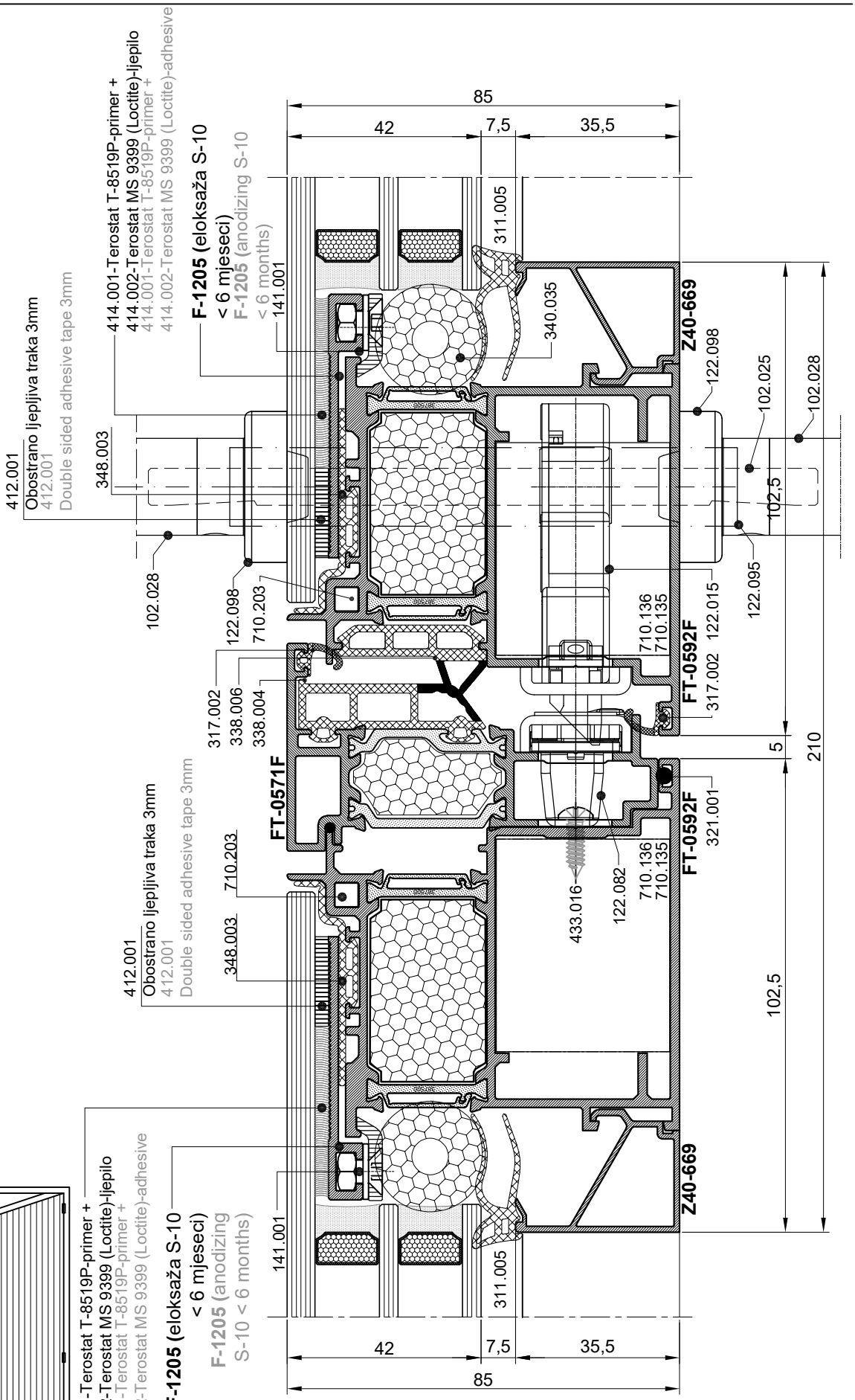


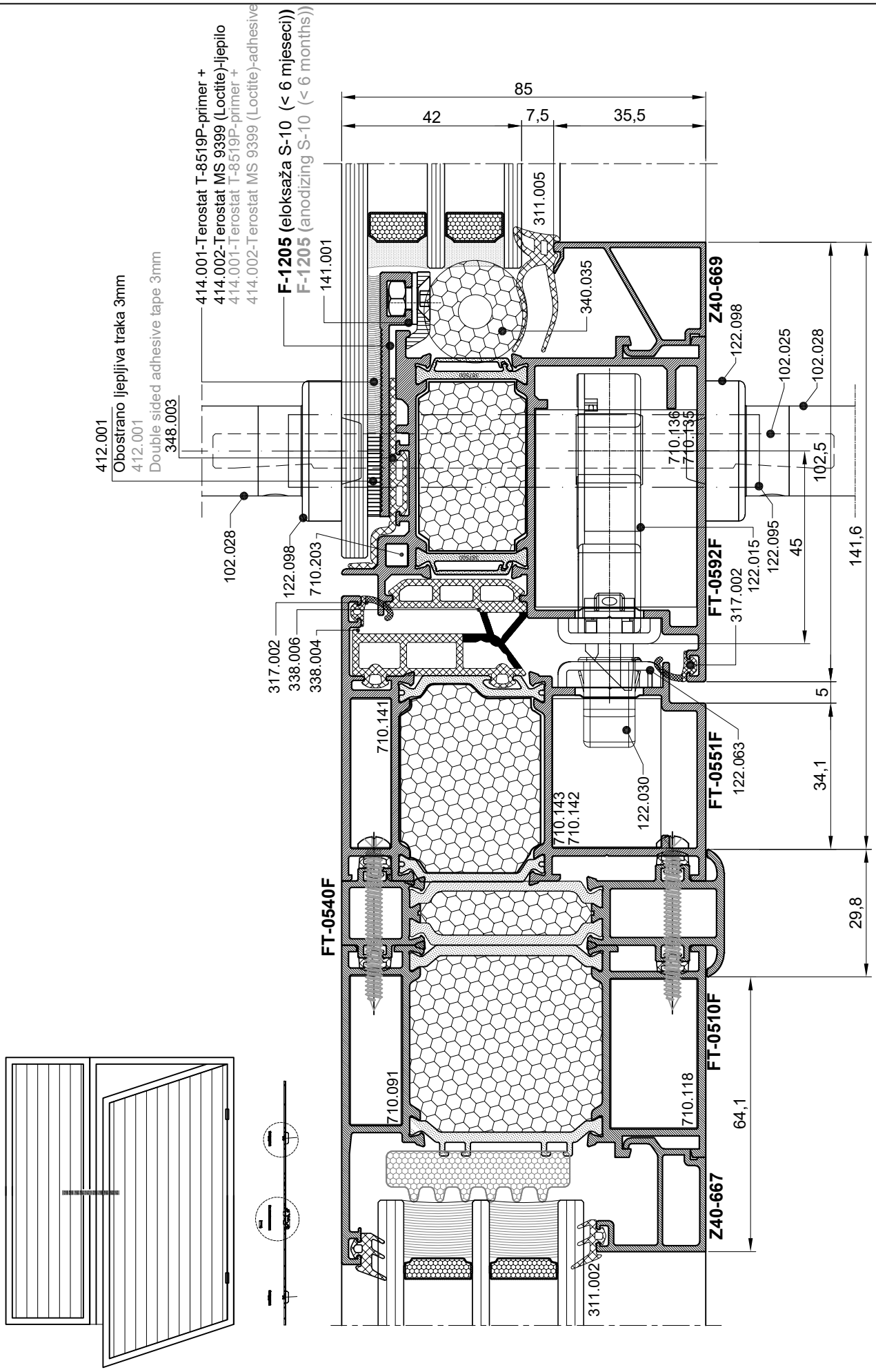
PRESJEK-6
CROSS SECTION-6

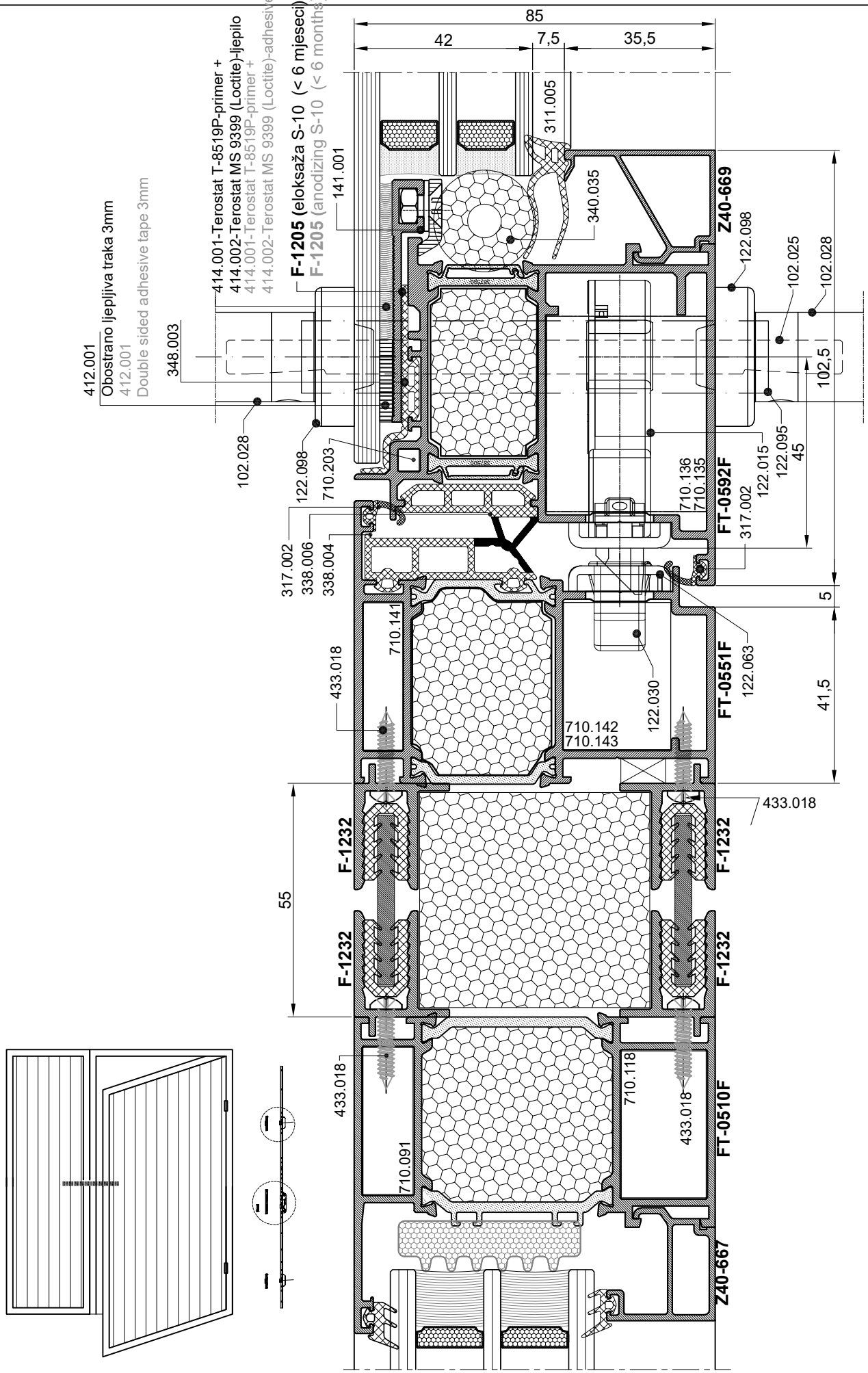


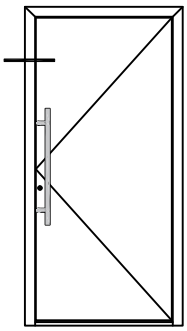
PRESJEK-3
CROSS SECTION-3






85
42
7,5
35,5
414.001-Terostat T-8519P-primer +
414.002-Terostat MS 9399 (Loctite)-ljepilo
414.001-Terostat T-8519P-primer +
414.002-Terostat MS 9399 (Loctite)-adhesive
F-1205 (eloksaža S-10 (< 6 mjeseci))
F-1205 (anodizing S-10 (< 6 months))
412.001
Obostrano ljepljiva traka 3mm
412.001
Double sided adhesive tape 3mm
348.003
141.001
311.005
340.035
Z40-669
122.098
102.025
102.028
710.136
710.135
102,5
102.028
122.098
710.203
317.002
338.006
338.004
122.095
122.015
317.002
45
141,6
FT-0592F
5
710.141
122.063
FT-0551F
34,1
710.143
710.142
122.030
FT-0540F
29,8
FT-0510F
710.091
710.118
64,1
Z40-667
311.002


85
42
7,5
35,5
311.005
141.001
340.035
Z40-669
122.098
102.025
102.028
102,5
45
122.095
122.015
710.136
710.135
317.002
FT-0592F
710.203
122.098
102.028
348.003
412.001
Obostrano ljepljiva traka 3mm
412.001
Double sided adhesive tape 3mm
414.001-Terostat T-8519P-primer +
414.002-Terostat MS 9399 (Loctite)-ljepilo
414.001-Terostat T-8519P-primer +
414.002-Terostat MS 9399 (Loctite)-adhesive
F-1205 (eloksaža S-10 (< 6 mjeseci))
F-1205 (anodizing S-10 (< 6 months))
317.002
338.006
338.004
5
710.141
433.018
122.030
122.063
FT-0551F
41,5
710.142
710.143
433.018
F-1232
F-1232
55
F-1232
F-1232
433.018
710.118
433.018
FT-0510F
710.091
Z40-667



-vanjska završna obrada -external finishing

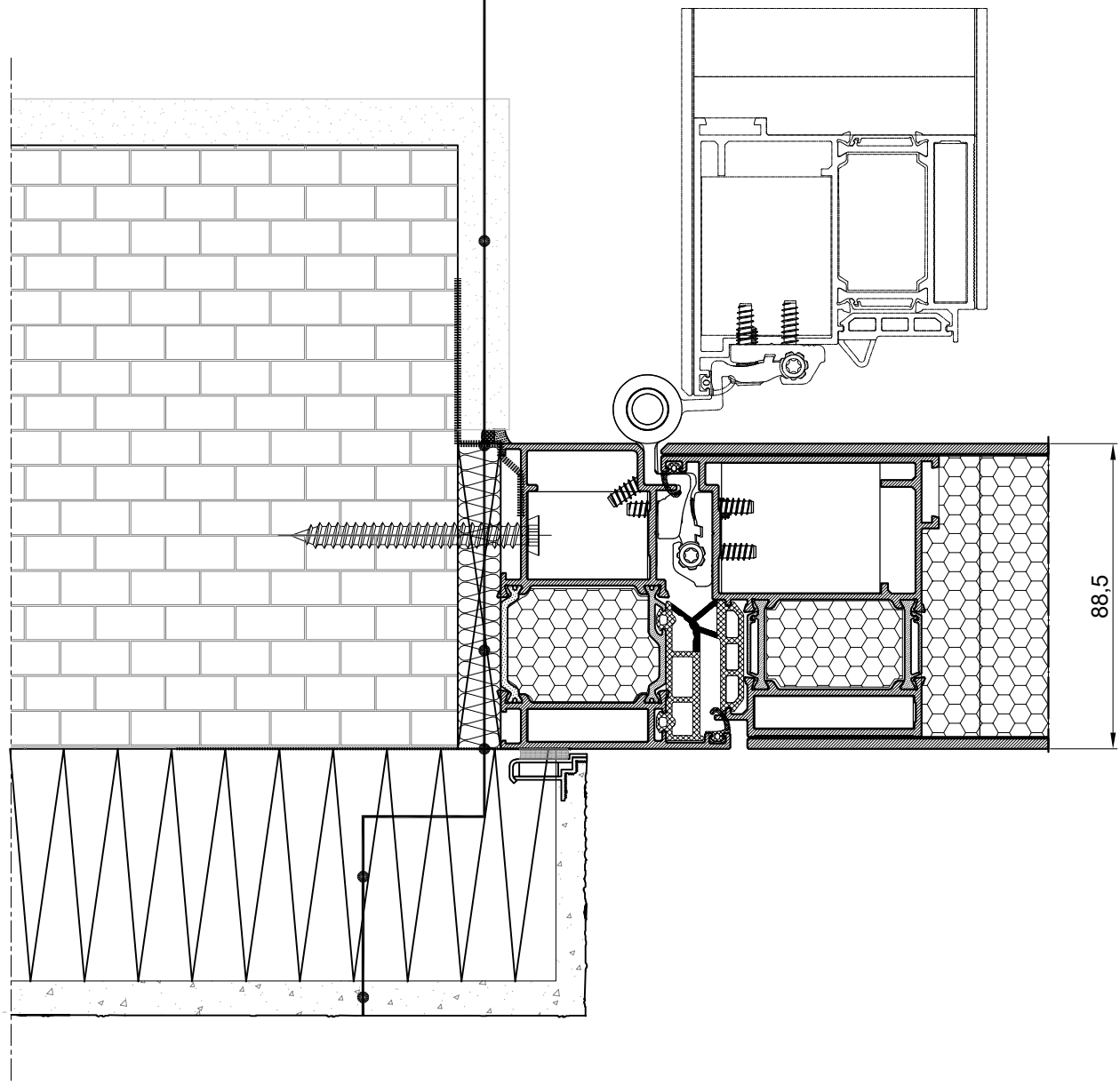
-vanjska toplinska izolacija -external thermal insulation

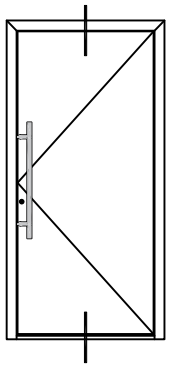
-paropropusna i vodonepropusna folija (hidroizolacija) -vapor permeable and liquid impermeable foil (hydro-insulation)

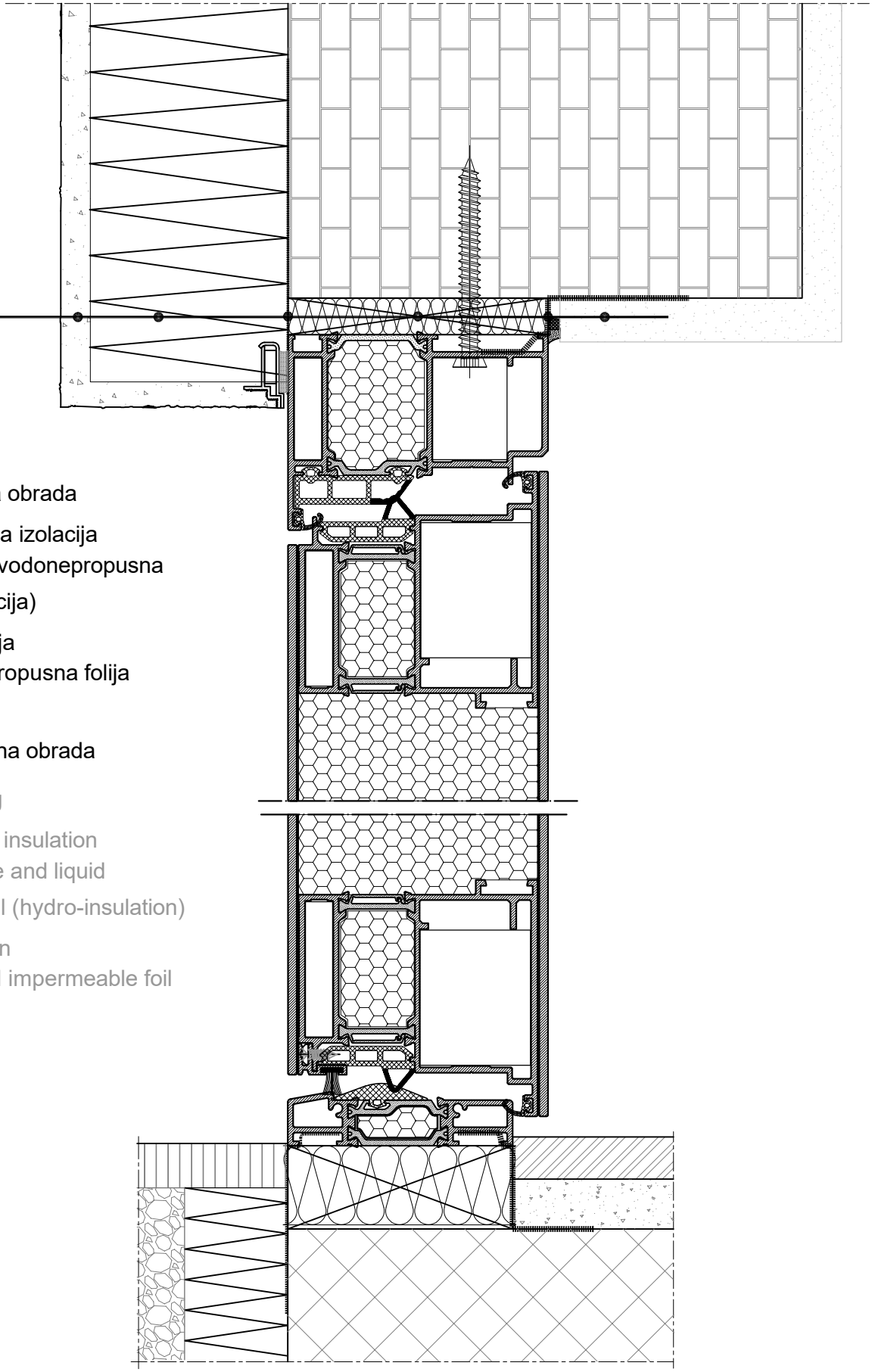
-toplinska izolacija -thermal insulation

-paro- i vodonepropusna folija (parna brana) -vapor- and liquid impermeable foil (vapor barrier)

-unutarnja završna obrada -internal finishing







-vanjska završna obrada
-vanjska toplinska izolacija
-paropropusna i vodonepropusna folija (hidroizolacija)
-toplinska izolacija
-paro- i vodonepropusna folija (parna brana)
-unutarnja završna obrada

-external finishing
-external thermal insulation
-vapor permeable and liquid impermeable foil (hydro-insulation)
-thermal insulation
-vapor- and liquid impermeable foil (vapor barrier)
-internal finishing

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Knjiga A / *Book A*

Travanj 2026. / April 2026

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