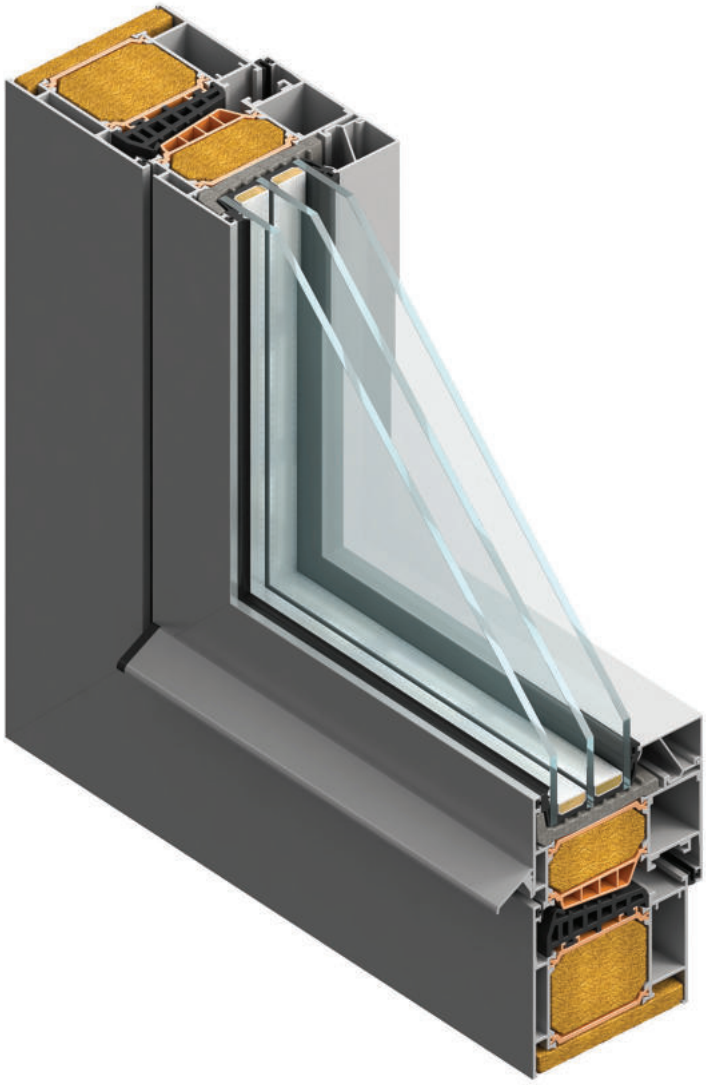
FEAL



# TERMO 85 PA

cool, temperate climate

ph B

CERTIFIED COMPONENT

Passive House Institute

## SISTEM ZA PASIVNE KUĆE

*PASSIVHAUSSYSTEM*

# SADRŽAJ
## INHALT


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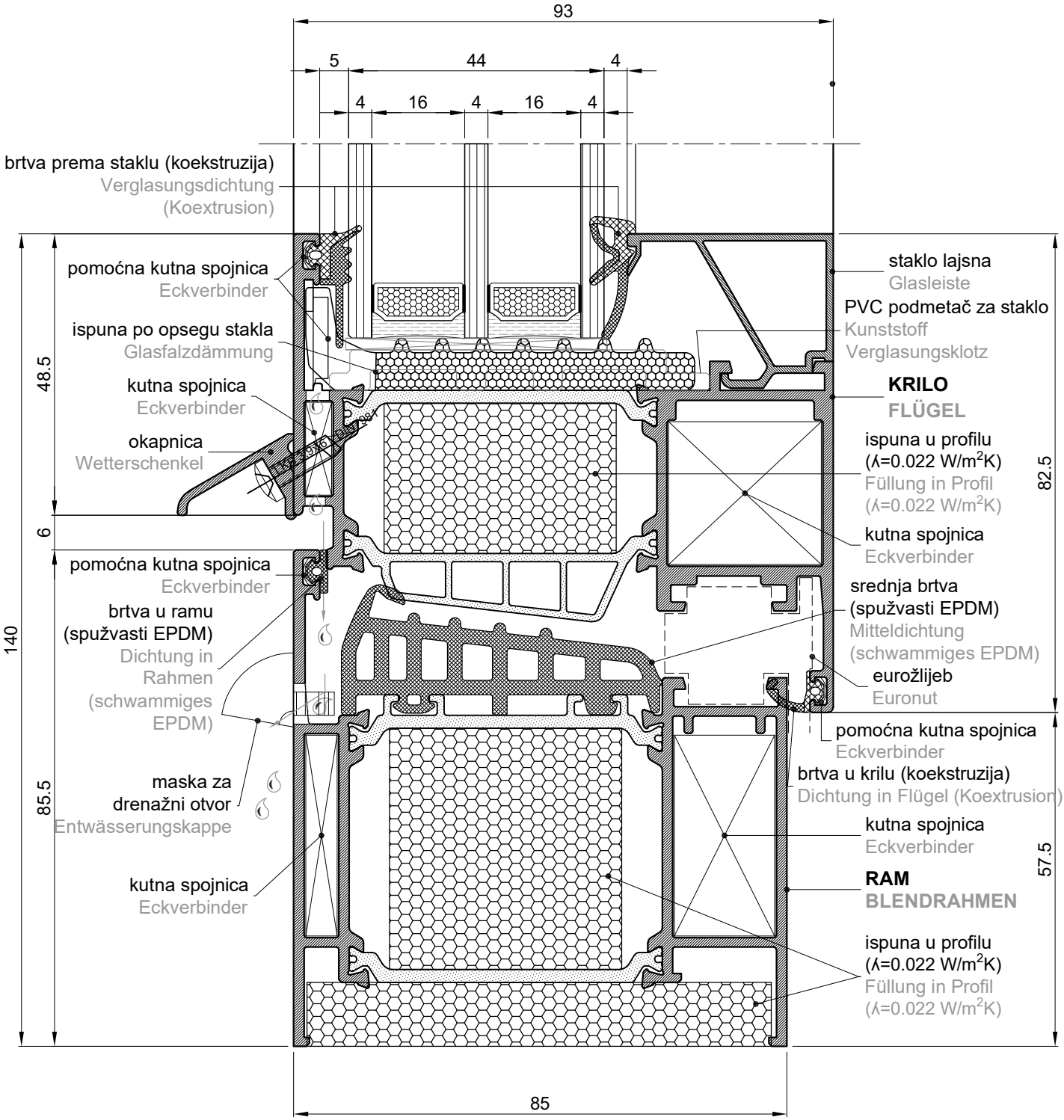
# Značajke sistema
## Systemeigenschaften

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

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

Die Profile aus dem System Termo 85 PA sind zusätzlich mit Wärmedämmstoff gefüllt

- die Füllung besteht aus einem Material mit niedrigem Wärmeleitkoeffizienten λ /höherer Wärmeübergangswiderstand/



OPIS SISTEMA TERMO 85 PA
SYSTEMBESCHREIBUNG TERMO 85 PA

Sistem **Termo 85 PA** je namijenjen za izradu prozora, balkonskih i ulaznih vrata visoko izoliranih objekata, koji ispunjava i najstrože kriterije u pogledu energetske učinkovitosti, odnosno zadovoljava standarde pasivne kuće **Uw ≤ 0.80** W/m$^2$K.

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

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

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

Termo 85 PA-System ist für die Herstellung von Fenstern, Balkon- und Eingangstüren in hochgedämmten Gebäuden bestimmt, die die strengsten Kriterien in Bezug auf die Energieeffizienz erfüllen, bzw. die Standards des Passivhauses Uw ≤ 0,80 W / m2 / K erfüllen.

Mit dem Wärmedurchgangskoeffizienten durch den Blendrahmen Uf = 0,75 W/m2/K, in Kombination mit Dreifachverglasung Ug = 0,70 W/m2/K und dem passenden Glasabstandhalter beträgt der gesamte Wärmedurchgangskoeffizient durch das Fenster (Maß nach EN 10077-2 1230x1480 mm) Uw = 0,78 W/m2/K, was das System als passivhaustaugliche Produkte einstuft, und als Ergebnis hat das System eine Bestätigung des *Passivhaus Instituts (PHI) - Darmstadt Deutschland*.

Um solche Ergebnisse zu erzielen, bzw. um die thermischen Eigenschaften zu verbessern, wurden bei diesem System neben der Konstruktion der Profile selbst auch modernste Materialien mit einem sehr niedrigen Wärmeleitfähigkeitskoeffizienten λ (W / mK) verwendet.

- Polyamidstege der neuen Generation,
- Glasfalzdämmung,
- Wärmedämmfüllung in Profilkammern,
- koextrudierte Dichtungen

| Tehničke karakteristike sistema: | Technische Systemeigenschaften: |
|---|---|
| Dubina okvira: 85 mm | Rahmentiefe: 85 mm |
| Dubina krila: 93 mm | Flügeltiefe: 93 mm |
| Dubina staklo ispune: do 46 mm | Glasstärke: bis 46 mm |
| Poliamidne trake: 54 mm | Polyamidstege: 54 mm |
| Ug = 0.52 W/m$^2$K | Ug = 0.52 W/m$^2$K |
| Uf = 0.75 W/m$^2$K | Uf = 0.75 W/m$^2$K |
| Uw = 0.67 W/m$^2$K | Uw = 0.67 W/m$^2$K |

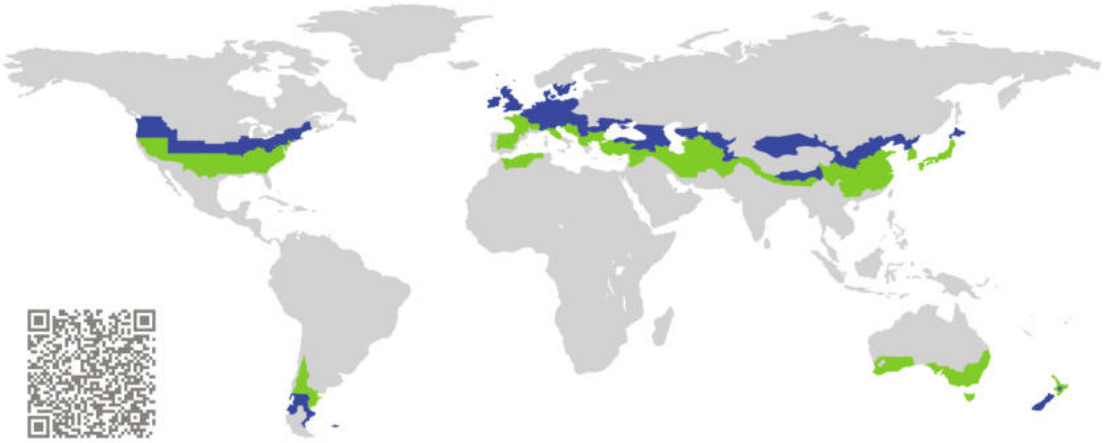
# Ispitivanja i certifikati
## Prüfungen und Zertifikate

# ZERTIFIKAT

**Zertifizierte Passivhaus-Komponente**

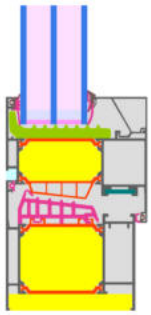
Komponenten-ID 1082wi03 gültig bis 31. Dezember 2026

Passivhaus Institut
Dr. Wolfgang Feist
64283 Darmstadt
Deutschland



| | |
|---|---|
| Kategorie: | **Fensterrahmen** |
| Hersteller: | **Feal d.o.o., Siroki Brijeg, Bosnien Und Herzegowina** |
| Produktname: | **Termo 85 PA** |

**Folgende Kriterien für die kühl-gemäßigte Klimazone wurden geprüft**



| | | | |
|---|---|---|---|
| Behaglichkeit | $U_W$ = 0,78 | ≤ | 0,80 W/(m² K) |
| | $U_{W,eingebaut}$ | ≤ | 0,85 W/(m² K) |
| | mit $U_g$ | = | 0,70 W/(m² K) |
| Hygiene | $f_{Rsi=0,25}$ | ≥ | 0,70 |

kühl-gemäßigtes Klima

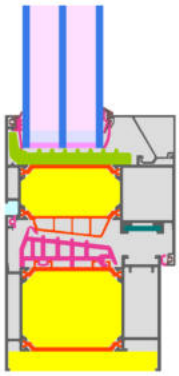
phB

ZERTIFIZIERTE KOMPONENTE
Passivhaus Institut

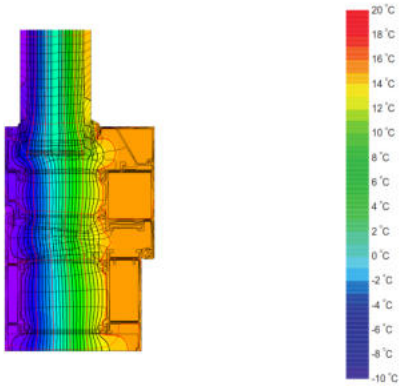
Passivhaus-Effizienzklasse: phE | phD | phC | phB | phA

www.passiv.de

**Feal d.o.o.**
Trnska cesta 146, 88220 Siroki Brijeg, Bosnien Und Herzegowina
☎ +387 39 704 269 | ✉ info@feal.ba | http://www.feal.ba |



Berechnungsmodell




Isothermengrafik

**Beschreibung**

Aluminiumfensterrahmen mit thermischer Trennung aus Low lambda Polyamide und Dämmung aus Kooltherm (0,022 W/(mK)) Glasstärke: 44 mm (4/16/4/16/4), Glaseinstand: 18 mm

**Erläuterung**

Die Fenster-U-Werte wurden für die Prüffenstergröße von 1,23 m × 1,48 m bei $U_g$ = 0,70 W/(m² K) berechnet. Werden höherwertige Verglasungen eingesetzt, verbessern sich die Fenster-U-Werte wie folgt:

| | | | | | | |
|---|---|---|---|---|---|---|
| Verglasung | $U_g$ = | 0,70 | 0,64 | 0,58 | 0,52 | W/(m² K) |
| | | ↓ | ↓ | ↓ | ↓ | |
| Fenster | $U_W$ = | 0,78 | 0,74 | 0,70 | 0,67 | W/(m² K) |

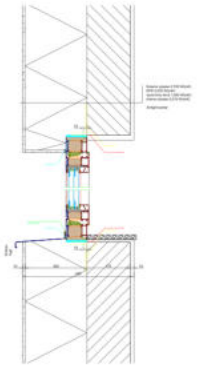
Transparente Bauteile werden abhängig von den Wärmeverlusten durch den opaken Teil in Effizienzklassen eingestuft. In diese Wärmeverluste gehen die Rahmen-U-Werte, die Rahmenbreiten, Glasrand und die Glasrandlängen ein. Ein ausführlicher Bericht über die im Rahmen der Zertifizierung durchgeführten Berechnungen ist beim Hersteller erhältlich.

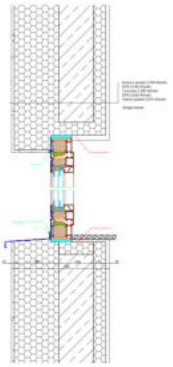
Das Passivhaus Institut hat weltweite Komponentenanforderungen für sieben Klimazonen definiert. Grundsätzlich können Komponenten, die für Klimazonen mit höheren Anforderungen zertifiziert sind, auch in Klimazonen mit geringeren Anforderung eingesetzt werden. Es kann wirtschaftlich sinnvoll sein, in einer Klimazone eine thermisch höherwertige Komponente, die für eine Klimazone mit strengeren Anforderungen zertifiziert wurde, einzusetzen.

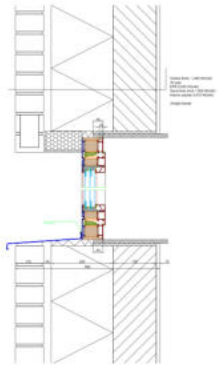
Weitere Informationen zur Zertifizierung
sind unter www.passiv.de und www.passipedia.de verfügbar.

| Rahmen-Kennwerte | | Rahmenbreite $b_f$ mm | Rahmen-$U$-Wert $U_f$ W/(m² K) | Glasrand-$\Psi$-Wert $\Psi_g$ W/(m K) | Temperaturfaktor $f_{Rsi=0,25}$ [-] |
|---|---|---|---|---|---|
| Stulp | (FM1) | 170 | 0,73 | 0,027 | 0,78 |
| Unten | (OB1) | 140 | 0,75 | 0,026 | 0,78 |
| Oben | (OH1) | 140 | 0,75 | 0,026 | 0,78 |
| Seitlich | (OJ1) | 140 | 0,75 | 0,026 | 0,78 |
| Abstandhalter: SWISSPACER Ultimate | | | Sekundärdichtung: Polysulfid | | |

## Geprüfte Einbausituationen

| Wärmedämmverbundsystem (WDVS) (öffenbar) | |
|---|---|
| $U_{Wand}$ = 0,13 W/(m² K) | |
|  | |
| $\Psi_{einbau}$ | W/(m K) |
| Oben | 0,014 |
| Seitlich | 0,014 |
| Unten | 0,018 |
| $U_{W,eingebaut}$ = 0,82 W/(m² K) | |

| Betonschalungsstein (öffenbar) | |
|---|---|
| $U_{Wand}$ = 0,15 W/(m² K) | |
|  | |
| $\Psi_{einbau}$ | W/(m K) |
| Oben | 0,014 |
| Seitlich | 0,014 |
| Unten | 0,019 |
| $U_{W,eingebaut}$ = 0,83 W/(m² K) | |

| Zweischaliges Mauerwerk | |
|---|---|
| $U_{Wand}$ = 0,13 W/(m² K) | |
|  | |
| $\Psi_{einbau}$ | W/(m K) |
| Oben | 0,013 |
| Seitlich | 0,013 |
| Unten | 0,017 |
| $U_{W,eingebaut}$ = 0,82 W/(m² K) | |

Haftungsausschluss: Das Passive House Institute GmbH (PHI) führt Wärmetransfer-Analysen gemäß den in Informationen, Kriterien und Algorithmen für Zertifizierte Passivhaus-Komponenten: Transparente Bauteile und Öffnungselemente in der Gebäudehülle festgelegten Standards durch, basierend auf den vom Hersteller bereitgestellten Informationen. PHI überprüft die Umsetzung auf der Baustelle nicht. Es liegt in der Verantwortung der Projektleitung (z.B. Architekt/in), sicherzustellen, dass die eingebauten Bauteile den zertifizierten Spezifikationen hinsichtlich Geometrie, Konfiguration und Material entsprechen. Hersteller müssen vollständige Produktinformationen auf Anfrage den an einem Bauprojekt beteiligten Parteien zur Verfügung stellen. Diese Parteien können die bereitgestellten Informationen mit den Projektunterlagen vergleichen und Vor-Ort-Kontrollen im Rahmen des Qualitätssicherungsprozesses durchführen.

# ift-Nachweis

## Klassifizierungsbericht

| | |
|---|---|
| Nummer | 25-004485-PR02 (NW-A01-02-de-01) |
| Inhaber | FEAL d.o.o.<br>Trnska cesta 146<br>88220 Siroki Brijeg<br>Bosnien und Herzegowina |
| Produkt | Drehkippfenster |
| Bezeichnung | Lieferbezeichnung: Termo 85 PA |
| Details | Hersteller FEAL d.o.o., - Siroki Brijeg; Material Aluminium-Kunststoff-Verbund; Öffnungsart Drehkipp; Öffnungsrichtung DIN rechts, nach innen; Außenmaß (B x H) 1230 mm x 1480 mm |
| Besonderheiten | Der Prüfablauf wurde auf Kundenwunsch geändert. |

**Ergebnis **)**

Luftdurchlässigkeit nach EN 12207:2016-12

**Klasse: 4**

Widerstandsfähigkeit bei Windlast nach EN 12210:2016-03

**Klasse: C5/B5**

Schlagregendichtheit nach EN 12208:1999-11

**Klasse: E1350**

**) Entscheidungsregel: Für die Bewertung der Konformität wurde die Messunsicherheit nicht berücksichtigt.

ift Rosenheim
30.01.2026

Robert Kolacny, Dipl.-Ing. (FH)
Stv. Prüfstellenleiter
Bauteilprüfung

Florian Kugler, B.Eng.
Prüfingenieur
Bauteilprüfung

Ve-PB1-4172-de / 2025-04

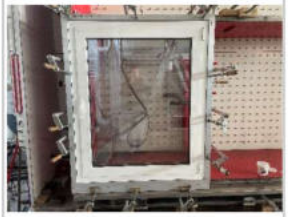
**Grundlagen *)**

EN 14351-1:2006+A2:2016-09

*) und entsprechende nationale Fassungen (z.B. DIN EN)

Prüfbericht: 25-004485-PR02 PB-A01-02-en-01

**Darstellung**



**Verwendungshinweise**

Der Nachweis kann zur Erstellung der Leistungserklärung entsprechend der Bauproduktenverordnung 305/2011/EU verwendet werden. Die Ergebnisse gelten für den in EN 14351-1, Anhang E geregelten direkten Anwendungsbereich.

**Gültigkeit**

Zeitlich nicht limitiert.

Bei der Anwendung sind die Aktualität der Grundlagen sowie die Übereinstimmung des Produkts zu beachten.

**Veröffentlichungshinweise**

Es gilt das "Merkblatt zur Benutzung von ift-Prüfdokumentationen".

**Identitäts-Check**

www.ift-rosenheim.de/ift-geprueft
ID: FCD-075EF

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Theodor-Gietl-Str. 7-9
83026 Rosenheim
GERMANY

+49 8031 261-0
info@ift-rosenheim.de
www.ift-rosenheim.de

Notified Body 0757
PÜZ-Stelle BAY 18

Akkreditiertes Prüflabor
EN ISO/IEC 17025

# ift-Nachweis

## Klassifizierungsbericht

| | |
|---|---|
| **Nummer** | 18-002710-PR04 (NW-A01-02-de-01) |
| **Inhaber** | FEAL d.o.o.<br>Trnska cesta 146<br>88220 Siroki Brijeg<br>Bosnia-Herzegovina |
| **Produkt** | 2flg. Drehkippfenster mit öffenbarem Mittelstück |
| **Bezeichnung** | System: Termo 85 PA<br>Lieferbezeichnung: Double vent window |
| **Details** | Hersteller FEAL d.o.o., - Siroki Brijeg; Material Aluminium-Kunststoff-Verbund; Öffnungsart Dreh-/ Drehkipp; Öffnungsrichtung Gangflügel DIN rechts nach innen, Standflügel DIN links nach innen; Außenmaß (B x H) 1600 mm x 1480 mm |
| **Besonderheiten** | Prüfablauf. Die Festigkeit, Dauerhaftigkeit und Materialverträglichkeit des Klebesystems war nicht Gegenstand dieser Prüfung und ist gegebenenfalls gesondert nachzuweisen. |

**Ergebnis**

Luftdurchlässigkeit nach EN 12207:2016-12

**Klasse: 4**

Widerstandsfähigkeit bei Windlast nach EN 12210:2016-03

**Klasse: C4/B4**

Schlagregendichtheit nach EN 12208:1999-11

**Klasse: 9A**

**ift** Rosenheim
16.10.2018

Thomas Stefan, Dipl.-Ing. (FH)
Prüfstellenleiter
Bauteilprüfung

Dimitrios Moustakidis, MSc, Dipl.-Ing.
Prüfingenieur
Bauteilprüfung

Ve-PB1-4172-de/ (01.06.2018

**Grundlagen *)**
EN 14351-1:2006+A2:2016-09
*) und entsprechende nationale Fassungen (z.B. DIN EN)

Prüfbericht: 18-002710-PR04 PB-A01-02-en-01

**Darstellung**



**Verwendungshinweise**

Der Nachweis kann zur Erstellung der Leistungserklärung entsprechend der Bauproduktenverordnung 305/2011/EU verwendet werden. Die Ergebnisse gelten für den in EN 14351-1, Anhang E geregelten direkten Anwendungsbereich.

**Gültigkeit**

Zeitlich nicht limitiert.

Bei der Anwendung sind die Aktualität der Grundlagen sowie die Übereinstimmung des Produkts zu beachten.

**Veröffentlichungshinweise**

Es gilt das "Merkblatt zur Benutzung von ift-Prüfdokumentationen".

Identitäts-Check

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

ift Rosenheim GmbH
Theodor-Gietl-Str. 7-9
D-83026 Rosenheim

Kontakt
Tel.: +49 8031 261-0
Fax: +49 8031 261-290
www.ift-rosenheim.de

Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
Zertifizierung Produkte – EN ISO/IEC 17065
Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757
PCC-Stelle: BAY 18

# ift-Nachweis

## Klassifizierungsbericht

| | |
|---|---|
| **Nummer** | 18-002710-PR05 (NW-A01-02-de-01) |
| **Inhaber** | FEAL d.o.o.<br>Trnska cesta 146<br>88220 Siroki Brijeg<br>Bosnia-Herzegovina |
| **Produkt** | Drehkippfenstertür |
| **Bezeichnung** | System: Termo 85 PA<br>Lieferbezeichnung: Balcony door |
| **Details** | Hersteller FEAL d.o.o., - Siroki Brijeg; Material Aluminium-Kunststoff-Verbund; Öffnungsart Drehkipp; Öffnungsrichtung DIN links, nach innen; Außenmaß (B x H) 1100 mm x 2200 mm |
| **Besonderheiten** | Prüfablauf. Stellung der Verriegelungen. Die Festigkeit, Dauerhaftigkeit und Materialverträglichkeit des Klebesystems war nicht Gegenstand dieser Prüfung und ist gegebenenfalls gesondert nachzuweisen. |

**Ergebnis**

Luftdurchlässigkeit nach EN 12207:2016-12

**Klasse: 4**

Widerstandsfähigkeit bei Windlast nach EN 12210:2016-03

**Klasse: C4/B4**

Schlagregendichtheit nach EN 12208:1999-11

**Klasse: 4A**

**ift** Rosenheim
16.10.2018

Thomas Stefan, Dipl.-Ing. (FH)
Prüfstellenleiter
Bauteilprüfung

Dimitrios Moustakidis
Prüfingenieur
Bauteilprüfung

Vs-PB1-4172-de/ (01.06.2018

**Grundlagen *)**

EN 14351-1:2006+A2:2016-09

*) und entsprechende nationale Fassungen (z.B. DIN EN)

Prüfbericht: 18-002710-PR05 PB-A01-02-en-01

**Darstellung**



**Verwendungshinweise**

Der Nachweis kann zur Erstellung der Leistungserklärung entsprechend der Bauproduktenverordnung 305/2011/EU verwendet werden. Die Ergebnisse gelten für den in EN 14351-1, Anhang E geregelten direkten Anwendungsbereich.

**Gültigkeit**

Zeitlich nicht limitiert.

Bei der Anwendung sind die Aktualität der Grundlagen sowie die Übereinstimmung des Produkts zu beachten.

**Veröffentlichungshinweise**

Es gilt das "Merkblatt zur Benutzung von ift-Prüfdokumentationen".

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D-83026 Rosenheim

Kontakt
Tel.: +49 8031 261-0
Fax: +49 8031 261-290
www.ift-rosenheim.de

Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
Zertifizierung Produkte – EN ISO/IEC 17065
Zertifizierung Managementsysteme – EN ISO/IEC 17021

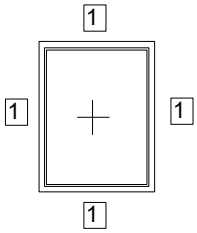
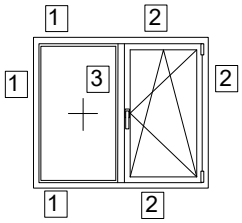
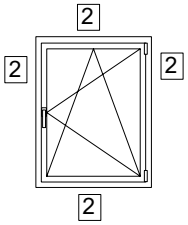
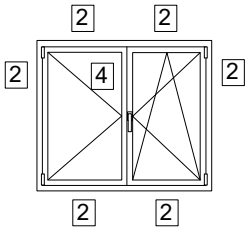
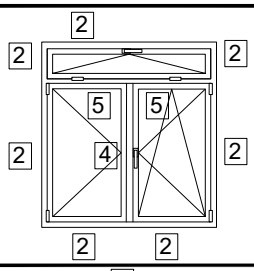
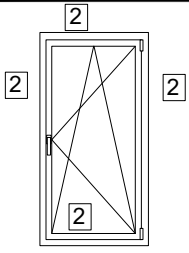
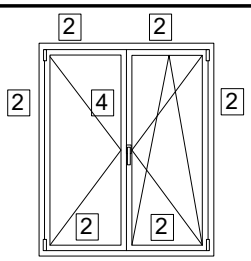
Notified Body 0757
PEB-Stelle: BAY 18

DAkkS Deutsche Akkreditierungsstelle D-PL-11349-E-00

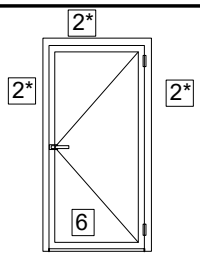
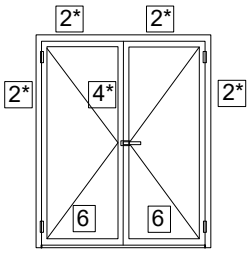
| ISPITIVANJA I CERTIFIKATI PRÜFUNGEN UND ZERTIFIKATE | | | | | |
|---|---|---|---|---|---|
| Vrsta ispitivanja<br>Art der Prüfung | Jednokrilni prozor<br>einflügeliges Fenster | Dvokrilni prozor<br>zweiflügeliges Fenster | Otklopni prozor-ventus<br>Kippfenster | Jednokrilna b.vrata<br>einflügelige Balkontür | Fiksna stijena<br>feste Trennwand |
| Zrakopropusnost<br>Luftdurchlässigkeit<br>EN 12207 | **4** | **4** | **4** | **4** | **4 *** |
| Vodonepropusnost<br>Schlagregendichtheit<br>EN 12208 | **E1350** | **9A** | **E1050** | **4A** | **E1200 *** |
| Otpornost na opterećenje vjetrom Widerstandsfähigkeit gegen Windlast<br>EN 12210 | **C5/B5** | **C4/B4** | **C5/B5** | **C4/B4** | |
| Buka Rw<br>Schalldämmung<br>EN ISO 717-1 | **41 dB** | | | | |
| Protuprovalnost<br>Einbruchhemmung<br>EN 1627 | | | | | |
| Otpornost na istezanje, torziju... Widerstand gegen Dehnung, Torsion... | | | | | |
| Pendl test<br>Belastung mit einem weichen, schweren Stoßkörper<br>EN 13049 | | | | | |
| Protupožarnost<br>Feuerwiderstandsprüfungen<br>DIN EN 1363-1 | | | | | |

***** Feal interno ispitivanje
* Feal interne Prüfung

Toplinska provodljivost prozora, u skladu s EN ISO 10077-1, **Uw ≤ 0.8 [W/m$^2$K]**
Wärmeleitfähigkeit von Fenstern nach EN ISO 10077-1, **Uw ≤ 0.8 [W/m$^2$K]**

| | | Uf1 W/m2K | Uf2 W/m2K | Uf3 W/m2K | Uf4 W/m2K | Uf5 W/m2K | Uf6 W/m2K | Uf7 W/m2K | Ug W/m2K | Uw W/m2K |
|---|---|---|---|---|---|---|---|---|---|---|
|  | Termo 85 PA -fiksno- -fest- (1230x1480) | 0,66 | | | | | | | 0,7 (Ψ =0.026) | 0,76 |
| | | | | | | | | | 0,5 (Ψ =0.026) | 0,61 |
|  | Termo 85 PA -otkl.-zao.s fiks. dijelom- -Drehkipp- -fenster mit Festverglasung- (1600x1480) | 0,66 | 0,75 | 0,73 | | | | | 0,7 (Ψ =0.027) | 0,79 |
| | | | | | | | | | 0,5 (Ψ =0.027) | 0,66 |
|  | Termo 85 PA -otklopno -zaokretno- - Drehkippfenster- (1230x1480) | | 0,75 | | | | | | 0,7 (Ψ =0.026) | 0,78 |
| | | | | | | | | | 0,52 (Ψ =0.026) | 0,67 |
|  | Termo 85 PA -dvokrilno otklopno -zaokretno- -Stulpfenster- (1600x1480) | | 0,75 | | 0,86 | | | | 0,7 (Ψ =0.027) | 0,81 |
| | | | | | | | | | 0,5 (Ψ =0.027) | 0,69 |
|  | Termo 85 PA -dvokrilno- otkl. -zaok. s nadsvjetlom- -zweifl. D-K- Fenster mit Oberlicht Kippf. (1600x1980) | | 0,75 | | 0,86 | 0,78 | | | 0,7 (Ψ =0.027) | 0,82 |
| | | | | | | | | | 0,5 (Ψ =0.027) | 0,71 |
|  | Termo 85 PA -balkonska vrata- -Balkontür- (1100x2200) | | 0,75 | | | | | | 0,7 (Ψ =0.026) | 0,78 |
| | | | | | | | | | 0,5 (Ψ =0.026) | 0,65 |
|  | Termo 85 PA -dvokrilna balkonska vrata- -zweiflügelige Balkontür - (1600x2200) | | 0,75 | | 0,86 | | | | 0,7 (Ψ =0.027) | 0,81 |
| | | | | | | | | | 0,5 (Ψ =0.027) | 0,68 |

Presjeci sa profilom krila FT-1210
Querschnitte mit dem Flügelprofil FT-1210

| | | Uf1 W/m2K | Uf2 W/m2K | Uf3 W/m2K | Uf4 W/m2K | Uf5 W/m2K | Uf6 W/m2K | Uf7 W/m2K | Ug W/m2K | Uw W/m2K |
|---|---|---|---|---|---|---|---|---|---|---|
|  | Termo 85 PA -ulazna vrata otva.unutra- -Eingangstür einwärts öffnend- (1100x2200) | 0,71 | | | | | 1,4 | | 0,7 (Ψ =0.027) | 0,79 |
| | | | | | | | | | 0,5 (Ψ =0.027) | 0,66 |
|  | Termo 85 PA -dvokrilna ulazna vrata otva.unutra- -zweiflügelige Eingangstür einwärts öffnend- (1600x2200) | 0,71 | | | 0,78 | | 1,4 | | 0,7 (Ψ =0.027) | 0,82 |
| | | | | | | | | | 0,5 (Ψ =0.027) | 0,70 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| | | | | | | | | | | |

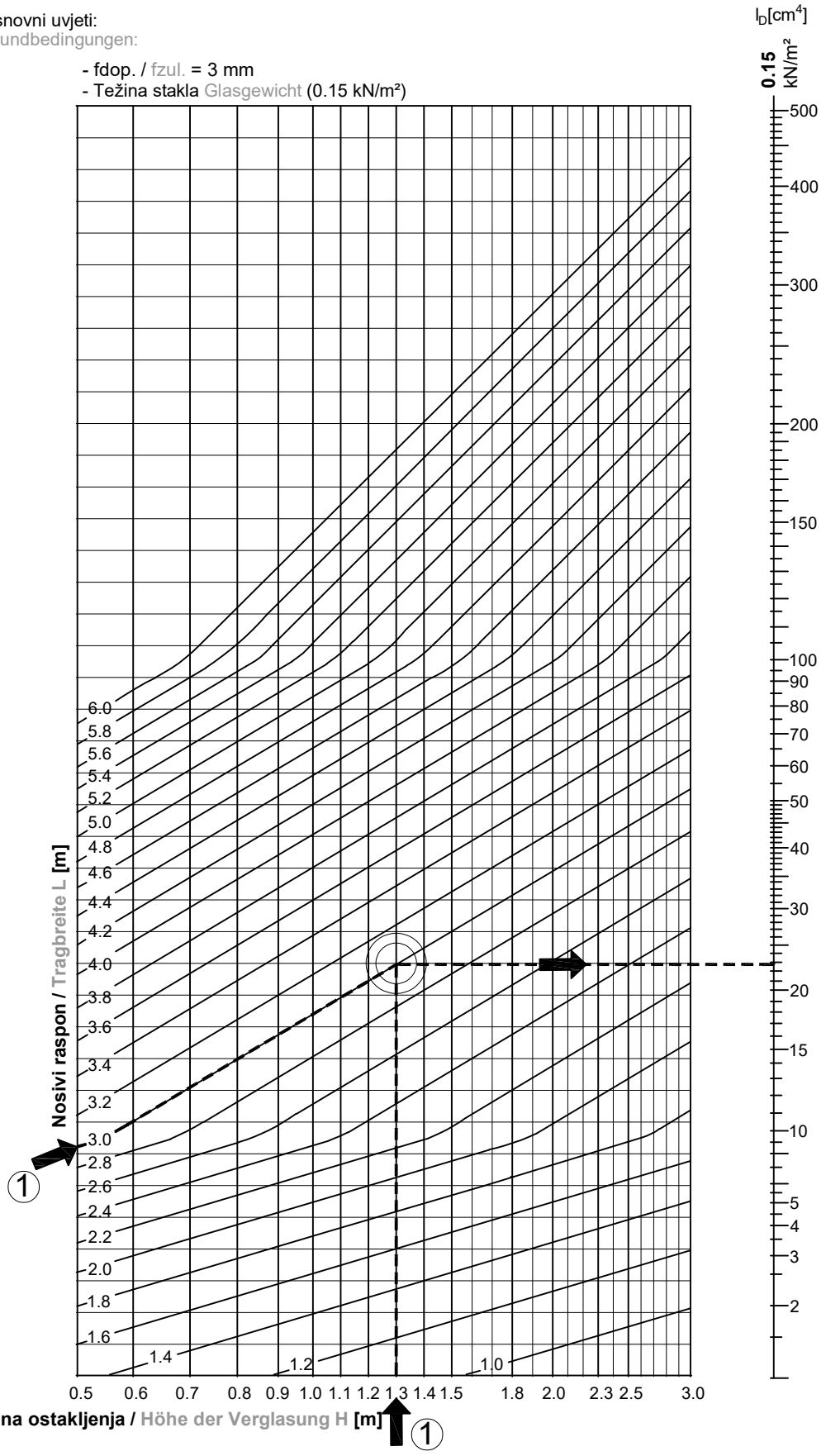
* Presjeci sa profilom krila FT-1211
* Querschnitte mit dem Flügelprofil FT-1211

*Proračun koeficijenta prolaza topline*
*Berechnung des Wärmedurchgangskoeffizienten*
*http://termika.feal.ba/*

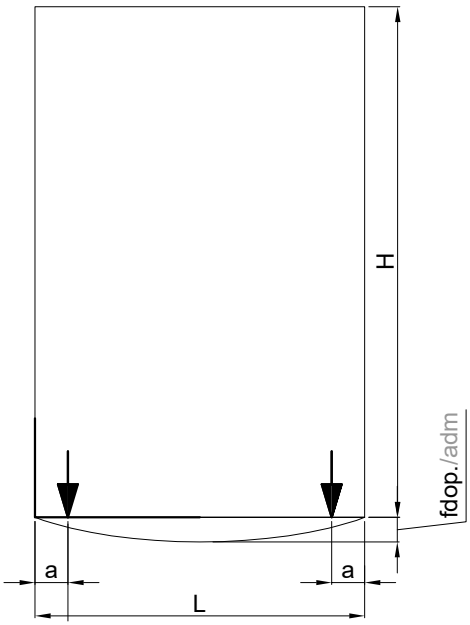
## Statički dijagram težina stakla Statisches Diagramm des Glasgewichts

Osnovni uvjeti:
Grundbedingungen:

- fdop. / fzul. = 3 mm
- Težina stakla Glasgewicht (0.15 kN/m²)



## Statički dijagram težina stakla Statisches Diagramm des Glasgewichts




**1. Ulazni podaci / Eingangsdaten:**

Širina raspona / Reichweitenbreite:
L= 3.00 m

Visina ostakljenja / Höhe der Verglasung:
H = 1.30 m

Debljina ostakljenja / Dicke der Verglasung:
D = 20 mm*

* uzima se u obzir samo debljina staklenih ploha
* wird nur die Dicke der Glasflächen berücksichtigt

**2. Određivanje potrebnog momenta Iy pod jediničnim opt. 0.15 kN/m²**
**Bestimmung des erforderlichen Moments Iy unter der Einheitslast 0.15 kN/m²**

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

**3. Određivanje potrebnog momenta Ix pod opterećenjem na objektu**
**Bestimmung des erforderlichen Moments Ix unter der Belastung am Objekt**

Debljina stakla Verglasungsdicke D=20 mm ==>> K=3.33

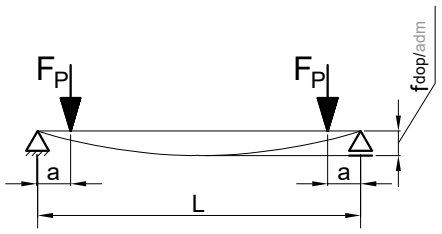
Potrebni / Benötiges $Iy=K_{20} \cdot Iy_{0.15}$ = (3.33) · 23 cm⁴ =77 cm⁴

**4. Odabrati profil iz tablice**
**Profil aus der Tabelle wählen**

! Vlastita težina profila nije uzeta u opterećenje !
Das Eigengewicht des Profils wurde nicht in die Belastung berücksichtigt!

## Statičke jednadžbe Statische Gleichungen

Nosač na dva oslonca / Träger auf zwei Stützen




a = 150 mm fiksno / fest

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

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

| | |
|---|---|
| $I_y$ | ($cm^4$) = Moment inercije / Trägheitsmoment |
| $F_P$ | (kN) = Pojedinačno opterećenje / Einzellast |
| a | (cm) = Udaljenost oslonca / Entfernung der Stütze |
| H | (cm) = Visina stakla / Glashöhe |
| L | (cm) = Širina raspona / Reichweitenbreite |
| $q_S$ | (kN/cm²) = Težina stakla / Glasgewicht |
| fdop. / fzul. | (cm) = dop.progib / zul. Durchbiegung |

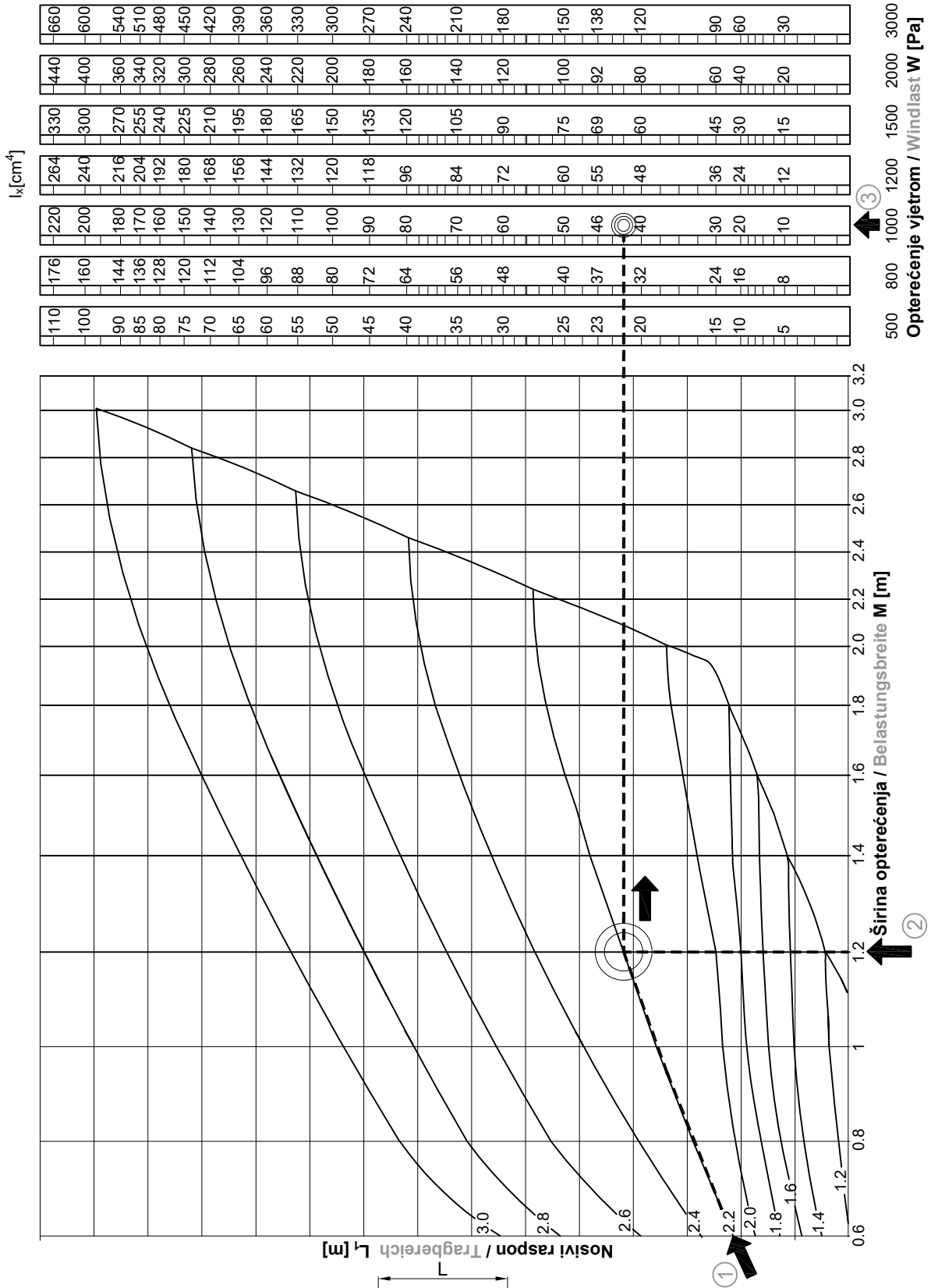
Tablica 1. Težina stakla
Table 1. Glasgewicht

| Koeficijent K<br>Koeffizient 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<br>Verglasungsd. (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

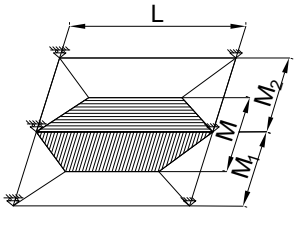
## Statički dijagram -opterećenje vjetrom Statisches Diagramm - Windlast

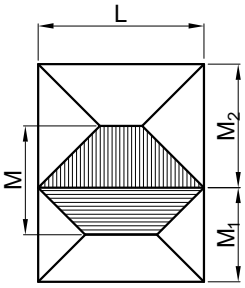
Trokutasto i trapeziodno opterećenje Dreiecks- und Trapezlast




| Pa(N/m$^2$) | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1400 | 1500 | 1600 | 1800 | 2000 | 2200 | 2400 | 3000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa(kN/m$^2$) | 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
Grundbedingungen:
fdop. / zul. =L / 200
Trapezoidno opterećenje
Trapezlast
$M = (M_1+M_2)/2$




**Primjer 1 / Beispiel 1:**

① Nosivi raspon / Tragbreite: L= 2.20 m

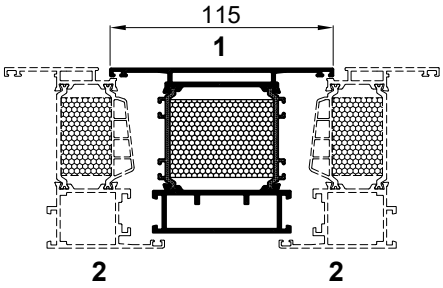
② Širina opterećenja / Belastungsbreite: $M_1$= 1,0 m, $M_2$=1,4 m, $M=(M_1+M_2)/2=1,2$ m

③ Tlak vjetra* Winddruck* = 1000 Pa

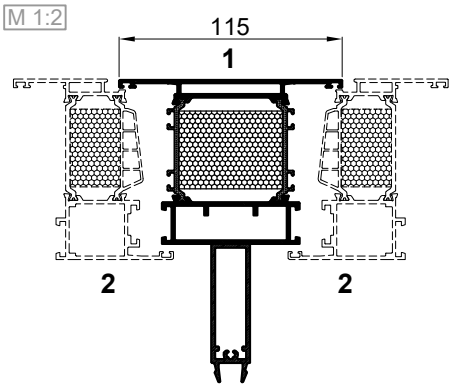
**Rezultat/ Resultat**
Potrebni Ix benötiges Ix = 42 cm$^4$

**Odabrati odgovarajući profil iz tablice profila**
**Profil aus der Tabelle wählen**

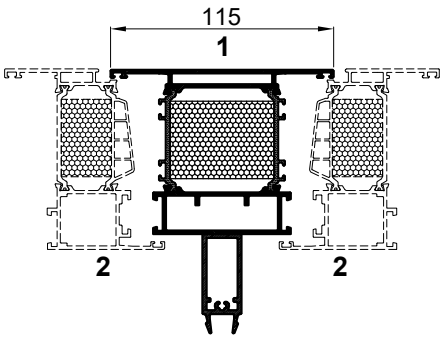
## Vrijednosti momenta inercije
Werten des Trägheitsmoments

| Tip otvaranja / Öffnungsarten | Izgled / Aussehen | Profili /Profile 1+2 | $I_x$(cm$^4$) | Profili /Profile 2+1+2 | $I_x$(cm$^4$) |
|---|---|---|---|---|---|
| 1<br>1+2 *<br>2+1+2 * | M 1:2<br>  | FT-1220 + FT-1210 | **117.76** | FT-1210+FT-1220+FT-1210 | **171.92** |
| | | FT-1220 + FT-1211 | **131.42** | FT-1211+FT-1220+FT-1211 | **199.24** |

| Profil /Profile 1 | $I_x$ (cm$^4$) |
|---|---|
| FT-1220 | **63.60** |

| Tip otvaranja / Öffnungsarten | Izgled / Aussehen | Profili /Profile 1+2 | $I_x$(cm$^4$) | Profili /Profile 2+1+2 | $I_x$(cm$^4$) |
|---|---|---|---|---|---|
| 1<br>1+2 *<br>2+1+2 * | M 1:2<br>  | FT-1220 i NP-4183 + FT-1210 | **261.42** | FT-1210 + FT-1220 i NP-4183 +FT-1210 | **315.58** |
| | | FT-1220 i NP-4183 + FT-1211 | **275.08** | FT-1211+ FT-1220 i NP-4183 + FT-1211 | **342.90** |

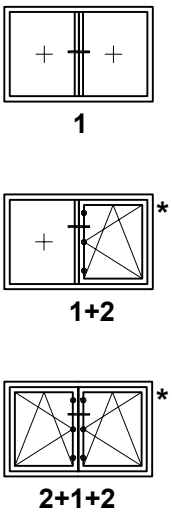
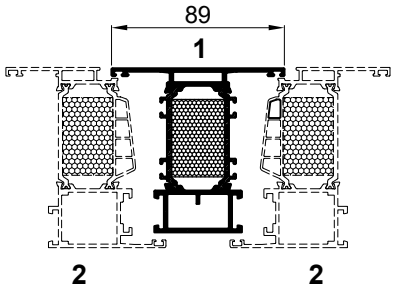
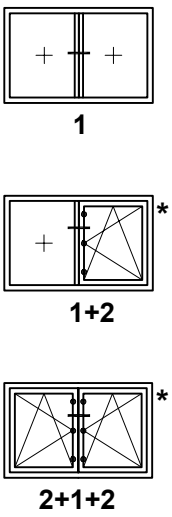
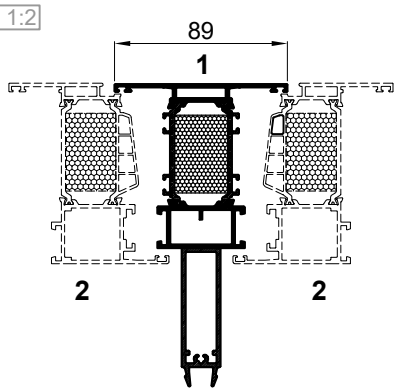
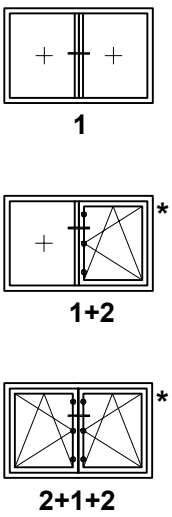
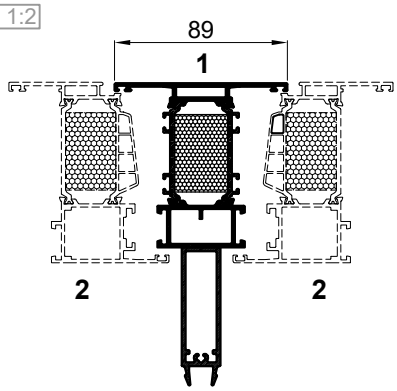
| Profil /Profile 1 | $I_x$ (cm$^4$) |
|---|---|
| FT-1220 i NP-4183 | **207.26** |

| Tip otvaranja / Öffnungsarten | Izgled / Aussehen | Profili /Profile 1+2 | $I_x$(cm$^4$) | Profili /Profile 2+1+2 | $I_x$(cm$^4$) |
|---|---|---|---|---|---|
| 1<br>1+2 *<br>2+1+2 * | M 1:2<br>  | FT-1220 i F-1634 + FT-1210 | **203.41** | FT-1210 + FT-1220 i F-1634 + FT-1210 | **257.57** |
| | | FT-1220 i F-1634 + FT-1211 | **217.07** | FT-1211 + FT-1220 i F-1634 + FT-1211 | **284.89** |

| Profil /Profile 1 | $I_x$ (cm$^4$) |
|---|---|
| FT-1220 i F-1634 | **149.25** |

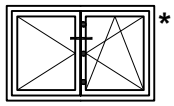
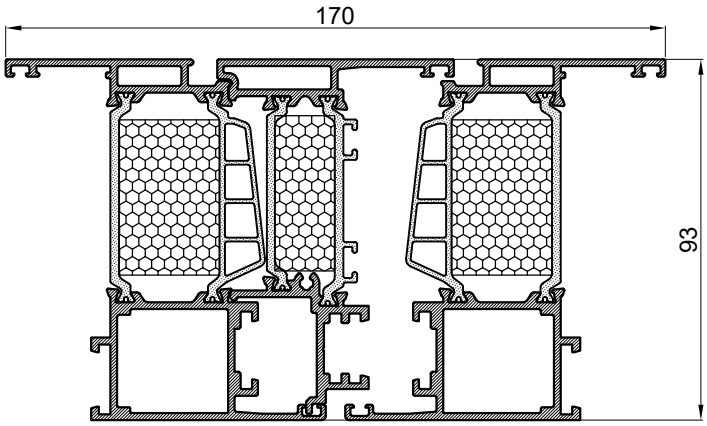
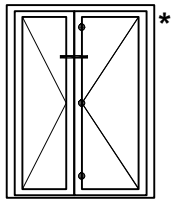
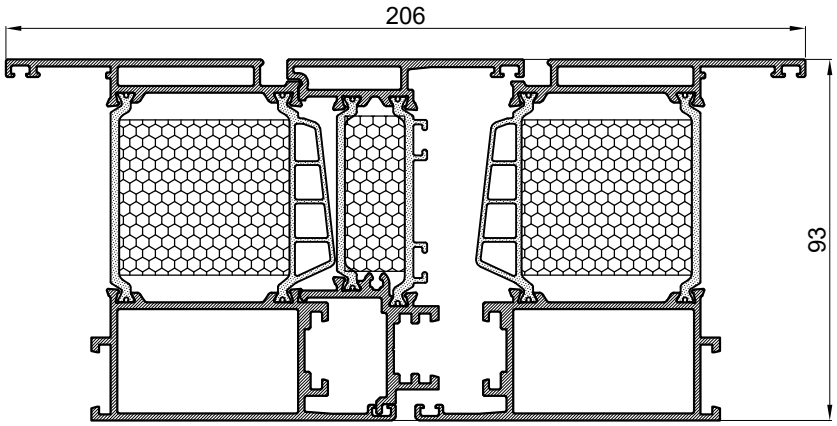
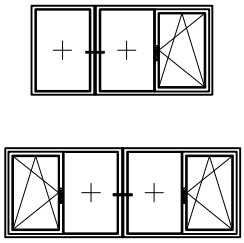
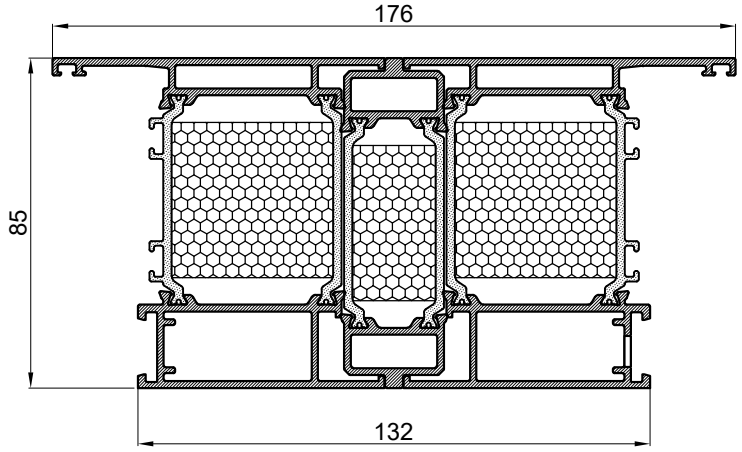
* Preduvjet: minimalno tri točke ključanja, s maksimalnim međusobnim razmakom 800 mm
* Voraussetzung: Mind. 3 Verriegelungspunkte, Abstand max. 800 mm

## Vrijednosti momenta inercije
Werten des Trägheitsmoments

| Tip otvaranja<br>Öffnungsarten | Izgled<br>Aussehen | Profili /Profile<br>**1+2** | $I_x$($cm^4$) | Profili /Profile<br>**2+1+2** | $I_x$($cm^4$) |
|---|---|---|---|---|---|
|  | M 1:2<br>  <br>Profil /Profile **1** / $I_x$ ($cm^4$): FT-1221 — **46.34** | FT-1221 + FT-1210 | **100.50** | FT-1210+FT-1221+FT-1210 | **154.66** |
| | | FT-1221 + FT-1211 | **114.16** | FT-1211+FT-1221+FT-1211 | **181.98** |
|  | M 1:2<br>  <br>Profil /Profile **1** / $I_x$ ($cm^4$): FT-1221 i NP-4183 — **177.99** | FT-1221 i NP-4183 + FT-1210 | **232.15** | FT-1210 + FT-1221 i NP-4183 +FT-1210 | **286.31** |
| | | FT-1221 i NP-4183 + FT-1211 | **245.81** | FT-1211+ FT-1221 i NP-4183 + FT-1211 | **313.63** |
|  | M 1:2<br>  <br>Profil /Profile **1** / $I_x$ ($cm^4$): FT-1221 i F-1634 — **126.06** | FT-1221 i F-1634 + FT-1210 | **180.22** | FT-1210 + FT-1221 i F-1634 + FT-1210 | **234.38** |
| | | FT-1221 i F-1634 + FT-1211 | **193.88** | FT-1211+ FT-1221 i F-1634 + FT-1211 | **261.70** |

* Preduvjet: minimalno tri točke ključanja, s maksimalnim međusobnim razmakom 800 mm
* Voraussetzung: Mind. 3 Verriegelungspunkte, Abstand max. 800 mm

Vrijednosti momenta inercije
Werten des Trägheitsmoments

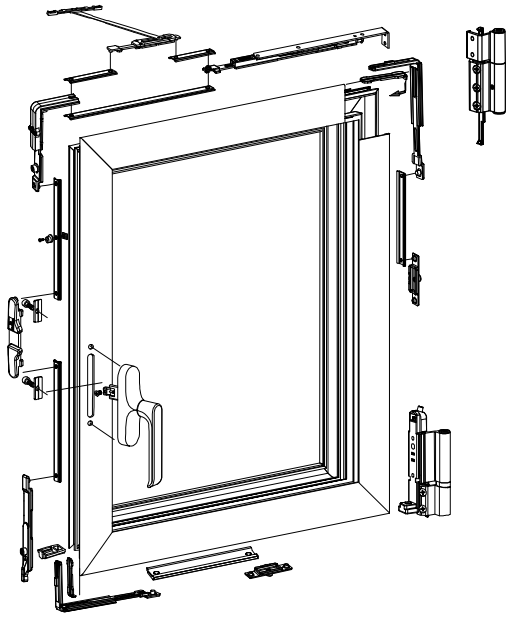
| Tip otvaranja<br>Öffnungsarten | Izgled<br>Aussehen | Profili<br>Profile | Ix ($cm^4$) |
|---|---|---|---|
|  * |  | **(FT-1210 i FT-1230) + FT-1210** | 147.79 |
|  * |  | **(FT-1211 i FT-1230) + FT-1211** | 174.12 |
|  |  | **FT-1200 + FT-1235 + FT-1200** | 134.24 |

* Preduvjet: minimalno tri točke ključanja, s maksimalnim međusobnim razmakom 800 mm
* Voraussetzung: Mind. 3 Verriegelungspunkte, Abstand max. 800 mm

# 134.026.xx - OTKLOPNO-ZAOKRETNI MEHANIZAM - STUBLINA (4135.00)
134.026.xx - DREH-KIPP BESCHLAG - STUBLINA (4135.00)

Maksimalna težina krila 100 kg
Maximales Flügelgewicht 100 kg
Tabela nosivosti za:
Tragfähigkeitstabelle für:

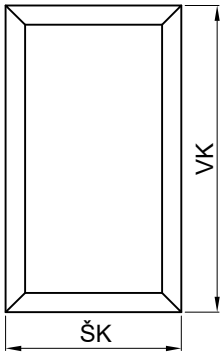
4135.00
4136.00
4137.00



Debljina stakla (mm)
Verglasungsdicke (mm)

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

x **Neizvedivo** / **undurchführbar**

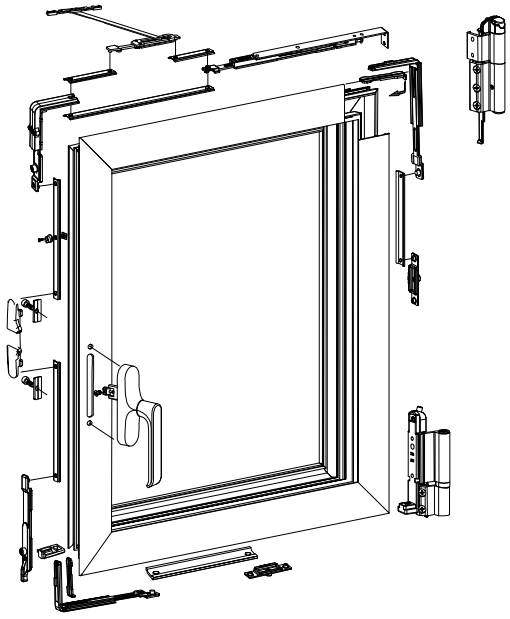



Debljina stakla
Verglasungsdicke

| mm | kg/m² |
|---|---|
| 6 | 15 |
| 8 | 20 |
| 10 | 25 |
| 12 | 30 |
| 14 | 35 |
| 16 | 40 |
| 18 | 45 |
| 20 | 50 |
| 22 | 55 |
| 24 | 60 |
| 26 | 65 |
| 28 | 70 |
| 30 | 80 |
| 32 | 85 |
| 34 | 90 |
| 36 | 95 |
| 38 | 100 |
| 40 | 105 |
| 42 | 110 |
| 44 | 115 |
| 46 | 120 |
| 48 | 125 |

Maksimalna težina krila 130 kg
Maximales Flügelgewicht 130 kg
Tabela nosivosti za:
Tragfähigkeitstabelle für:

4135.00U
4136.00U
4137.00U

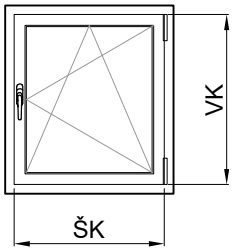


Debljina stakla (mm)
Verglasungsdicke (mm)

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

x **Neizvedivo** / **undurchführbar**

# OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE FUTURA 3D (130 micro)
DREH-KIPP BESCHLAG - GIESSE FUTURA 3D (130 micro)




Maksimalna težina krila **140** kg
Maximales Flügelgewicht **140** kg

Maksimalna debljina stakla (mm)
Maximale Verglasungsdicke (mm)

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

600 — 350

**x** **Neizvedivo** / undurchführbar

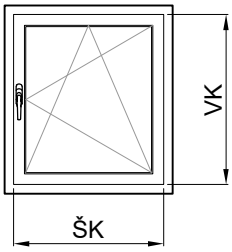
Maksimalna težina krila (kg)
Maximales Flügelgewicht (kg)

| VK(mm) / ŠK(mm) | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3000 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | x |
| 2900 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 |
| 2800 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 |
| 2700 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 |
| 2600 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 |
| 2500 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 130 |
| 2400 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 130 |
| 2300 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 130 |
| 2200 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 130 |
| 2100 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 130 |
| 2000 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 139 | 125 |
| 1900 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 132 | 118 |
| 1800 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 133 | 125 | 112 |
| 1700 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 134 | 126 | 118 | 118 |
| 1600 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 135 | 126 | 118 | 111 | 105 |
| 1500 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 137 | 127 | 118 | 111 | 104 | 99 |
| 1400 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 138 | 127 | 118 | 110 | 104 | 97 | x |
| 1300 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 128 | 118 | 110 | 103 | 96 | x | x |
| 1200 | 140 | 140 | 140 | 140 | 140 | 140 | 129 | 118 | 109 | 101 | 95 | x | x | x |
| 1100 | 140 | 140 | 140 | 140 | 140 | 130 | 118 | 108 | 100 | 93 | x | x | x | x |
| 1000 | 140 | 140 | 140 | 140 | 131 | 118 | 108 | 99 | 91 | x | x | x | x | x |
| 900 | 140 | 140 | 140 | 133 | 118 | 106 | 97 | 89 | x | x | x | x | x | x |
| 800 | 140 | 140 | 135 | 118 | 105 | 95 | 86 | x | x | x | x | x | x | x |
| 700 | 140 | 138 | 118 | 104 | 92 | 83 | x | x | x | x | x | x | x | x |

600 — 350

**x** **Neizvedivo** / undurchführbar

# SKRIVENI OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE CHIC 3D STANDARD
## VERDECKTER DREH-KIPP BESCHLAG - GIESSE CHIC 3D STANDARD




Maksimalna debljina stakla (mm)
Maximale Verglasungsdicke (mm)

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

600

445

Maksimalna težina krila (kg)
Maximales Flügelgewicht (kg)

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

600

445

Maksimalna težina krila **100** kg
Maximales Flügelgewicht **100** kg

x **Neizvedivo** / undurchführbar

x **Neizvedivo** / undurchführbar

Maksimalna debljina stakla (mm)
Maximale Verglasungsdicke (mm)

| VK(mm) / ŠK(mm) | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2800 | 40 | 33 | 29 | 25 | 22 | 20 | 18 | 17 | 15 | 14 | x | x |
| 2700 | 42 | 35 | 30 | 26 | 23 | 21 | 19 | 18 | 16 | 15 | x | x |
| 2600 | 45 | 37 | 32 | 28 | 25 | 22 | 20 | 19 | 17 | 16 | 15 | x |
| 2500 | 49 | 41 | 35 | 31 | 27 | 25 | 22 | 20 | 19 | 18 | 16 | 15 |
| 2400 | 49 | 41 | 35 | 31 | 27 | 25 | 22 | 20 | 19 | 18 | 16 | 15 |
| 2300 | 51 | 43 | 37 | 32 | 28 | 26 | 23 | 21 | 20 | 18 | 17 | 16 |
| 2200 | 54 | 45 | 38 | 33 | 30 | 27 | 24 | 22 | 21 | 19 | 18 | 17 |
| 2100 | 56 | 47 | 40 | 35 | 31 | 28 | 25 | 23 | 22 | 20 | 19 | 18 |
| 2000 | 59 | 49 | 42 | 37 | 33 | 29 | 27 | 25 | 23 | 21 | 20 | 18 |
| 1900 | 60 | 52 | 44 | 39 | 34 | 31 | 28 | 26 | 24 | 22 | 21 | 19 |
| 1800 | 60 | 55 | 47 | 41 | 36 | 33 | 30 | 27 | 25 | 23 | 22 | 20 |
| 1700 | 60 | 58 | 49 | 43 | 38 | 35 | 31 | 29 | 27 | 25 | 23 | 20 |
| 1600 | 60 | 60 | 53 | 46 | 41 | 37 | 33 | 31 | 28 | 26 | 23 | 20 |
| 1500 | 60 | 60 | 56 | 49 | 44 | 39 | 36 | 33 | 30 | 26 | 23 | 20 |
| 1400 | 60 | 60 | 60 | 53 | 47 | 42 | 38 | 35 | 30 | 26 | 23 | 20 |
| 1300 | 60 | 60 | 60 | 57 | 50 | 45 | 41 | 35 | 30 | 26 | 23 | 20 |
| 1200 | 60 | 60 | 60 | 60 | 55 | 49 | 42 | 35 | 30 | 26 | 23 | x |
| 1100 | 60 | 60 | 60 | 60 | 59 | 51 | 42 | 35 | 30 | 26 | x | x |
| 1000 | 60 | 60 | 60 | 60 | 60 | 51 | 42 | 35 | 30 | x | x | x |
| 900 | 60 | 60 | 60 | 60 | 60 | 51 | 42 | 35 | x | x | x | x |
| 800 | 60 | 60 | 60 | 60 | 60 | 51 | 42 | x | x | x | x | x |
| 700 | 60 | 60 | 60 | 60 | 60 | 51 | x | x | x | x | x | x |

600

470

Maksimalna težina krila (kg)
Maximales Flügelgewicht (kg)

| VK(mm) / ŠK(mm) | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2800 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | x | x |
| 2700 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | x | x |
| 2600 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | x |
| 2500 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 2400 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 2300 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 2200 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 2100 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 2000 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 1900 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 1800 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 146 |
| 1700 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 147 | 138 |
| 1600 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 148 | 138 | 130 |
| 1500 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 139 | 130 | 122 |
| 1400 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 140 | 130 | 121 | 113 |
| 1300 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 140 | 130 | 120 | 112 | 105 |
| 1200 | 150 | 150 | 150 | 150 | 150 | 150 | 141 | 130 | 120 | 111 | 104 | x |
| 1100 | 150 | 150 | 150 | 150 | 150 | 143 | 130 | 119 | 110 | 102 | x | x |
| 1000 | 150 | 150 | 150 | 150 | 144 | 130 | 118 | 108 | 100 | x | x | x |
| 900 | 150 | 150 | 150 | 146 | 130 | 117 | 106 | 97 | x | x | x | x |
| 800 | 150 | 150 | 148 | 130 | 115 | 104 | 94 | x | x | x | x | x |
| 700 | 150 | 150 | 130 | 113 | 101 | 91 | x | x | x | x | x | x |

600

470

Maksimalna težina krila **150** kg
Maximales Flügelgewicht **150** kg

x **Neizvedivo** / undurchführbar

x **Neizvedivo** / undurchführbar

- TABLICE NOSIVOSTI ŠARKI
- TRAGFÄHIGKEITSTABELLE FÜR BÄNDER

Tablica nosivosti šarke 114.001.xx (Stublina)
Tragfähigkeitstabelle für Band 114.001.xx (Stublina)

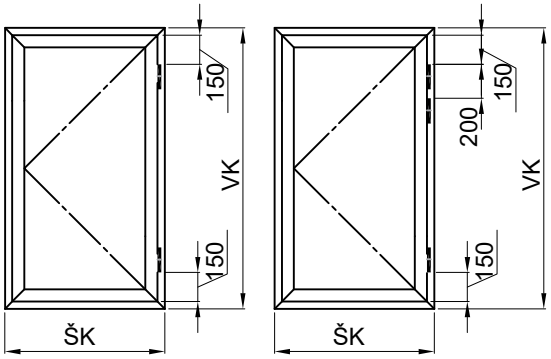
| VK / ŠK | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2800 | 90/100 | 90/100 | 90/100 | 90/100 | 90/100 | 90/100 | 90/100 | 90/100 | 80/90 | 71/80 | 67/76 | 62/70 |
| 2700 | 90/100 | 90/100 | 90/100 | 90/100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

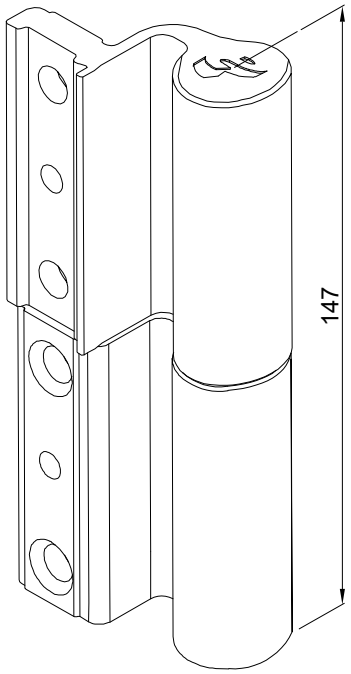
A (kg)

B (kg)

A - javna upotreba sa dvije šarke
A - Gebrauch in öffentlichen Gebäuden mit zwei Bändern
B - privatna upotreba sa dvije šarke
B - Gebrauch in privaten Einrichtungen mit zwei Bändern

Napomena:Ukoliko se ugrade tri šarke po preporuci, nosivost se uvećava za 10%.
Anmerkung:Bei der empfohlenen Montage von drei Bändern erhöht sich die Tragfähigkeit um 10 %.

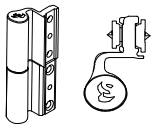
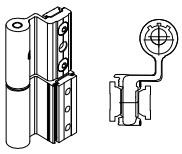
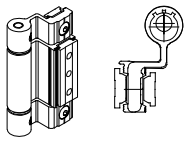
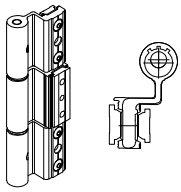



114.001.xx

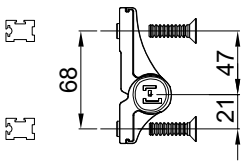
- TABLICE NOSIVOSTI ŠARKI
- TRAGFÄHIGKEITSTABELLE FÜR BÄNDER

## Tablica nosivosti šarki - Stublina
Tragfähigkeitstabelle für Bänder-Stublina

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Nosivost<br>Tragfähigkeit | | | |
|---|---|---|---|---|---|---|
| | | | Privatna upotreba<br>öffentl. Gebrauch | | Javna upotreba<br>privater Gebrauch | |
| | | | 2 šarke<br>2 Bänder | 3 šarke<br>3 Bänder | 2 šarke<br>2 Bänder | 3 šarke<br>3 Bänder |
| 114.001.01<br>02<br>03 |  | - Dvodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2006.00<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band -*EURO GROOVE*<br>- Hersteller Code Stublina: 2006.00<br>- Farbe: 01- Weiß; 02 - Grau;<br>03 - Schwarz | 100 kg | 120 kg | 90 kg | 110 kg |
| 114.004.01<br>02<br>03 |  | - Dvodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2024.00<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band -*EURO GROOVE*<br>- Hersteller Code Stublina: 2024.00<br>- Farbe: 01- Weiß; 02 - Grau;<br>03 - Schwarz | 80 kg | 100 kg | 70 kg | 85 kg |
| 114.005.01<br>02<br>03 |  | - Trodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2129.00<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- dreiteiliges Band -*EURO GROOVE*<br>- Hersteller Code Stublina: 2129.00<br>- Farbe: 01- Weiß; 02 - Grau;<br>03 - Schwarz | 90 kg | 100 kg | 90 kg | 95 kg |
| 114.006.01<br>02<br>03 |  | - Trodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2124.00<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- dreiteiliges Band *EURO GROOVE*<br>- Hersteller Code Stublina: 2124.00<br>- Farbe: 01- Weiß; 02 - Grau;<br>03 - Schwarz | 100 kg | 105 kg | 100 kg | 110 kg |

- TABLICE NOSIVOSTI ŠARKI
- TRAGFÄHIGKEITSTABELLE FÜR BÄNDER

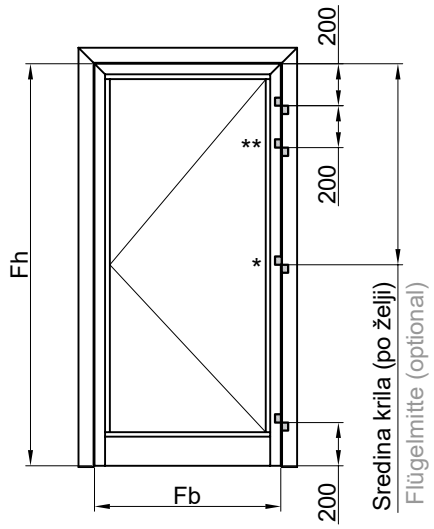
Tablica nosivosti šarke 113.009.xx (ALU-B)
Tragfähigkeitstabelle für Band 113.009.xx (ALU-B)

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Nosivost / Tragfähigkeit<br>2 šarke 2 Bänder |
|---|---|---|---|
| 113.009.01<br>02<br>03 |  | - Dvodijelna šarka OSNO 68<br>- Oznaka proizvođača ALU-B: Max3D 68<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band Achsabstand 68<br>- Hersteller Code ALU-B: Max3D 68<br>- Farbe: 01- Weiß; 02 - Grau;<br>03 - Schwarz | 120 kg |

Preporuke za ugradnju šarki
Empfehlungen für die Bandanordnung

Fh = Visina krila
Flügelhöhe

Fb = Širina krila
Flügelbreite

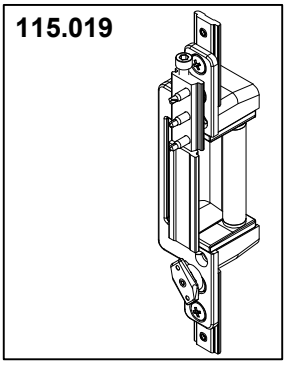



EN 1935:2002 Annex E
Zatvarači vrata povećavaju opterećenje na šarke i njihov stupanj trošenja. Za zatvarače bez prigušenja otvaranja efektivna masa vrata je 20% veća od stvarne mase vrata. Za zatvarače s prigušenjem otvaranja efektivna masa vrata je 75% veća od stvarne mase vrata.
* Dodatna šarka za bolje brtvljenje preporučuje se za visine krila iznad 2200 mm.
** Na vratima s ugrađenim zatvaračem kao i na vratima za javnu upotrebu potrebno je koristiti najmanje tri šarke.

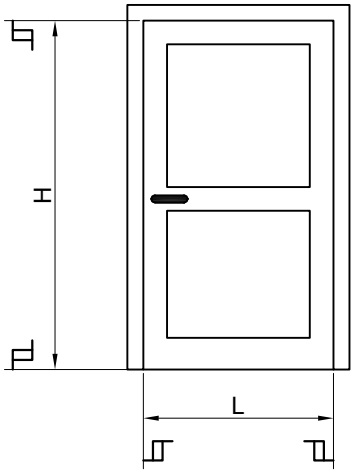
Türschließer erhöhen die Belastung der Türbänder und deren Verschleiß. Bei Türschließern ohne Öffnungsdämpfung ist die effektive Türgewicht um 20 % größer als die tatsächliche Türgewicht. Bei Türschließern mit Öffnungsdämpfung, man rechnet, dass das effektive Türgewicht um 75% erhöht wird.
* Bei Flügelhöhen über 2200 mm wird ein zusätzliches Türbaband für besseren Dichtdruck empfohlen.
** Türen mit Türschließern sowie Türen für den öffentlichen Gebrauch sollten mindestens drei Bänder haben.

# SKRIVENA ŠARKA GIESSE -115.019 - KOEFICIJENT SMANJENJA MASE VRATA (CRP) OVISNO O DIMENZIJAMA KRILA

## VERDECKTES TÜRBAND GIESSE -115.019 - REDUKTIONSFAKTOR DES FLÜGELGEWICHTES (CRP) IN ABHÄNGIGKEIT VON DEN ABMESSUNGEN




- Skrivena šarka GIESSE za vrata - otvaranje unutra
- verdecktes Türband GIESSE - einwärts öffnend




**Koeficijent smanjenja težine (CRP)**
**Reduktionsfaktor des Flügelgewichtes (CRP)**

**X - dimenzije koje nisu dopuštene**
**X - nicht zulässige Abmessungen**

| H \ W | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3000 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.93 | 0.84 | 0.76 | |
| 2900 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.88 | 0.80 | 0.74 | |
| 2800 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.93 | 0.83 | 0.76 | 0.71 | |
| 2700 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.88 | 0.79 | 0.72 | 0.68 | |
| 2600 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.93 | 0.83 | 0.75 | 0.69 | 0.65 | |
| 2500 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.87 | 0.78 | 0.71 | 0.67 | 0.63 | |
| 2400 | 1 | 1 | 1 | 1 | 1 | 1 | 0.93 | 0.81 | 0.74 | 0.68 | 0.64 | 0.61 | |
| 2300 | 1 | 1 | 1 | 1 | 1 | 1 | 0.85 | 0.76 | 0.70 | 0.65 | 0.61 | 0.59 | |
| 2200 | 1 | 1 | 1 | 1 | 1 | 0.91 | 0.80 | 0.72 | 0.67 | 0.63 | 0.59 | 0.57 | |
| 2100 | 1 | 1 | 1 | 1 | 1 | 0.85 | 0.75 | 0.68 | 0.64 | 0.60 | 0.57 | 0.55 | |
| 2000 | 1 | 1 | 1 | 1 | 0.91 | 0.79 | 0.71 | 0.65 | 0.61 | 0.58 | 0.55 | 0.53 | |
| 1900 | 1 | 1 | 1 | 1 | 0.83 | 0.73 | 0.67 | 0.62 | 0.58 | 0.56 | 0.53 | 0.52 | |
| 1800 | 1 | 1 | 1 | 0.90 | 0.77 | 0.69 | 0.63 | 0.59 | 0.56 | 0.54 | 0.52 | x | |
| 1700 | 1 | 1 | 1 | 0.82 | 0.71 | 0.65 | 0.60 | 0.57 | 0.54 | 0.52 | x | x | |
| 1600 | 1 | 1 | 0.89 | 0.75 | 0.67 | 0.61 | 0.57 | 0.54 | 0.52 | x | x | x | |
| 1500 | 1 | 1 | 0.80 | 0.69 | 0.63 | 0.58 | 0.55 | 0.52 | x | x | x | x | |
| 1400 | 1 | 0.88 | 0.73 | 0.64 | 0.59 | 0.55 | 0.52 | x | x | x | x | x | |
| 1300 | 1 | 0.78 | 0.67 | 0.60 | 0.56 | 0.52 | x | x | x | x | x | x | |
| 1200 | | | | | | | | | | | | | |

Primjer → (1200 x 2200)
Beispiel
H ↑
W →
↑ Primjer

Za dobivanje dozvoljene najveće težine krila (P) pomnožite vrijednost Pmax odabranu u tablici maksimalne nosivosti (str. 208.02.024, tablica 1) s koeficijentom smanjenja težine (CRP) koji odgovara veličini krila (Širina W x Visina H)

Primjer:
W x H = 1200 x 2200 mm (bez zatvarača)
CRP = 0,91
Pstvarno =128 kg
Pmax = 135 kg (iz tablice 1: 120kg < Pstvarno ≤ 135kg ,Pmax=135)
P = Pmax x CRP = 135 kg x 0,91 = 122 kg
Najveća dopuštena težina krila za zadane dimenzije iznosi 122 kg.
Potrebne 3 šarke (iz tablice 2 na stranici 208.02.024)

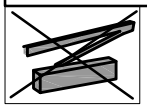
Um das Höchstgewicht (P) des Flügels zu erhalten, den der Tabelle der maximalen Tragfähigkeiten entnommenen Wert Pmax (S. 208.02.024 Tabelle 1) mit dem Reduktionsfaktor des Flügelgewichtes (CRP) der betreffenden Türabmessungen (BxH) multiplizieren.

Beispiel:
W x H = 1200 x 2200 mm (ohne Türschließer)
CRP = 0,91
Preal = 128 kg
Pmax =135 kg (aus Tab. 1: 120kg< Preal ≤ 135 kg, Pmax=135)
P = Pmax x CRP = 135kg x 0,91 = 122 kg
Das maximal zulässige Flügelgewicht für die angegebenen Abmessungen beträgt 122 kg
3 Bänder erforderlich (aus Tabelle 2 auf Seite 208.02.024)

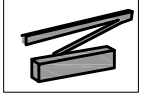
TABLICE ZA SKRIVENU ŠARKU GIESSE -115.019
TABELLEN FÜR VERDECKTES TÜRBAND GIESSE -115.019

## Tablica 1 Tabelle 1

| Tablica odabira koeficijenta Pmax ovisno o stvarnoj težini krila (Pstvarno), slučaj bez zatvarača<br>Tabelle zur Auswahl des Pmax-Koeffizienten in Abhängigkeit vom tatsächlichen Gewicht (Preal) des Flügels, ohne Türschließer |
|---|
| Pstvarno (Preal) ≤ 120kg, → Pmax = 120 kg |
| 120 kg < Pstvarno (Preal) ≤ 135kg, → Pmax = 135 kg |
| 135 kg < Pstvarno (Preal) ≤ 150kg, → Pmax = 150 kg |



| Tablica odabira koeficijenta Pmax ovisno o stvarnoj težini krila (Pstvarno), slučaj sa zatvaračem<br>Tabelle zur Auswahl des Pmax-Koeffizienten in Abhängigkeit vom tatsächlichen Gewicht (Preal) des Flügels, mit Türschließer |
|---|
| Pstvarno (Preal) ≤ 100kg, → Pmax = 100 kg |
| 100 kg < Pstvarno (Preal) ≤ 120kg, → Pmax = 120 kg |
| 120 kg < Pstvarno (Preal) ≤ 135kg, → Pmax = 135 kg |

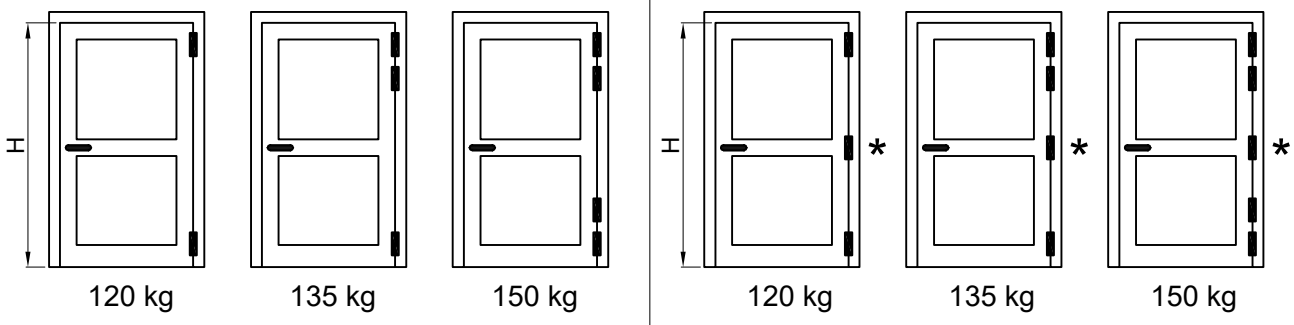


## Tablica 2 Tabelle 2

- TABLICA POVEZANOSTI NOSIVOSTI,VISINE I POTREBNOG BROJA GIESSE SKRIVENIH ŠARKI
- TABELLE DER BEZIEHUNG ZWISCHEN TRAGFÄHIGKEIT, HÖHE UND ERFORDERLICHER ANZAHL VON GIESSE VERDECKT LIEGENDEN BÄNDER

Upotreba bez zatvarača Verwendung ohne Türschließer

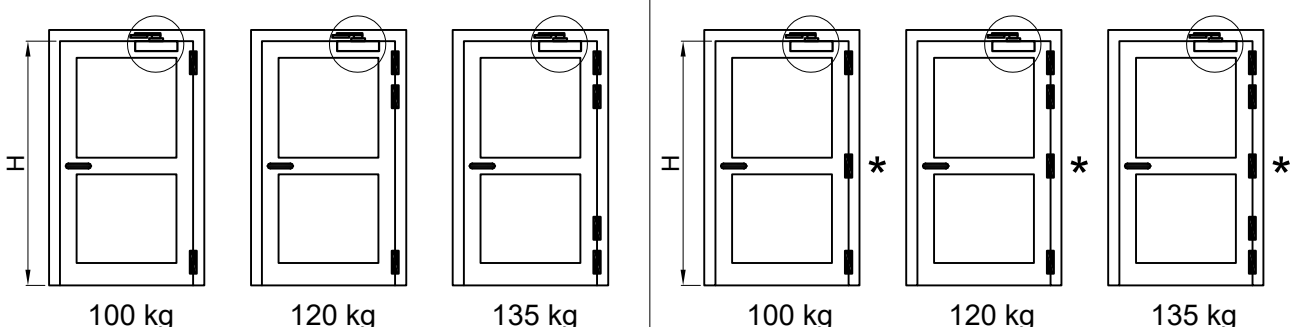
| H < 2500 | H ≥ 2500 |
|---|---|




* Preporuka Empfohlen

Upotreba sa zatvaračem Verwendung mit Türschließer

| H < 2500 | H ≥ 2500 |
|---|---|

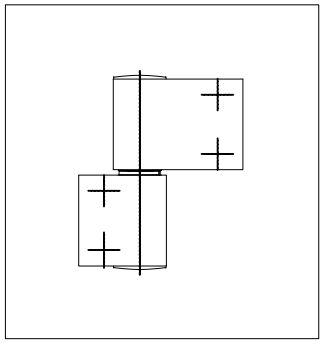



* Preporuka Empfohlen

## TÜRBAND 4 DVODIJELNE ŠARKE (M901_XXXX-M949_XXXX)
TÜRBAND 4 AT 2-TEILIG (M901_XXXX-M949_XXXX)

| Visina krila / Flügelhöhe | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1350 | 1400 | 1450 |
|---|---|---|---|---|---|---|---|---|---|---|
| 3000 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 2900 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 2800 | 180 | 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 / Flügelbreite



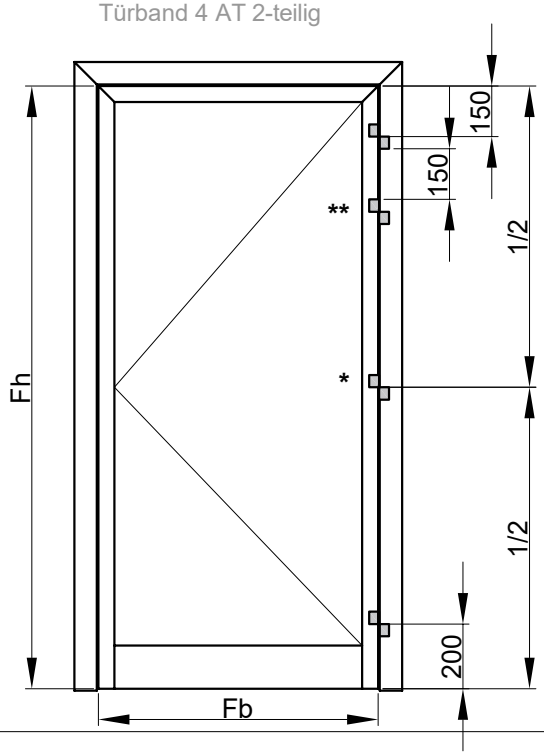
Napomene proizvođača šarki (Dr. Hahn):
Svi podaci vrijede ako su zadovoljeni uvjeti pravilne montaže (gornja šarka 150 mm od vrha krila, donja 200 mm od dna krila), za korištenje dvije šarke kod srednje ili niskofrekventne upotrebe.
Za primjenu na vratima sa zatvaračem, automatskim vratima ili kod visokofrekventne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

Anmerkungen des Bänderherstellers (Dr. Hahn):
Alle Angaben gelten ausschließlich unter Einhaltung der mindest Bandabstände (Flügelhöhe - Bandabstände oben 150 mm, unten 200 mm) in Verbindung mit zwei Türbändern unter niedriger bis mittlerer Beanspruchung.
Wir empfehlen beim Einsatz von Drehflügelantrieben, Schließern bzw. starker Beanspruchung in einem Abstand von 150 mm unterhalb des oberen Türbandes ein weiteres, drittes Türband anzuordnen.
Die oben genannten Belastungswerte dürfen nicht überschritten werden!

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## Preporuke za ugradnju Dr. Hahn Türband 4 AT šarki
Empfehlungen für die Montage des Dr. Hahn Türband 4 AT

Türband 4 AT dvodijelna šarka
Türband 4 AT 2-teilig

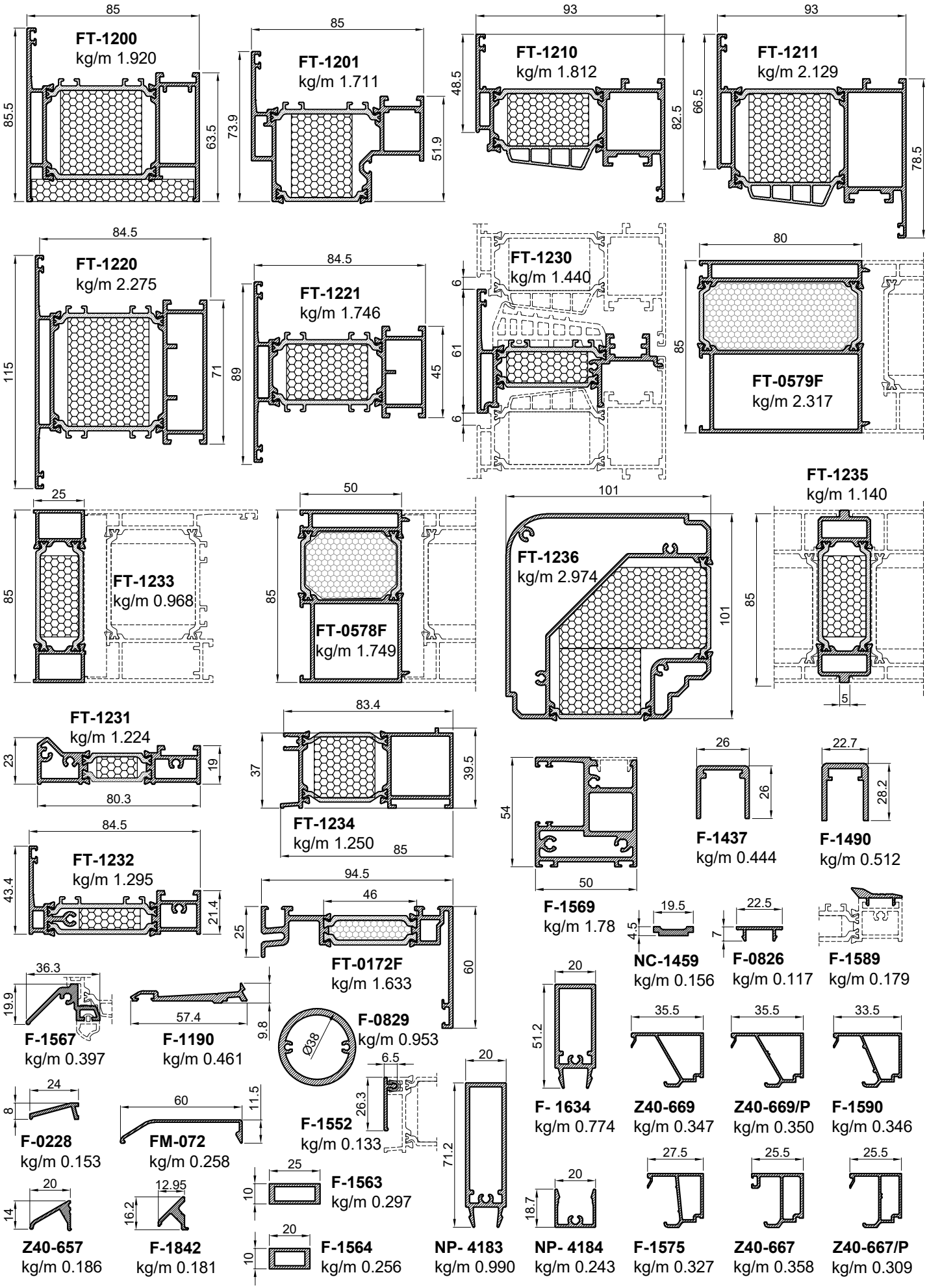


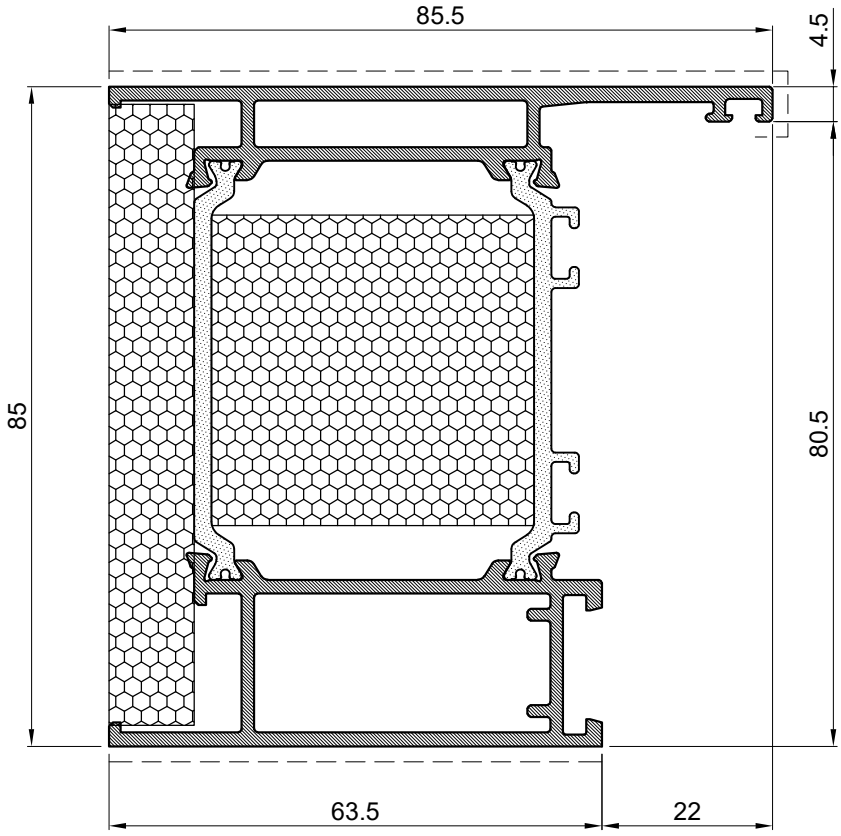

* Dodatna šarka za bolje brtvljenje preporučuje se za visine krila iznad 2200 mm.
** Na vratima s ugrađenim zatvaračem kao i na vratima za javnu upotrebu potrebno je koristiti najmanje tri šarke.
* Bei Flügelhöhen über 2200 mm wird ein zusätzliches Türbaband für besseren Dichtdruck empfohlen.
** Türen mit Türschließern sowie Türen für den öffentlichen Gebrauch sollten mindestens drei Bänder haben.

Napomena:
Ne podmazivati, čahure su napravljene od PVC-a koji ne zahtijeva održavanje!
Anmerkung:
Lagerbuchse aus wartungsfreiem Kunststoff– keinesfalls schmieren!

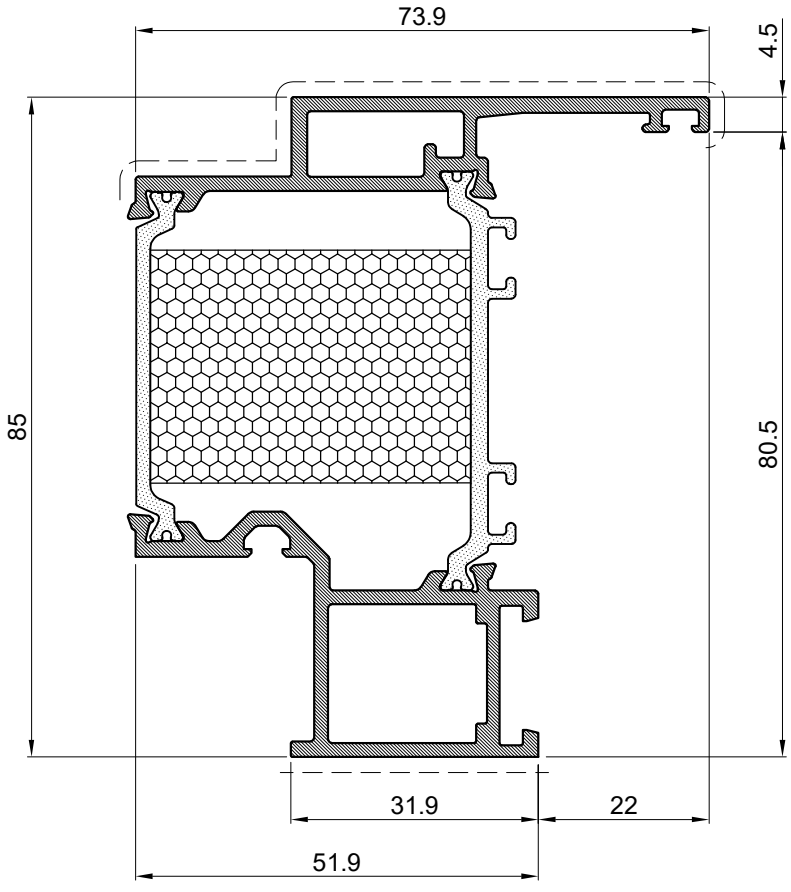
Fh = Visina krila
Flügelhöhe
Fb = Širina krila
Flügelbreite

# Profili
# Profile

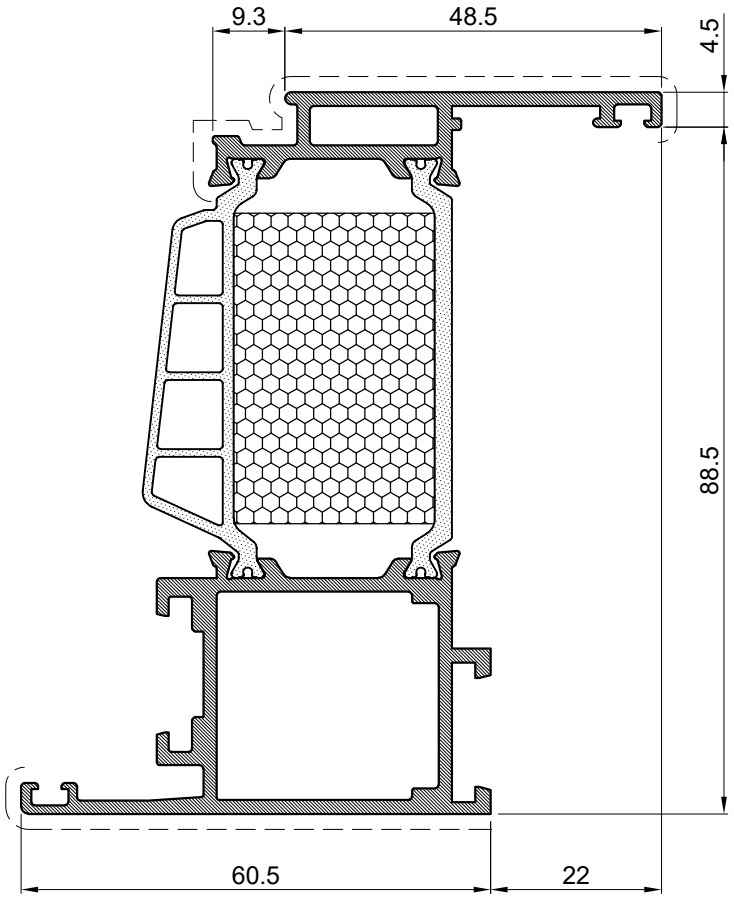

FT-1200
kg/m 1.920
FT-1201
kg/m 1.711
FT-1210
kg/m 1.812
FT-1211
kg/m 2.129
FT-1220
kg/m 2.275
FT-1221
kg/m 1.746
FT-1230
kg/m 1.440
FT-0579F
kg/m 2.317
FT-1233
kg/m 0.968
FT-0578F
kg/m 1.749
FT-1236
kg/m 2.974
FT-1235
kg/m 1.140
FT-1231
kg/m 1.224
FT-1234
kg/m 1.250
FT-1232
kg/m 1.295
F-1569
kg/m 1.78
F-1437
kg/m 0.444
F-1490
kg/m 0.512
FT-0172F
kg/m 1.633
NC-1459
kg/m 0.156
F-0826
kg/m 0.117
F-1589
kg/m 0.179
F-1567
kg/m 0.397
F-1190
kg/m 0.461
F-0829
kg/m 0.953
F- 1634
kg/m 0.774
Z40-669
kg/m 0.347
Z40-669/P
kg/m 0.350
F-1590
kg/m 0.346
F-0228
kg/m 0.153
FM-072
kg/m 0.258
F-1552
kg/m 0.133
F-1563
kg/m 0.297
F-1564
kg/m 0.256
NP- 4183
kg/m 0.990
NP- 4184
kg/m 0.243
F-1575
kg/m 0.327
Z40-667
kg/m 0.358
Z40-667/P
kg/m 0.309
Z40-657
kg/m 0.186
F-1842
kg/m 0.181



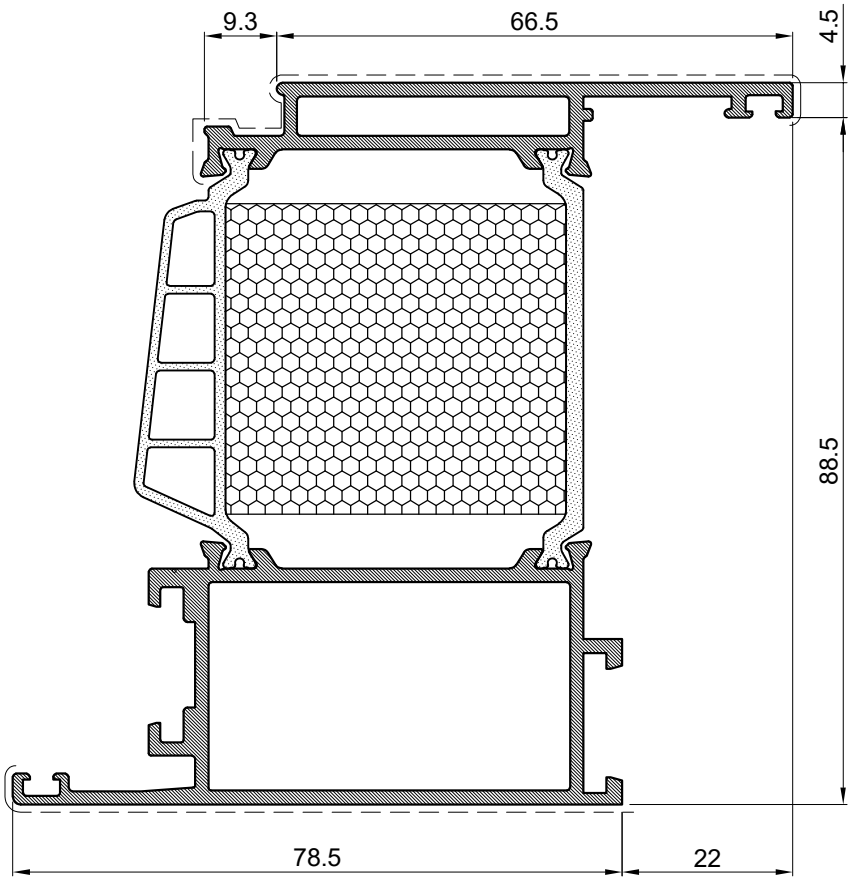

| Profil rama<br>Blendrahmenprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1200** | |
| Težina<br>Metergewicht | kg/m' | **1.920** |
| Opseg<br>Umfang | mm | **479.8** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **54.47** |
| | Iy (cm4) | **26.13** |
| | Wx (cm3) | **16.93** |
| | Wy (cm3) | **5.51** |
| L | mm | **6500** |



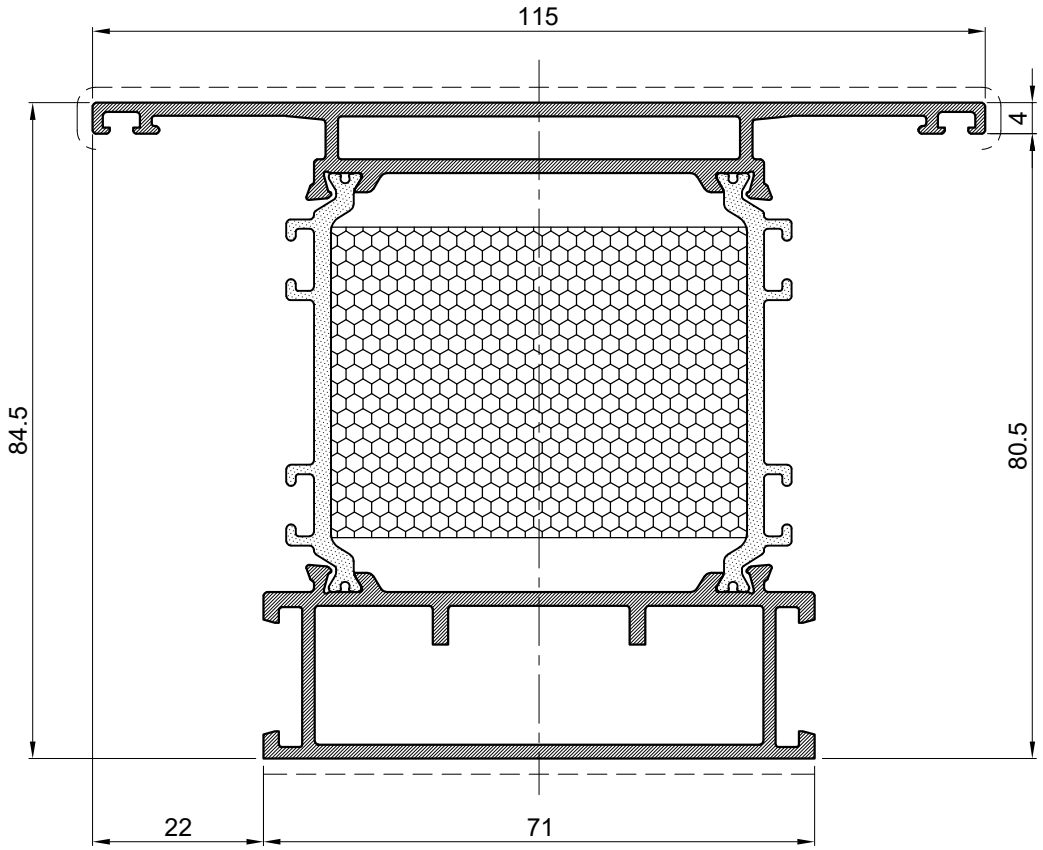

| Profil rama-spoj sa fasadom<br>Einspannblendrahmenprofil-für Integration in Fassaden | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1201** | |
| Težina<br>Metergewicht | kg/m' | **1.711** |
| Opseg<br>Umfang | mm | **417.6** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **40.15** |
| | Iy (cm4) | **15.78** |
| | Wx (cm3) | **12.15** |
| | Wy (cm3) | **3.80** |
| L | mm | **6500** |



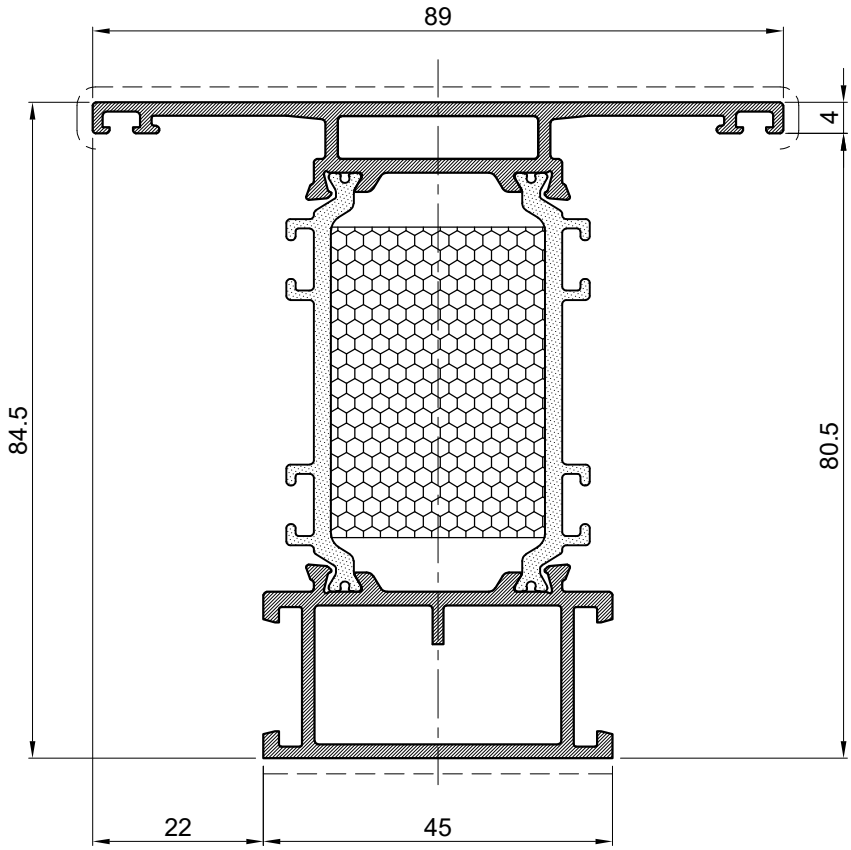

| Profil krila<br>Flügelprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1210** | |
| Težina<br>Metergewicht | kg/m' | **1.812** |
| Opseg<br>Umfang | mm | **458.10** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **54.16** |
| | Iy (cm4) | **17.16** |
| | Wx (cm3) | **14.47** |
| | Wy (cm3) | **4.1** |
| L | mm | **6500** |



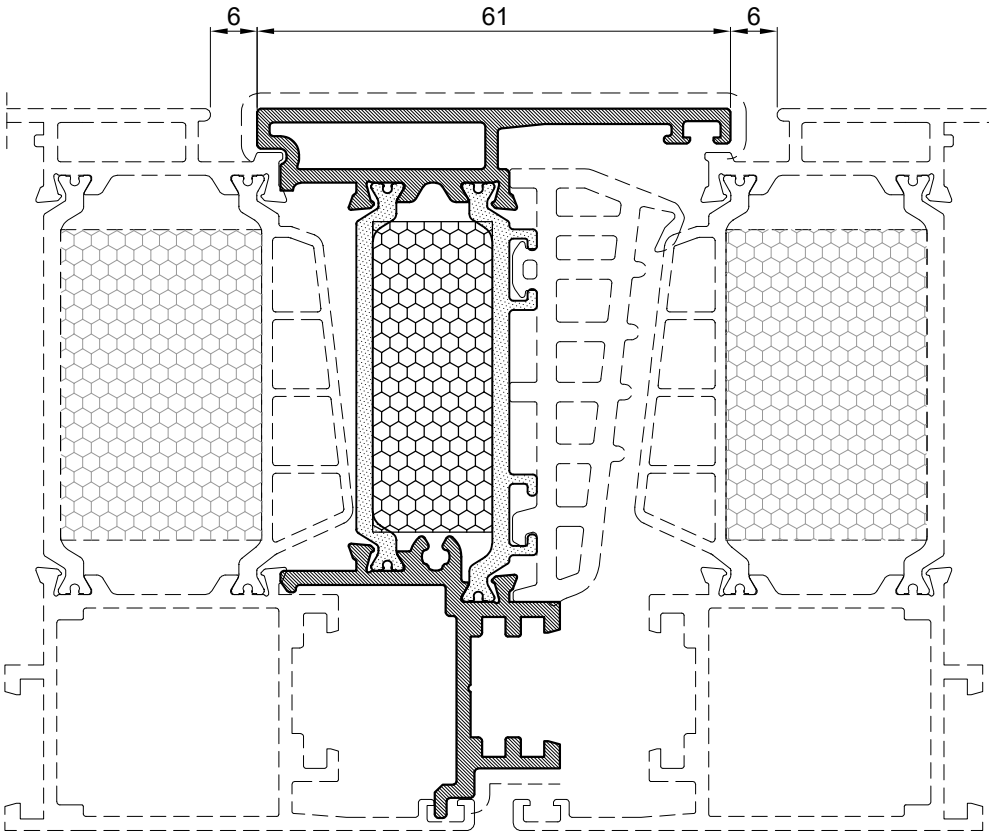

| Profil krila<br>Flügelprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1211** | |
| Težina<br>Metergewicht | kg/m' | **2.129** |
| Opseg<br>Umfang | mm | **507.28** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **67.82** |
| | Iy (cm4) | **36.52** |
| | Wx (cm3) | **19.03** |
| | Wy (cm3) | **7.15** |
| L | mm | **6500** |



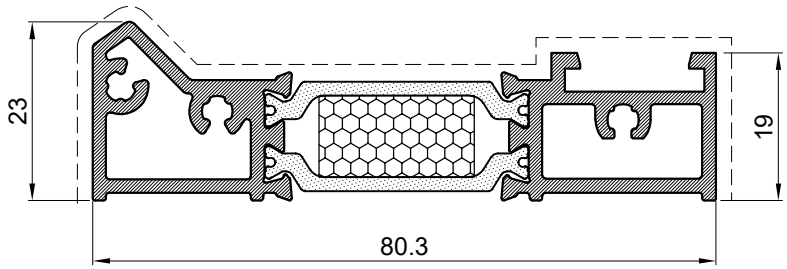

| Profil prečke<br>Riegel/Pfostenprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1220** | |
| Težina<br>Metergewicht | kg/m' | **2.275** |
| Opseg<br>Umfang | mm | **563.6** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **63.60** |
| | Iy (cm4) | **50.62** |
| | Wx (cm3) | **19.51** |
| | Wy (cm3) | **8.80** |
| L | mm | **6500** |



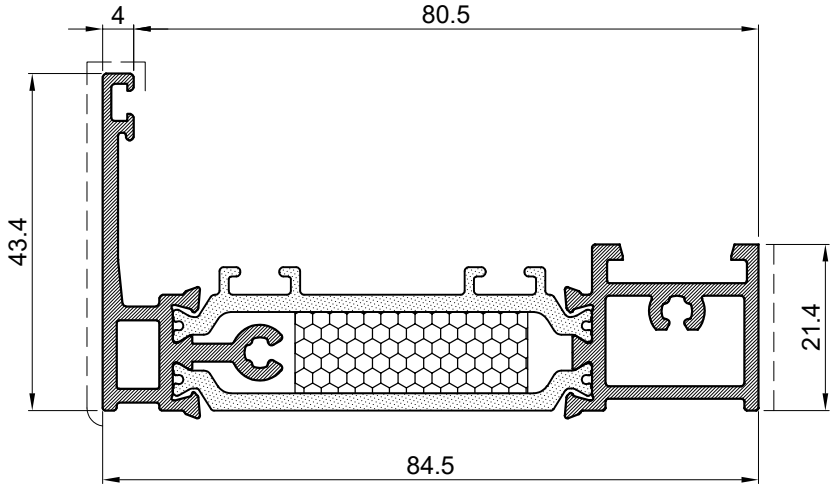

| Profil prečke<br>Riegel/Pfostenprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1221** | |
| Težina<br>Metergewicht | kg/m' | **1.746** |
| Opseg<br>Umfang | mm | **533** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **46.34** |
| | Iy (cm4) | **18.73** |
| | Wx (cm3) | **13.93** |
| | Wy (cm3) | **4.21** |
| L | mm | **6500** |



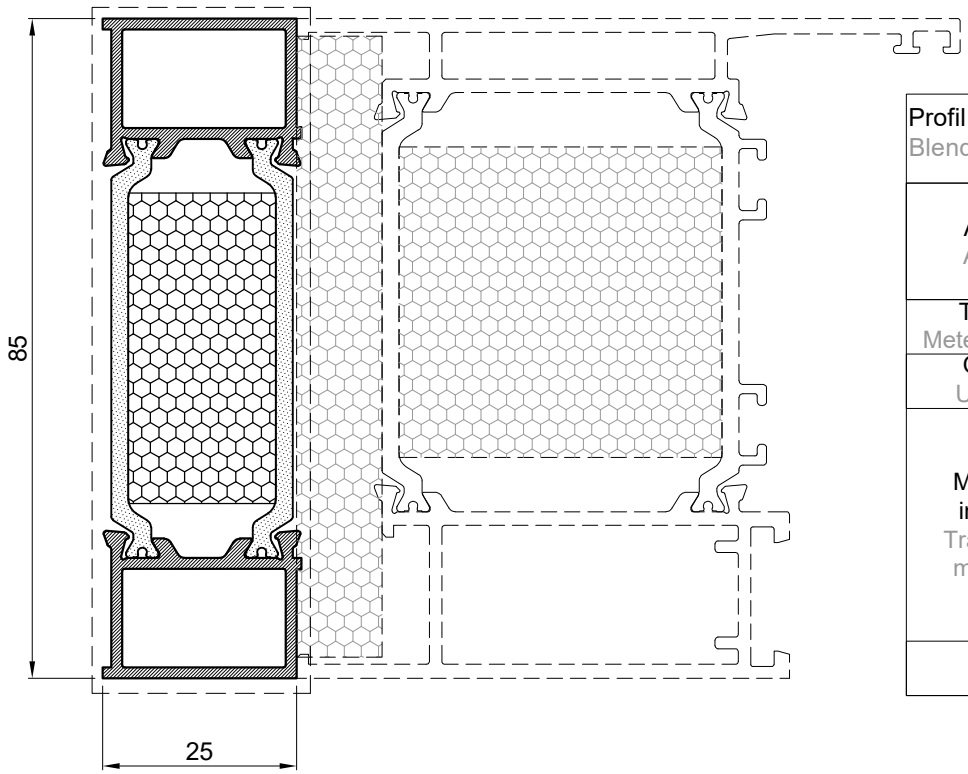

| Profil kombatute<br>Stulpprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1230** | |
| Težina<br>Metergewicht | kg/m' | **1.440** |
| Opseg<br>Umfang | mm | **443.8** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **34.54** |
| | Iy (cm4) | **8.02** |
| | Wx (cm3) | **8.50** |
| | Wy (cm3) | **2.25** |
| L | mm | **6500** |



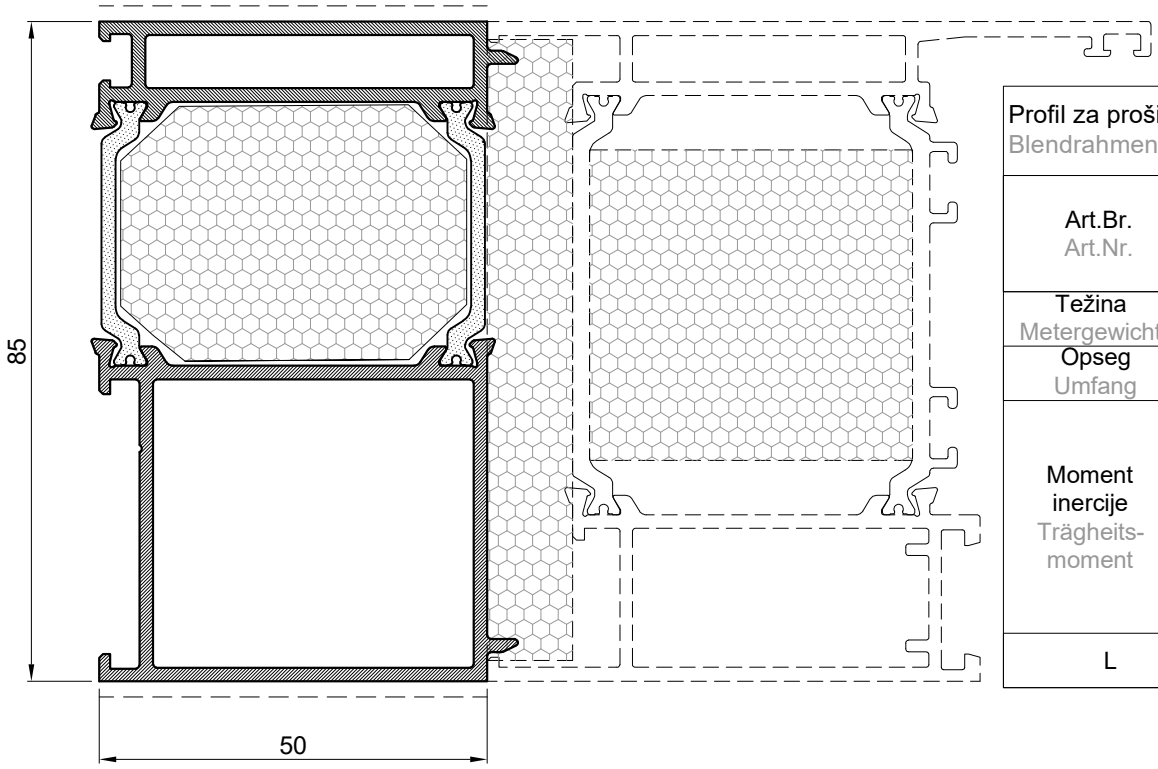

| Profil praga<br>Schwellenprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1231** | |
| Težina<br>Metergewicht | kg/m' | **1.224** |
| Opseg<br>Umfang | mm | **244.8** |
| L | mm | **6500** |



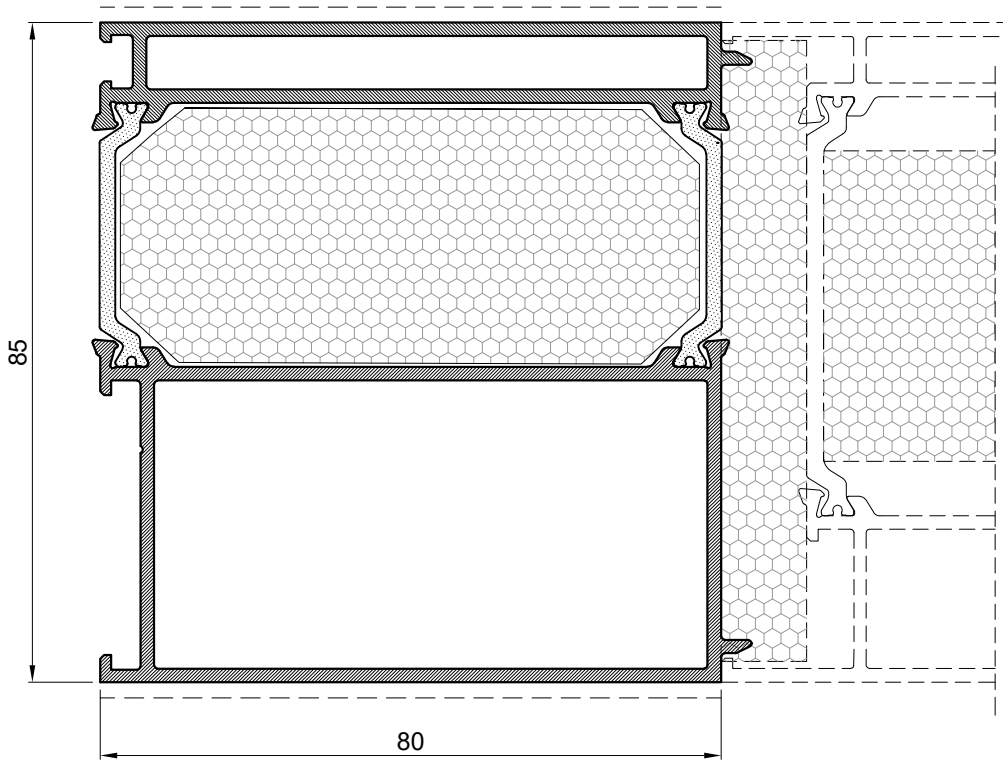

| Profil praga<br>Schwellenprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1232** | |
| Težina<br>Metergewicht | kg/m' | **1.295** |
| Opseg<br>Umfang | mm | **359.4** |
| L | mm | **6500** |



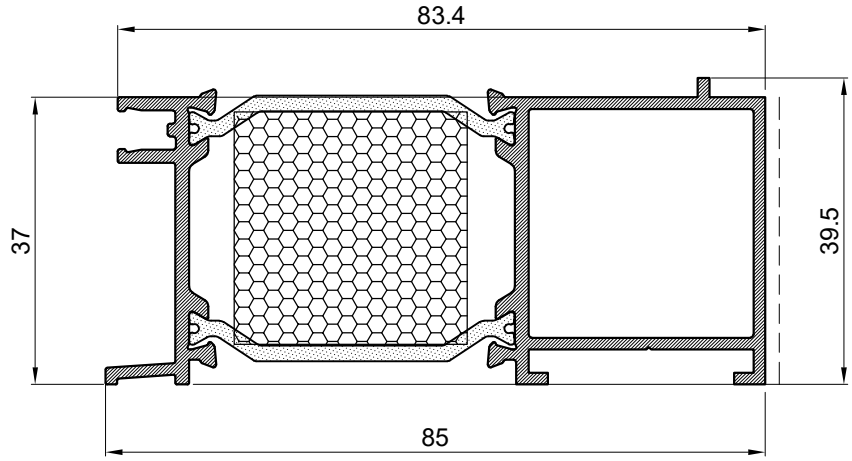

| Profil za proširenje rama<br>Blendrahmen-Verbreiterungsprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1233** | |
| Težina<br>Metergewicht | kg/m' | **0.968** |
| Opseg<br>Umfang | mm | **245** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **21.04** |
| | Iy (cm4) | **2.02** |
| | Wx (cm3) | **6.96** |
| | Wy (cm3) | **1.56** |
| L | mm | **6500** |



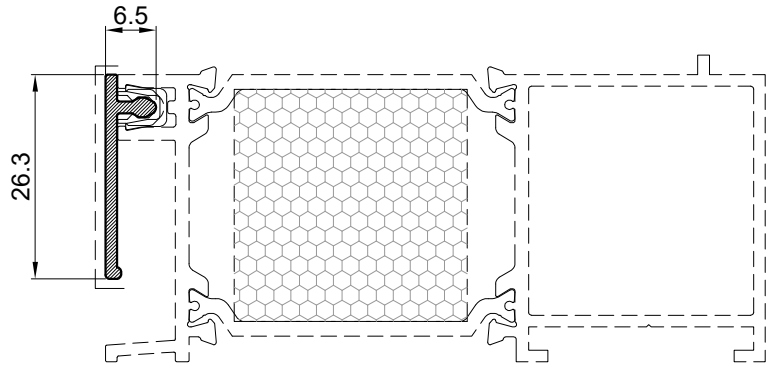

| Profil za proširenje rama<br>Blendrahmen-Verbreiterungsprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-0578F** | |
| Težina<br>Metergewicht | kg/m' | **1.749** |
| Opseg<br>Umfang | mm | **309** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **41.85** |
| | Iy (cm4) | **18.21** |
| | Wx (cm3) | **12.32** |
| | Wy (cm3) | **6.50** |
| L | mm | **6500** |



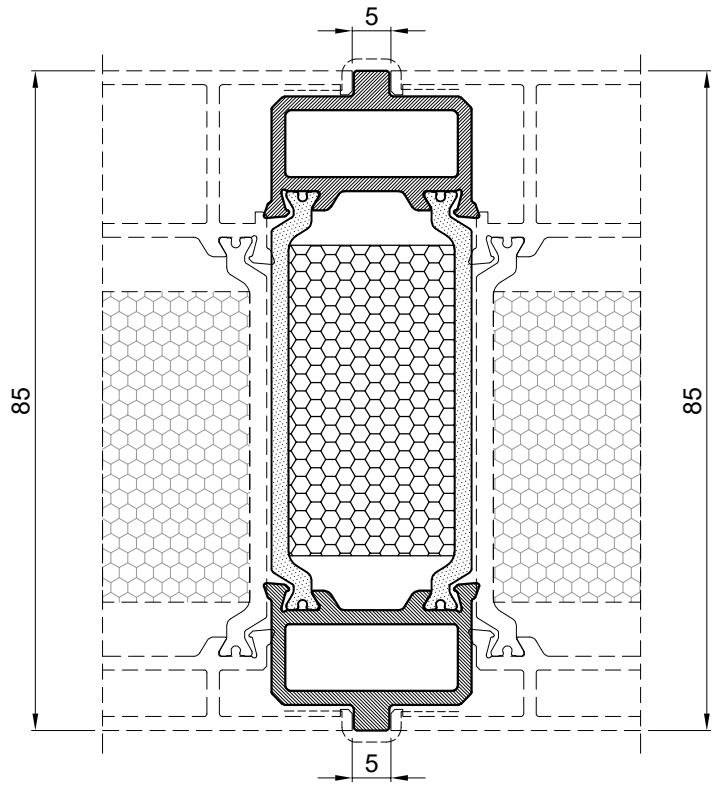

| Profil za proširenje rama<br>Blendrahmen-Verbreiterungsprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-0579F** | |
| Težina<br>Metergewicht | kg/m' | **2.317** |
| Opseg<br>Umfang | mm | **369** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **59.31** |
| | Iy (cm4) | **60.58** |
| | Wx (cm3) | **16.95** |
| | Wy (cm3) | **14.03** |
| L | mm | **6500** |



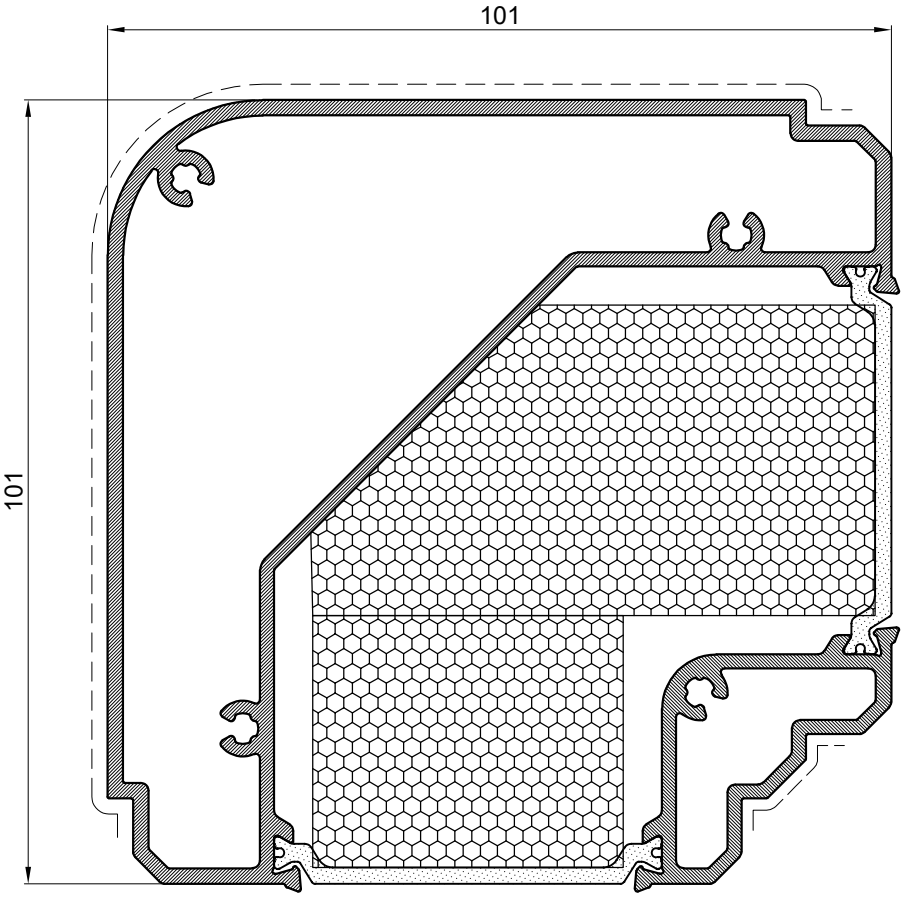

| Profil za proširenje<br>Verbreiterungsprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1234** | |
| Težina<br>Metergewicht | kg/m' | **1.250** |
| Opseg<br>Umfang | mm | **325.4** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **6.57** |
| | Iy (cm4) | **32.95** |
| | Wx (cm3) | **3.28** |
| | Wy (cm3) | **7.1** |
| L | mm | **6500** |



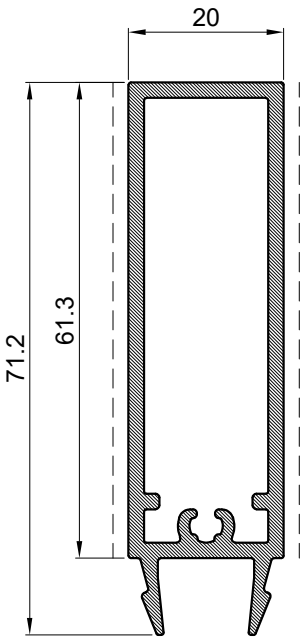

| Profil maska<br>Abdeckprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1552** | |
| Težina<br>Metergewicht | kg/m' | **0.133** |
| Opseg<br>Umfang | mm | **66** |
| L | mm | **6500** |



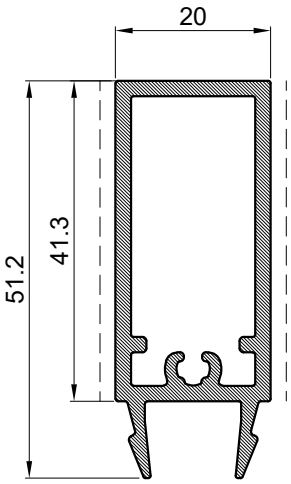

| Vezni profil<br>Kopplungsprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1235** | |
| Težina<br>Metergewicht | kg/m' | **1.140** |
| Opseg<br>Umfang | mm | **235** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **25.16** |
| | Iy (cm4) | **2.38** |
| | Wx (cm3) | **8.35** |
| | Wy (cm3) | **1.71** |
| L | mm | **6500** |



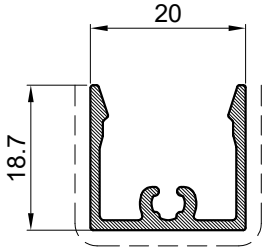

| Profil za spoj pod kutem<br>Eckpfosten | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-1236** | |
| Težina<br>Metergewicht | kg/m' | **2.974** |
| Opseg<br>Umfang | mm | **401.2** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **115.48** |
| | Iy (cm4) | **126.59** |
| | Wx (cm3) | **23.21** |
| | Wy (cm3) | **23.20** |
| L | mm | **6500** |



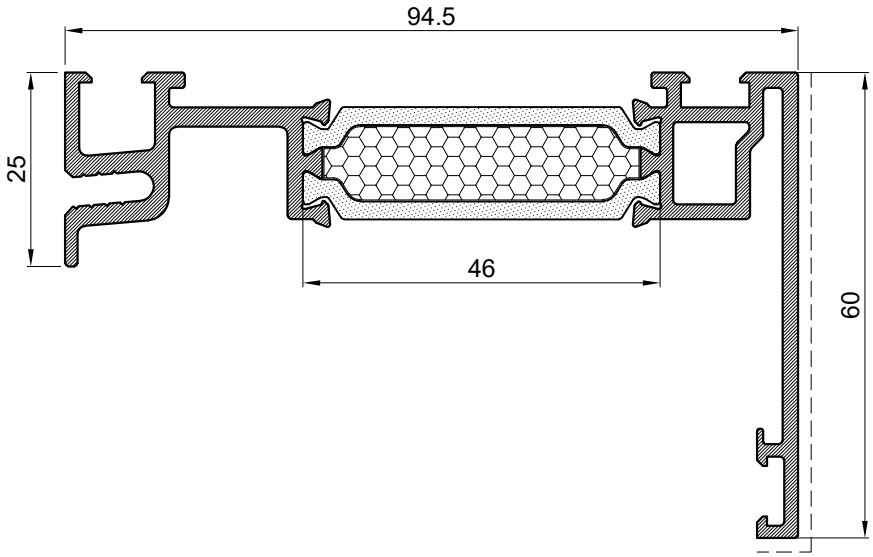

| Profil ojačanja prečke<br>Riegel/Pfostenverstärkungsprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **NP- 4183** | |
| Težina<br>Metergewicht | kg/m' | **0.990** |
| Opseg<br>Umfang | mm | **200** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **18.21** |
| | Iy (cm4) | **2.34** |
| | Wx (cm3) | **5.11** |
| | Wy (cm3) | **2.34** |
| L | mm | **6500** |



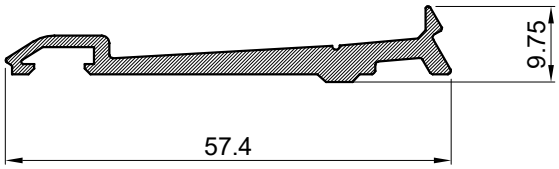

| Profil ojačanja prečke<br>Riegel/Pfostenverstärkungsprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F- 1634** | |
| Težina<br>Metergewicht | kg/m' | **0.774** |
| Opseg<br>Umfang | mm | **159.9** |
| Moment inercije<br>Trägheits-moment | Ix (cm4) | **7,06** |
| | Iy (cm4) | **1,69** |
| | Wx (cm3) | **2,69** |
| | Wy (cm3) | **1,69** |
| L | mm | **6500** |



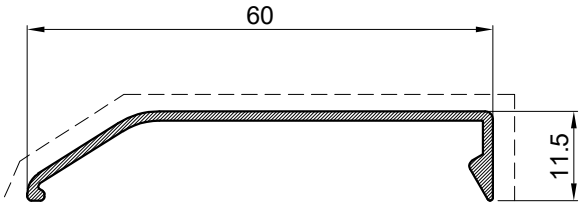

| Maska profila ojačanja<br>Abdeckprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **NP-4184** | |
| Težina<br>Metergewicht | kg/m' | **0.243** |
| Opseg<br>Umfang | mm | **129** |
| L | mm | **6500** |



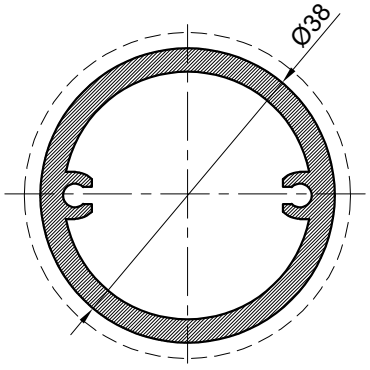

| Profil za ugradnju<br>Einbauprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FT-0172F** | |
| Težina<br>Metergewicht | kg/m' | **1.633** |
| Opseg<br>Umfang | mm | **488** |
| L | mm | **6500** |



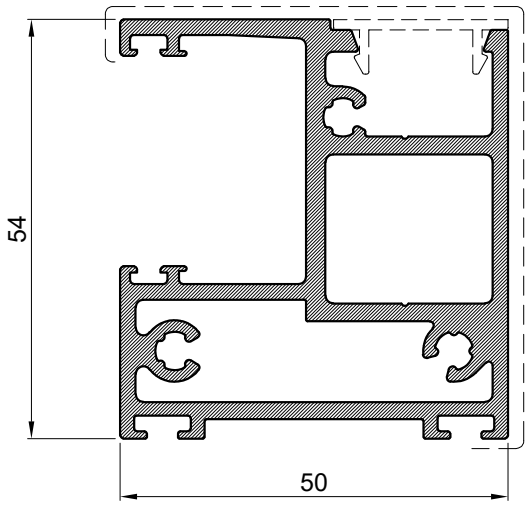

| Profil za ugradnju<br>Einbauprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1190** | |
| Težina<br>Metergewicht | kg/m' | **0.461** |
| Opseg<br>Umfang | mm | **145** |
| L | mm | **6500** |



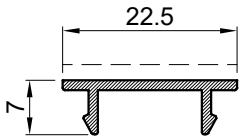

| Profil za ugradnju<br>Einbauprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **FM-072** | |
| Težina<br>Metergewicht | kg/m' | **0.258** |
| Opseg<br>Umfang | mm | **152** |
| L | mm | **6500** |



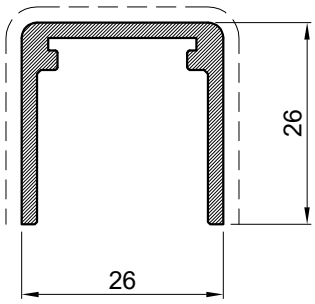

| Profil rukohvata vrata<br>Stoßgriffprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-0829** | |
| Težina<br>Metergewicht | kg/m' | **0.953** |
| Opseg<br>Umfang | mm | **119** |
| L | mm | **6500** |



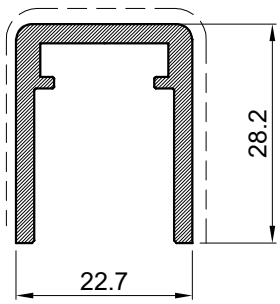

| Profil francuskog balkona<br>Profil des französischen Balkons | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1569** | |
| Težina<br>Metergewicht | kg/m' | **1.78** |
| Opseg<br>Umfang | mm | **357** |
| L | mm | **6500** |



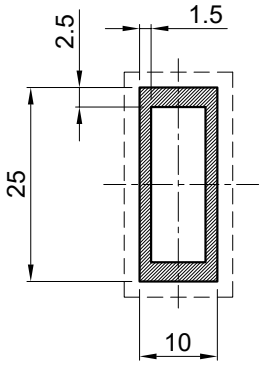

| Pokrivni profil<br>Abdeckprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-0826** | |
| Težina<br>Metergewicht | kg/m' | **0.117** |
| Opseg<br>Umfang | mm | **70** |
| L | mm | **6500** |



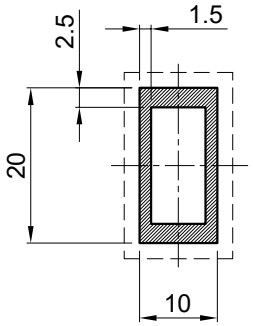

| Profil rukovata za 1010.4<br>Handlaufprofil für 1010.4 | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1437** | |
| Težina<br>Metergewicht | kg/m' | **0.444** |
| Opseg<br>Umfang | mm | **154** |
| L | mm | **6500** |



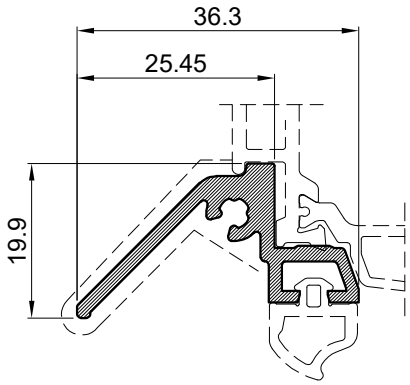

| Profil rukovata za 88.4<br>Handlaufprofil für 88.4 | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1490** | |
| Težina<br>Metergewicht | kg/m' | **0.512** |
| Opseg<br>Umfang | mm | **158** |
| L | mm | **6500** |



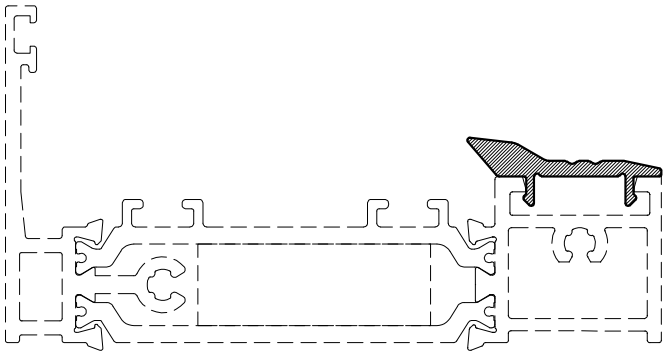

| Umetak za otvore<br>Einsatz | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1563** | |
| Težina<br>Metergewicht | kg/m' | **0.297** |
| Opseg<br>Umfang | mm | **70** |
| L | mm | **6500** |



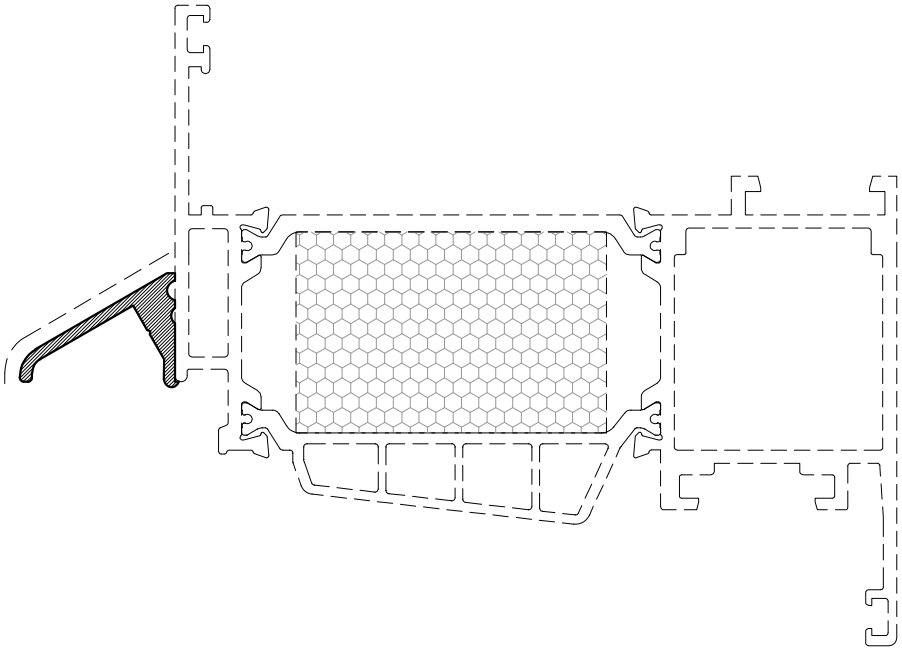

| Umetak za otvore<br>Einsatz | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1564** | |
| Težina<br>Metergewicht | kg/m' | **0.256** |
| Opseg<br>Umfang | mm | **59.66** |
| L | mm | **6500** |



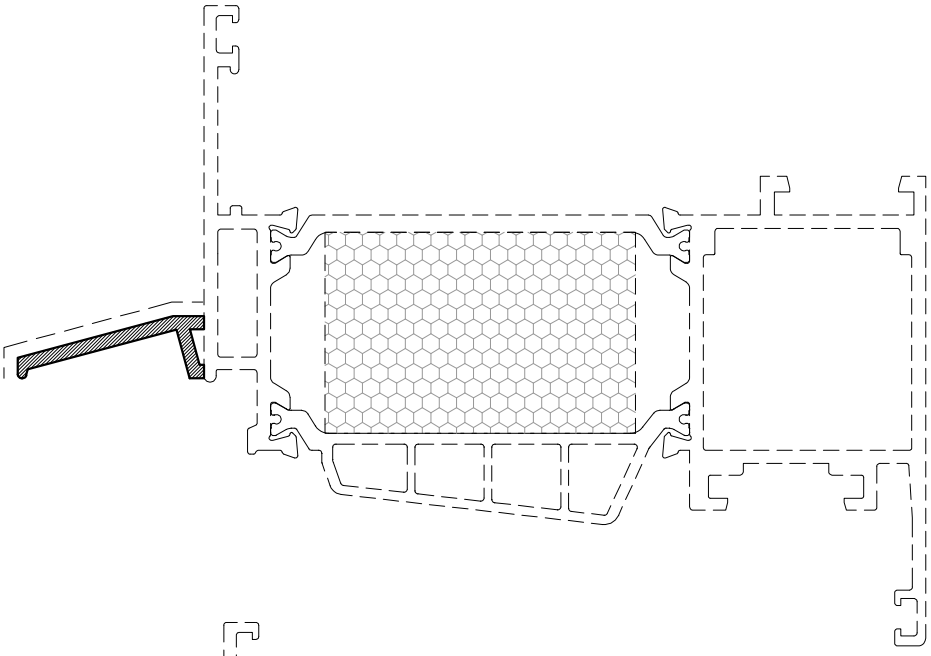

| Profil okapnice<br>Wetterschenkelprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1567** | |
| Težina<br>Metergewicht | kg/m' | **0.397** |
| Opseg<br>Umfang | mm | **145.5** |
| L | mm | **6500** |



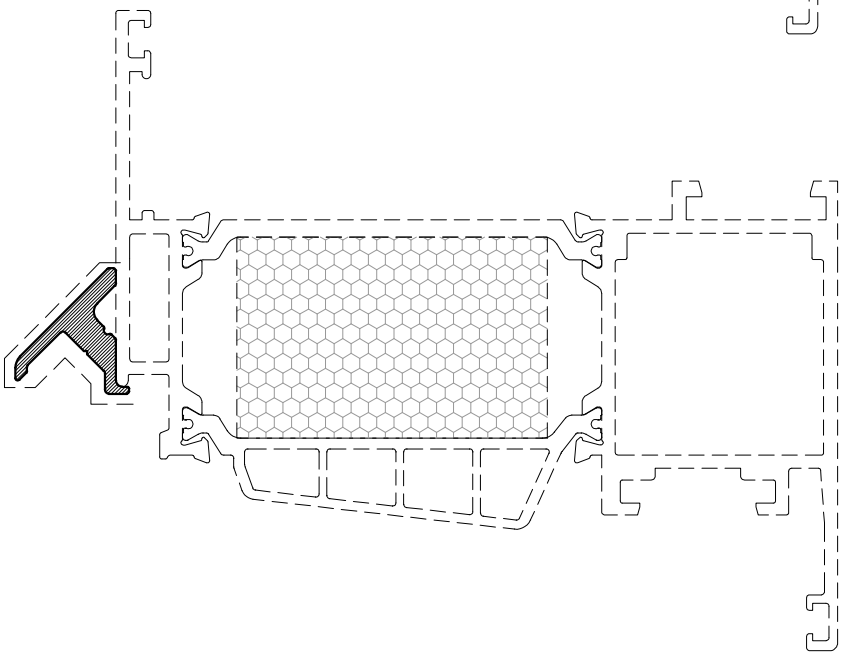
| Profil maske<br>Abdeckprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1589** | |
| Težina<br>Metergewicht | kg/m' | **0.179** |
| Opseg<br>Umfang | mm | **69.9** |
| L | mm | **6500** |



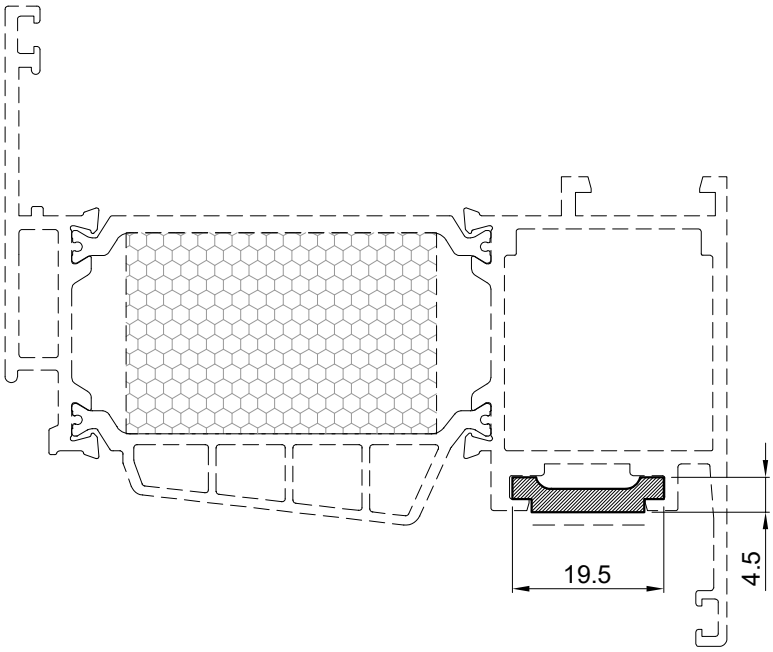
| Profil okapnice<br>Wetterschenkelprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **Z40-657** | |
| Težina<br>Metergewicht | kg/m' | **0.186** |
| Opseg<br>Umfang | mm | **73** |
| L | mm | **6500** |



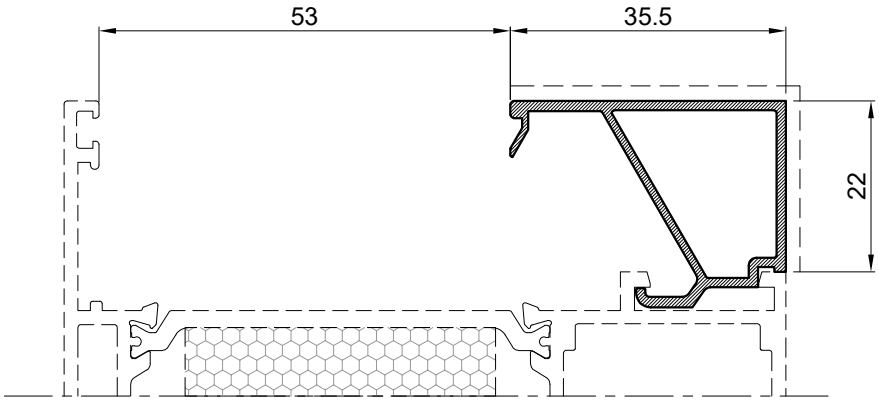
| Profil okapnice<br>Wetterschenkelprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-0228** | |
| Težina<br>Metergewicht | kg/m' | **0.153** |
| Opseg<br>Umfang | mm | **68** |
| L | mm | **6500** |



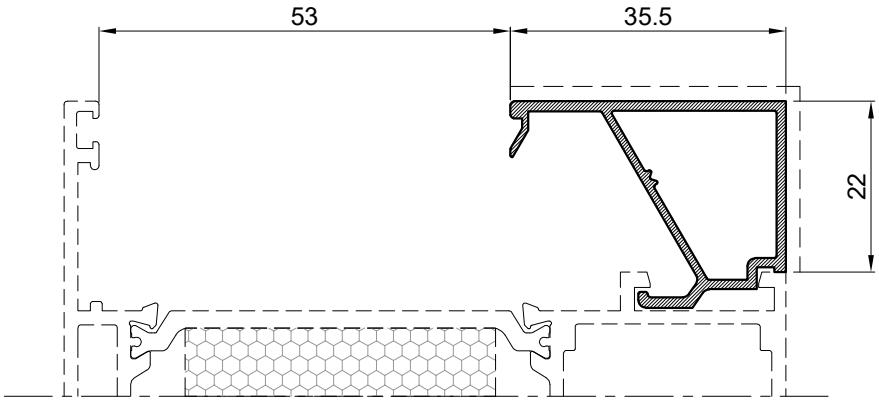
| Profil okapnice<br>Wetterschenkelprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1842** | |
| Težina<br>Metergewicht | kg/m' | **0.181** |
| Opseg<br>Umfang | mm | **63** |
| L | mm | **6500** |



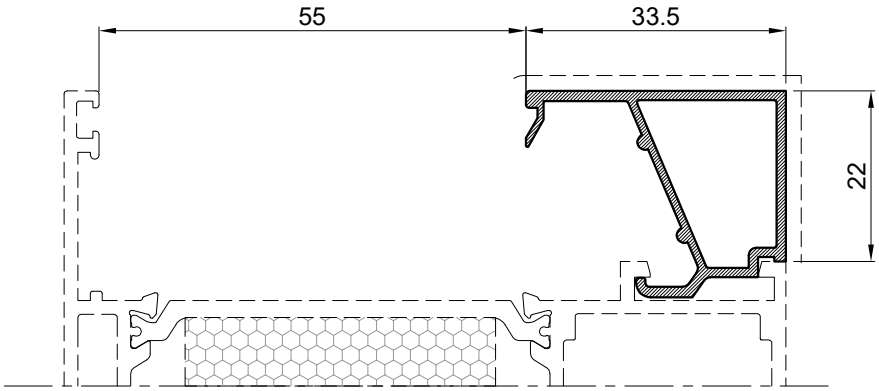

| Profil klizača<br>Schubprofil | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **NC-1459** | |
| Težina<br>Metergewicht | kg/m' | **0.156** |
| Opseg<br>Umfang | mm | **51** |
| L | mm | **6500** |



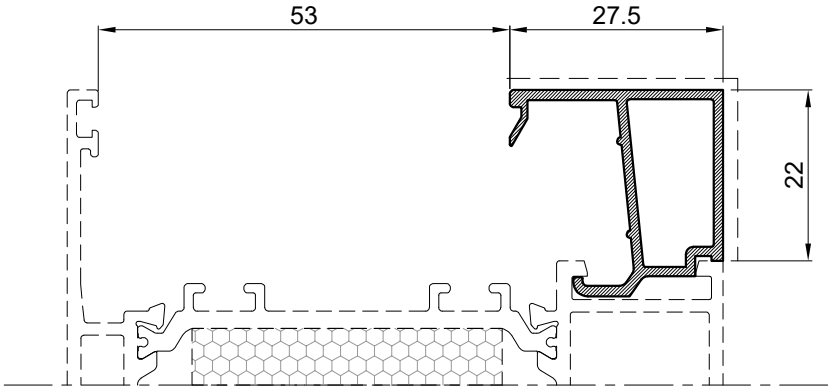

| Staklo lajsna<br>Glasleiste | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **Z40-669** | |
| Težina<br>Metergewicht | kg/m' | **0.347** |
| Opseg<br>Umfang | mm | **143** |
| L | mm | **6500** |



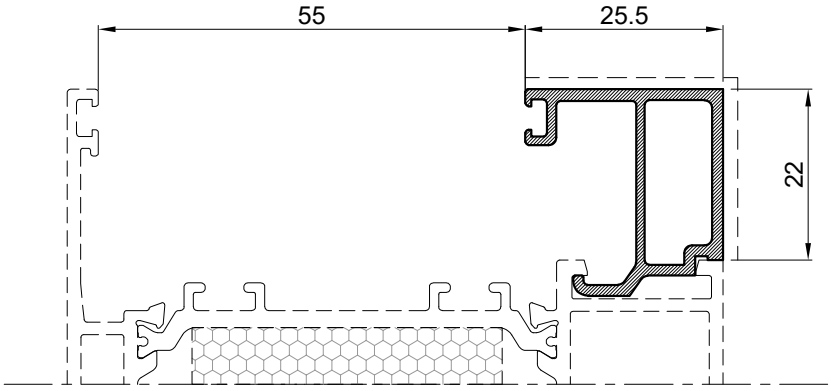

| Staklo lajsna<br>Glasleiste | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **Z40-669/P** | |
| Težina<br>Metergewicht | kg/m' | **0.350** |
| Opseg<br>Umfang | mm | **142** |
| L | mm | **6500** |



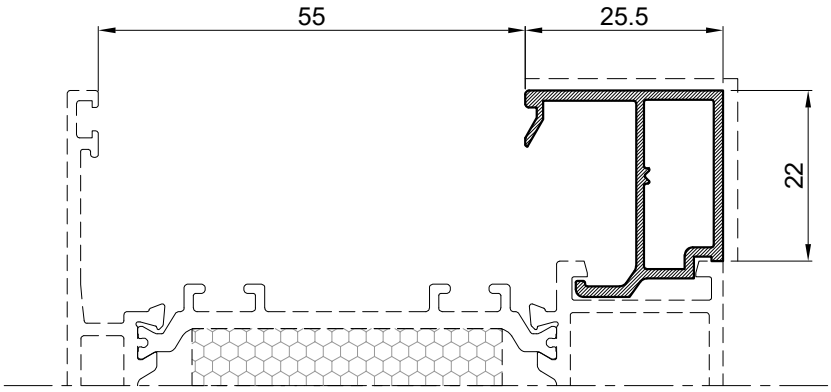

| Staklo lajsna<br>Glasleiste | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1590** | |
| Težina<br>Metergewicht | kg/m' | **0.346** |
| Opseg<br>Umfang | mm | **142.75** |
| L | mm | **6500** |




| Staklo lajsna<br>Glasleiste | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **F-1575** | |
| Težina<br>Metergewicht | kg/m' | **0.327** |
| Opseg<br>Umfang | mm | **133.4** |
| L | mm | **6500** |

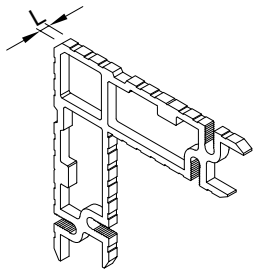
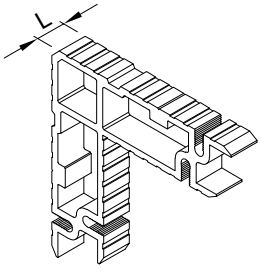
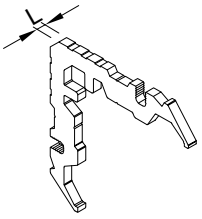
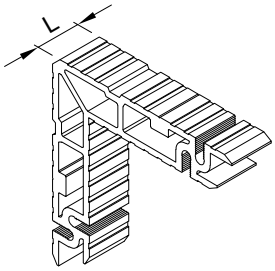
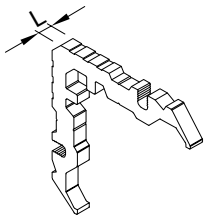
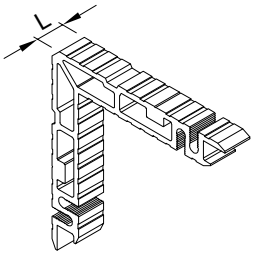


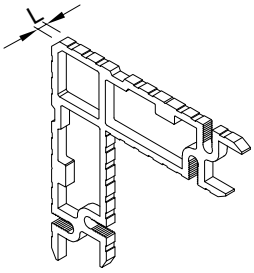
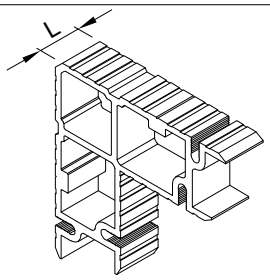
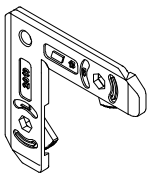
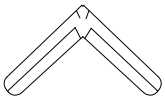
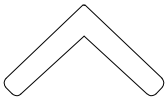
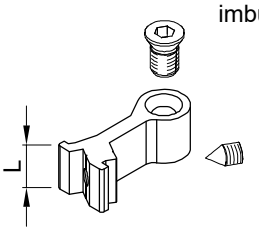

| Staklo lajsna<br>Glasleiste | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **Z40-667** | |
| Težina<br>Metergewicht | kg/m' | **0.358** |
| Opseg<br>Umfang | mm | **139** |
| L | mm | **6500** |

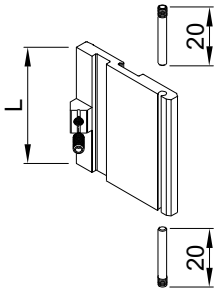
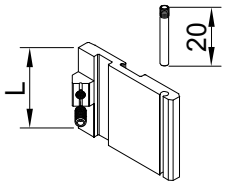



| Staklo lajsna<br>Glasleiste | | |
|---|---|---|
| Art.Br.<br>Art.Nr. | **Z40-667/P** | |
| Težina<br>Metergewicht | kg/m' | **0.309** |
| Opseg<br>Umfang | mm | **131** |
| L | mm | **6500** |

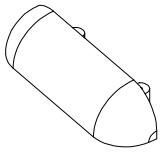
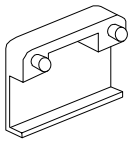
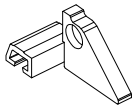
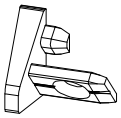
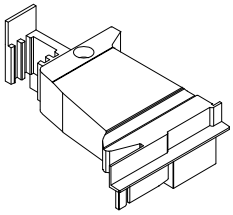
# Vezni elementi
## Verbindungselemente

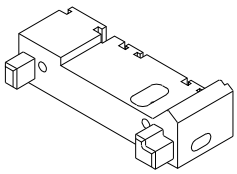
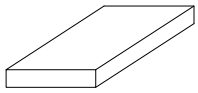
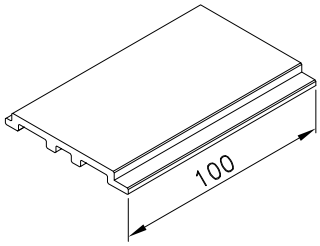
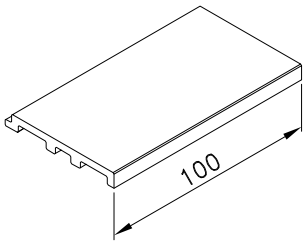
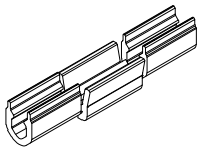
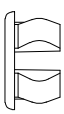
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **710.408** |  | - Kutna spojnica 34.6, L=5.4<br>- Eckverbinder 34.6, L=5.4 | Al. | |
| **710.409** |  | - Kutna spojnica 34.6, L=17.3<br>- Eckverbinder 34.6, L=17.3 | Al. | |
| **710.506** |  | - Kutna spojnica 16, L=4.5<br>- Eckverbinder 16, L=4.5 | Al. | |
| **710.411** |  | - Kutna spojnica 24.6, L=26.3<br>- Eckverbinder 24.6, L=26.3 | Al. | |
| **710.507** |  | - Kutna spojnica 14.6, L=7.9<br>- Eckverbinder 14.6, L=7.9 | Al. | |
| **710.436** |  | - Kutna spojnica 18.5, L=17.3<br>- Eckverbinder 18.5, L=17.3 | Al. | |

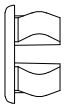
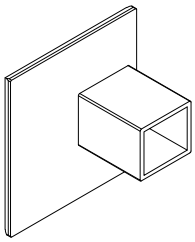
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **710.434** |  | - Kutna spojnica 34.6, L=4.5<br>- Eckverbinder 34.6, L=4.5 | Al. | |
| **710.435** |  | - Kutna spojnica 46, L=26.3<br>- Eckverbinder 46, L=26.3 | Al. | |
| **731.010** |  | - Kutna spojnica za komoru 19.1x1.6<br>- Oznaka proizvođača Monticelli: 2019<br>- Eckverbinder für Kammer 19.1x1.6<br>- Hersteller Code Monticelli: 2019 | Al. | |
| **730.001** |  | - Kutna spojnica za komoru 4.8x2<br>(Stara oznaka: G112, 0365)<br>- Za profile krila prozora<br>- Eckverbinder für Kammer 4.7x1.7<br>(ehemaliger Code: G112, 0365)<br>- für Fensterflügelprofile | Inox | |
| **730.002** |  | - Kutna spojnica za komoru 4.8x2<br>(Stara oznaka: G112/A)<br>- Za profile rama prozora<br>- Eckverbinder für Kammer 4.8x2<br>(ehemaliger Code: G112/A)<br>- für Fensterblendrahmenprofile | Inox | |
| **710.066** |  | - Veznik, L=14.7<br>(Stara oznaka: E-200)<br>- T-Verbinder, L=14.7<br>(ehemaliger Code: E-200) | Al. | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **710.412** |  | - Dodatni veznik L=51<br>- Zusatzverbinder L=51 | Al. | |
| **710.513** |  | - Dodatni veznik L=25<br>- Zusatzverbinder L=25 | Al. | |
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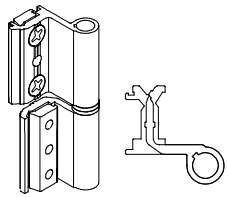
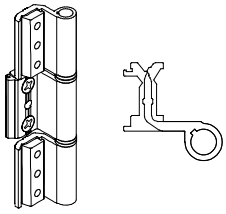
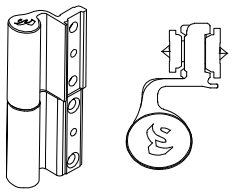
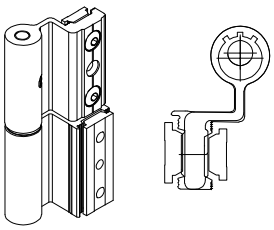
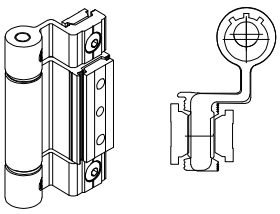
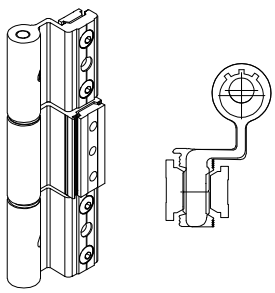
# PVC elementi
## Kunststoffelemente

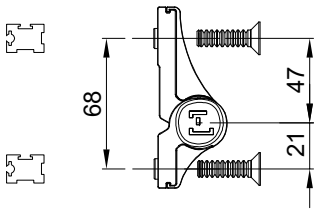
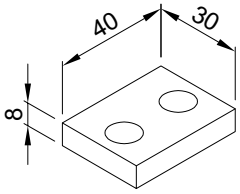
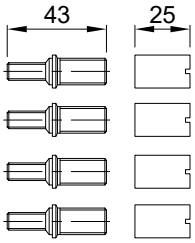
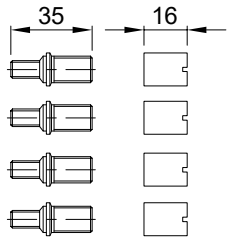
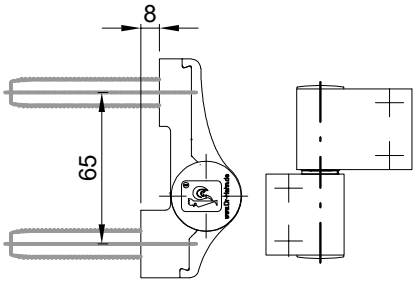
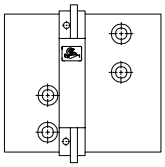
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **370.070.01<br>03** |  | - Maska s klapnom za drenažni otvor<br>- Oznaka proizvođača Master:<br>A2145R9010 - bijela,<br>A2145 - crna<br>- Boje: 01- bijela; 03- crna<br>- Entwässerungskappe mit einer Klappe<br>- Hersteller Code Master:<br>A2145R9010 - Weiß<br>A2145 - Schwarz<br>- Farbe: 01- Weiß; 03- Schwarz | PVC<br>Kunststoff | |
| **373.003.01<br>02<br>03** |  | - Maska za drenažni otvor<br>- Boje: 01- bijela; 02-siva; 03- crna<br>(Stara oznaka: 2328)<br>- Entwässerungskappe<br>- Farbe: 01- Weiß; 02- Grau; 03- Schwarz<br>(ehemaliger Code: 2328) | PVC<br>Kunststoff | |
| **373.002** |  | - Umetak za profil okapnice Z40-657<br>- Endstück für Wetterschenkel Z40-657 | PVC<br>Kunststoff | Par<br>Paar |
| **373.055** |  | - Umetak za profil okapnice F-1567<br>- Endstück für Wetterschenkel F-1567 | PVC<br>Kunststoff | Par<br>Paar |
| **373.079** |  | - Umetak za profil okapnice F-1842<br>- Endstück für Wetterschenkel F-1842 | Tvrda guma<br>Hard rubber | Par<br>Paar |
| **363.063** |  | - Umetak za profil kombatute FT-1230 -<br>otvaranje unutra<br>- Stulpdichtung FT-1230-<br>einwärts öffnend | Tvrda guma<br>Hartgummi | Par<br>Paar |

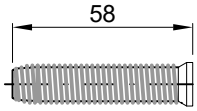
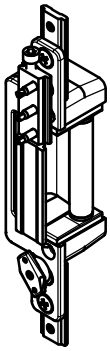
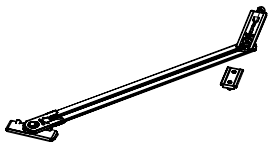
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **363.064** |  | - Umetak za profil praga FT-1231<br>- Einsatz für Schwellenprofil FT-1231 | PVC<br>Kunststoff | Par<br>Paar |
| **370.000**<br>**370.001**<br>**370.002**<br>**370.053** |  | - Podmetači za staklo<br>- Verglasungsklötze<br><br>3 mm 370.000 (L x H=18 x 27 mm)<br>5 mm 370.001 (L x H=18 x 27 mm)<br>7 mm 370.002 (L x H=18 x 27 mm)<br><br>4 mm 377.017 (L x H=50x100 mm)<br>Oznaka proizvođača GU: 9-37476-54-0-0<br>Hersteller Code GU: 9-37476-54-0-0 | PVC<br>Kunststoff | |
| **374.101** |  | - PVC podmetač za staklo<br>- Za profile krila<br>- Kunststoff-Verglasungsklotz<br>- für Flügelprofile | PVC<br>Kunststoff | |
| **374.102** |  | - PVC podmetač za staklo<br>- Za profile rama i prečka<br>- Kunststoff-Verglasungsklotz<br>- für Blendrahmenprofile und Riegel/Pfostenprofile | PVC<br>Kunststoff | |
| **375.048** |  | - Kopča za profil<br>- Kunststoffhalter | PVC<br>Kunststoff | |
| **370.023** |  | - Čep za maskiranje rupe Ø10 mm<br>- Verschlußkappe für Loch Ø10 mm | PVC<br>Kunststoff | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **370.024** |  | - Čep za maskiranje rupe Ø12 mm<br>- Verschlußkappe für Loch Ø12 mm | PVC<br>Kunststoff | |
| **373.054** |  | - Gornji čep okomice francuskog balkona<br>- obere Endkappe des Pfostens für französischen Balkon | PVC<br>Kunststoff | |
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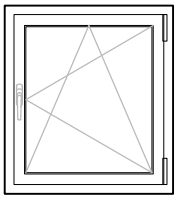
# Mehanizmi
## Beschläge

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **111.001.01**<br>**02**<br>**03** |  | - Dvodijelna šarka EURO ŽLIJEB<br>- Stara oznaka: E-100<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band EURONUT<br>- Ehemaliger Code: E-100<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **111.002.01**<br>**02**<br>**03** |  | - Trodijelna šarka *EURO ŽLIJEB*<br>- Stara oznaka: E-120<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- dreiteiliges Band *EURONUT*<br>- Ehemaliger Code: E-120<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **114.001.01**<br>**02**<br>**03** |  | - Dvodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2006.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band-*EURONUT*<br>- Hersteller Code Stublina: 2006.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **114.004.01**<br>**02**<br>**03** |  | - Dvodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2024.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band-*EURONUT*<br>- Hersteller Code Stublina: 2024.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **114.005.01**<br>**02**<br>**03** |  | - Trodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2129.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- dreiteiliges Band-*EURONUT*<br>- Hersteller Code Stublina: 2129.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **114.006.01**<br>**02**<br>**03** |  | - Trodijelna šarka-*EURO ŽLIJEB*<br>- Oznaka proizvođača Stublina: 2124.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- dreiteiliges Band-*EURONUT*<br>- Hersteller Code Stublina: 2124.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |

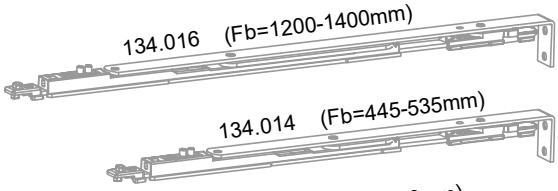
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **113.009.01<br>02<br>03** |  | - Dvodijelna šarka OSNO 68 (Max3D 68)<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band Achsabstand 68 (Max3D 68)<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | Al.<br>Čelik<br>Stahl | |
| **113.016.01<br>02<br>03** |  | - Podložna pločica d=8mm<br>- Oznaka proizvođača ALU-B: 02108<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Unterlegplatte d=8mm (ALU-B)<br>- Hersteller Code ALU-B: 02108<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | Al. | |
| **113.012** |  | - Set za TERMO 65<br>- Set za dvodijelnu šarku (Max3D xx)<br>- Set für TERMO 65<br>- Set für zweiteiliges Band(Max3D xx) | | |
| **113.013** |  | - Set za TERMO 50<br>- Set za dvodijelnu šarku (Max3D xx)<br>- Set für TERMO 50<br>- Set für zweiteiliges Band (Max3D xx) | | |
| **112.021.01<br>.10** |  | - Dvodijelna šarka OSNO 65 s preklopom 8 (Türband 4 AT - bez anker vijaka)<br>- Oznaka proizvođača Dr. Hahn:<br>M901G1420 - bijela, bijeli čepovi:<br>M90111420 - EV1, crni čepovi<br>- Boje: 01-bijela, bijeli PVC dijelovi, 10-EV1, crni PVC dijelovi<br>- zweiteiliges Band Achsabstand 65 mit Überlappung 8 (Türband 4 AT - ohne Ankerschrauben)<br>- Hersteller Code Dr. Hahn:<br>M901G1420 - Weiß, weiße Kunststoffteile<br>M90111420 - EV1, schwarze Kunststoffteile<br>- Farbe: 01-Weiß, weiße Kunststoffteile,<br>10-EV1, schwarze Kunststoffteile | Al. | |
| **112.022** |  | - Šablon za dvodijelnu šarku OSNO 65 s preklopom 8 (Türband 4 AT)<br>- Oznaka proizvođača Dr. Hahn: T101A0008<br>- Bohrlehren für zweiteiliges Band Achsabstand 65 - mit Überlappung 8 (Türband 4 AT)<br>- Hersteller Code Dr. Hahn: T101A0008 | | |

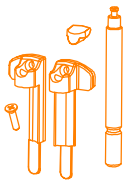
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **112.023** |  | - Anker vijak 58 mm<br>(Türband 4 AT - 4 vijka u vrećici)<br>- Oznaka proizvođača Dr. Hahn: VP02A0016<br>- Ankerschraube 58 mm<br>(Türband 4 AT - 4 Ankerschrauben)<br>- Hersteller Code Dr. Hahn: VP02A0016 | Čelik<br>Stahl | |
| **115.019** |  | - Skrivena šarka za vrata - otvaranje unutra<br>(profili s eurožlijebom)<br>- Oznaka proizvođača Giesse: 00725<br>- verdecktes Türband- einwarts offnend<br>(profile mit Euronut)<br>- Hersteller Code Giesse: 00725 | | |
| **135.023** |  | - Graničnik otvaranja krila, za L>500, od 25°do 120°<br>- Oznaka proizvođača Giesse: 02030000<br>- Öffnungsbegrenzungsarm,<br>für L>500, von 25° bis 120°<br>- Hersteller Code Giesse: 02030000 | | |
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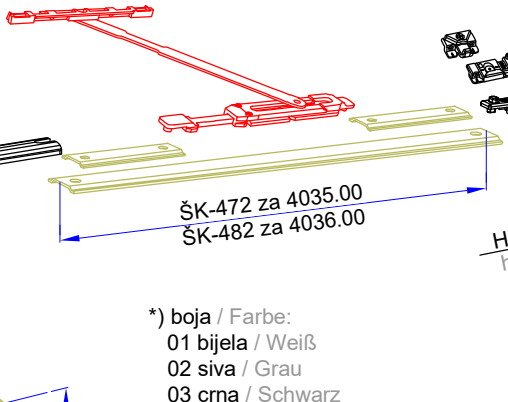
# OTKLOPNO-ZAOKRETNI MEHANIZAM - STUBLINA (art.4135.00)
DREH-KIPP BESCHLAG - STUBLINA (art.4135.00)

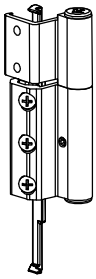


Nosivost max. 100 Kg / 130 Kg
max. Flügelgewicht 100 Kg / 130 Kg
Fb= Širina krila /Flügelbreite

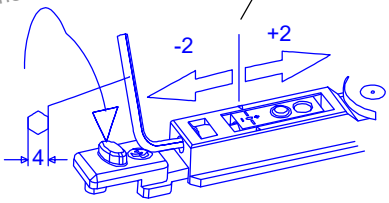


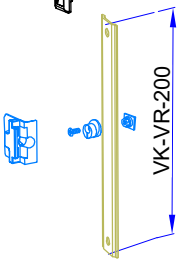


Horizontalno podešavanje krila
horizontale Flügeleinstellung




*) boja / Farbe:
01 bijela / Weiß
02 siva / Grau
03 crna / Schwarz

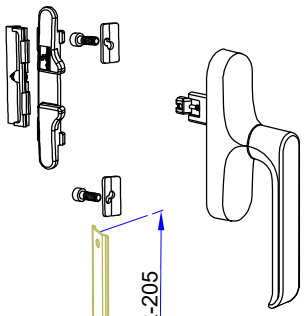



**Osnovni okov:**
**Grundbeschlag:**

134.026 — osnovni set: pogonski mehanizam sa ravnom ručkom, škarama (134.015) i šarkama. *)
Grundset: Beschlag mit flachem Griff, Schere (134.015) und Bänder

134.014
134.016 — škare 134.014 / 134.016 **)
Schere 134.014 / 134.016

**) Napomena / Anmerkung:
- Škare 134.015 (za širinu krila Fb=535-1200 mm) se nalaze u osnovnom setu 134.026.
Škare 134.014 (Fb=445-535 mm) su u setu 134.030, a škare 134.016 (Fb=1200-1400 mm) su u setu 134.031.
- Die Schere 134.015 (für Flügelbreite Fb=535-1200mm) ist im Grundset enthalten (134.026).
- Die Schere 134.014 (Fb=445-535 mm) ist in Set 134.030, und Schere 134.016 (Fb=1200-1400 mm) ist in Set 134.031.




**Dodatni okov:**
**Zusätzlicher Beschlag:**

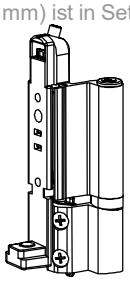
134.002 — dodatni set ključanja po širini i visini
Zusatzset für Breiten- und Höhenverriegelung

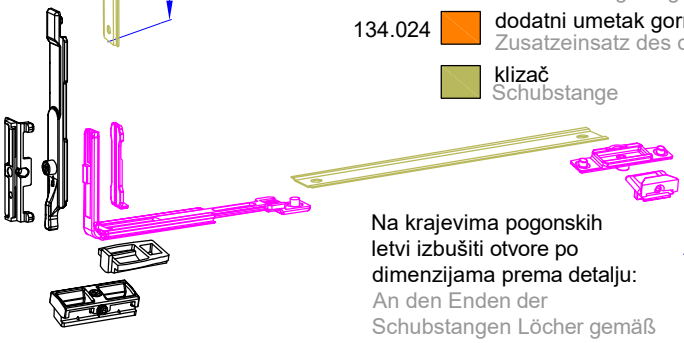
134.003 — dodatne škare za širinu krila 1200-1600 mm
Zusatzschere für großere Flügelbreite

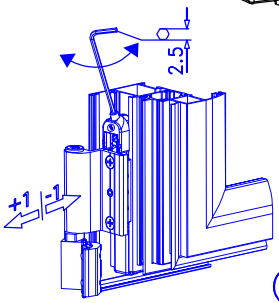
134.004
134.005 — dodatno ključanje
Zusatzverriegelung

134.024 — dodatni umetak gornje šarke za nosivost do 130 kg
Zusatzeinsatz des oberen Band für Tragfähigkeit bis 130kg

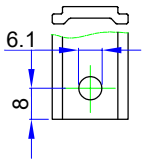
klizač
Schubstange

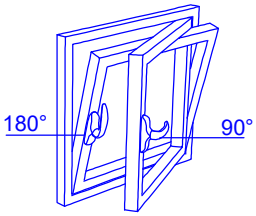




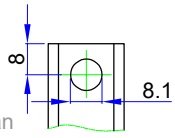


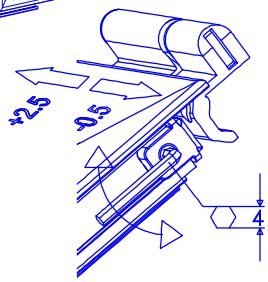

Na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju:
An den Enden der Schubstangen Löcher gemäß Abmessungen in der Skizze bohren:

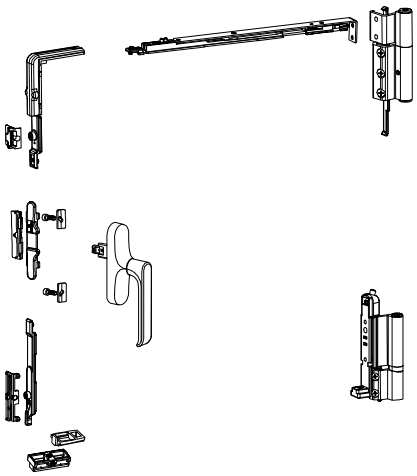
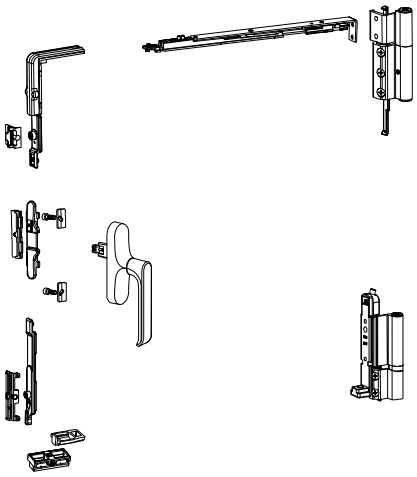
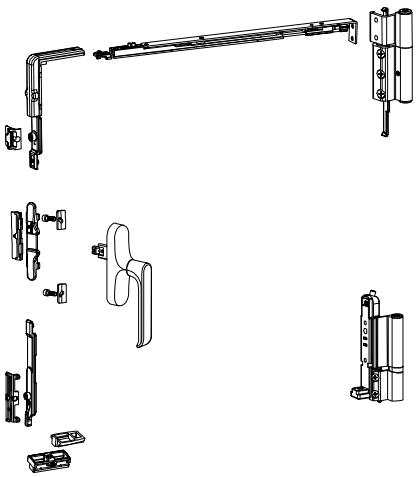


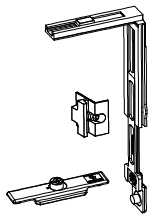
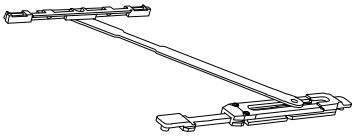
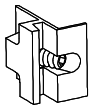
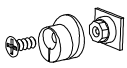
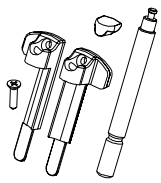




Ako se koriste adapteri na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju:
Bei Verwendung von Adaptern an den Enden der Schubstangen Bohrungen gemäß Abmessungen in der Skizze bohren:

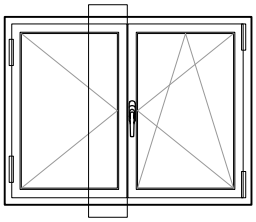


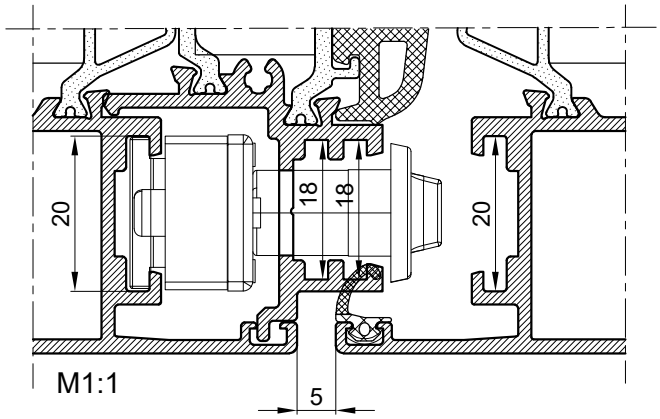



| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **134.026.01**<br>**02**<br>**03** |  | - Osnovni set: Otklopno-zaokretni mehanizam<br>- Oznaka proizvođača Stublina:<br>**4135.00.310** - bijela<br>**4135.00.315** - siva<br>**4135.00.313** - crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Škare (134.015) za širinu krila od **535-1200** mm (**ručka ravna**; donja šarka ima podešavanje u dvije osi)<br>- Grundset: Dreh-Kipp Beschlag<br>- Hersteller Code Stublina:<br>**4135.00.310** - Weiß<br>**4135.00.315** - Grau<br>**4135.00.313** - Schwarz<br>- Farbe: 01- Weiß; 02- Grau; 03 - Schwarz<br>- Schere (134.015) für Flügelbreite von **535** bis **1200** mm. (**flacher Griff;** das untere Band ist zweiachsig verstellbar) | | |
| **134.030.01**<br>**02**<br>**03** |  | - Osnovni set: Otklopno-zaokretni mehanizam<br>- Oznaka proizvođača Stublina:<br>**4136.00.310** - bijela<br>**4136.00.315** - siva<br>**4136.00.313** - crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Škare (134.014) za širinu krila **445-535** mm (**ručka ravna**; donja šarka ima podešavanje u dvije osi)<br>- Grundset Dreh-Kipp Beschlag<br>- Hersteller Code Stublina:<br>**4136.00.310** - Weiß<br>**4136.00.315** - Grau<br>**4136.00.313** - Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz<br>- Schere (134.014) für Flügelbreite von **445** bis **535** mm. (**flacher Griff ;** das untere Band ist zweiachsig verstellbar) | | |
| **134.031.01**<br>**02**<br>**03** |  | - Osnovni set: Otklopno-zaokretni mehanizam<br>- Oznaka proizvođača Stublina:<br>**4137.00.310** - bijela<br>**4137.00.315** - siva<br>**4137.00.313** - crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Škare (134.016) za širinu krila **1200-1400** mm (**ručka ravna**; donja šarka ima podešavanje u dvije osi)<br>- Grundset Dreh-Kipp Beschlag<br>- Hersteller Code Stublina:<br>**4137.00.310** - Weiß<br>**4137.00.315** - Grau<br>**4137.00.313** - Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz<br>- Schere (134.016) für Flügelbreite von **1200** bis **1400** mm. (**flacher Griff ;** das untere Band ist zweiachsig verstellbar) | | |

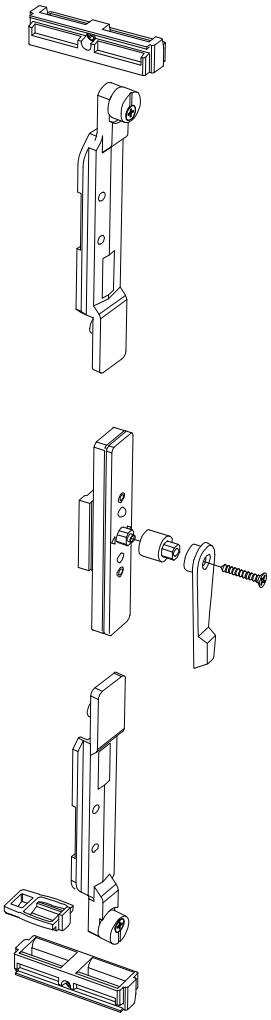
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **134.002** |  | - Dodatni set ključanja po širini i visini<br>- Oznaka proizvođača Stublina: 4010.40<br>- Zusatzset für Breiten- und Höhenverriegelung<br>- Hersteller Code Stublina: 4010.40 | AlSi<br>Zamak | |
| **134.003** |  | - Dodatne škare za širinu krila 1200-1600 mm<br>- Oznaka proizvođača Stublina: 4010.50<br>- Zusatzschere für Flügelbreite 1200-1600 mm<br>- Hersteller Code Stublina: 4010.50 | | |
| **134.004** |  | - Dodatno ključanje - prihvatnik zapinjača<br>- Oznaka proizvođača Stublina: 4010.03<br>- Zusatzverriegelung - Schließteil<br>- Hersteller Code Stublina: 4010.03 | | |
| **134.005** |  | - Dodatno ključanje - zapinjač<br>- Oznaka proizvođača Stublina: 4010.27<br>- Zusatzverriegelung - Schließzapfen<br>- Hersteller Code Stublina: 4010.27 | | |
| **134.024** |  | - Dodatni umetak gornje šarke<br>za nosivost do 130 kg<br>- Oznaka proizvođača Stublina: 4018.30.50U<br>- Zusatzeinsatz des oberen Band für<br>Tragfähigkeit bis 130 kg<br>- Hersteller Code Stublina: 4018.30.50U | | |
| | | | | |

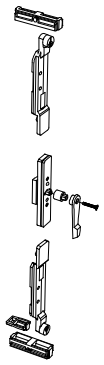
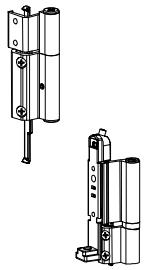
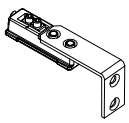
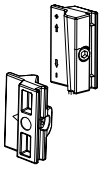
## OKOV ZA FIKSIRANJE POMOĆNOG KRILA - STUBLINA
STULPFLÜGELBESCHLAG - STUBLINA



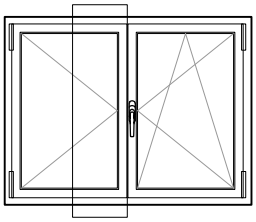


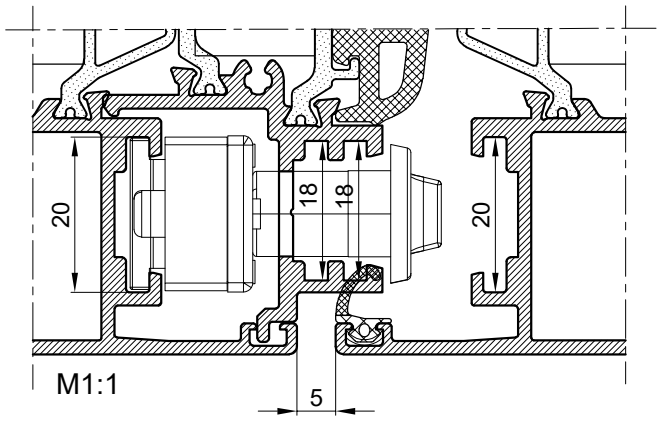

- **134.017** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Stublina: 4005.00
- **134.017** Stulpflügelbeschlag- 2-fach Verriegelung (Montage des Beschlags in den Flügel)
- Hersteller Code Stublina: 4005.00



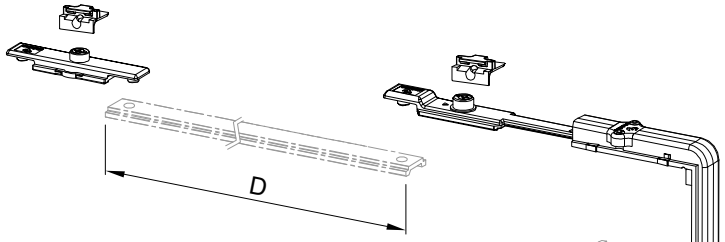
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **134.017** |  | - Okov za fiksiranje pomoćnog krila<br>u dvije točke (montiranje okova u krilo)<br>- Oznaka proizvođača Stublina: 4005.00<br>- Stulpflügelbeschlag- 2-fach Verriegelung Flügel)<br>- Hersteller Code Stublina: 4005.00 | | |
| **134.037.01**<br>**02**<br>**03** |  | - Šarke nosivosti do 100 kg<br>- Donja šarka ima podešavanje u dvije osi<br>- Oznaka proizvođača Stublina: 4035.30.310 -bijela<br>4035.30.315 -siva<br>4035.30.313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Bänder für Flügelgewicht bis max. 100 kg<br>- Unteres Band ist zweiachsig verstellbar<br>- Hersteller Code Stublina: 4035.30.310 - Weiß<br>4035.30.315 - Grau<br>4035.30.313 - Schwarz<br>- Farbe: 01- Weiß; 02- Grau; 03 - Schwarz | | |
| | + | | | |
| **134.038** |  | - Dodatni element za šarke 4035.30.xxx - (samo za gornju šarku)<br>- Oznaka proizvođača Stublina: 4047.00<br>- Zusatzelement für die Bänder 4035.30.xxx - (nur für das obere Band)<br>- Hersteller Code Stublina: 4047.00 | | |
| **134.023** |  | - Dodatno (pasivno) ključanje<br>- Oznaka proizvođača Stublina: 4045.00<br>- Zusatzverriegelung (passiv)<br>- Hersteller Code Stublina: 4045.00 | | |
| | | | | |
| | | | | |

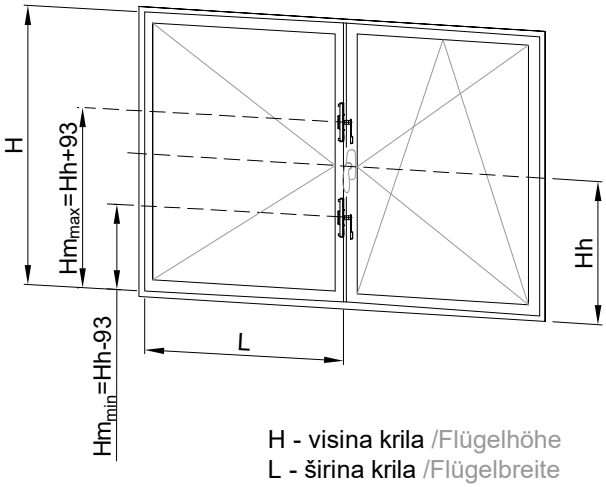
## OKOV ZA FIKSIRANJE POMOĆNOG KRILA - STUBLINA
STULPFLÜGELBESCHLAG - STUBLINA

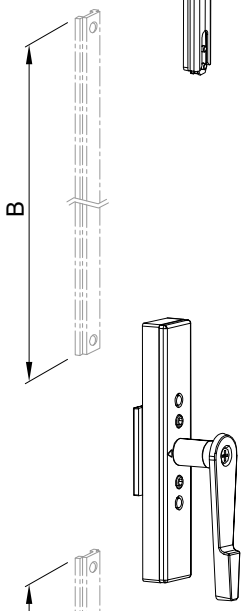




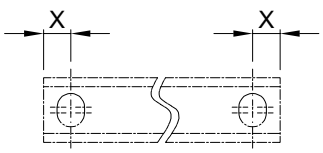

- **134.036** Okov za fiksiranje pomoćnog krila u više točaka (montiranje okova u krilo)
- Oznaka proizvođača Stublina: 4005.40
- **134.036** Stulpflügelbeschlag- Mehrfachverriegelung (Montage des Beschlags in den Flügel)
- Hersteller Code Stublina: 4005.40



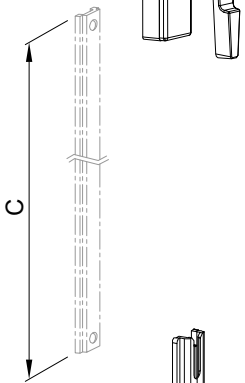



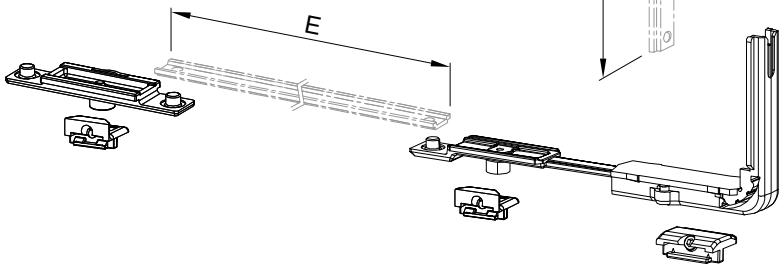

H - visina krila /Flügelhöhe
L - širina krila /Flügelbreite
Hm - položaj pogonskog mehanizma
Getriebeposition
Hh - položaj pogonske ručke
Griffposition

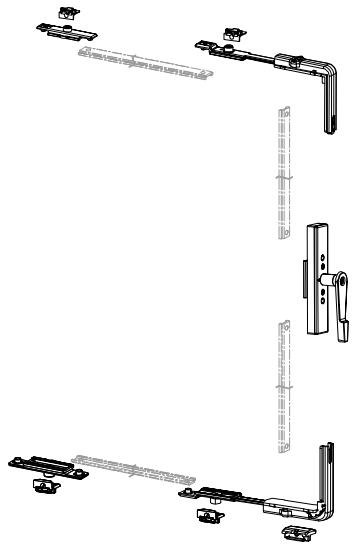
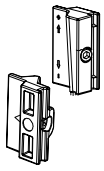
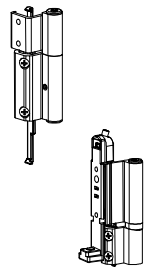
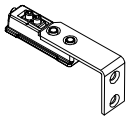
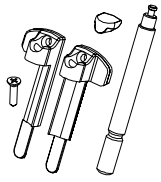



| X |
|---|
| 8 |
| 10 |

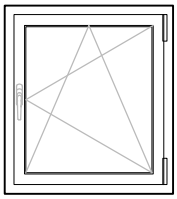



C=Hm-110+2X
B=H-Hm-110+2X
D=L/2-192+2X
E=L/2-192+2X

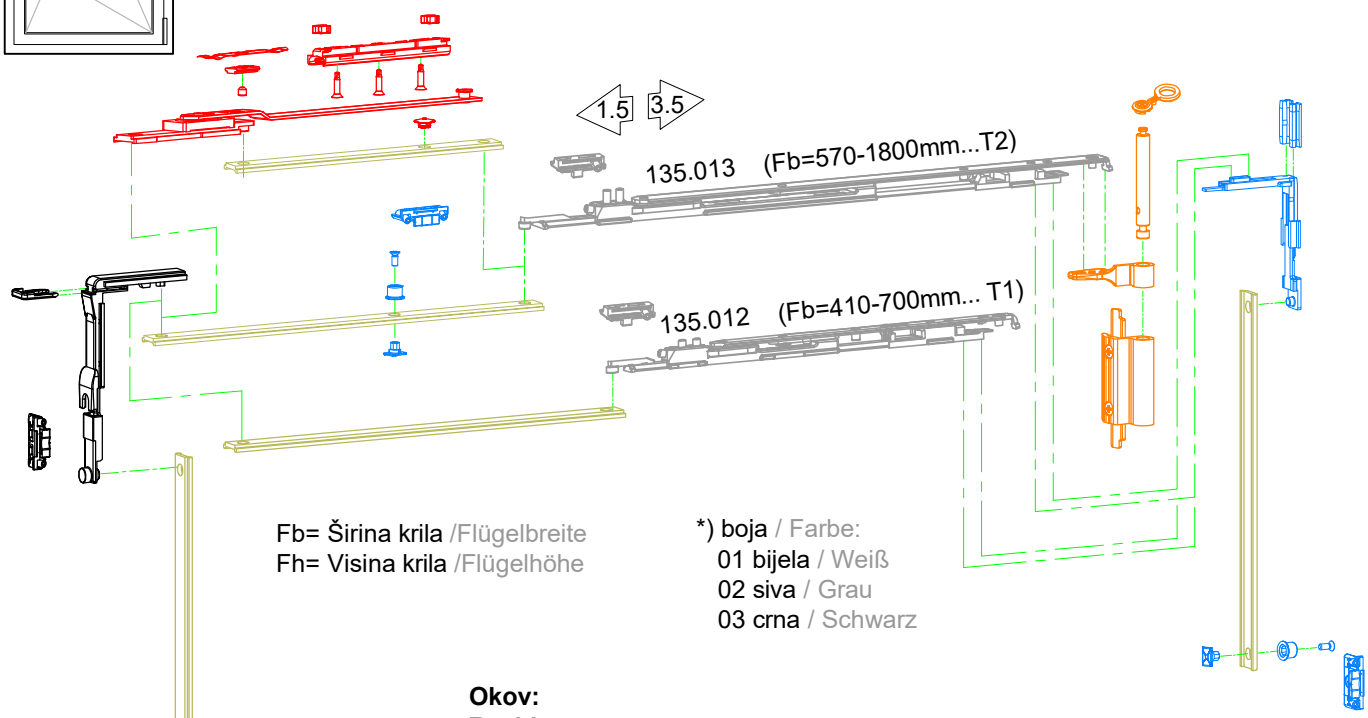


| FEAL Oznaka Code | Izgled-presjek Aussehen-Querschnitt | Opis Beschreibung | Materijal Material | Napomena Anmerkung |
|---|---|---|---|---|
| **134.036** |  | - Okov za fiksiranje pomoćnog krila u više točaka (montiranje okova u krilo)<br>- Oznaka proizvođača Stublina: 4005.40<br>- Stulpflügelbeschlag -Mehrfachverriegelung (Montage des Beschlags in den Flügel)<br>- Hersteller Code Stublina: 4005.40 | | |
| **134.023** |  | - Dodatno (pasivno) ključanje<br>- Oznaka proizvođača Stublina: 4045.00<br>- Zusatzverriegelung (passiv)<br>- Hersteller Code Stublina: 4045.00 | | |
| **134.037.01**<br>**02**<br>**03** |  | - Šarke nosivosti do 100 kg<br>- Donja šarka ima podešavanje u dvije osi<br>- Oznaka proizvođača Stublina: 4035.30.310 -bijela<br>4035.30.315 -siva<br>4035.30.313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Bänder für Flügelgewicht bis max. 100 kg<br>- Unteres Band ist zweiachsig verstellbar<br>- Hersteller Code Stublina: 4035.30.310 - Weiß<br>4035.30.315 - Grau<br>4035.30.313 - Schwarz<br>- Farbe: 01- Weiß; 02- Grau; 03 - Schwarz | | |
| **134.038** |  | - Dodatni element (škare za okretno otvaranje) za šarke 4035.30.xxx - (samo za gornju šarku)<br>- Oznaka proizvođača Stublina: 4047.00<br>- Zusatzelement (Schere für Drehflügel) für die Bänder 4035.30.xxx - (nur für das obere Band)<br>- Hersteller Code Stublina: 4047.00 | | |
| **134.024** |  | - Dodatni umetak gornje šarke za nosivost do 130 kg<br>- Oznaka proizvođača Stublina: 4018.30.50U<br>- Zusatzeinsatz des oberen Bands für Tragfähigkeit bis 130 kg<br>- Hersteller Code Stublina: 4018.30.50U | | |

# OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE FUTURA 3D (130 micro) STANDARD
DREH-KIPP BESCHLAG - GIESSE FUTURA 3D (130 micro) STANDARD



Nosivost max. 140 Kg (FUTURA 3D 130 micro)
max. Flügelgewicht 140 Kg (FUTURA 3D 130 micro)

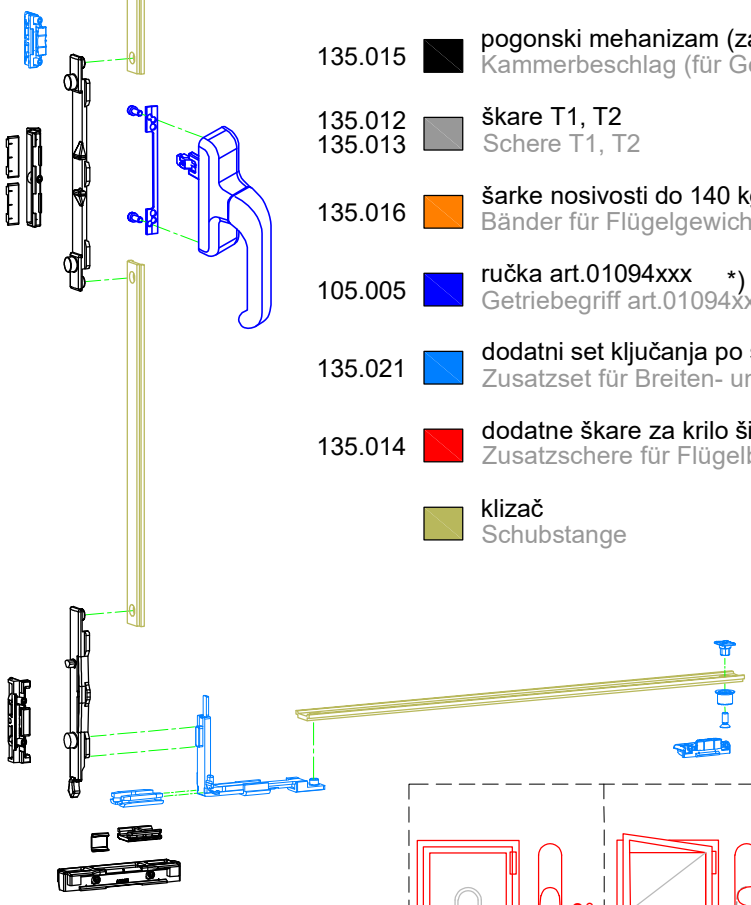


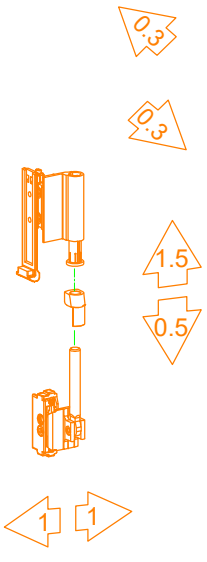

Fb= Širina krila /Flügelbreite
Fh= Visina krila /Flügelhöhe

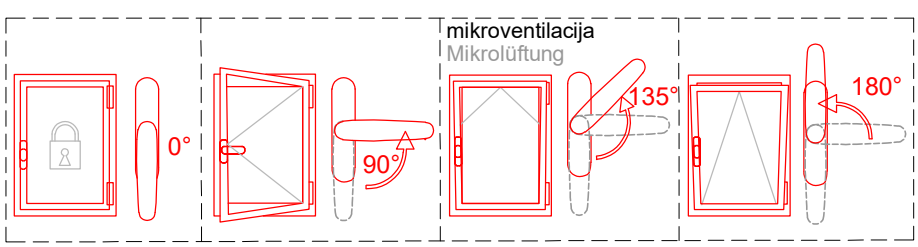
*) boja / Farbe:
01 bijela / Weiß
02 siva / Grau
03 crna / Schwarz

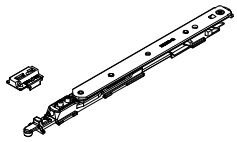
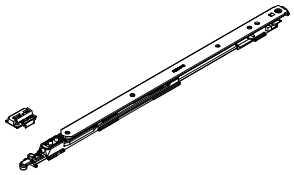
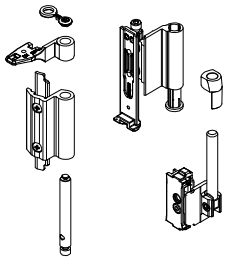
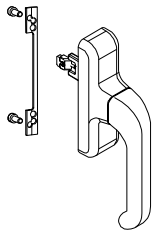
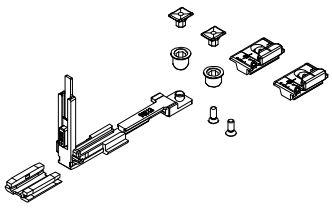
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**Beshlag:**

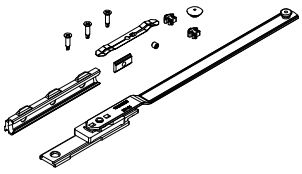
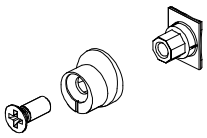
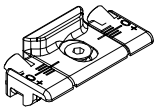
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|---|---|---|
| 135.015 | | pogonski mehanizam (za ručku art.01094xxx)<br>Kammerbeschlag (für Getriebegriff art.01094xxx) |
| 135.012<br>135.013 | | škare T1, T2<br>Schere T1, T2 |
| 135.016 | | šarke nosivosti do 140 kg, *)<br>Bänder für Flügelgewicht bis max. 140 kg |
| 105.005 | | ručka art.01094xxx *)<br>Getriebegriff art.01094xxx |
| 135.021 | | dodatni set ključanja po širini i visini<br>Zusatzset für Breiten- und Höhenverriegelung |
| 135.014 | | dodatne škare za krilo šire od 1000 mm<br>Zusatzschere für Flügelbreite über 1000 mm |
| | | klizač<br>Schubstange |



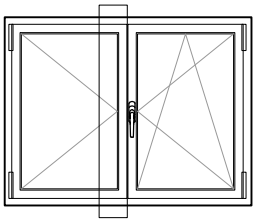


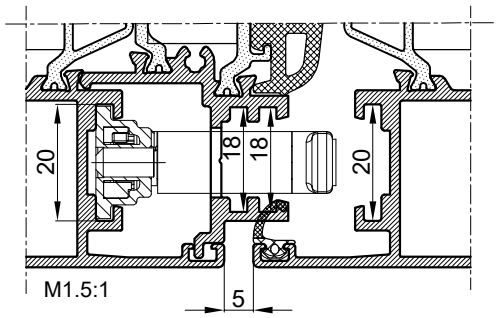



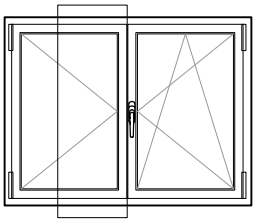
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **135.015** |  | - Pogonski mehanizam za FUTURA 3D<br>130 micro mehanizam (...ručka 01094xxx )<br>- Oznaka proizvođača Giesse: 04704000<br>- Kammerbeschlag für FUTURA 3D<br>130 micro Beschlag (... Griff 01094xxx)<br>- Hersteller Code Giesse: 04704000 | | |
| **135.012** |  | - Škare T1<br>za širinu krila 410 - 700 mm<br>- Oznaka proizvođača Giesse: 04284000<br>- Schere T1<br>für Flügelbreite 410 - 700 mm<br>- Hersteller Code Giesse: 04284000 | | |
| **135.013** |  | - Škare T2<br>za širinu krila 570 - 1800 mm<br>- Oznaka proizvođača Giesse: 04285000<br>- Schere T2<br>für Flügelbreite 570 - 1800 mm<br>- Hersteller Code Giesse: 04285000 | | |
| **135.016.01**<br>**02**<br>**03** |  | - Šarke nosivosti do 140 kg<br>- Oznaka proizvođača Giesse: 04711410 - bijela<br>04711376 - siva<br>04711500 - crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Bänder für Flügelgewicht bis max. 140 kg<br>- Hersteller Code Giesse: 04711410 - Weiß<br>04711376 - Grau<br>04711500 - Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **105.005.01**<br>**02**<br>**03** |  | - Ručka; (LA 86/104mm), FUTURA 3D (130 micro)<br>- Oznaka proizvođača Giesse: 01094410 -bijela<br>01094376 -siva<br>01094500 -crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Griff;(LA 86/104mm), FUTURA 3D (130 micro)<br>- Hersteller Code Giesse: 01094410 -Weiß<br>01094376 -Grau<br>01094500 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau; 03 - Schwarz | | |
| **135.021** |  | - Dodatni set ključanja po širini i visini<br>za krilo dimenzija L>1000 mm i H>1200mm<br>- Oznaka proizvođača Giesse: 04770000<br>- zusätzliches Verriegelungset für Breiten- und<br>Höhenverriegelung für Flügelabmessungen<br>L>1000 mm und H>1200 mm<br>- Hersteller Code Giesse: 04770000 | | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **135.014** |  | - Dodatne škare za krilo šire od 1000 mm<br>- Oznaka proizvođača Giesse: 04301000<br>- Zusatzschere für Flügelbreite über 1000 mm<br>- Hersteller Code Giesse: 04301000 | | |
| **135.029** |  | - Dodatno ključanje - zapinjač<br>- Oznaka proizvođača Giesse: 04030000<br>- Zusatzverriegelung - Schließzapfen<br>- Hersteller Code Giesse: 04030000 | | |
| **143.042** |  | - Dodatno ključanje - prihvatnik zapinjača<br>- Oznaka proizvođača Giesse: 01347000<br>- Zusatzverriegelung - Schließteil<br>- Hersteller Code Giesse: 01347000 | | |
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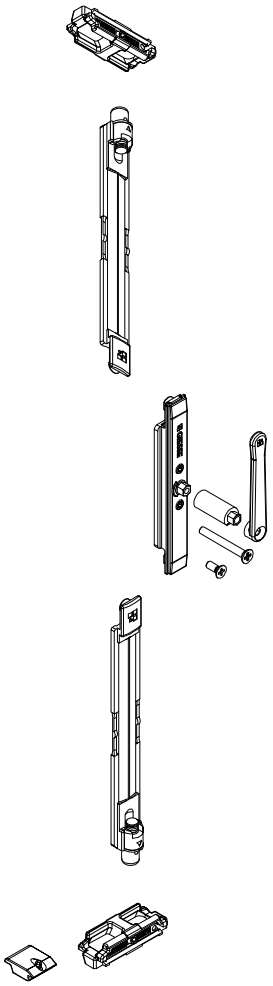
## OKOV ZA FIKSIRANJE POMOĆNOG KRILA - GIESSE
STULPFLÜGELBESCHLAG - GIESSE



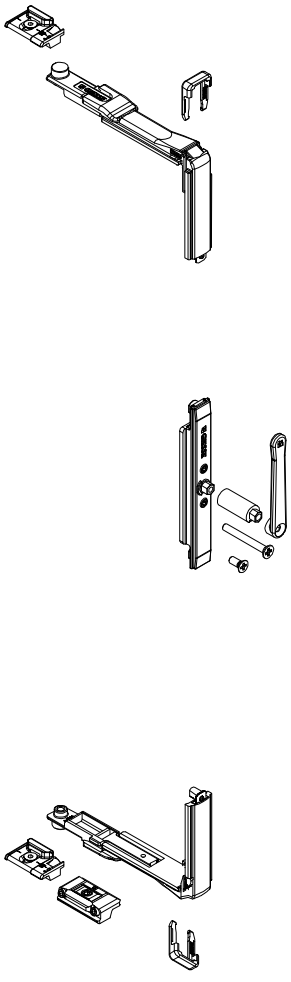


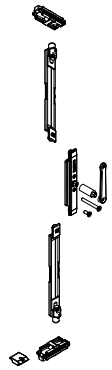
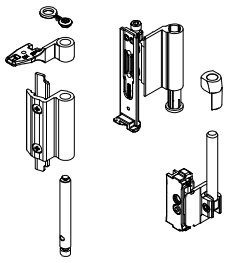
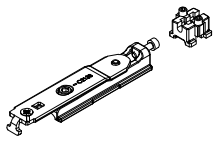
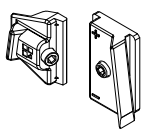



- **143.047** Okov za fiksiranje pomoćnog krila u dvije točke (montiranje okova u krilo)
- Oznaka proizvođača Giesse: 02178000
- **143.047** Stulpflügelbeschlag- 2-fach Verriegelung (Montage des Beschlags in den Flügel)
- Hersteller Code Giesse: 02178000

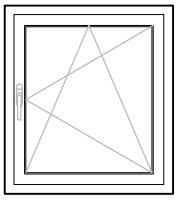


- **143.048** Okov za fiksiranje pomoćnog krila u više točaka; (montiranje okova u krilo)
- Oznaka proizvođača Giesse: 02179000
- **143.048** Stulpflügelbeschlag- Mehrfachverriegelung - (Montage des Beschlags in den Flügel)
- Hersteller Code Giesse: 02179000

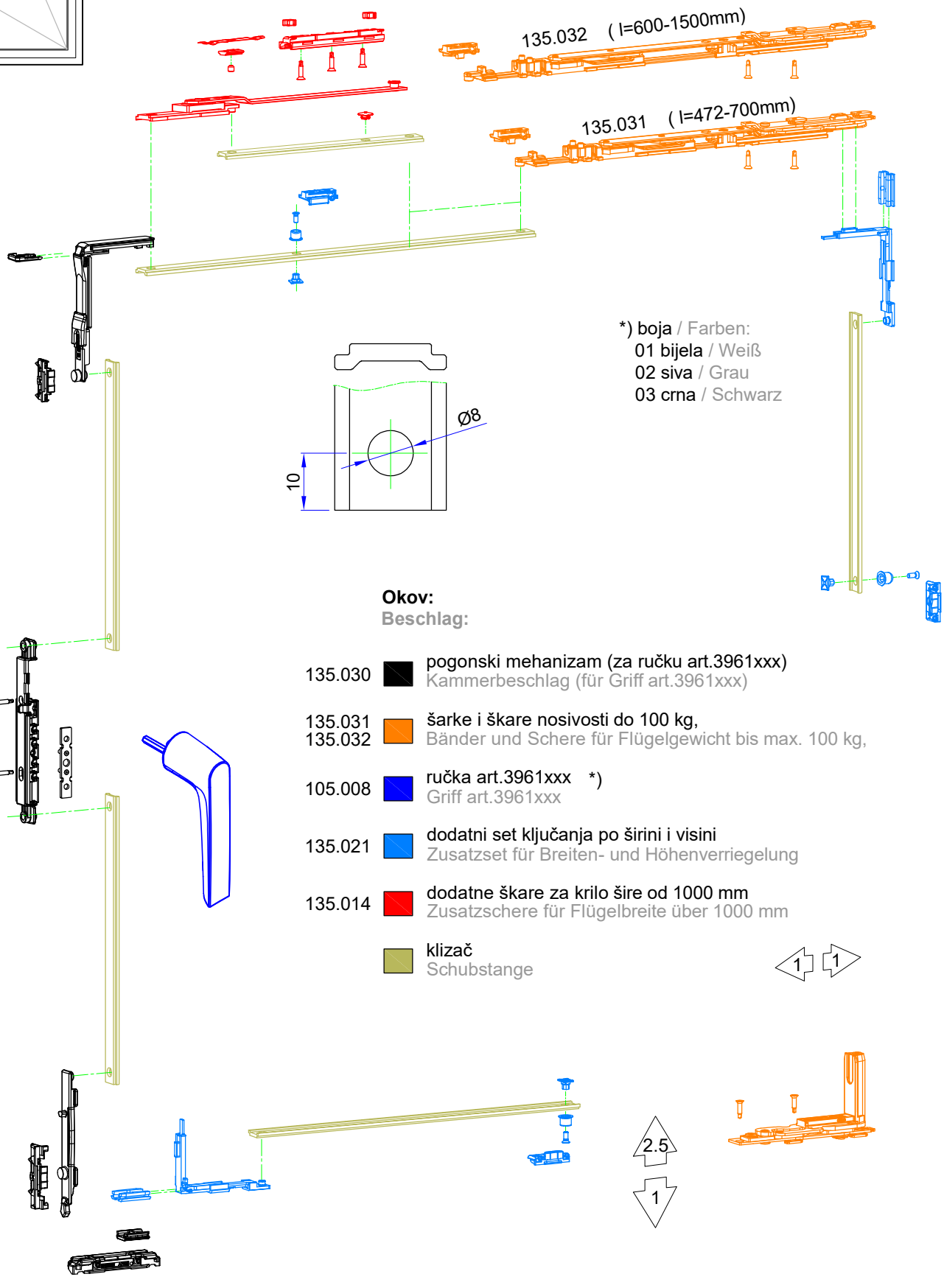


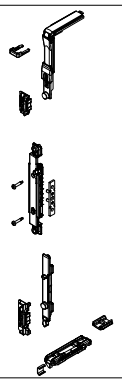
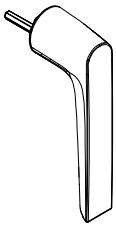
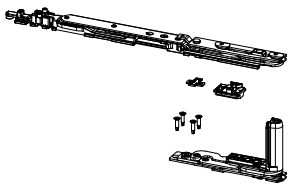
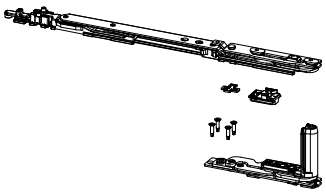
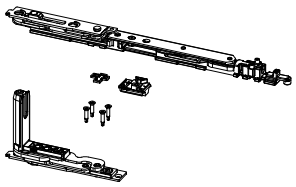
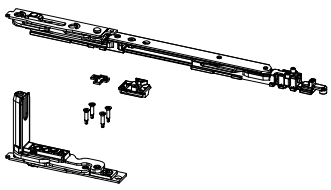
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **143.047** |  | - Okov za fiksiranje pomoćnog krila<br>u dvije točke (montiranje okova u krilo)<br>- Oznaka proizvođača Giesse: 02178000<br>- Stulpflügelbeschlag- 2-fach Verriegelung<br>(Beschlag in dem Flügel)<br>- Hersteller Code Giesse: 02178000 | | |
| **143.048** |  | - Okov za fiksiranje pomoćnog krila<br>u više točaka (montiranje okova u krilo)<br>- Oznaka proizvođača Giesse: 02179000<br>- Stulpflügelbeschlag- Mehrfachverriegelung<br>(Beschlag in dem Flügel)<br>- Hersteller Code Giesse: 02179000 | | |
| **135.016.01**<br>**02**<br>**03** |  | - Šarke nosivosti do 140 kg<br>- Oznaka proizvođača Giesse: 04711410 - bijela<br>04711376 - siva<br>04711500 - crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Bänder für Flügelgewicht bis max. 140 kg<br>- Hersteller Code Giesse: 04711410 - Weiß<br>04711376 - Grau<br>04711500 - Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| | + | | | |
| **135.041** |  | - Dodatni element za šarke 04711xxx<br>(samo za gornju šarku)<br>- Oznaka proizvođača Giesse: 04728000<br>- Zusatzelement für Bänder 04711xxx<br>(nur für oberes Band)<br>- Hersteller Code Giesse: 04728000 | | |
| **143.045** |  | - Dodatno (pasivno) ključanje<br>- Oznaka proizvođača Giesse: 01350K<br>- Zusatzverriegelung (passiv)<br>- Hersteller Code Giesse: 01350K | | |

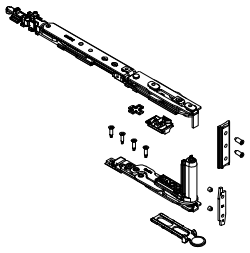
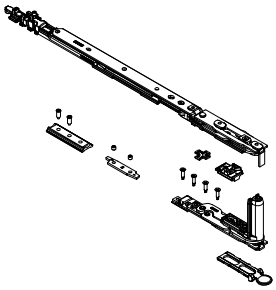
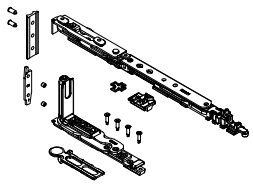
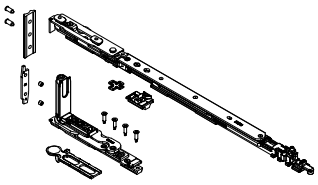
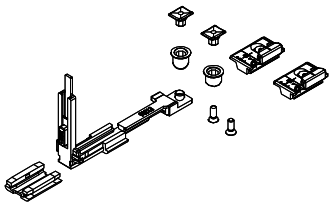
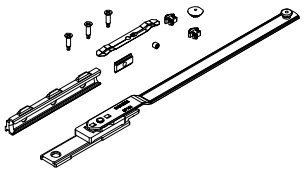
SKRIVENI OTKLOPNO-ZAOKRETNI MEHANIZAM - GIESSE CHIC 3D 100 STANDARD
VERDECKTER DREH-KIPP BESCHLAG - GIESSE CHIC 3D 100 STANDARD

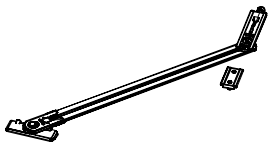
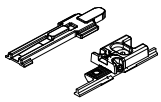
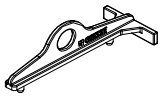
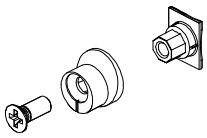
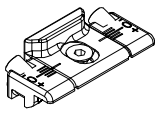
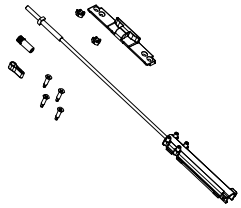


Nosivost max. 100 Kg (CHIC 3D 100) / 150 Kg (CHIC 3D 150)
max. Flügelgewicht 100 Kg (CHIC 3D 100) / 150 Kg (CHIC 3D 150)

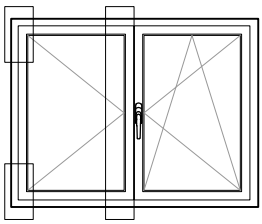


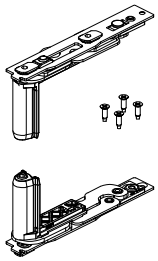
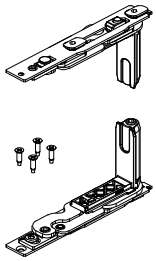
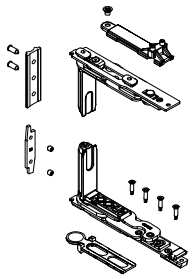
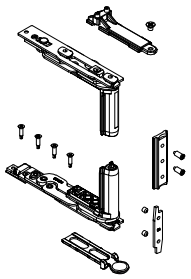
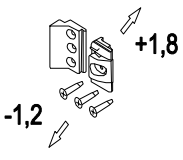
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **135.030** |  | - Pogonski mehanizam<br>za Ultra mehanizam (...ručka 03961xxx )<br>- Oznaka proizvođača Giesse: 0395200001<br>- Kammerbeschlag für Ultra Beschlag<br>(... Griff 03961xxx)<br>- Hersteller Code Giesse: 0395200001 | | |
| **105.008.01**<br>**02**<br>**03** |  | - Ručka bez rozete, za Ultra mehanizam<br>- Oznaka proizvođača Giesse: 03961410 -bijela<br>03961376 -siva<br>03961500 -crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Griff ohne Rosette,für Ultra Beschlag<br>- Hersteller Code Giesse: 03961410 -Weiß<br>03961376 -Grau<br>03961500 -Schwarz<br>- Farben: 01- Weiß; 02- Grau; 03 - Schwarz | | |
| **135.031** |  | - Šarka+škara T1, **desna** za krilo širine<br>472-700 mm<br>- Oznaka proizvođača Giesse: 043550001<br>- Otvaranje krila do 180°<br>- Za nosivost do **100 kg**<br>- Band+Schere T1,rechts für Flügelbreite<br>472-700 mm<br>- Hersteller Code Giesse: 043550001<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit **100 kg** | | |
| **135.032** |  | - Šarka+škara T2, **desna** za krilo širine<br>600-1500 mm<br>- Oznaka proizvođača Giesse: 043560001<br>- Otvaranje krila do 180°<br>- Za nosivost do **100 kg**<br>- Band+Schere T2, rechts für Flügelbreite<br>600-1500 mm<br>- Hersteller Code Giesse: 043560001<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit 100 kg | | |
| **135.033** |  | - Šarka+škara T1, **lijeva** za krilo širine<br>472-700 mm<br>- Oznaka proizvođača Giesse: 043550002<br>- Otvaranje krila do 180°<br>- Za nosivost do **100 kg**<br>- Band+Schere T1, links für Flügelbreite<br>472-700 mm<br>- Hersteller Code Giesse: 043550002<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit 100 kg | | |
| **135.034** |  | - Šarka+škara T2, **lijeva** za krilo širine<br>600-1500 mm<br>- Oznaka proizvođača Giesse: 043560002<br>- Otvaranje krila do 180°<br>- Za nosivost do **100 kg**<br>- Band+Schere T2, links für Flügelbreite<br>600-1500 mm<br>- Hersteller Code Giesse: 043560002<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit 100 kg | | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **135.043** |  | - Šarka+škara T1, **desna** za krilo širine 472-700 mm<br>- Oznaka proizvođača Giesse: 0436500011<br>- Otvaranje krila do 180°<br>- Za nosivost do **150 kg**<br>- Band+Schere T1, rechts für Flügelbreite 472-700 mm<br>- Hersteller Code Giesse: 0436500011<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit **150 kg** | | |
| **135.044** |  | - Šarka+škara T2, **desna** za krilo širine 600-1600 mm<br>- Oznaka proizvođača Giesse: 0436600011<br>- Otvaranje krila do 180°<br>- Za nosivost do **150 kg**<br>- Band+Schere T2, rechts für Flügelbreite 600-1600 mm<br>- Hersteller Code Giesse: 0436600011<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit **150 kg** | | |
| **135.045** |  | - Šarka+škara T1, **lijeva** za krilo širine 472-700 mm<br>- Oznaka proizvođača Giesse: 0436500021<br>- Otvaranje krila do 180°<br>- Za nosivost do **150 kg**<br>- Band+Schere T1, links für Flügelbreite 472-700 mm<br>- Hersteller Code Giesse: 0436500021<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit **150 kg** | | |
| **135.046** |  | - Šarka+škara T2, **lijeva** za krilo širine 600-1600 mm<br>- Oznaka proizvođača Giesse: 0436600021<br>- Otvaranje krila do 180°<br>- Za nosivost do **150 kg**<br>- Band+Schere T2, links für Flügelbreite 600-1600 mm<br>- Hersteller Code Giesse: 0436600021<br>- Öffnung des Flügels 180°<br>- Max. Tragfähigkeit **150 kg** | | |
| **135.021** |  | - Dodatni set ključanja po širini i visini za krilo dimenzija L>1000 mm i H>1200 mm<br>- Oznaka proizvođača Giesse: 04770000<br>- Zusatzset für Breiten- und Höhenverriegelung für Flügelabmessungen L>1000 mm and H>1200 mm<br>- Hersteller Code Giesse: 04770000 | | |
| **135.014** |  | - Dodatne škare za krilo šire od 1000 mm<br>- Oznaka proizvođača Giesse: 04301000<br>- Zusatzschere für Flügelbreite größer als 1000 mm<br>- Hersteller Code Giesse: 04301000 | | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **135.023** |  | - Graničnik otvaranja krila,<br>za L>500, od 25°do 120°<br>- Oznaka proizvođača Giesse: 02030000<br>- Öffnungsbegrenzungsarm,<br>für L>500, von 25° bis 120°<br>- Hersteller Code Giesse: 02030000 | | |
| **135.035** |  | - Dodatni element za škaru, za dimenzije krila<br>H<1200, L>1000 mm<br>- Oznaka proizvođača Giesse: 04357000<br>- Zusatzelement für Schere, für<br>Flügelabmessungen H<1200, L>1000 mm<br>- Hersteller Code Giesse: 04357000 | | |
| **135.036** |  | - Šablon za pozicioniranje škara<br>- Oznaka proizvođača Giesse: 03535<br>- Schablone für Scherenpositionierung<br>- Hersteller Code Giesse: 03535 | | |
| **135.029** |  | - Dodatno ključanje - zapinjač<br>- Oznaka proizvođača Giesse: 04030000<br>- Zusatzverriegelung - Schließzapfen<br>- Hersteller Code Giesse: 04030000 | | |
| **143.042** |  | - Dodatno ključanje - prihvatnik zapinjača<br>- Oznaka proizvođača Giesse: 01347000<br>- Zusatzverriegelung - Schließteil<br>- Hersteller Code Giesse: 01347000 | | |
| **135.047** |  | - Dodatni element za povećanje nosivosti krila do<br>200 kg<br>- Oznaka proizvođača Giesse: 06250000<br>- Zusatzelement für Flügelgewicht bis 200 kg<br>- Hersteller Code Giesse: 06250000 | | |
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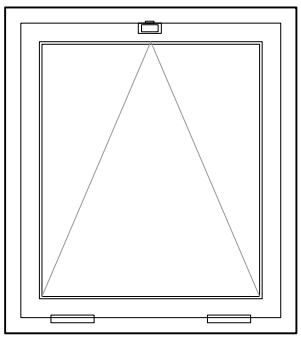
## SKRIVENI OKOV ZA FIKSIRANJE POMOĆNOG KRILA - GIESSE CHIC 3D
VERDECKTER STULPFLÜGELBESCHLAG- GIESSE CHIC 3D

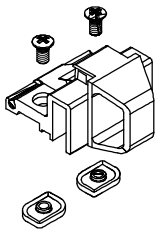
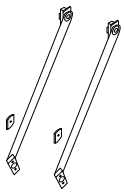
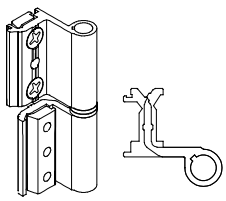


| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **115.011** |  | - Skrivene šarke za pomoćno krilo - **lijeve**<br>- Oznaka proizvođača Giesse: 043540002<br>- Za nosivost do **100 kg**<br>- verdeckte Bänder für Stulpflügel - **links**<br>- Hersteller Code Giesse: 043540002<br>- für Flügelgewicht bis max. **100 kg** | | |
| **115.012** |  | - Skrivene šarke za pomoćno krilo - **desne**<br>- Oznaka proizvođača Giesse: 043540001<br>- Za nosivost do **100 kg**<br>- verdeckte Bänder für Stulpflügel- **rechts**<br>- Hersteller Code Giesse: 043540001<br>- für Flügelgewicht bis max. **100 kg** | | |
| **115.017** |  | - Skrivene šarke za pomoćno krilo - **lijeve**<br>- Oznaka proizvođača Giesse: 0436400021<br>- Za nosivost do **150 kg**<br>- verdeckte Bänder für Stulpflügel - **links**<br>- Hersteller Code Giesse: 0436400021<br>- für Flügelgewicht bis max. **150 kg** | | |
| **115.018** |  | - Skrivene šarke za pomoćno krilo - **desne**<br>- Oznaka proizvođača Giesse: 0436400011<br>- Za nosivost do **150 kg**<br>- verdeckte Bänder für Stulpflügel - **rechts**<br>- Hersteller Code Giesse: 0436400011<br>- für Flügelgewicht bis max. **150 kg** | | |
| **143.044** |  | - Dodatno (pasivno) ključanje<br>(za h=1200-1800 -1 kom, a preko 1800 -2 kom)<br>- Oznaka proizvođača Giesse: 04358000<br>- Zusatzelement (passiv) Verriegelung<br>(für h=1200-1800 -1 St., und über 1800 -2 St.)<br>- Hersteller Code Giesse: 04358000 | | |

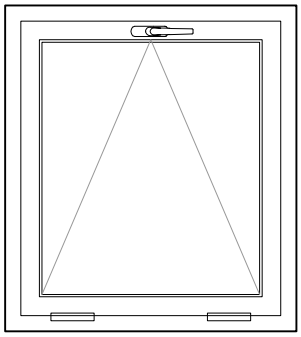
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **143.048** |  | - Okov za fiksiranje pomoćnog krila<br>u više točaka (montiranje okova u krilo)<br>- Oznaka proizvođača Giesse: 02179000<br>- Stulpflügelbeschlag- Mehrfachverriegelung<br>(Montage des Beschlags in den Flügel)<br>- Hersteller Code Giesse: 02179000 | | |
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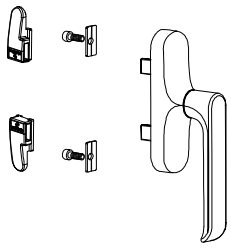
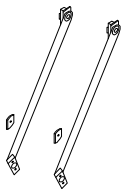
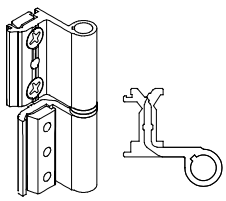
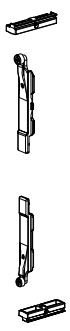
# OTKLOPNI MEHANIZAM (VENTUS) S BRAVICOM ZA ZATVARANJE
KIPPBESCHLAG MIT SCHNÄPPER



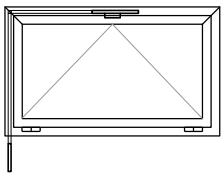
| Oznaka<br>Code | | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **124.005.01**<br>**02**<br>**03** |  | - Bravica (škljoca) za zatvaranje otklopnog prozora<br>- Oznaka proizvođača Stublina: 1014.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Schnäpper für Kippfenster<br>- Hersteller Code Stublina: 1014.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau; 03 - Schwarz | | |
| **131.002** |  | - Škare za otklopni prozor<br>- Stara oznaka: E-350<br>- Schere für Kippfenster<br>- ehemaliger Code: E-350 | | |
| **111.001.01**<br>**02**<br>**03** |  | - Dvodijelna šarka EURO ŽLIJEB<br>- Stara oznaka E-100<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band EURONUT<br>- ehemaliger Code E-100<br>- Farben: 01- Weiß; 02- Grau;03 - Schwarz | | |
| | | | | |

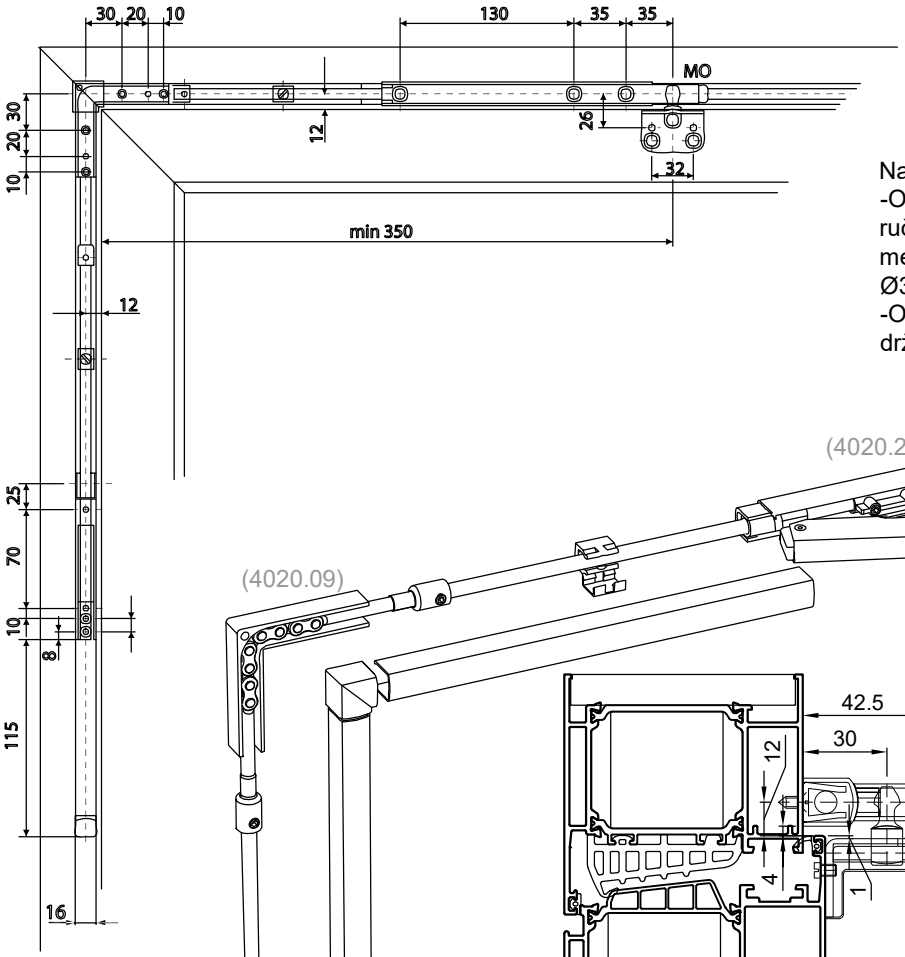
OTKLOPNI MEHANIZAM (VENTUS) S RUČKOM NA HORIZONTALI
KIPPBESCHLAG (VENTUS) MIT DEM GRIFF OBEN



| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **104.011.01**<br>**02**<br>**03** |  | - Ručka za prozor<br>- Oznaka proizvođača Stublina: 1102.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Fenstergriff<br>- Hersteller Code Stublina: 1102.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farben: 01- Weiß; 02- Grau;03 - Schwarz | AlSi<br>Zamak | |
| **131.002** |  | - Škare za otklopni prozor<br>- Stara oznaka: E-350<br>- Schere für Kippfenster<br>- ehemaliger Code: E-350 | | |
| **111.001.01**<br>**02**<br>**03** |  | - Dvodijelna šarka EURO ŽLIJEB<br>- Stara oznaka E-100<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band EURONUT<br>- ehemaliger Code E-100<br>- Farben: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **144.044** |  | - Set zapinjača s prihvatom<br>- Oznaka proizvođača Stublina: 4009.30<br>- Schließzapfenset mit Schließteil<br>- Hersteller Code Stublina: 4009.30 | | |

## 134.006.xx- OTKLOPNI MEHANIZAM (VENTUS) S RUČKOM ZA VISINU - STUBLINA (art.4020.00)
## 134.006.xx- KIPPBESCHLAG MIT HANDHEBEL - STUBLINA (art.4020.00)





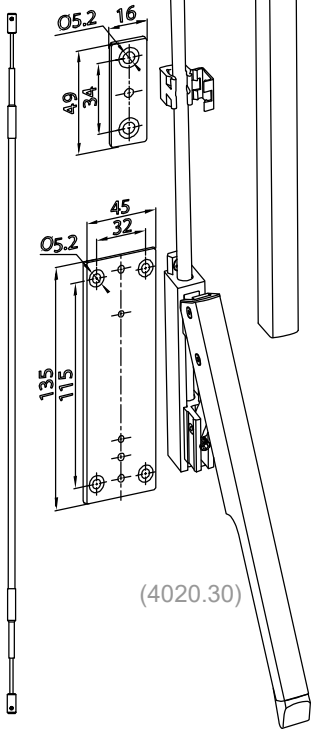

Napomena:
-Otvore na štoku za ugradnju pogonoske ručice 4020.30, kutnog okova 4020.09 mehanizama otvarača 4020.20 bušiti na Ø3mm.
-Otvore na krilu za ugradnju kutnog nosača držača krila 4020.05 bušiti na Ø5.2mm

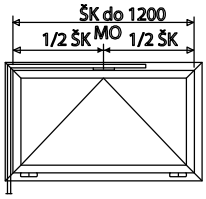




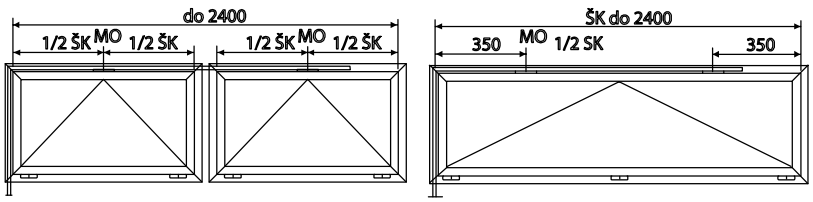


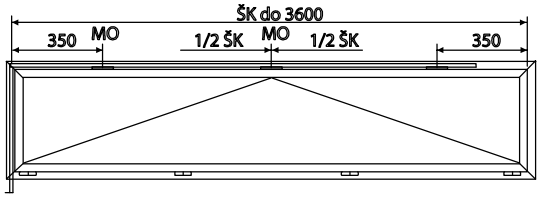
Anmerkung:
-Löcher am Blendrahmen für die Montage des Handhebels 4020.30, der Eckumlenkung 4020.09 und des Schließmechanismus 4020.20 auf Ø3mm bohren.
-Löcher am Flügel für die Montage der Trägerplatte für Fenstergriff 4020.05 auf Ø5,2mm bohren.



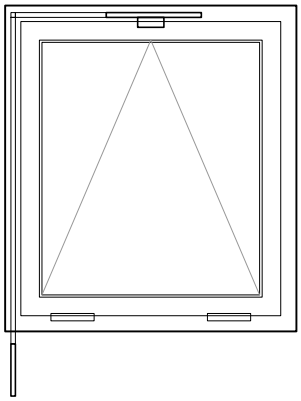



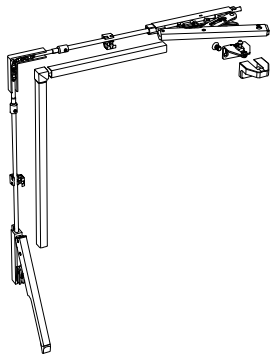
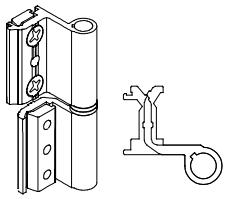

Legenda / Legende:
Mehanizam otvarača /Schließmechanismus.....Mo
Širina krila / Flügelbreite.....ŠK



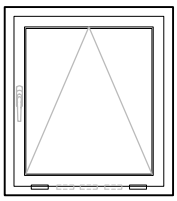



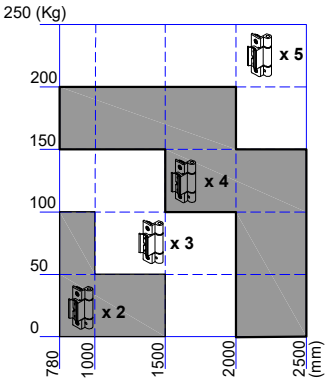
OTKLOPNI MEHANIZAM (VENTUS) S RUČKOM ZA VISINU
KIPPBESCHLAG MIT HANDHEBEL

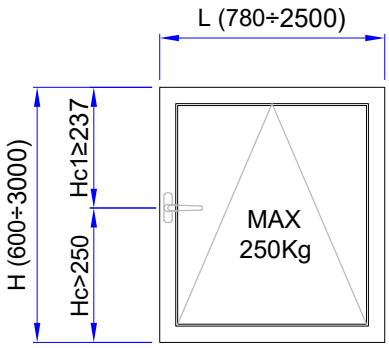


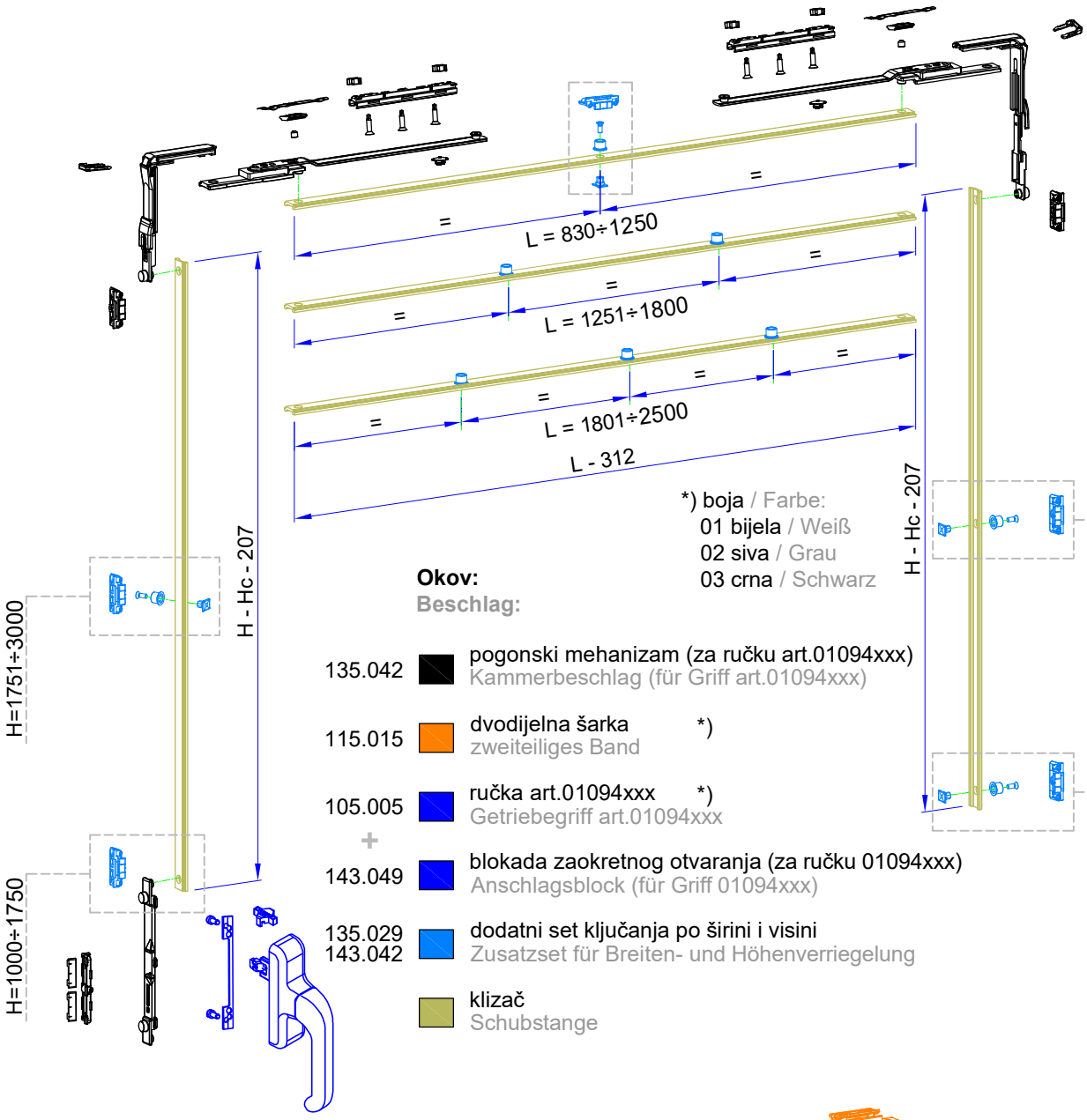
| Oznaka<br>Code | | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **134.006.01**<br>**02**<br>**03** |  | - Ventus set širina krila do 1200 mm<br>- Oznaka proizvođača Stublina: 4020.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Kippbeschlag Set - Flügelbreiten bis 1200 mm<br>- Hersteller Code Stublina: 4020.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farben: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **111.001.01**<br>**02**<br>**03** |  | - Dvodijelna šarka EURO ŽLIJEB<br>- Stara oznaka E-100<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band EURONUT<br>- ehemaliger Code E-100<br>- Farben: 01- Weiß; 02- Grau;03 - Schwarz | | |
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# OTKLOPNI MEHANIZAM (VENTUS) S RUČKOM NA VERTIKALI
## KIPPBESCHLAG MIT DEM GRIFF SEITLICH

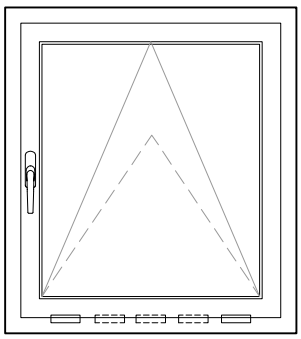


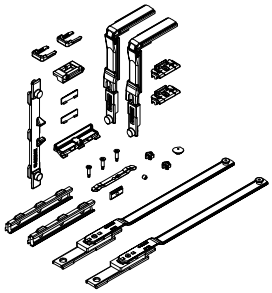
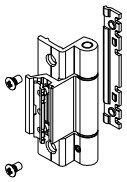
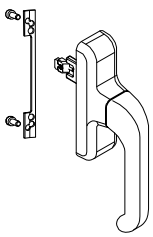
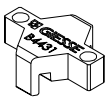


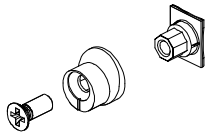
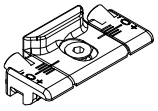



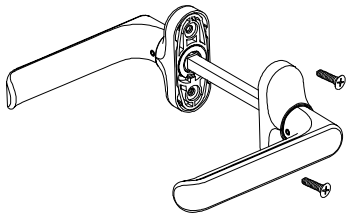
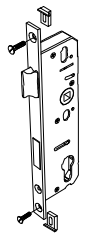
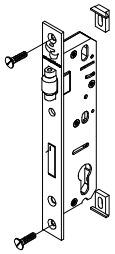
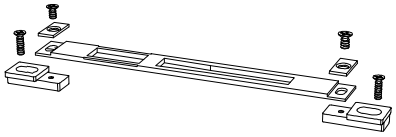
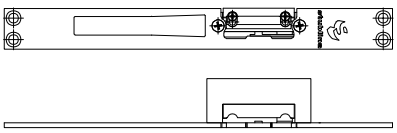
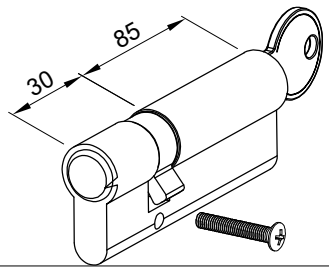
# OTKLOPNI MEHANIZAM (VENTUS) S RUČKOM NA VERTIKALI
KIPPBESCHLAG MIT DEM GRIFF SEITLICH

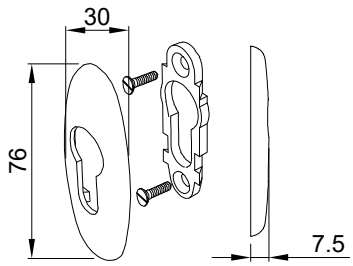
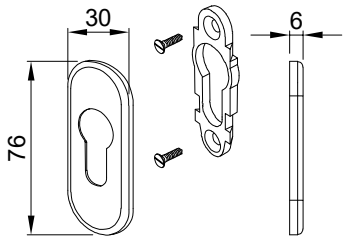


| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **135.042** |  | - Pogonski mehanizam za otklopni prozor- (ventus) s ručkom na vertikali (..ručka 01094xxx)<br>- Oznaka proizvođača Giesse: 01175000<br>- Kammerbeschlag für Kippfenster mit dem Griff seitlich (... Griff 01094xxx)<br>- Hersteller Code Giesse: 01175000 | | |
| **115.015.01<br>02<br>03** |  | - Dvodijelna šarka<br>- Oznaka proizvođača Giesse: 00600410 -bijela<br>00600376 -siva<br>00600500 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- zweiteiliges Band<br>- Hersteller Code Giesse: 00600410 -Weiß<br>00600376 -Grau<br>00600500 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **105.005.01<br>02<br>03**<br><br>**143.049** |  <br><br>  | - Ručka; (LA 86/104mm), FUTURA 3D (130 micro)<br>- Oznaka proizvođača Giesse: 01094410 -bijela<br>01094376 -siva<br>01094500 -crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Getriebegriff; (LA 86/104mm), FUTURA 3D (130 micro)<br>- Hersteller Code Giesse: 01094410 -Weiß<br>01094376 -Grau<br>01094500 -Schwarz<br>- Farben: 01- Weiß; 02- Grau; 03 - Schwarz<br><br>- Blokada zaokretnog otvaranja (...za ručku 01094xxx )<br>- Oznaka proizvođača Giesse: 02235<br>- Anschlagsblock (... für Griff 01094xxx)<br>- Hersteller Code Stublina: 02235 | | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **135.029** |  | - Dodatno ključanje - zapinjač<br>- Oznaka proizvođača Giesse: 04030000<br>- Zusatzverriegelung - Schließzapfen<br>- Hersteller Code Giesse: 04030000 | | |
| **143.042** |  | - Dodatno ključanje - prihvatnik zapinjača<br>- Oznaka proizvođača Giesse: 01347000<br>- Zusatzverriegelung - Schließteil<br>- Hersteller Code Giesse: 01347000 | | |
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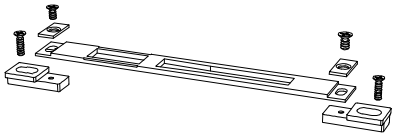
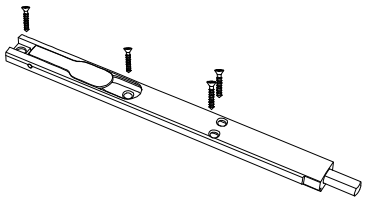
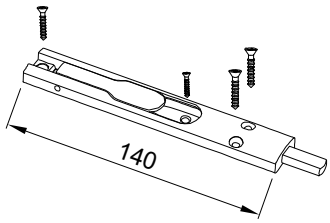
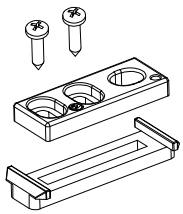
JEDNOKRILNA VRATA, OTVARANJE UNUTRA
EINFLÜGELIGE TÜR, EINWÄRTS ÖFFNEND

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **104.009.01**<br>**02**<br>**03** |  | - Ručka za vrata ..... (duljina šipa 8x8 : L=160mm)<br>- Oznaka proizvođača Stublina: 1132.20.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Türgriff.....(Vierkantlänge 8x8 : L=160mm)<br>- Hersteller Code Stublina: 1132.20.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | AlSi<br>Zamak | |
| **124.001** |  | - Brava 35 mm s jezičkom<br>- Oznaka proizvođača Stublina: 3022.00<br>- Schloss 35 mm mit der Falle<br>- Hersteller Code Stublina: 3022.00 | Inox<br>Čelik | |
| **124.010** |  | - Brava 35 mm s valjkom<br>- Oznaka proizvođača Stublina: 3032.00<br>- Rollfallenschloss 35 mm<br>- Hersteller Code Stublina: 3032.00 | | |
| **124.003** |  | - Prihvatnik jezička brave (šild)<br>- Oznaka proizvođača Stublina: 3016.00<br>- Schließblech<br>- Hersteller Code Stublina: 3016.00 | Prokrom<br>Čelik | |
| **124.043** |  | - Prihvatni lim (ravni) s elektro otvaračem<br>(SES1-008 (U-6-12V AC; I-980 mA; R-8.7Ω))<br>- Oznaka proizvođača Stublina: 3088.20.133<br>- Schließblech (flach) mit Elektrotüröffner<br>(SES1-008 (U-6-12V AC; I-980 mA; R-8.7Ω))<br>- Hersteller Code Stublina: 3088.20.133 | Inox | Za lijeva i desna vrata<br>Für linke und rechte Tür |
| **126.028** |  | - Uložak (cilindar) za bravu 35mm<br>- Oznaka proizvođača ISEO Serrature: 810930859<br>(dužina cilindra 115mm (30+85))<br>- Profilzylinder für Schloss 35mm<br>- Hersteller Code ISEO Serrature: 810930859<br>(Zylinderlänge 115mm (30+85)) | Ni | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **124.032.01**<br>**02**<br>**03** |  | - Štitnik cilindra za bravu (par)<br>- Oznaka proizvođača Stublina: 1031.04.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Profilzylinderrosette (Paar)<br>- Hersteller Code Stublina: 1031.04.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | Zn<br>Čelik | |
| **124.035.01**<br>**02**<br>**03** |  | - Štitnik cilindra za bravu (par)<br>- Oznaka proizvođača Stublina: 1131.04.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Profilzylinderrosette (Paar)<br>- Hersteller Code Stublina: 1131.04.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | Zn<br>Čelik | |

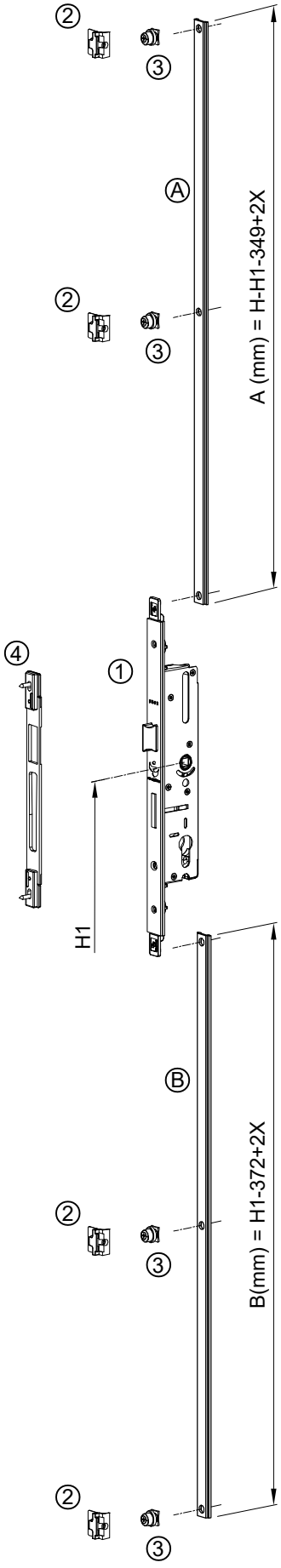
* Šarke za vrata biraju se po želji, ovisno o težini krila ( stranice 208.06.002 i 208.06.003)
Die Türbänder können nach Wunsch gewählt werden, Abhängig vom Gewicht des Flügels (Seiten 208.06.002 und 208.06.003)

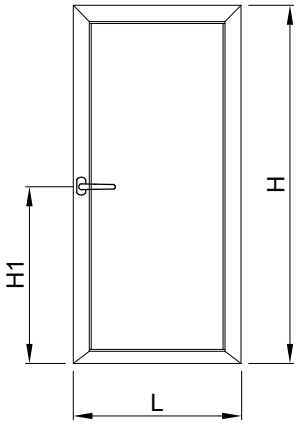
## KLJUČANJE POMOĆNOG KRILA KOD DVOKRILNIH VRATA
STULPFLÜGELVERRIEGELUNG BEI ZWEIFLÜGELIGEN TÜREN

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **124.003** |  | - Prihvatnik jezička brave (šild)<br>- Oznaka proizvođača Stublina: 3016.00<br>- Schließblech<br>- Hersteller Code Stublina: 3016.00 | Prokrom<br>Čelik | |
| **144.003.01**<br>**02**<br>**03** |  | - Zapinjač-krakun za vrata<br>- Oznaka proizvođača Stublina: 3006.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Türkantriegel<br>- Hersteller Code Stublina: 3006.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau; 03 - Schwarz | | |
| **144.000.01**<br>**02**<br>**03** |  | - Zapinjač-krakun za vrata (kratki)<br>- Oznaka proizvođača Stublina: 3061.00.310 -bijela<br>315 -siva<br>313 -crna<br>- Boje: 01- bijela; 02 - siva; 03 - crna<br>- Türkantriegel (kurz)<br>- Hersteller Code Stublina: 3061.00.310 -Weiß<br>315 -Grau<br>313 -Schwarz<br>- Farbe: 01- Weiß; 02- Grau; 03 - Schwarz | | |
| **124.044** |  | - Prihvatnik zapinjača (krakuna) za vrata<br>- Oznaka proizvođača Stublina: 3012.20<br>- Schließplatte für Türkantriegel<br>- Hersteller Code Stublina: 3012.20 | Zn<br>PVC | |

* Šarke za vrata biraju se po želji, ovisno o težini krila ( stranica 208.06.002 i 208.06.003)
Die Türbänder können nach Wunsch gewählt werden, Abhängig vom Gewicht des Flügels (Seiten 208.06.002 und 208.06.003)

BRAVA 35mm ZA KLJUČANJE U VIŠE MJESTA - STUBLINA
SCHLOSS 35mm - MEHRFACHVERRIEGELUNG - STUBLINA




H - visina krila / Flügelhöhe
L - širina krila / Flügelbreite
H1- visina brave (osa ručke)
Griffachse

1) **124.042**
-Brava 35mm za ključanje u više mjesta
-Oznaka proizvođača Stublina: 3147.00
-Schloss 35mm Mehrfachverriegelung
-Hersteller Code Stublina: 3147.00

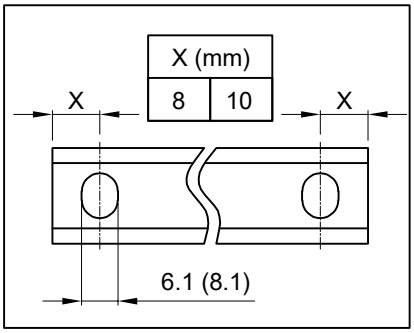
2) **134.004**
- Dodatno ključanje - prihvatnik zapinjača
- Oznaka proizvođača Stublina: 4010.03
- Zusatzverriegelung - Schließteil
- Hersteller Code Stublina: 4010.03

3) **134.005**
- Dodatno ključanje - zapinjač
- Oznaka proizvođača Stublina: 4010.27
- Zusatzverriegelung - Schließzapfen
- Hersteller Code Stublina: 4010.27

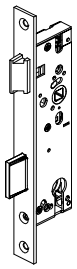
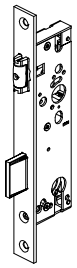
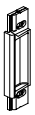
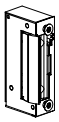
4) **124.003**
- Prihvatnik jezička brave (šild)
- Oznaka proizvođača Stublina: 3016.00
- Schließblech
- Hersteller Code Stublina: 3016.00

A) **NC-1459**
- profil klizača
- Schubprofil

B) **NC-1459**
- profil klizača
- Schubprofil

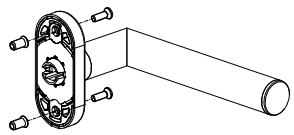
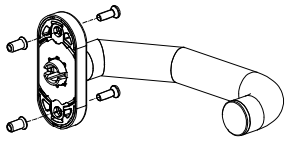
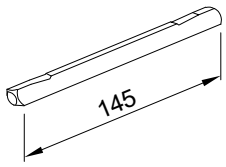
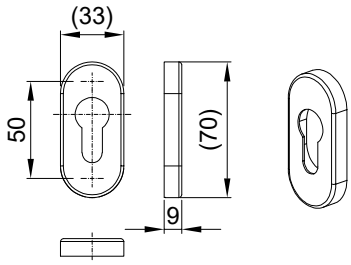
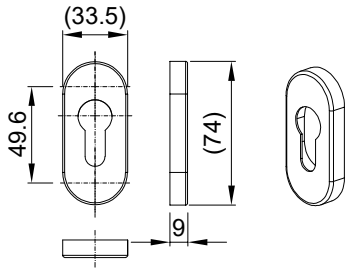
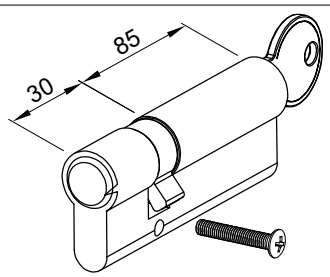


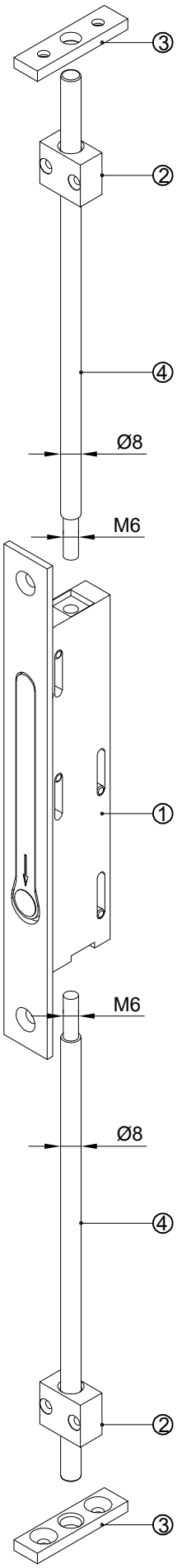
OKOV ZA JEDNOKRILNA VRATA - (otvaranje unutra)
BESCHLAG FÜR EINFLÜGELIGE TÜR - (einwärts öffnend)

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **122.073** |  | - Brava (kratka) 35 mm s jezičkom - ravna potisna ploča<br>- Oznaka proizvođača GU-BKS: B 1314 0013 (čelik)<br>B 1314 0003 (inox)<br>- Schloss 35 mm mit der Falle - flach Stulp<br>- Hersteller Code GU-BKS: B 1314 0013 (Stahl)<br>B 1314 0003 (Edelstahl) | Čelik<br>Stahl | |
| **122.124** * | | | Inox<br>Edelstahl | |
| **122.075** |  | - Brava 35 mm s valjkom - ravna potisna ploča<br>- Oznaka proizvođača GU-BKS: B 1315 0013 čelik<br>B 1315 0003 inox<br>- Rollfallenschloss 35 mm - flach Stulp<br>- Hersteller Code GU-BKS: B 1315 0013 (Stahl)<br>B 1315 0003 (Edelstahl) | Čelik<br>Stahl | |
| **122.126** * | | | Inox<br>Edelstahl | |
| **122.054** |  | - Prihvatni lim (ravni) 22x3mm - Lijevi<br>- Oznaka proizvođača GU: 6-39257-01-L-8<br>- Schließblech (flach) 22x3mm - Links<br>- Hersteller Code GU: 6-39257-01-L-8 | Inox<br>Edelstahl | |
| **122.079** | | - Prihvatni lim (ravni) 22x3mm - Desni<br>- Oznaka proizvođača GU: 6-39257-01-R-8<br>- Schließblech (flach) 22x3mm - Rechts<br>- Hersteller Code GU: 6-39257-01-R-8 | | |
| **122.030** |  | - Kućište zasuna brave (62mm)<br>- Oznaka proizvođača GU: 9-48553-03-0-6<br>(Element po želji)<br>- Riegelabdeckgehäuse (62mm).<br>- Hersteller Code GU: 9-48553-03-0-6<br>(optionaler Teil) | Pvc | |
| **122.042** |  | - Prihvatni dio za valjak<br>- Oznaka proizvođača GU: K-15597-01-0-6<br>- Austauschstück für Rollfalle<br>- Hersteller Code GU: K-15597-01-0-6 | Al<br>Pvc | |
| **122.055** |  | - Elektro otvarač vrata GU ET8 standardni, bez klizača za jezičak, opruga 60N<br>- Oznaka proizvođača GU: 6-38473-02-0-1<br>(Elektro otvarač se koristi po želji)<br>- Elektrotüröffner GU ET8 standard, ohne Fallengleitdeckel, Fallenfeder 60N<br>- Hersteller Code GU: 6-38473-02-0-1<br>(Elektrotüröffner ist optionaler Teil) | | |

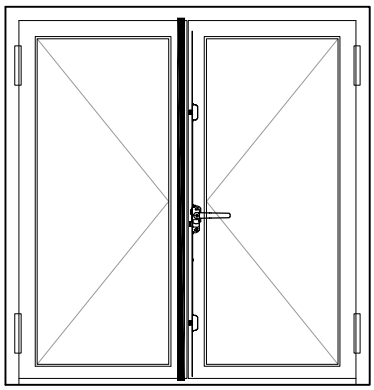
* Preporučuje se korištenje u uvjetima gdje je potrebna visoka antikorozivna zaštita
* Empfohlen für die Verwendung unter Bedingungen, die einen hohen Korrosionsschutz erfordern

OKOV ZA JEDNOKRILNA VRATA - (otvaranje unutra)
BESCHLAG FÜR EINFLÜGELIGE TÜR - (einwärts öffnend)

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **102.028** |  | - Ručka za vrata s ovalnom rozetnom serije BELCANTO H2.0 (s prihvatom četvrtke 8x8mm) - jednostrano ručka<br>- Oznaka proizvođača GU-BKS: B-70130-63-0-8<br>- Završna obrada: inox<br><br>- Rosetten-Halbgarnitur Drücker (ovale Rosette) BELCANTO Serie Drückermodell H2.0 (für Vierkant 8x8 mm)<br>- Hersteller Code GU-BKS: B-70130-63-0-8<br>- Oberfläche: Edelstahl | | |
| **102.029** |  | - Ručka za vrata s ovalnom rozetnom serije RONDO H1.1 (s prihvatom četvrtke 8x8mm) - jednostrano ručka<br>- Oznaka proizvođača GU-BKS: B-70130-61-0-8<br>- Završna obrada: inox<br><br>- Rosetten-Halbgarnitur Drücker (ovale Rosette) RONDO Serie Drückermodell H1.1 (für Vierkant 8x8 mm)<br>- Hersteller Code GU-BKS: B-70130-61-0-8<br>- Oberfläche: Edelstahl | | |
| **102.025** |  | - Četvrtka 8x8 mm<br>- Oznaka proizvođača GU-BKS: B-78400-0O-0-1 (dužina četvrtke L=145 mm)<br>- Vierkant 8x8 mm<br>- Hersteller Code GU-BKS: B-78400-0O-0-1 (Vierkantlänge L=145 mm) | | |
| **122.098** |  | - Ovalna rozeta za zaštitu cilindra serije BELCANTO<br>- Oznaka proizvođača GU-BKS: B-72730-00-0-8<br>- Završna obrada: inox, a ostale boje na upit.<br><br>- ovale Profilzylinderrosette Serie BELCANTO<br>- Hersteller Code GU-BKS: B-72730-00-0-7-8<br>- Oberfläche: Edelstahl, andere Farben auf Anfrage. | | Naručuje se po komadu<br>Die Bestellung erfolgt pro Stück |
| **122.097** |  | - Ovalna sigurnosna rozeta za zaštitu cilindra<br>- Oznaka proizvođača GU-BKS: B-78820-0R-0-8<br>- Završna obrada: inox<br><br>- ovale Schutzrosette (Schieberosette)<br>- Hersteller Code GU-BKS: B-78820-0R-0-8<br>- Oberfläche: Edelstahl | | Naručuje se po komadu<br>Die Bestellung erfolgt pro Stück |
| **126.028** |  | - Uložak (cilindar) za bravu 35mm<br>- Oznaka proizvođača ISEO Serrature: 810930859 (dužina cilindra 115mm (30+85))<br>- Profilzylinder für Schloss 35mm<br>- Hersteller Code ISEO Serrature: 810930859 (Zylinderlänge 115mm (30+85)) | Ni | |




## KLJUČANJE POMOĆNOG KRILA KOD DVOKRILNIH VRATA
STULPFLÜGELVERRIEGELUNG BEI ZWEIFLÜGELIGEN TÜREN



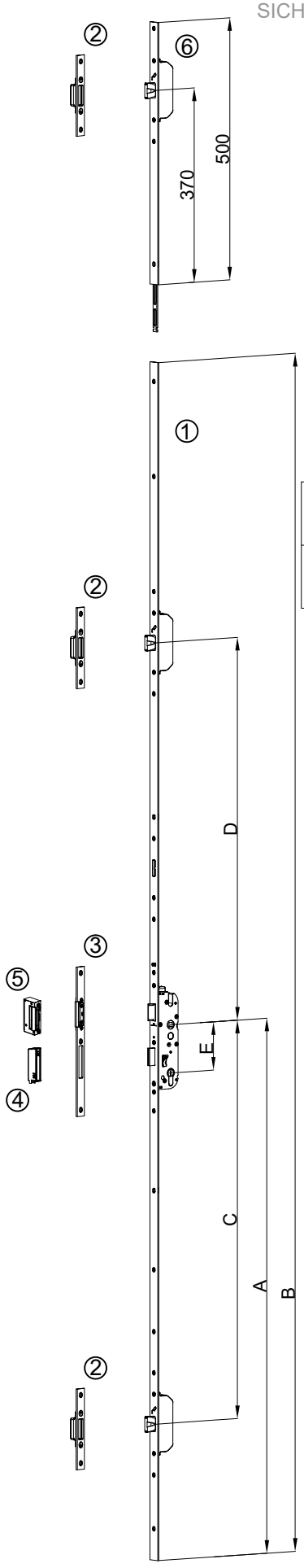
1) **122.057**
-Bravica za ključanje pomoćnog krila u ramu i pragu
-oznaka proizvođača GU-BKS: B 1899 0201
- Falztreibriegelschloss
- Hersteller Code GU-BKS: B 1899 0201

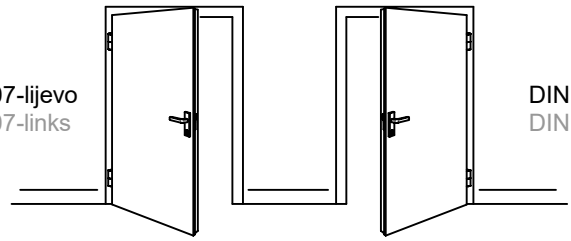
2) **521.312**
-Usmjerivač osovinice
-Stangenführungsstück

3) **521.314**
-Pločica u ramu i pragu za ključanje pomoćnog krila
-Stangenschließblech

4) **521.315**
-Osovinica Ø8 mm; L=2000 mm
-Stange Ø8mm; L=2000 mm

SIGURNOSNA BRAVA 35mm S TRI MJESTA KLJUČANJA - GU SECURY (MR2)
SICHERHEITSSCHLOSS 35mm MIT 3 VERRIEGELUNGSPUNKTEN- GU SECURY (MR2)




**Okov za visine krila 1898-2414 mm**
**Beschlag für Flügelhöhen 1898-2414 mm**

1) Brava GU Secury s masivnim zasunima (MR2)
GU Secury Schloss mit Massivriegeln (MR2)

| | Oznaka FEAL Code FEAL | Dubina Dorn-maß | Potisna ploča Stulp | Visina ručke (A) Griffhöhe (A) | Rastojanje (E) Entfernung (E) | Četvrtka Vierkant | Visina brave (B) Schloss höhe (B) | (C) | (D) | Oznaka proizvođača Hersteller Code |
|---|---|---|---|---|---|---|---|---|---|---|
| čelik (Stahl) | **122.052** | 35 | ▯24x2.5 | 1020 | 92 | □8 | 2285 | 760 | 730 | 6-31542-14-0-1 |
| inox | **122.110*** | | | | | | | | | 6-31542-14-0-8 |

2) **122.053**
Prihvatna pločica (ravna) 22x3/NL11
- oznaka proizvođača GU: 6-40059-02-0-8
Schließplatte (flach) 22x3/NL11
- Hersteller Code GU: 6-40059-02-0-8

3) **122.054** (lijevi) ; **122.079** (desni)
Prihvatni lim (ravni) 22x3/NL11,
- oznaka proizvođača GU: 6-39257-01-L-8 (lijevi); 6-39257-01-R-8 (desni)
Schließblech (flach) 22x3/NL11,
- Hersteller Code GU: 6-39257-01-L-8 (links); 6-39257-01-R-8 (rechts)

4) **122.030**
Kućište zasuna brave (62 mm)
- oznaka proizvođača GU: 9-48553-03-0-6.....(Element po želji)
Riegelabdeckgehäuse (62 mm).
- Hersteller Code GU: 9-48553-03-0-6.....(optionaler Teil)

5) **122.055**
Elektro otvarač vrata GU ET8 standardni, bez klizača za jezičak, opruga 60N
- oznaka proizvođača GU: 6-38473-02-0-1.....(Elektro otvarač se koristi po želji)
Elektrotüröffner GU ET8 standard, ohne Fallengleitdeckel, Fallenfeder 60N
- Hersteller Code GU: 6-38473-02-0-1.....(Elektrotüröffner ist optionaler Teil)

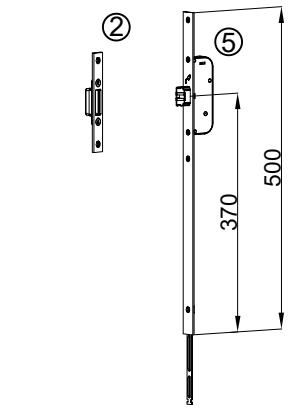
**Dodatni okov za visine krila 2415-2800 mm**
**Zusatzbeschlag für Flügelhöhen 2415-2800 mm**

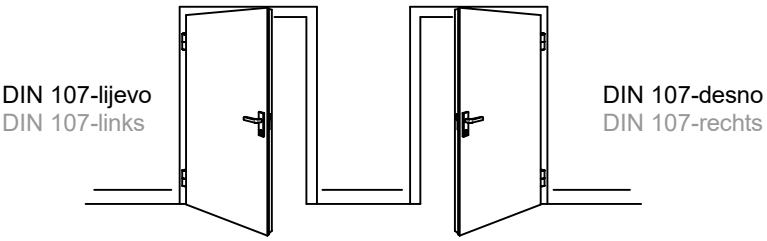
6) **122.077 (čelik/Stahl); 122.118 (inox)**
Secury produžetak brave MR2/24x3/500 mm (Element po želji)
(dodatno gornje ključanje za visine krila 2415-2800 mm)
- oznaka proizvođača GU: 6-37395-12-0-1 (čelik)
6-37395-12-0-8 (inox)
Secury Verlängerung MR2/24x3/500 mm (optionaler Teil)
(Zusatzverriegelung für Flügelhöhen 2415-2800 mm)
- Hersteller Code GU: 6-37395-12-0-1 (Stahl)
6-37395-12-0-8 (Edelstahl)

2) **122.053**
Prihvatna pločica (ravna) 22x3/NL11
- oznaka proizvođača GU: 6-40059-02-0-8
Schließplatte (flach) 22x3/NL11
- Hersteller Code GU: 6-40059-02-0-8

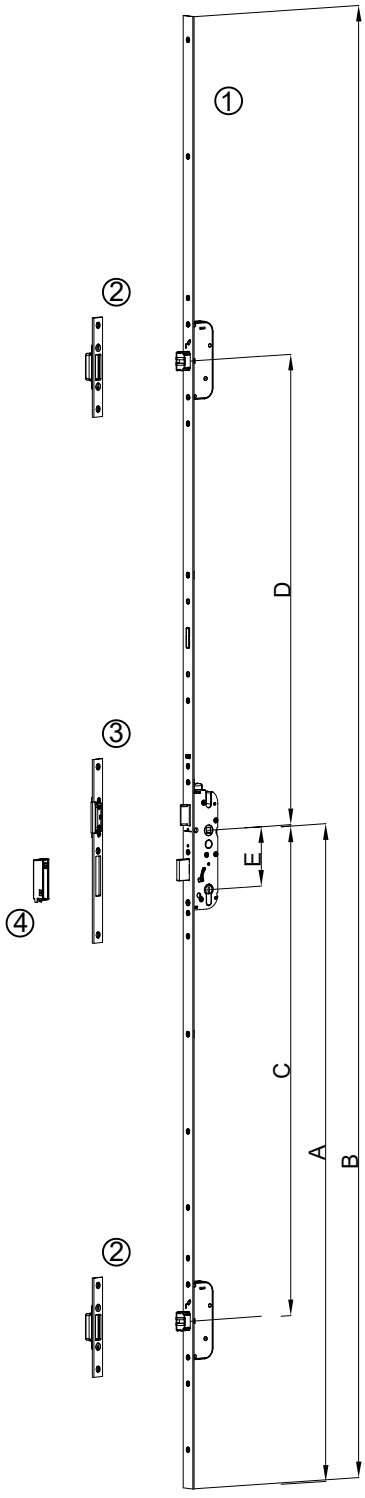
* Preporučuje se korištenje u uvjetima gdje je potrebna visoka antikorozivna zaštita
* Empfohlen für die Verwendung unter Bedingungen, die einen hohen Korrosionsschutz erfordern

SIGURNOSNA BRAVA 35mm S TRI MJESTA KLJUČANJA - GU SECURY (SECA)
SICHERHEITSSCHLOSS 35mm MIT 3 VERRIEGELUNGSPUNKTEN- GU SECURY (SECA)




**Okov za visine krila 1898-2414 mm**
**Beschlag für Flügelhöhen 1898-2414 mm**




1) Brava GU Secury s automatskim zasunima (SECA)
GU Secury Schloss mit Automatic-Fallenriegel (SECA)

| | Oznaka FEAL Code FEAL | Dubina Dorn-maß | Potisna ploča Stulp | Visina ručke (A) Griffhöhe (A) | Rastojanje (E) Entfernung (E) | Četvrtka Vierkant | Visina brave (B) Schloss höhe (B) | (C) | (D) | Oznaka proizvođača Hersteller Code |
|---|---|---|---|---|---|---|---|---|---|---|
| čelik (Stahl) | **122.071** | 35 | ▯24x2.5 | 1020 | 92 | □8 | 2285 | 760 | 730 | 6-28479-31-0-1 |
| inox | **122.112*** | | | | | | | | | 6-28479-31-0-8 |

2) **122.053**
Prihvatna pločica (ravna) 22x3/NL11
- oznaka proizvođača GU: 6-40059-02-0-8
Schließplatte (flach) 22x3/NL11
- Hersteller Code GU: 6-40059-02-0-8

3) **122.054** (lijevi) ; **122.079** (desni)
Prihvatni lim (ravni) 22x3/NL11,
- oznaka proizvođača GU: 6-39257-01-L-8 (lijevi);
6-39257-01-R-8 (desni)
Schließblech (flach) 22x3/NL11,
- Hersteller Code GU: 6-39257-01-L-8 (links);
6-39257-01-R-8 (rechts)

4) **122.030**
Kućište zasuna brave (62 mm)
- oznaka proizvođača GU: 9-48553-03-0-6.....(Element po želji)
Riegelabdeckgehäuse (62 mm).
- Hersteller Code GU: 9-48553-03-0-6.....(optionaler Teil)

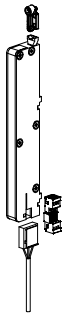
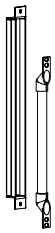
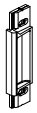
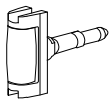
**Dodatni okov za visine krila 2415-2800 mm**
**Zusatzbeschlag für Flügelhöhen 2415-2800 mm**

5) **122.078 (čelik/Stahl); 122.119 (inox)**
Secury produžetak brave SECA/24x3/500 mm (Element po želji)
(dodatno gornje ključanje za visine krila 2415-2800 mm)
- oznaka proizvođača GU: 6-37394-12-0-1 (čelik)
6-37394-12-0-8 (inox)
Secury Verlängerung SECA/24x3/500 mm (optionaler Teil)
(Zusatzverriegelung für Flügelhöhen 2415-2800 mm)
- Hersteller Code GU: 6-37394-12-0-1 (Stahl)
6-37394-12-0-8 (Edelstahl)

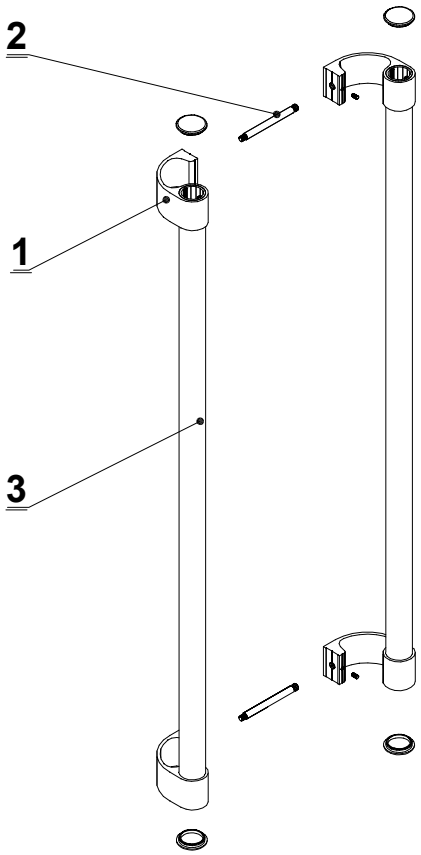
2) **122.053**
Prihvatna pločica (ravna) 22x3/NL11
- oznaka proizvođača GU: 6-40059-02-0-8
Schließplatte (flach) 22x3/NL11
- Hersteller Code GU: 6-40059-02-0-8

* Preporučuje se korištenje u uvjetima gdje je potrebna visoka antikorozivna zaštita
* Empfohlen für die Verwendung unter Bedingungen, die einen hohen Korrosionsschutz erfordern

DODACI ZA SIGURNOSNE BRAVE 35mm S TRI MJESTA KLJUČANJA - GU SECURY MR2 I SECA
ZUBEHÖR FÜR SCHLÖSSER 35 MM MIT 3 VERRIEGELUNGSPUNKTEN- GU SECURY MR2 AND SECA

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **142.056** |  | - Set Secury A-offner Elektro motor<br>(motorno otvaranje brave SECA)<br>- Oznaka proizvođača GU: K-18153-01-0-0<br>- A-Öffner-Anbauset<br>(motorische Entriegelung für SECA Schloss)<br>- Hersteller Code GU: K-18153-01-0-0 | | |
| **142.057** |  | - Zaštita kabla 24x260x17 Ø10 do 100° otvaranje<br>- Oznaka proizvođača GU: 6-29854-00-0-0<br>- Kabelübergang 24x260x17 Ø10 Öffnung bis 100°<br>- Hersteller Code GU: 6-29854-00-0-0 | | |
| **122.042** |  | - Prihvatni dio za valjak (za bravu MR2)<br>- Oznaka proizvođača GU: K-15597-01-0-6<br>- Austauschstück für Rollfalle(für Schloss MR2)<br>- Hersteller Code GU: K-15597-01-0-6 | Al<br>Pvc | |
| **122.040** |  | - Valjak za bravu 35 mm (MR2)<br>- Oznaka proizvođača GU: 6-36144-35-0-1 A<br>- Rollenfalle 35 mm (MR2)<br>- Hersteller Code GU: 6-36144-35-0-1 A | | |
| | | | | |
| | | | | |

# RUKOHVAT ZA VRATA (OBOSTRANO)
STOßGRIFF (BEIDSEITIG)




1. Art. **100.019** ..... kom 1
   Artikal sadržava:
   -nosač rukohvata, vanjski art.391.182 kom 2
   -nosač rukohvata, unutarnji art.391.181 kom 2
   -čep za profil rukohvata art. 375.075 kom 4
   -vijak imbus M6x10 DIN 914 art.431.342 kom 2
   -vijak imbus M5x4 DIN 913 art.431.805 kom 4

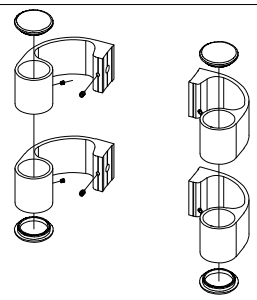
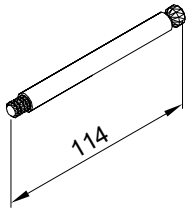
2. Art. **391.179**
   -inox osovina (L= 114mm) ..... kom 2

3. Profil rukohvata vrata **F-0829** ..... kom 2
   Profil F-0829 se pila na mjeru - prema zahtjevu kupca,
   a isporučuje se u standardnoj mjeri - 6500 mm

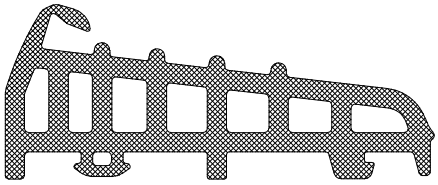
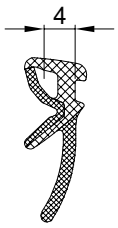
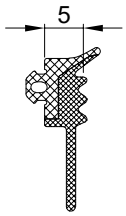
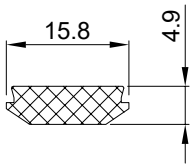
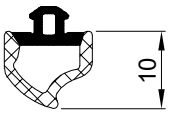
1. Art. **100.019** ..... Stck. 1
   Artikel enthält:
   -Stoßgriffhalter , außen Art.391.182 Stck. 2
   -Stoßgriffhalter , innen Art.391.181 Stck. 2
   -Endkappe für Stoßgriff Art. 375.075 Stck. 4
   -Inbusschraube M6x10 DIN 914 Art.431.342 Stck. 2
   -Inbusschraube M5x4 DIN 913 Art.431.805 Stck. 4

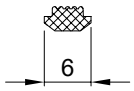
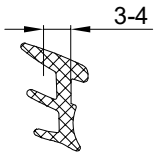
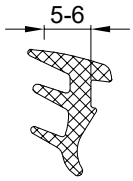
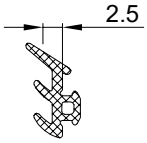
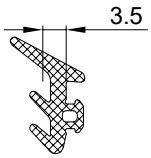
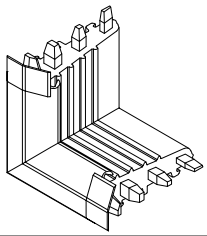
2. Art. **391.179**
   -Inox Achse (L= 114mm) ..... Stck. 2

3. Stoßgriffprofil **F-0829** ..... Stck. 2
   Profil F-0829 wird auf Maß gesägt- nach Kundenwunsch und
   wird in einem Standardmaß geliefert-6500 mm

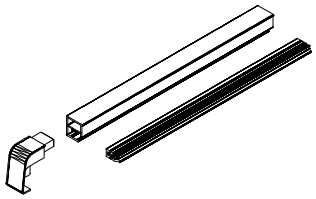
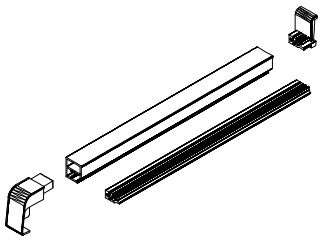
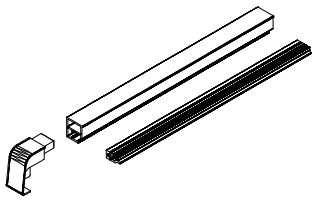
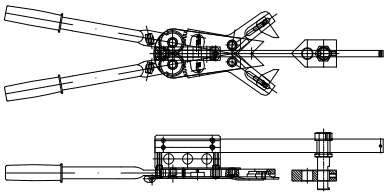
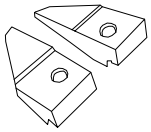
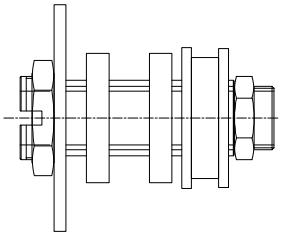
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **100.019 01<br>02<br>03** |  | - Nosač rukohvata F-0829<br>- Boje: 01- bijela; 02 - siva;03 - crna<br>- Stoßgriffhalter F-0829<br>- Farbe: 01- Weiß; 02- Grau;03 - Schwarz | | |
| **391.179** |  | - Inox osovina (L=114mm)<br>- Inox Achse (L=114 mm) | Inox<br>Inox | |

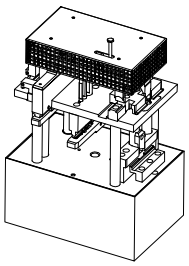
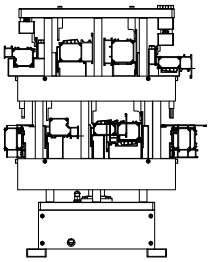
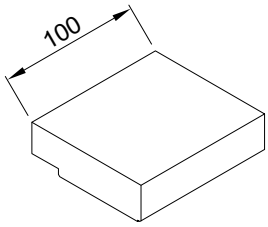
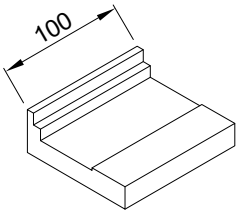
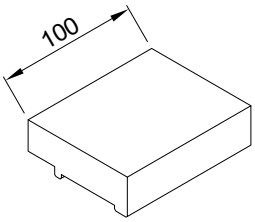
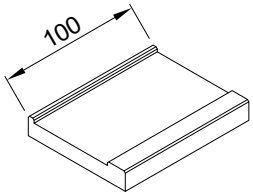
# Brtve
## Dichtungen

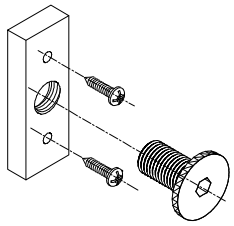
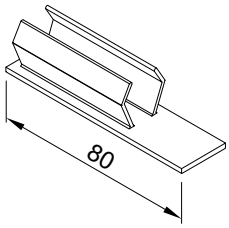
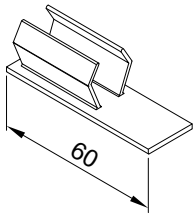
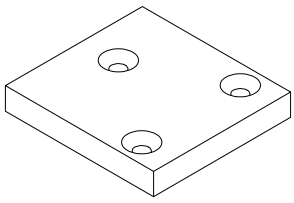
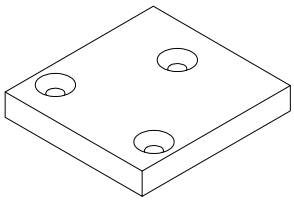
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **337.001** |  | - Centralna brtva<br>- Mitteldichtung | Spužvasti EPDM<br>schwammiges EPDM | 0.75 kg/m$^3$ |
| **317.001** |  | - Brtva prema staklu /unutarnja/<br>- Glasdichtung /innen/ | EPDM + Spužvasti EPDM<br>EPDM + schwammiges EPDM | 70 ShA + 0.80 kg/m$^3$ |
| **327.001** |  | - Brtva prema staklu /vanjska/<br>- Glasdichtung /außen/ | EPDM + Spužvasti EPDM<br>EPDM + schwammiges EPDM | 60 ShA + 0.80 kg/m$^3$ |
| **317.002** |  | - Brtva u profilu krila<br>- Flügeldichtung | EPDM + Spužvasti EPDM<br>EPDM + schwammiges EPDM | 60 ShA + 0.90 kg/m$^3$ |
| **327.002** |  | - Brtva u profilu rama i u profilu kombatute<br>- Blendrahmendichtung und Stulpprofildichtung | Spužvasti EPDM<br>schwammiges EPDM | 0.90 kg/m$^3$ |
| **344.058** |  | - Brtva u profilu praga<br>- Dichtung in Schwellenprofil | TPE | 65 ShA |
| **348.088** |  | - Brtva prema profilu praga<br>- Schwellendichtung | EPDM + Spužvasti EPDM<br>EPDM + schwammiges EPDM | 70±5 ShA<br>0.9±0.15 g/cm3 |

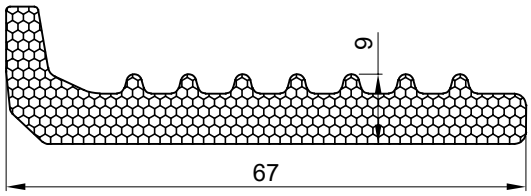
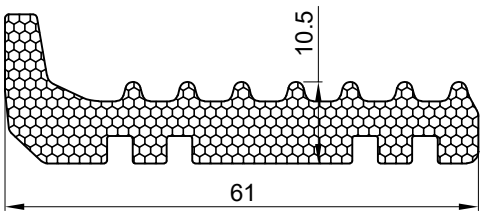
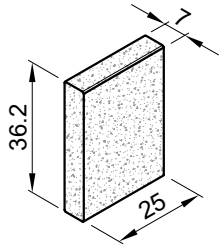
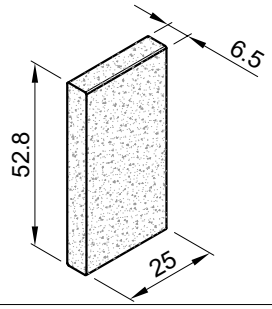
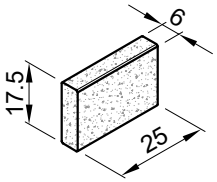
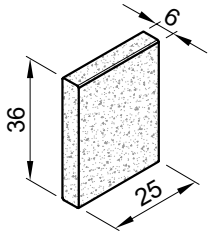
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **340.055** |  | - Odstojna brtva (u profilu okomice F-1569)<br>- Distanzdichtung (für Profil des französischen Balkons F-1569) | ELASTRON | 65 ShA |
| **318.015** |  | - Brtva prema staklu /unutarnja/<br>- Glasdichtung /innen/ | EPDM | 70±5 ShA |
| **318.016** |  | - Brtva prema staklu /unutarnja/<br>- Glasdichtung /innen/ | EPDM | 70±5 ShA |
| **328.007** |  | - Brtva prema staklu /vanjska/<br>- Glasdichtung /außen/ | EPDM | |
| **328.002** |  | - Brtva prema staklu /vanjska/<br>- Glasdichtung /außen/ | EPDM | 60±5 ShA |
| **366.015** |  | - Kutni umetak za centralnu brtvu 337.001<br>- Dichtungsecke für Mitteldichtung 337.001 | EPDM | 30 ShA |
| | | | | |

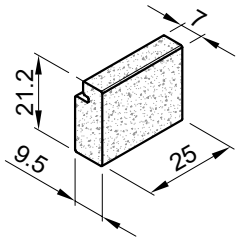
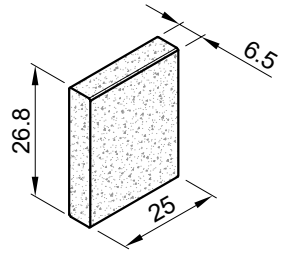
# Dodaci
## Zubehör

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **301.006. 01<br>02<br>03** |  | - Set za bočni čep klupice<br>(za klupice do 280 mm),<br>- Boje: 01 - bijela; 02 - siva; 03 - crna<br>- Set für Seitenkappe der Fensterbank<br>(für Seitenkappen bis 280 mm)<br>- Farbe: 01- weiß; 02- grau;03 - schwarz | PVC<br>TPE<br>Al. | |
| **301.009. 01<br>02<br>03** |  | - Set za bočni čep klupice<br>(za klupice do 280 mm),<br>- Boje: 01 - bijela; 02 - siva; 03 - crna<br>- Set für Seitenkappe der Fensterbank<br>(für Seitenkappen bis 280 mm)<br>- Farbe: 01- weiß; 02- grau;03 - schwarz | PVC<br>TPE<br>Al. | |
| **301.010. 01<br>02<br>03** |  | - Set za bočni čep klupice<br>(za klupicu do 360 mm)<br>- Boje: 01 - bijela; 02 - siva; 03 - crna<br>- Set für Seitenkappe der Fensterbank<br>(für Fensterbank bis 360 mm)<br>- Farbe: 01- weiß; 02- grau;03 - schwarz | PVC<br>TPE<br>Al. | |
| **240.001** |  | - Kliješta za kutne spojnice<br>- Stanzzange | | |
| **240.001.00.01** |  | - Noževi za kliješta kutnih spojnica<br>- Messer für Stanzzange | | |
| **220.027** |  | - Grupa glodala za obradu profila prečke FT-1220 prema profilu prečke i prema profilu rama<br>- Fräsergruppe für Pfosten/Riegelprofilbearbeitung FT-1220 gemäß Pfosten/Riegelprofil und Blendrahmen | Čelik<br>Stahl | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **210.001** |  | - Štanca za otklopno zaokretne sisteme prozora i vrata<br>- Stara oznaka: Štanca S1<br>- Stanzwerkzeug für Dreh-Kipp Fenster- und Türensystemen<br>- ehemaliger Code: Štanca S1 | | |
| **210.010** |  | - Pneumatska štanca za odvod kapljevina i ventilaciju:<br>1. Profil krila prozora Termo 85 PA<br>2. Profile krila i rama prozora T85 PA u fasadi<br>- Stara oznaka: Štanca S10<br>- Pneumatik-Stanze für Wasserablaufschlitze und Belüftung:<br>1. Fensterflügelprofil Termo 85 PA<br>2. Flügel- und Rahmenprofile des Termo 85 PA Fenster in der Fassade<br>- ehemaliger Code: Štanca S10 | | |
| **371.025** |  | - Umetak za pilanje profila krila (l=100mm)<br>- Einsatz für Sägen des Flügelprofils (l=100mm) | Teflon | |
| **371.026** |  | - Umetak za pilanje profila krila (l=100mm)<br>- Einsatz für Sägen des Flügelprofils (l=100mm) | Teflon | |
| **371.027** |  | - Umetak za pilanje profila rama i prečke (l=100mm)<br>- Einsatz für Sägen des Blendrahmens- und Riegel/Pfostenprofils (l=100mm) | Teflon | |
| **371.028** |  | - Umetak za pilanje profila rama (l=100mm)<br>- Einsatz für Sägen des Blendahmenprofils (l=100mm) | Teflon | |

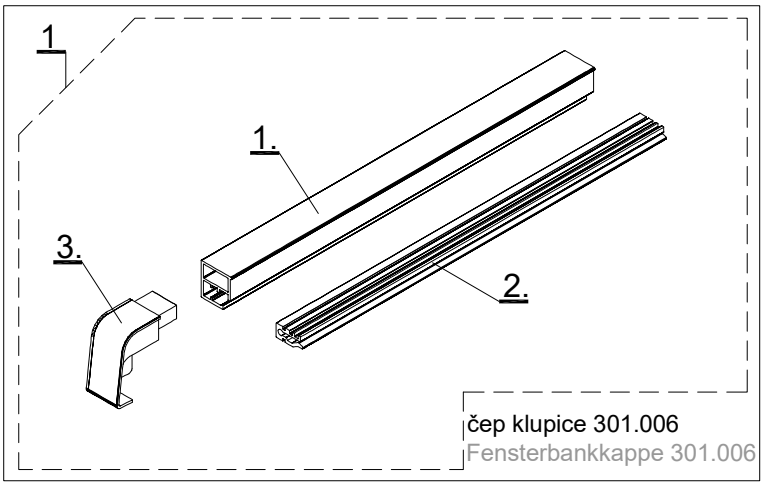
| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **521.286** |  | - Element za ugradnju<br>- Einbauelement | Al.<br>PVC<br>Kunststoff | |
| **521.287.01**<br>**02**<br>**03** |  | - Umetak za profil ojačanja prečke (za profile NP-4183 i NP-4184)<br>- Boje: 01 - bijela; 02 - siva; 03 - crna<br>- Endkappe für Riegel/Pfostenverstärkungsprofil (für Profile NP-4183 und NP-4184)<br>- Farbe: 01- weiß; 02- grau; 03 - schwarz | Al. | |
| **521.288.01**<br>**02**<br>**03** |  | - Umetak za profil ojačanja prečke (za profile F-1634 i NP-4184)<br>- Boje: 01 - bijela; 02 - siva; 03 - crna<br>- Endkappe für Riegel/Pfostenverstärkungsprofil (für Profile F-1634 und NP-4184)<br>- Farbe: 01- weiß; 02- grau; 03 - schwarz | Al. | |
| **391.148.01**<br>**02**<br>**03** |  | - Aluminijska nosiva pločica francuskog balkona lijeva 50 mm x 54 mm x 8 mm<br>- Boje: 01 - bijela; 02 - siva; 03 - crna<br>- Tragplatte des französischen Balkons aus Aluminium links 50 mm x 54 mm x 8 mm<br>- Farbe: 01- weiß; 02- grau; 03 - schwarz | Al. | |
| **391.149.01**<br>**02**<br>**03** |  | - Aluminijska nosiva pločica francuskog balkona desna 50 mm x 54 mm x 8 mm<br>- Boje: 01 - bijela; 02 - siva; 03 - crna<br>- Tragplatte des französischen Balkons aus Aluminium rechts 50 mm x 54 mm x 8 mm<br>- Farbe: 01- weiß; 02- grau; 03 - schwarz | Al. | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **340.142** |  | - Izolacijska ispuna s ljepljivom trakom (67x9) (spužvasta ispuna po opsegu stakla)<br>- Glasfalzdämmung mit dem Klebeband (67x9) (schwammige Füllung rund um die Verglasung) | XPE | |
| **340.143** |  | - Izolacijska ispuna s ljepljivom trakom (61x10.5) (spužvasta ispuna po opsegu stakla)<br>- Glasfalzdämmung mit dem Klebeband (61x10.5) (schwammige Füllung rund um die Verglasung) | XPE | |
| **340.268** | L=25mm<br>  | - XPS barijera za komoru 6x35.2<br>- za profil: FT-1200<br>- XPS Barriere für Kammer 6x35.2<br>- für Profil: FT-1200 | XPS | |
| **340.269** | L=25mm<br>  | - XPS barijera za komoru 5.5x51.8<br>- za profil: FT-1220<br>- XPS Barriere für Kammer 5.5x51.8<br>- für Profil: FT-1220 | XPS | |
| **340.286** | L=25mm<br>  | - XPS barijera za komoru 5x16.5<br>- za profil: FT-1210<br>- XPS Barriere für Kammer 5x16.5<br>- für Profil: FT-1210 | XPS | |
| **340.287** | L=25mm<br>  | - XPS barijera za komoru 5x35<br>- za profil: FT-1211<br>- XPS Barriere für Kammer 5x35<br>- für Profil: FT-1211 | XPS | |

| Oznaka<br>Code | Izgled-presjek<br>Aussehen-Querschnitt | Opis<br>Beschreibung | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| **340.288** | L=25mm<br>  | - XPS barijera za komoru 8.5x20.2<br>- za profil: FT-1201<br>- XPS Barriere für Kammer 8.5x20.2<br>- für Profil: FT-1201 | XPS | |
| **340.358** | L=25mm<br>  | - XPS barijera za komoru 5.5x25.8<br>- za profil: FT-1221<br>- XPS Barriere für Kammer 5.5x25.8<br>- für Profil: FT-1221 | XPS | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

## SET ZA BOČNI ČEP PROZORSKE KLUPICE 301.006
SET FÜR SEITENKAPPE DER FENSTERBANK 301.006

1. - Osnovni profil
2. - PVC prihvatnik klupice
3. - Vanjski čep-prihvatnik klupice i profila
1. - Grundprofil
2. - Kunststoff Fensterbankanschlußprofil
3. - äußere Kappe - Kunststoff Einsatz für Fensterbank und Profil

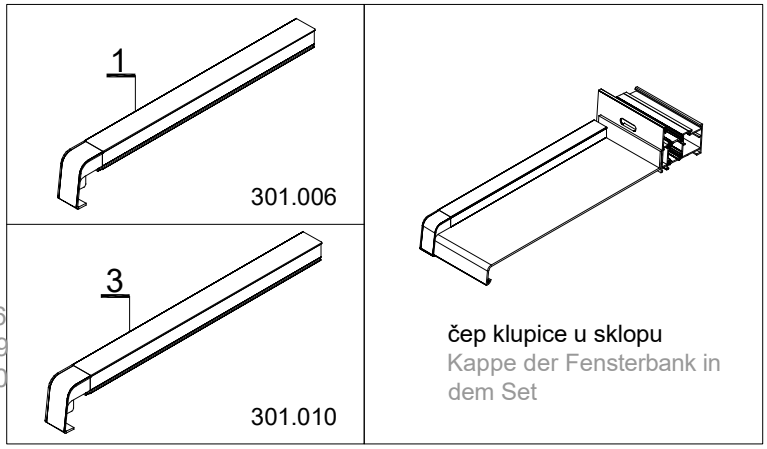



1 - Set za bočni čep klupice 301.006
2 - Set za bočni čep klupice 301.009
3 - Set za bočni čep klupice 301.010

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

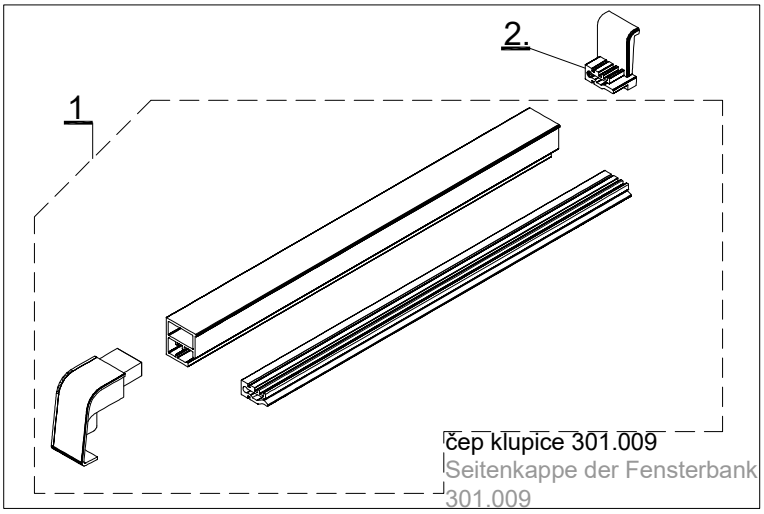
1 - Set für Seitenkappe der Fensterbank 301.006
2 - Set für Seitenkappe der Fensterbank 301.009
3 - Set für Seitenkappe der Fensterbank 301.010

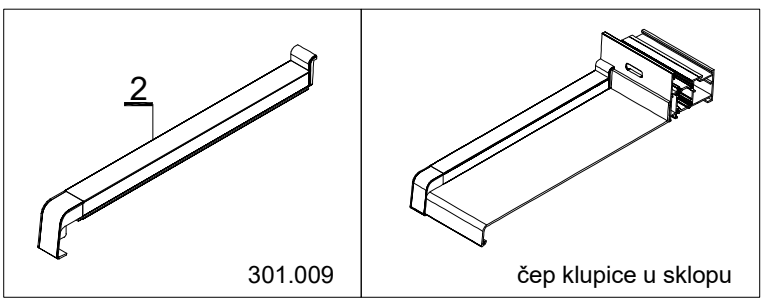
-Seitenkappen-Sets 301.006 und 301.009 haben die Größe des Fensterbankprofils F-0680/J (280 mm)
-Bei kleineren Bänken wird die Kappe gekürzt gemäß den Maßen in der Artikelanleitung
-Set für Seitenkappe 301.010 - (360 mm)
-Kappenfarbe nach RAL-Karte wählbar

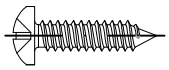


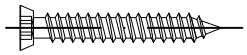
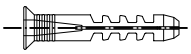
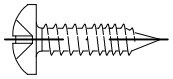

## SET ZA BOČNI ČEP PROZORSKE KLUPICE 301.009
SET FÜR SEITENKAPPE DER FENSTERBANK 301.009

1 - Set klupice 301.006
2. - Čep do otvora-prihvatnik klupice i profila
1 - Fensterbank-Set 301.006
2. - Kappe neben der Öffnung - Einsatz für Fensterbank und Profil



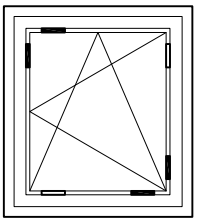



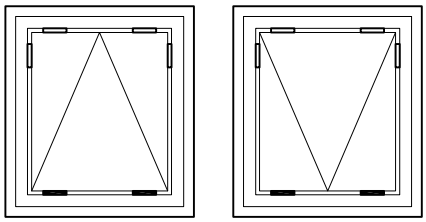
| Oznaka<br>Code | Opis<br>Beschreibung | Izgled-presjek<br>Aussehen-Querschnitt | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| 433.008 | vijak 3.5x32 DIN 7981<br>Schraube 3.5x32 DIN 7981 | | Edelstahl A2 | |
| 433.017 | vijak 3.9x16 DIN 7981<br>Schraube 3.9x16 DIN 7981 | | Edelstahl A2 | |
| 433.018 | vijak 3.9x19 DIN 7981<br>Schraube 3.9x19 DIN 7981 | | Edelstahl A2 | |
| 433.019 | vijak 3.9x22 DIN 7981<br>Schraube 3.9x22 DIN 7981 | | Edelstahl A2 | |
| 433.020 | vijak 3.9x25 DIN 7981<br>Schraube 3.9x25 DIN 7981 | | Edelstahl A2 | |
| 433.021 | vijak 3.9x32 DIN 7981<br>Schraube 3.9x32 DIN 7981 | | Edelstahl A2 | |
| 433.022 | vijak 3.9x38 DIN 7981<br>Schraube 3.9x38 DIN 7981 |  | Edelstahl A2 | |
| 433.023 | vijak 3.9x45 DIN 7981<br>Schraube 3.9x45 DIN 7981 | | Edelstahl A2 | |
| 433.042 | vijak 4.8x16 DIN 7981<br>Schraube 4.8x16 DIN 7981 | | Edelstahl A2 | |
| 433.051 | vijak 4.8x70 DIN 7981<br>Schraube 4.8x70 DIN 7981 | | Edelstahl A2 | |
| 433.052 | vijak 4.8x80 DIN 7981<br>Schraube 4.8x80 DIN 7981 | | Edelstahl A2 | |
| 433.053 | vijak 4.8x90 DIN 7981<br>Schraube 4.8x90 DIN 7981 | | | |
| | | | | |
| 433.095 | vijak 3.5x25 DIN 7982<br>Schraube 3.5x25 DIN 7982 | | Edelstahl A2 | |
| 433.108 | vijak 3.9x25 DIN 7982<br>Schraube 3.9x25 DIN 7982 | | Edelstahl A2 | |
| 433.109 | vijak 3.9x32 DIN 7982<br>Schraube 3.9x32 DIN 7982 | | Edelstahl A2 | |
| 433.129 | vijak 4.8x16 DIN 7982<br>Schraube 4.8x16 DIN 7982 | | Edelstahl A2 | |
| 433.132 | vijak 4.8x25 DIN 7982<br>Schraube 4.8x25 DIN 7982 |  | Edelstahl A2 | |
| 433.133 | vijak 4.8x32 DIN 7982<br>Schraube 4.8x32 DIN 7982 | | Edelstahl A2 | |
| 433.134 | vijak 4.8x38 DIN 7982<br>Schraube 4.8x38 DIN 7982 | | Edelstahl A2 | |
| 433.135 | vijak 4.8x45 DIN 7982<br>Schraube 4.8x45 DIN 7982 | | Edelstahl A2 | |
| 433.136 | vijak 4.8x50 DIN 7982<br>Schraube 4.8x50 DIN 7982 | | Edelstahl A2 | |
| 433.137 | vijak 4.8x60 DIN 7982<br>Schraube 4.8x60 DIN 7982 | | Edelstahl A2 | |
| 433.150 | vijak 5.5x38 DIN 7982<br>Schraube 5.5x38 DIN 7982 | | Edelstahl A2 | |

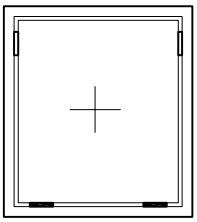
| Oznaka<br>Code | Opis<br>Beschreibung | Izgled-presjek<br>Aussehen-Querschnitt | Materijal<br>Material | Napomena<br>Anmerkung |
|---|---|---|---|---|
| 430.117 | tiplo sa vijkom (Fischer SXS 10 x 80 T)<br>Dübel mit Schraube (Fischer SXS 10 x 80 T) |  | Edelstahl<br>A2 | |
| 430.183 | turbo vijak (Fischer FFS 7.5 x 52)<br>Fensterrahmenschraube (Fischer FFS 7.5 x 52) |  | Edelstahl<br>A2 | |
| 430.184 | turbo vijak (Fischer FFS 7.5 x 62 )<br>Fensterrahmenschraube (Fischer FFS 7.5 x 62) | | Edelstahl<br>A2 | |
| 430.188 | udarna tipla sa vijkom (Fischer N5x30 S)<br>Nageldübel (Fischer N5x30 S) |  | Edelstahl<br>A2 | |
| 433.208 | vijak za drvo 4x16 sa ravnom glavom i PZ prihvatom<br>Holzschraube 4x16 mit Flachkopf und PZ-Kreuzschlitz |  | Edelstahl<br>A2 | |
| 433.209 | vijak za drvo 4x50 sa ravnom glavom i PZ prihvatom<br>Holzschraube 4x50 mit Flachkopf und PZ-Kreuzschlitz | | Edelstahl<br>A2 | |

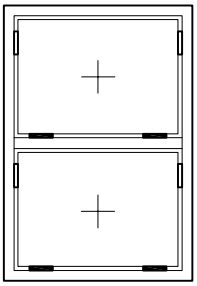
# Prikaz stakljenja
## Verglasung

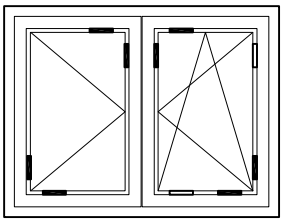
## PREPORUKE ZA RASPORED PODMETAČA KOD UGRADNJE ELEMENATA ZA ISPUNU
## EMPFEHLUNGEN ZUR ANORDNUNG VON KLÖTZEN BEIM EINBAU DER FÜLLELEMENTE

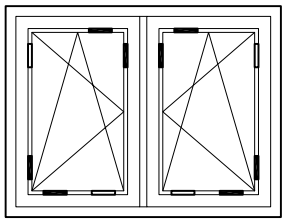


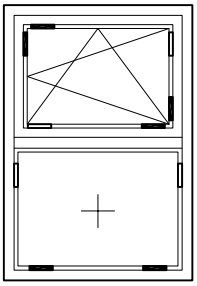


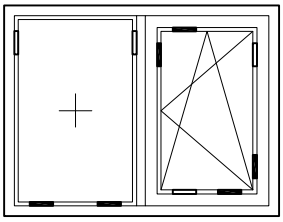


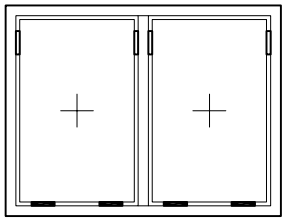


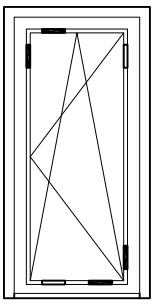










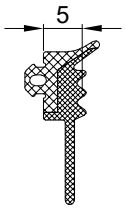
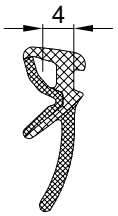


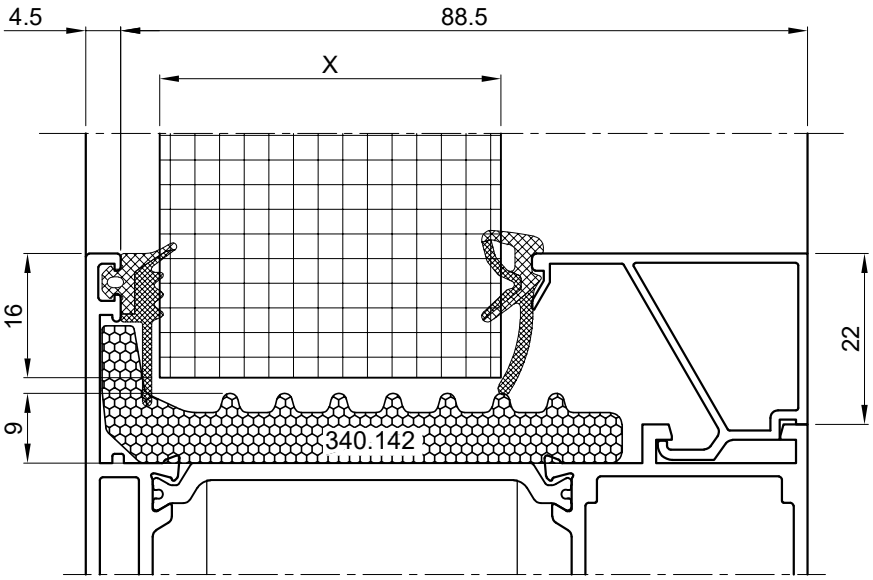
nosivi podmetač
Tragklotz

odstojni podmetač
Distanzklotz

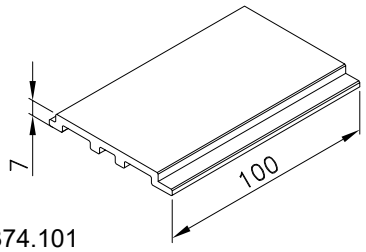
Materijal podmetača: PVC
Klötzenmaterial: Kunststoff

Otvarajuće
Öffnend

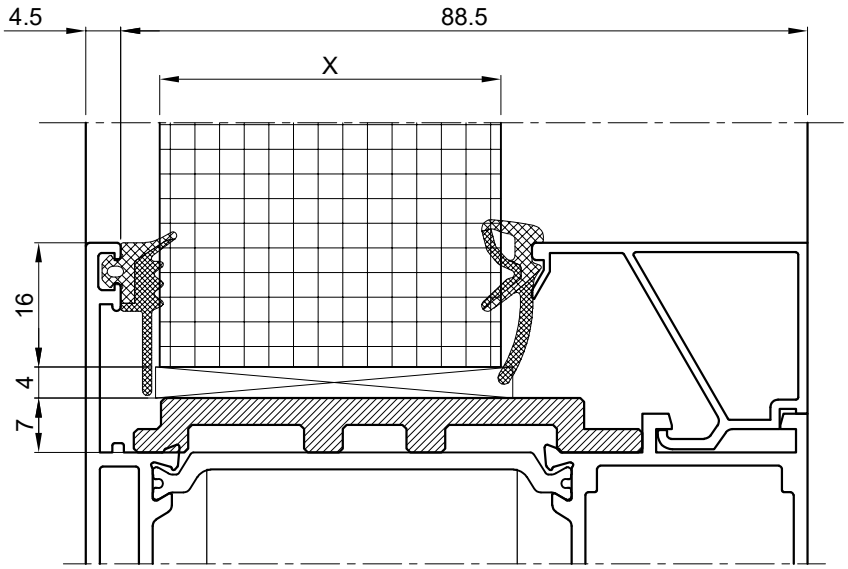
| Vanjska brtva<br>äußere Dichtung | Unutarnja brtva<br>innere Dichtung |
|---|---|
| 327.001 | 317.001 |
|  |  |

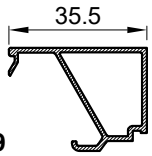
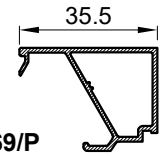
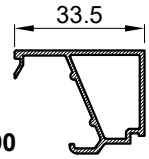



- PVC podmetač za staklo
- Kunststoff Verglasungsklotz



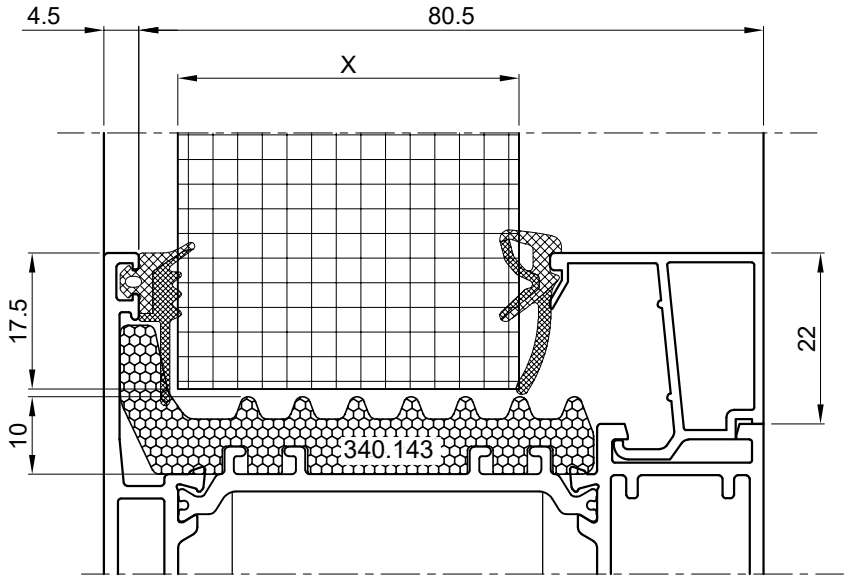

374.101

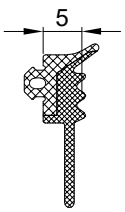
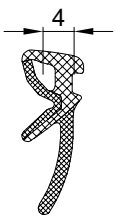



| Ispuna X<br>Füllung X | Vanjska brtva<br>äußere Dichtung | Unutarnja brtva<br>innere Dichtung | STAKLO LAJSNE<br>GLASLEISTEN<br>M1:2 | |
|---|---|---|---|---|
| 44 | 327.001 | 317.001 |  **Z40-669** |  **Z40-669/P** |
| 46 | 327.001 | 317.001 |  **F-1590** | |

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

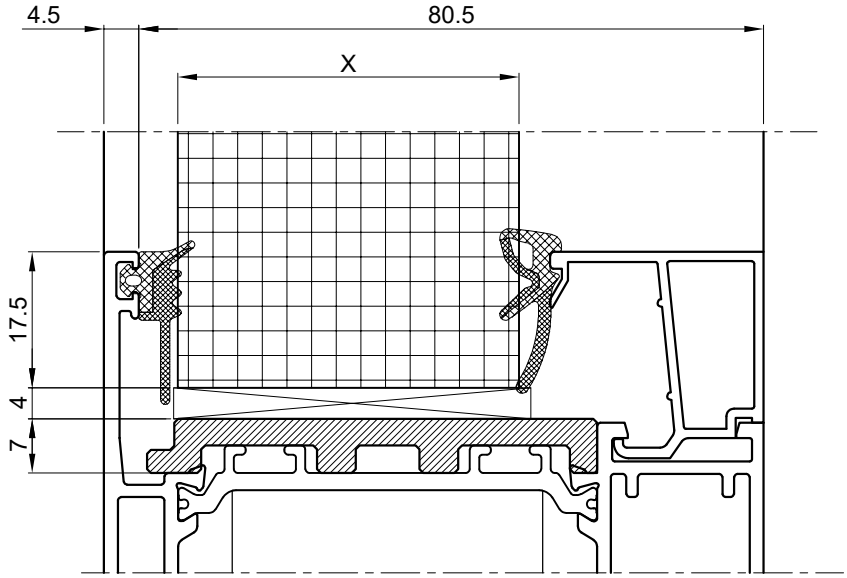
Fiksno
Festfeld



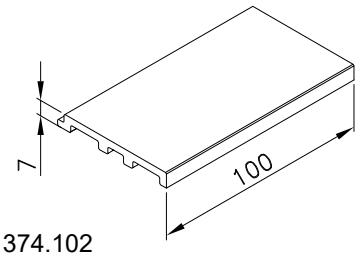

| Vanjska brtva<br>äußere Dichtung | Unutarnja brtva<br>innere Dichtung |
|---|---|
| 327.001 | 317.001 |
|  |  |



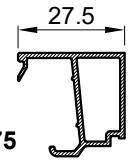
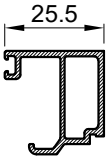
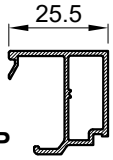





- PVC podmetač za staklo
- Kunststoff Verglasungsklotz




374.102

| Ispuna X<br>Füllung X | Vanjska brtva<br>äußere Dichtung | Unutarnja brtva<br>innere Dichtung | STAKLO LAJSNE<br>GLASLEISTEN<br>M1:2 | |
|---|---|---|---|---|
| 44 | 327.001 | 317.001 |  <br>**F-1575** | |
| 46 | 327.001 | 317.001 |  <br>**Z40-667** |  <br>**Z40-667/P** |

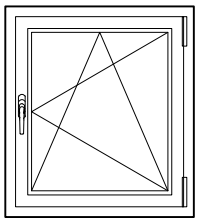
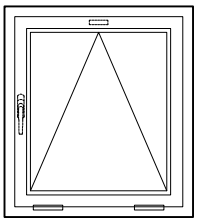
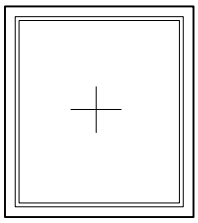
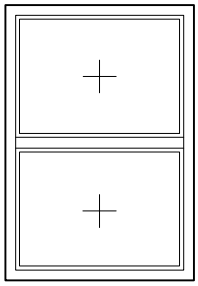
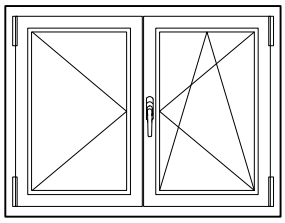
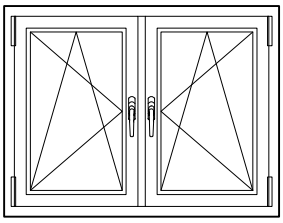
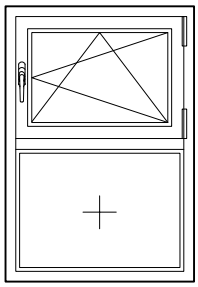
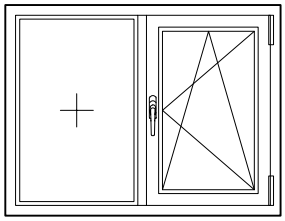
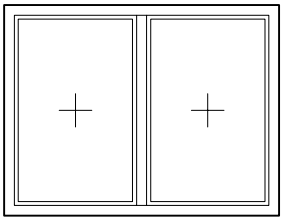
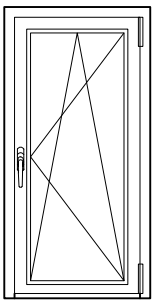
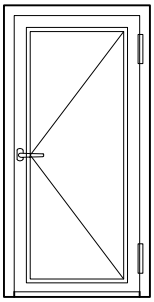
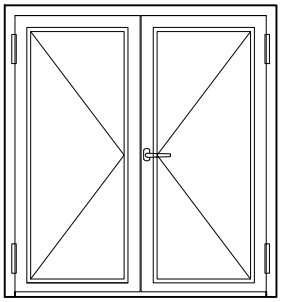
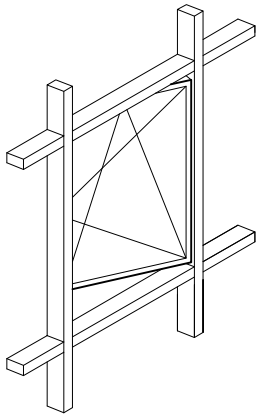


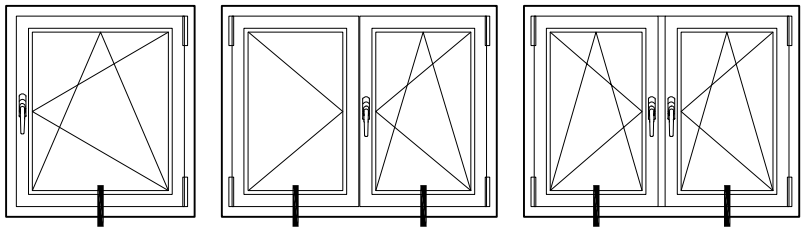


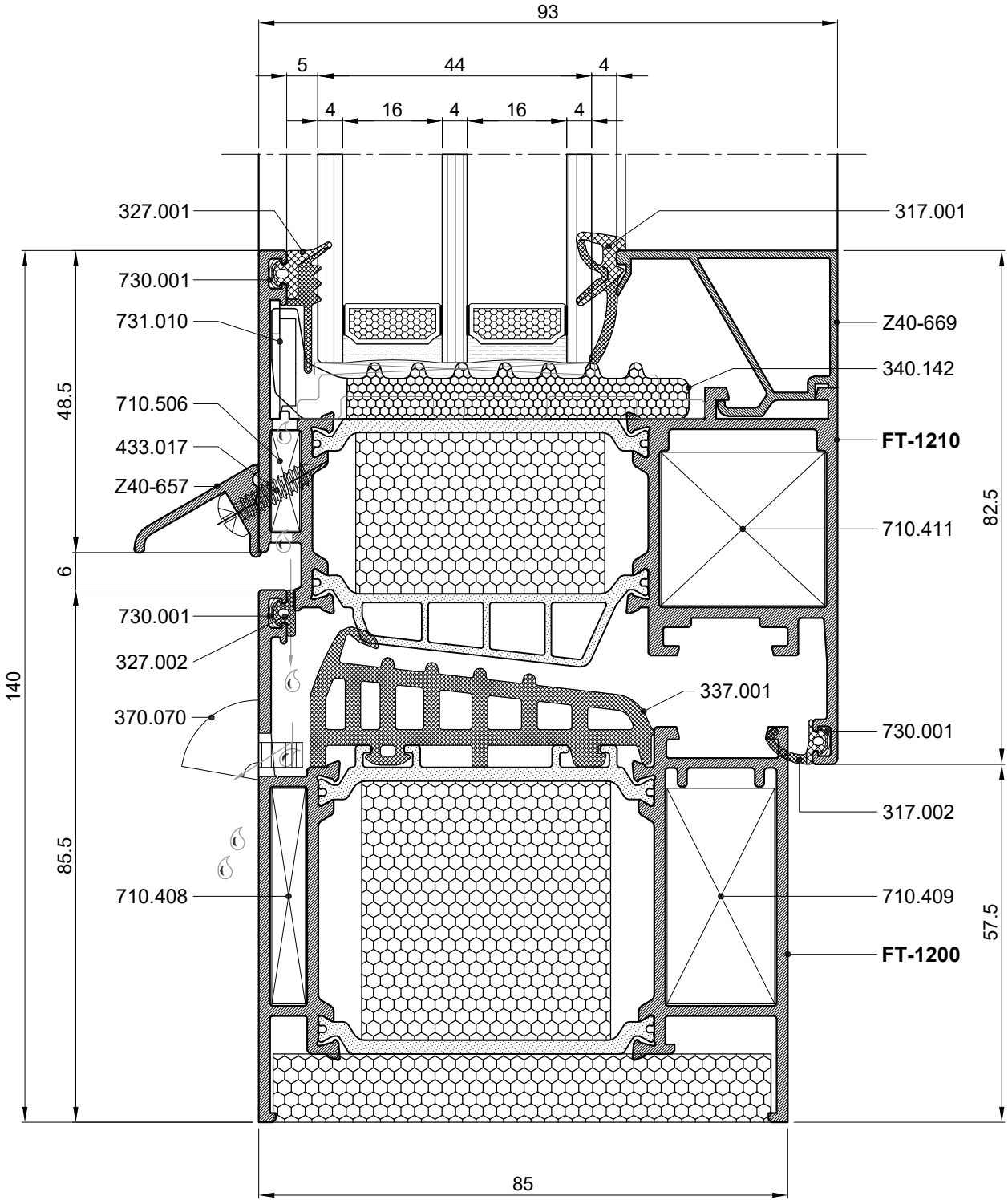


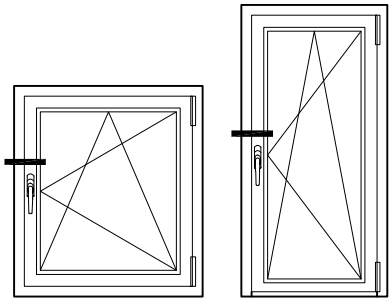
Ispuna /Füllung : 44mm (4+16+4+16+4)
Ispuna /Füllung : 44mm (6+15+4+15+4)
Ispuna /Füllung : 46mm (6+16+4+16+4)
Ispuna /Füllung : 46mm (6+15+4+15+6)

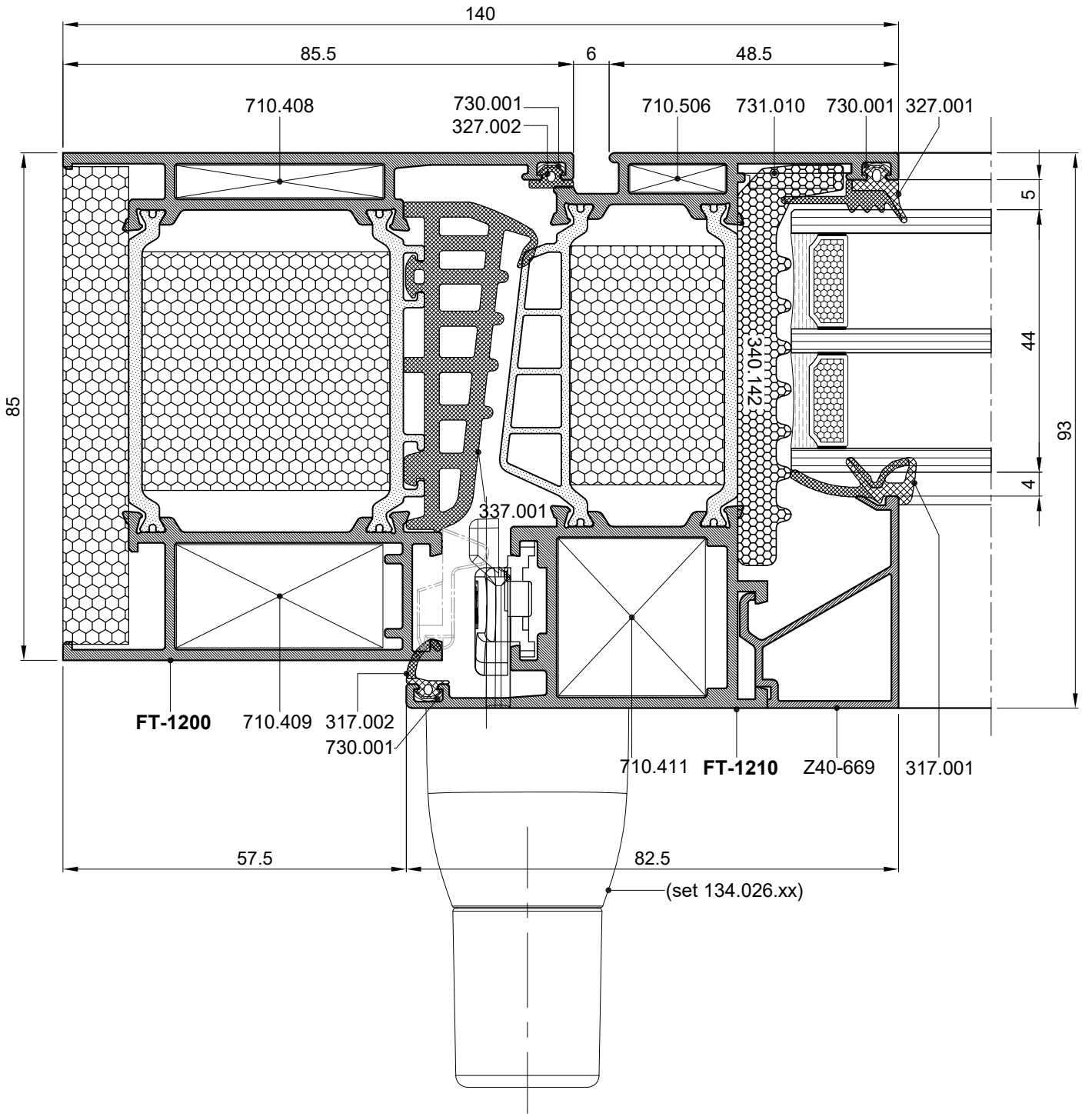
# Presjeci
# Querschnitte

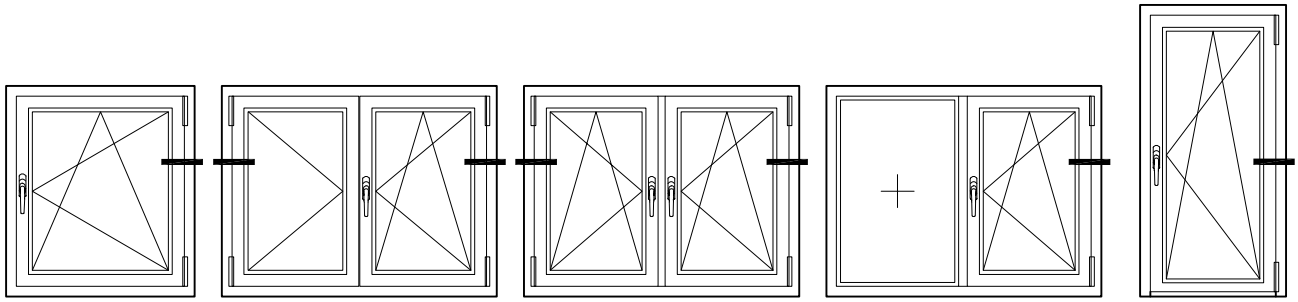














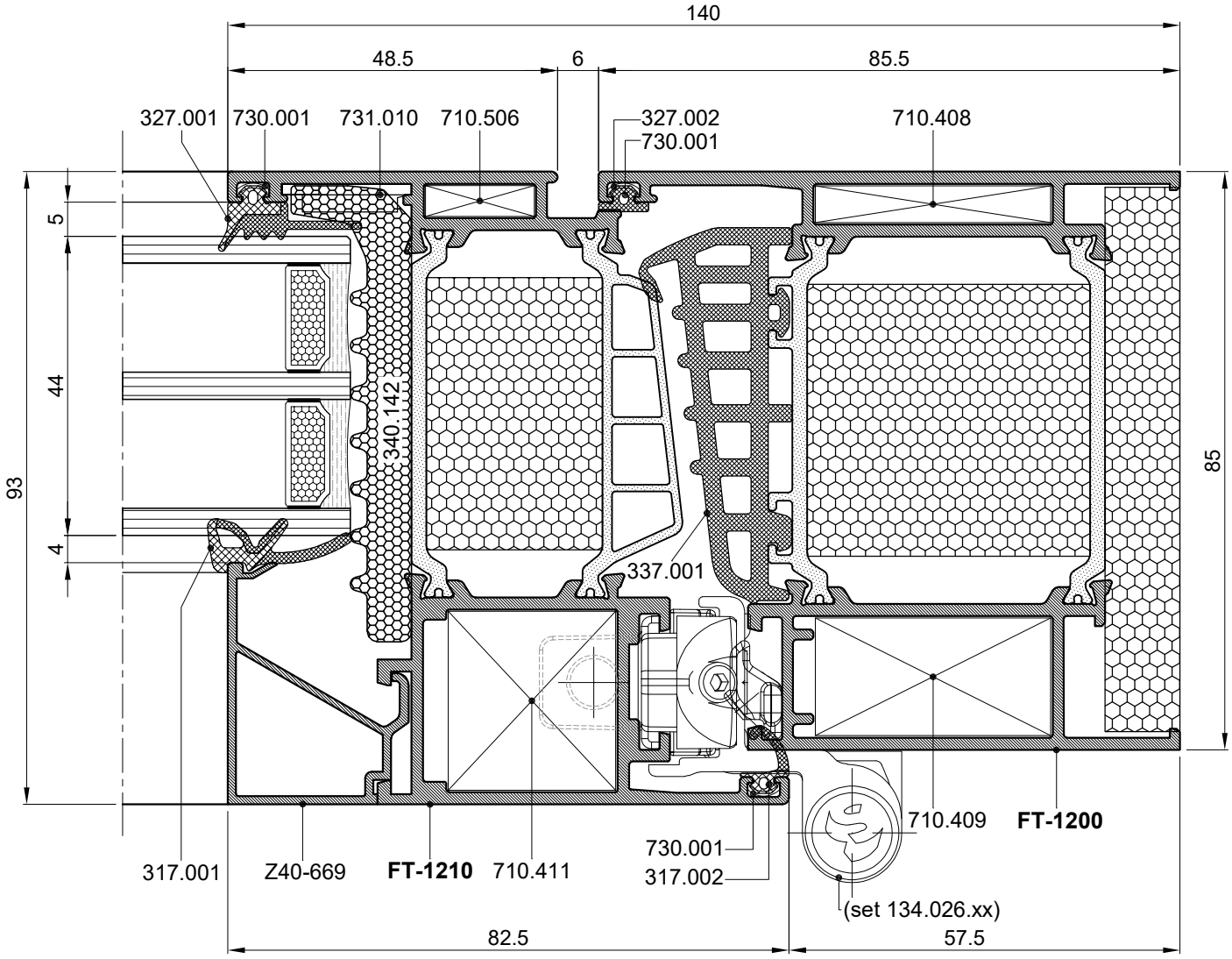


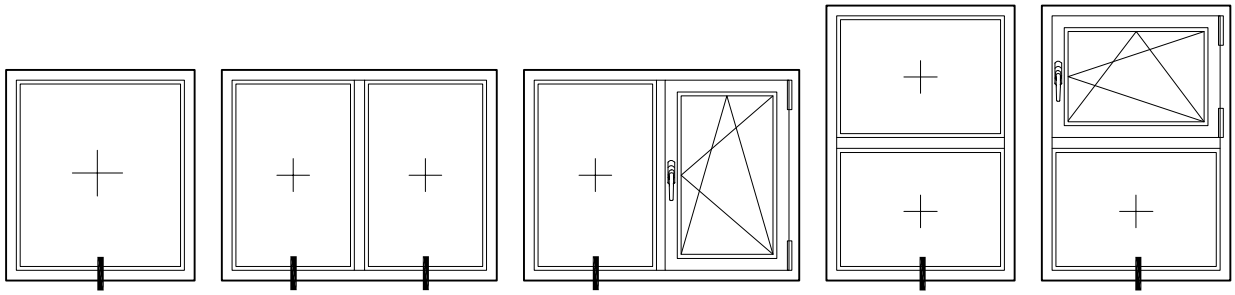

93
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44
4
4
16
4
16
4
327.001
317.001
730.001
731.010
Z40-669
340.142
710.506
433.017
FT-1210
Z40-657
710.411
48.5
82.5
6
730.001
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317.002
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710.408
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57.5
FT-1200
85

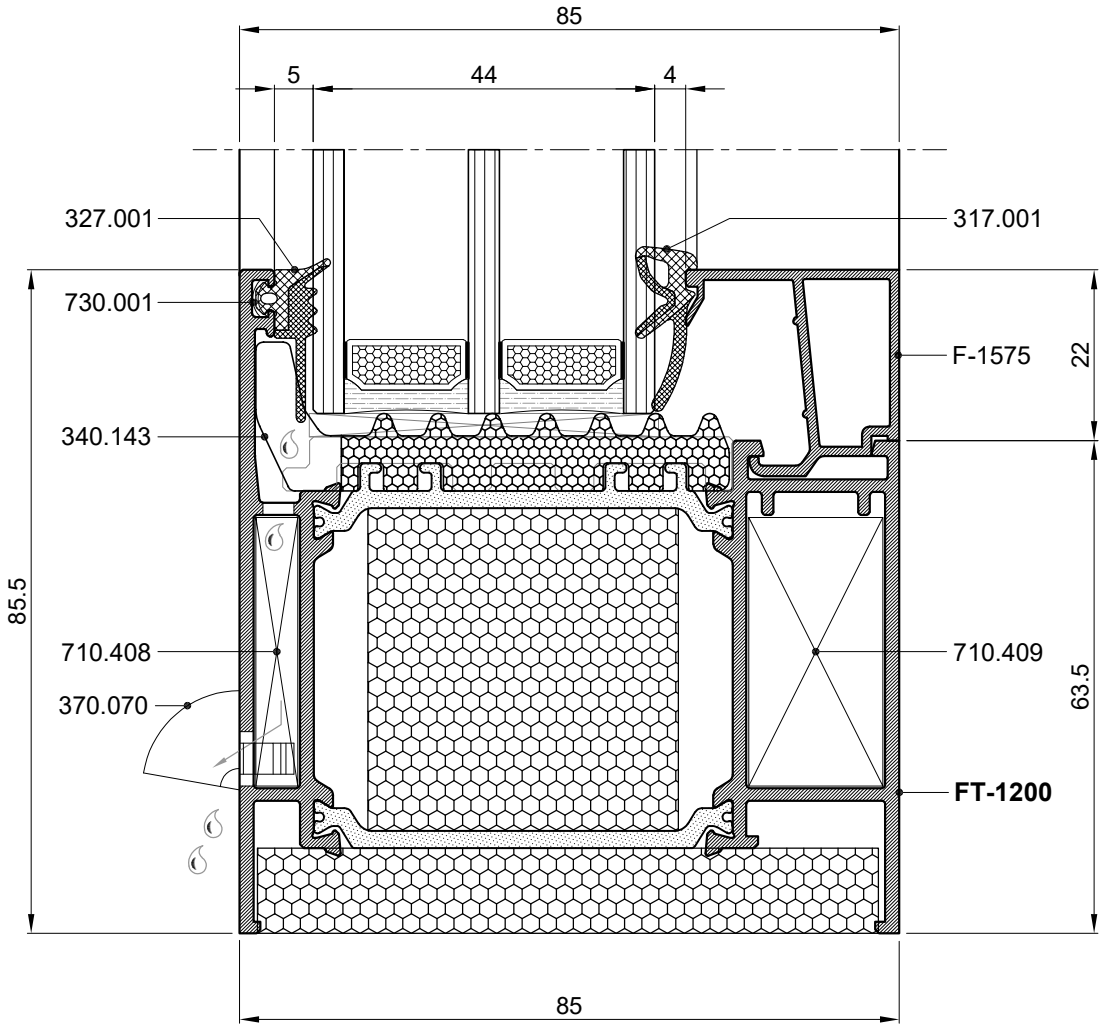


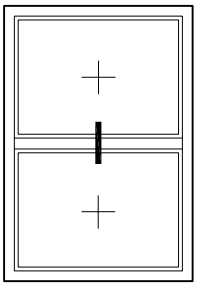

140
85.5
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48.5
710.408
730.001
327.002
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731.010
730.001
327.001
5
44
4
93
85
340.142
337.001
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317.001
57.5
82.5
(set 134.026.xx)

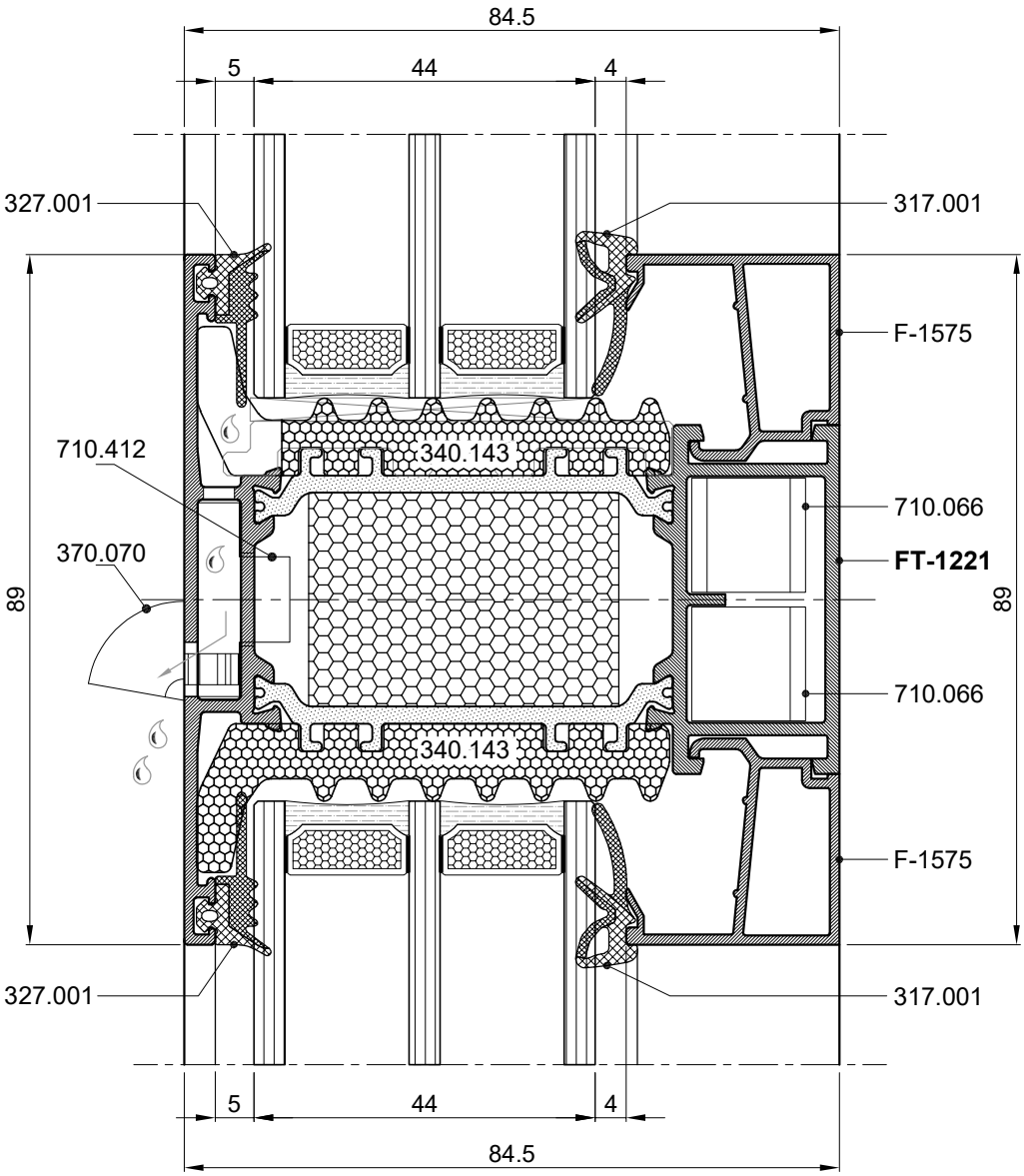


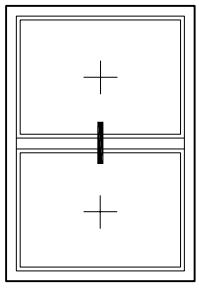

140
48.5
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85.5
327.001
730.001
731.010
710.506
327.002
730.001
710.408
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FT-1210
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710.409
FT-1200
(set 134.026.xx)
82.5
57.5

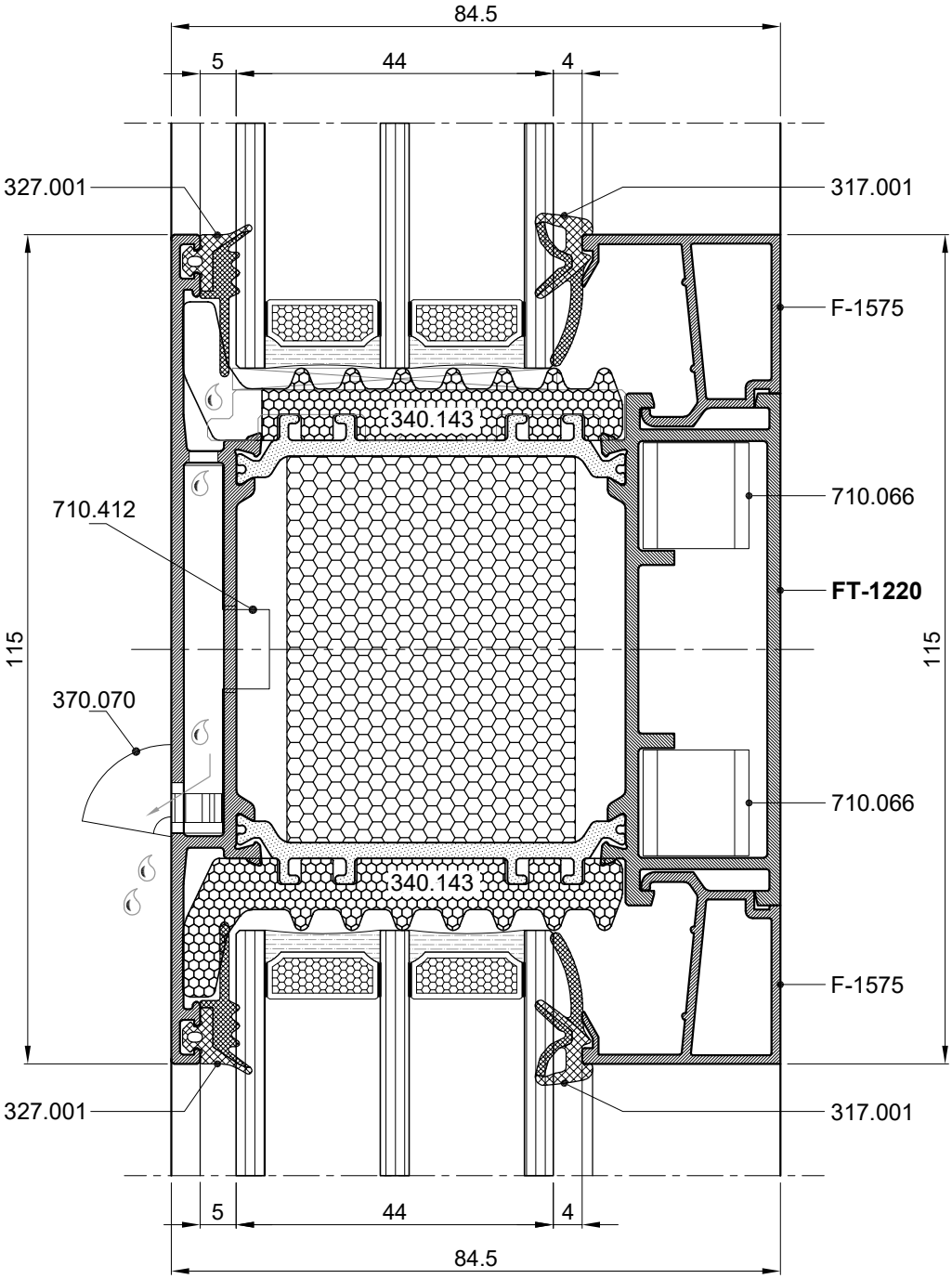


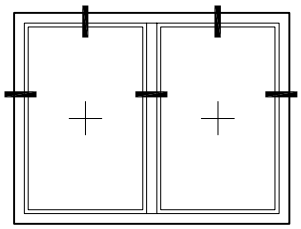

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F-1575
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340.143
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370.070
63.5
FT-1200
85

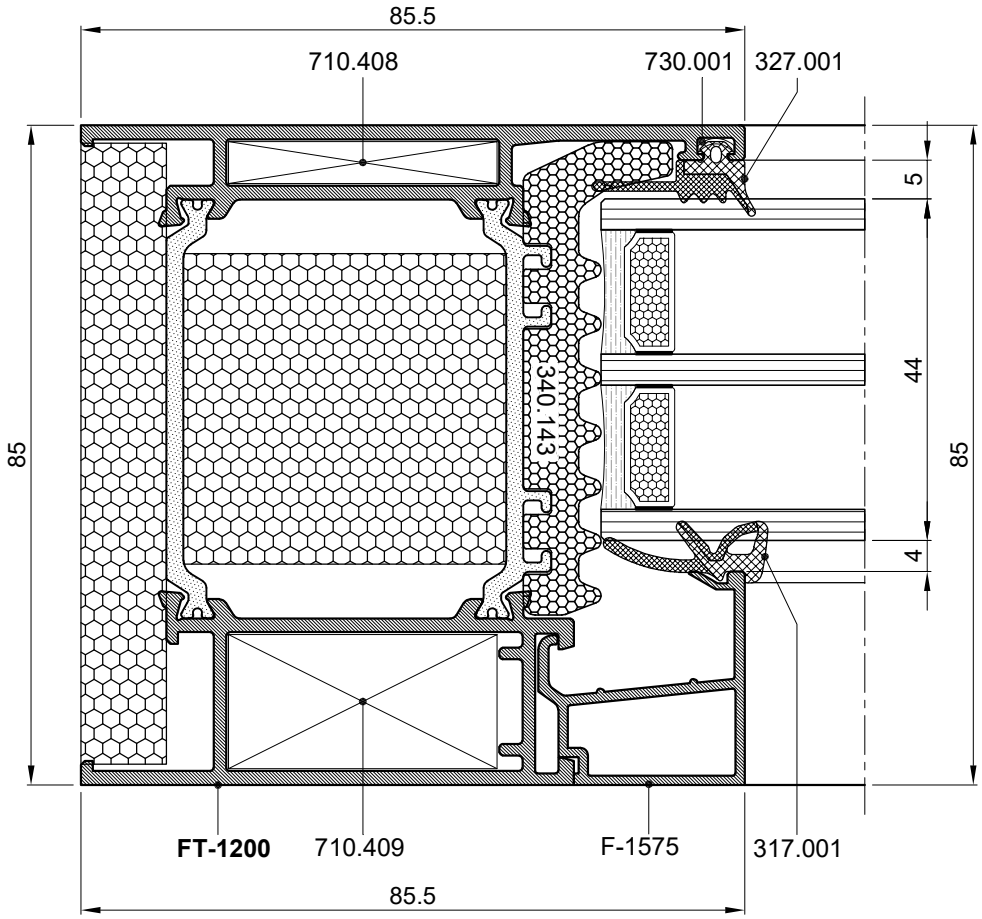


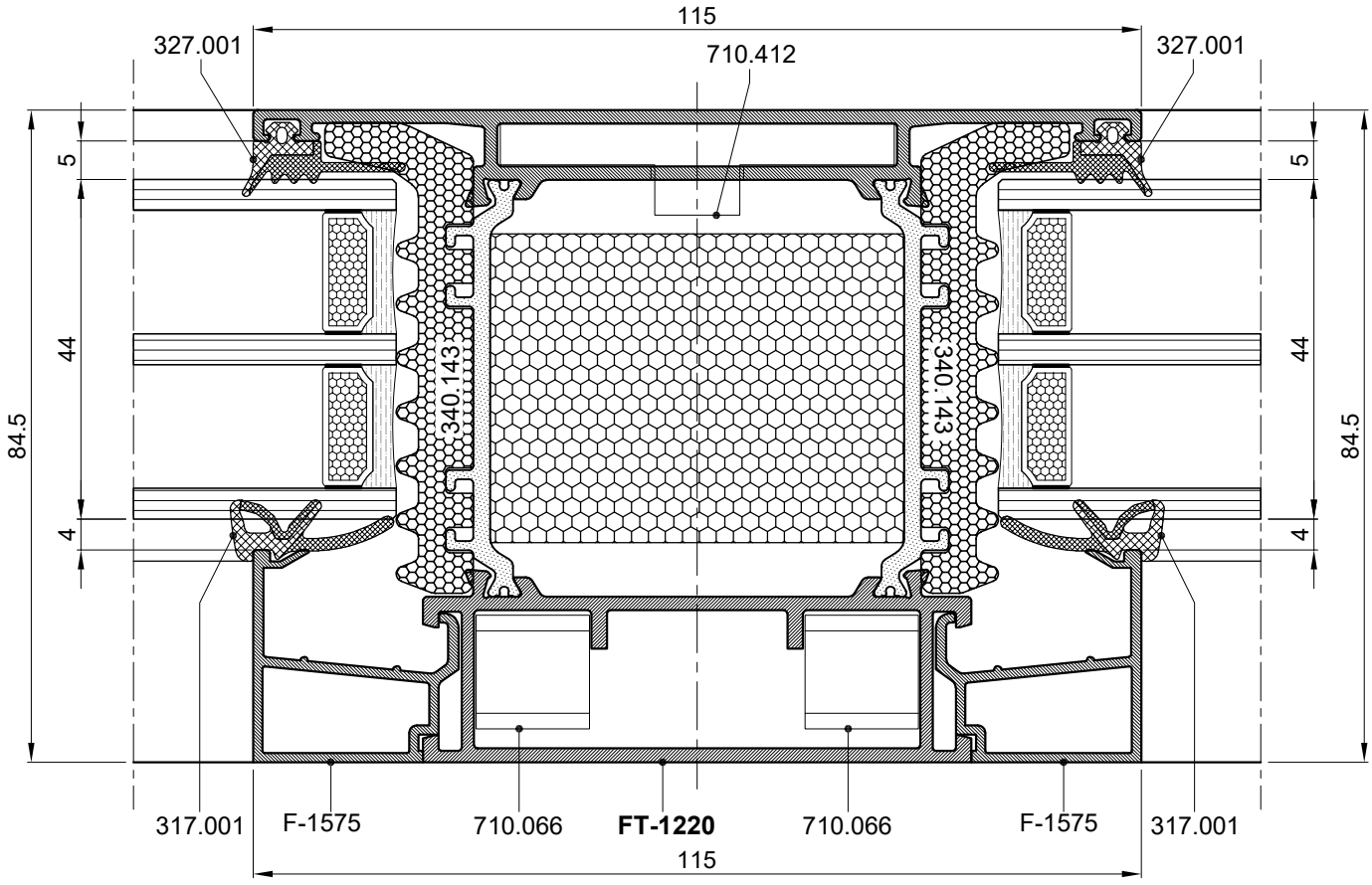

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317.001
F-1575
710.412
340.143
710.066
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F-1575
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4
84.5

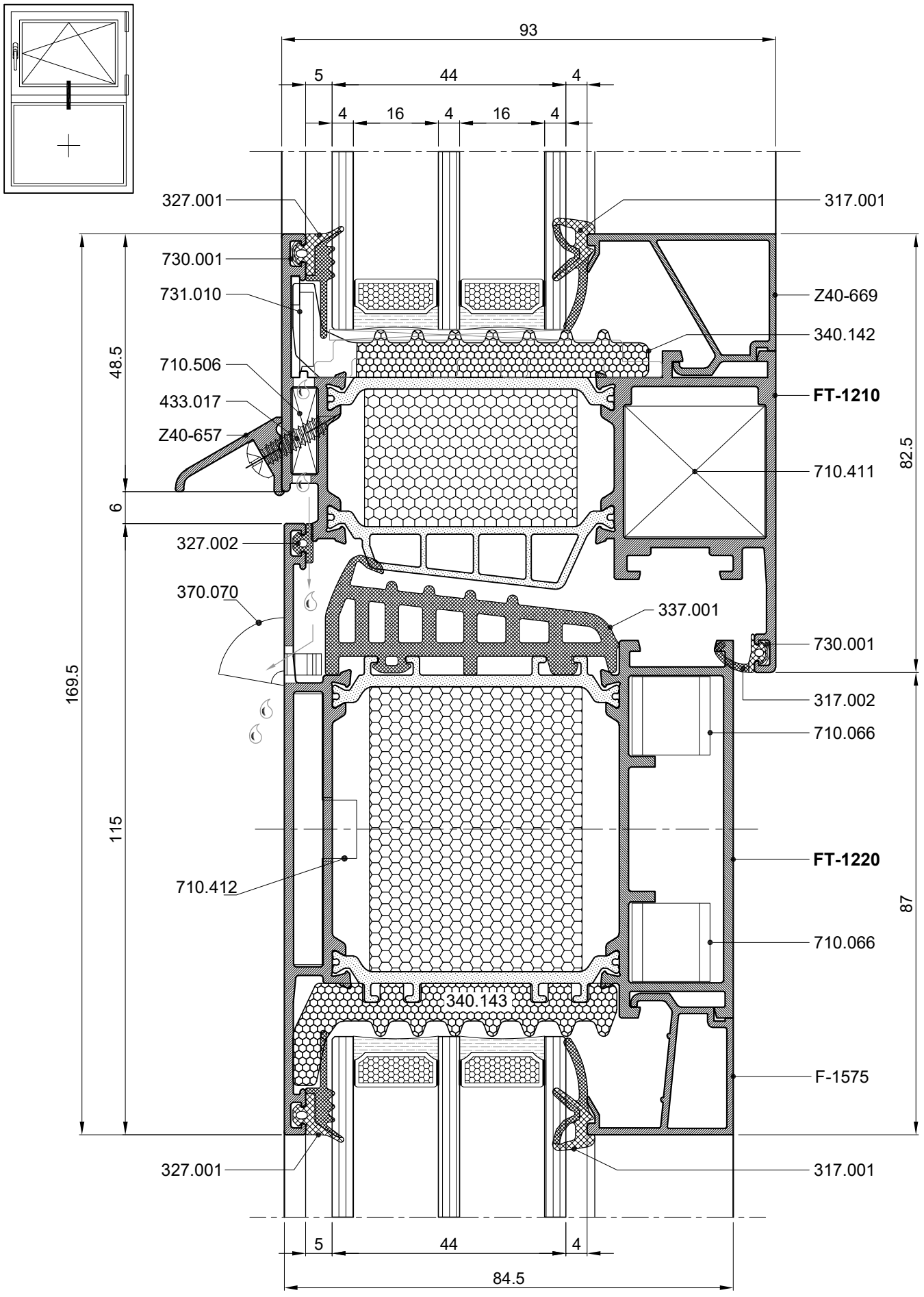


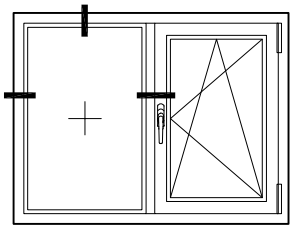

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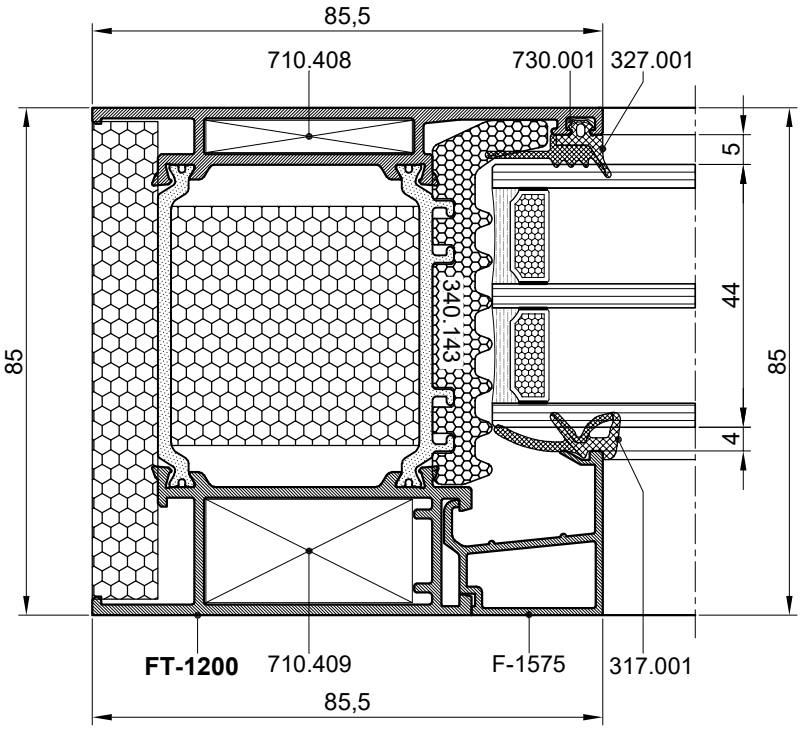


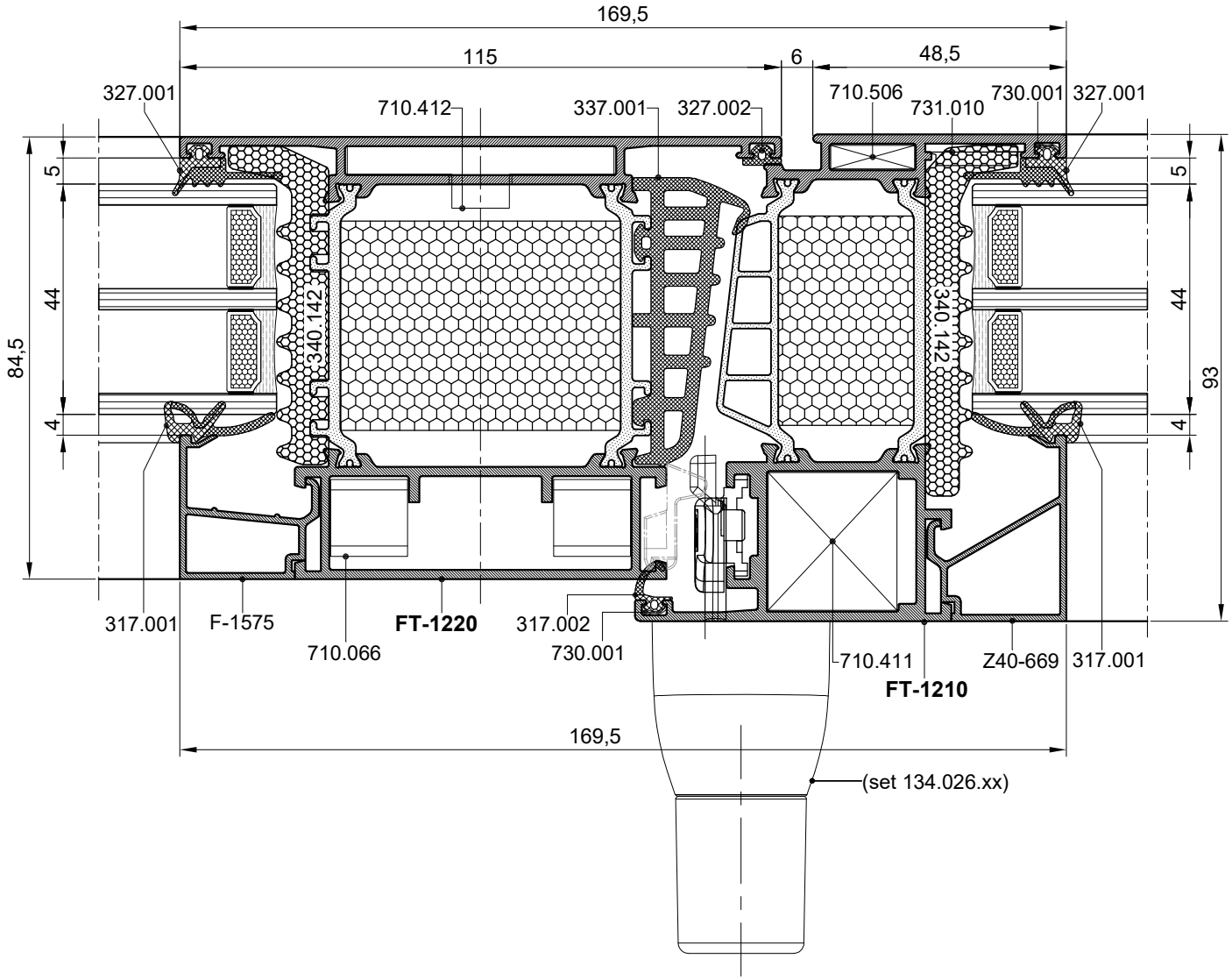

85.5
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340.143
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317.001
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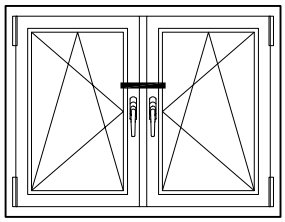

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327.001
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317.001
115

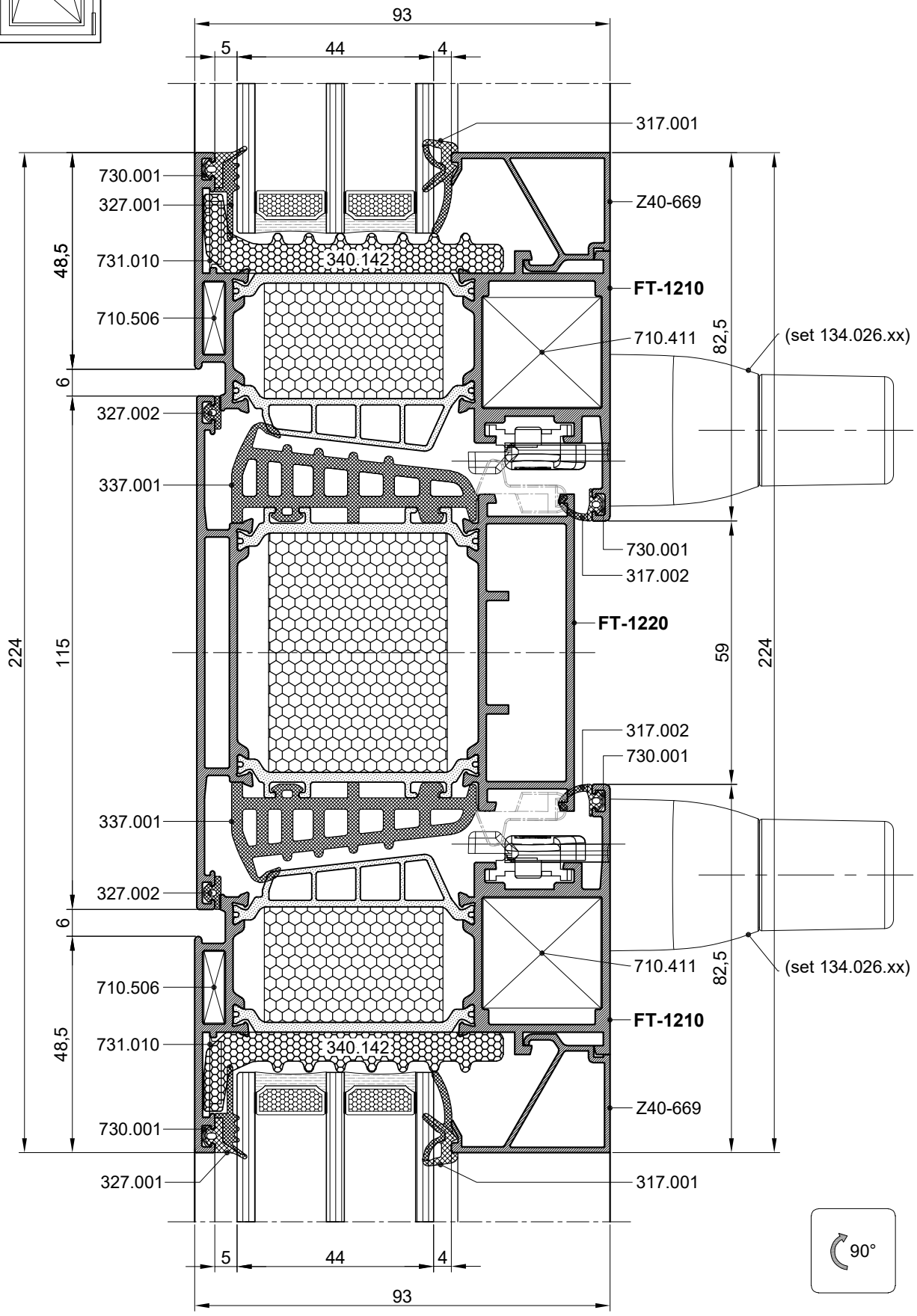

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337.001
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710.066
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44
4
84.5

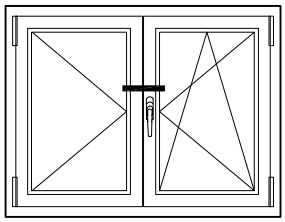


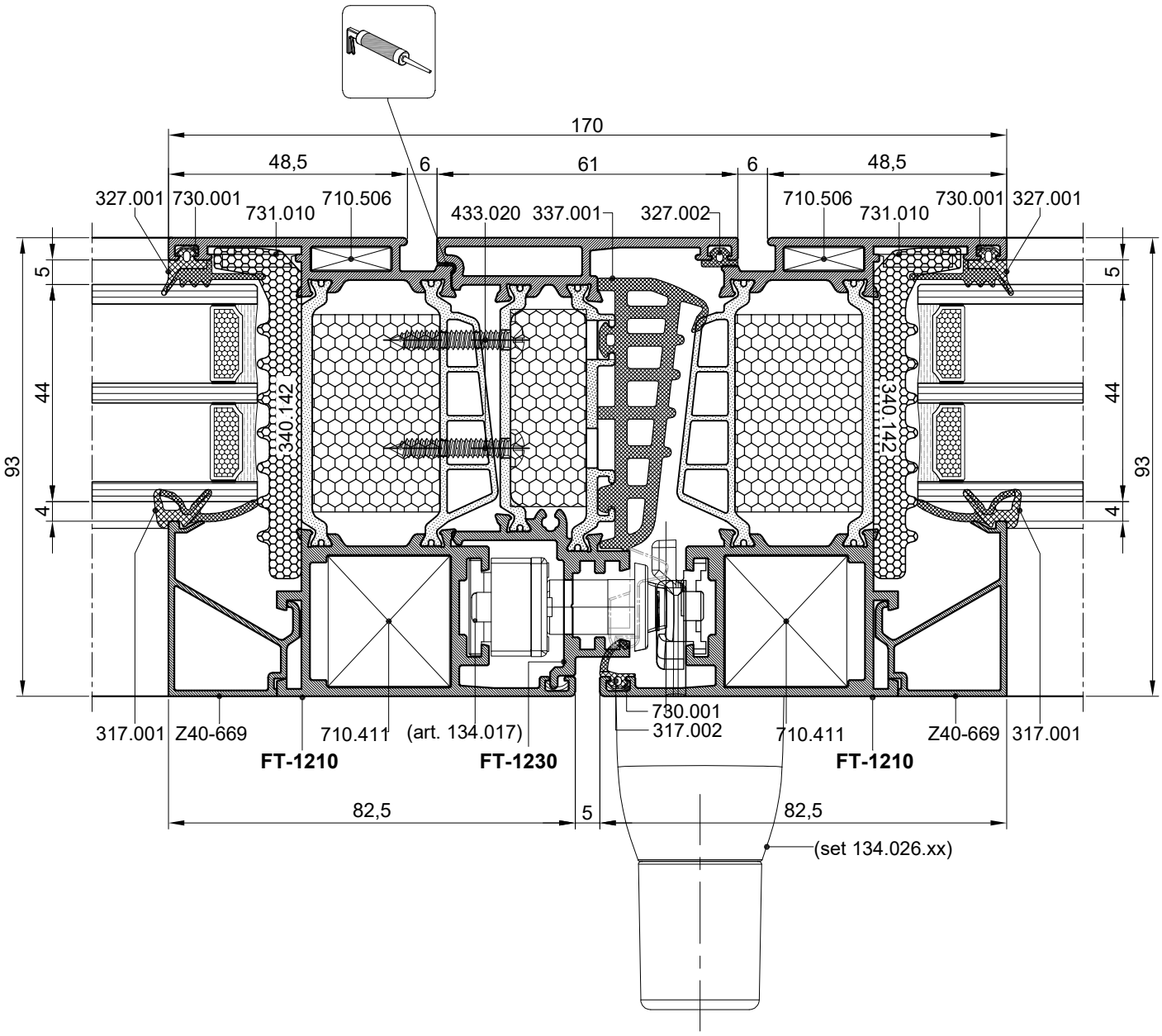

85,5
710.408
730.001
327.001
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44
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340.143
FT-1200
710.409
F-1575
317.001
85,5


169,5
115
6
48,5
327.001
710.412
337.001
327.002
710.506
731.010
730.001
327.001
5
44
4
84,5
340.142
5
44
93
4
317.001
F-1575
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(set 134.026.xx)



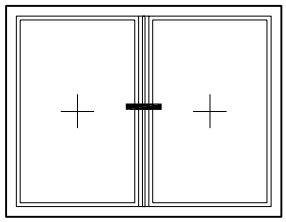

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317.001
730.001
327.001
731.010
340.142
710.506
Z40-669
FT-1210
710.411
82,5
(set 134.026.xx)
48,5
6
327.002
337.001
730.001
317.002
FT-1220
224
115
59
224
317.002
730.001
337.001
327.002
6
710.411
82,5
(set 134.026.xx)
710.506
731.010
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FT-1210
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Z40-669
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317.001
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90°

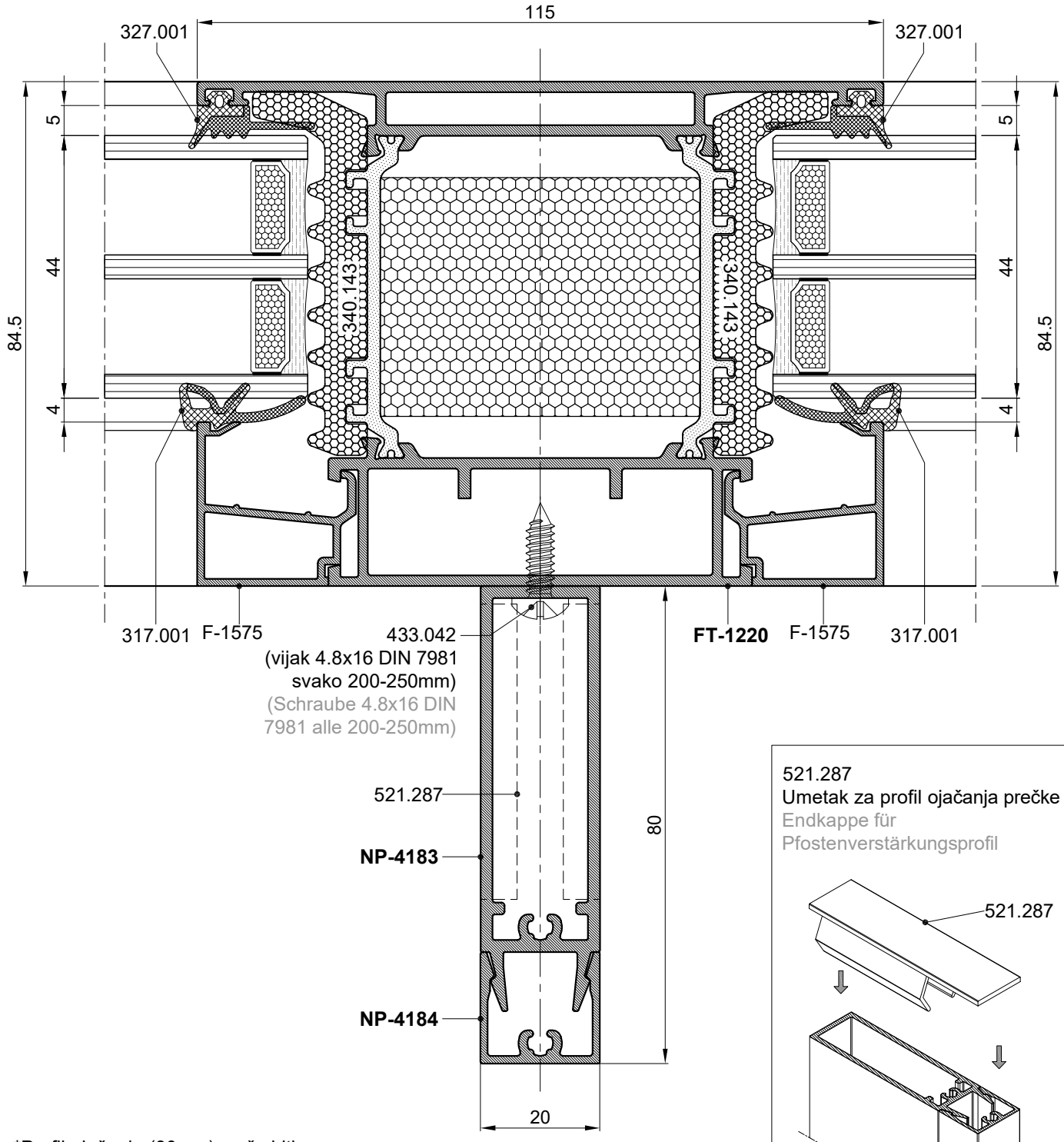







ljepilo za metal
(npr. Teroson MS 939)
Metallkleber
(z.B. Teroson MS 939)

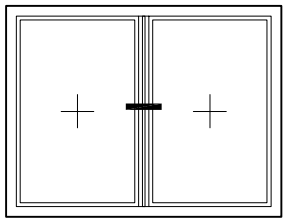


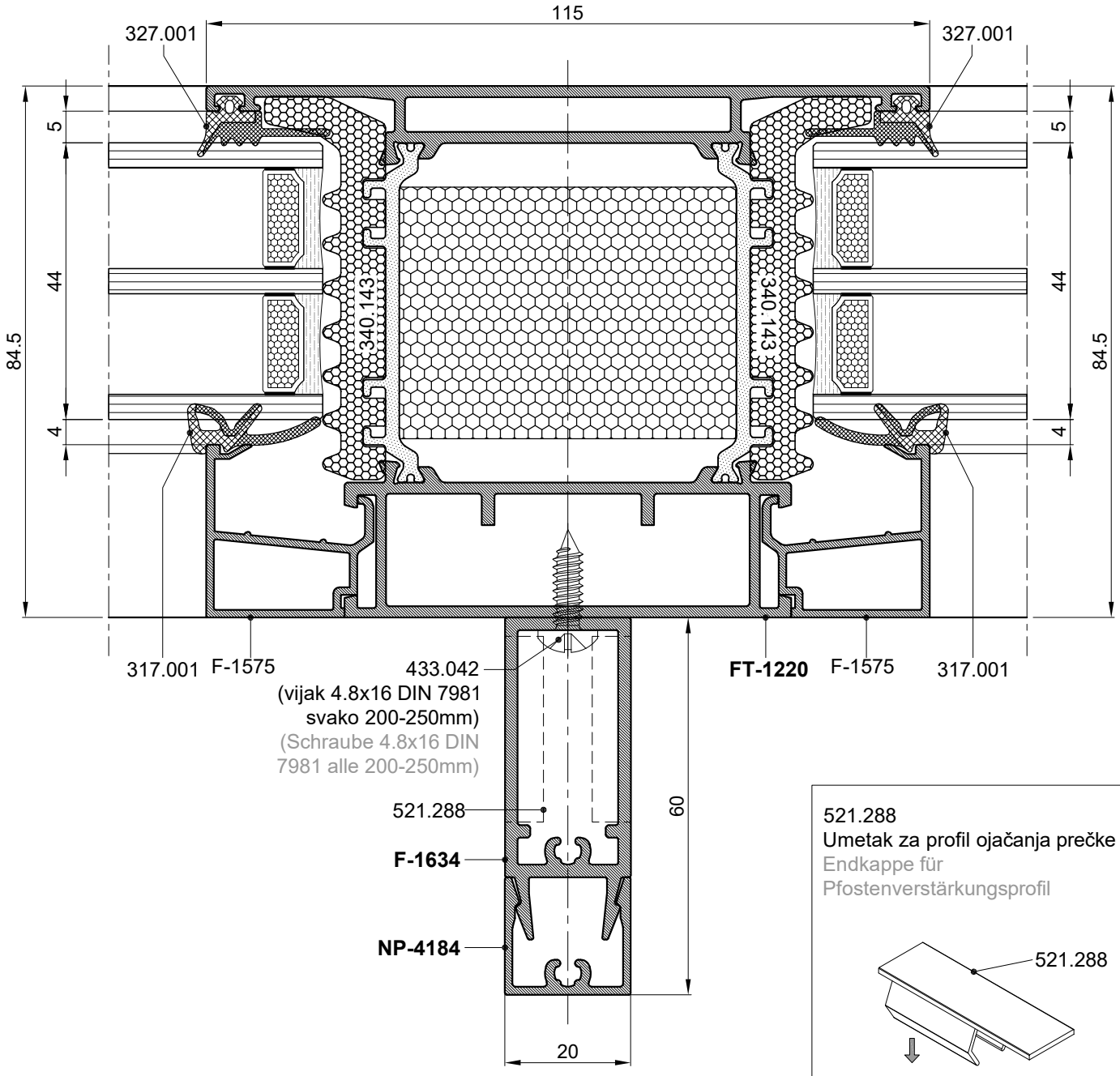



521.287
Umetak za profil ojačanja prečke
Endkappe für
Pfostenverstärkungsprofil

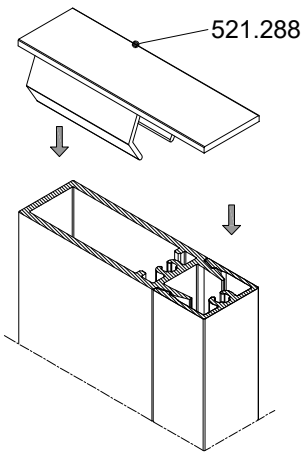



*Profil ojačanja (80mm) može biti sa unutarnje ili vanjske strane.
Das Verstärkungsprofil (80 mm) kann auf der Innen- oder Außenseite platziert werden.

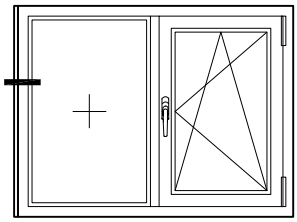


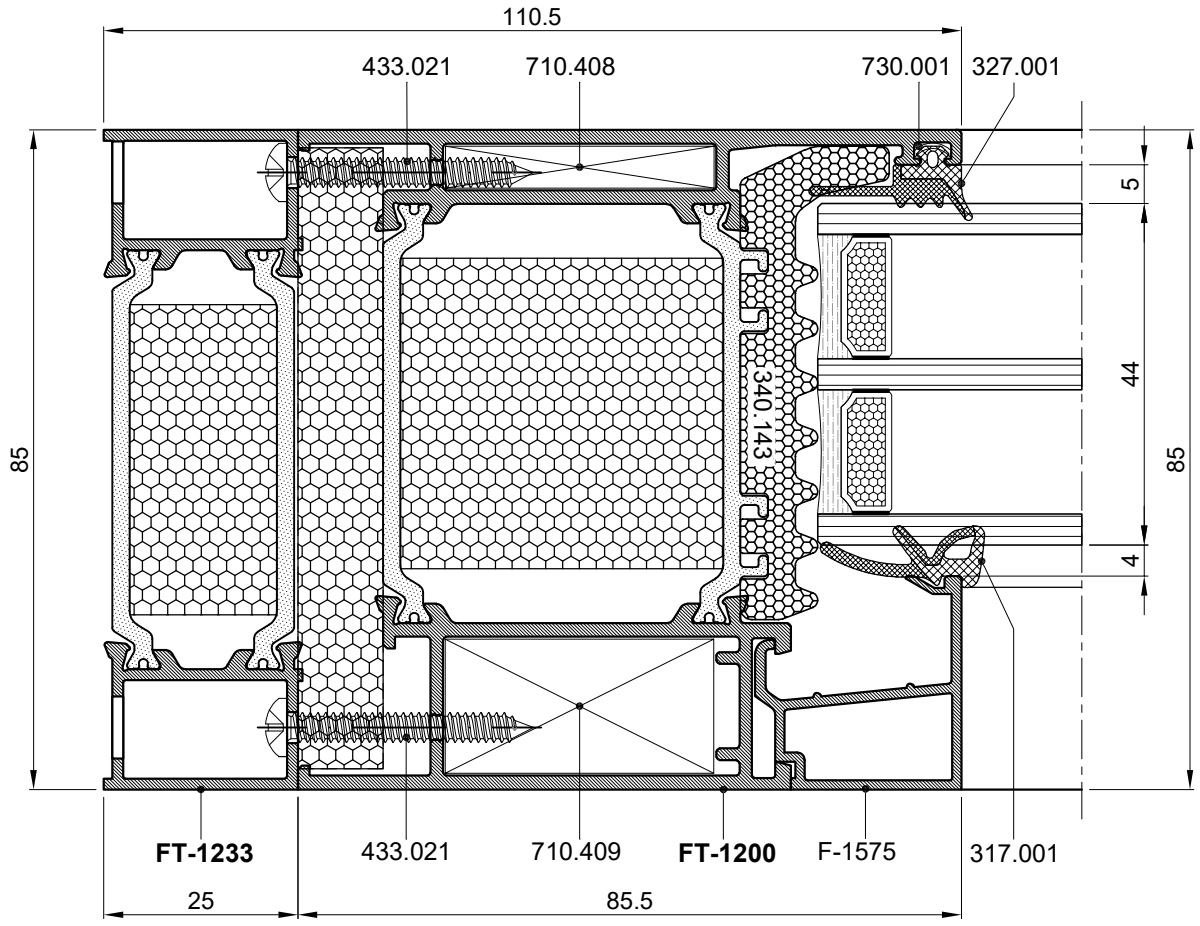


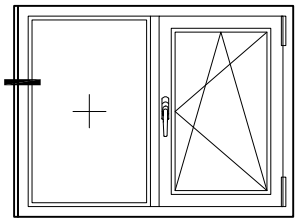

521.288
Umetak za profil ojačanja prečke
Endkappe für
Pfostenverstärkungsprofil

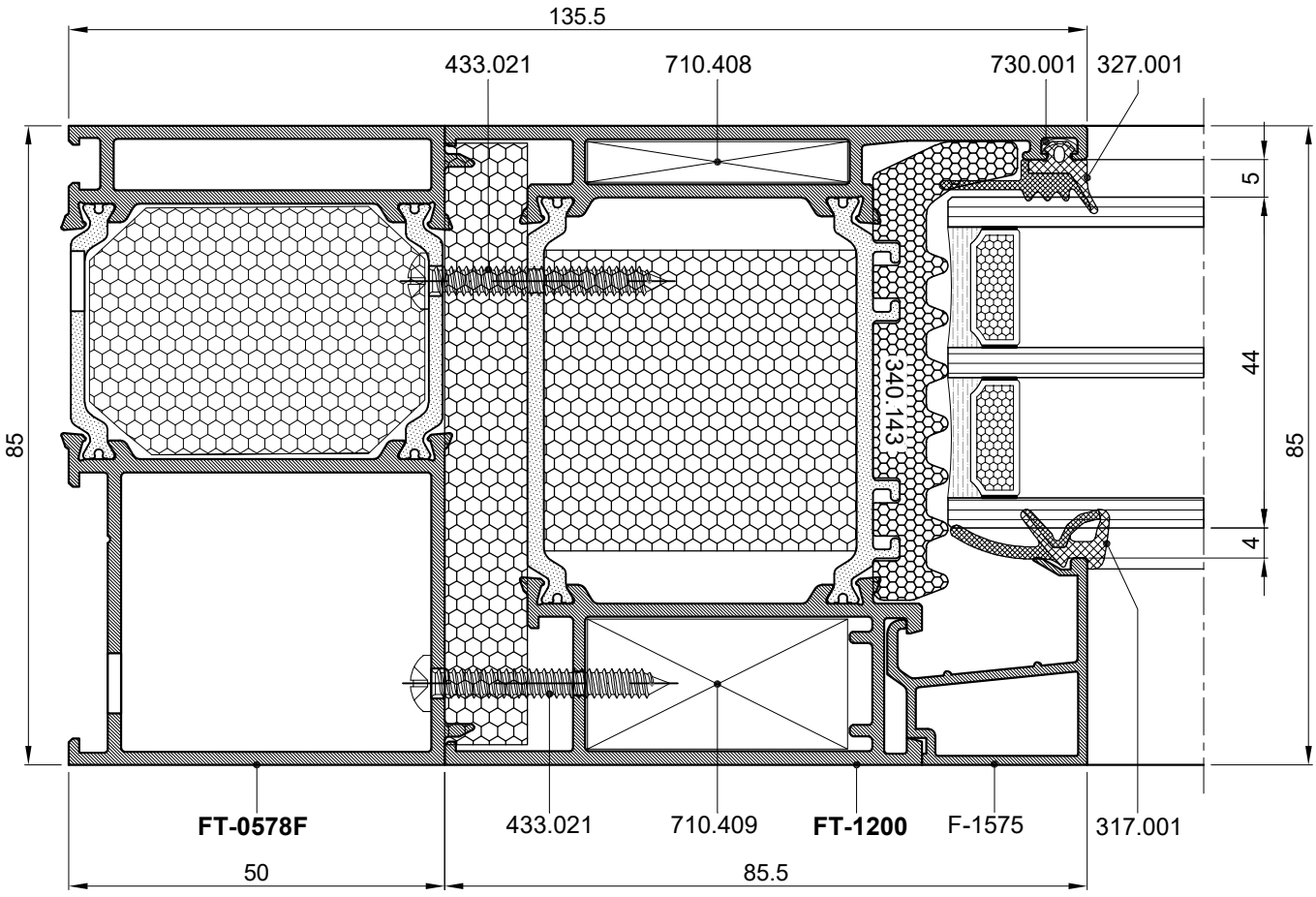


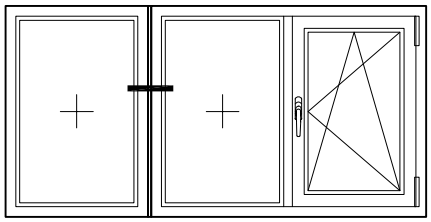

*Profil ojačanja (60mm) može biti sa unutarnje ili vanjske strane.
Das Verstärkungsprofil (60 mm) kann auf der Innen- oder Außenseite platziert werden.

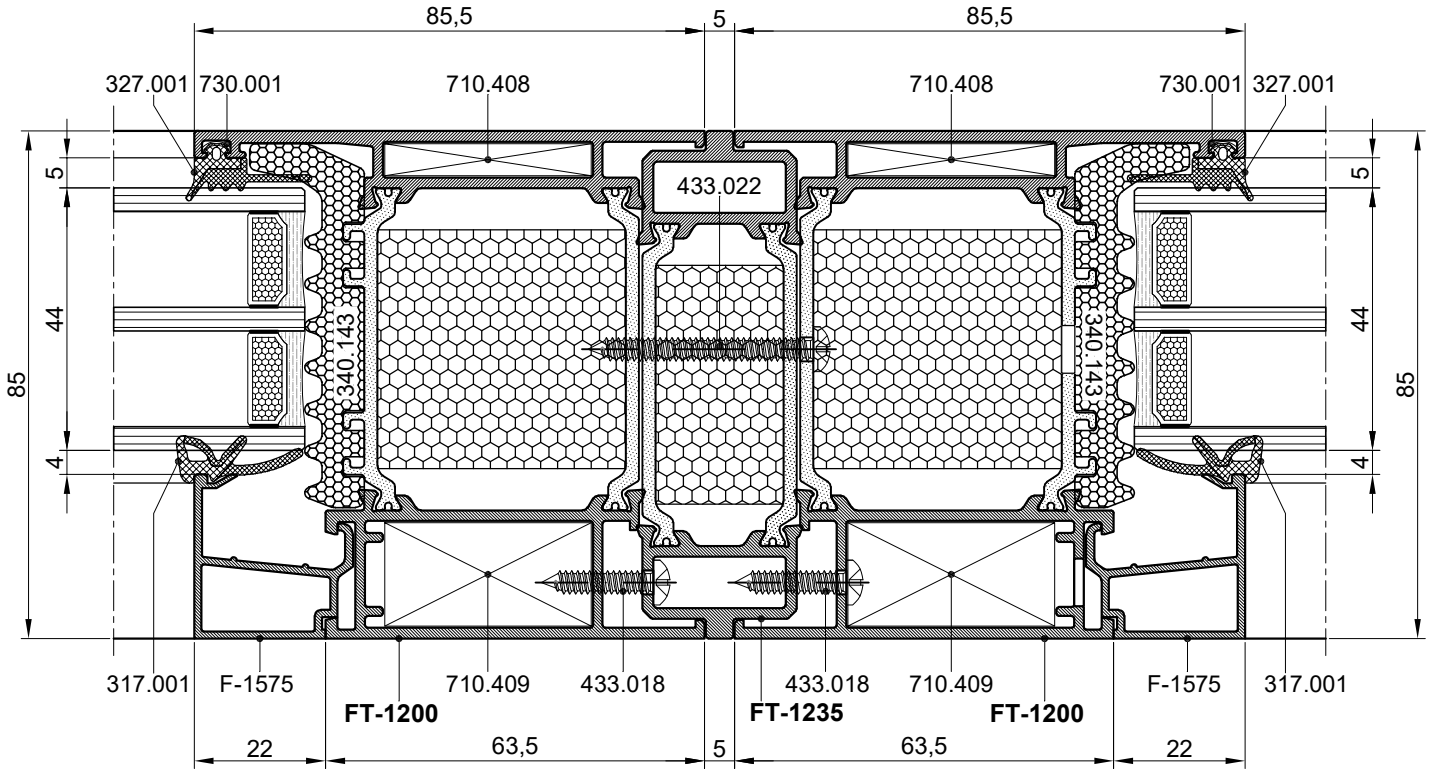



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340.143
FT-1233
433.021
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FT-1200
F-1575
317.001
25
85.5

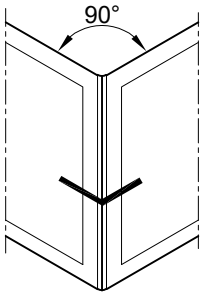


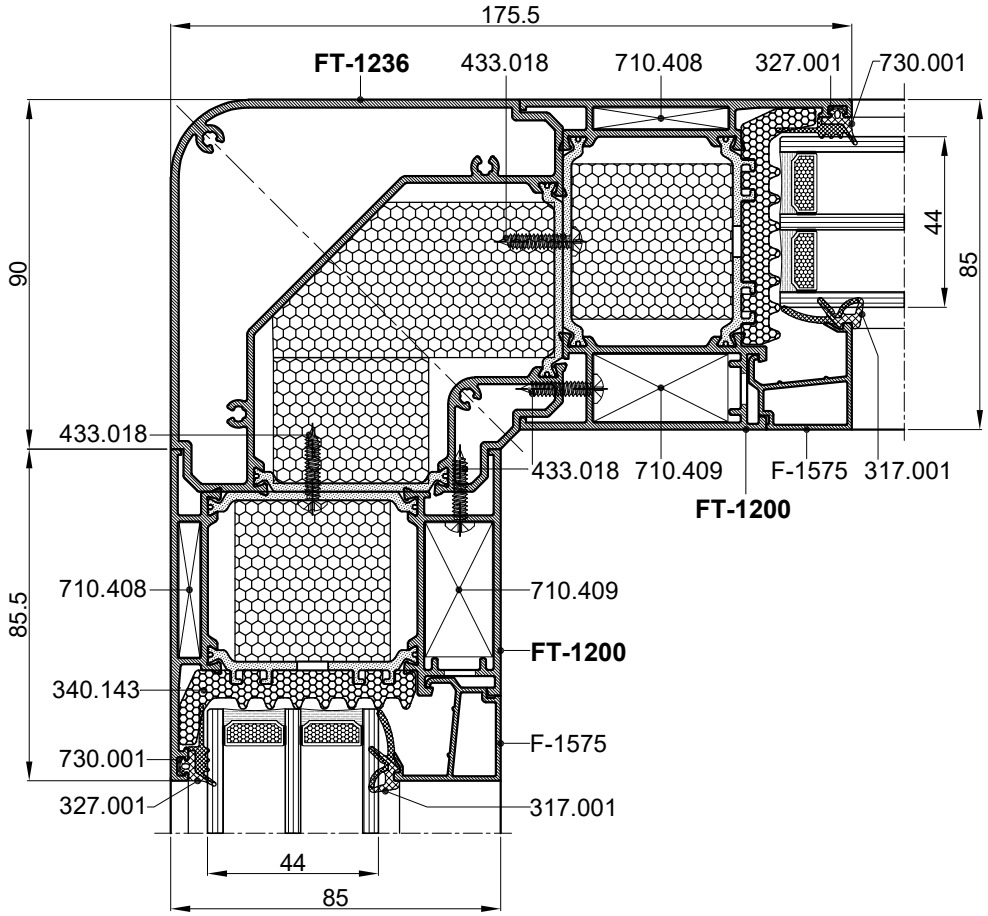

135.5
433.021
710.408
730.001
327.001
85
5
44
4
85
340.143
FT-0578F
433.021
710.409
FT-1200
F-1575
317.001
50
85.5



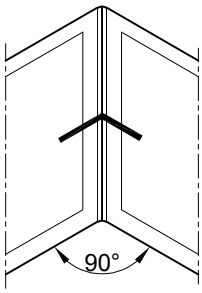

85,5
5
85,5
327.001
730.001
710.408
710.408
730.001
327.001
433.022
5
44
4
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340.143
340.143
317.001
F-1575
710.409
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F-1575
317.001
FT-1200
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FT-1200
22
63,5
5
63,5
22

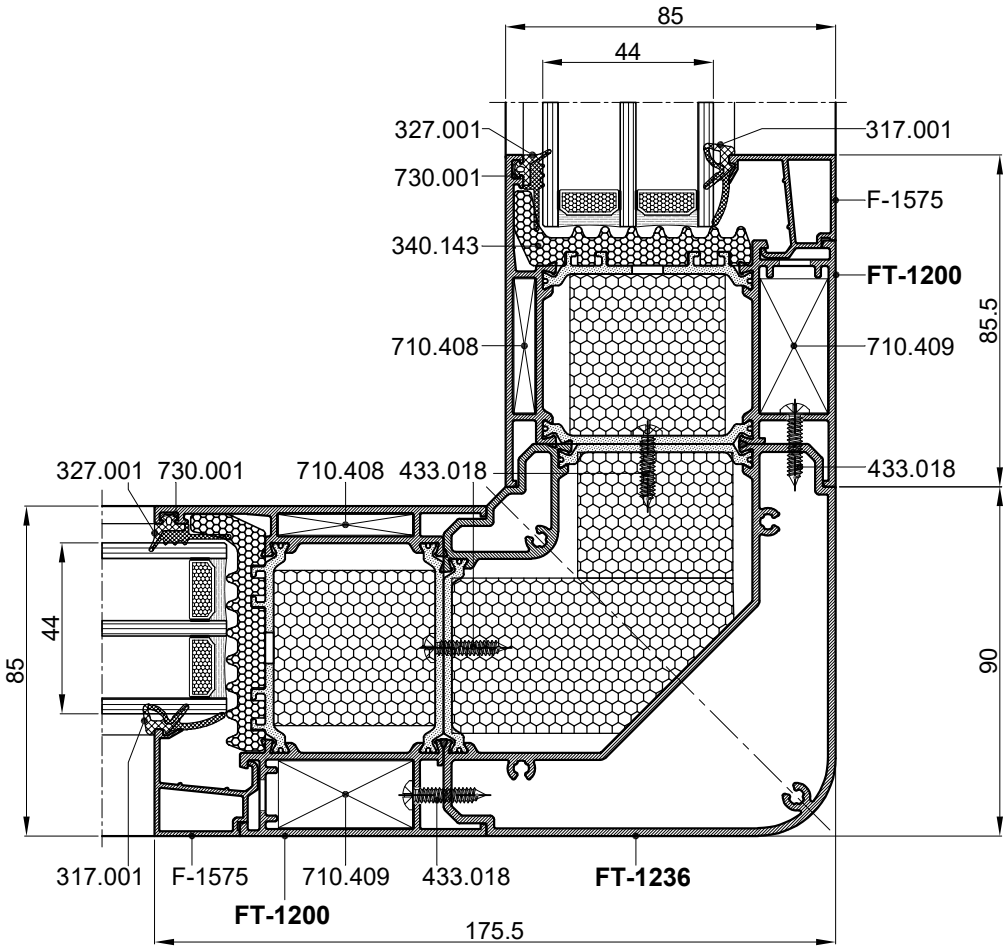
KUT PREMA VANI
AUßENECKE

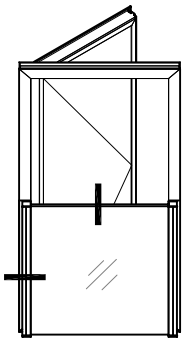



KUT PREMA UNUTRA
INNENECKE





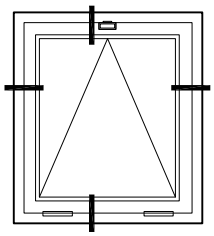


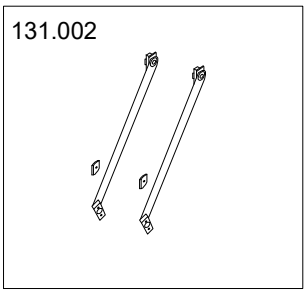

(brtve za staklo 88.4 VSG /Dichtungen für Glas 88.4 VSG)

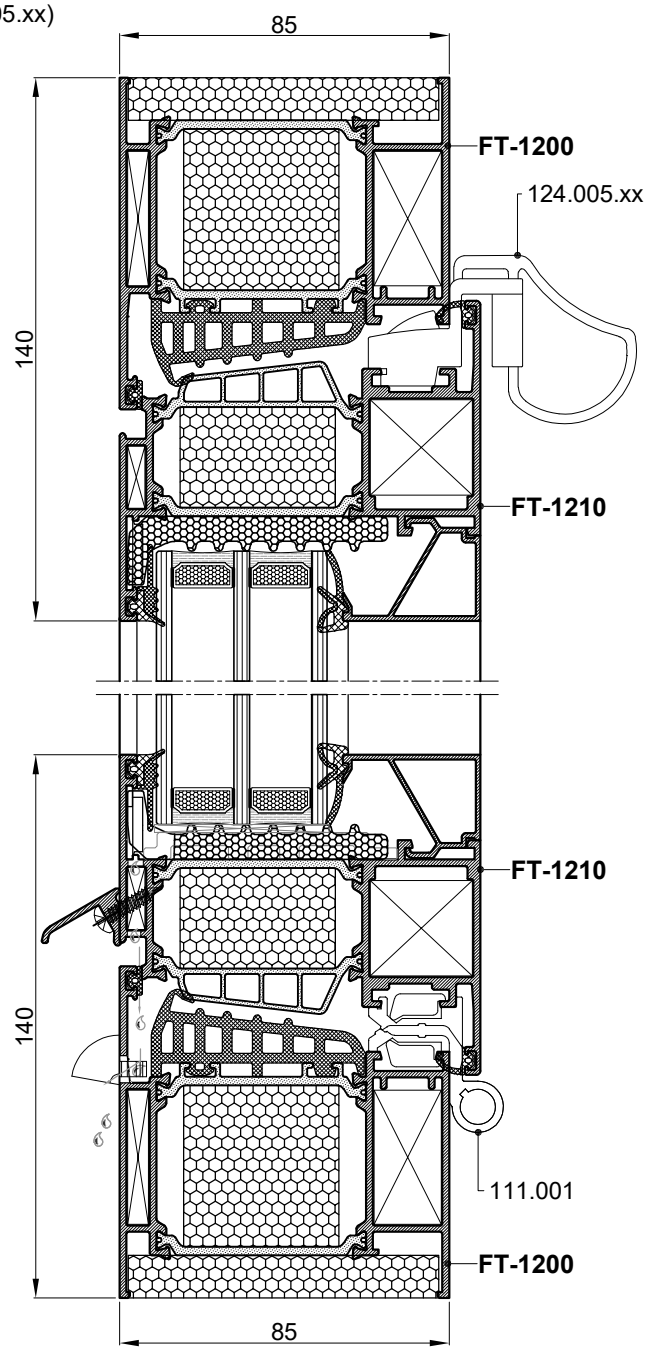
** 328.002

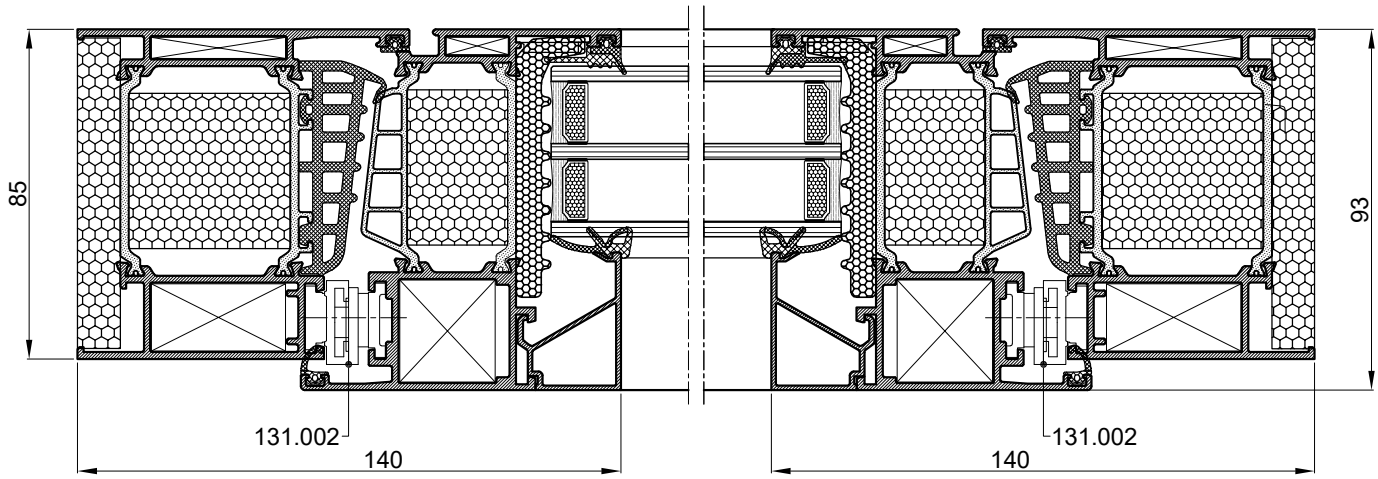
* 318.016

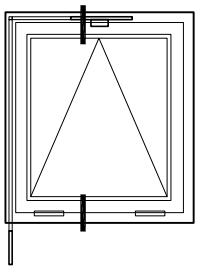
OTKLOPNI PROZOR - VENTUS s bravicom za zatvaranje - (124.005.xx)
KIPPFENSTER mit Schnäpper - (124.005.xx)



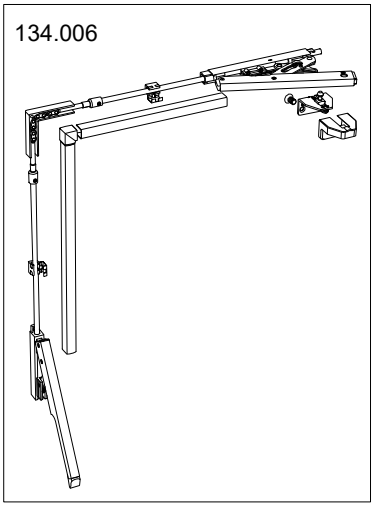


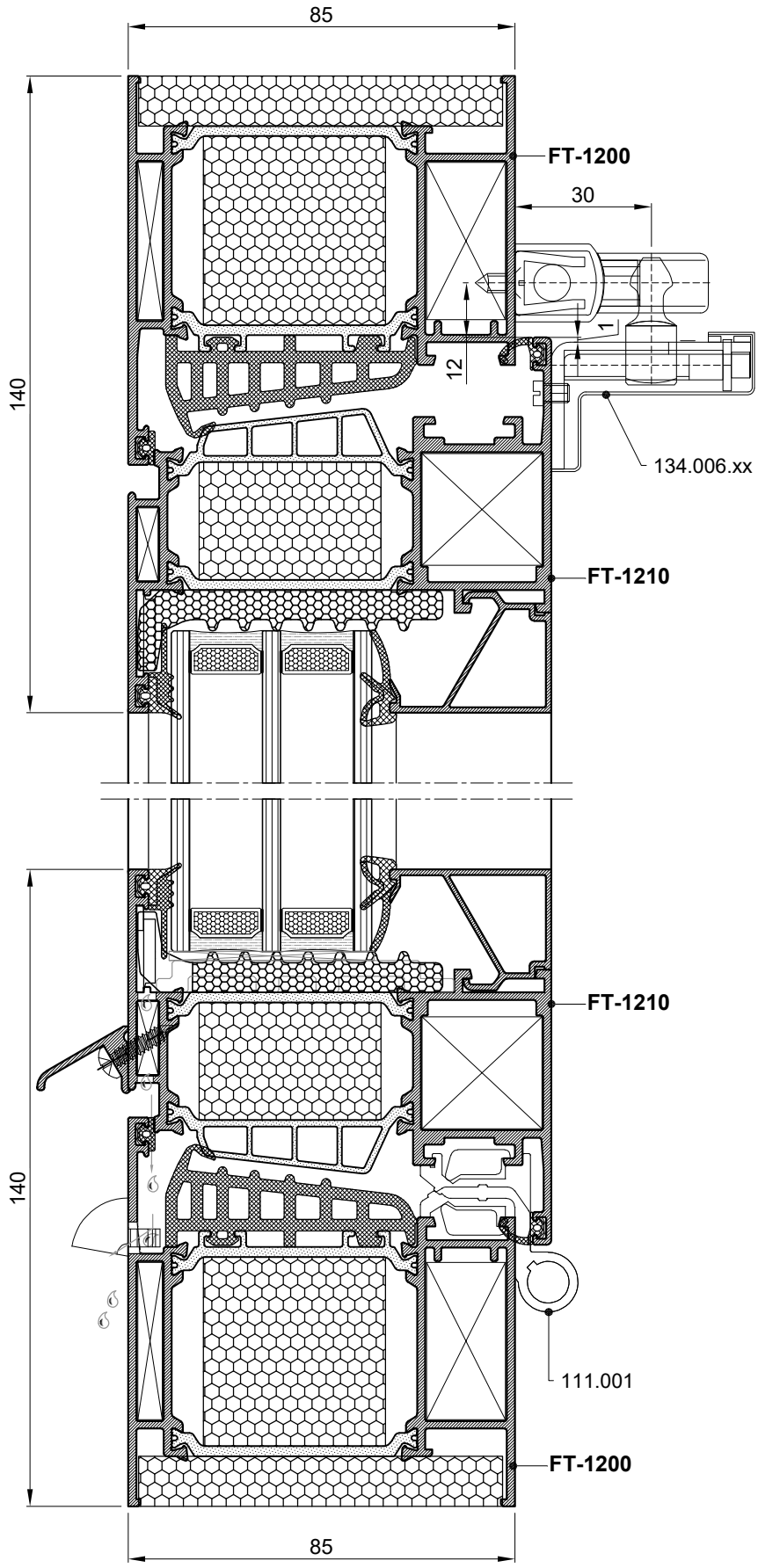



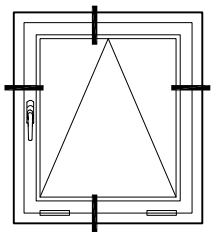


OTKLOPNI PROZOR - VENTUS s ručkom za visinu - (134.006.xx)
KIPPFENSTER mit Handhebel - (134.006.xx)

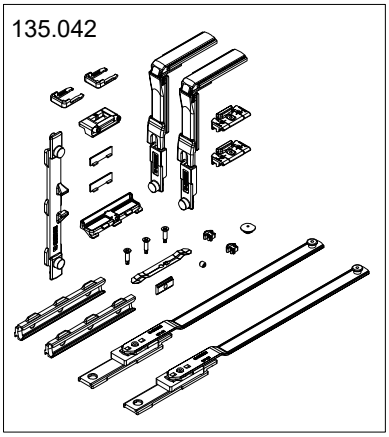


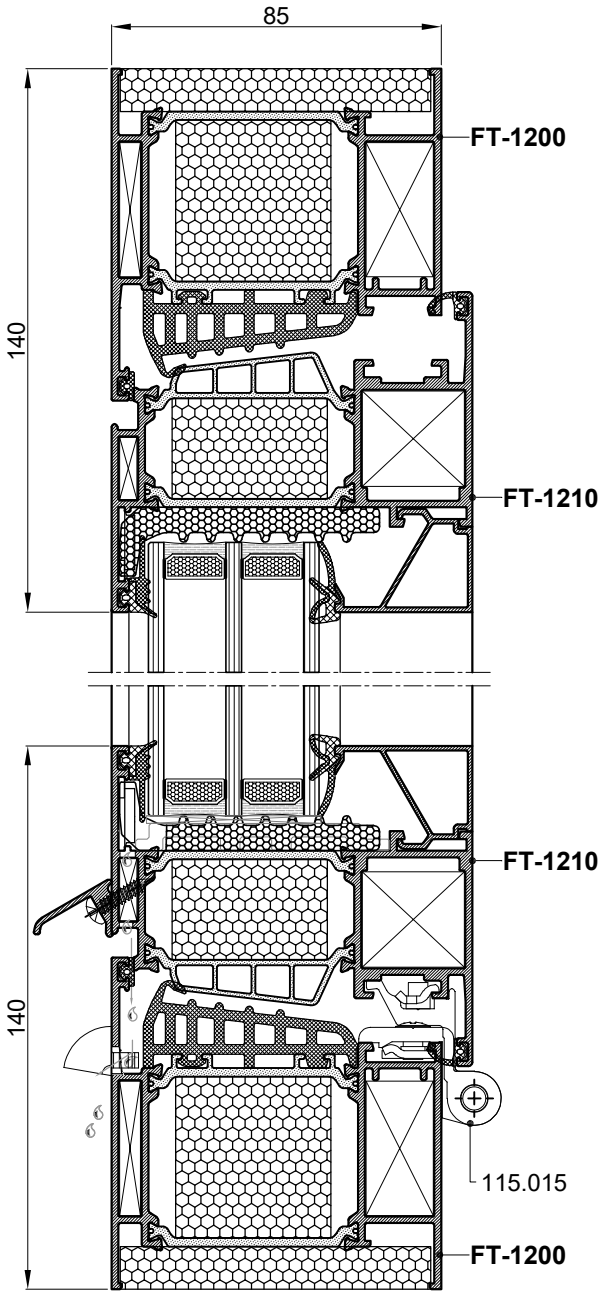



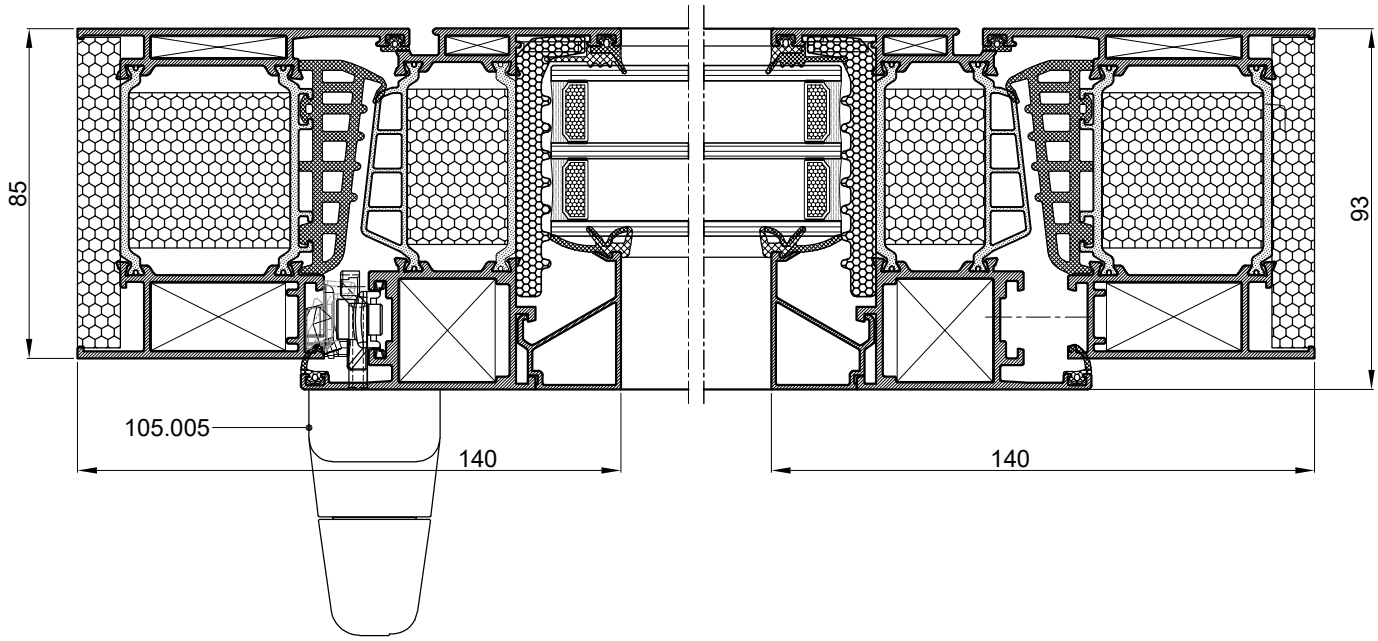
OTKLOPNI PROZOR - VENTUS s ručkom na vertikali
KIPPFENSTER mit dem Griff seitlich



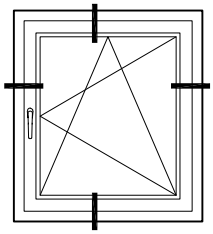
(Mehanizam za otklopni prozor - ventus s ručkom na vertikali - Giesse)
(Beschlag für Kippfenster mit dem Griff seitlich - Giesse)



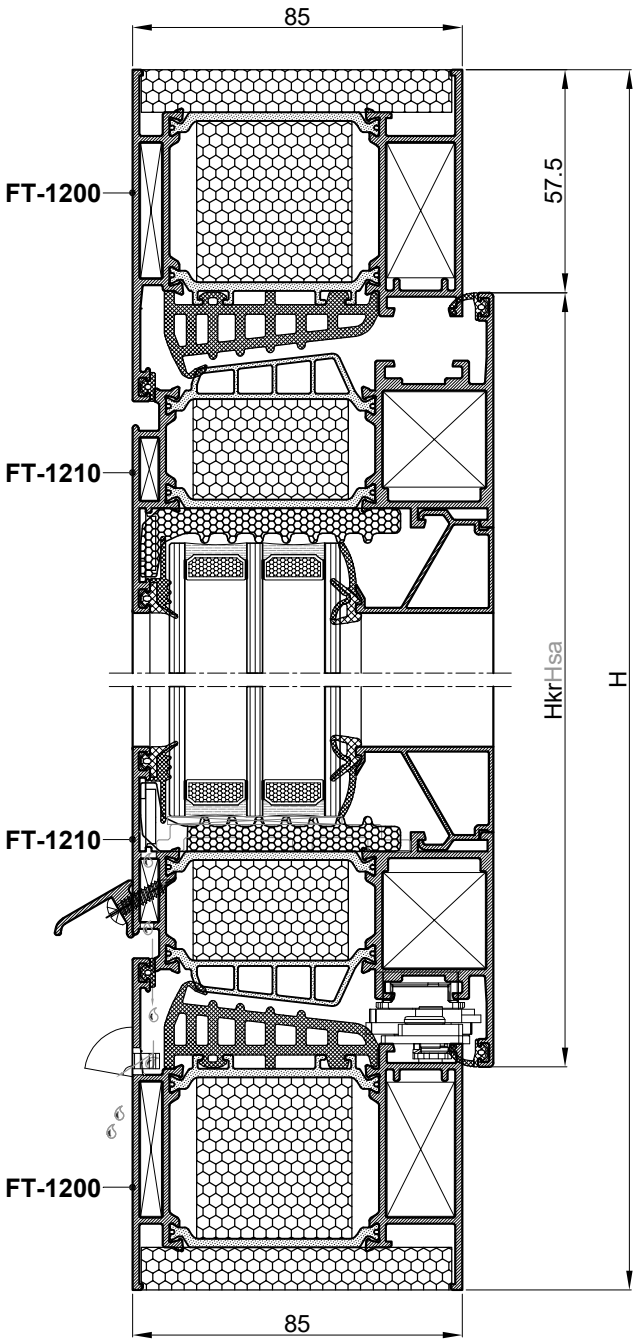



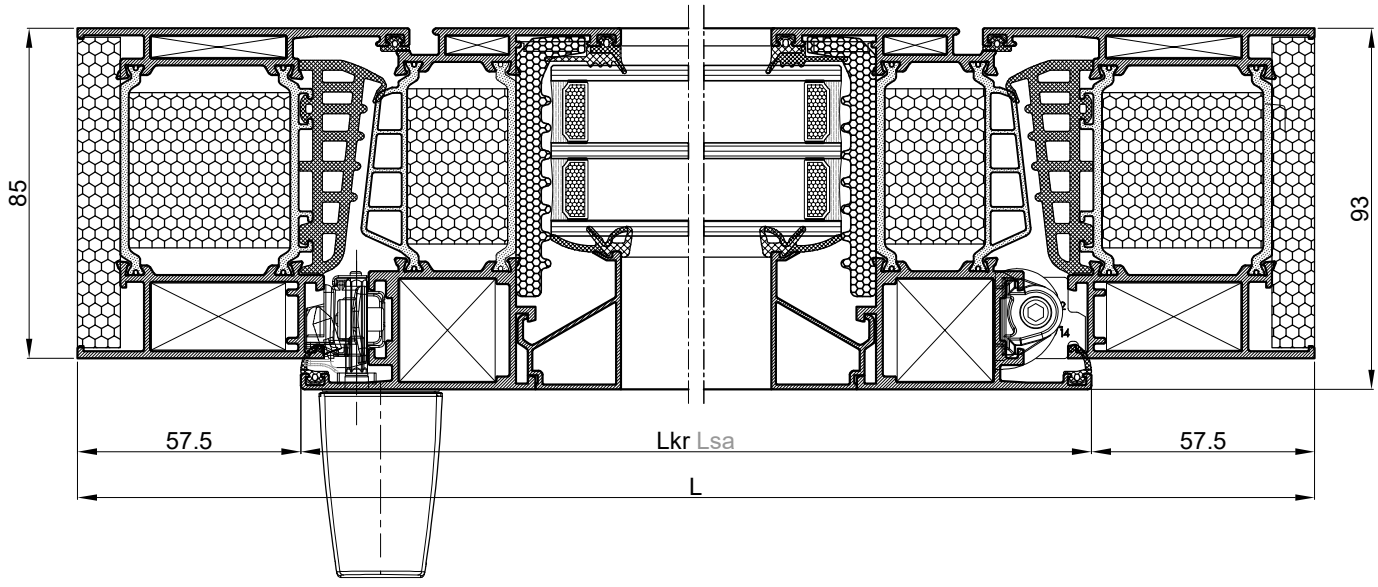



OTKLOPNO ZAOKRETNI PROZOR
DREHKIPPFENSTER

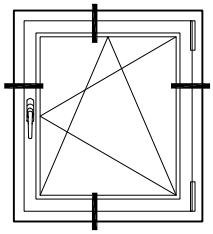


(Skriveni otklopno-zaokretni mehanizam- Giesse)
(verdeckter Dreh-Kipp Beschlag- Giesse)

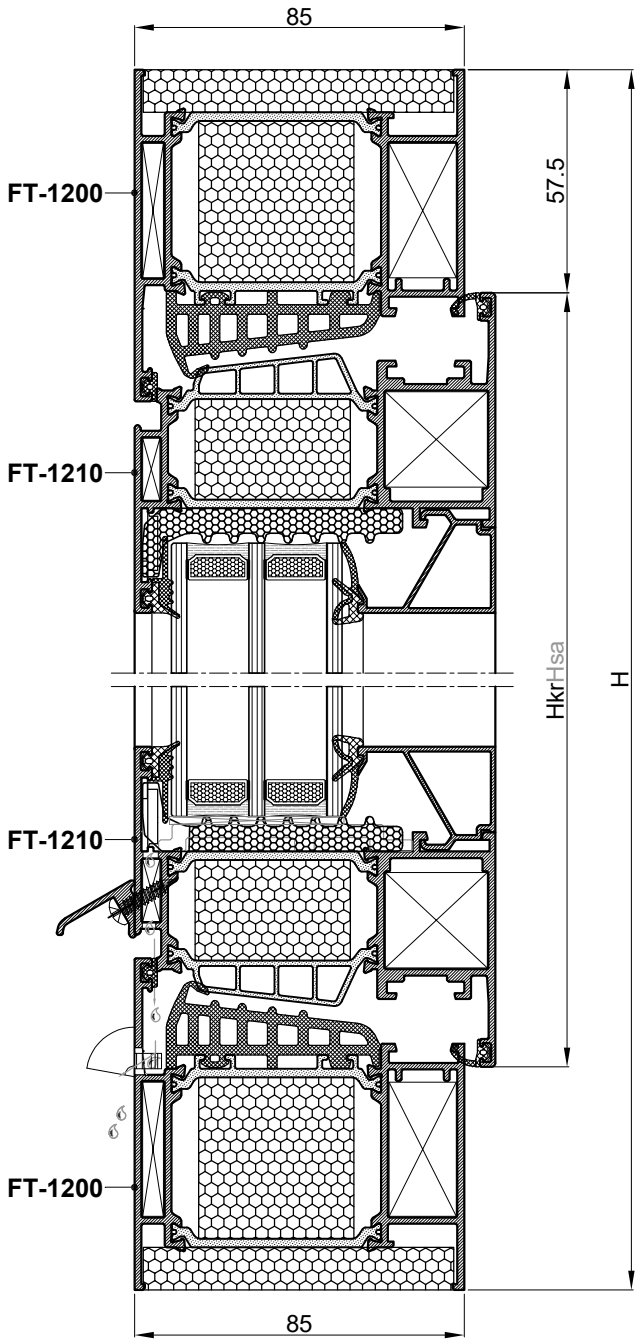


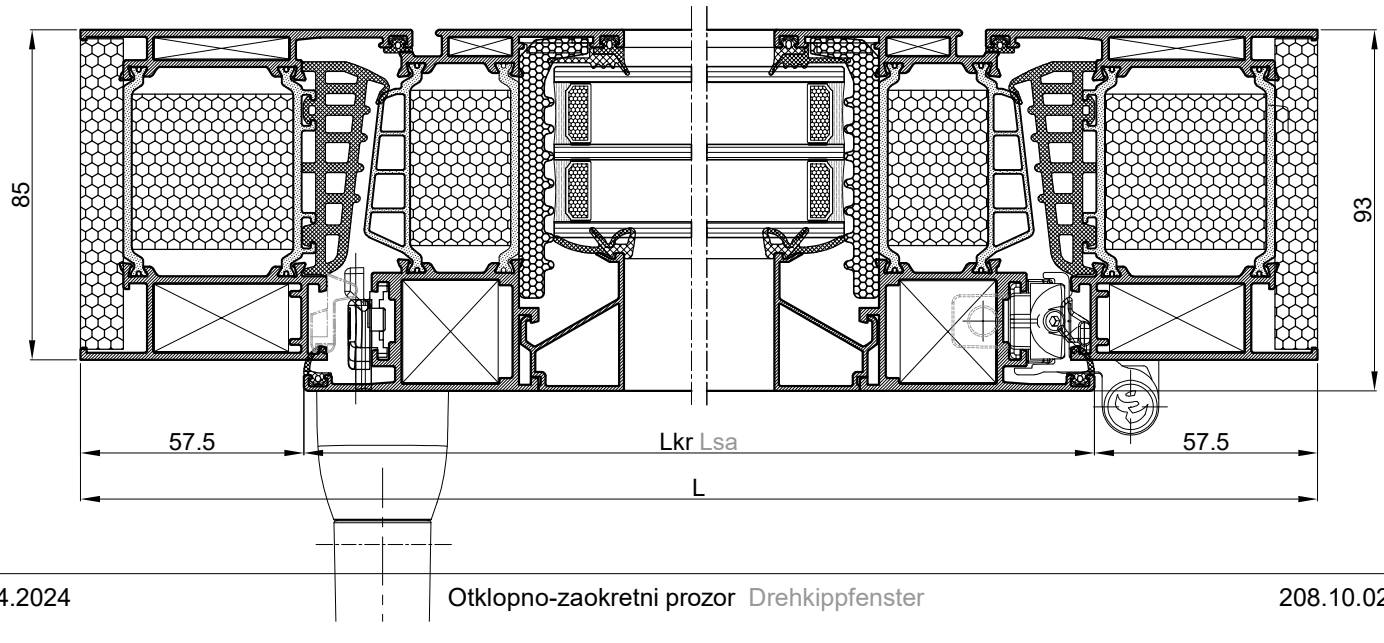



OTKLOPNO ZAOKRETNI PROZOR
DREHKIPPFENSTER

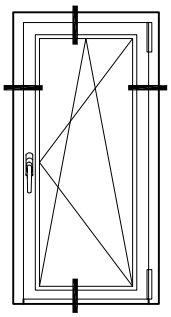


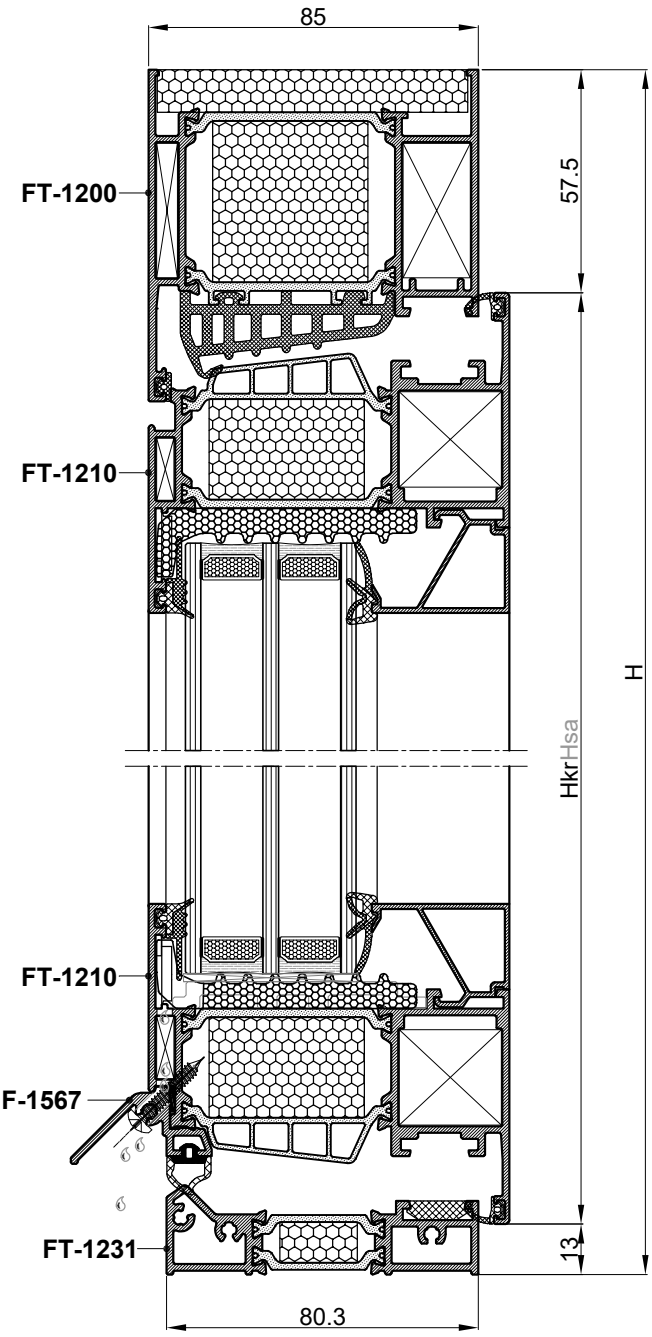
(Otklopno-zaokretni mehanizam- Stublina)
(Dreh-Kipp Beschlag- Stublina)

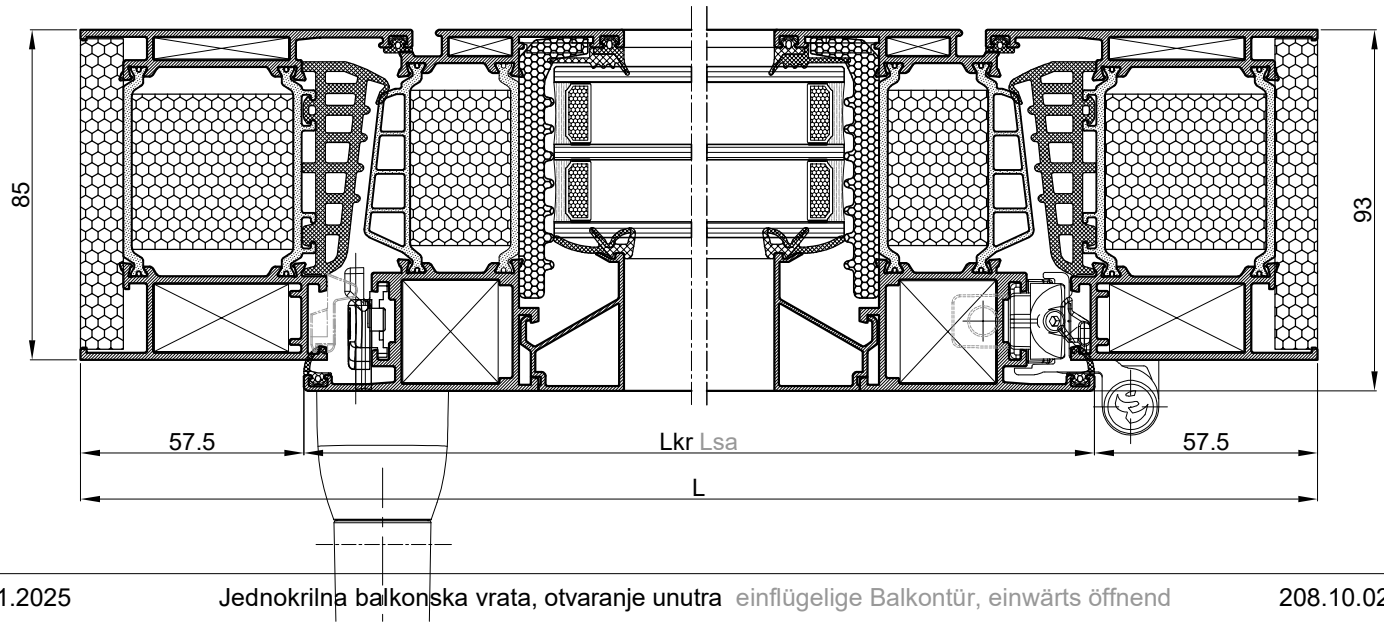


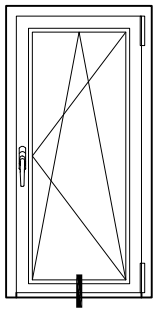



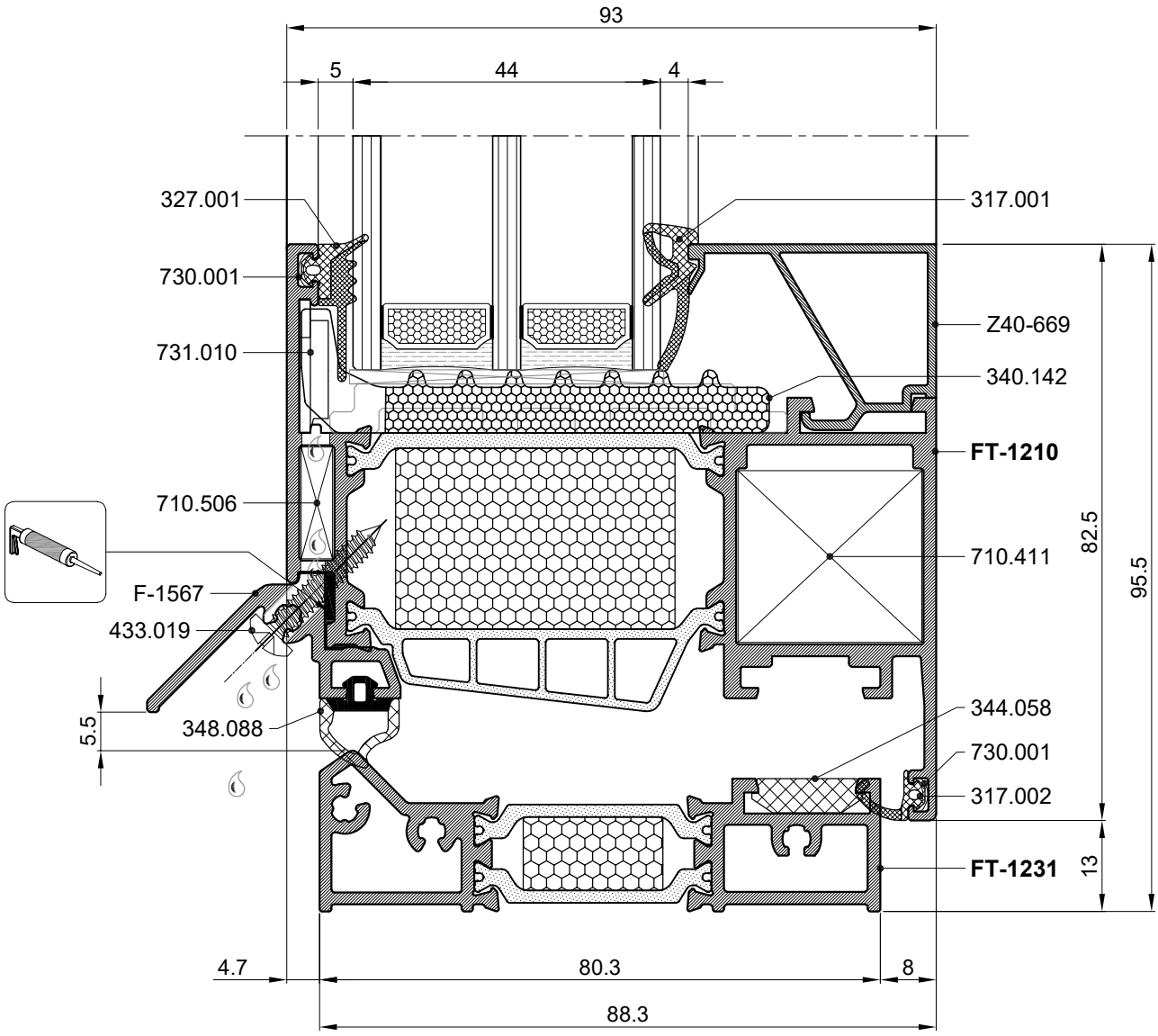
JEDNOKRILNA BALKONSKA VRATA - NISKI PRAG
EINFLÜGELIGE BALKONTÜR - NIEDRIGSCHWELLE





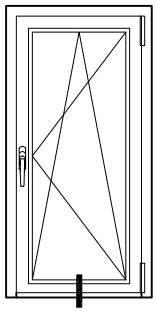



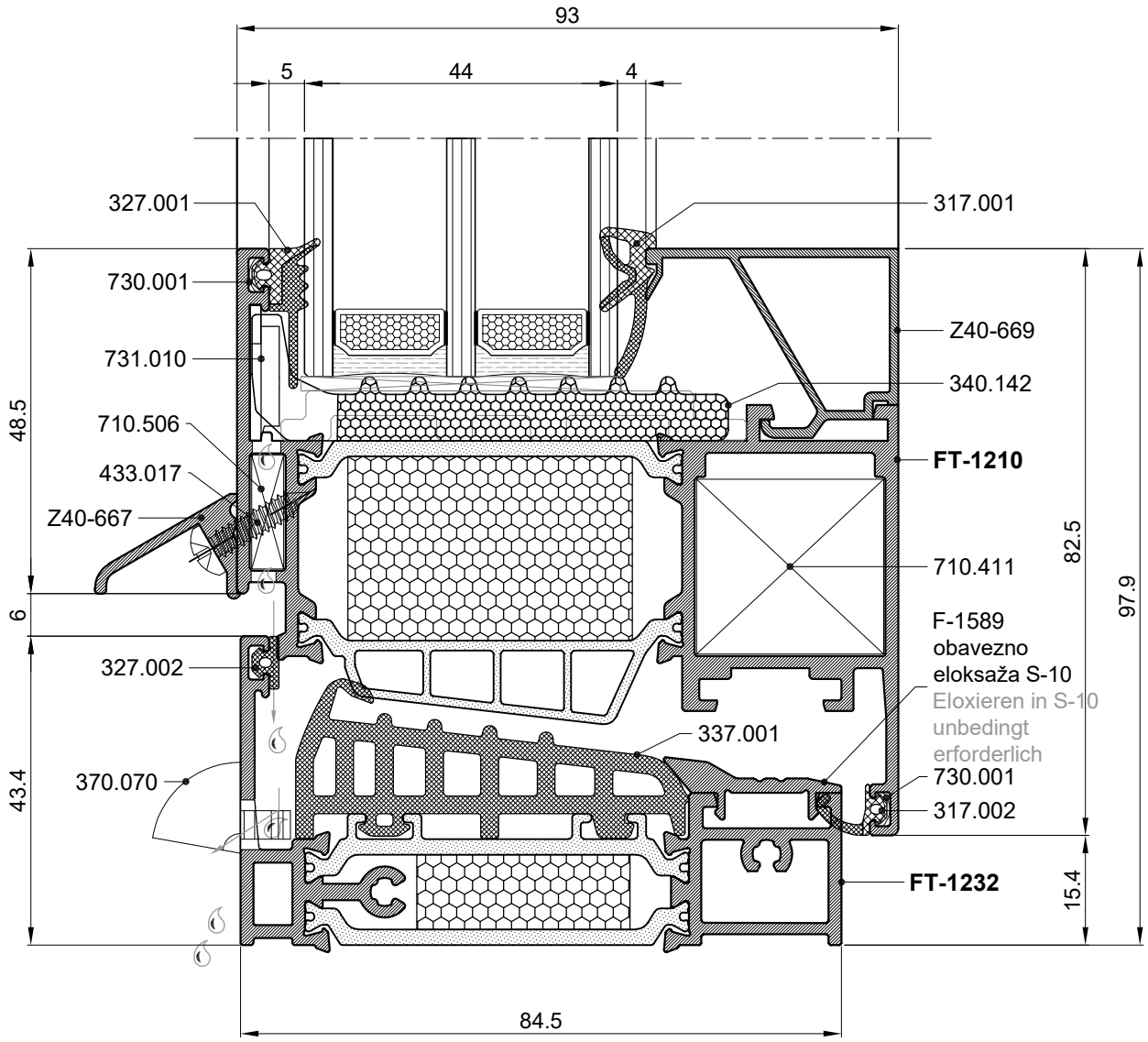




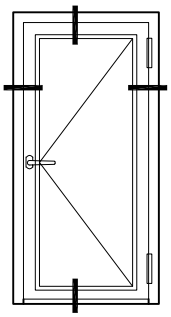


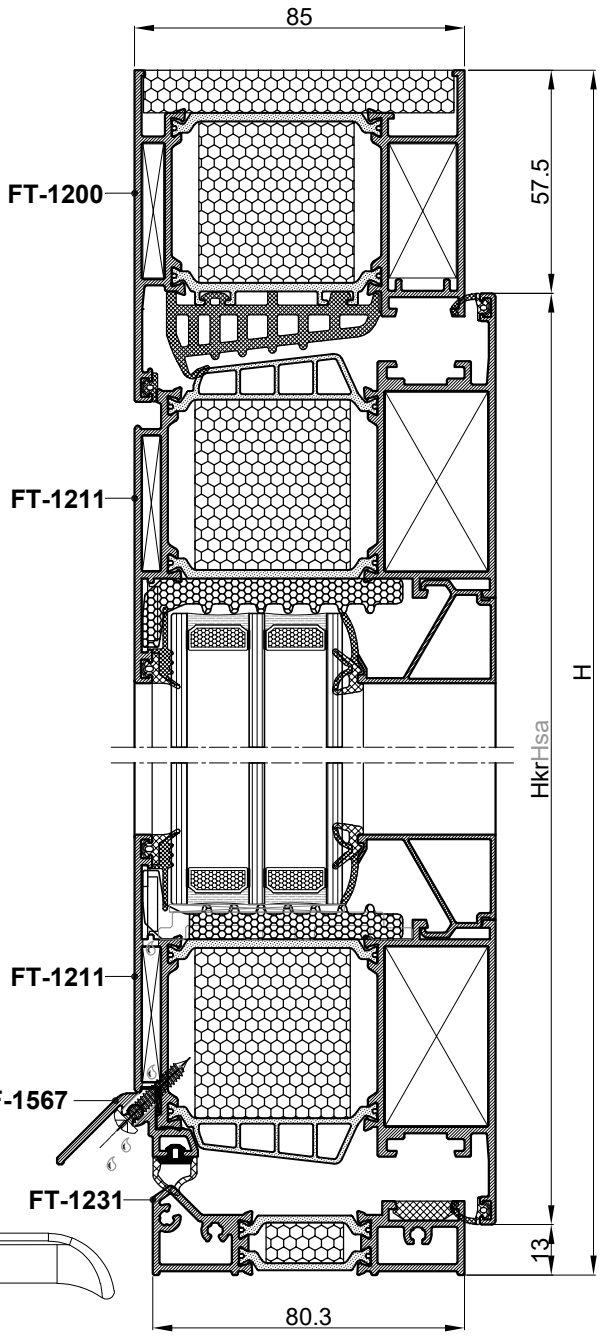

ljepilo za metal
(npr. Teroson MS 939)
Metallkleber
(z.B. Teroson MS 939)



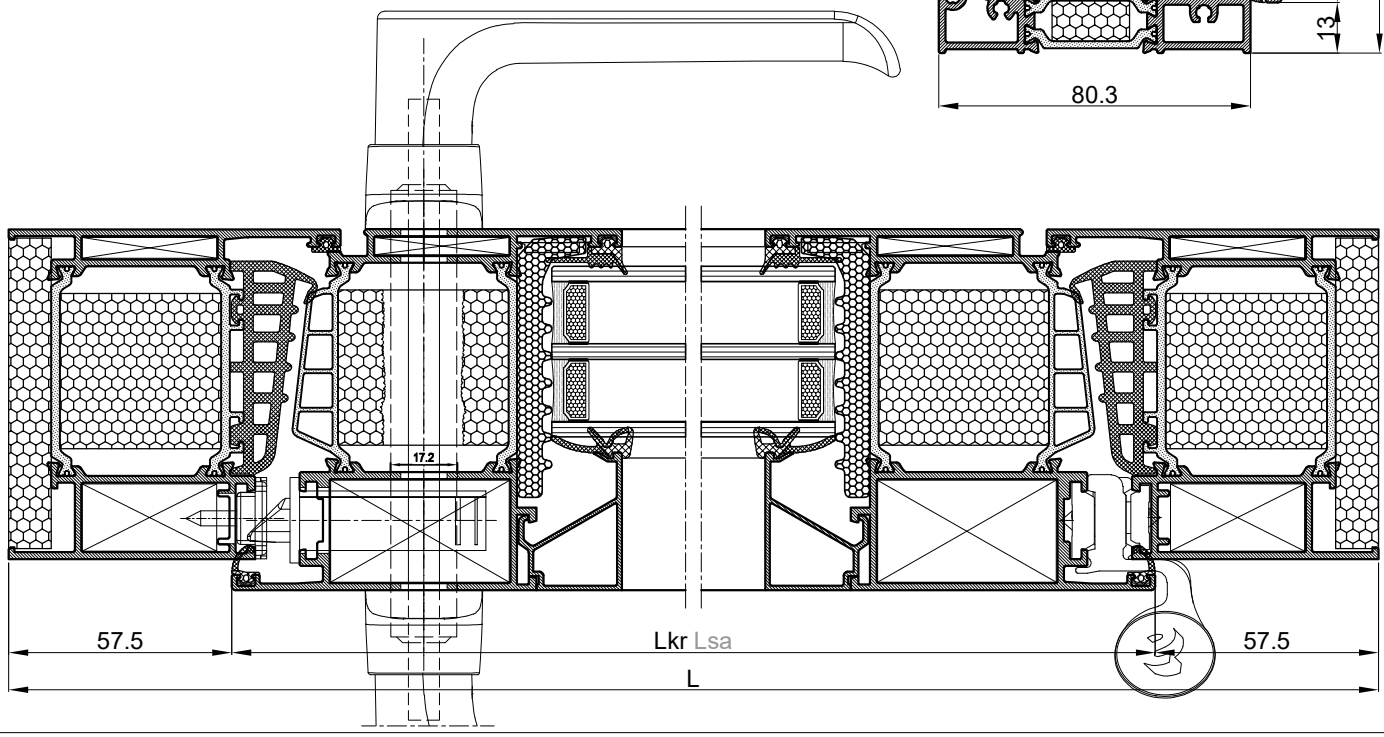

93
5
44
4
327.001
317.001
730.001
Z40-669
731.010
340.142
710.506
433.017
FT-1210
Z40-667
710.411
F-1589
obavezno
eloksaža S-10
Eloxieren in S-10
unbedingt
erforderlich
327.002
337.001
370.070
730.001
317.002
FT-1232
48.5
6
43.4
82.5
97.9
15.4
84.5

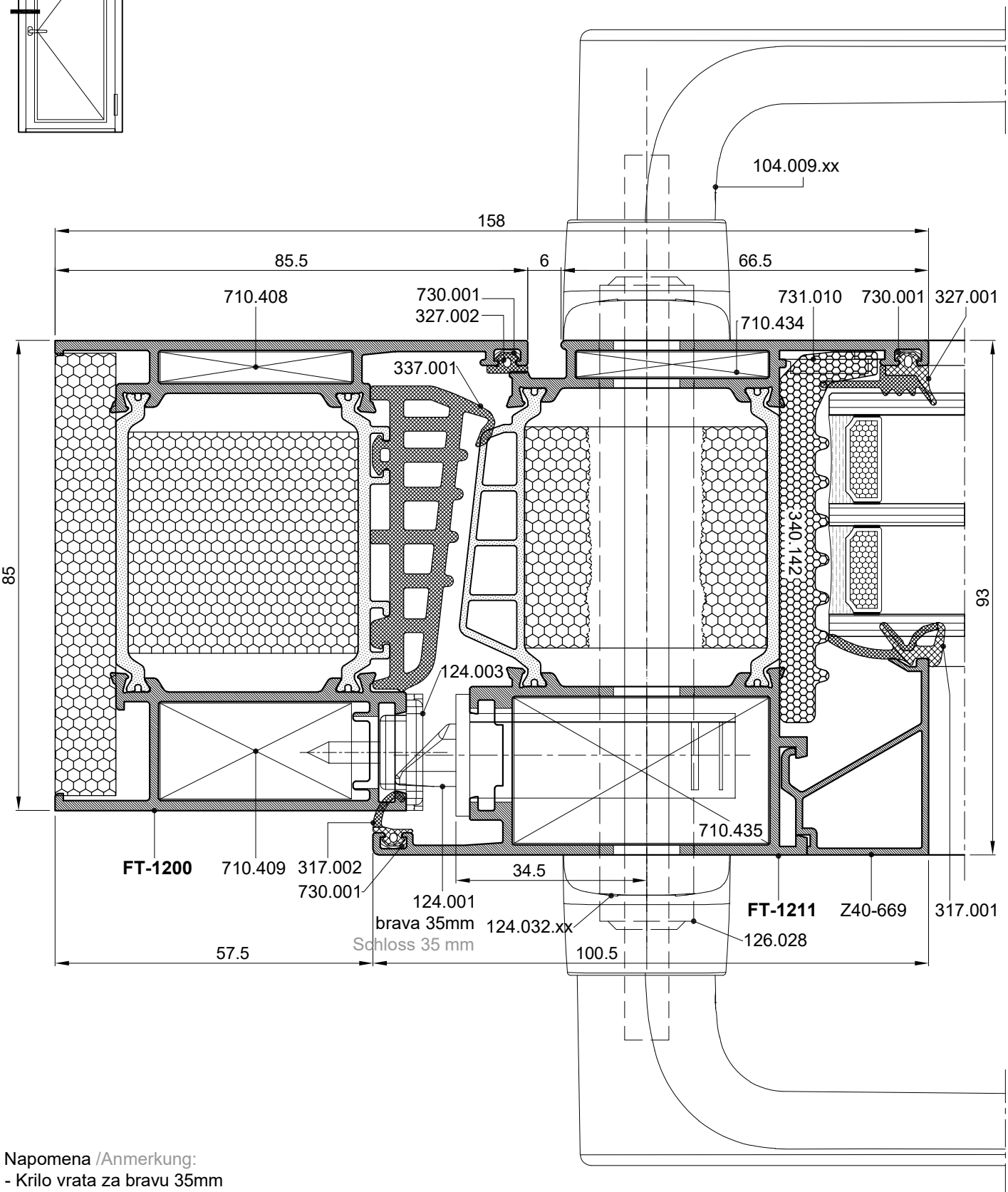
JEDNOKRILNA ULAZNA VRATA, OTVARANJE UNUTRA
EINFLÜGELIGE EINGANGSTÜR, EINWÄRTS ÖFFNEND



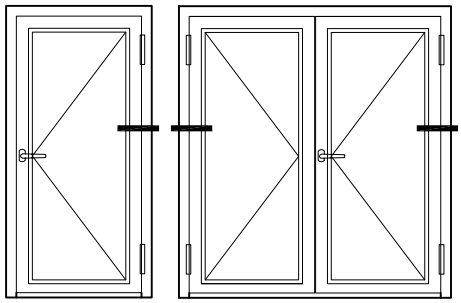


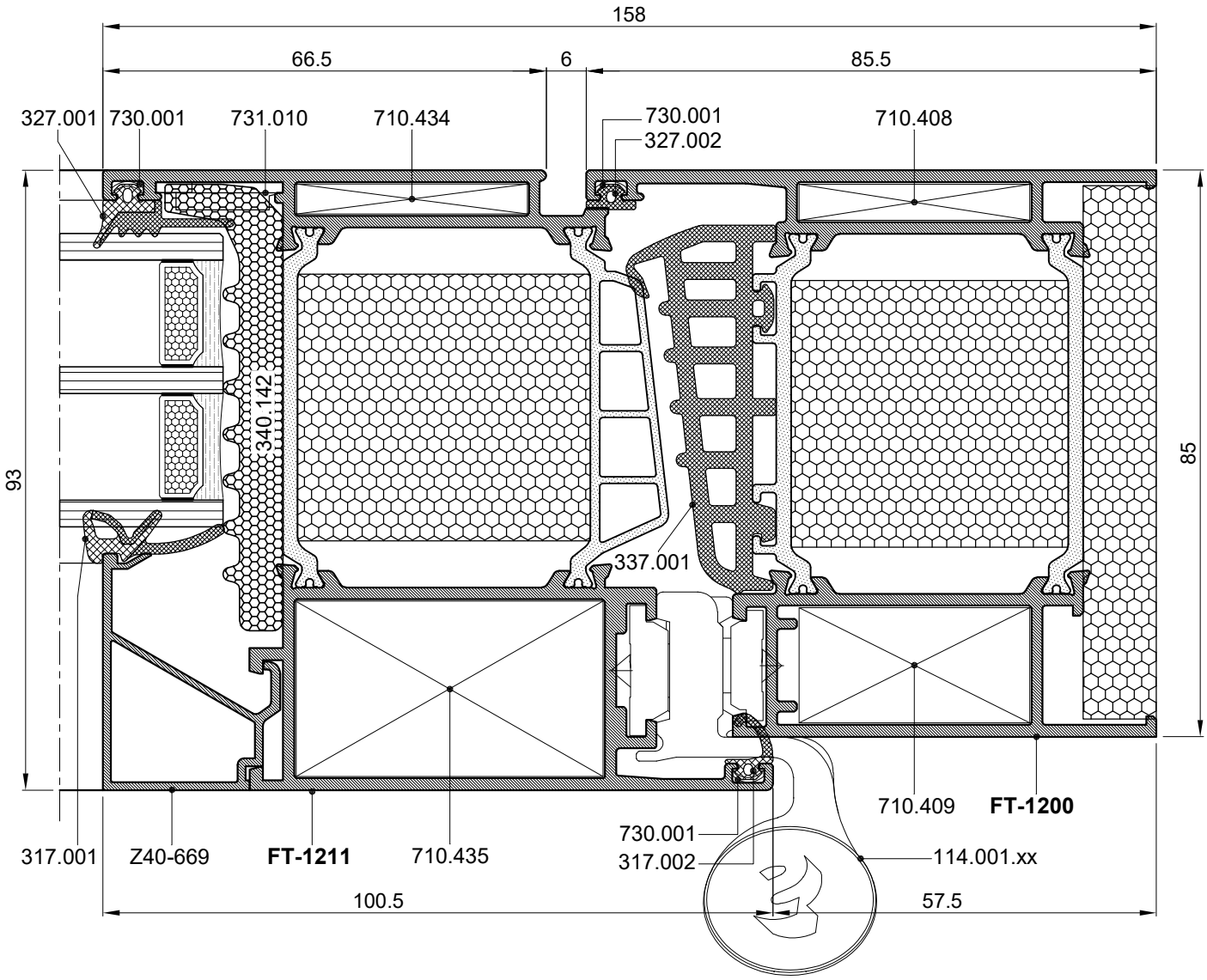

Napomena /Anmerkung:
- Krilo vrata za bravu 35mm
- Brava 35mm s jezičkom...(124.001)
- Türflügel für Schloss 35mm
- Schloss 35mm mit der Falle...(124.001)



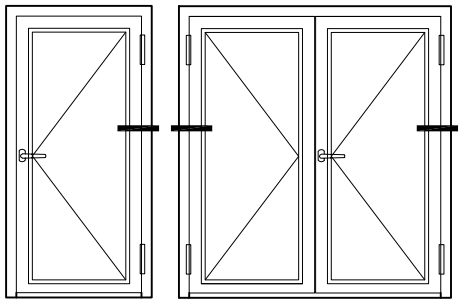



Napomena /Anmerkung:
- Krilo vrata za bravu 35mm
- Brava 35mm s jezičkom...(124.001)
- Türflügel für Schloss 35mm
- Schloss 35mm mit der Falle...(124.001)

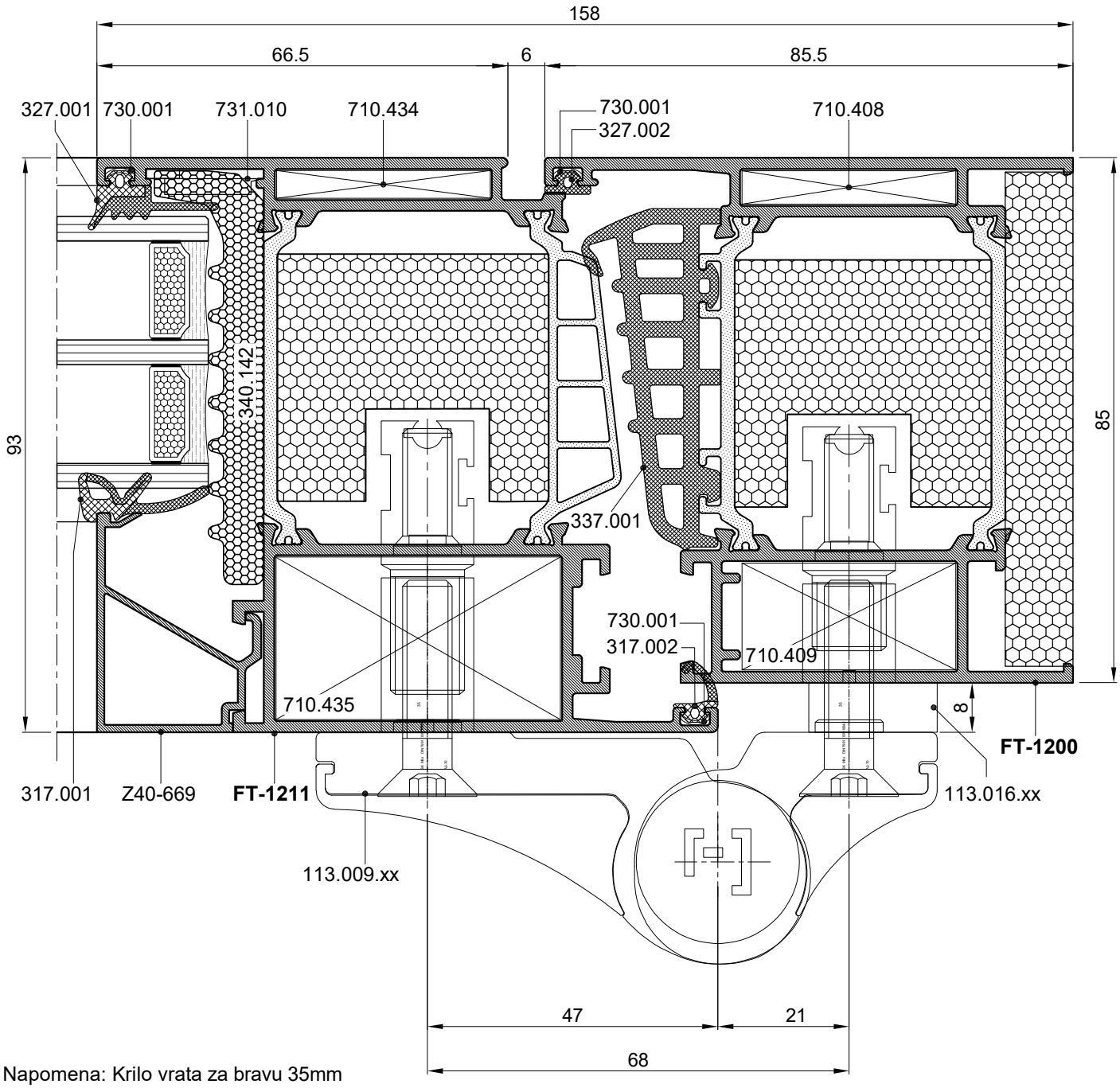




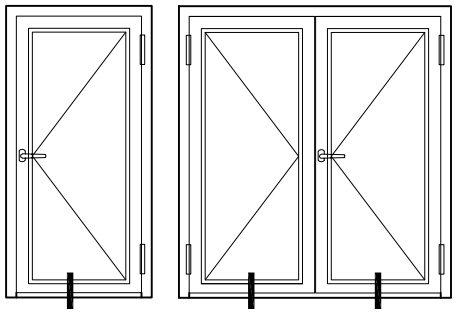

Napomena: Krilo vrata za bravu 35mm
Anmerkung: Türflügel für Schloss 35mm

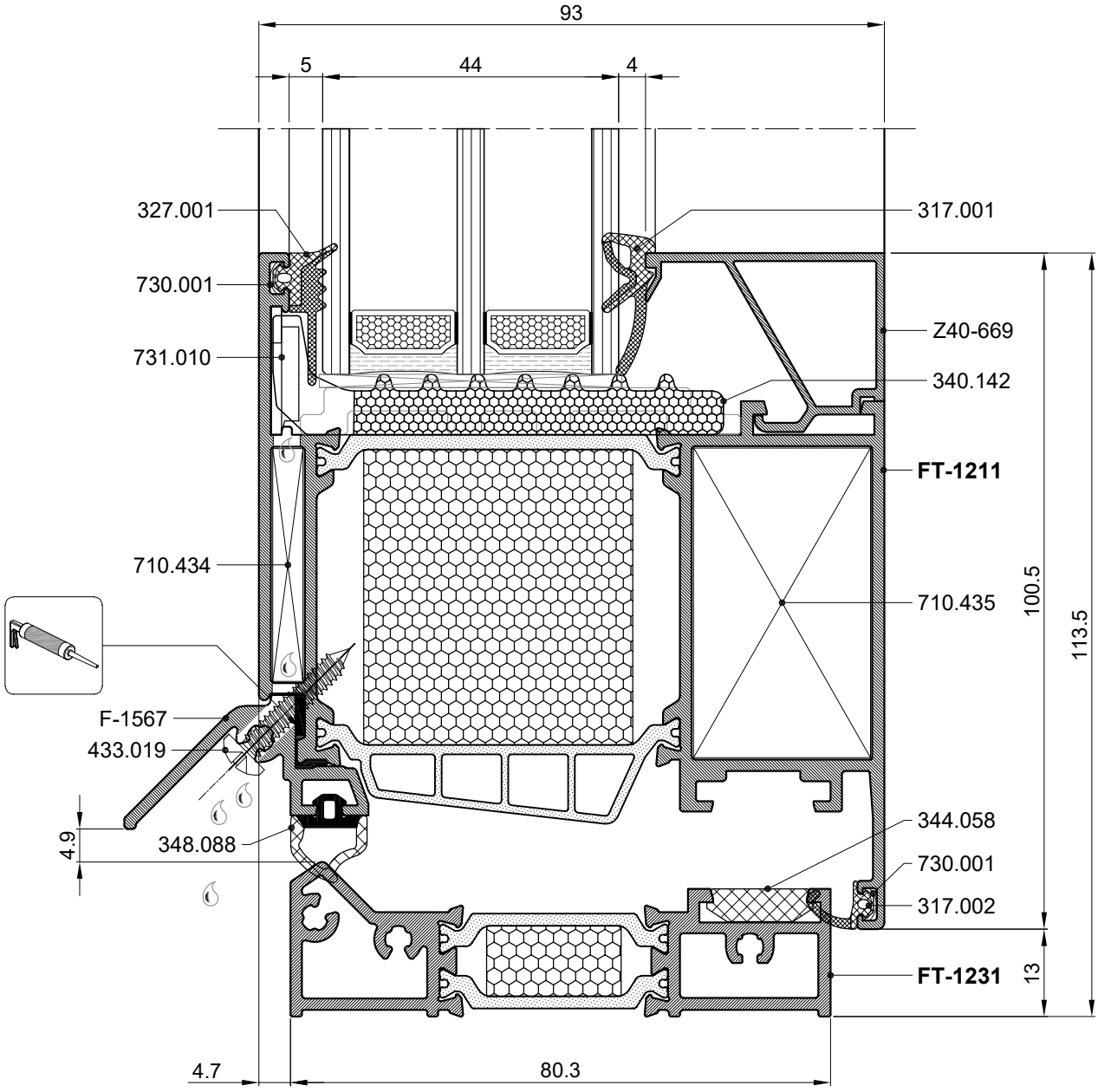


SET USADNIH BAGLAMA - OSNO 68 mm
UGRAĐUJE SE U KRILO VRATA FT-1211 (OTVARANJE UNUTRA)
AUFSCHRAUBBANDSET - ACHSABSTAND 68 mm
MONTAGE IM TÜRFLÜGEL FT-1211 (EINWÄRTS ÖFFNEND)

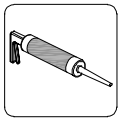



Napomena: Krilo vrata za bravu 35mm
Anmerkung: Türflügel für Schloss 35mm

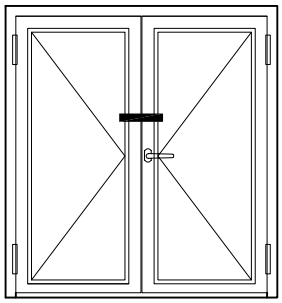


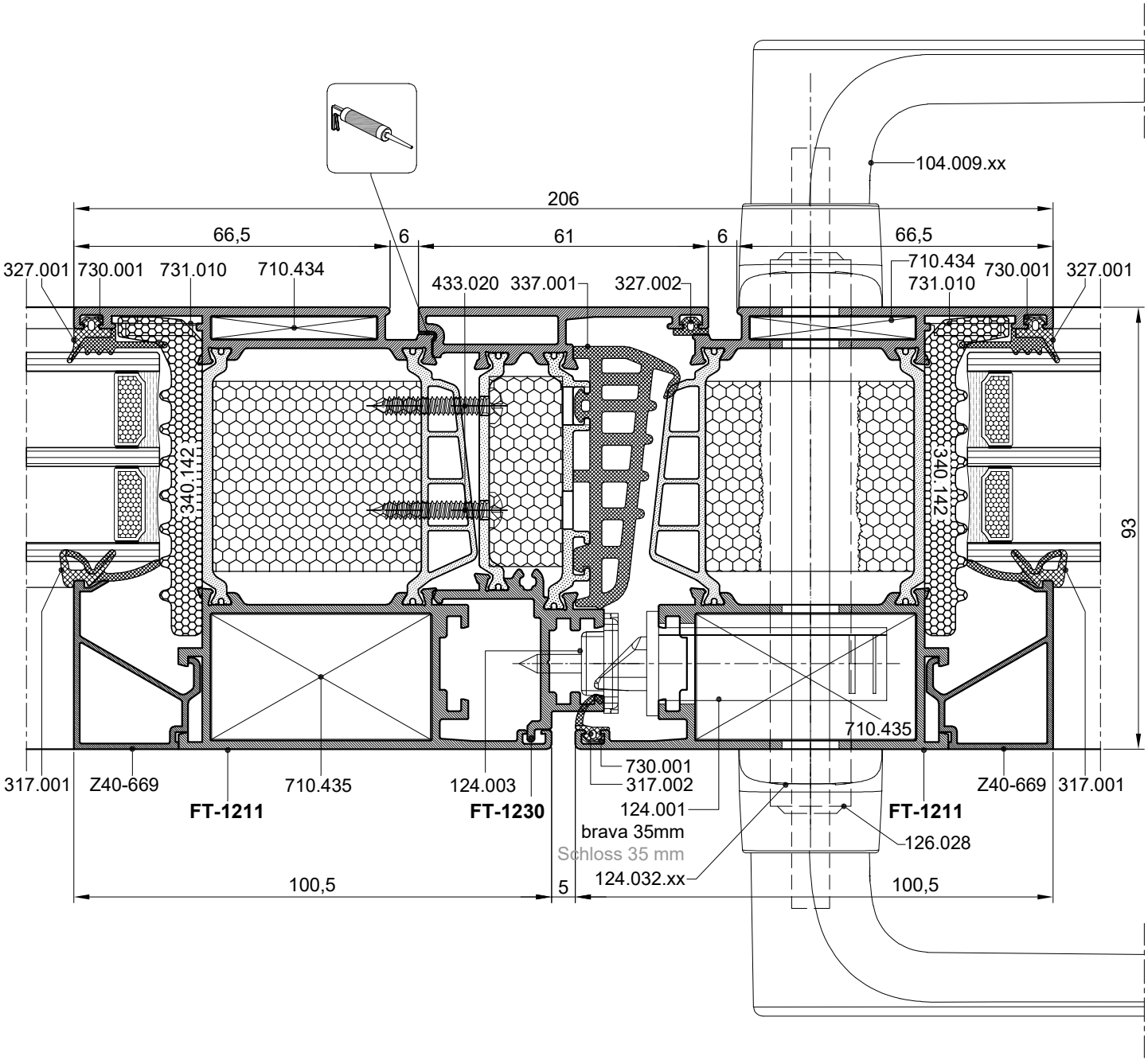



Napomena: Krilo vrata za bravu 35mm
Anmerkung: Türflügel für Schloss 35mm

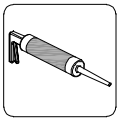


ljepilo za metal
(npr. Teroson MS 939)
Metallkleber
(z.B. Teroson MS 939)

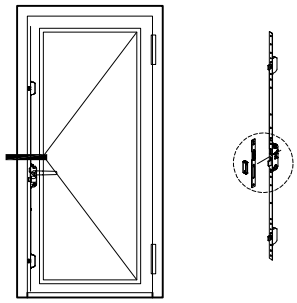





Napomena /Anmerkung:
- Krilo vrata za bravu 35mm
- Brava 35mm s jezičkom...(124.001)
- Türflügel für Schloss 35mm
- Schloss 35mm mit der Falle...(124.001)



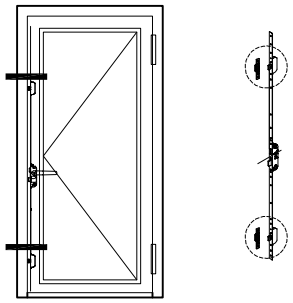
ljepilo za metal
(npr. Teroson MS 939)
Metallkleber
(z.B. Teroson MS 939)

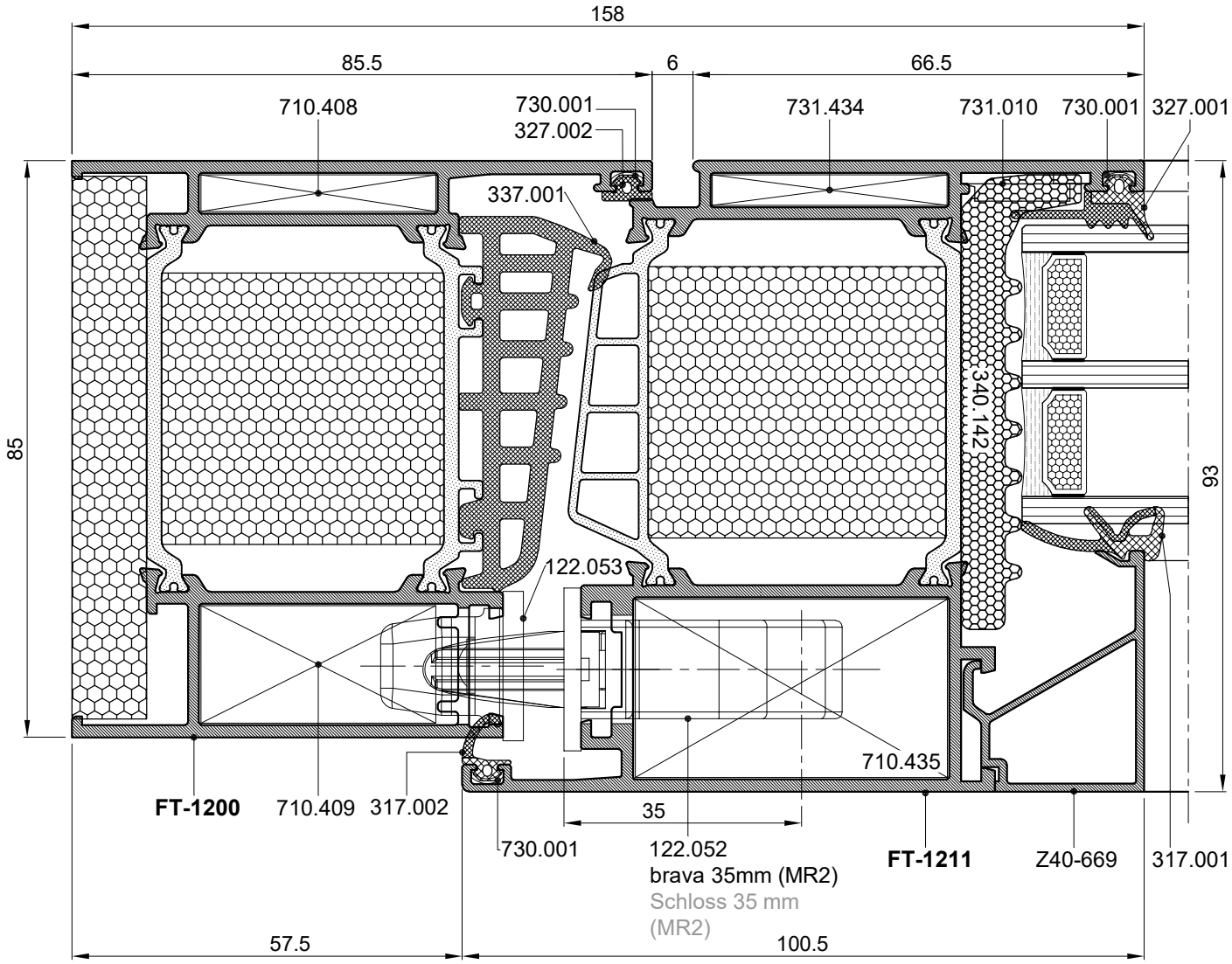




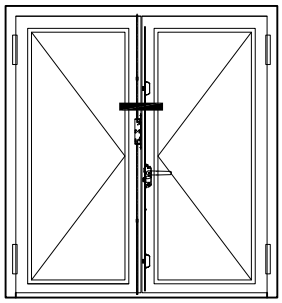


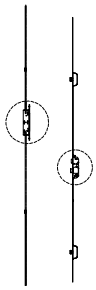

Napomena /Anmerkung:
- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm s 3 mjesta ključanja -(MR2)...(122.052)
- Türflügel für Schloss 35mm
- Sicherheitsschloss 35mm- 3-fach Verriegelung -(MR2)...(122.052)

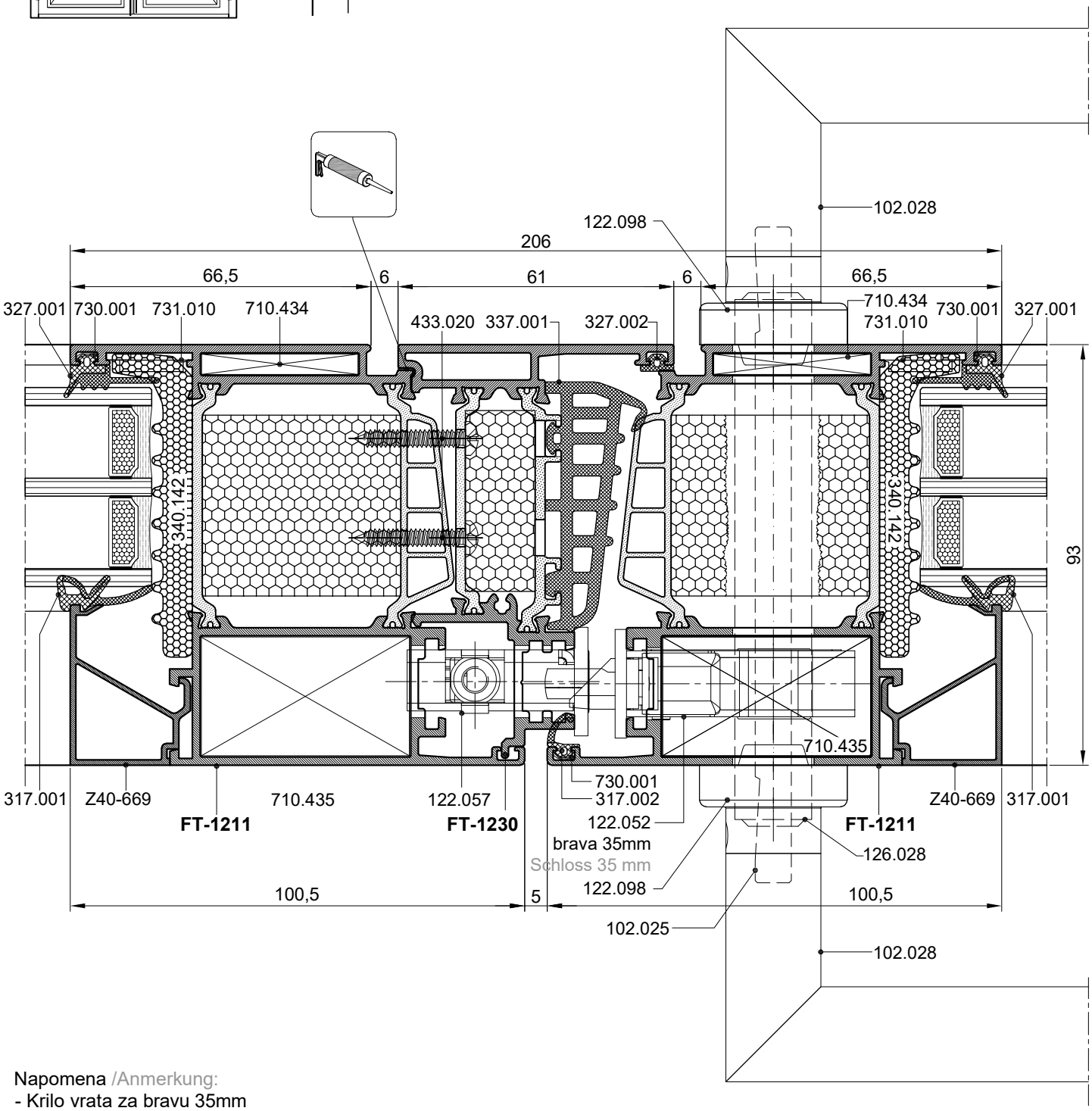




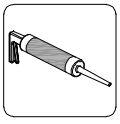

Napomena /Anmerkung:
- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm s 3 mjesta ključanja -(MR2)...(122.052)
- Türflügel für Schloss 35mm
- Sicherheitsschloss 35mm- 3-fach Verriegelung -(MR2)...(122.052)



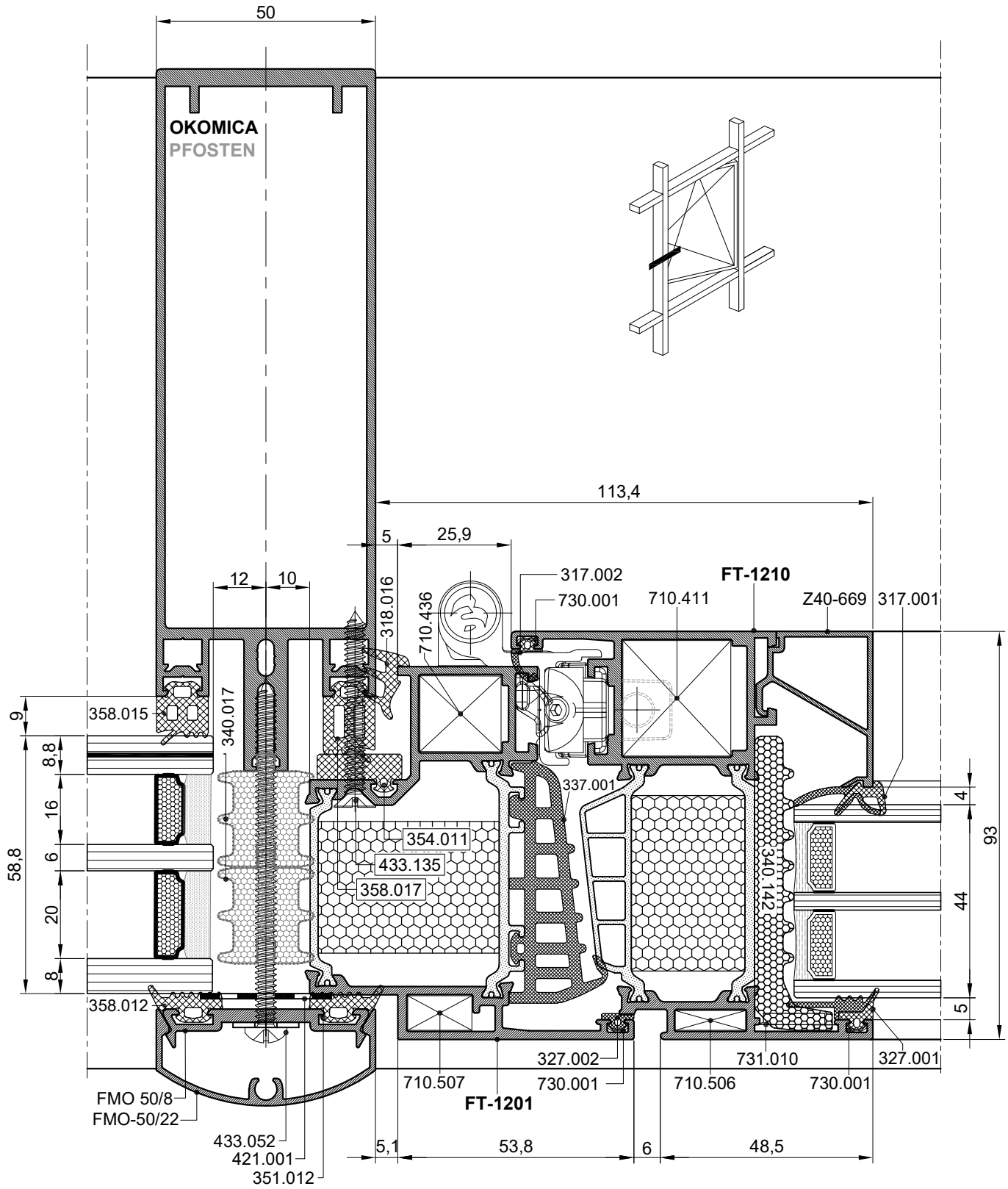


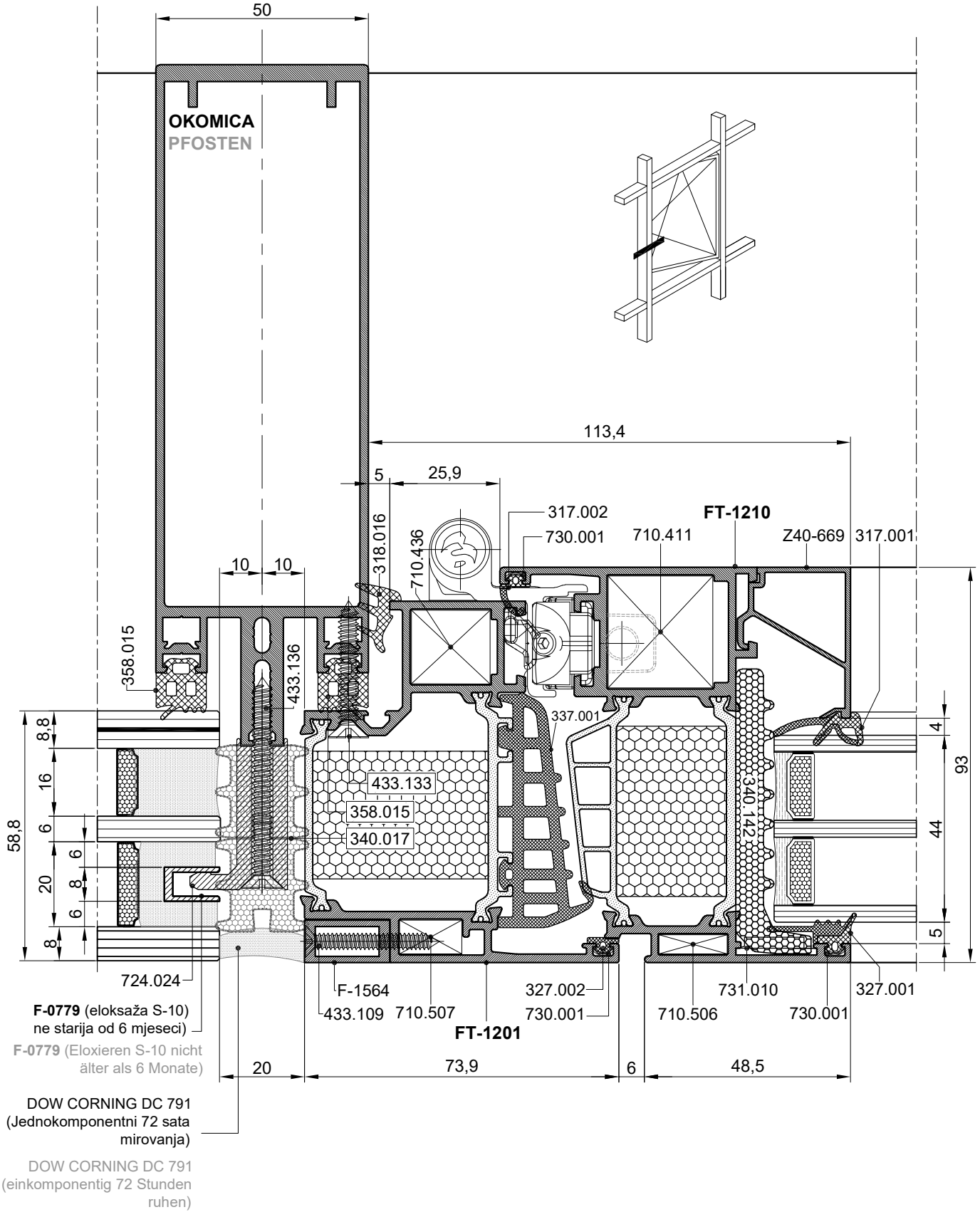


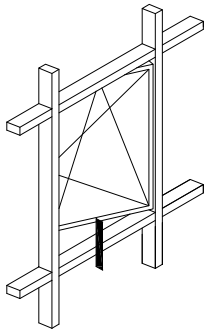

Napomena /Anmerkung:
- Krilo vrata za bravu 35mm
- Sigurnosna brava 35mm s 3 mjesta ključanja -(MR2)...(122.052)
- Bravica za ključanje pomoćnog krila...(122.057)
- Türflügel für Schloss 35mm
- Sicherheitsschloss 35mm- 3-fach Verriegelung -(MR2)...(122.052)
- Falztreibriegelschloss... (122.057)

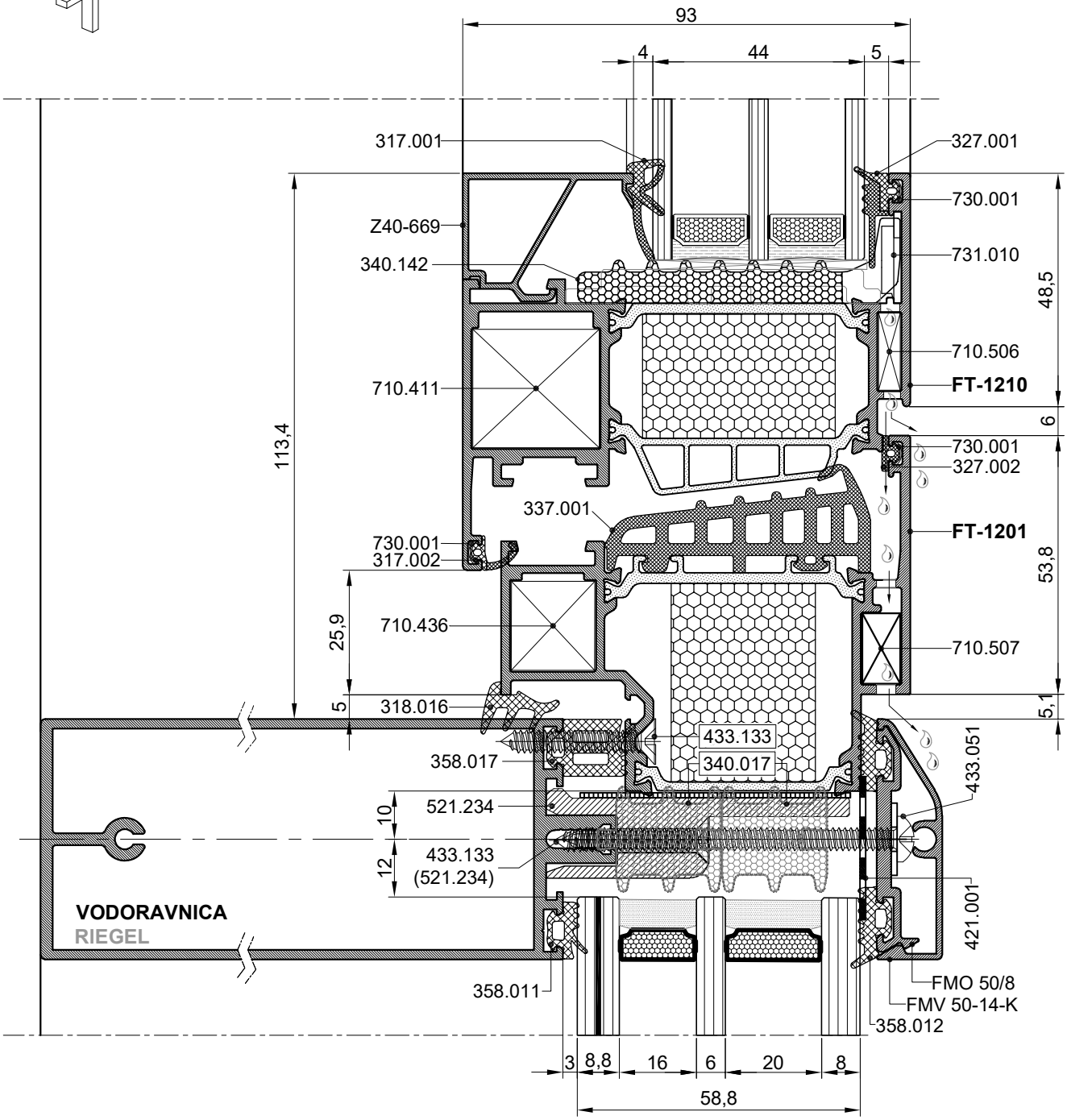


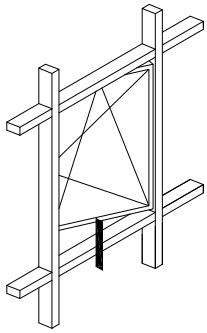
ljepilo za metal
(npr. Teroson MS 939)
Metallkleber
(eg. Teroson MS 939)

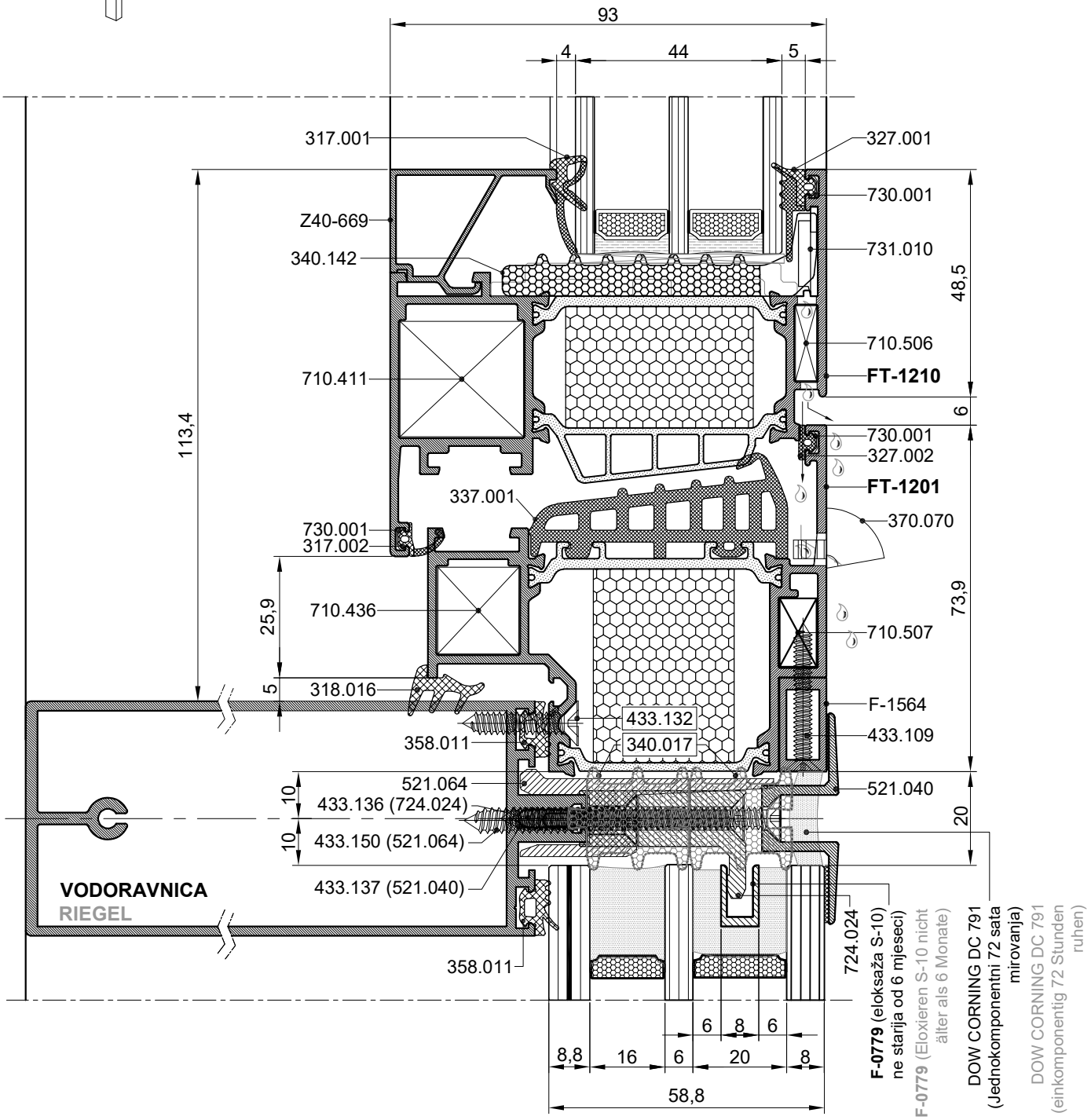

50
OKOMICA
PFOSTEN
113,4
5
25,9
12
10
318.016
710.436
317.002
730.001
710.411
FT-1210
Z40-669
317.001
9
358.015
340.017
8,8
16
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8
58,8
337.001
354.011
433.135
358.017
340.142
4
44
5
93
358.012
327.002
730.001
710.507
FT-1201
710.506
731.010
730.001
327.001
FMO 50/8
FMO-50/22
433.052
421.001
351.012
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50
OKOMICA
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724.024
F-0779 (eloksaža S-10) ne starija od 6 mjeseci)
F-0779 (Eloxieren S-10 nicht älter als 6 Monate)
DOW CORNING DC 791 (Jednokomponentni 72 sata mirovanja)
DOW CORNING DC 791 (einkomponentig 72 Stunden ruhen)
F-1564
433.109
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FT-1201
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731.010
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327.001
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73,9
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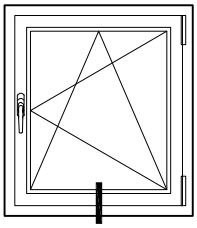



93
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Z40-669
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340.017
433.051
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433.133
(521.234)
VODORAVNICA
RIEGEL
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358.011
FMO 50/8
FMV 50-14-K
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93
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433.136 (724.024)
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433.150 (521.064)
VODORAVNICA
RIEGEL
433.137 (521.040)
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58,8
F-0779 (eloksaža S-10) ne starija od 6 mjeseci)
F-0779 (Eloxieren S-10 nicht älter als 6 Monate)
DOW CORNING DC 791 (Jednokomponentni 72 sata mirovanja)
DOW CORNING DC 791 (einkomponentig 72 Stunden ruhen)

Ugradnja prema RAL standardu
Montage nach RAL

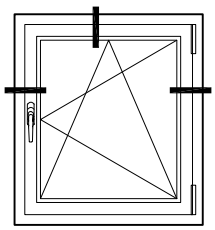


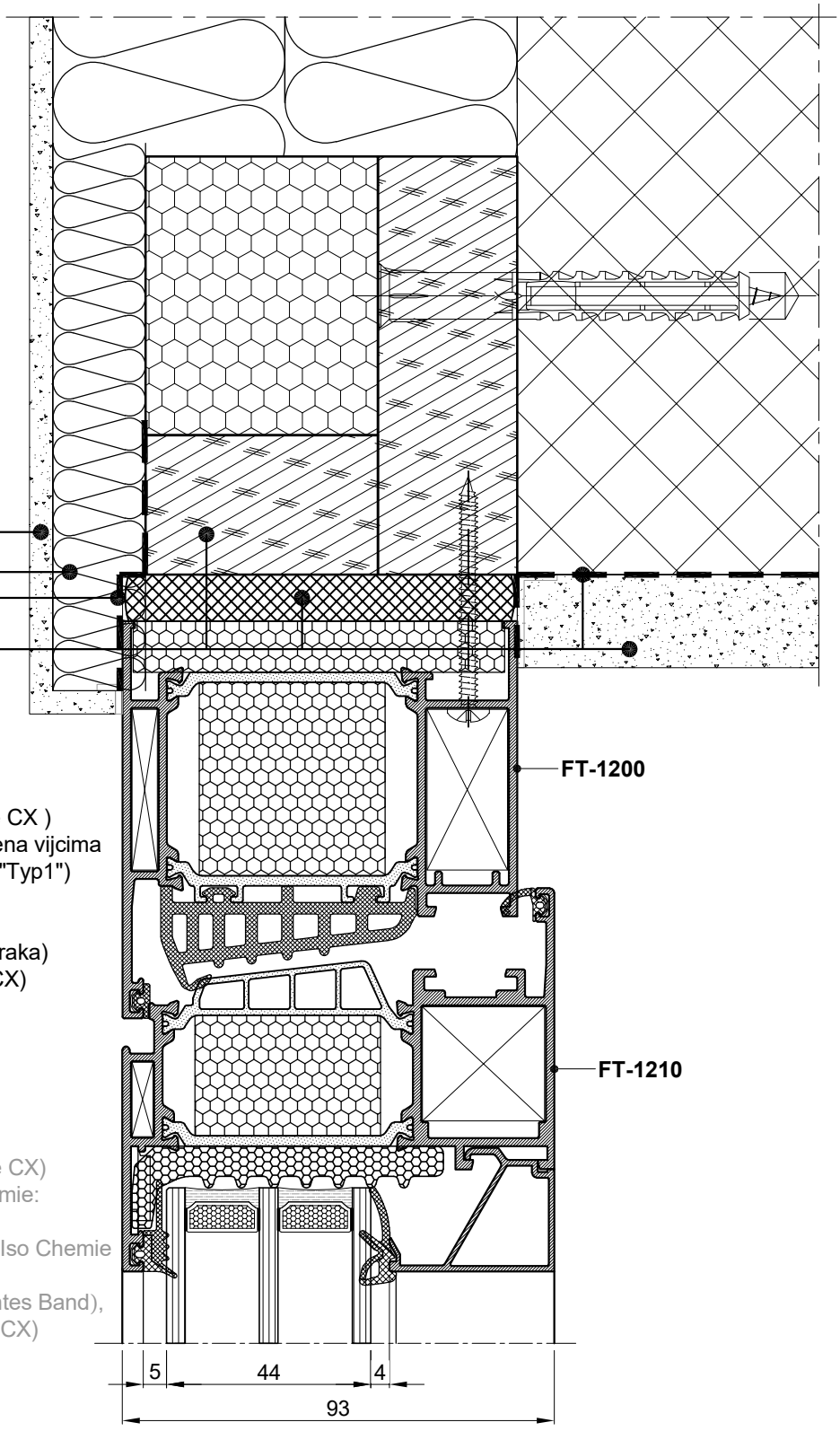



- aluminjska klupica pričvršćena vijcima
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso-Connect Outside CX )
- izolacijska ploča za ugradnju pričvršćena vijcima (npr. Iso Chemie: ISO-TOP Winframer"Typ1")
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco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

- verschraubte Aluminium Fensterbank
- Wärmedämmung
- Hydroisolation (dampfdurchlässiges und wasserdichtes Band) (z.B. Iso Chemie: Iso-Connect outside CX)
- Vorwandmontagesystem (z.B. Iso Chemie: ISO-TOP Winframer "Typ1")
- Wärmedämmung (Schaumklebeband: Iso Chemie ISO Bloco One)
- Abdeckprofil F1552
- Einbauprofil FT-1234
- Dampfsperre (dampf- und wasserdichtes Band), (z.B. Iso Chemie: Iso-Connect Inside CX)
- Innenausbau

Ugradnja prema RAL standardu
Montage nach RAL

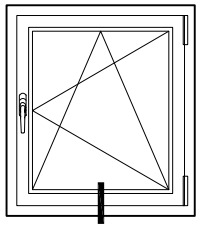





- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso-Connect Outside CX )
- izolacijska ploča za ugradnju pričvršćena vijcima (npr. Iso Chemie: ISO-TOP Winframer"Typ1")
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)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

- Außenausbau
- Wärmedämmung
- Hydroisolation (dampfdurchlässiges und wasserdichtes Band) (z.B. Iso Chemie: Iso-Connect outside CX)
- Vorwandmontagesystem (z.B. Iso Chemie: ISO-TOP Winframer "Typ1")
- Wärmedämmung (Schaumklebeband: Iso Chemie ISO Bloco One)
- Dampfsperre (dampf- und wasserdichtes Band), (z.B. Iso Chemie: Iso-Connect Inside CX)
- Innenausbau

Ugradnja prema RAL standardu
Montage nach RAL



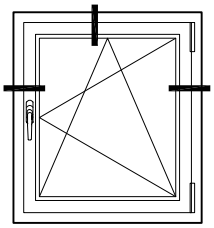



- aluminjska klupica pričvršćena vijcima
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- profil-maska F-1552
- profil za ugradnju FT-1234
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna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

- verschraubte Aluminium Fensterbank
- Wärmedämmung
- Hydroisolation (dampfdurchlässiges und wasserdichtes Band) (z.B. Iso Chemie: Iso-Connect Outside CX)
- Abdeckprofil F1552
- Einbauprofil FT-1234
- Wärmedämmung (Schaumklebeband: Iso Chemie ISO Bloco One)
- Dampfsperre (dampf- und wasserdichtes Band), (z.B. Iso Chemie: Iso-Connect Inside CX)
- Innenausbau

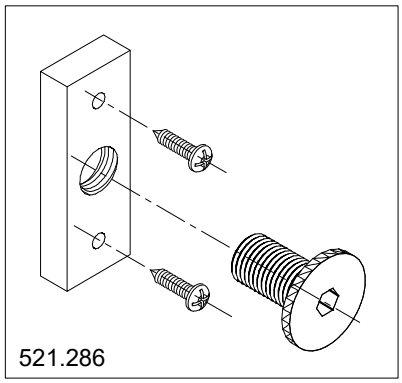
Efektivna dubina ankerisanja $h_{ef}$:
$h_{ef}$ = 20-40mm u Beton
$h_{ef}$ = 40mm u punoj cigli
$h_{ef} \geq$ 50mm u porobeton
$h_{ef} \geq$ 60mm u perforiranoj cigli

Effektive Verankerungstiefe $h_{ef}$:
$h_{ef}$ = 20-40mm in Beton
$h_{ef}$ = 40mm in Vollziegel
$h_{ef} \geq$ 50mm in Porobeton
$h_{ef} \geq$ 60mm in Hochlochziegel



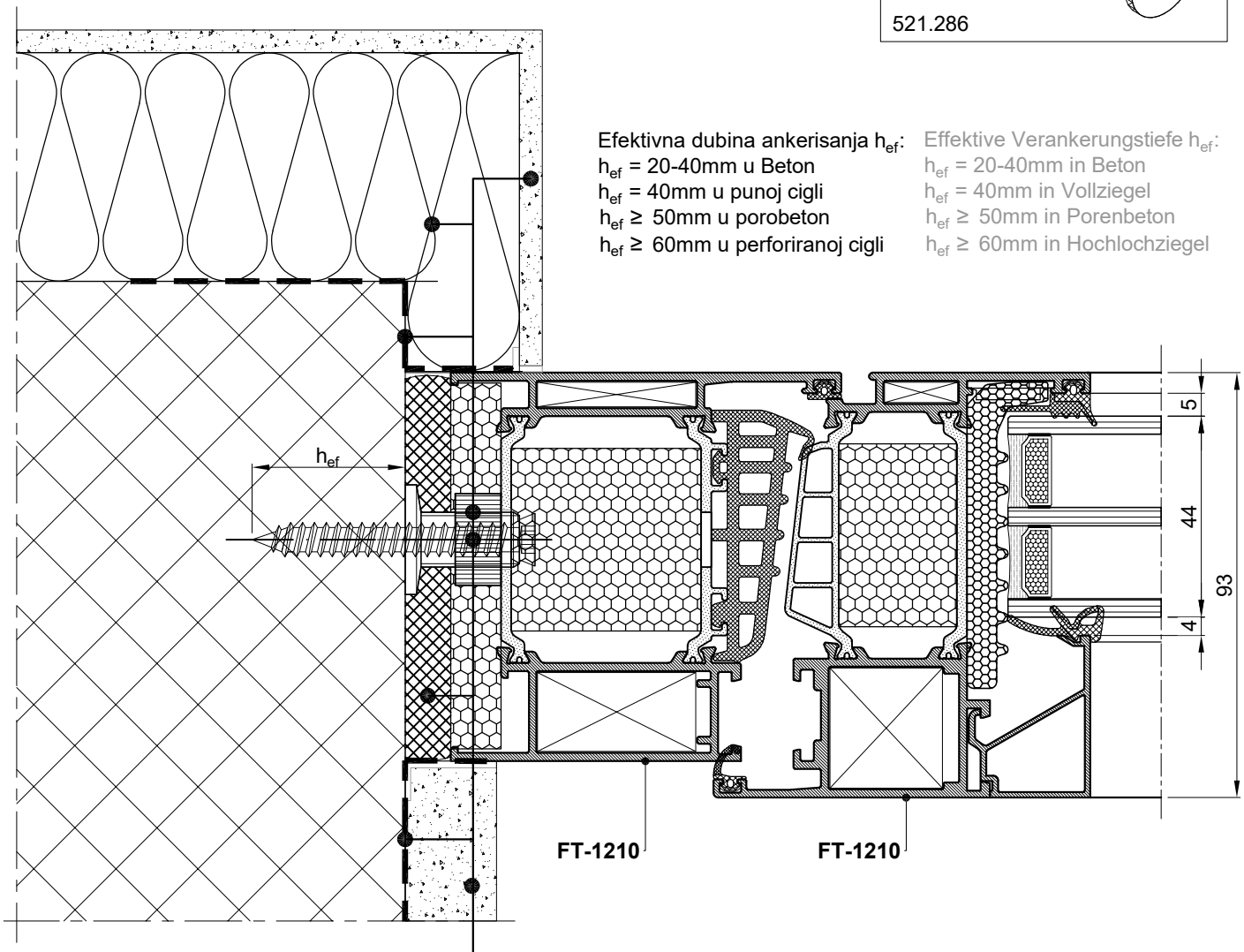
Ugradnja prema RAL standardu
Montage nach RAL

ELEMENT ZA UGRADNJU
EINBAUELEMENT



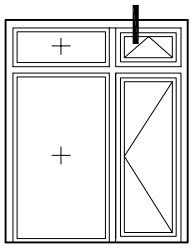

Efektivna dubina ankerisanja $h_{ef}$:
$h_{ef}$ = 20-40mm u Beton
$h_{ef}$ = 40mm u punoj cigli
$h_{ef} \geq$ 50mm u porobeton
$h_{ef} \geq$ 60mm u perforiranoj cigli

Effektive Verankerungstiefe $h_{ef}$:
$h_{ef}$ = 20-40mm in Beton
$h_{ef}$ = 40mm in Vollziegel
$h_{ef} \geq$ 50mm in Porenbeton
$h_{ef} \geq$ 60mm in Hochlochziegel



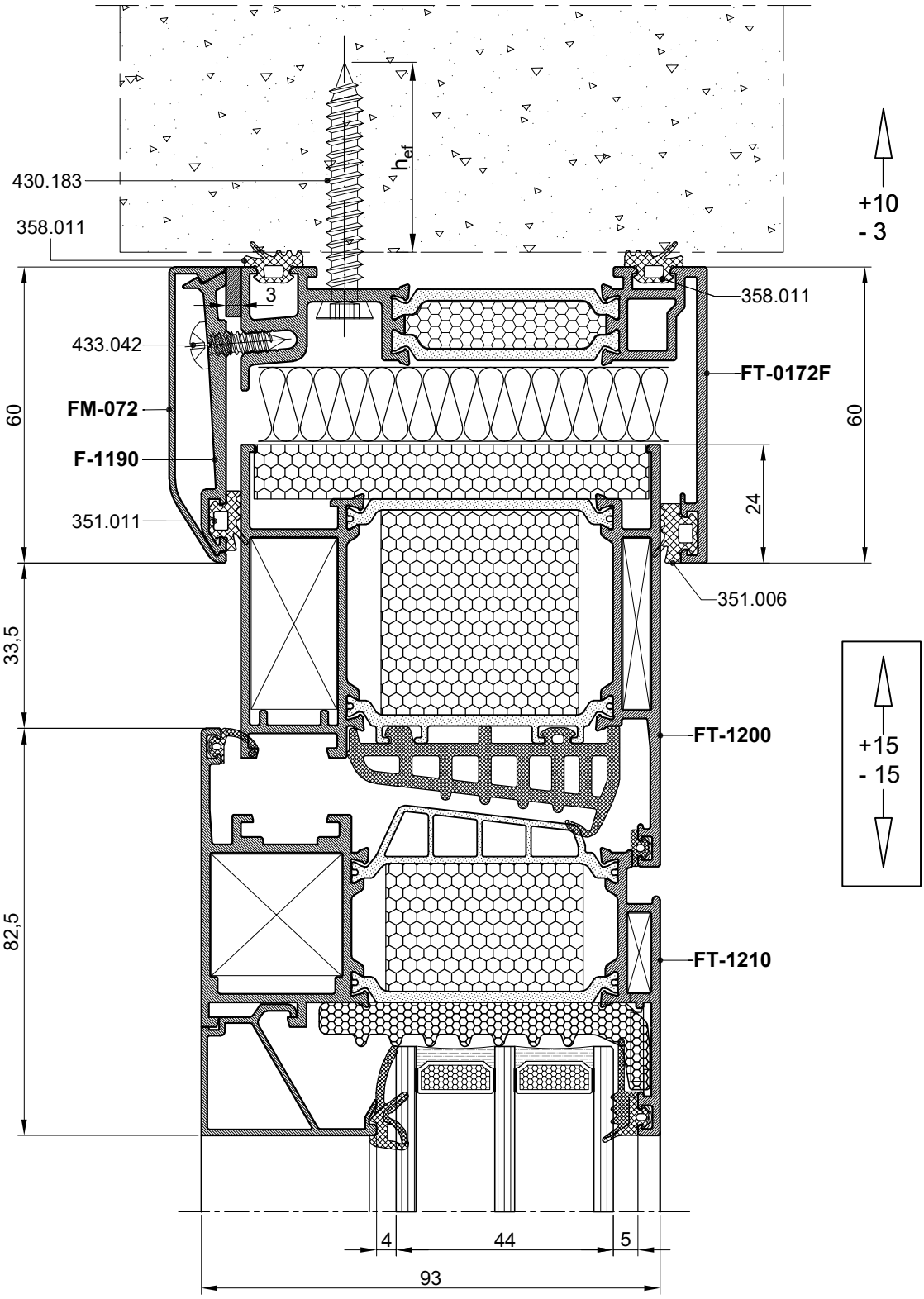

- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- element za ugradnju 521.286
- vijak za ugradnju (npr.430.184) (npr. Fischer FFS 7.5 x 62)
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled

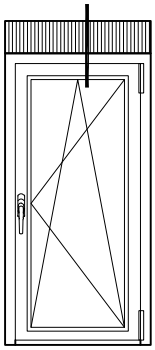
- Außenausbau
- Wärmedämmung
- Hydroisolation (dampfdurchlässiges und wasserdichtes Band) (z.B. Iso Chemie: Iso Connect Outside CX)
- Einbauelement 521.286
- Fensterrahmenschraube (z.B. 430.184) (z.B. Fischer FFS 7.5 x 62)
- Wärmedämmung (Schaumklebeband: Iso Chemie ISO Bloco One)
- Dampfsperre (dampf- und wasserdichtes Band) (z.B. Iso Chemie: Iso Connect Inside CX)
- Innenausbau

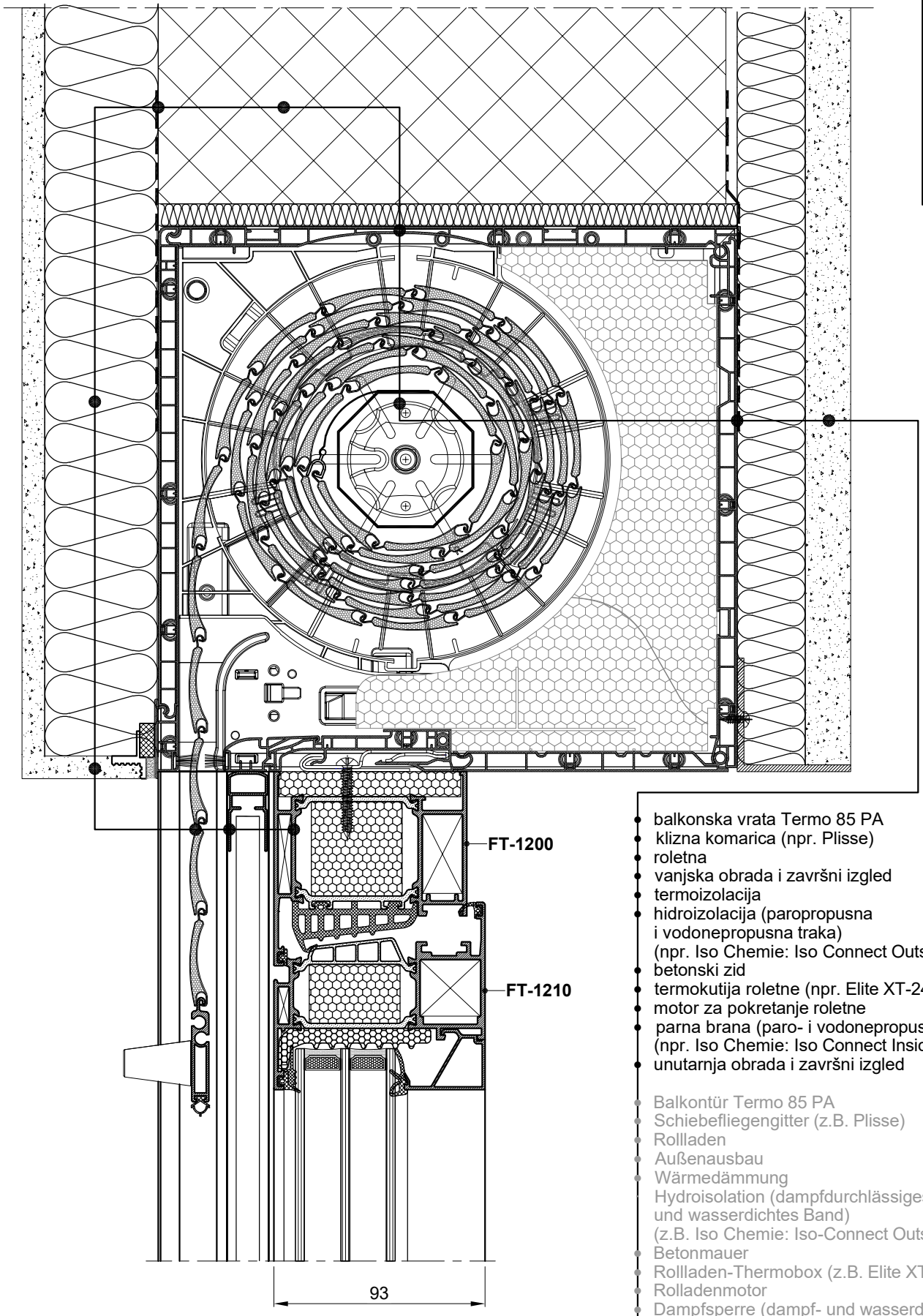


Efektivna dubina ankeriranja $h_{ef}$:
$h_{ef}$ = 20-40mm u Beton
$h_{ef}$ = 40mm u punoj cigli
$h_{ef} \geq$ 50mm u porobeton
$h_{ef} \geq$ 60mm u perforiranoj cigli

Effektive Verankerungstiefe $h_{ef}$:
$h_{ef}$ = 20-40mm in Beton
$h_{ef}$ = 40mm in Vollziegel
$h_{ef} \geq$ 50mm in Porenbeton
$h_{ef} \geq$ 60mm in Hochlochziegel

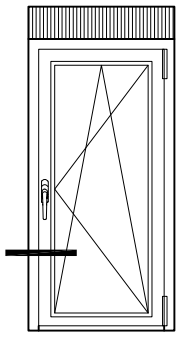






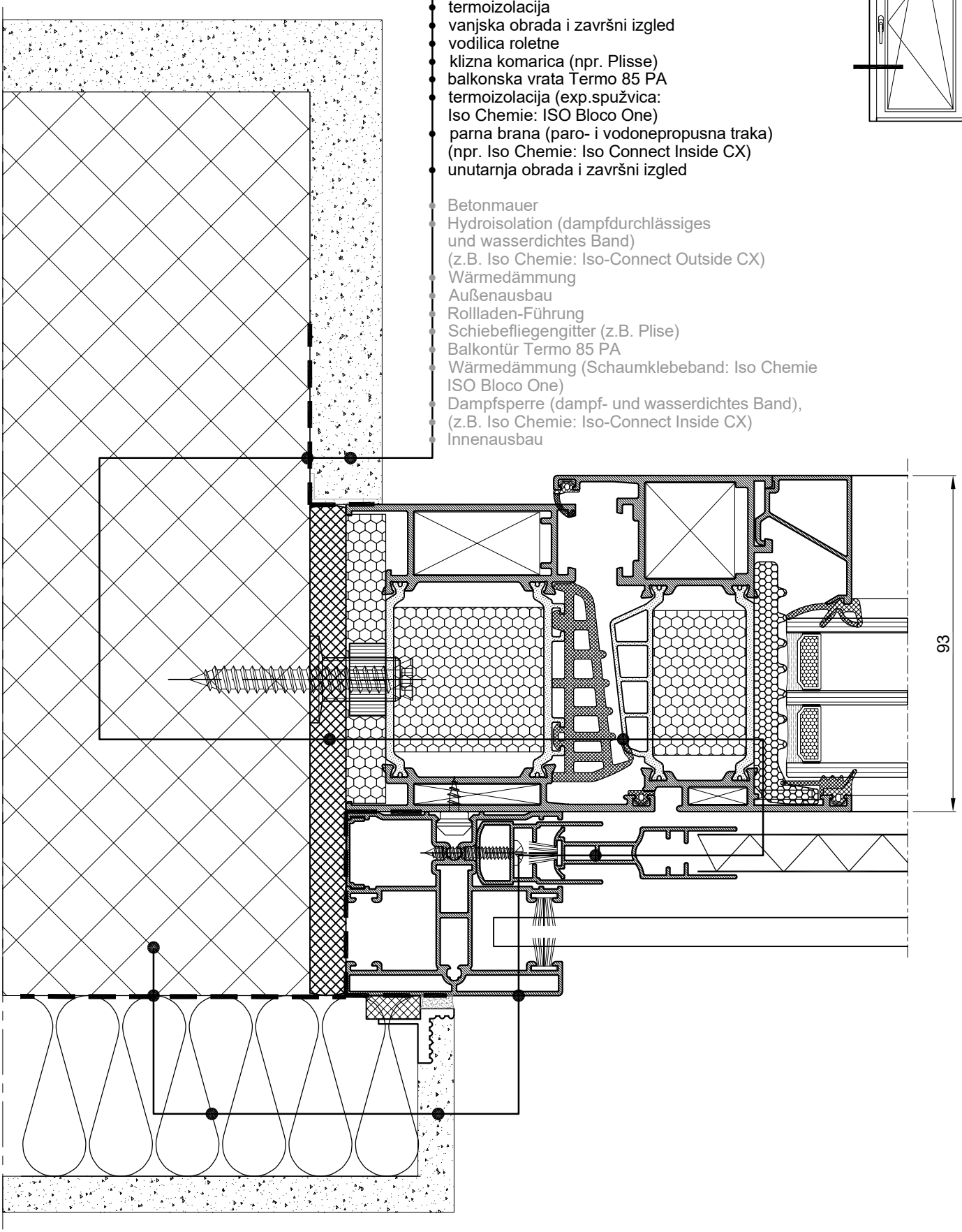

- balkonska vrata Termo 85 PA
- klizna komarica (npr. Plisse)
- roletna
- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- betonski zid
- termokutija roletne (npr. Elite XT-240x255)
- motor za pokretanje roletne
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled

- Balkontür Termo 85 PA
- Schiebefliegengitter (z.B. Plisse)
- Rollladen
- Außenausbau
- Wärmedämmung
- Hydroisolation (dampfdurchlässiges und wasserdichtes Band) (z.B. Iso Chemie: Iso-Connect Outside CX)
- Betonmauer
- Rollladen-Thermobox (z.B. Elite XT-240x255)
- Rolladenmotor
- Dampfsperre (dampf- und wasserdichtes Band), (z.B. Iso Chemie: Iso-Connect Inside CX)
- Innenausbau



- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr.Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- klizna komarica (npr. Plisse)
- balkonska vrata Termo 85 PA
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled

- Betonmauer
- Hydroisolation (dampfdurchlässiges und wasserdichtes Band) (z.B. Iso Chemie: Iso-Connect Outside CX)
- Wärmedämmung
- Außenausbau
- Rollladen-Führung
- Schiebefliegengitter (z.B. Plise)
- Balkontür Termo 85 PA
- Wärmedämmung (Schaumklebeband: Iso Chemie ISO Bloco One)
- Dampfsperre (dampf- und wasserdichtes Band), (z.B. Iso Chemie: Iso-Connect Inside CX)
- Innenausbau



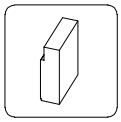
# Obrada i montaža
# Bearbeitung und Montage



PILANJE PROFILA

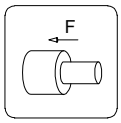
1.PILA

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



2. UMETAK ZA PILANJE PROFILA

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




3. ZATEZAČI - PAKNE

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

SÄGEN DER PROFILE

1.SÄGE

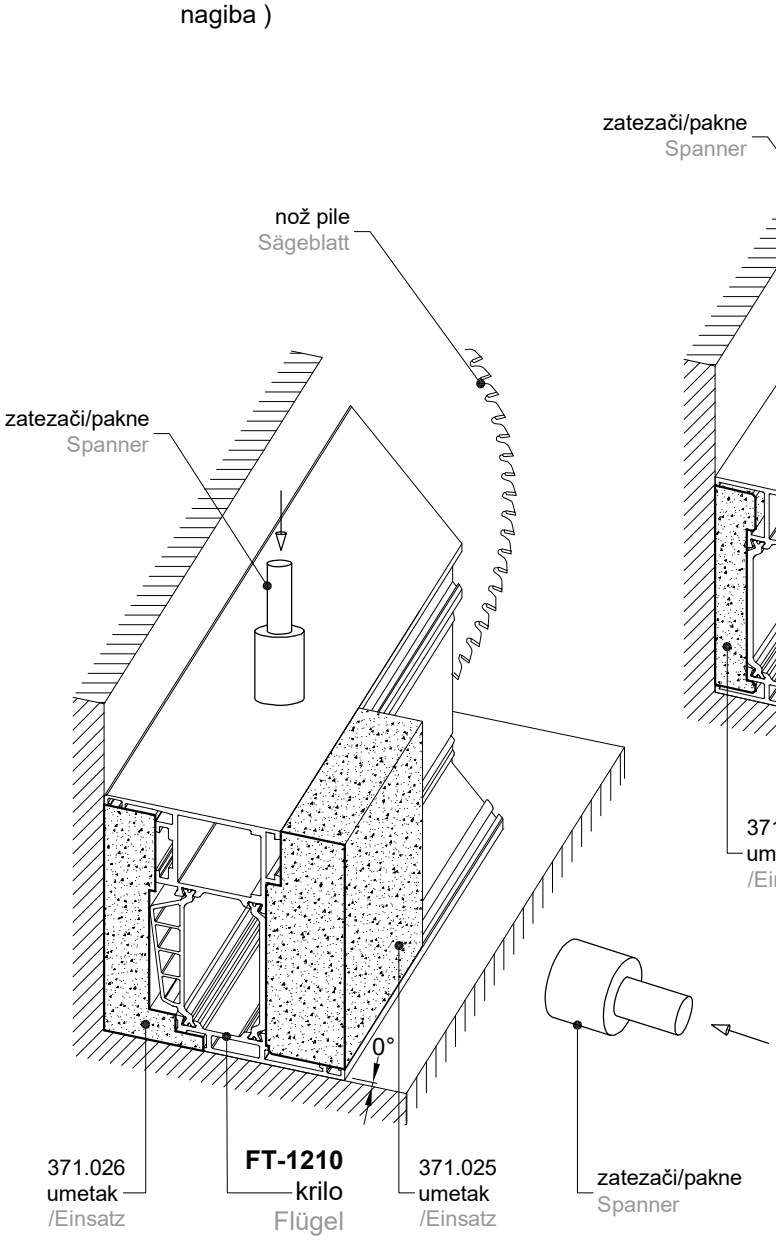
- ein scharfes Sägeblatt verwenden,
- Sägetoleranzen berücksichtigen,
- Maßhaltigkeit prüfen,
- Haupt- und Hilfsspanner verwenden

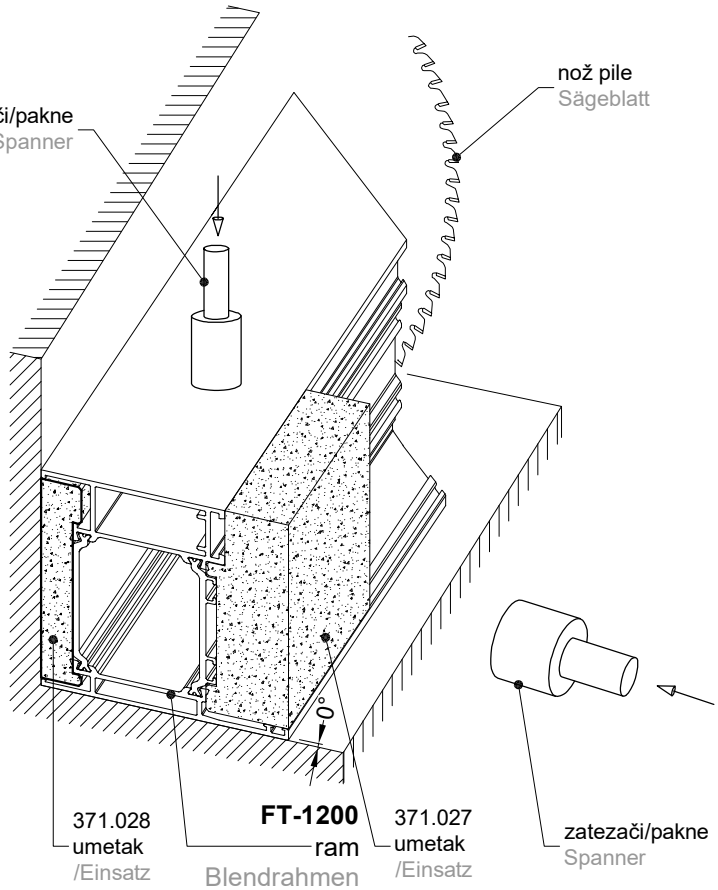
2. EINSATZ FÜR PROFILSÄGEN

- Einsätze für die richtige Positionierung vor dem Sägen verwenden(Bearbeitungsrichtlinien sowie richtige Auswahl der Einsätze sehen)
- Einsätze in die richtige Position bringen

3. SPANNER

- auf die richtige Spannposition achten (vor dem Spannen prüfen, ob das Profil ohne Neigung ist)





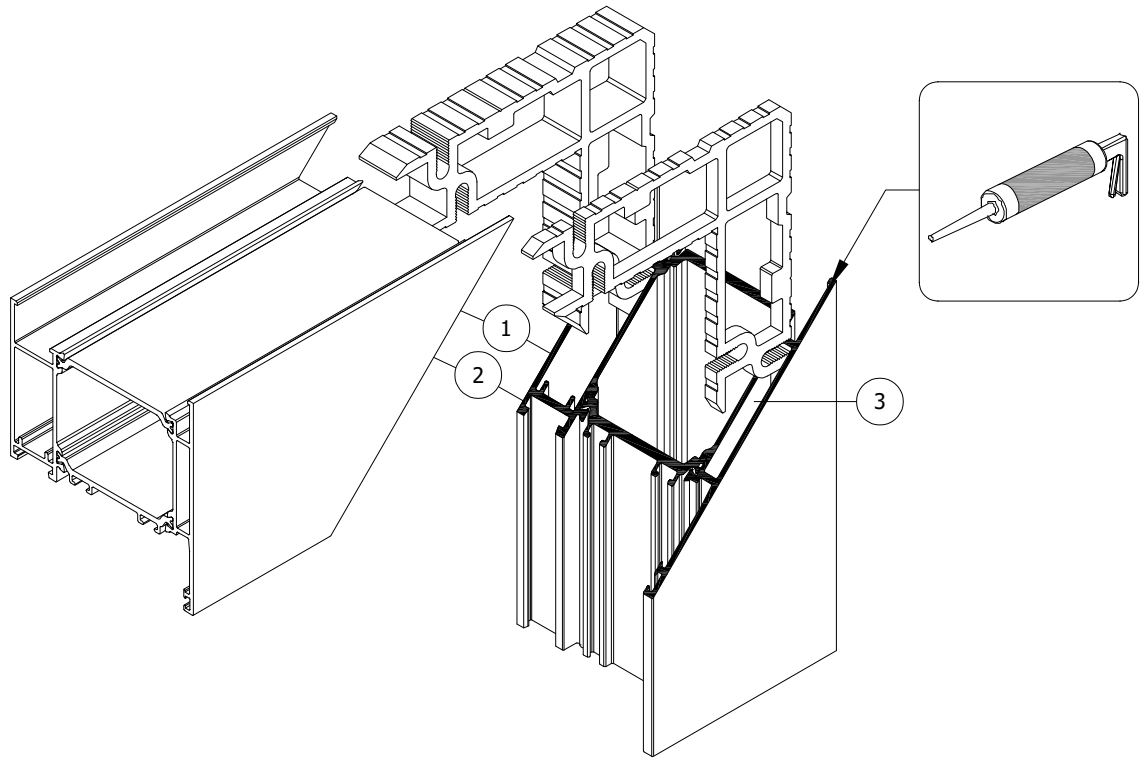

POGREŠNO!

- pogrešan smjer/kut zatezanja,
- profil sa nagibom ( kut > 0°),
- pogrešan spoj umetka i profila,
- pogrešna dimenzija pilanja

FALSCH!

- falsche Richtung / Spannwinkel,
- Profil mit Neigung (Winkel > 0°),
- falsche Verbindung zwischen Einsatz und Profil,
- falsches Sägemaß

## SPAJANJE PROFILA KUTNIM SPOJNICAMA POD KUTEM OD 90°
## VERBINDEN VON PROFILEN MIT ECKVERBINDERN IM 90° WINKEL




POSTUPAK SPAJANJA PROFILA:

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

NAPOMENA:

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

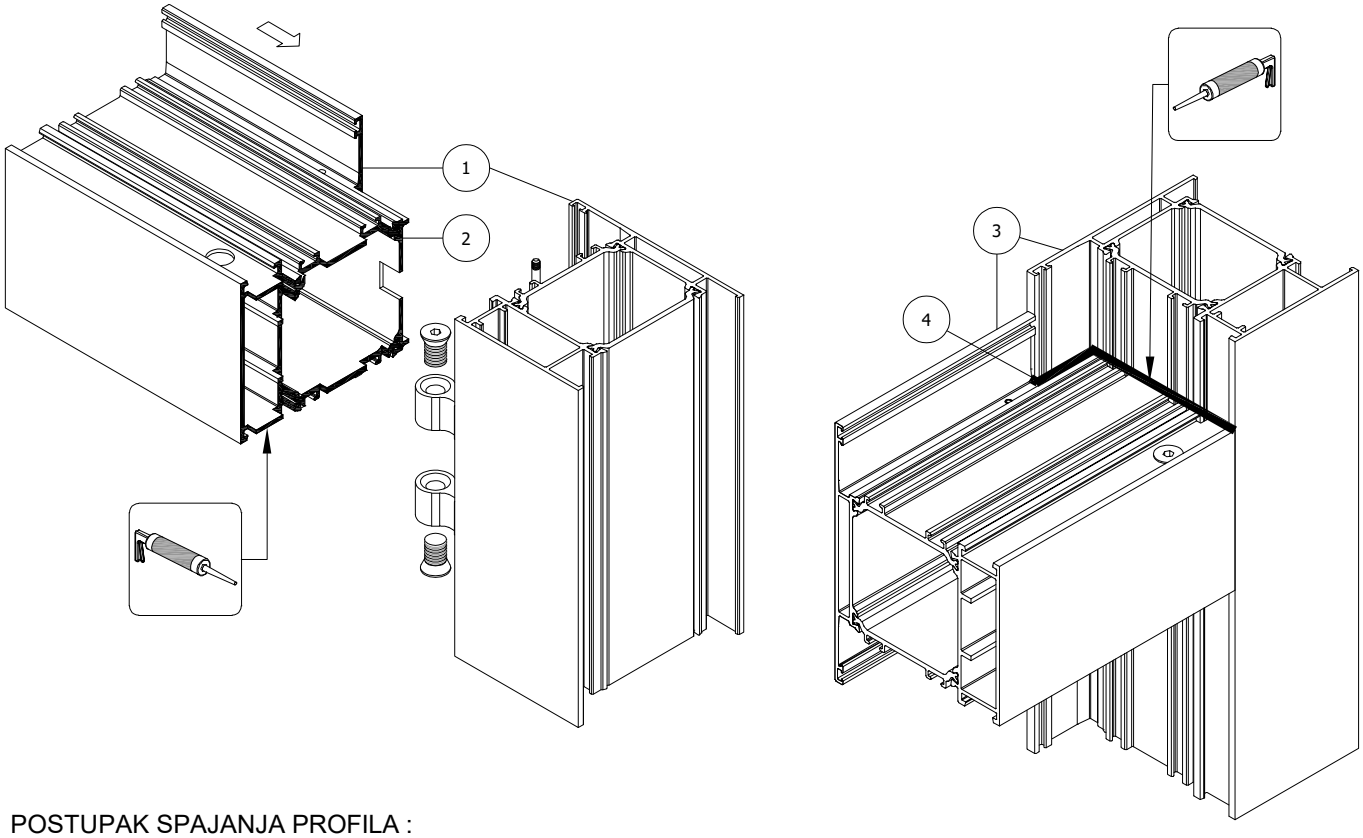
PROFILVERBINDENSVERFAHREN:

1. Zu verklebende Teile mit geeigneter Reiniger und Entfetter säubern. /z.B. "Henkel" - *Teroson VR 20 oder Teroson FL+* /.
2. Metallkleber auf eine Gehrungsfläche auftragen /z.B. "Henkel" - *Teroson MS 939* /.
3. Profilkammern vor der Eckverbindermontage mit Metallkleber einstreichen.
4. Ecke zussammenfügen und ausrichten.
5. Ausgetretenen Kleber mit Reiniger und Entfetter entfernen. /z.B. "Henkel" - *Teroson VR 20 oder Teroson FL+* /.

ANMERKUNG:

Dieses Profilverbindensverfahren ist für alle Feal Eckverbinder und ihre entsprechenden Kammern anwendbar. Durch das Verkleben der Profile und Eckverbinder mit einem Metallkleber wird die notwendige Luft- und Wasserdichtigkeit der Verbindung sowie zusätzliche mechanische Festigkeit gewährleistet.

## SPAJANJE PROFILA POMOĆU VEZNIKA
## VERBINDEN VON PROFILE MIT T-VERBINDERN




POSTUPAK SPAJANJA PROFILA :

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

NAPOMENA:

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

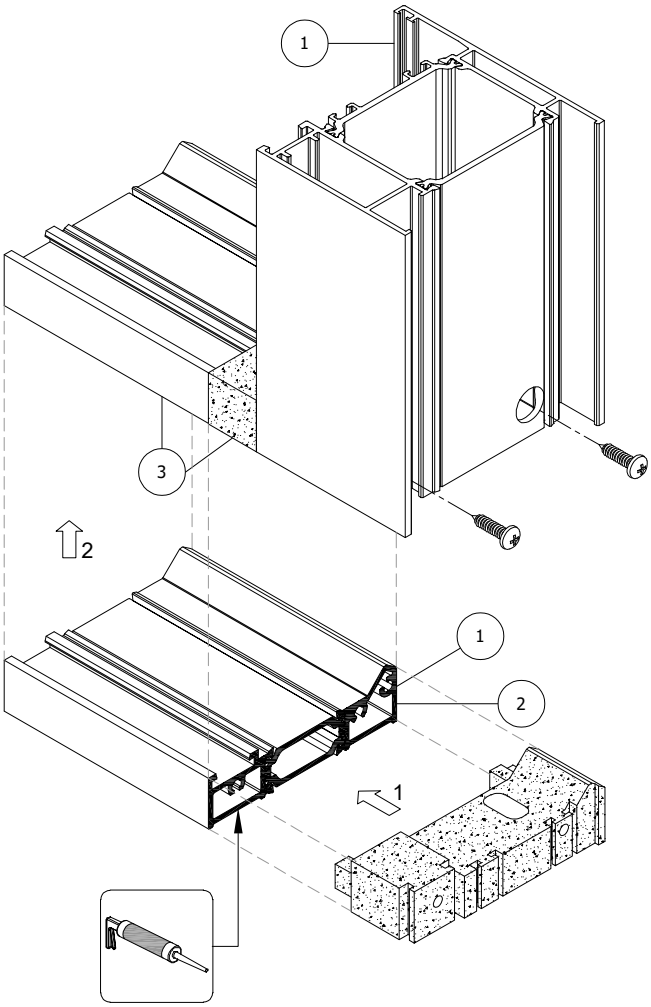
VERFAHREN DES PROFILEVERBINDEN :

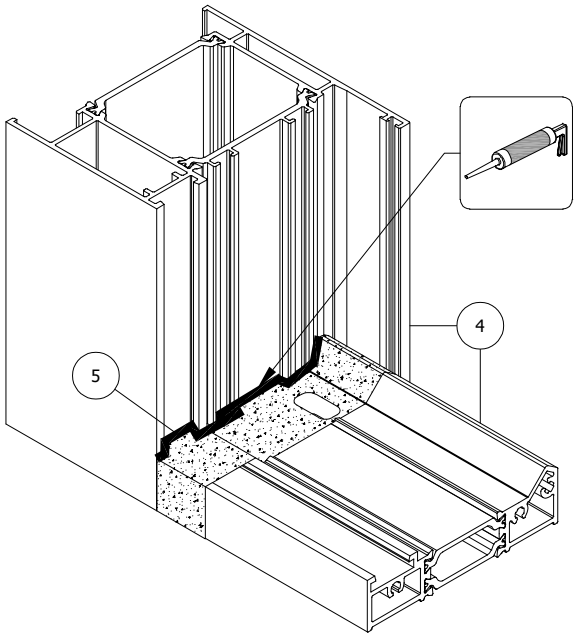
1. Zu verklebende Teile mit geeigneter Reiniger und Entfetter säubern. /z.B. "Henkel" - *Teroson VR 20 ili Teroson FL+* /.
2. Metallkleber auf eine Gehrungsfläche auftragen /z.B. "Henkel" - *Teroson MS 939* /.
3. Profile mit Verbindungselemente ausrichten und verbinden
4. **Nach dem Verbinden der Profile alle Fugen der Profile mit Metallkleber füllen** /z.B. "Henkel" - *Teroson MS 939* /.
5. Ausgetretenen Kleber mit Reiniger und Entfetter entfernen. /z.B. "Henkel" - *Teroson VR 20 ili Teroson FL+* /.

ANMERKUNG:

Durch die Verklebung des Profils sowie aller Profilstöße mit einem Metallkleber wird die notwendige Luft- und Wasserdichtigkeit der Verbindung sowie zusätzliche mechanische Festigkeit gewährleistet.

# SPAJANJE PROFILA PRAGA S PROFILOM RAMA POMOĆU UMETKA
## VERBINDEN VON SCHWELLENPROFIL MIT BLENDRAHMENPROFIL MITTELS EINSATZ




POSTUPAK SPAJANJA PROFILA :

1. Sve površine koje se spajaju-rezove očistiti i odmastiti odgovarajućim sredstvom /npr. "Henkel" - *Teroson VR 20 ili Teroson FL+* /.
2. Na profilu praga premazati sve površine koje se spajaju ljepilom za metal /npr. "Henkel" - *Teroson MS 939* /.

2.1. Ljepilo za metal ubrizgati u komore profila praga na mjestima gdje ulazi umetak (po opsegu komore)

3. Profil praga i umetak izravnati i spojiti.
4. Profil praga sa spojenim umetkom izravnati i spojiti sa profilom rama.
5. **Nakon spajanja profila, sve spojeve profila i umetka ispuniti ljepilom za metal** /npr. "Henkel" - *Teroson MS 939* /.
6. Dio ljepila koji iscuri između rezova očistiti sredstvom za čišćenje i odmašćivanje /npr. "Henkel" - *Teroson VR 20 ili Teroson FL+* /.

NAPOMENA:

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

VERFAHREN DES PROFILEVERBINDEN:

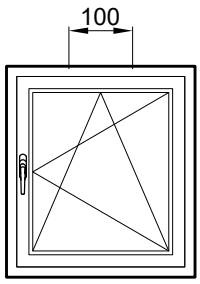
1. Zu verklebende Teile mit geeignetem Reiniger und Entfetter säubern. /z.B. "Henkel" - *Teroson VR 20 ili Teroson FL+* /.
2. Auf dem Schwellenprofil alle zu verbindenden Flächen mit Metallkleber bestreichen /z.B. "Henkel" - *Teroson MS 939* /.

2.1. Den Metallkleber an den Eintrittsstellen des Einsatzes (je Innenfläche) in die Schwellenprofilkammer spritzen.

3. Schwellenprofil und Einsatz ausrichten und verbinden.
4. Schwellenprofil mit dem verbundenen Einsatz ausrichten und mit dem Blendrahmenprofil verbinden.
5. **Nach dem Verbinden der Profile alle Fugen der Profile mit Metallkleber füllen.** /z.B. "Henkel" - *Teroson MS 939* /.
6. Ausgetretenen Kleber mit Reiniger und Entfetter entfernen. /z.B. "Henkel" - *Teroson VR 20 ili Teroson FL+* /.

ANMERKUNG:

Durch die Verklebung der Schnittflächen sowie aller Profilstöße mit einem Metallkleber wird die notwendige Luft- und Wasserdichtigkeit der Verbindung sowie zusätzliche mechanische Festigkeit gewährleistet.




UPORABA BRTVE 327.002

-Ovisno je li prozor izložen manjoj ili većoj količini padalina, postoji mogućnost da dođe do "zagušenja" /otvori za kondenzat na profilu rama ne mogu da odvedu sve kapljevine koje uđu u za to predviđeni prostor u profilu rama/, te postoji mogućnost ulaska vode u unutarnji dio profila tj. u objekt. Da bi se ovo spriječilo koristi se brtva 327.002.

-Brtvu 327.002 umetnuti po opsegu prozora, samo u gornjem pojasu se brtva prekida radi omogućavanja ventilacije prozora /vidjeti skicu/.

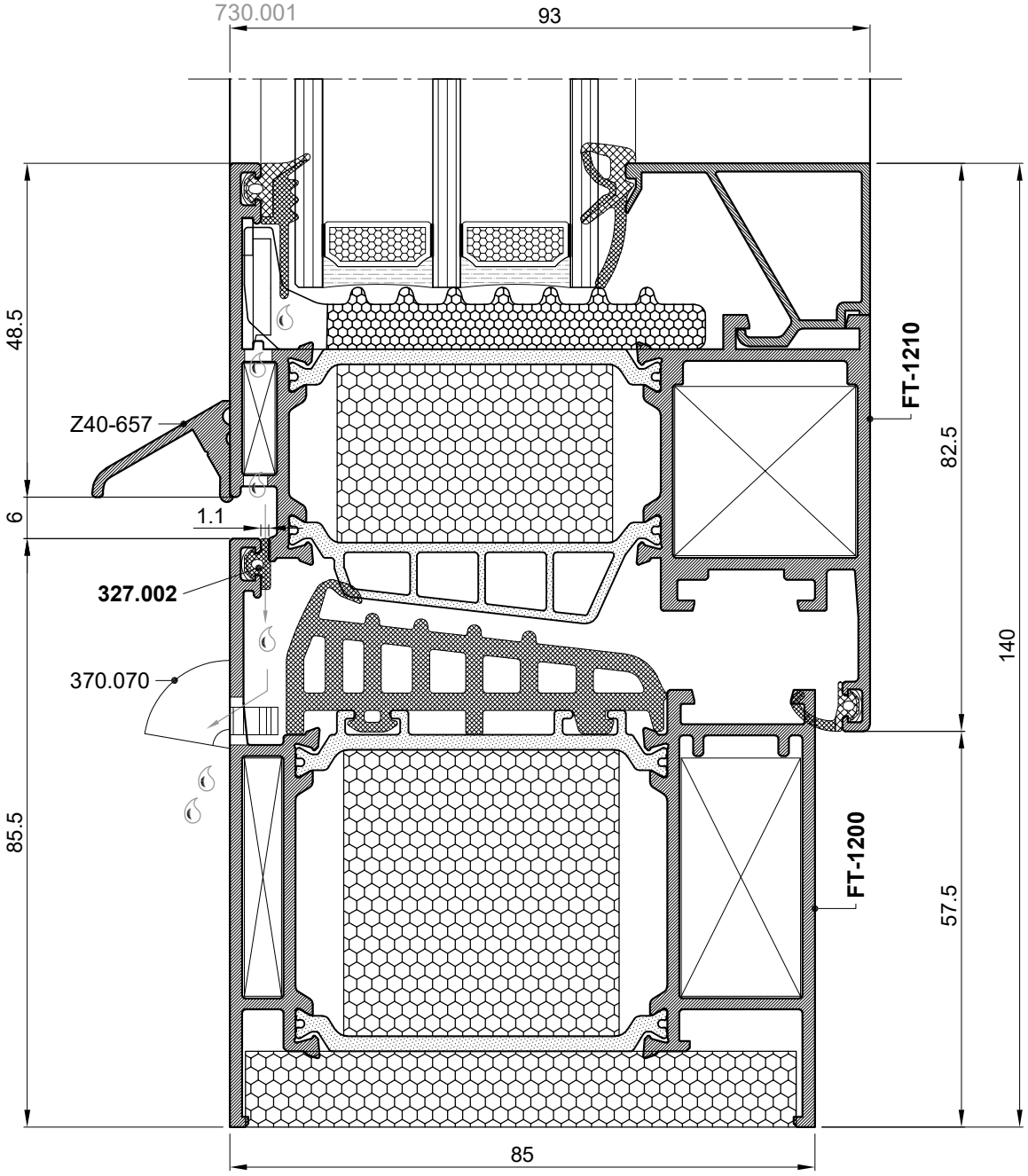
-Korištenje brtve 327.002 zahtjeva uporabu kutnika 730.001.

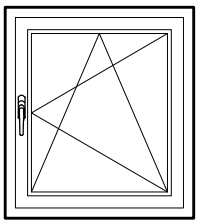
NUTZUNG DER DICHTUNG 327.002

-Je nachdem, ob das Fenster weniger oder mehr Niederschlägen ausgesetzt ist, besteht die Möglichkeit des „Verstopfens“ / wenn die Kondenswasseröffnungen am Blendrahmenprofil nicht alle Flüssigkeiten ableiten können, die in den dafür vorgesehenen Raum im Rahmenprofil gelangen / und es besteht die Möglichkeit des Eindringens von Wasser in den inneren Teil des Profils, d. h. in das Objekt. Um dies zu verhindern, wird eine Dichtung 327.002 verwendet.

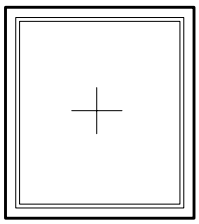
-Dichtung 327.002 umlaufend am Fenster einlegen, nur im oberen Teil wird die Dichtung unterbrochen, um eine Fensterlüftung zu ermöglichen / siehe Skizze/.

-Die Verwendung der Dichtung 327.002 erfordert auch die Verwendung des Eckverbinders 730.001





## ODVOD KAPLJEVINA IZ PROZORA
FENSTERENTWÄSSERUNG

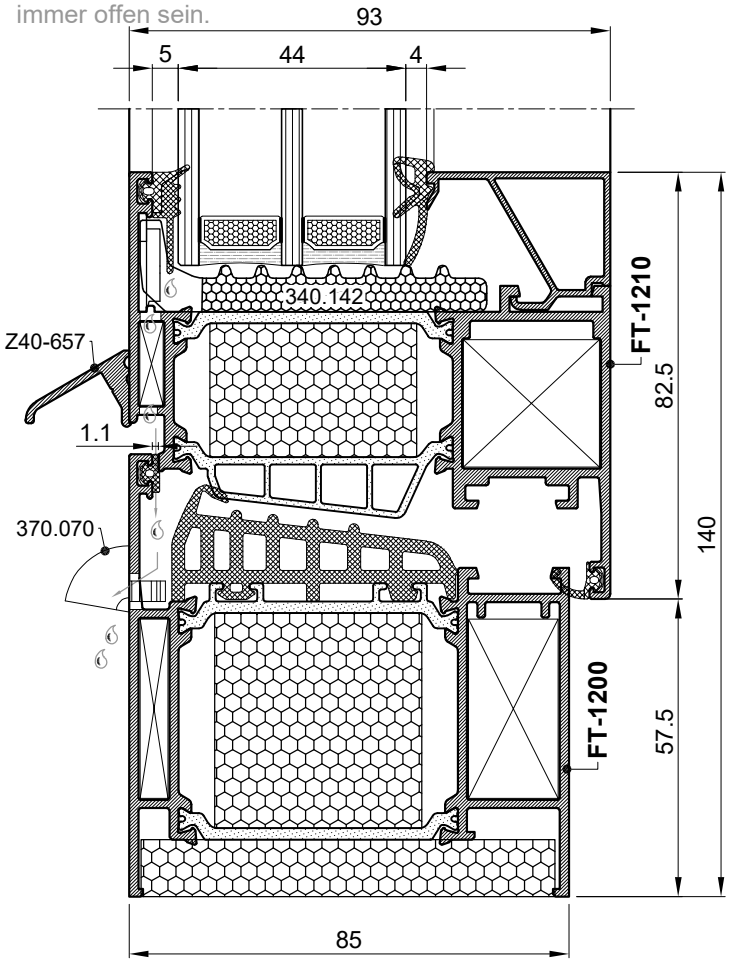


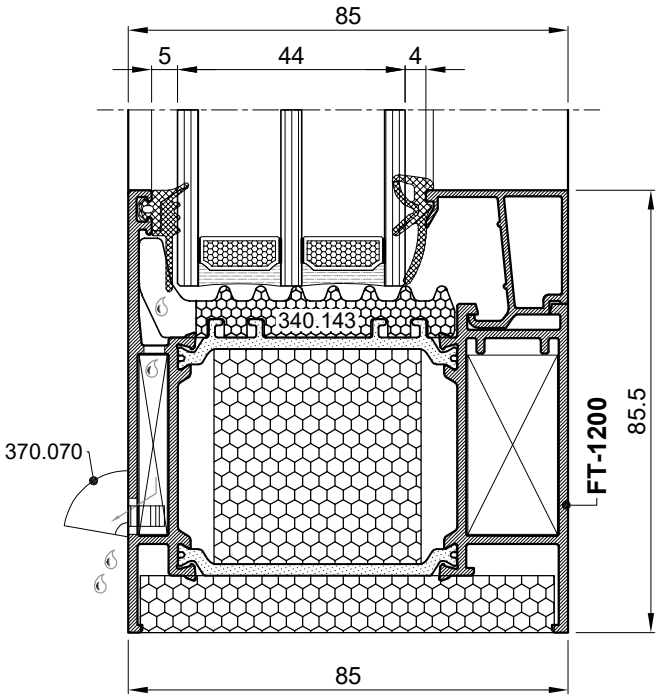
### ODVOD KAPLJEVINA IZ OTVARAJUĆEG PROZORA
Kapljevine koje uđu u krilo između vanjske brtve i staklo ispune,vode se kroz otvor na termo ispuni 340.142 i profilu krila prema vani. Dio kapljevina iz krila i kapljevine s vana ulaze u predviđeni prostor u profilu rama te ga napuštaju kroz otvore u profilu koji se maskiraju čepom 370.070.
Napomena: Otvore na profilu rama uvijek držati otvoreni.

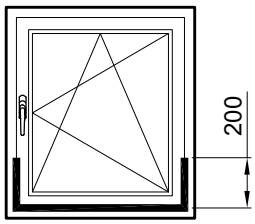
### ENTWÄSSERUNG VON ÖFFNENDEM FENSTER
Flüssigkeiten, die zwischen Außendichtung und Glasfüllung in den Flügel gelangen, werden durch eine Öffnung auf der Thermofüllung 340.142 und dem Flügelprofil nach außen geleitet. Ein Teil der Flüssigkeiten vom Flügel und die Flüssigkeiten von außen tritt in den dafür vorgesehenen Raum im Blendrahmenprofil ein und verlässt ihn durch die Öffnungen im Profil, die durch die Entwässerungskappe 370.070 abgedeckt sind.
ANMERKUNG: Entwässerungsöffnungen am Profil sollten immer offen sein.

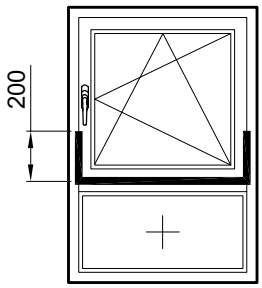
### ODVOD KAPLJEVINA IZ FIKSNOG PROZORA
Kapljevine koje uđu u ram između vanjske brtve i staklo ispune,vode se kroz otvor na termo ispuni 340.143 i profilu rama prema vani.Otvori u profilu se maskiraju čepom 370.070
Napomena: Otvore na profilu rama uvijek držati otvoreni.

### ENTWÄSSERUNG DER FESTVERGLASUNG
Flüssigkeiten, die zwischen Außendichtung und Glasfüllung in den Blendrahmen gelangen, werden durch eine Öffnung an der Thermofüllung 340.143 und dem Blendrahmenprofil nach außen geleitet. Die Öffnungen im Profil werden mit der Entwässerungskappe 370.070 abgedeckt.
ANMERKUNG: Entwässerungsöffnungen am Profil sollten immer offen sein.



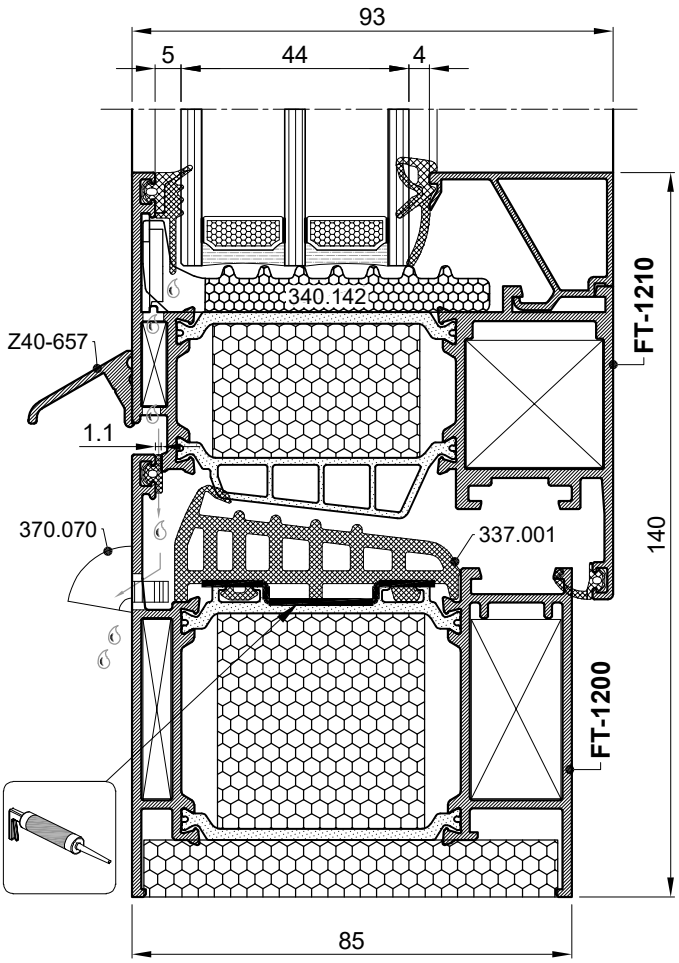



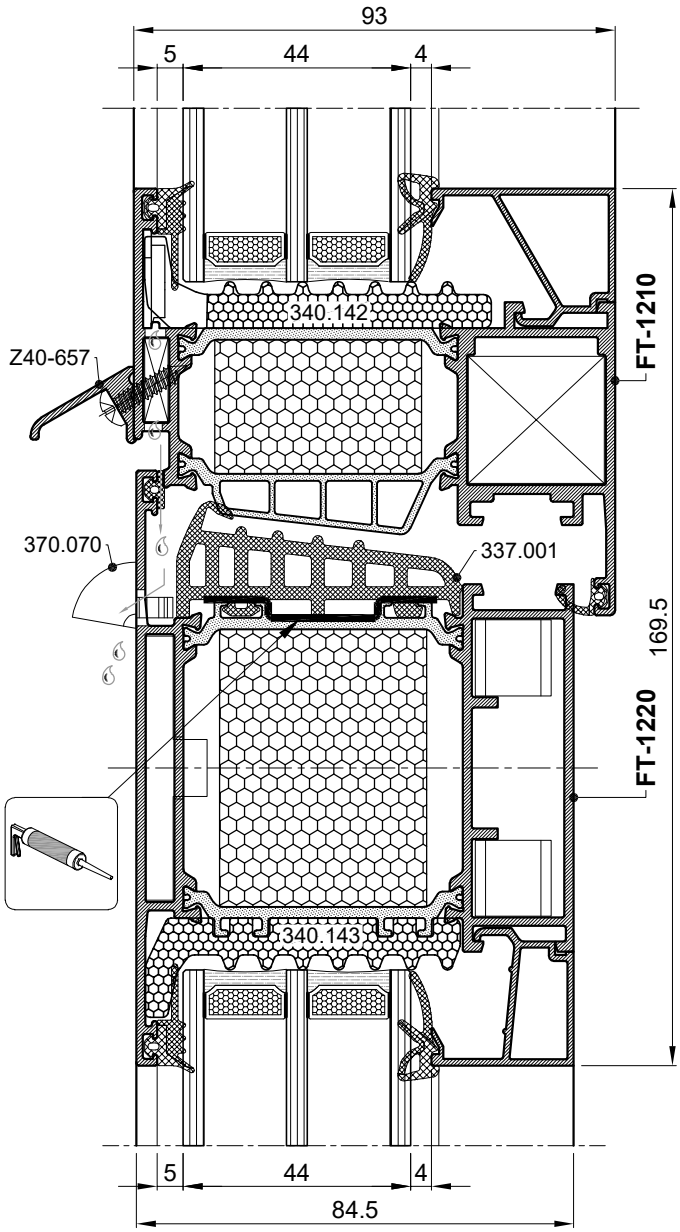


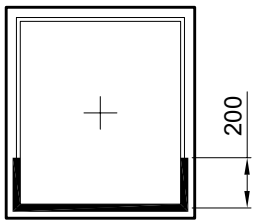



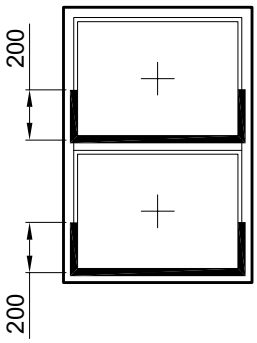

LIJEPLJENJE CENTRALNE BRTVE ZA PODLOGU
U uvjetima veće izloženosti prozora padalinama,
radi mogućeg prodora kapljevina,
preporučuje se lijepljenje centralne brtve 337.001 za podlogu,
neutralnim ljepilom / npr. "Henkel" - *Teroson MS 939* /
prema crtežu.

KLEBEN DER MITTELDICHTUNG AUF PROFIL
Wenn das Fenster stärkeren Niederschlägen ausgesetzt ist,
wird empfohlen, wegen des möglichen Eindringens von
Flüssigkeiten, die Mitteldichtung 337.001 auf das Profil zu
kleben, mit einem neutralen Klebstoff / z.B. "Henkel" - Teroson
MS 939 / gemäß Zeichnung zu kleben.



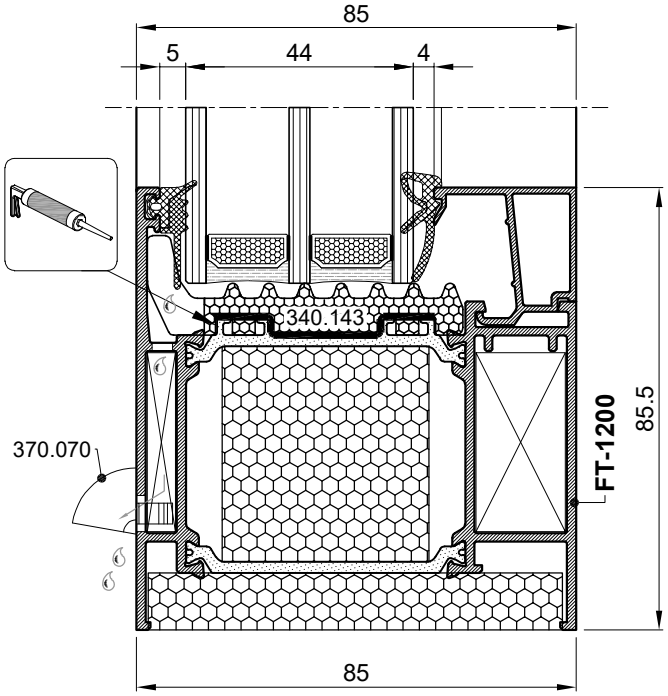



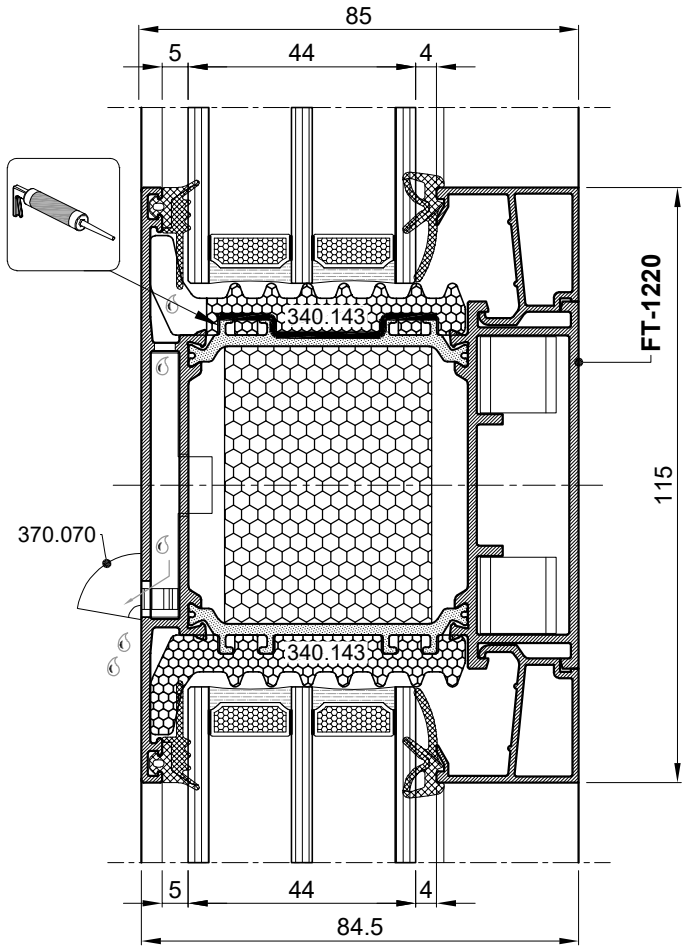


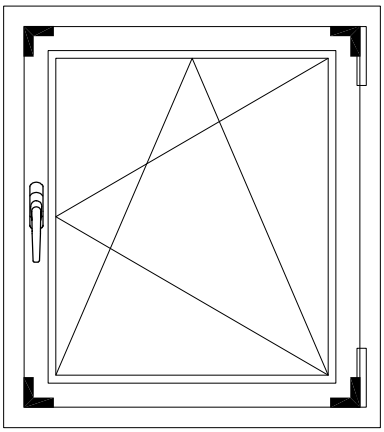

LIJEPLJENJE ISPUNE ZA PODLOGU
U uvjetima veće izloženosti prozora padalinama, radi mogućeg prodora kapljevina, preporučuje se lijepljenje termo ispune 340.143 za podlogu, neutralnim ljepilom / npr. "Henkel" - *Teroson MS 939* /, prema crtežu.

KLEBEN DER MITTELDICHTUNG AUF PROFIL
Wenn das Fenster stärkeren Niederschlägen ausgesetzt ist, wird empfohlen, wegen des möglichen Eindringens von Flüssigkeiten, die Mitteldichtung 340.143 auf das Profil, mit einem neutralen Klebstoff / z.B. "Henkel" - Teroson MS 939 / gemäß Zeichnung zu kleben.

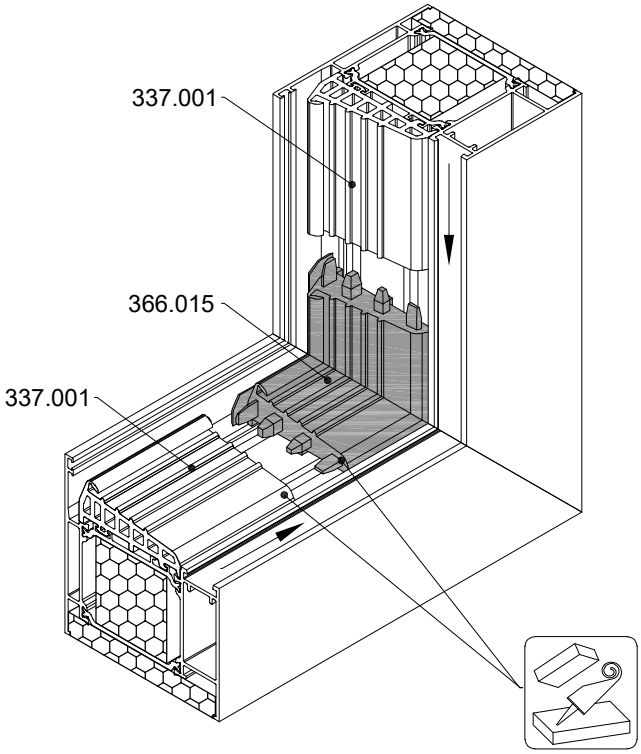


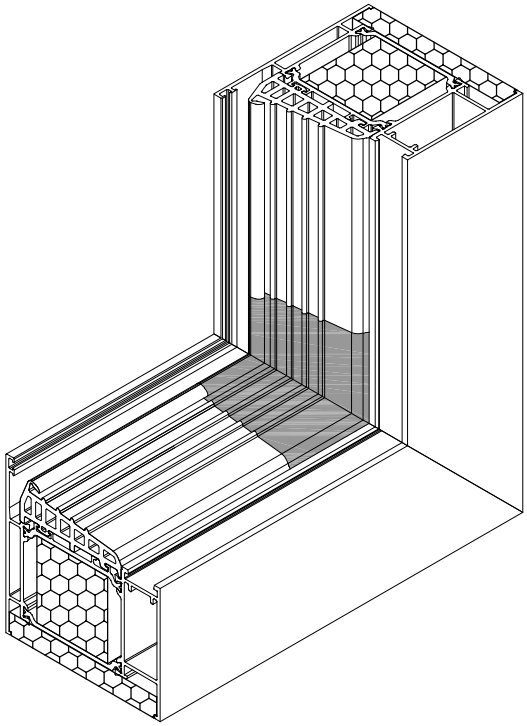



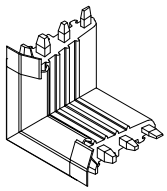
# DETALJ UGRADNJE KUTNOG UMETKA CENTRALNE BRTVE
MONTAGEDETAIL DER DICHTUNGSECKE FÜR DIE MITTELDICHTUNG



-Preporučuje se, na mjestu dodira, lijepljenje centralne brtve 337.001 i kutnog umetka 366.015 ljepilom za EPDM (npr.trenutno ljepilo Loctite 4090).
-Lijepljenjem se osigurava neprekidnost centralne brtve čime se osigurava potrebna zrakopropusnost i vodonepropusnost spoja.
-Es wird empfohlen, die Mitteldichtung 337.001 und die Dichtungsecke 366.015 an der Kontaktstelle mit EPDM-Kleber zusammen zu kleben. (z.B. Klebstoff Loctite 4090)
-Durch Verklebung wird die Kontinuität der Mitteldichtung und die notwendige Luft- sowie Wasserdichtigkeit der Verbindung gewährleistet.



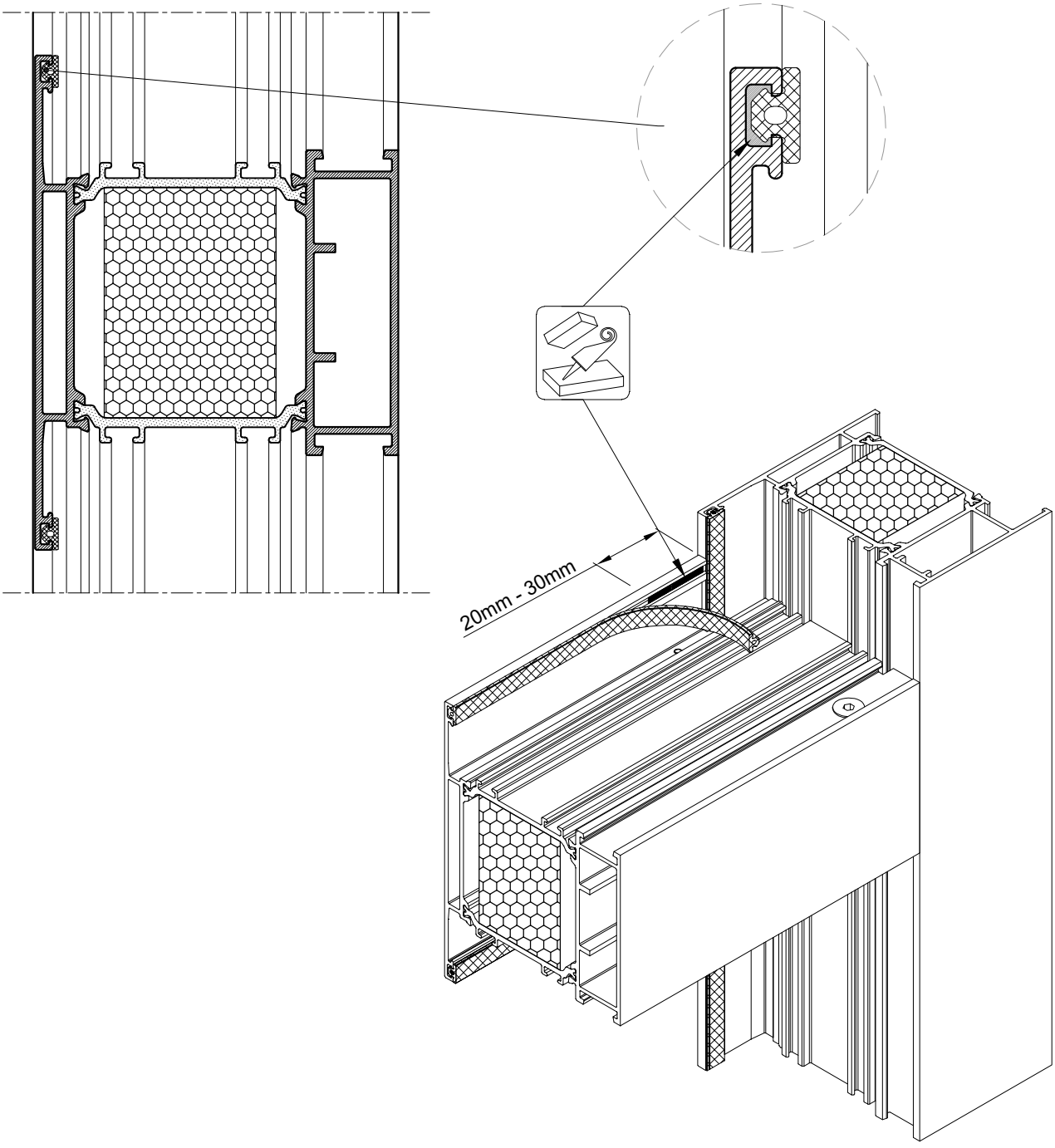





366.015 -Kutni umetak za centralnu brtvu 337.001
366.015 -Dichtungsecke für Mitteldichtung 337.001

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

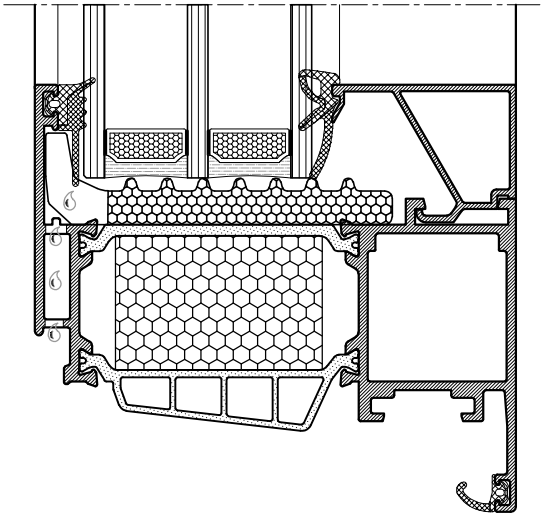
EMPFEHLUNG:
Durch Elastizität, Dilatation und andere Einflüsse kann es vorkommen, dass sich die Dichtung in der Nut zum Glas zurück bzw. zusammen zieht, was zum Eindringen von Wasser in das Profil führen kann.
Es wird empfohlen, die Dichtungsenden mit Klebstoffen für Metall und EPDM (z.B. Loctite 4090- gemäß Zeichnung) zu verkleben. Dies gilt für alle Dichtungen, die in die Nut eingezogen werden.



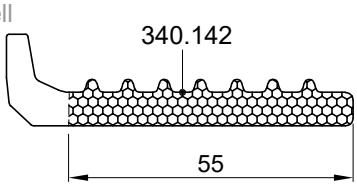
## OBRADA TERMO ISPUNE XPE PO OPSEGU STAKLA ZA ODVOD KAPLJEVINA I VENTILIRANJA KOMORA KRILA PROZORA

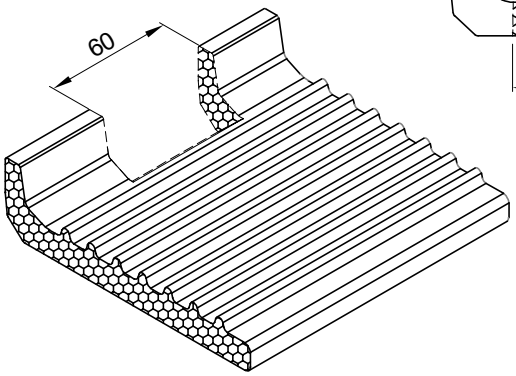
## BEARBEITUNG VON GLASFALZDÄMMUNG XPE ZUR ENTWÄSSERUNG UND BELÜFTUNG VON FENSTERFLÜGELKAMMERN

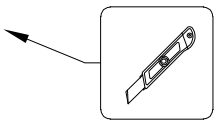
**FT-1210**



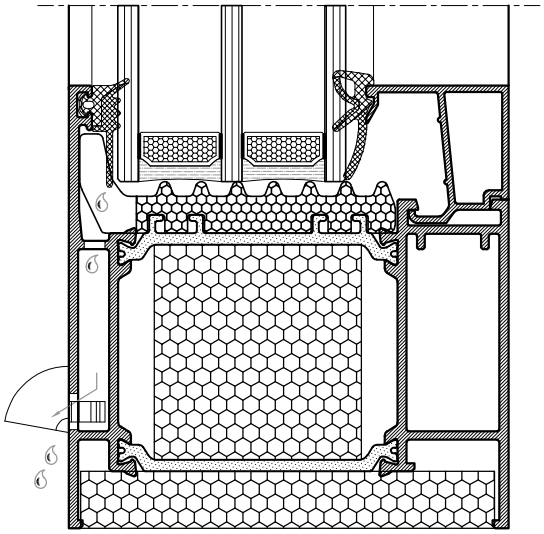
- obrada termo ispune XPE u donjem pojasu krila radi odvoda kapljevina
- obrada termo ispune XPE okomitih pojasa krila radi ventiliranja komora krila prozora (otvore na termo ispuni XPE raditi na mjestima gdje se nalaze i otvori za odvod kapljevina kao i otvori za ventiliranje komora krila prozora )
- Alat: škare ili skalpel
- Bearbeitung von Glasfalzdämmung XPE im unteren Teil des Flügels, um Flüssigkeiten abzulassen
- Bearbeitung von Glasfalzdämmung XPE im vertikalen Bereich zur Belüftung von Flügelkammern . (Öffnungen in der Glasfalzdämmung XPE an den Stellen ausschneiden, an denen Öffnungen zum Abfluss von Flüssigkeiten sowie Öffnungen zur Belüftung von Fensterflügelkammern vorhanden sind)
- Werkzeug: Schere oder Skalpell



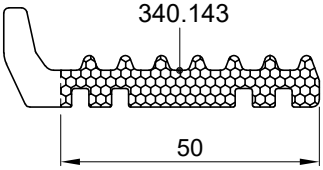



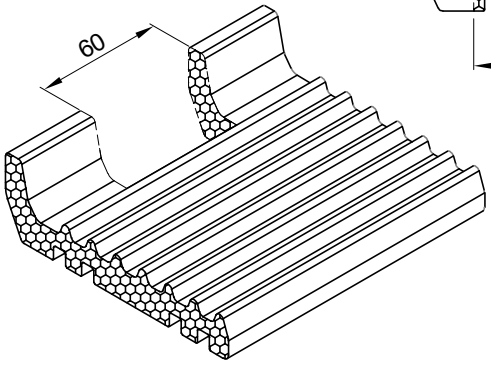



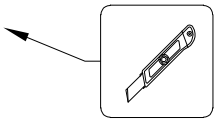
**FT-1200**

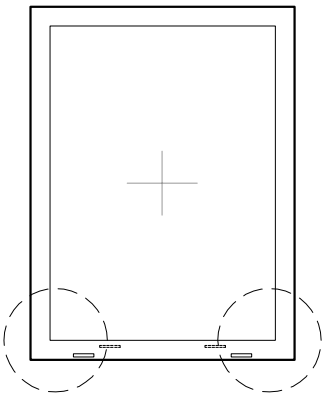


- obrada termo ispune XPE u donjem pojasu rama radi odvoda kapljevina (otvore na termo ispuni XPE raditi na mjestima gdje se nalaze i otvori za odvod kapljevina iz profila rama)
- Alat: škare ili skalpel
- Bearbeitung von Glasfalzdämmung XPE im unteren Teil des Blendrahmens (Ausschnitte auf Glasfalzdämmung XPE should be made an denen Öffnungen zum Abfluss von Flüssigkeiten vorhanden sind)
- Werkzeug: Schere oder Skalpell

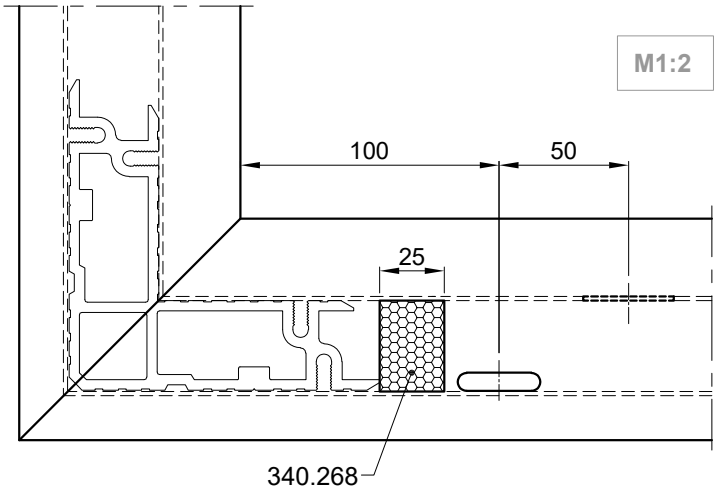


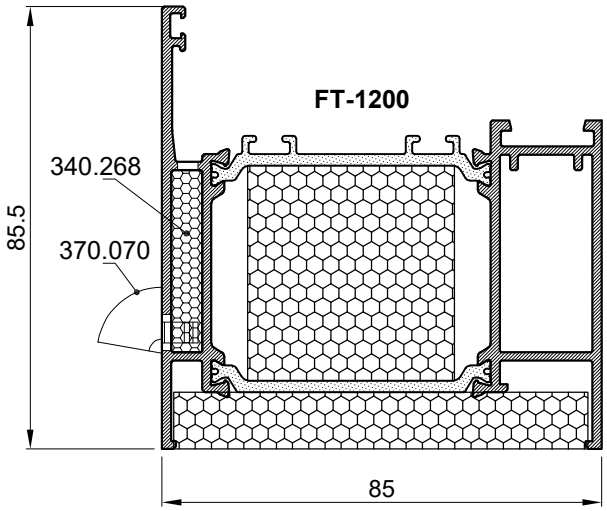



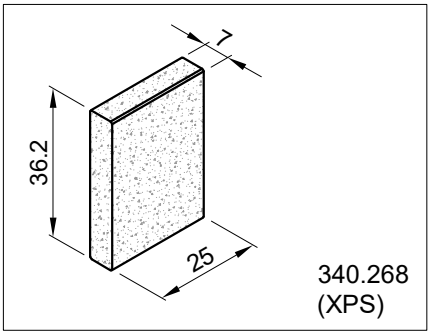





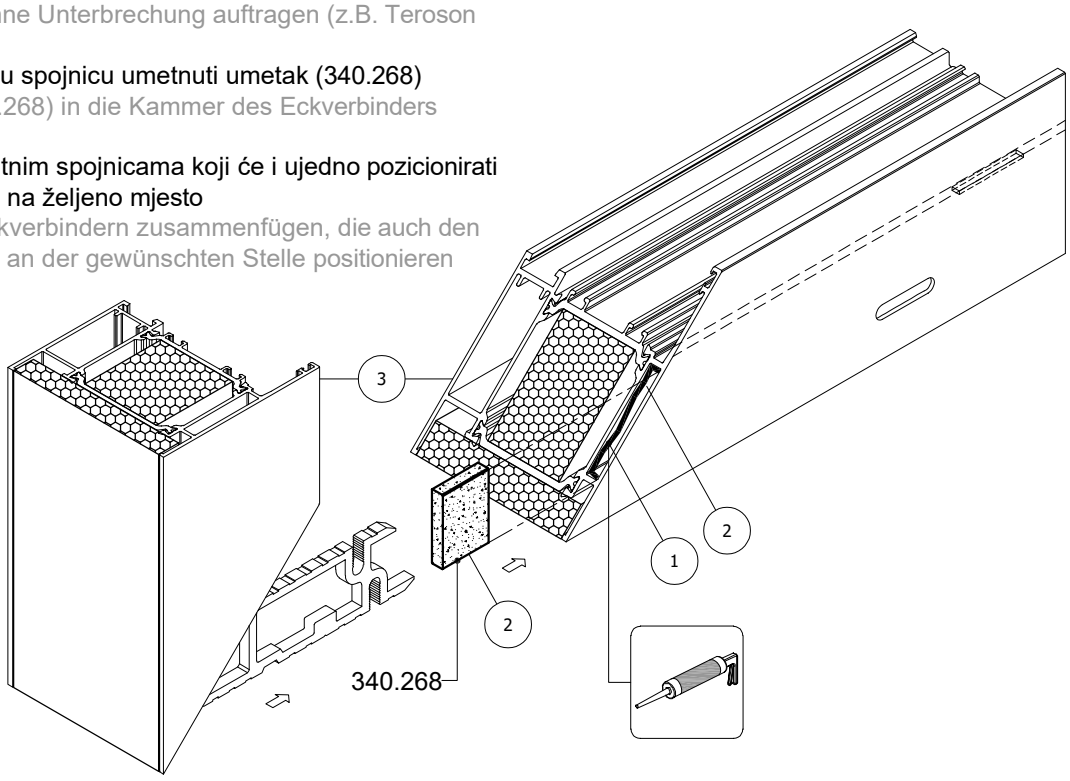
MONTAŽA XPS BARIJERE U PROFILU RAMA FT-1200 ZA ODVOD KAPLJEVINA
MONTAGE DER XPS BARRIERE IN DAS BLENDRAHMENPROFIL FT-1200 FÜR DIE ENTWÄSSERUNG

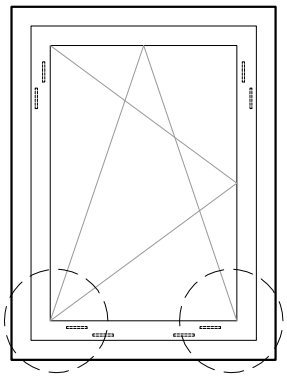


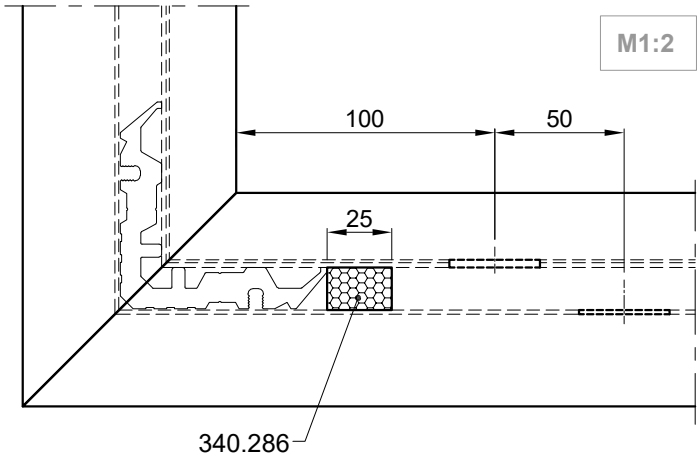



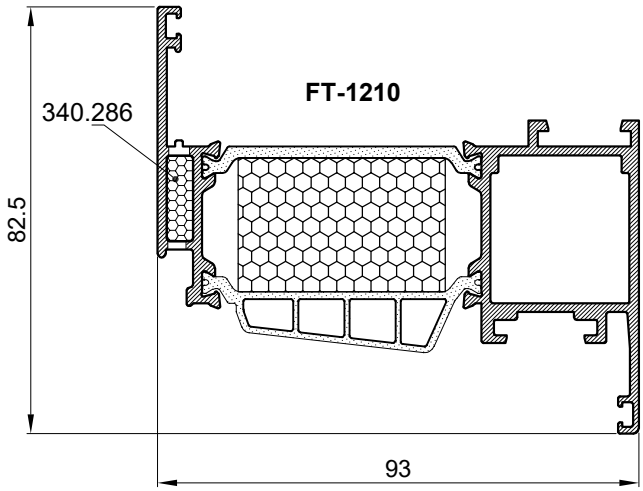

1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
   Einen neutralen Silikonkleber auf den Innenumfang der Außenkammer ohne Unterbrechung auftragen (z.B. Teroson MS939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.268)
   Den Einsatz (340.268) in die Kammer des Eckverbinders einsetzen
3. Spojiti profile s kutnim spojnicama koji će i ujedno pozicionirati umetak (340.268) na željeno mjesto
   Die Profile mit Eckverbindern zusammenfügen, die auch den Einsatz (340.268) an der gewünschten Stelle positionieren

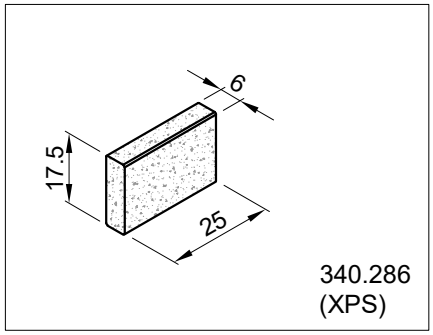




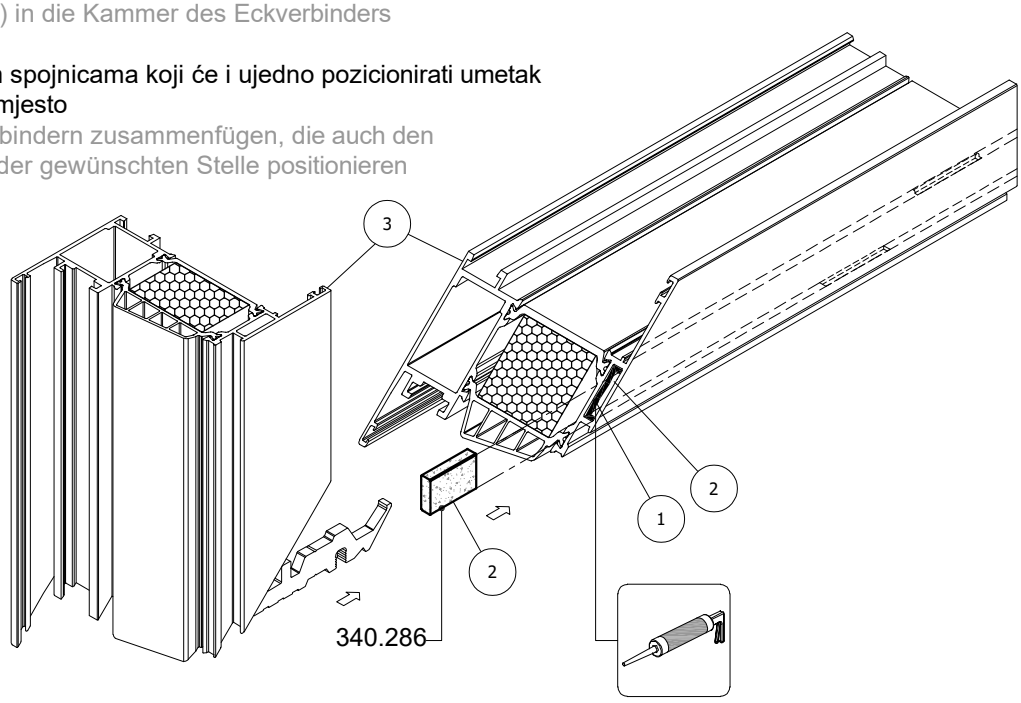
MONTAŽA XPS BARIJERE U PROFILU KRILA FT-1210 ZA ODVOD KAPLJEVINA
MONTAGE DER XPS BARRIERE IN DAS FLÜGELPROFIL FT-1210 FÜR DIE ENTWÄSSERUNG

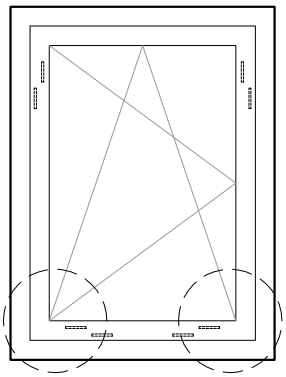


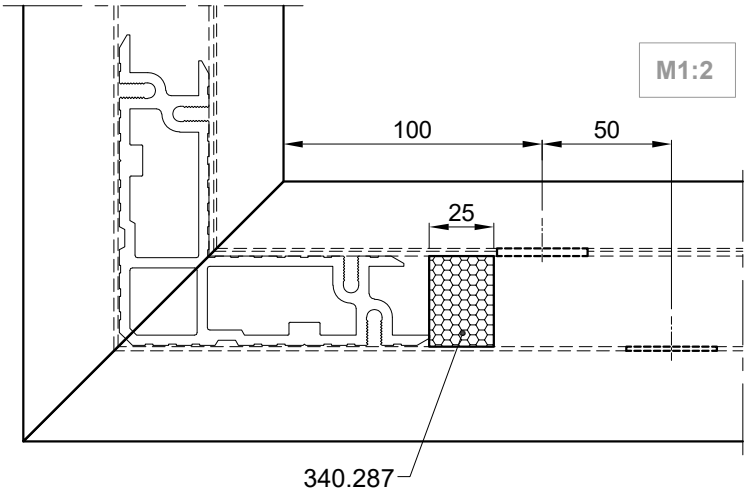



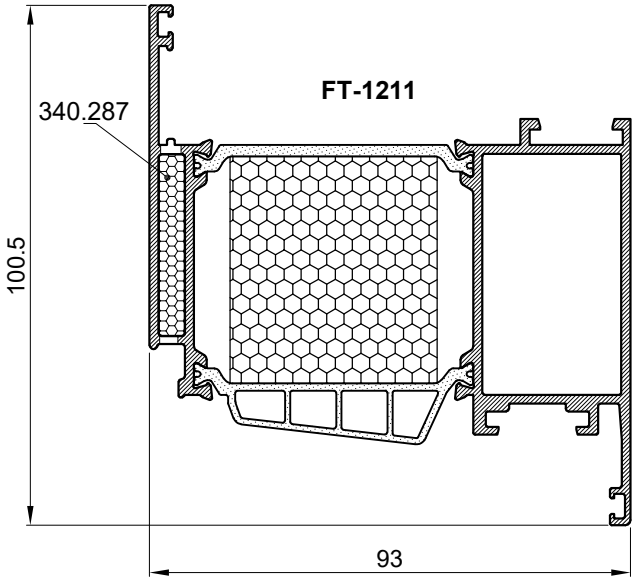

1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
   Einen neutralen Silikonkleber auf den Innenumfang der Außenkammer ohne Unterbrechung auftragen (z.B. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.286)
   Den Einsatz (340.286) in die Kammer des Eckverbinders einsetzen
3. Spojiti profile s kutnim spojnicama koji će i ujedno pozicionirati umetak (340.286) na željeno mjesto
   Die Profile mit Eckverbindern zusammenfügen, die auch den Einsatz (340.286) an der gewünschten Stelle positionieren

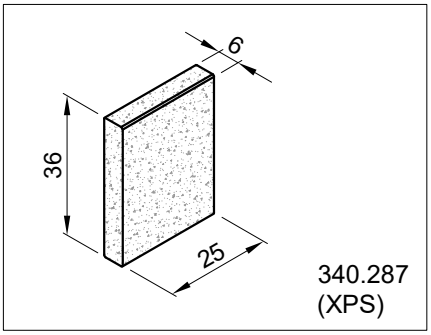




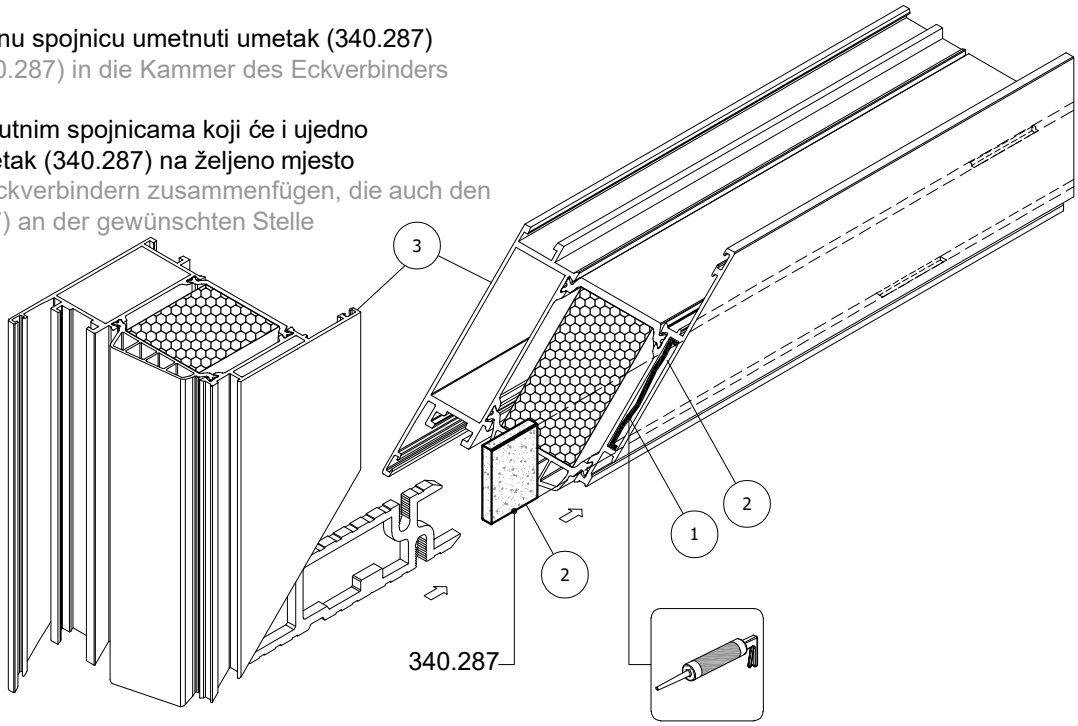
## MONTAŽA XPS BARIJERE U PROFILU KRILA FT-1211 ZA ODVOD KAPLJEVINA
MONTAGE DER XPS BARRIERE IN DAS FLÜGELPROFIL FT-1211 FÜR DIE ENTWÄSSERUNG

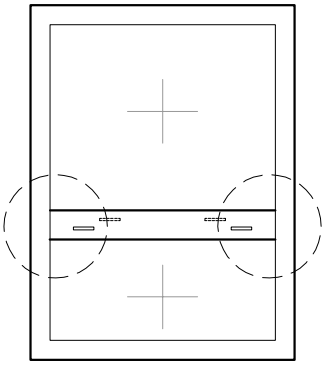


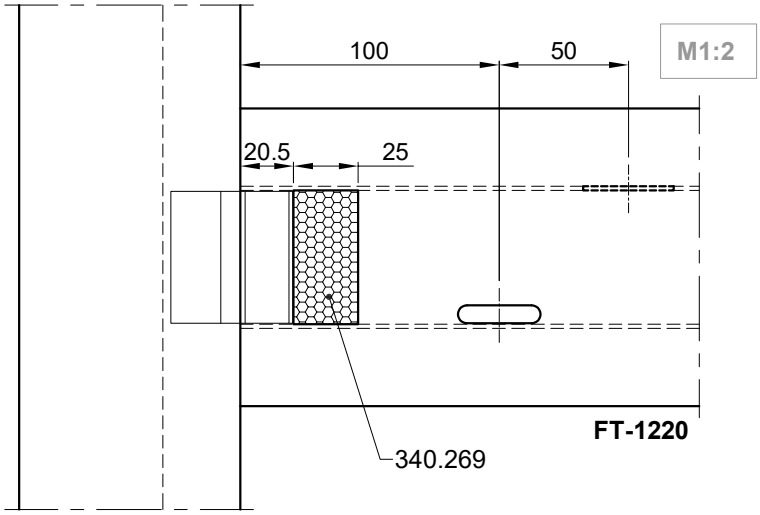



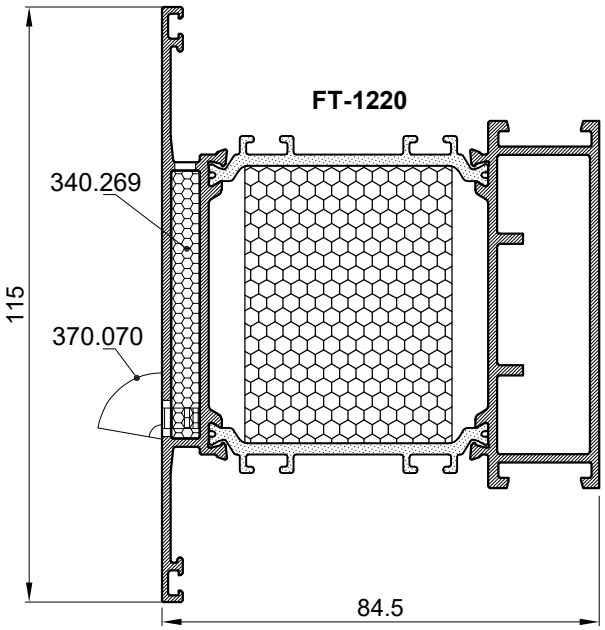

1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
   Einen neutralen Silikonkleber auf den Innenumfang der Außenkammer ohne Unterbrechung auftragen (z.B. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.287)
   Den Einsatz (340.287) in die Kammer des Eckverbinders einsetzen
3. Spojiti profile s kutnim spojnicama koji će i ujedno pozicionirati umetak (340.287) na željeno mjesto
   Die Profile mit Eckverbindern zusammenfügen, die auch den Einsatz (340.287) an der gewünschten Stelle positionieren

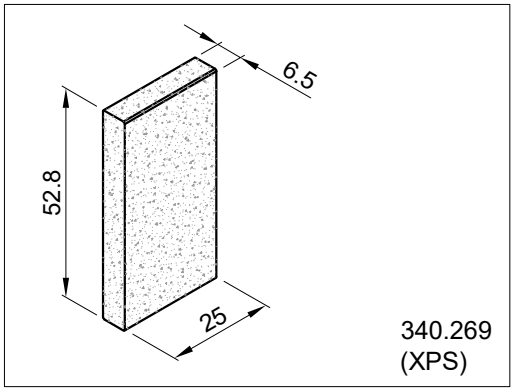




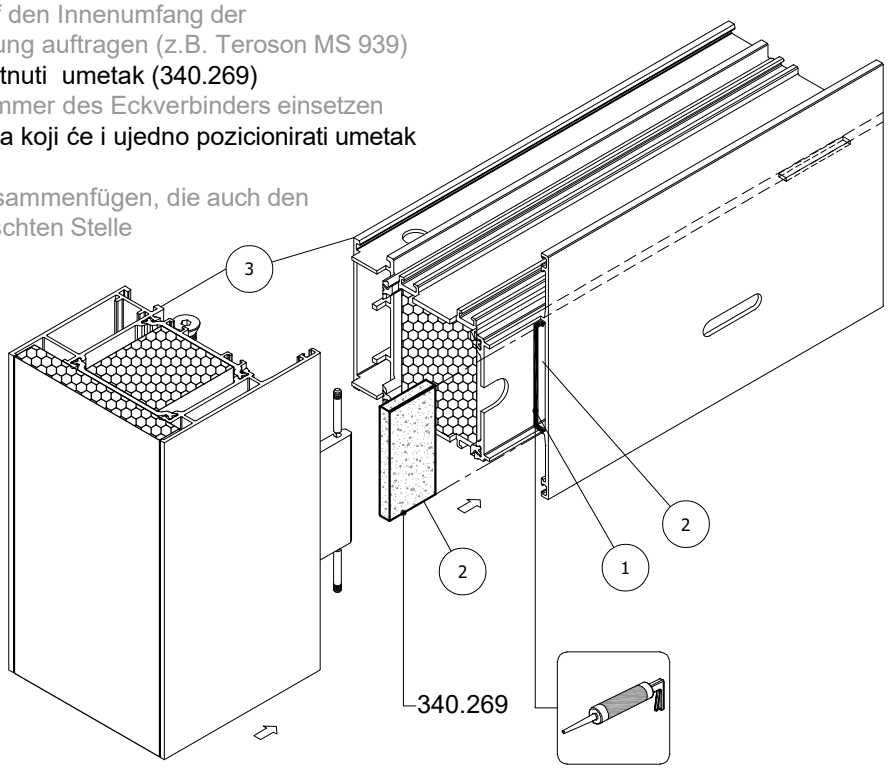
MONTAŽA XPS BARIJERE U PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA
MONTAGE DER XPS BARRIERE IN DAS PFOSTEN/RIEGELPROFIL FT-1220 FÜR DIE ENTWÄSSERUNG

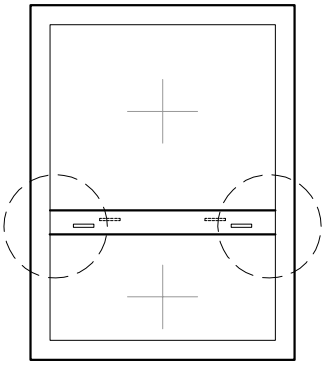


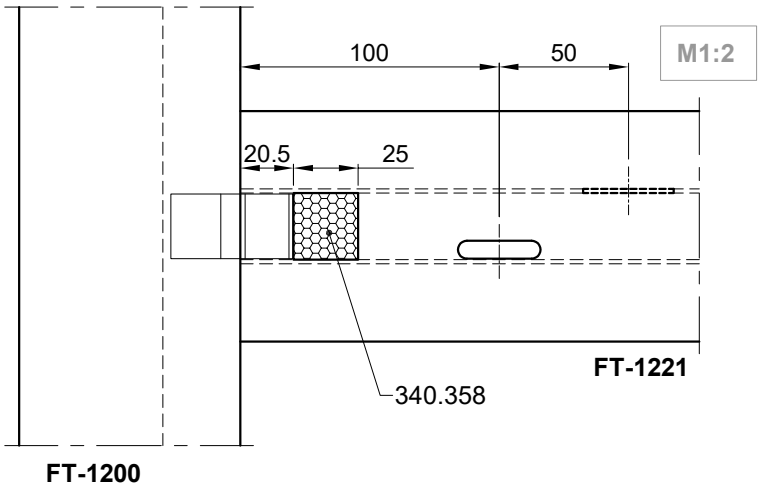



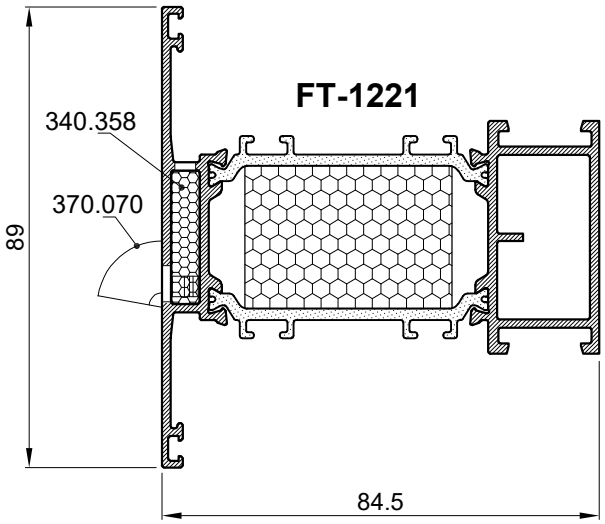

1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
   Einen neutralen Silikonkleber auf den Innenumfang der Außenkammer ohne Unterbrechung auftragen (z.B. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.269)
   Den Einsatz (340.269) in die Kammer des Eckverbinders einsetzen
3. Spojiti profile s kutnim spojnicama koji će i ujedno pozicionirati umetak (340.269) na željeno mjesto
   Die Profile mit Eckverbindern zusammenfügen, die auch den Einsatz (340.269) an der gewünschten Stelle positionieren

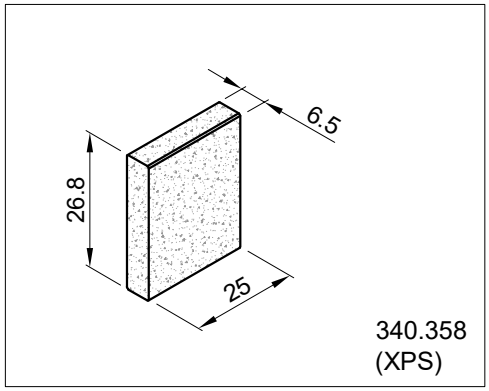




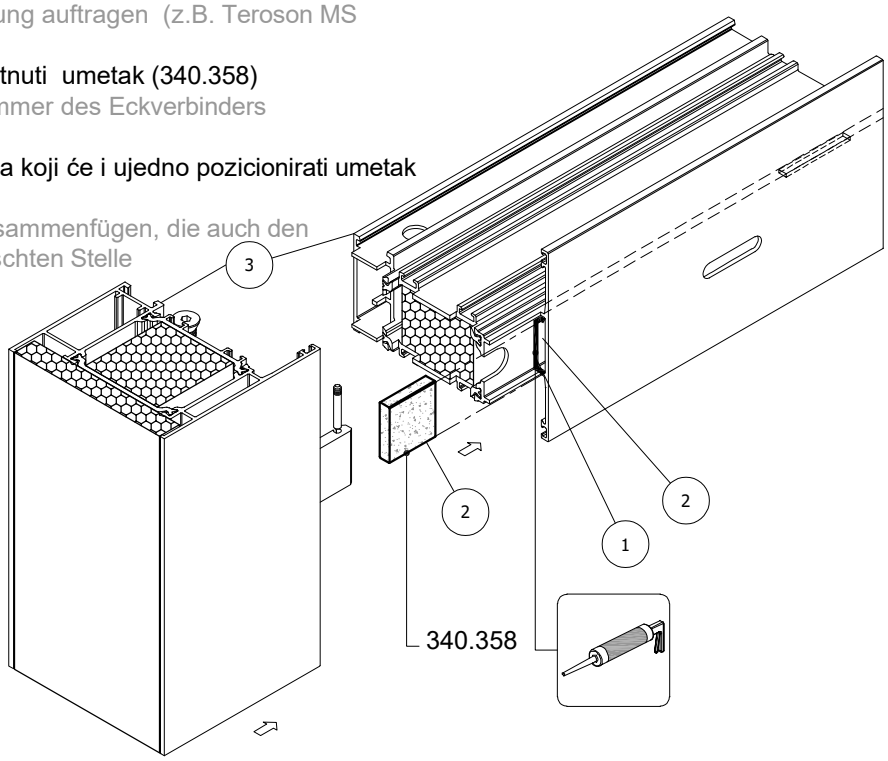
MONTAŽA XPS BARIJERE U PROFILU PREČKE FT-1221 ZA ODVOD KAPLJEVINA
MONTAGE DER XPS BARRIERE IN DAS RIEGEL/PFOSTENPROFIL FT-1221 FÜR DIE ENTWÄSSERUNG

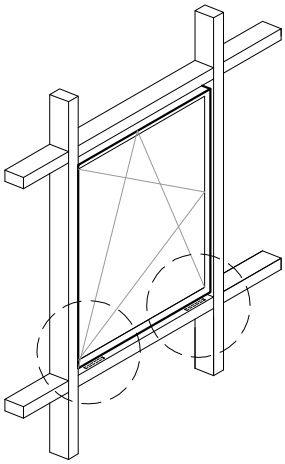


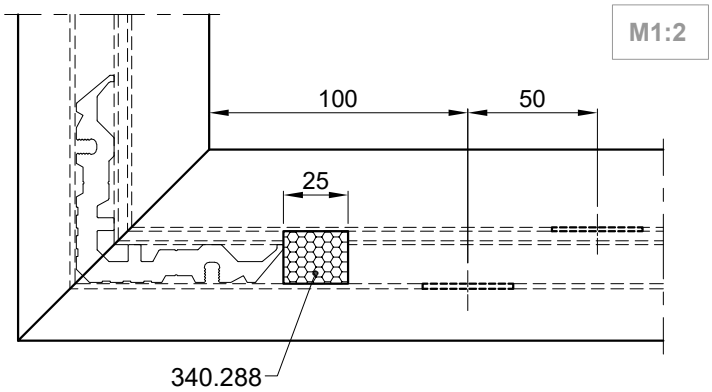



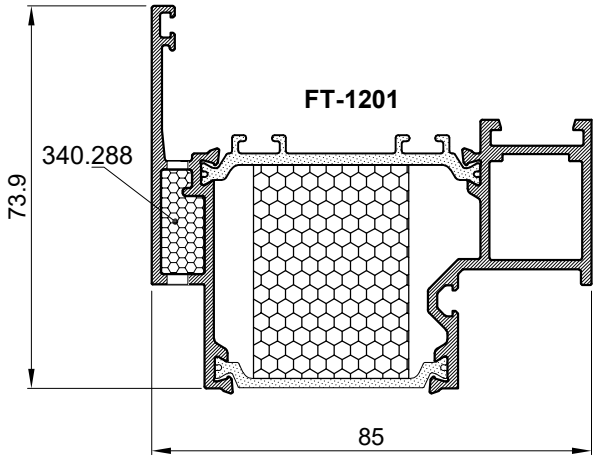

1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
   Einen neutralen Silikonkleber auf den Innenumfang der Außenkammer ohne Unterbrechung auftragen (z.B. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.358)
   Den Einsatz (340.358) in die Kammer des Eckverbinders einsetzen
3. Spojiti profile s kutnim spojnicama koji će i ujedno pozicionirati umetak (340.358) na željeno mjesto
   Die Profile mit Eckverbindern zusammenfügen, die auch den Einsatz (340.358) an der gewünschten Stelle positionieren

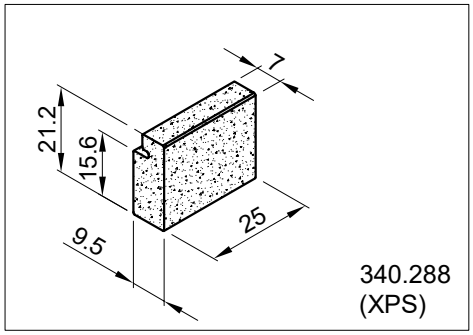




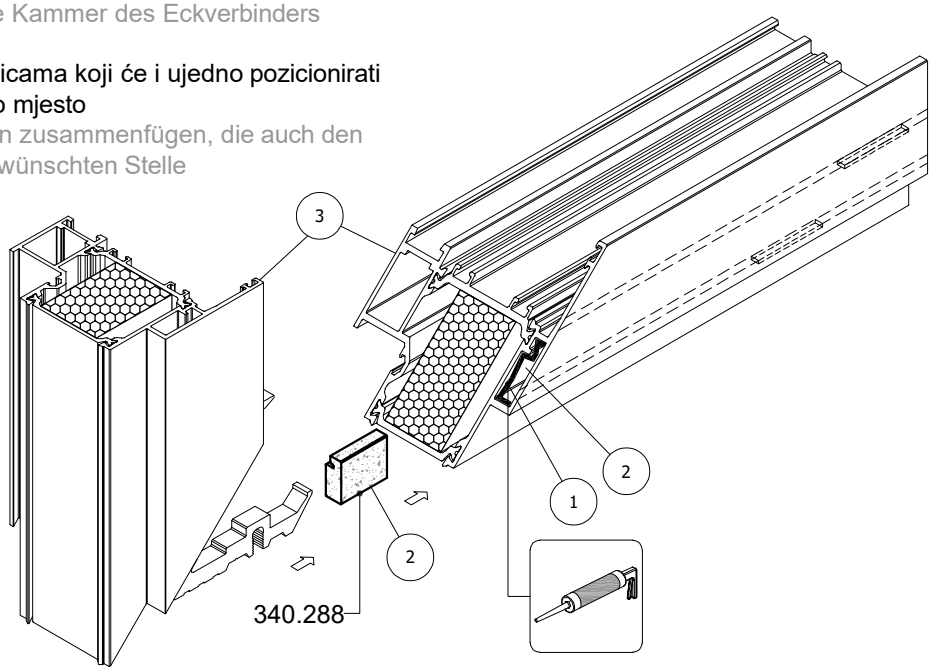
MONTAŽA XPS BARIJERE U PROFILU RAMA U FASADI FT-1201
ZA ODVOD KAPLJEVINA
MONTAGE DER XPS BARRIERE IN DAS BLENDRAHMENPROFIL FT-1201
IN DER FASSADE FÜR DIE ENTWÄSSERUNG



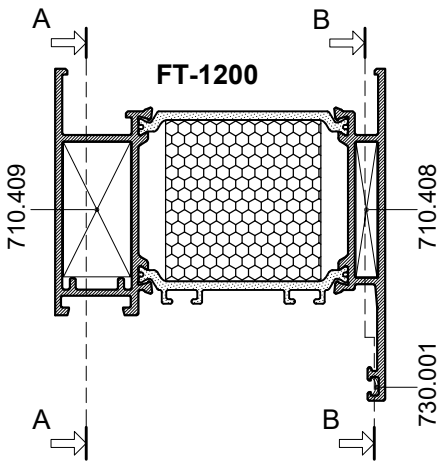



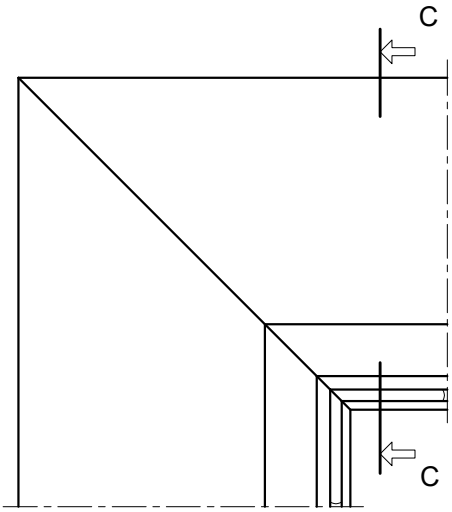

1. Po unutarnjem obodu vanjske komore bez prekida primjeniti neutralno silikonsko lijepilo (npr. Teroson MS 939)
   Einen neutralen Silikonkleber auf den Innenumfang der Außenkammer ohne Unterbrechung auftragen (z.B. Teroson MS 939)
2. U komoru za kutnu spojnicu umetnuti umetak (340.288)
   Den Einsatz (340.288) in die Kammer des Eckverbinders einsetzen
3. Spojiti profile s kutnim spojnicama koji će i ujedno pozicionirati umetak (340.288) na željeno mjesto
   Die Profile mit Eckverbindern zusammenfügen, die auch den Einsatz (340.288) an der gewünschten Stelle positionieren

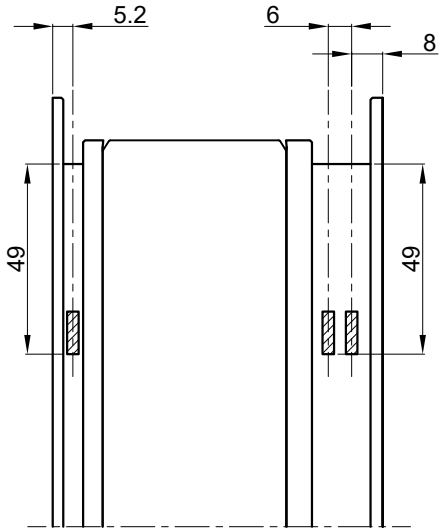


- UPREŠAVANJE STIJENKE PROFILA U KUTNU SPOJNICU
- STANZEN DER PROFILWAND IM ECKVERBINDER

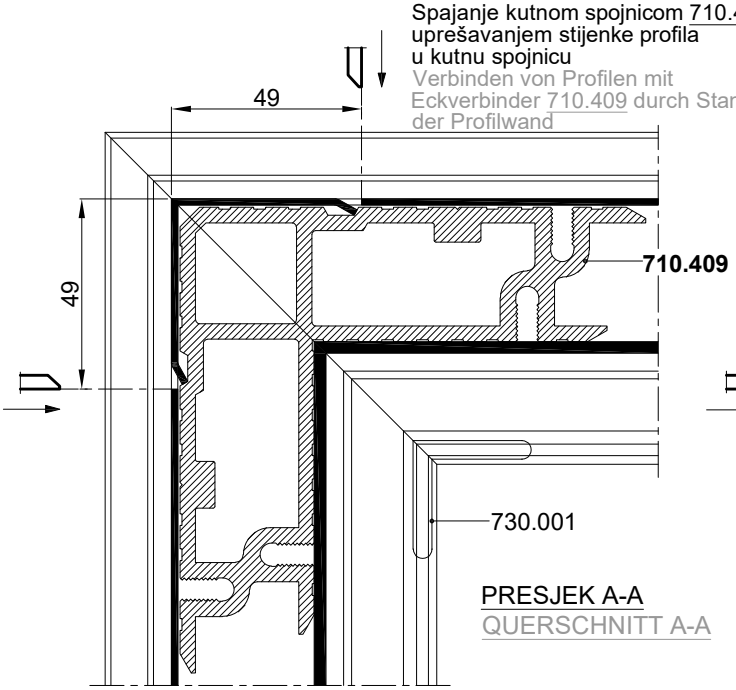
PRESJEK C-C
QUERSCHNITT C-C



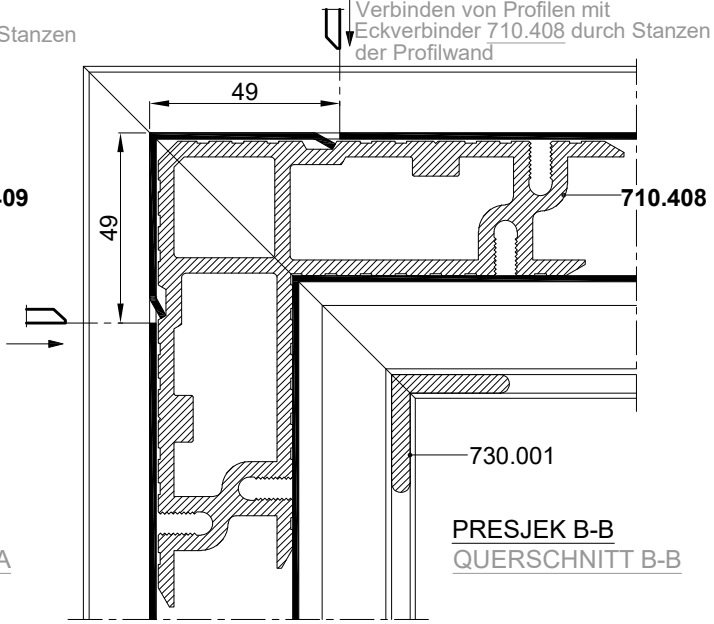




Spajanje kutnom spojnicom 710.409
uprešavanjem stijenke profila
u kutnu spojnicu
Verbinden von Profilen mit
Eckverbinder 710.409 durch Stanzen
der Profilwand

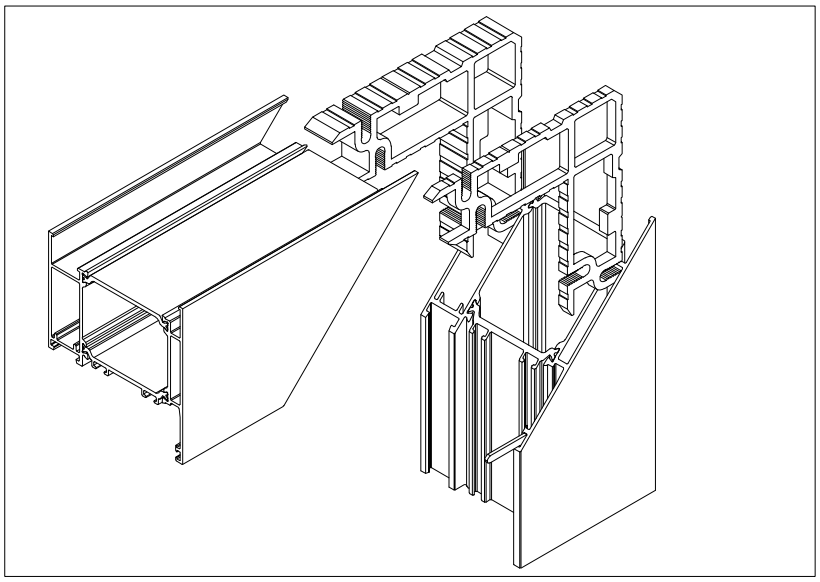



PRESJEK A-A
QUERSCHNITT A-A

Spajanje kutnom spojnicom 710.408
uprešavanjem stijenke profila
u kutnu spojnicu
Verbinden von Profilen mit
Eckverbinder 710.408 durch Stanzen
der Profilwand



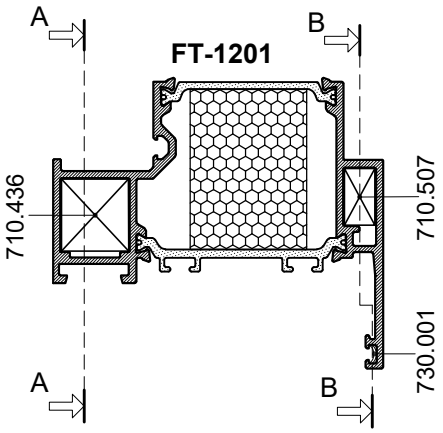

PRESJEK B-B
QUERSCHNITT B-B

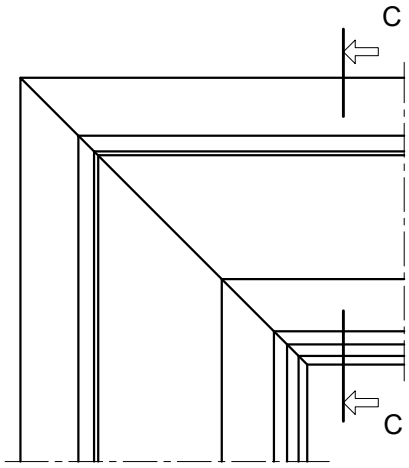


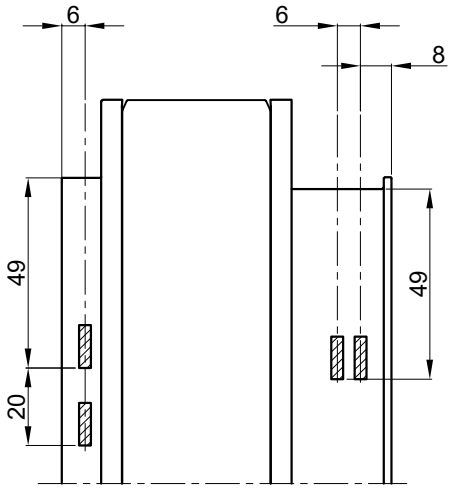
1. RUČNO UPREŠAVANJE
1. MANUELLES STANZEN

- UPREŠAVANJE STIJENKE PROFILA U KUTNU SPOJNICU
- STANZEN DER PROFILWAND IM ECKVERBINDER

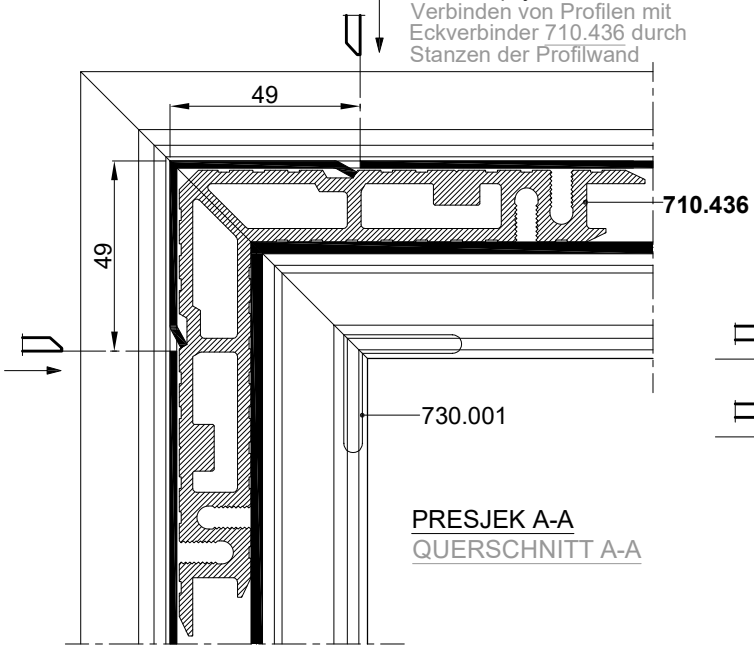
PRESJEK C-C
QUERSCHNITT C-C



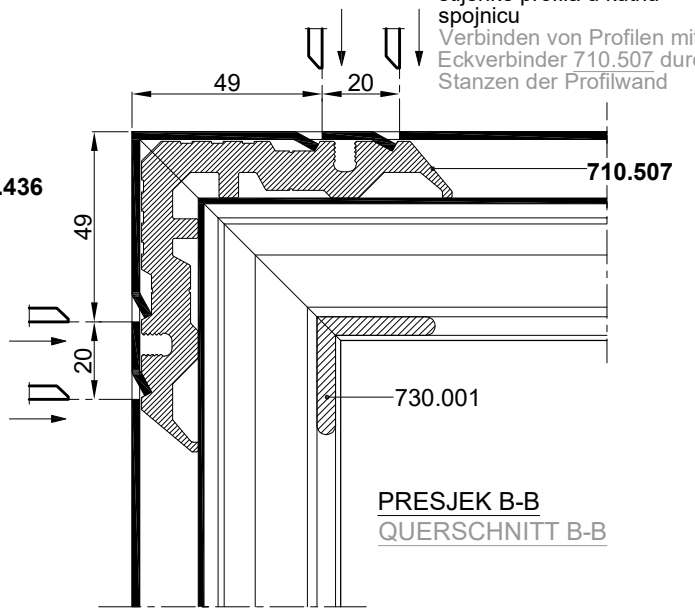




Spajanje kutnom spojnicom 710.436 upreŠavanjem stijenke profila u kutnu spojnicu
Verbinden von Profilen mit Eckverbinder 710.436 durch Stanzen der Profilwand

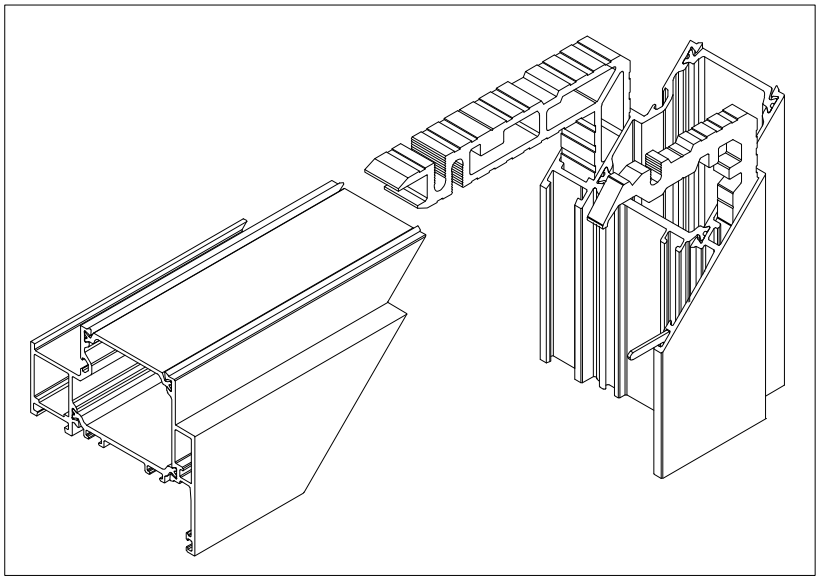



PRESJEK A-A
QUERSCHNITT A-A

Spajanje kutnom spojnicom 710.507 upreŠavanjem stijenke profila u kutnu spojnicu
Verbinden von Profilen mit Eckverbinder 710.507 durch Stanzen der Profilwand



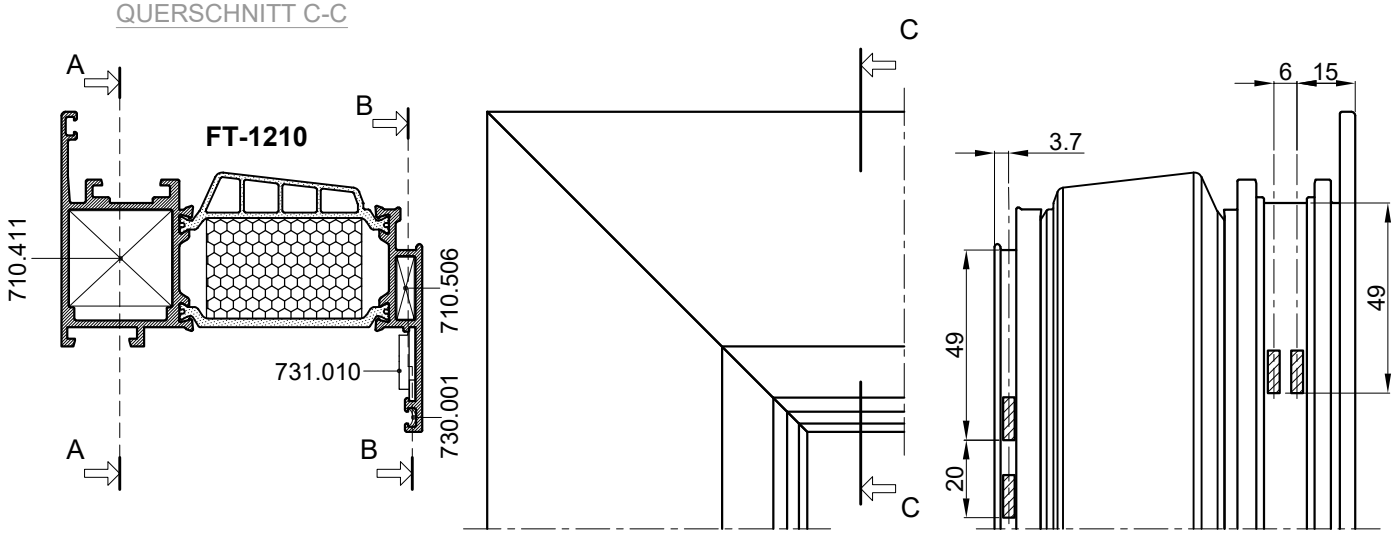

PRESJEK B-B
QUERSCHNITT B-B



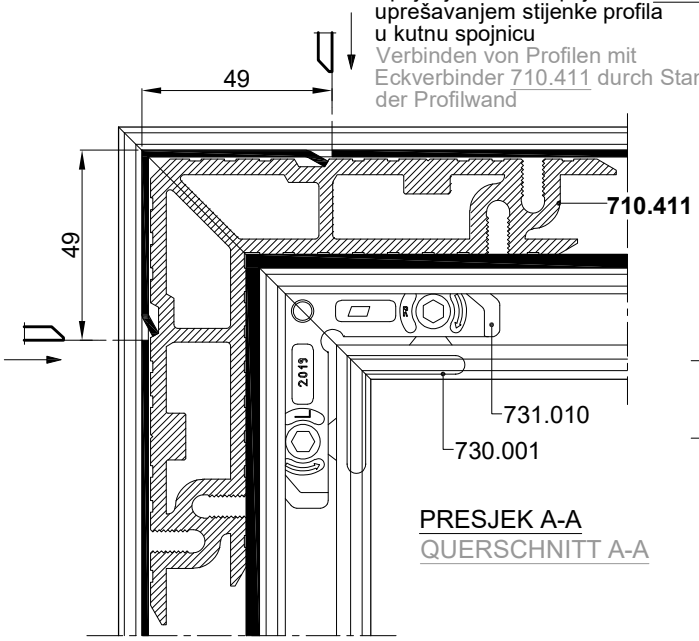
1. RUČNO UPREŠAVANJE
1. MANUELLES STANZEN

- UPREŠAVANJE STIJENKE PROFILA U KUTNU SPOJNICU
- STANZEN DER PROFILWAND IM ECKVERBINDER

PRESJEK C-C
QUERSCHNITT C-C

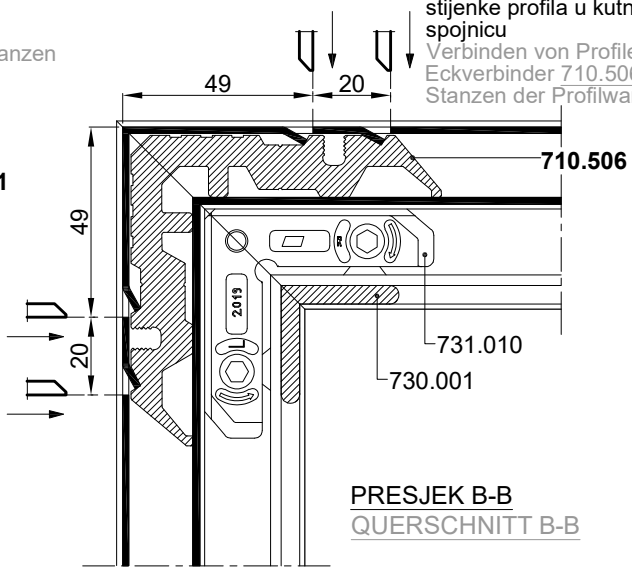



Spajanje kutnom spojnicom 710.411 uprešavanjem stijenke profila u kutnu spojnicu
Verbinden von Profilen mit Eckverbinder 710.411 durch Stanzen der Profilwand

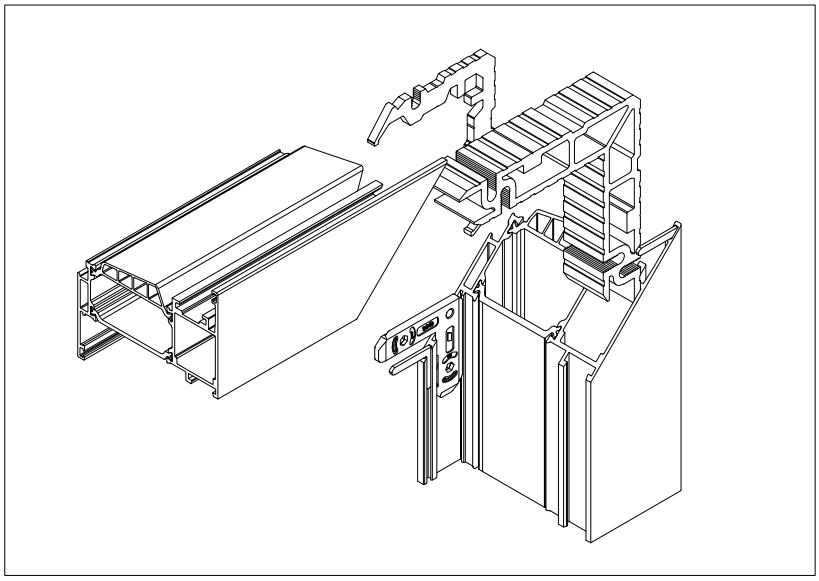



PRESJEK A-A
QUERSCHNITT A-A

Spajanje kutnom spojnicom 710.506 uprešavanjem stijenke profila u kutnu spojnicu
Verbinden von Profilen mit Eckverbinder 710.506 durch Stanzen der Profilwand



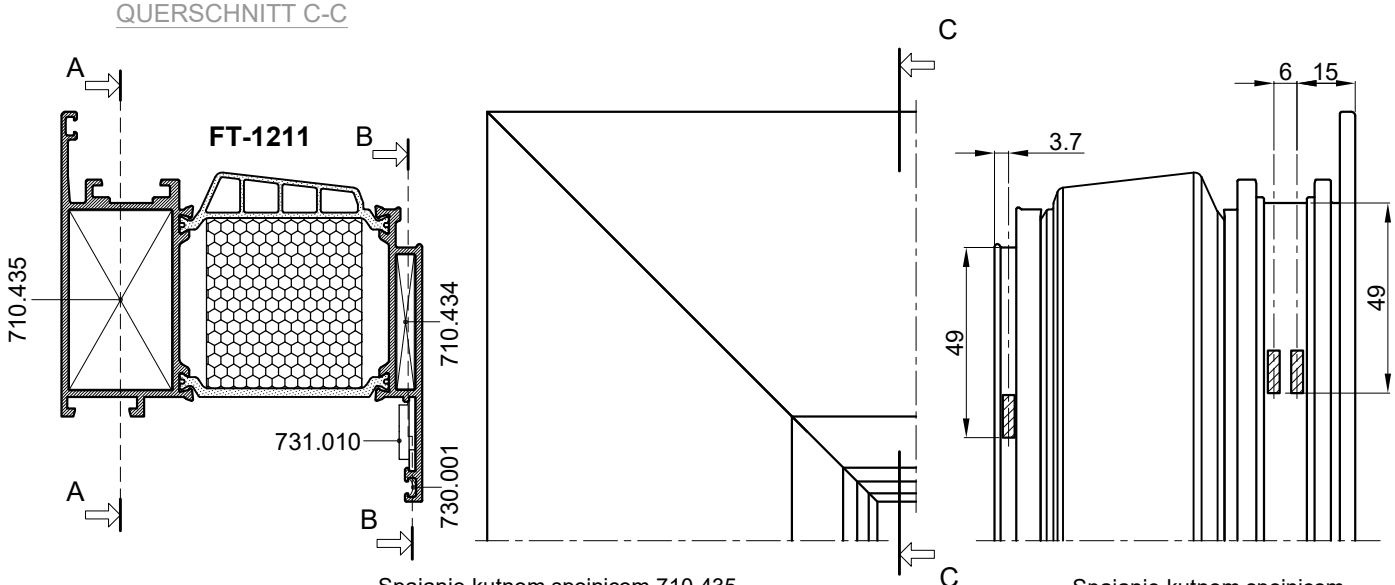

PRESJEK B-B
QUERSCHNITT B-B



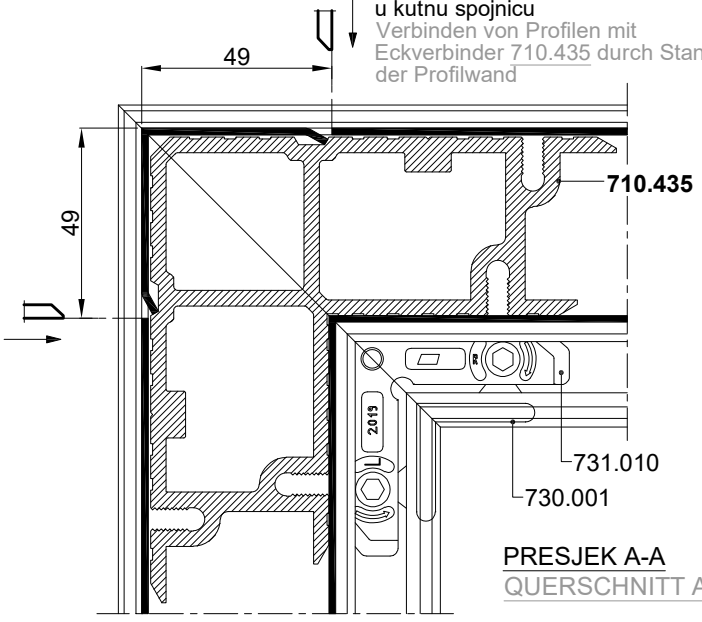
1. RUČNO UPREŠAVANJE
1. MANUELLES STANZEN

- UPREŠAVANJE STIJENKE PROFILA U KUTNU SPOJNICU
- STANZEN DER PROFILWAND IM ECKVERBINDER

PRESJEK C-C
QUERSCHNITT C-C

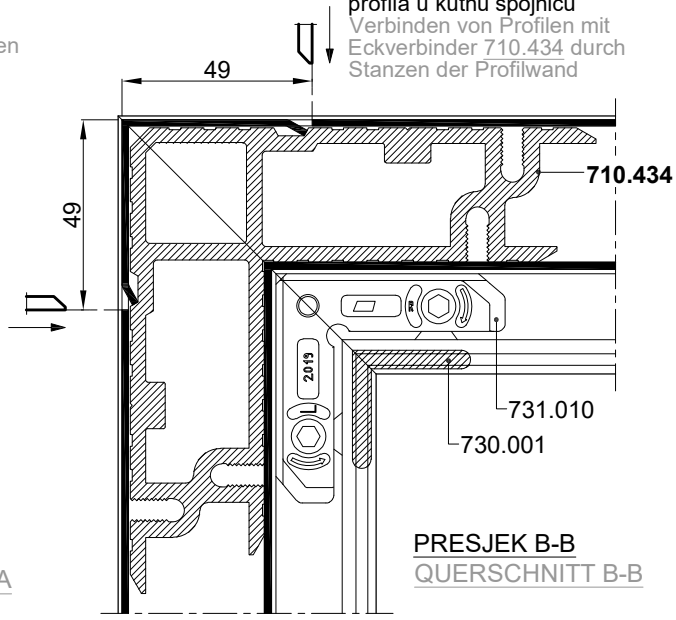



Spajanje kutnom spojnicom 710.435 uprešavanjem stijenke profila u kutnu spojnicu
Verbinden von Profilen mit Eckverbinder 710.435 durch Stanzen der Profilwand

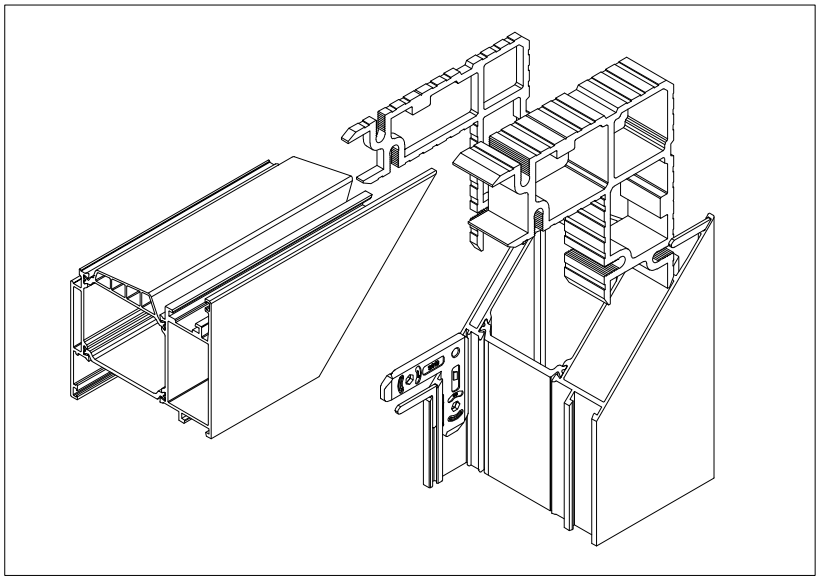



PRESJEK A-A
QUERSCHNITT A-A

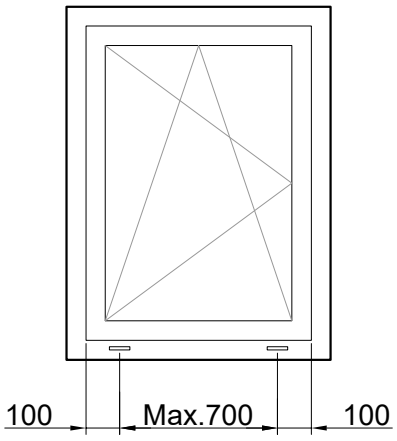
Spajanje kutnom spojnicom 710.434 uprešavanjem stijenke profila u kutnu spojnicu
Verbinden von Profilen mit Eckverbinder 710.434 durch Stanzen der Profilwand




PRESJEK B-B
QUERSCHNITT B-B



1. RUČNO UPREŠAVANJE
1. MANUELLES STANZEN

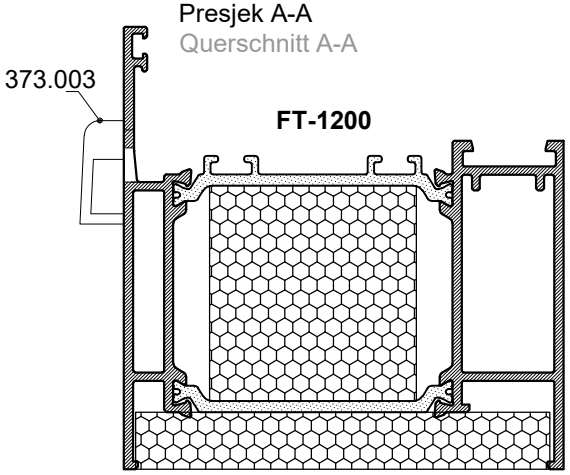


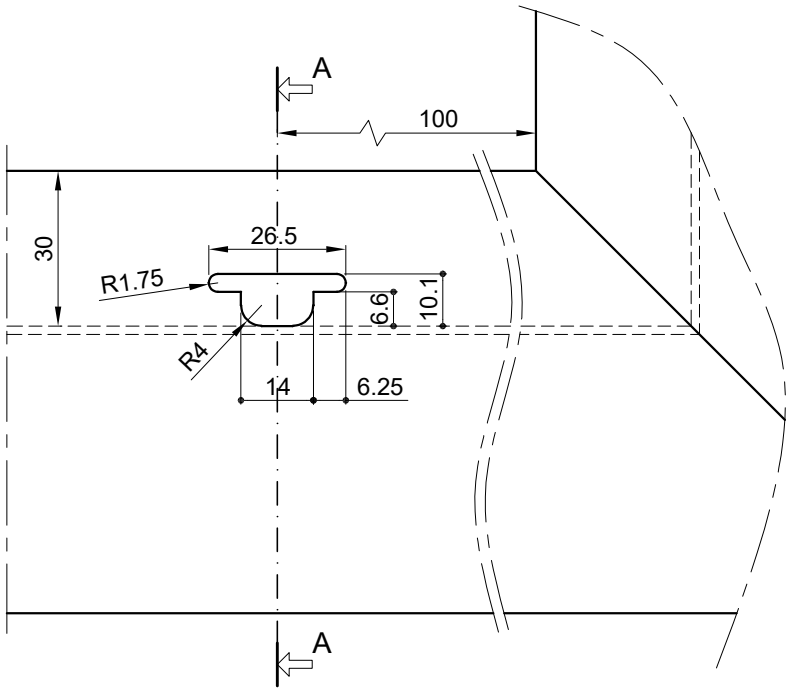

OBRADA NA PROFILU RAMA FT-1200 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM BLENDRAHMENPROFIL FT-1200 FÜR DIE ENTWÄSSERUNG

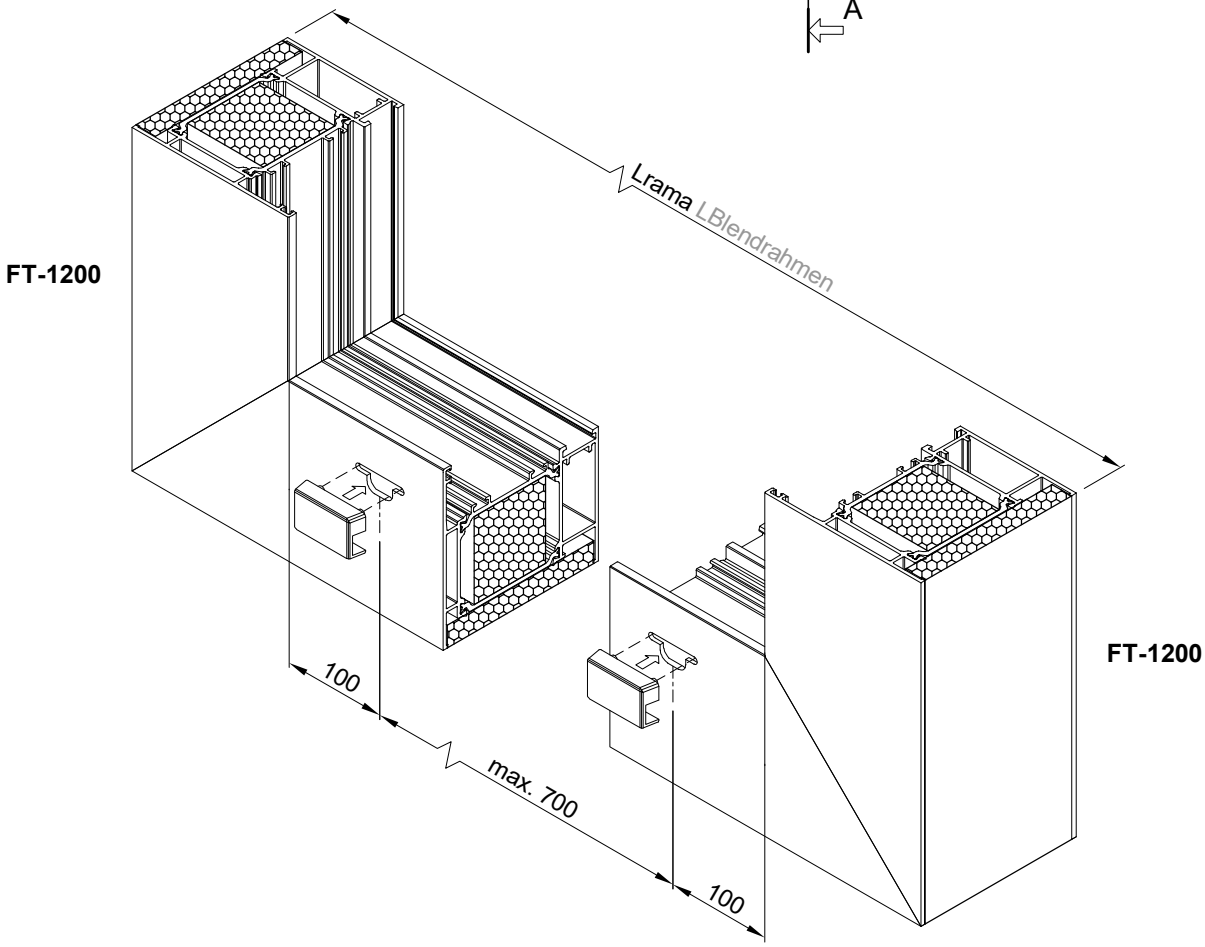
- obrada donjeg pojasa rama /štancanjem/
  Alat: Štanca S1
- 373.003- pvc maska za drenažni otvor

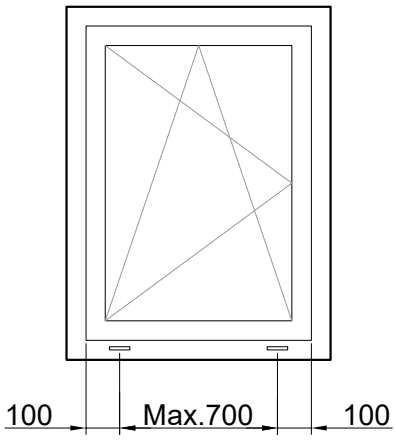
- Bearbeitung der unteren Blendrahmenzone /durch Stanzen/
  Werkzeug: Stanzwerkzeug S1
- 373.003- Kunstoff-Entwässerungskappe

Presjek A-A
Querschnitt A-A



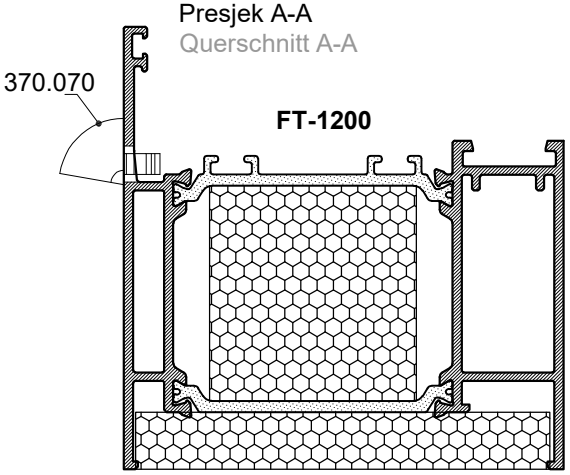


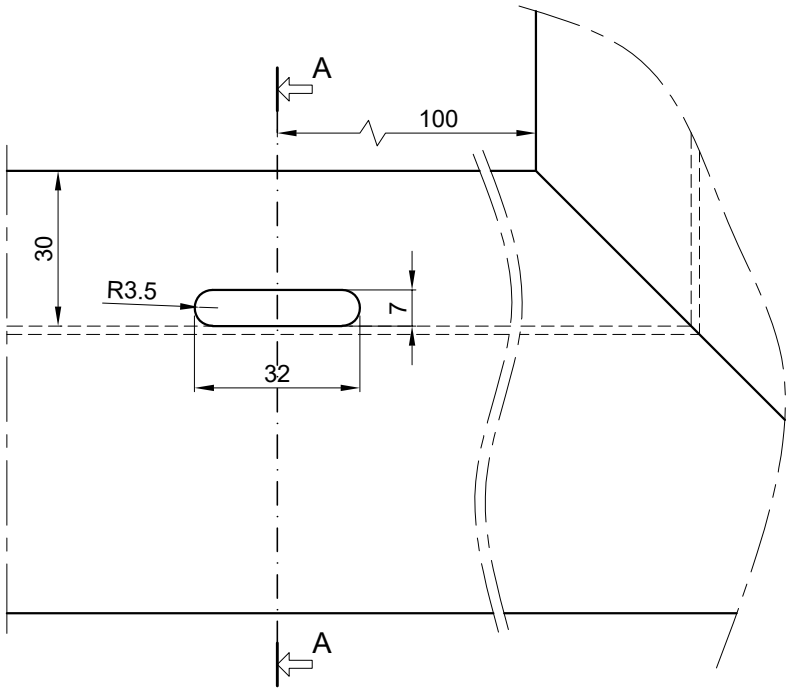

OBRADA NA PROFILU RAMA FT-1200 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM BLENDRAHMENPROFIL FT-1200 FÜR DIE ENTWÄSSERUNG

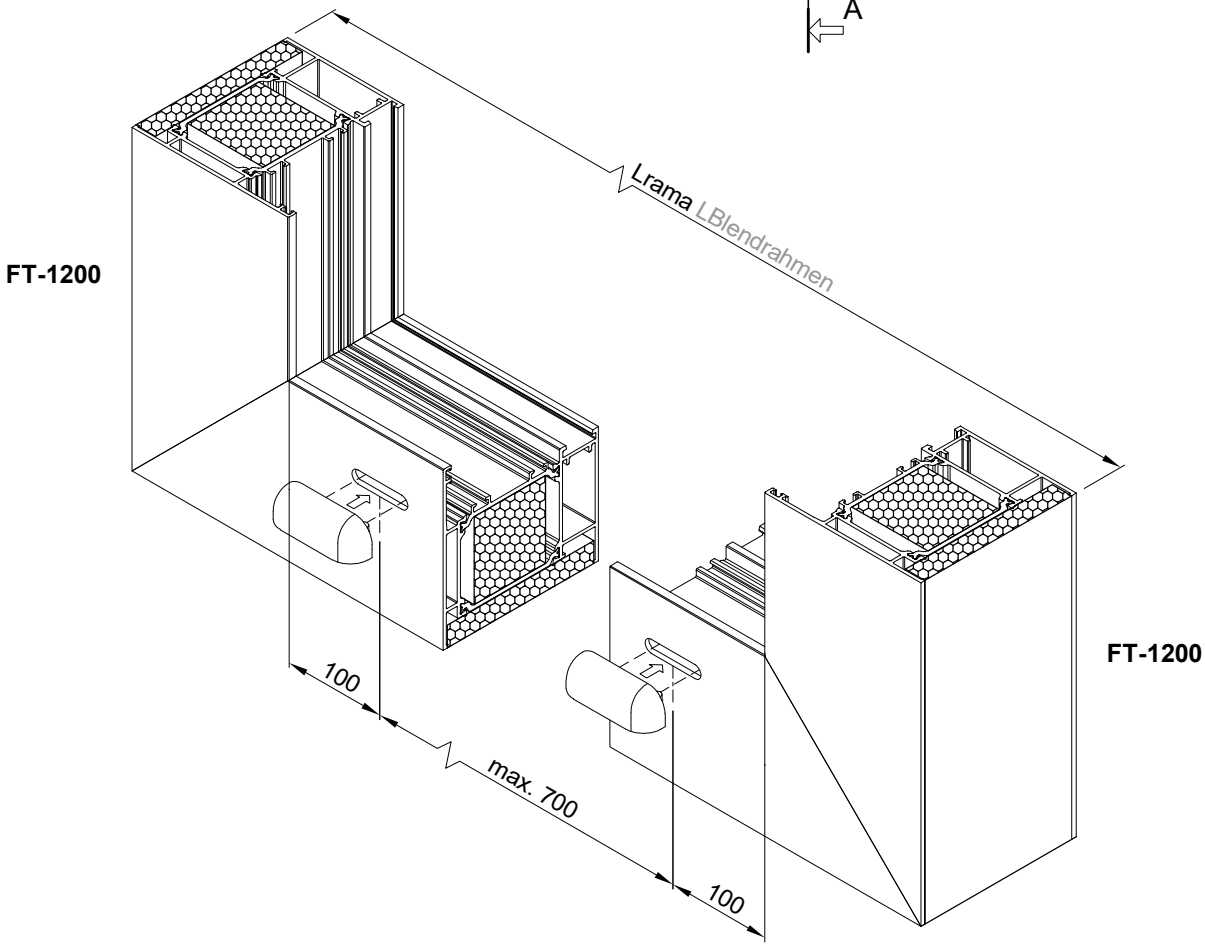
- obrada donjeg pojasa rama /glodanjem/
  Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor

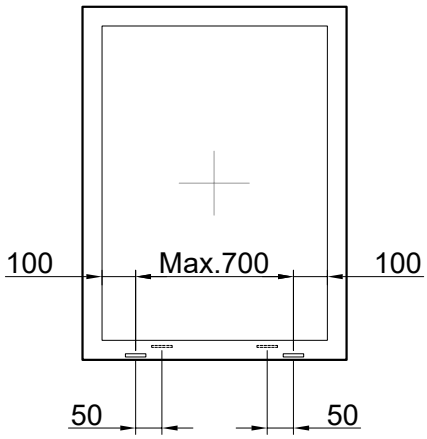
- Bearbeitung der unteren Blendrahmenzone /durch Fräsen/
  Werkzeug: Schaftfräser Ø7
- 370.070- Kunstoff Entwässerungskappe

Presjek A-A
Querschnitt A-A



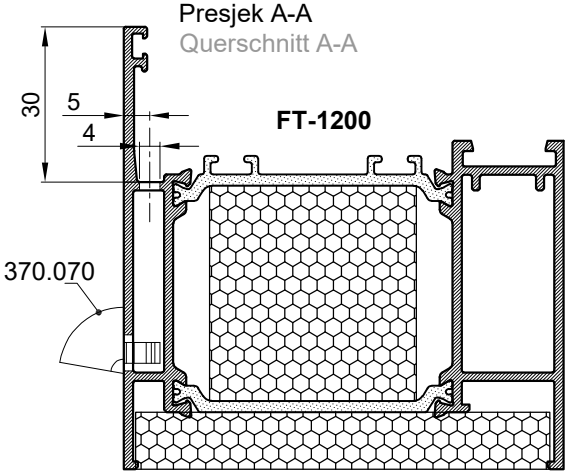


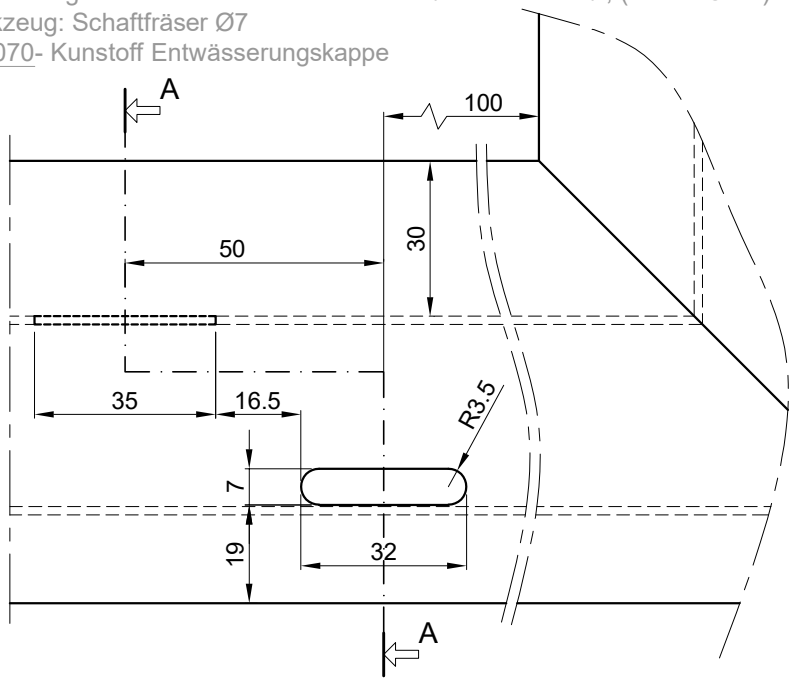

OBRADA NA PROFILU RAMA FT-1200 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM BLENDRAHMENPROFIL FT-1200 FÜR DIE ENTWÄSSERUNG

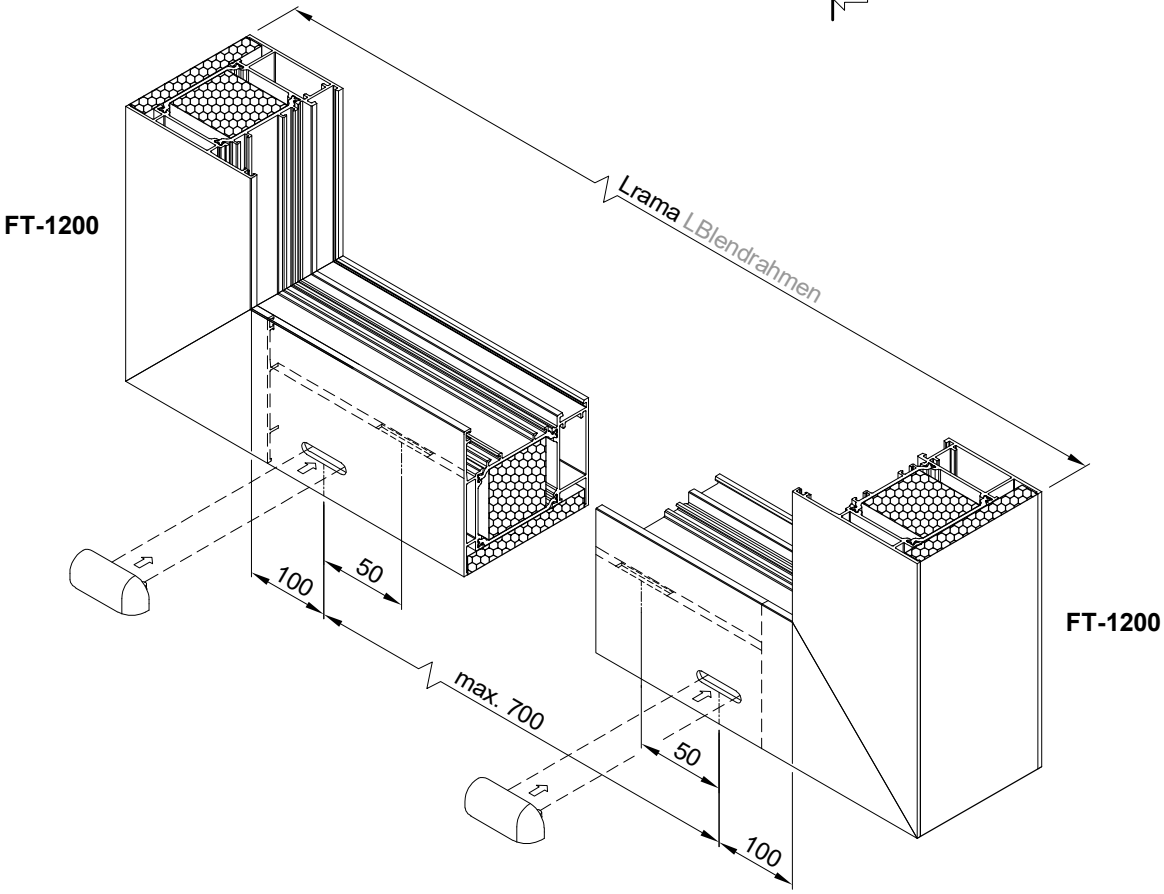
- obrada donjeg pojasa rama /glodanjem/ ; (žlijeb: 35x4)
  Alat: vretenasto glodalo Ø4
- obrada donjeg pojasa rama /glodanjem/ ; (žlijeb: 32x7)
  Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor

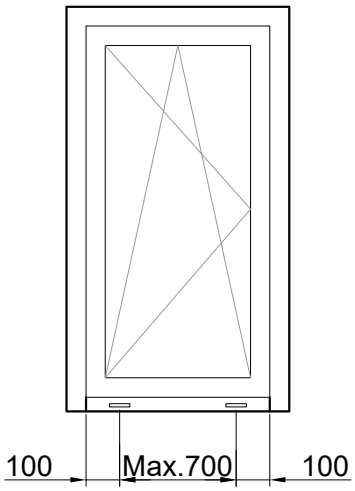
- Bearbeitung der unteren Blendrahmenzone /durch Fräsen/ ; (Rinne:35x4)
  Werkzeug: Schaftfräser Ø4
- Bearbeitung der unteren Blendrahmenzone /durch Fräsen/ ; (Rinne: 32x7)
  Werkzeug: Schaftfräser Ø7
- 370.070- Kunstoff Entwässerungskappe

Presjek A-A
Querschnitt A-A



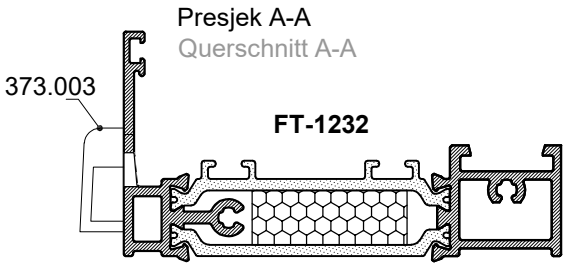



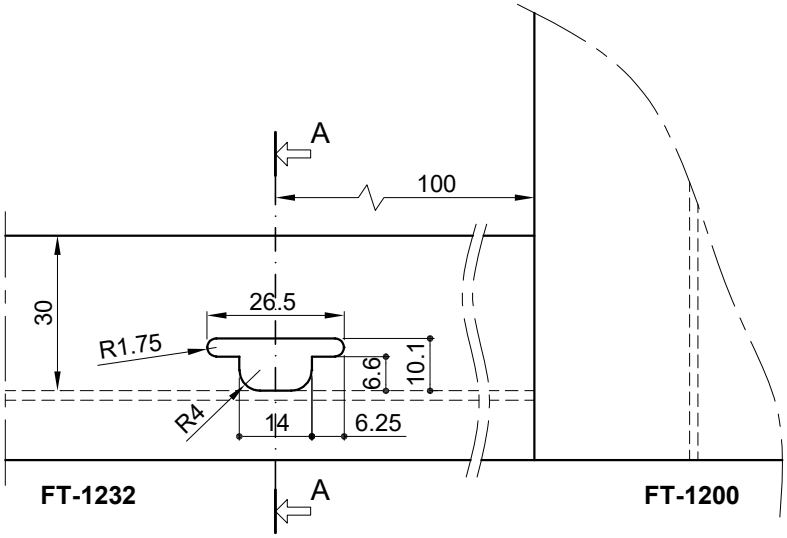


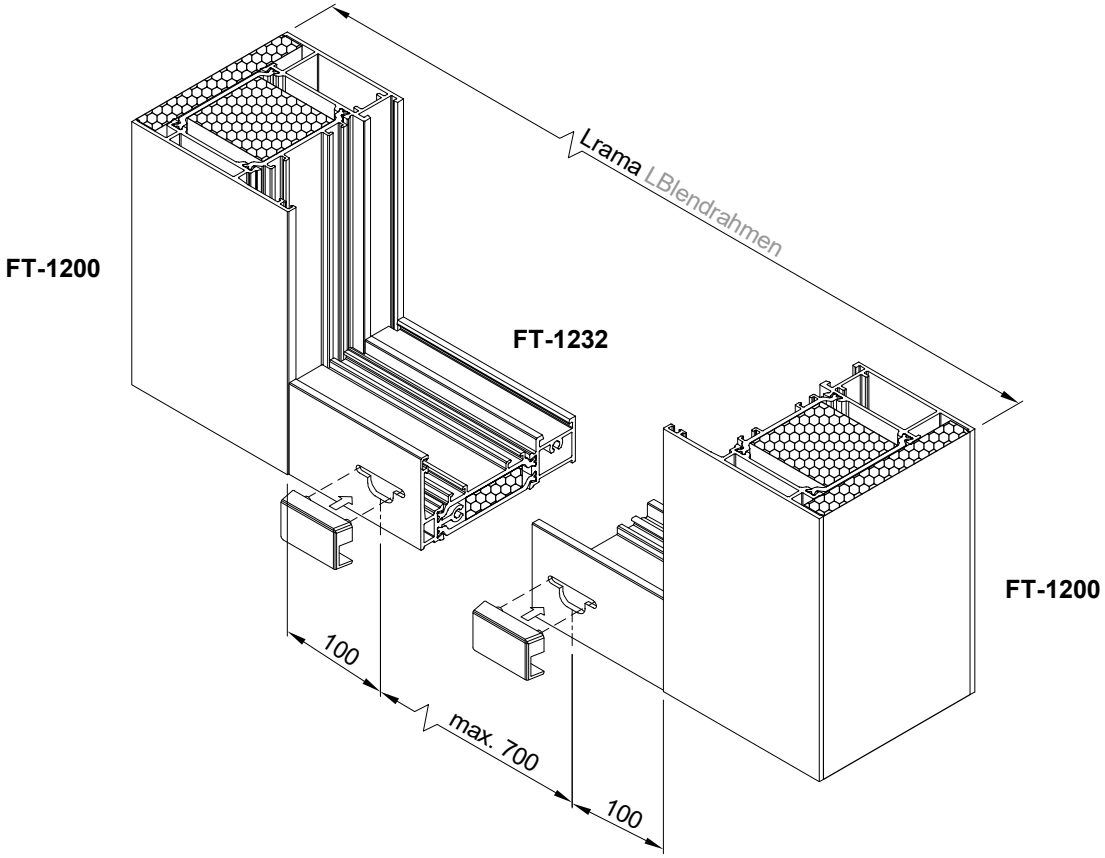

OBRADA NA PROFILU PRAGA FT-1232 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM SCHWELLENPROFIL FT-1232 FÜR DIE ENTWÄSSERUNG

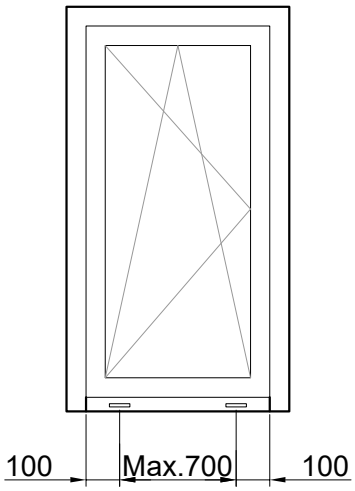
- obrada na profilu praga /štancanjem/
  Alat: Štanca S1
- 373.003- pvc maska za drenažni otvor

- Bearbeitung auf dem Schwellenprofil /durch Stanzen/
  Werkzeug: Stanzwerkzeug S1
- 373.003- Kunstoff Entwässerungskappe



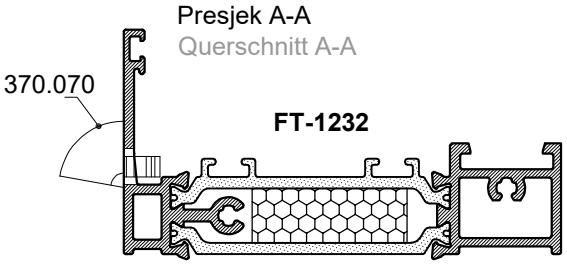



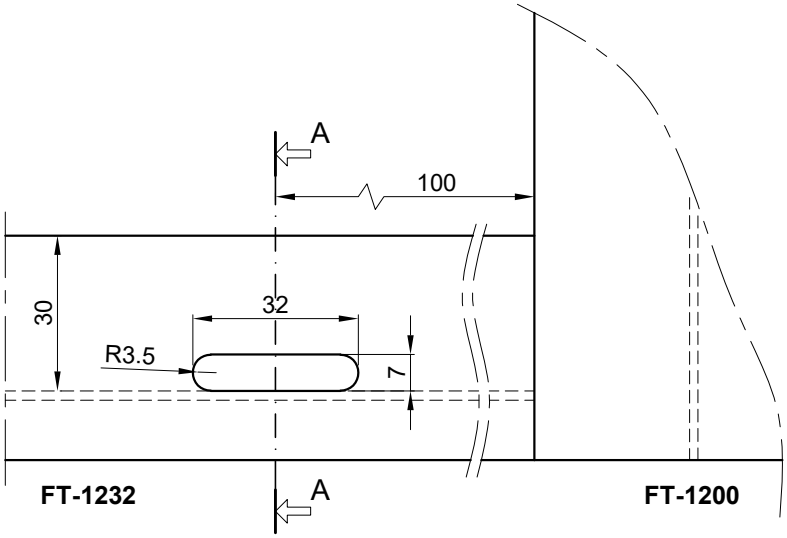


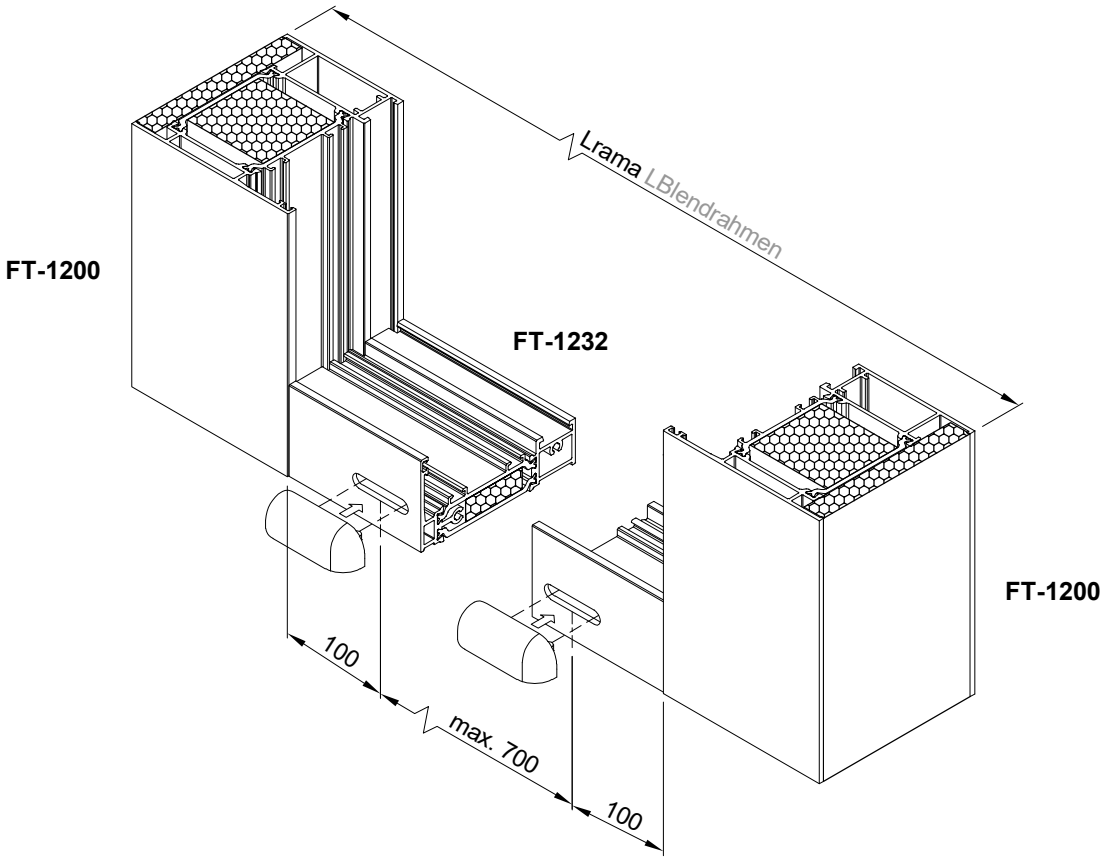

OBRADA NA PROFILU PRAGA FT-1232 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM SCHWELLENPROFIL FT-1232 FÜR DIE ENTWÄSSERUNG

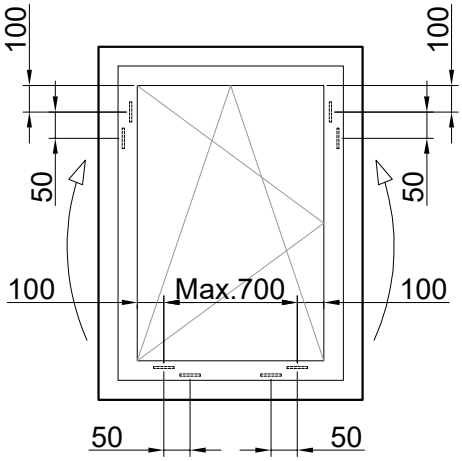
- obrada na profilu praga /glodanjem/
  Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor

- Bearbeitung auf dem Schwellenprofil /durch Fräsen/
  Werkzeug: Schaftfräser Ø7
- 370.070- Kunstoff Entwässerungskappe





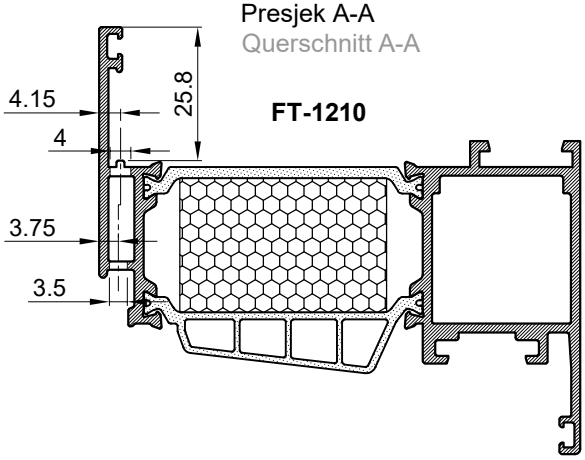

OBRADA NA PROFILU KRILA FT-1210 ZA ODVOD KAPLJEVINA I VENTILIRANJA KOMORA KRILA PROZORA

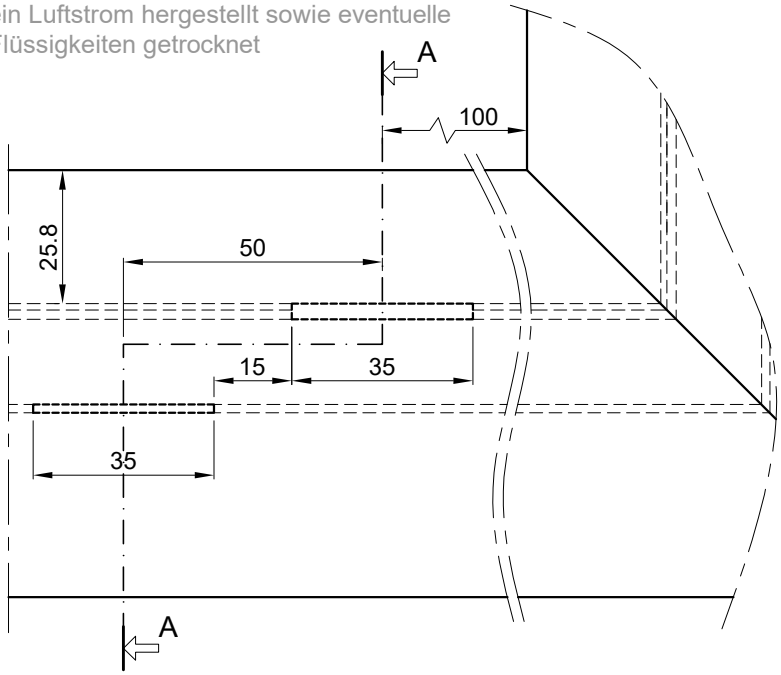
BEARBEITUNG AUF DEM FLÜGELPROFIL FT-1210 FÜR DIE ENTWÄSSERUNG UND BELÜFTUNG DER FLÜGELKAMMERN

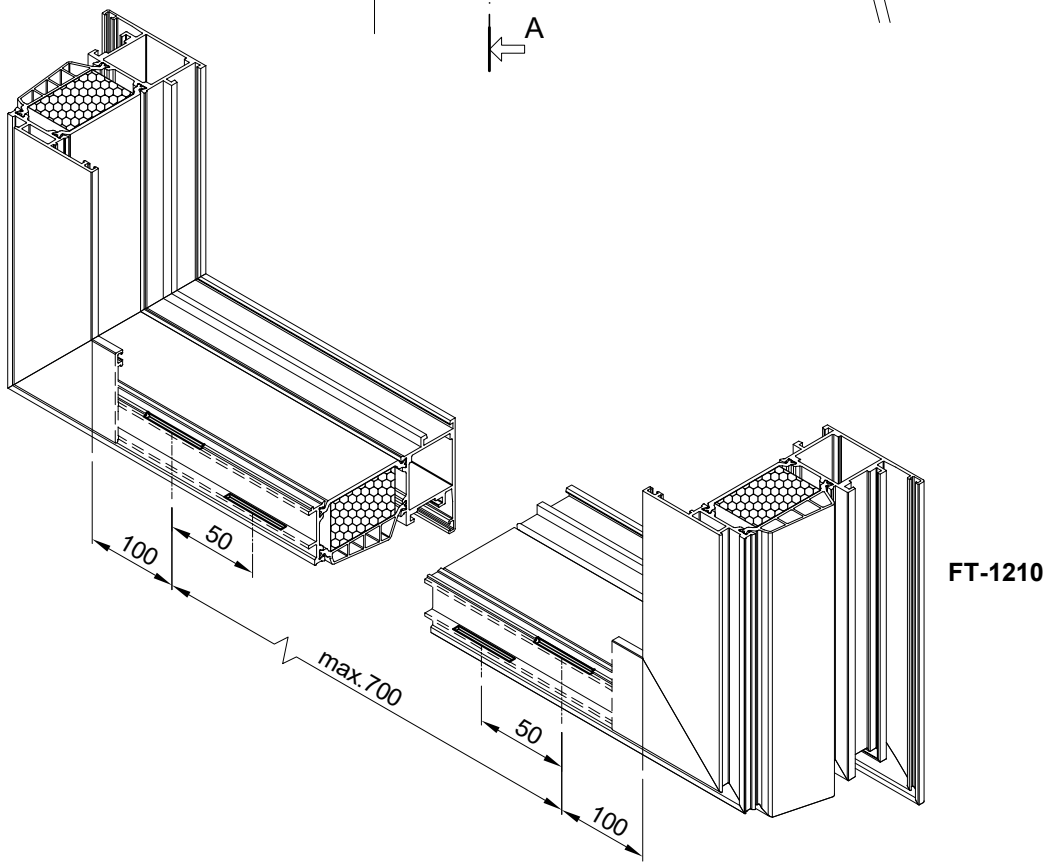
- obrada donjeg pojasa krila /štancanjem/
- obrada okomitih pojasa krila /štancanjem/
  Alat: Štanca S10
- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja mogućih kapljevina

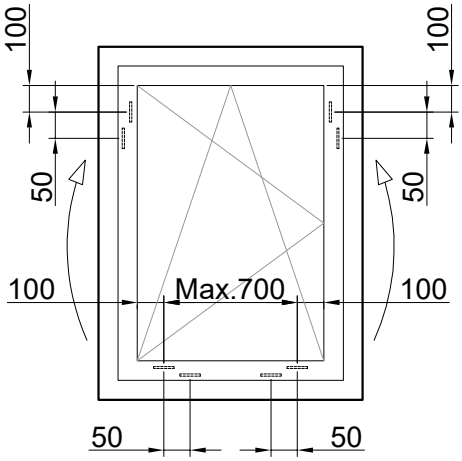
- Bearbeitung der unteren Flügelzone /durch Stanzen/
- Bearbeitung der senkrechten Flügelzonen /durch Stanzen/
  Werkzeug: Stanzwerkzeug S10
- Aufgrund von durchbohrten Löchern, wird Innerhalb des Fensters ein Luftstrom hergestellt sowie eventuelle Flüssigkeiten getrocknet

Presjek A-A
Querschnitt A-A






OBRADA NA PROFILU KRILA FT-1211 ZA ODVOD KAPLJEVINA I VENTILIRANJA KOMORA KRILA PROZORA

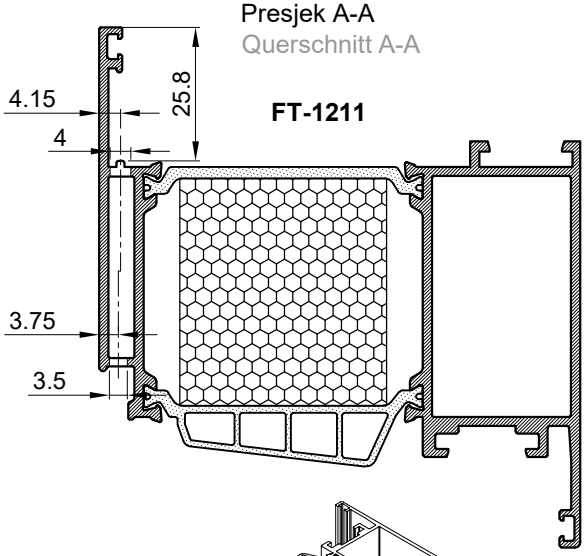
BEARBEITUNG AUF DEM FLÜGELPROFIL FT-1211 FÜR DIE ENTWÄSSERUNG UND BELÜFTUNG DER FLÜGELKAMMERN

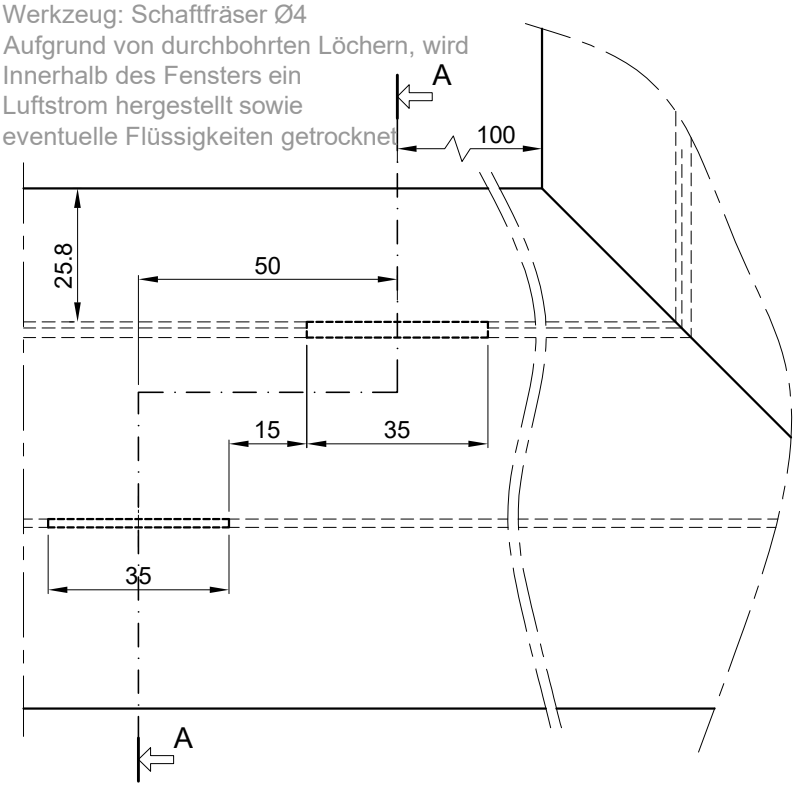
- obrada donjeg pojasa krila /glodanjem/
- obrada okomitih pojasa krila /glodanjem/
  Alat: vretenasto glodalo Ø4
- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja mogućih kapljevina

- Bearbeitung der unteren Flügelzone /durch Fräsen/
- Bearbeitung der senkrechten Flügelzonen /durch Fräsen/
  Werkzeug: Schaftfräser Ø4
- Aufgrund von durchbohrten Löchern, wird Innerhalb des Fensters ein Luftstrom hergestellt sowie eventuelle Flüssigkeiten getrocknet

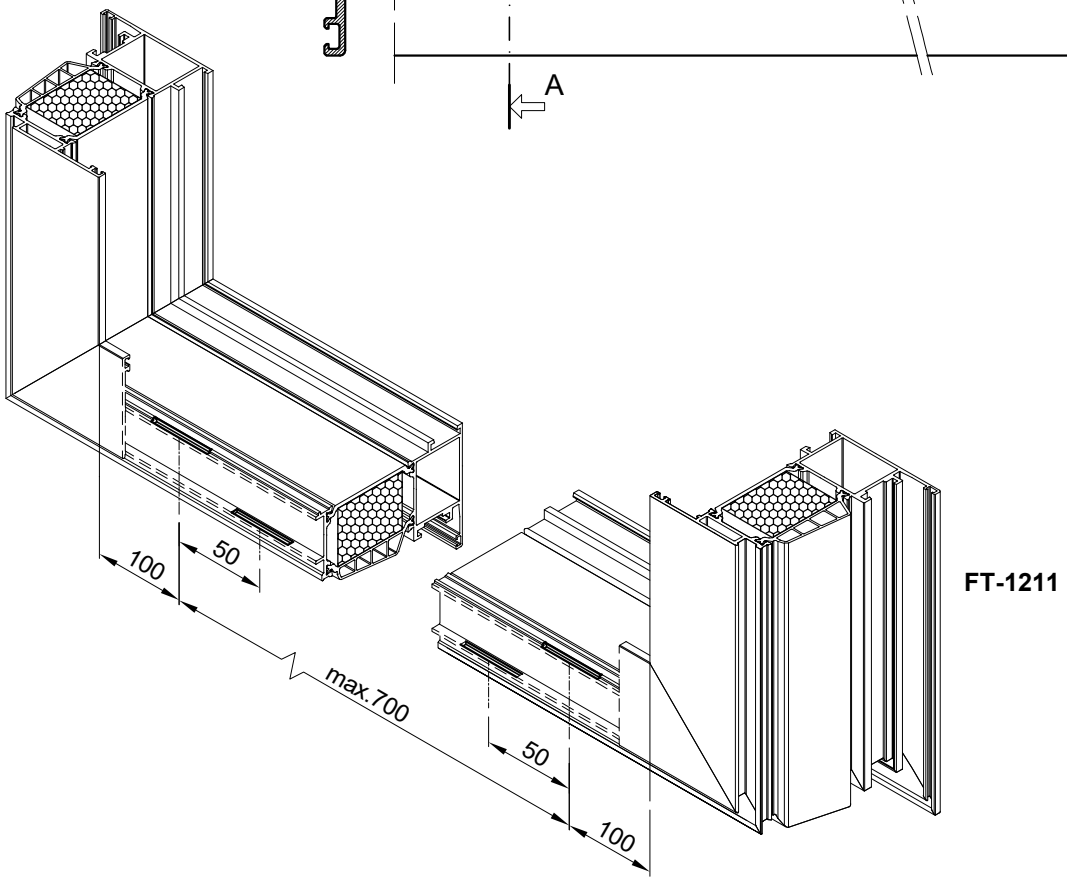
Presjek A-A
Querschnitt A-A

**FT-1211**

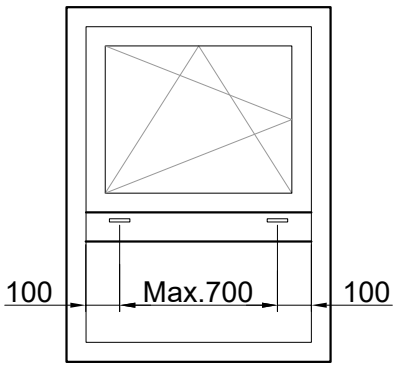



**FT-1211**




**FT-1211**

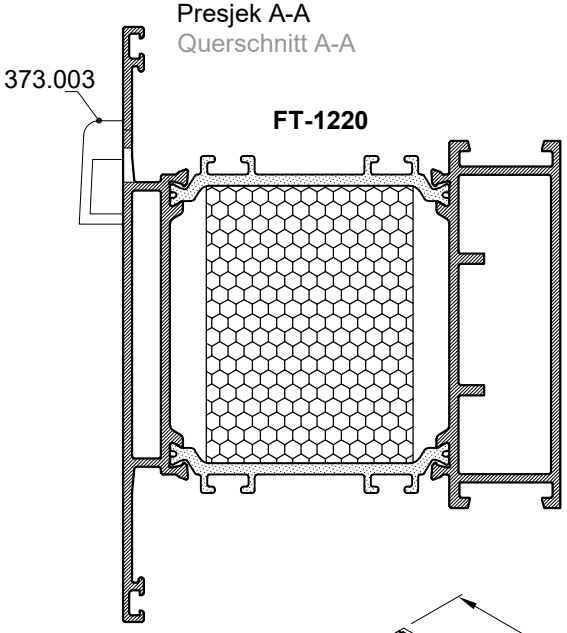


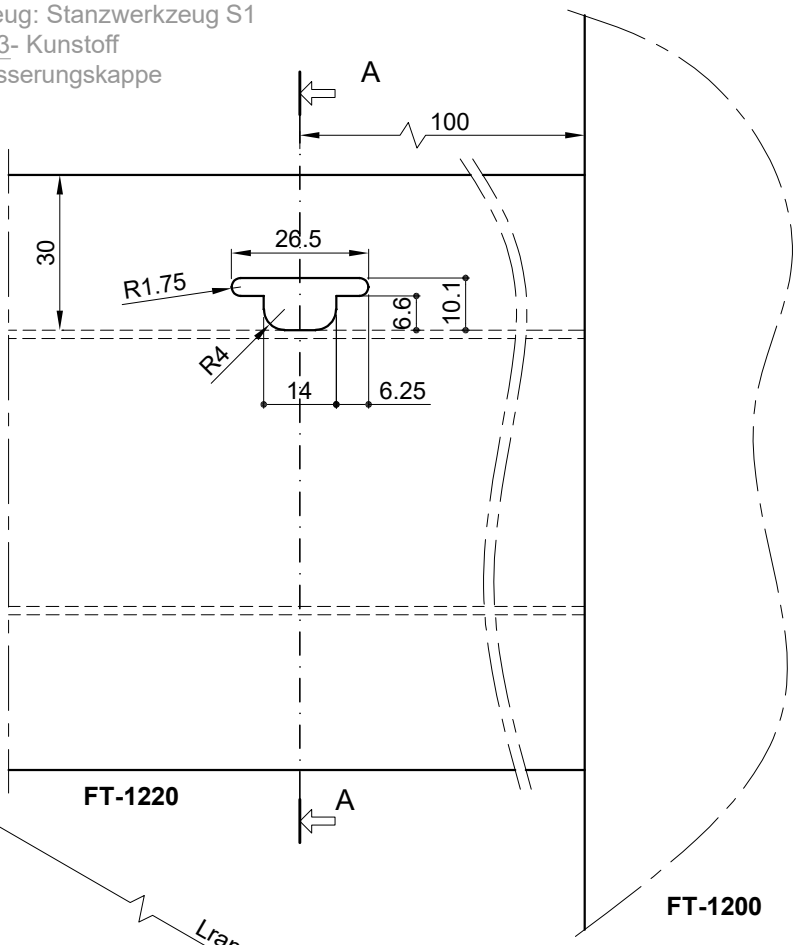

OBRADA NA PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM RIEGELPROFIL FT-1220 FÜR DIE ENTWÄSSERUNG

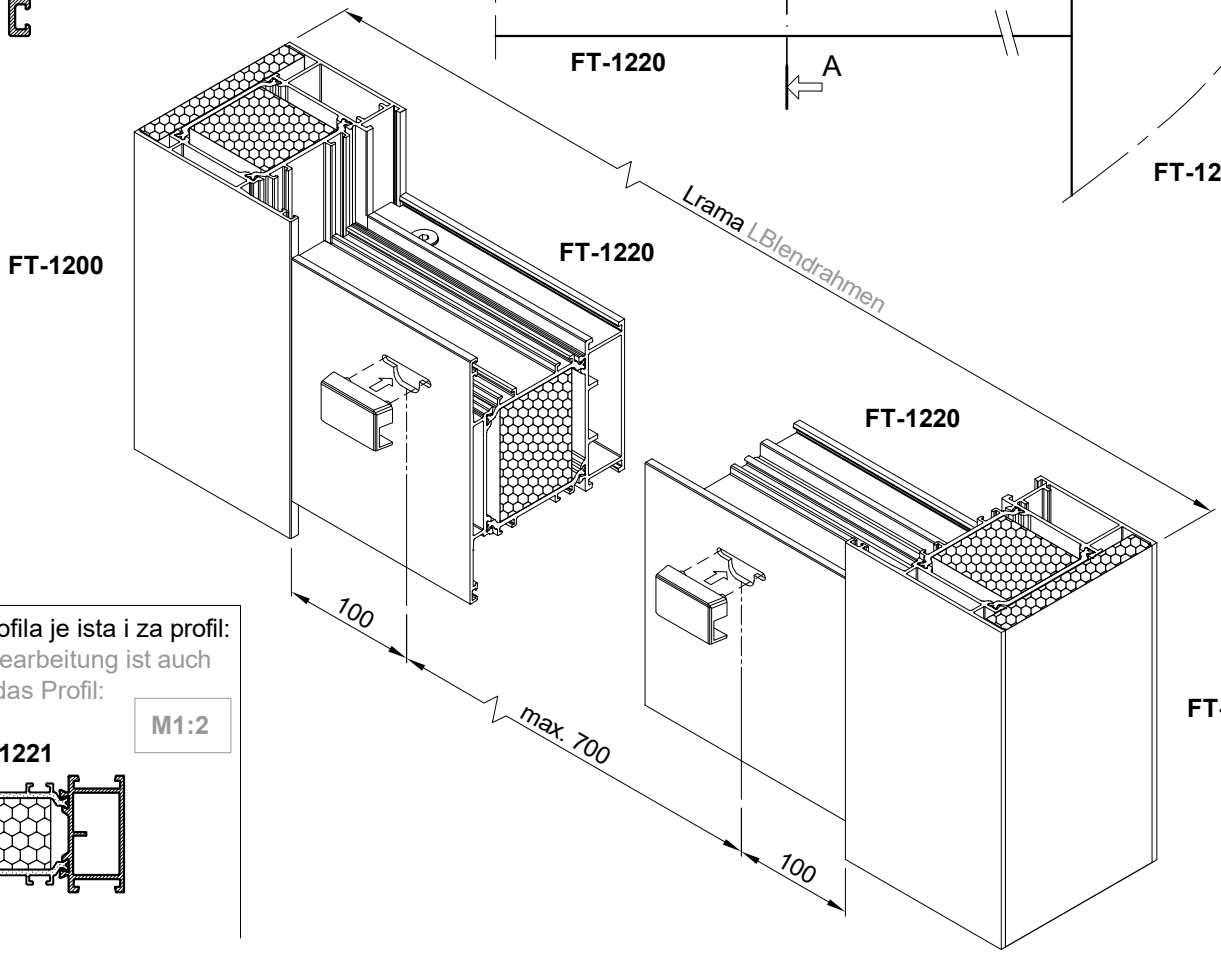
- obrada profila prečke /štancanjem/
  Alat: Štanca S1
- 373.003- pvc maska za drenažni otvor

- Bearbeitung auf dem Riegelprofil /durch Stanzen/
  Werkzeug: Stanzwerkzeug S1
- 373.003- Kunstoff
  Entwässerungskappe

Presjek A-A
Querschnitt A-A

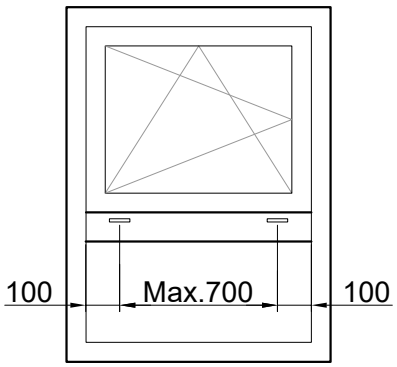



Obrada profila je ista i za profil:
Die Profilbearbeitung ist auch gleich für das Profil:

M1:2

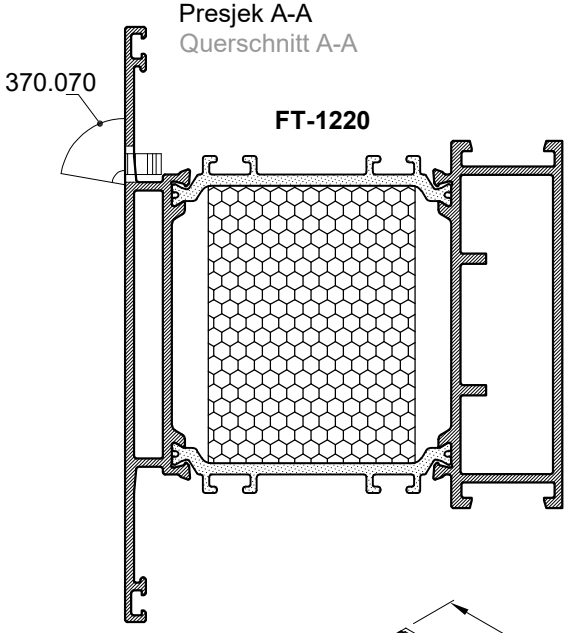


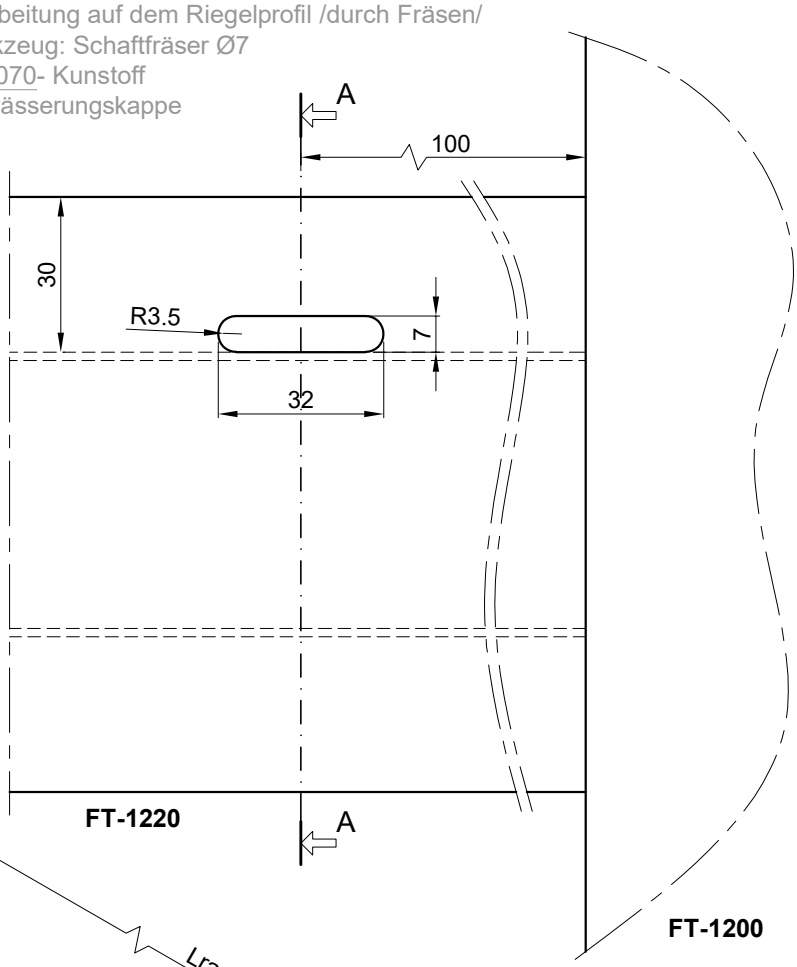

OBRADA NA PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM RIEGELPROFIL FT-1220 FÜR DIE ENTWÄSSERUNG

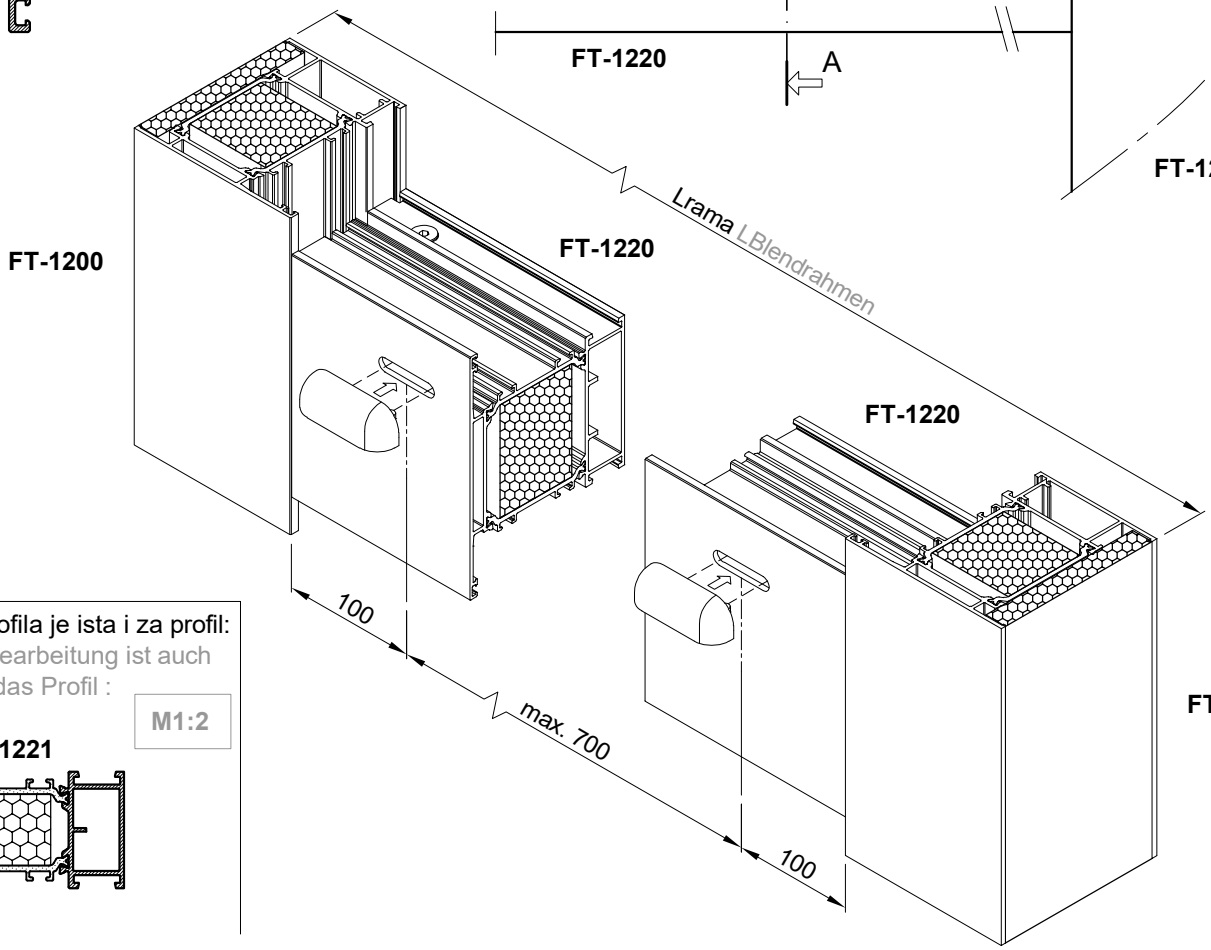
- obrada profila prečke /glodanjem/
  Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor

- Bearbeitung auf dem Riegelprofil /durch Fräsen/
  Werkzeug: Schaftfräser Ø7
- 370.070- Kunstoff
  Entwässerungskappe

Presjek A-A
Querschnitt A-A



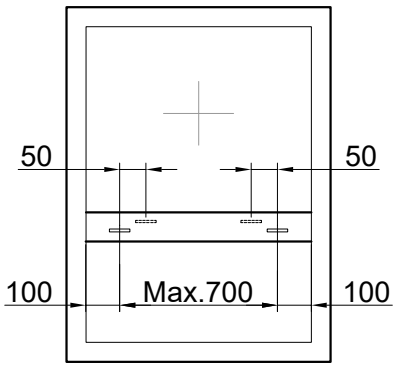




Obrada profila je ista i za profil:
Die Profilbearbeitung ist auch gleich für das Profil :

M1:2

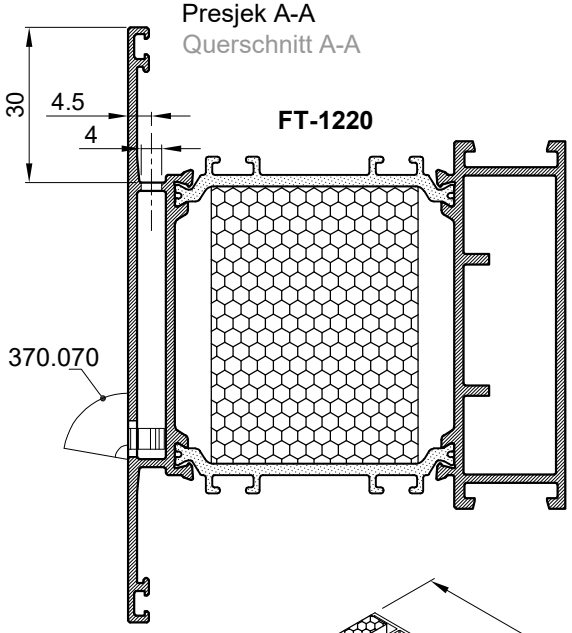
## OBRADA NA PROFILU PREČKE FT-1220 ZA ODVOD KAPLJEVINA
## BEARBEITUNG AUF DEM RIEGELPROFIL FT-1220 FÜR DIE ENTWÄSSERUNG

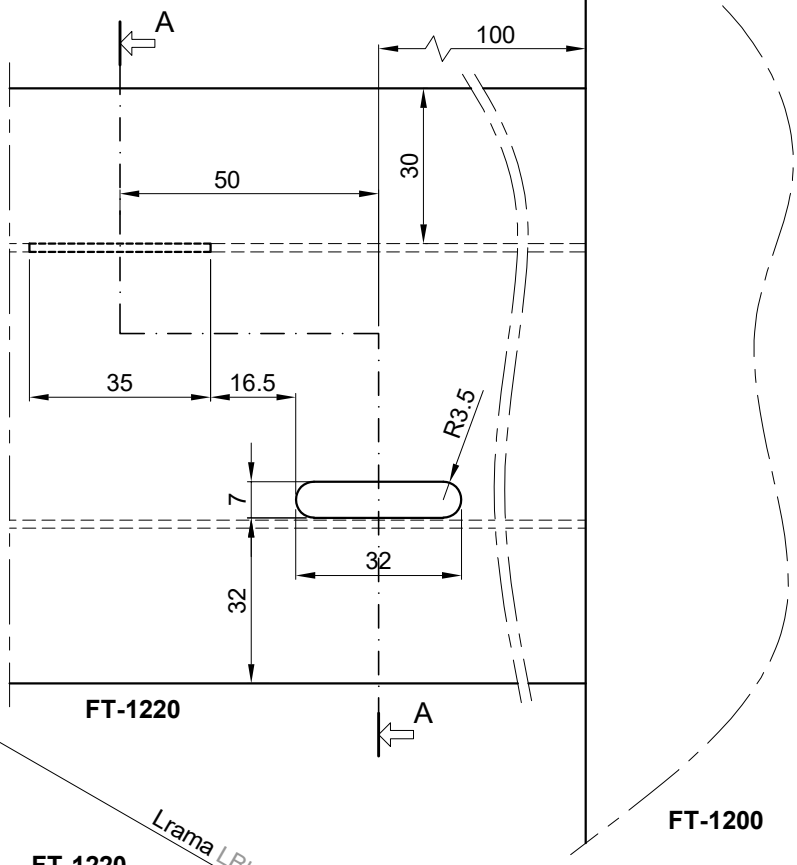


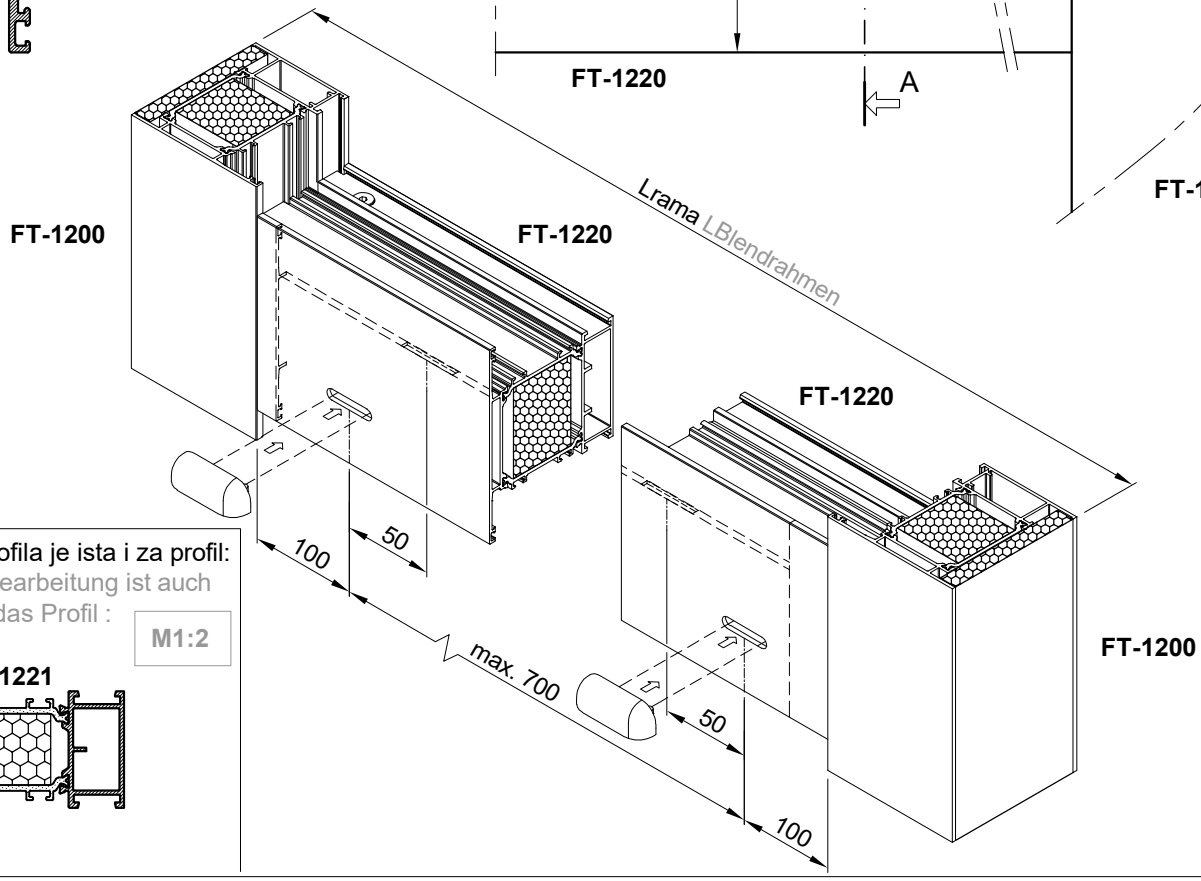

- obrada profila prečke /glodanjem/ ; (žlijeb: 35x4)
  Alat: vretenasto glodalo Ø4
- obrada profila prečke /glodanjem/ ; (žlijeb: 32x7)
  Alat: vretenasto glodalo Ø7
- 370.070- pvc maska za drenažni otvor

- Bearbeitung auf dem Riegelprofil /durch Fräsen/ ; (Rinne: 35x4)
  Werkzeug: Schaftfräser Ø4
- Bearbeitung auf dem Riegelprofil /durch Fräsen/ ; (Rinne: 32x7)
  Werkzeug: Schaftfräser Ø7
- 370.070- Kunstoff Entwässerungskappe

Presjek A-A
Querschnitt A-A



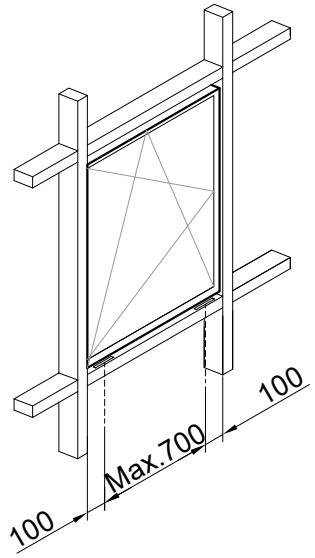




Obrada profila je ista i za profil:
Die Profilbearbeitung ist auch gleich für das Profil :

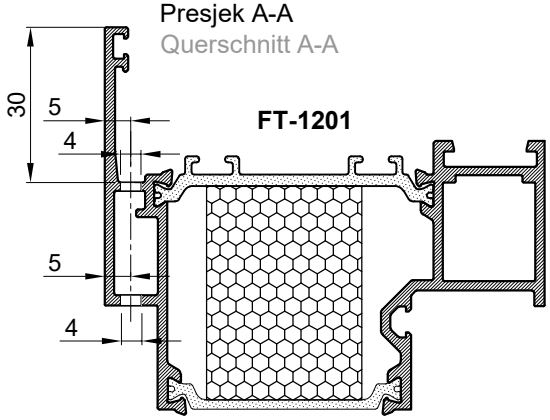
M1:2

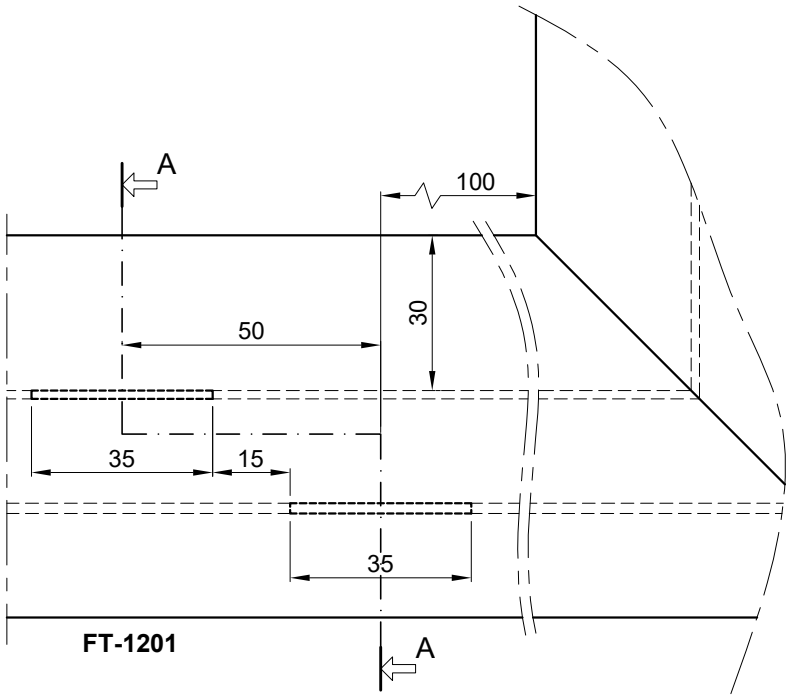
OBRADA NA PROFILU RAMA U FASADI FT-1201 ZA ODVOD KAPLJEVINA
BEARBEITUNG AUF DEM BLENDRAHMENPROFIL FT-1201 FÜR DIE ENTWÄSSERUNG

- obrada donjeg pojasa rama /štancanjem/
  Alat: Štanca S10
- Bearbeitung der unteren Blendrahmenzone /durch Stanzen/
  Werkzeug: Stanzwerkzeug S10

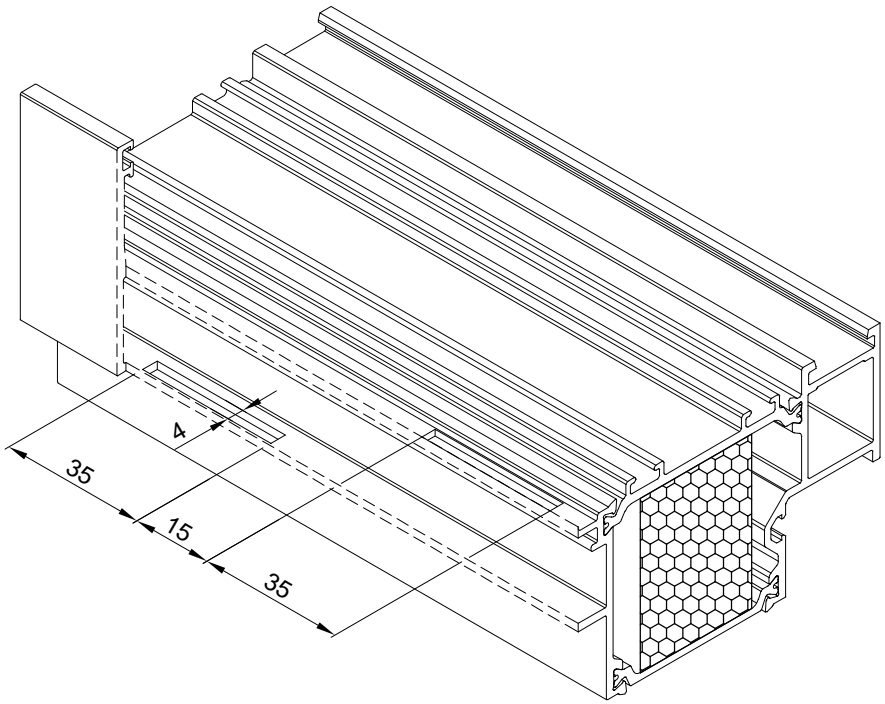


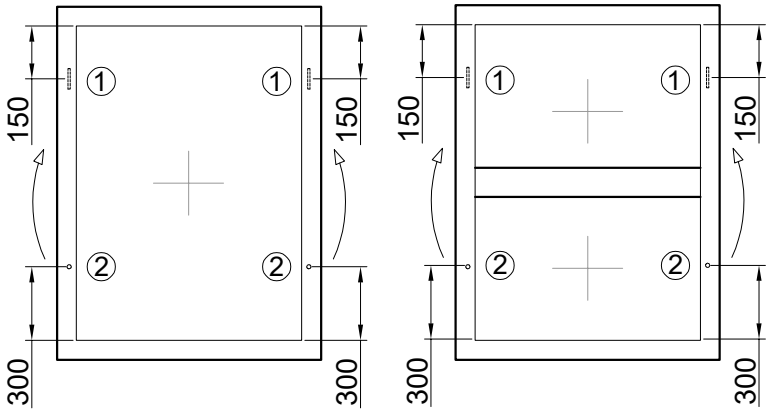

Presjek A-A
Querschnitt A-A



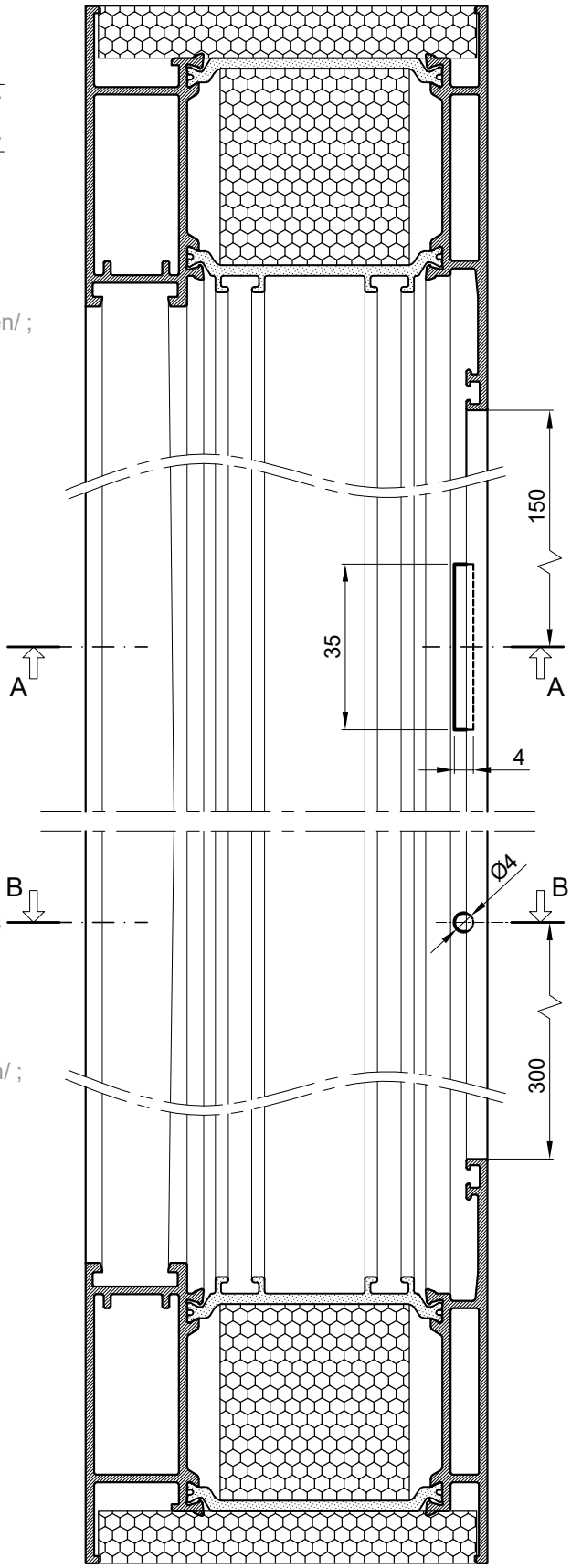




FT-1201



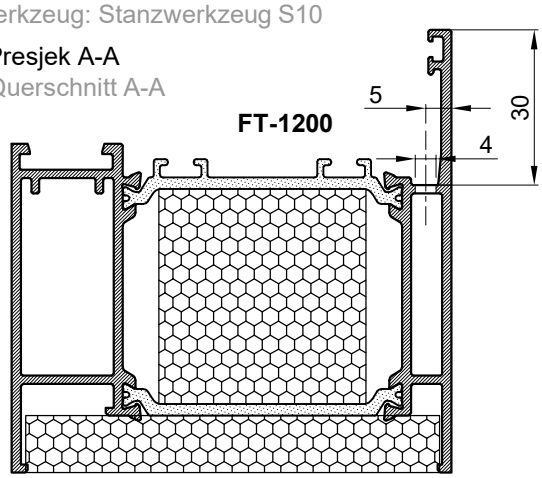



OBRADA NA PROFILU RAMA FT-1200 ZA VENTILIRANJE KOMORA RAMA
BEARBEITUNG AUF DEM BLENDRAHMENPROFIL FT-1200 FÜR BELÜFTUNG DER RAHMENKAMMERN




1. obrada okomitih pojasa rama /štancanjem/ ; (žlijeb 35x4)
   Alat: Štanca S10
1. Bearbeitung der senkrechten Blendrahmenzonen /durch Stanzen/ ; (Rinne 35x4)
   Werkzeug: Stanzwerkzeug S10

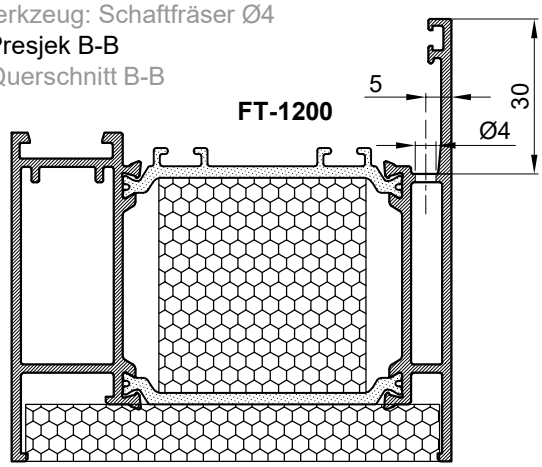
Presjek A-A
Querschnitt A-A



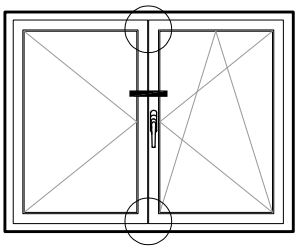

- uslijed probijenih otvora unutar prozora dolazi do uspostave strujanja zraka i isušivanja mogućih kapljevina
- Aufgrund von durchbohrten Löchern,wird Innerhalb des Fensters ein Luftstrom hergestellt sowie eventuelle Flüssigkeiten getrocknet

2. obrada okomitih pojasa rama /glodanjem/ ; (rupa Ø4)
   Alat: vretenasto glodalo Ø4
2. Bearbeitung der senkrechten Blendrahmenzonen /durch Fräsen/ ; (Loch Ø4)
   Werkzeug: Schaftfräser Ø4

Presjek B-B
Querschnitt B-B

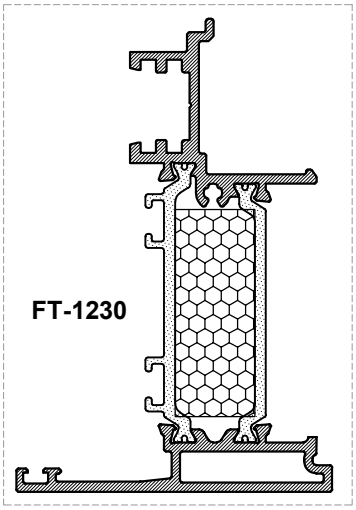


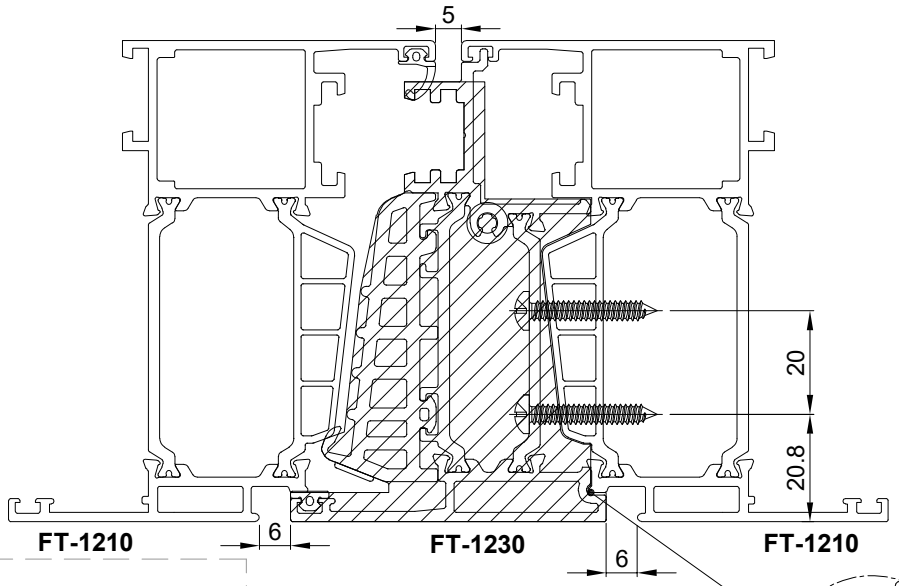
## 363.063 - UMETAK ZA PROFIL KOMBATUTE FT-1230 KOD DVOKRILNOG OTVARANJA
## 363.063 - STULPDICHTUNG FT-1230 FÜR ZWEIFLÜGELIGES ÖFFNEN

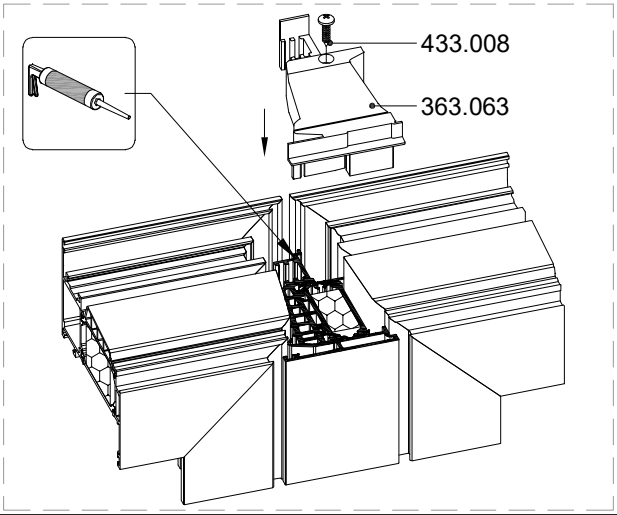


OTVARANJE UNUTRA
EINWÄRTS ÖFFNEND



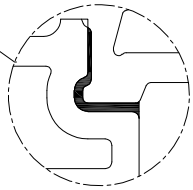



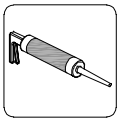




**363.063**
-gornji i donji umetak-simetrično
-materijal: tvrda guma
-mjera pilanja profila FT-1230
H=Hkr - 70

**363.063**
-oberer und unterer
Einsatz-symmetrisch
-Material:Hartgummi
-Nennmaß für Profil FT-1230
H=Hsh - 70

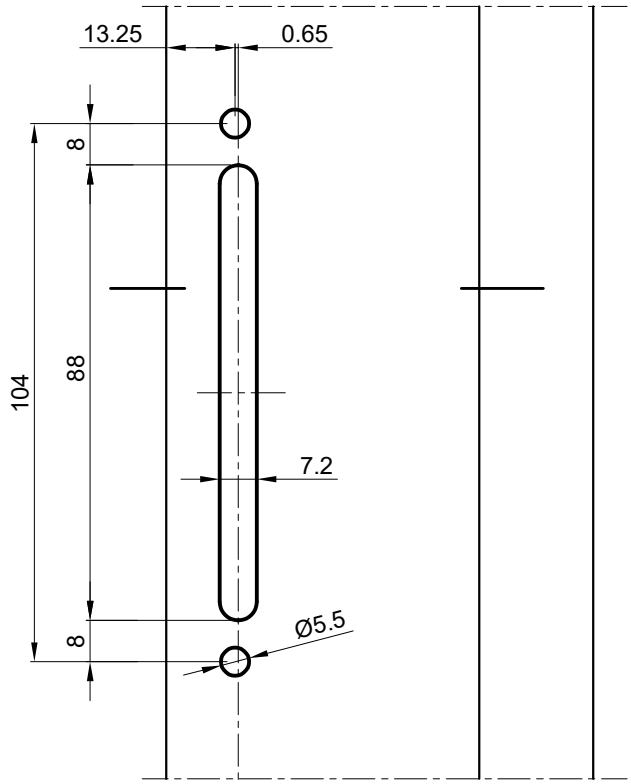


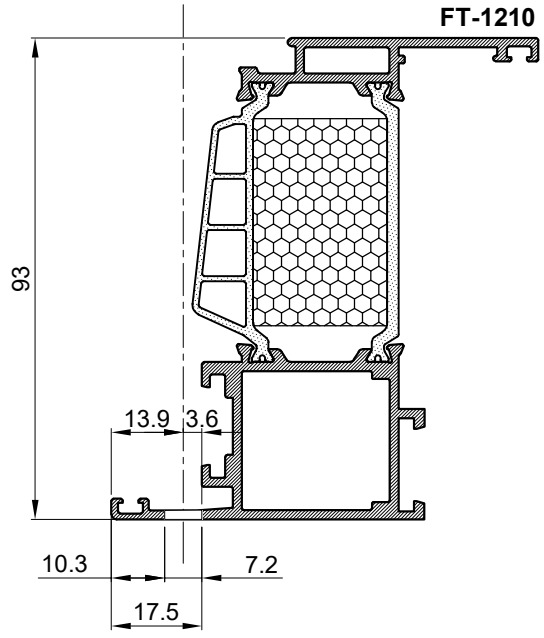
ispuniti ljepilom za metal
(cijelom dužinom profila)
mit Metallkleber füllen
(über die gesamte
Profillänge)

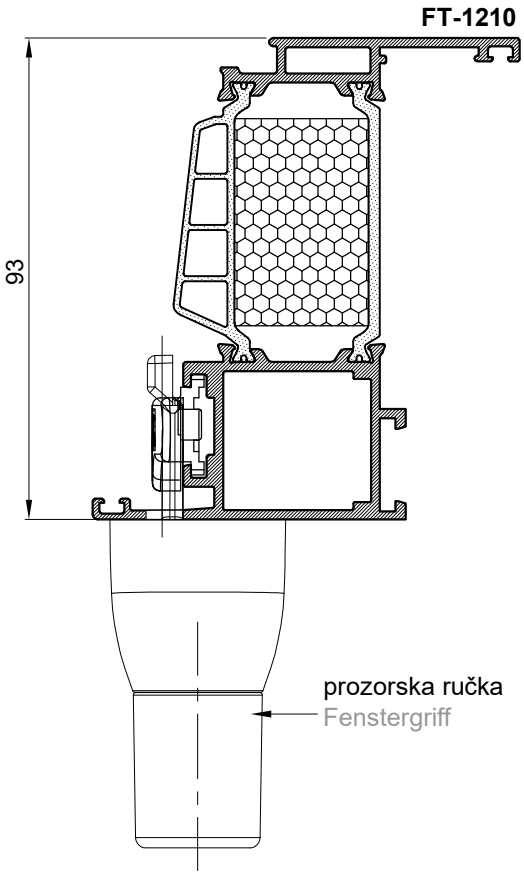


ljepilo za metal
(npr. Teroson MS 939)
Metallkleber
(z.B. Teroson MS 939)

OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
BEARBEITUNG DES FENSTERFLÜGELPROFILS FÜR GRIFFMONTAGE



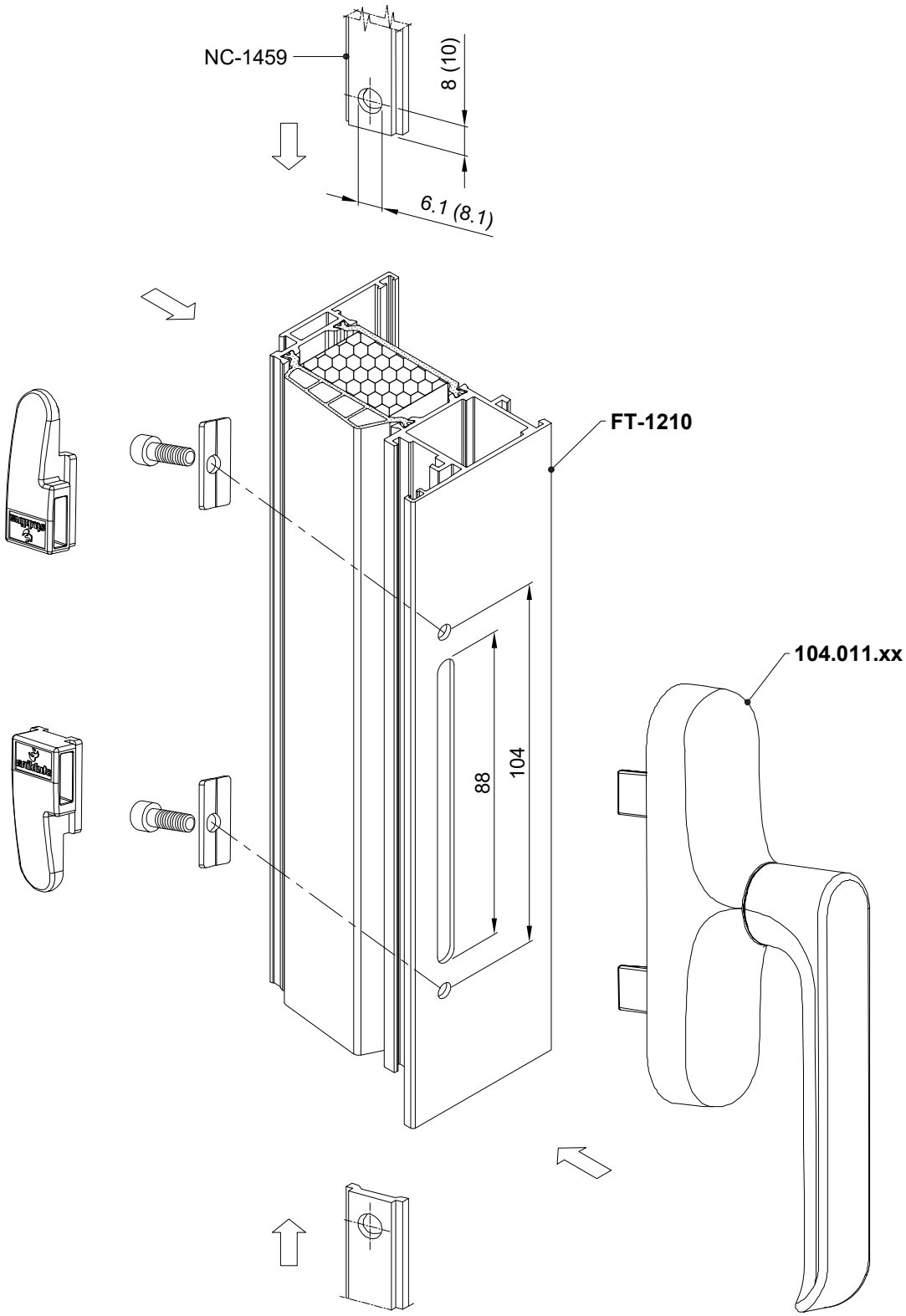




OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
(OTKLOPNO-ZAOKRETNI MEHANIZAM)
BEARBEITUNG DES FENSTERFLÜGELPROFILS FÜR GRIFFMONTAGE
(DREH-KIPP BESCHLAG)

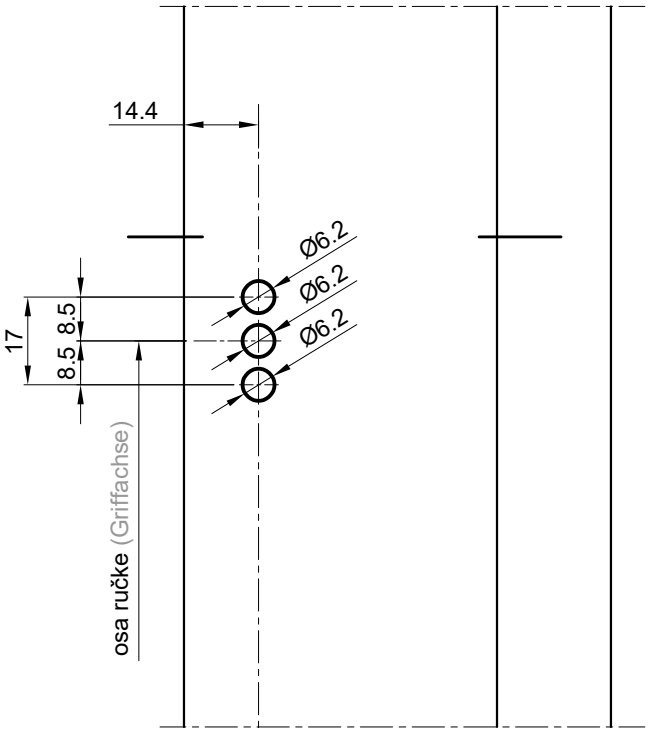
- obrada na profilu krila /štancanjem/
  Alat: Štanca S1
- Bearbeitung auf dem Flügelprofil /durch Stanzen/
  Werkzeug: Stanzwerkzeug S1

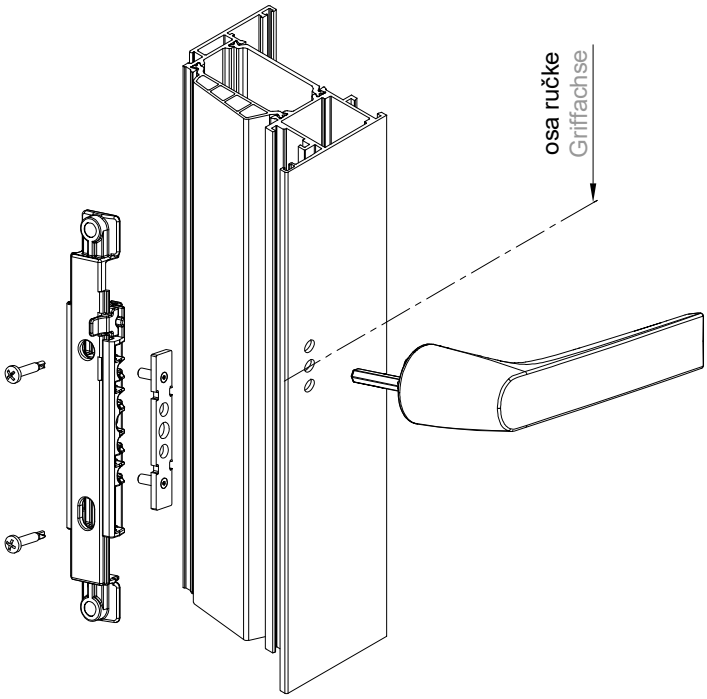
## OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
## BEARBEITUNG DES FENSTERFLÜGELPROFILS FÜR GRIFFMONTAGE

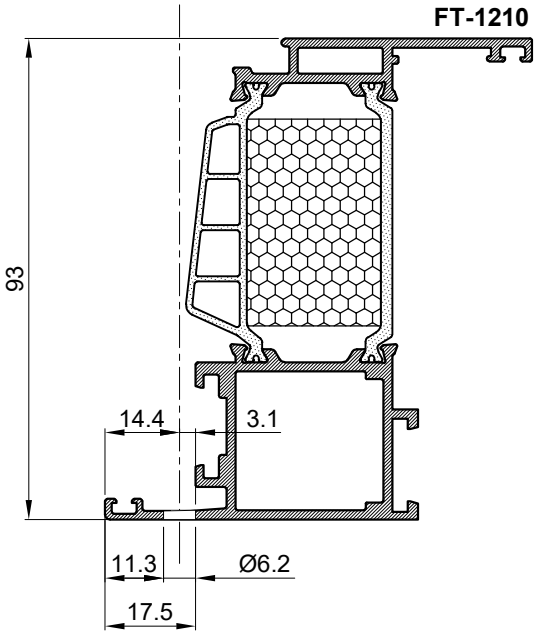


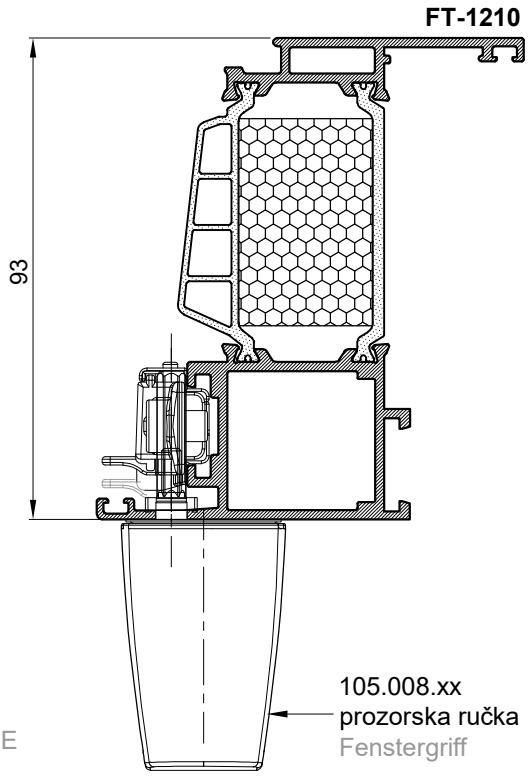

- obrada na profilu krila /štancanjem/
  Alat: Štanca S1
- Bearbeitung auf dem Flügelprofil /durch Stanzen/
  Werkzeug: Stanzwerkzeug S1

## OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
## BEARBEITUNG DES FENSTERFLÜGELPROFILS FÜR GRIFFMONTAGE



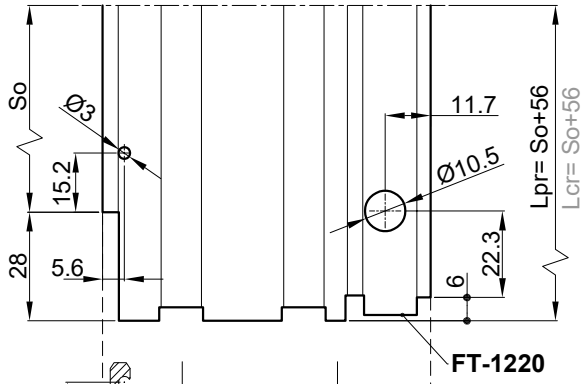



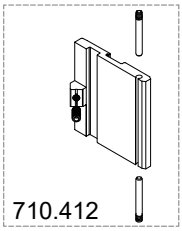

OBRADA PROZORSKOG PROFILA KRILA ZA UGRADNJU RUČKE
(SKRIVENI OTKLOPNO-ZAOKRETNI MEHANIZAM -GIESSE)
BEARBEITUNG DES FENSTERFLÜGELPROFILS FÜR GRIFFMONTAGE
(VERDECKTER DREH-KIPP BESCHLAG - GIESSE)

- obrada na profilu krila /glodanjem/
  Alat: vretenasto glodalo Ø6.2
- Bearbeitung auf dem Flügelprofil /durch Fräsen/
  Werkzeug: Schaftfräser Ø6.2

# SPAJANJE PROFILA PREČKE **FT-1220** S PROFILOM RAMA **FT-1200** - POMOĆU VEZNIKA
VERBINDEN DES PFOSTEN/RIEGELPROFILS **FT-1220** MIT DEM BLENDRAHMENPROFIL **FT-1200** - MITHILFE DER T-VERBINDER

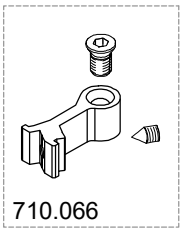


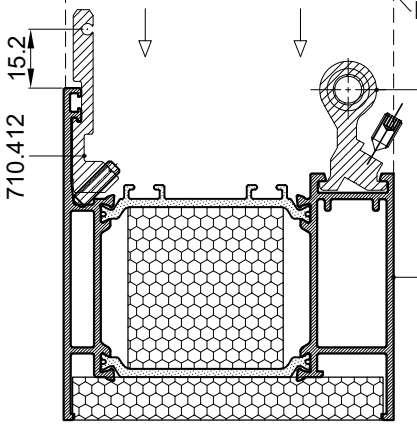

Mjera pilanja prečke FT-1220:
Lpr = So /svijetli otvor/ + 56 mm
Nennmaß für Profil FT-1220:
Lcr = So /Lichtweite/ + 56 mm

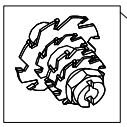


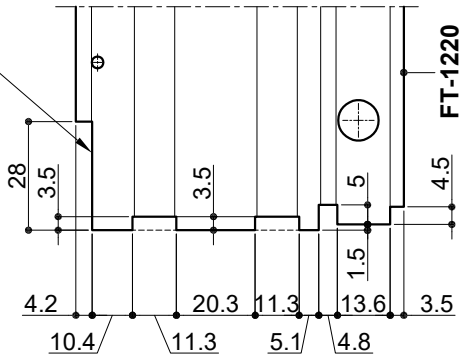

① Obrada profila prečke
Bearbeitung des Pfosten/Riegelprofils

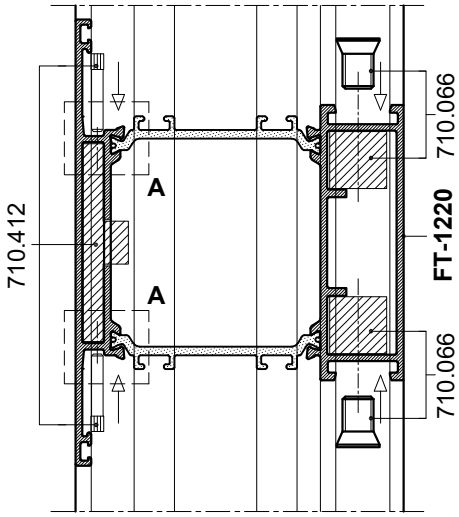
1. obrada profila snopom glodala .....art. **220.027**
2. obrada profila na glodalici ili obradnom centru
1. Profilbearbeitung mit der Fräsergruppe ..... art. **220.027**
2. Profilbearbeitung auf Fräsmaschine oder CNC Maschine

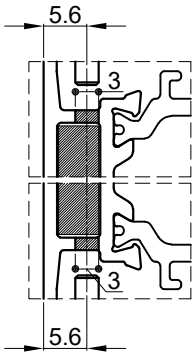




art.220.027



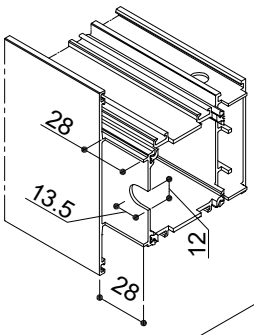



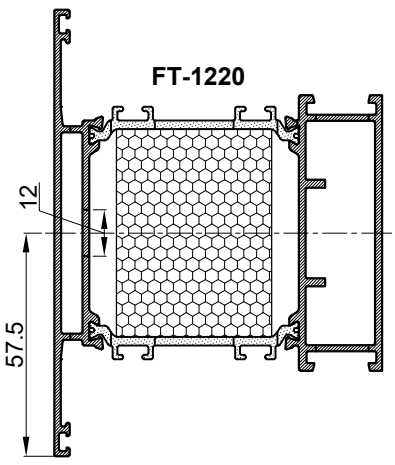



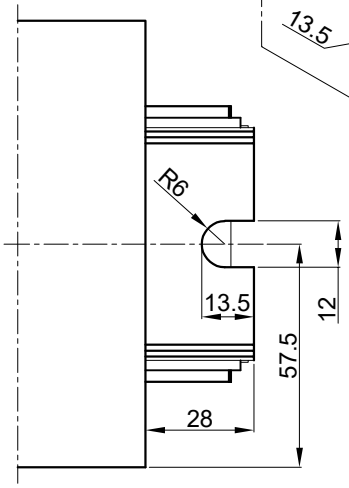

DETALJ **A**
M2:1

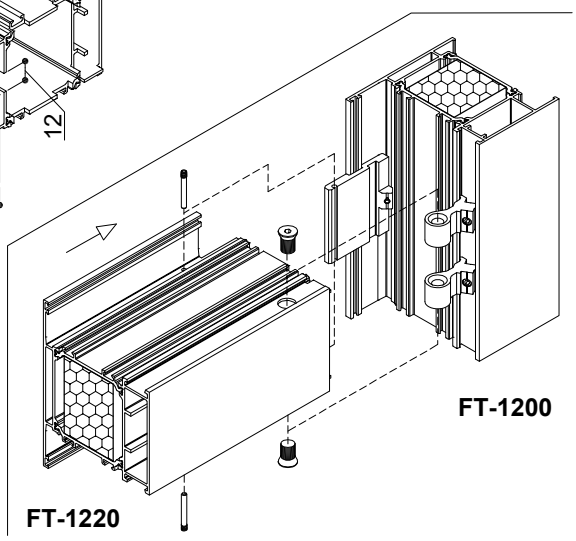
② Obrada profila prečke glodalom Ø12
Bearbeitung des Pfosten/Riegelprofils mit dem Fräser Ø12

(Nakon završene obrade profila prečke snopom glodala (art.220.027), pristupiti obradi profila prečke glodalom Ø12)
(Nach fertiggestellter Pfosten/Riegelprofilbearbeitung mit der Fräsergruppe (Art. 220.027), die Bearbeitung des Pfosten/Riegelprofils mit einem Fräser Ø12 beginnen)

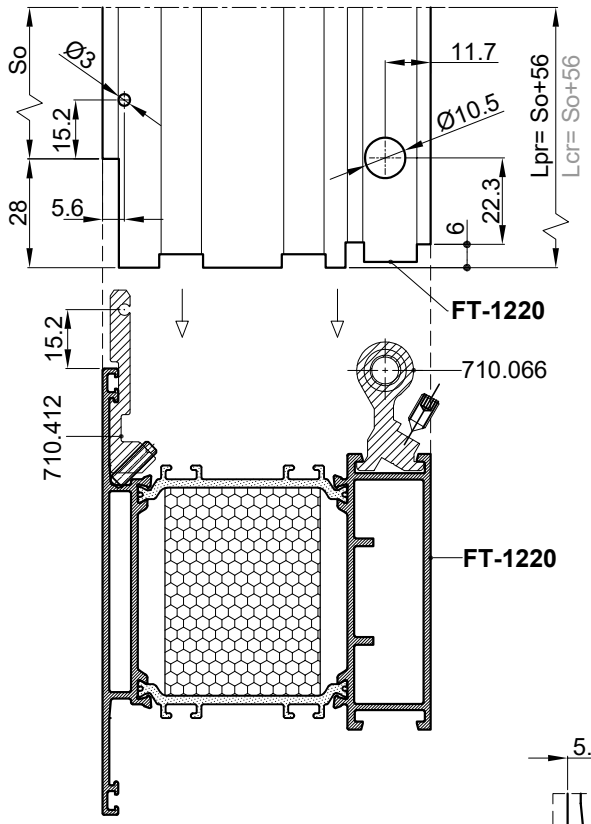


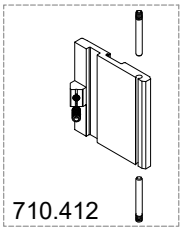



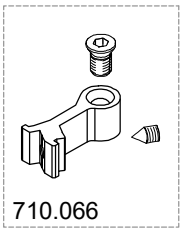



## SPAJANJE PROFILA PREČKE **FT-1220** S PROFILOM PREČKE **FT-1220** - POMOĆU VEZNIKA
## VERBINDEN DES PFOSTEN/RIEGELPROFILS **FT-1220** MIT PFOSTEN/RIEGELPROFIL **FT-1220** - MITHILFE DER T-VERBINDER



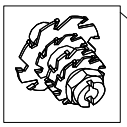

Mjera pilanja prečke FT-1220:
Lpr = So /svijetli otvor/ + 56 mm
Nennmaß für Profil FT-1220:
Lcr = So /Lichtweite/ + 56 mm

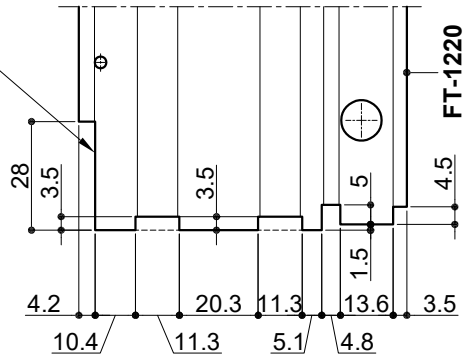


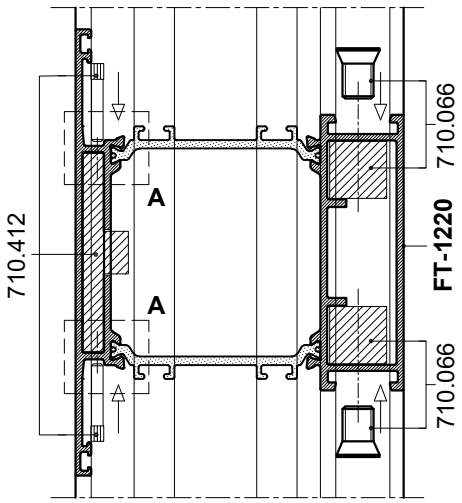



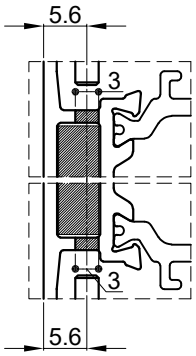

① Obrada profila prečke
Bearbeitung des Pfosten/Riegelprofils

1. obrada profila snopom glodala .....art. **220.027**
2. obrada profila na glodalici ili obradnom centru
1. Profilbearbeitung mit der Fräsergruppe..... art. **220.027**
2. Profilbearbeitung auf Fräsmaschine oder CNC Maschine



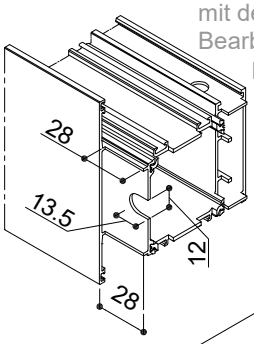



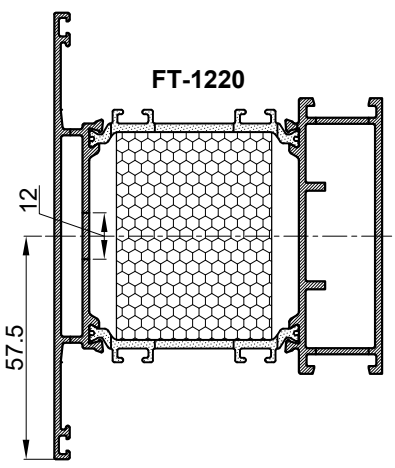



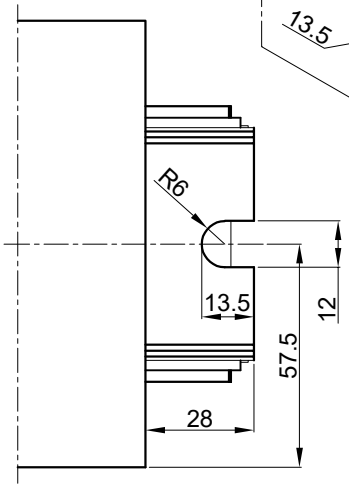

DETALJ **A**
M2:1

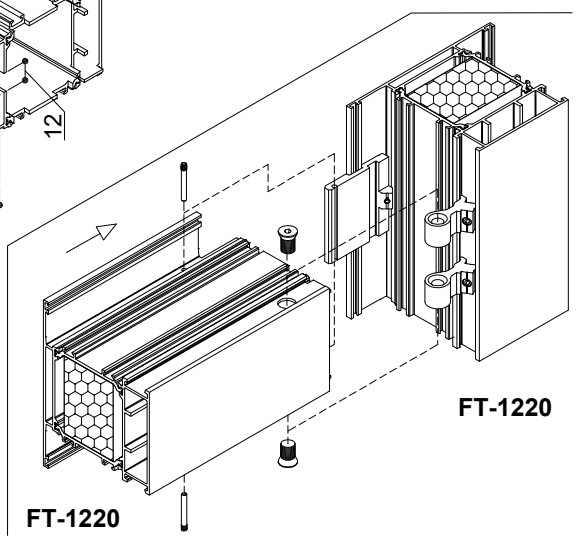
② Obrada profila prečke glodalom Ø12
Bearbeitung des Pfosten/Riegelprofils mit dem Fräser Ø12

(Nakon završene obrade profila prečke snopom glodala (art.220.027), pristupiti obradi profila prečke glodalom Ø12)
(Nach fertiggestellter Pfosten/Riegelprofilbearbeitung mit der Fräsergruppe (Art. 220.027), die Bearbeitung des Pfosten/Riegelprofils mit einem Fräser Ø12 beginnen)

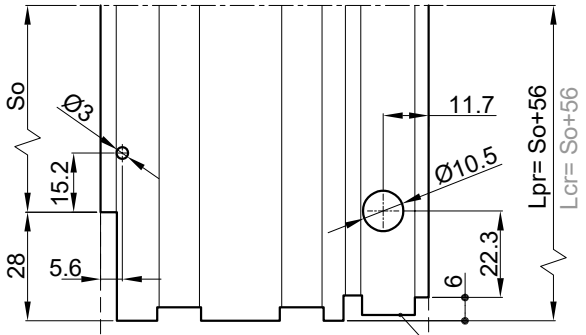


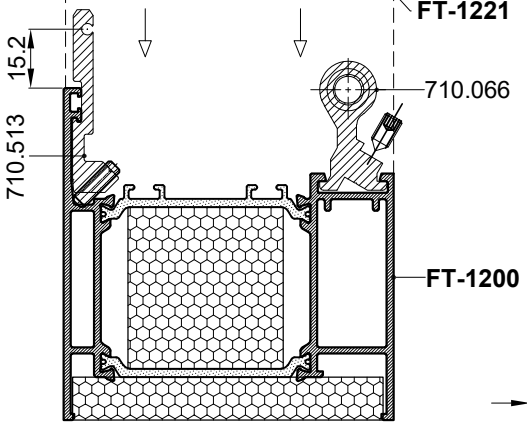



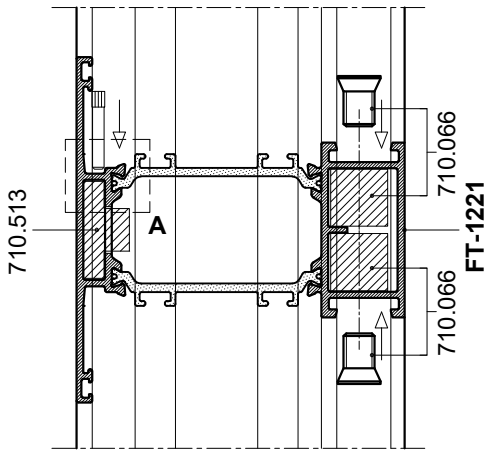



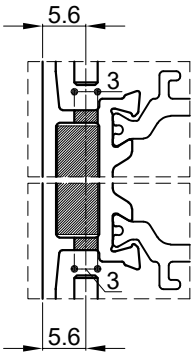



SPAJANJE PROFILA PREČKE **FT-1221** S PROFILOM RAMA **FT-1200** - POMOĆU VEZNIKA
VERBINDEN DES PFOSTEN/RIEGELPROFILS **FT-1221** MIT DEM BLENDRAHMENPROFIL **FT-1200** -MITHILFE DER T-VERBINDER



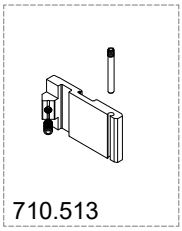



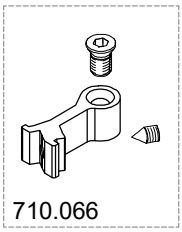




DETALJ **A**
M2:1

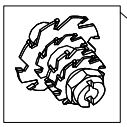
Mjera pilanja prečke FT-1221:
Lpr = So /svijetli otvor/ + 56 mm
Nennmaß für Profil FT-1221:
Lcr = So /Lichtweite/ + 56 mm

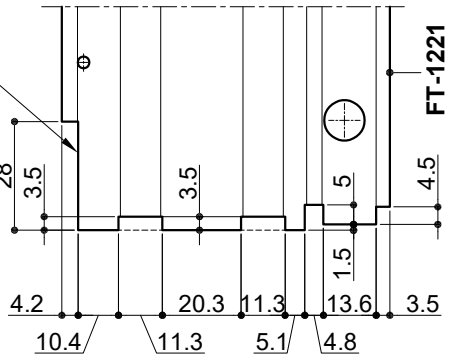



① Obrada profila prečke
Bearbeitung des Pfosten/Riegelprofils

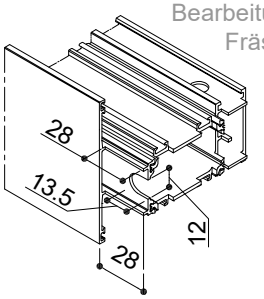
1. obrada profila snopom glodala .....art. **220.027**
2. obrada profila na glodalici ili obradnom centru
1. Profilbearbeitung mit der Fräsergruppe..... art. **220.027**
2. Profilbearbeitung auf Fräsmaschine oder CNC Maschine

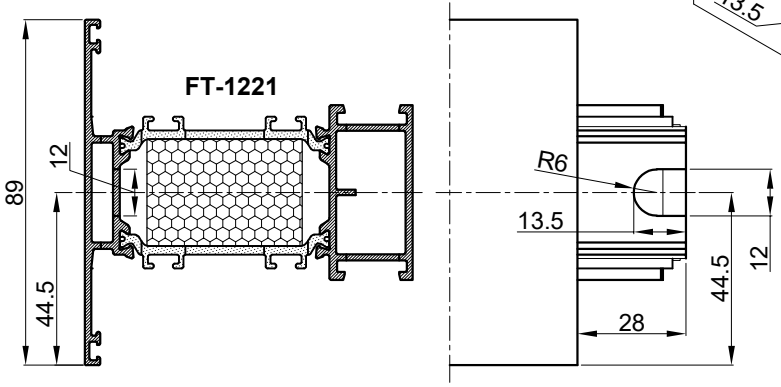


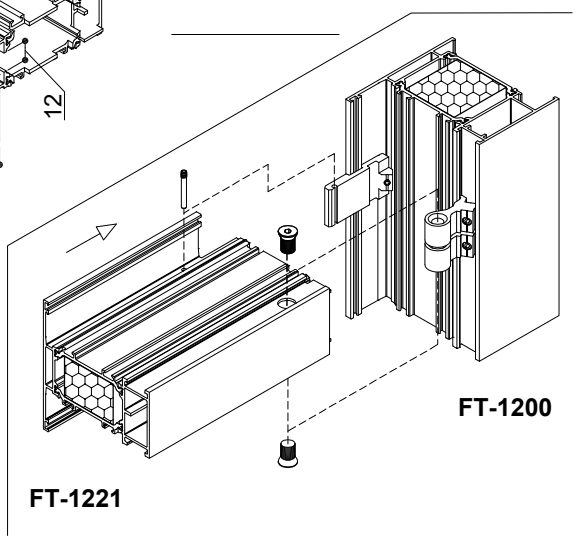




② Obrada profila prečke glodalom Ø12
Bearbeitung des Pfosten/Riegelprofils mit dem Fräser Ø12

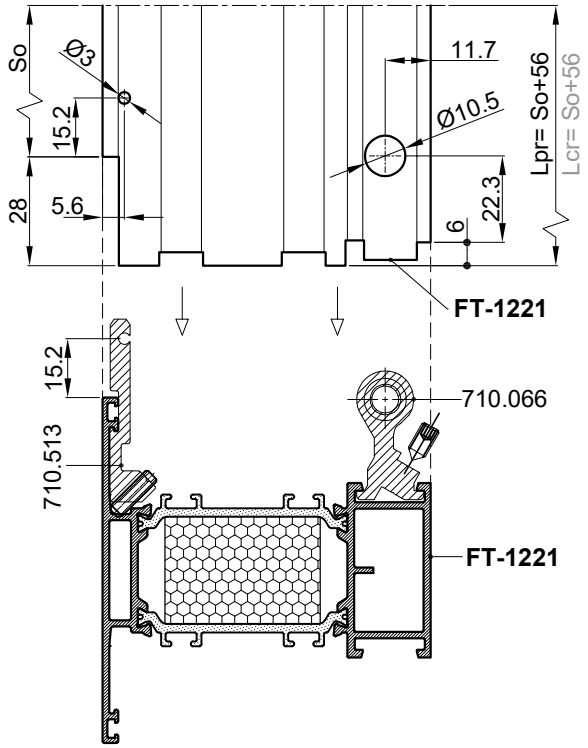
(Nakon završene obrade profila prečke snopom glodala (art.220.027), pristupiti obradi profila prečke glodalom Ø12)
(Nach fertiggestellter Pfosten/Riegelprofilbearbeitung mit der Fräsergruppe (Art. 220.027), die Bearbeitung des Pfosten/Riegelprofils mit einem Fräser Ø12 beginnen)



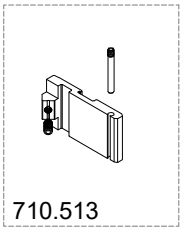



## SPAJANJE PROFILA PREČKE **FT-1221** S PROFILOM PREČKE **FT-1221** - POMOĆU VEZNIKA
## VERBINDEN DES PFOSTEN/RIEGELPROFILS **FT-1221** MIT PFOSTEN/RIEGELPROFIL **FT-1221** - MITHILFE DER T-VERBINDER

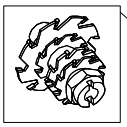


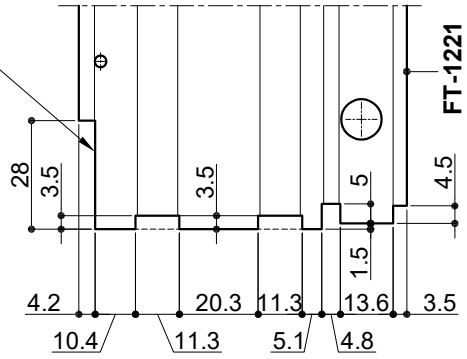

Mjera pilanja prečke FT-1221:
Lpr = So /svijetli otvor/ + 56 mm
Nennmaß für Profil FT-1220:
Lcr = So /Lichtweite/ + 56 mm

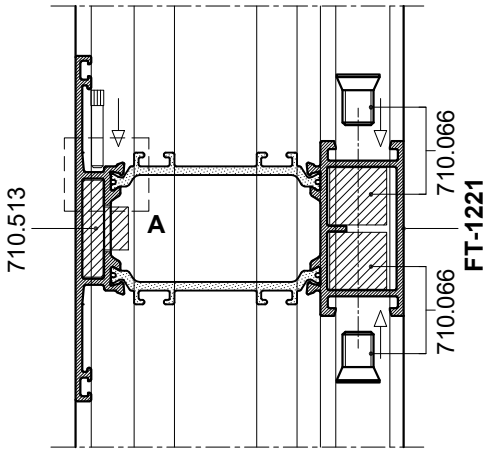


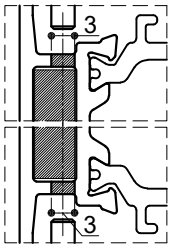

① Obrada profila prečke
Bearbeitung des Pfosten/Riegelprofils

1. obrada profila snopom glodala .....art. **220.027**
2. obrada profila na glodalici ili obradnom centru
1. Profilbearbeitung mit der Fräsergruppe..... art. **220.027**
2. Profilbearbeitung auf Fräsmaschine oder CNC Maschine


art.220.027



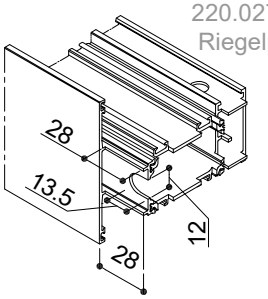



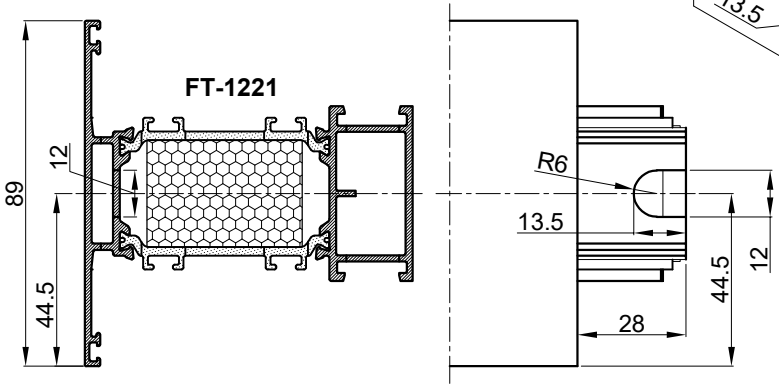



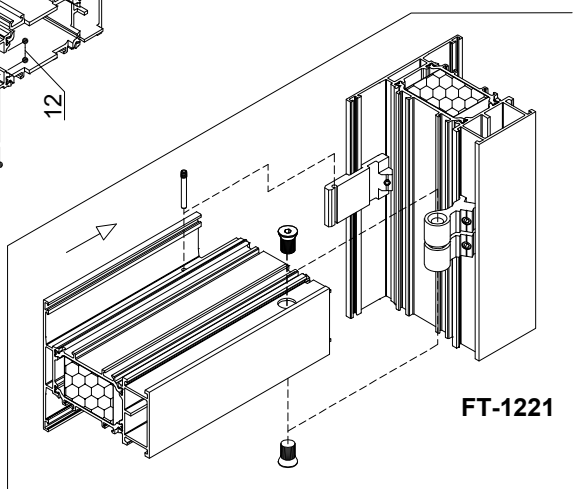

DETALJ **A**
M2:1

② Obrada profila prečke glodalom Ø12
Pfosten/Riegelprofilbearbeitung mit dem Fräser Ø12

(Nakon završene obrade profila prečke snopom glodala (art.220.027), pristupiti obradi profila prečke glodalom Ø12)
(Nach fertiggestellter Pfosten/ Riegelprofilbearbeitung mit der Fräsergruppe (Art. 220.027), die Bearbeitung des Pfosten/ Riegelprofils mit einem Fräser Ø12 beginnen)

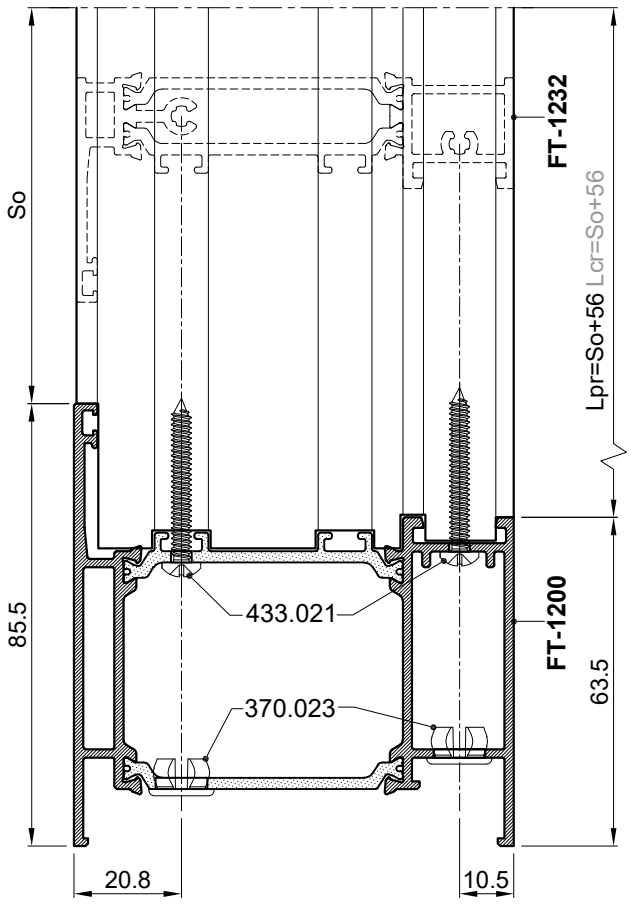



**FT-1221**

## SPAJANJE PROFILA PRAGA **FT-1232** S PROFILOM RAMA **FT-1200** POMOĆU VIJAKA
## VERSCHRAUBUNG DES SCHWELLENPROFILS **FT-1232** MIT DEM BLENDRAHMENPROFIL **FT-1200**

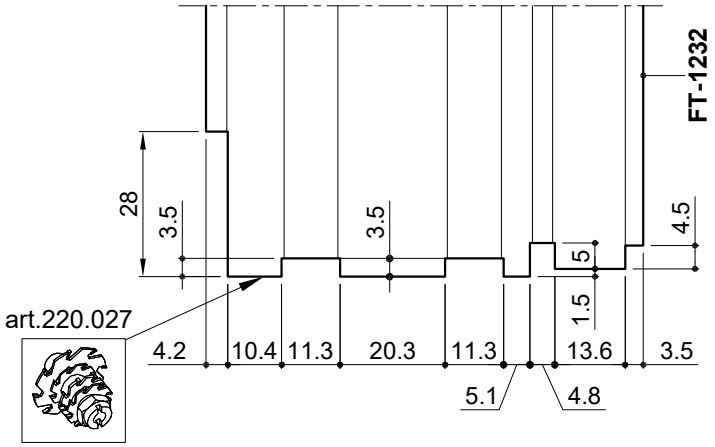



Mjera pilanja profila praga FT-1232:
Lpr=So /svijetli otvor/ + 56 mm
Nennmaß für Schwellenprofil FT-1232:
Lth=So /Lichtweite/ + 56 mm

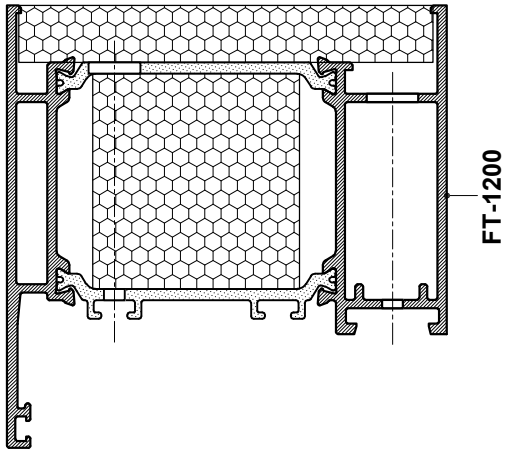
Obrada profila praga
Bearbeitung des Schwellenprofils

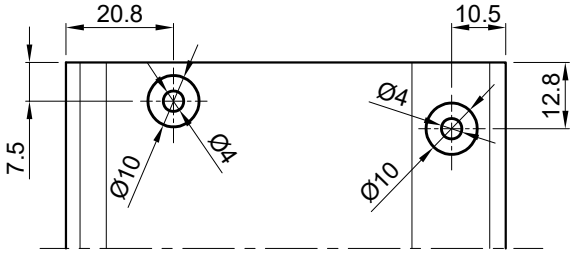
1. obrada profila snopom glodala .....art. **220.027**
2. obrada profila na glodalici ili obradnom centru

1. Profilbearbeitung mit der Fräsergruppe ..... art. **220.027**
2. Profilbearbeitung auf Fräsmaschine oder CNC Maschine




Obrada profila rama
Bearbeitung des Blendrahmenprofils



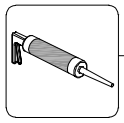





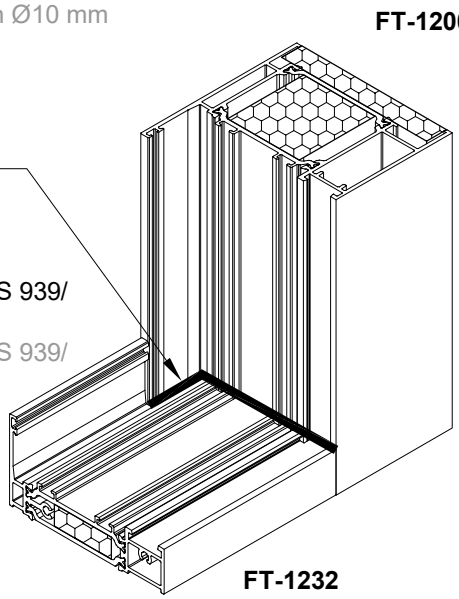

370.023
pvc čep-maska-
za Ø10 mm
Kunststoff
Verschlußkappe
für Loch Ø10 mm



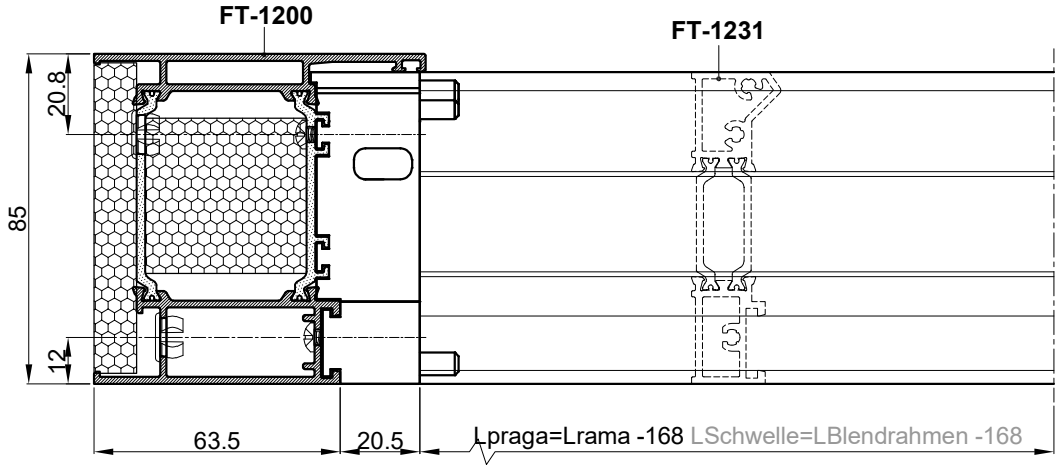
433.021
vijak 3.9x32 (DIN 7981)
Schraube 3.9x32 (DIN 7981)



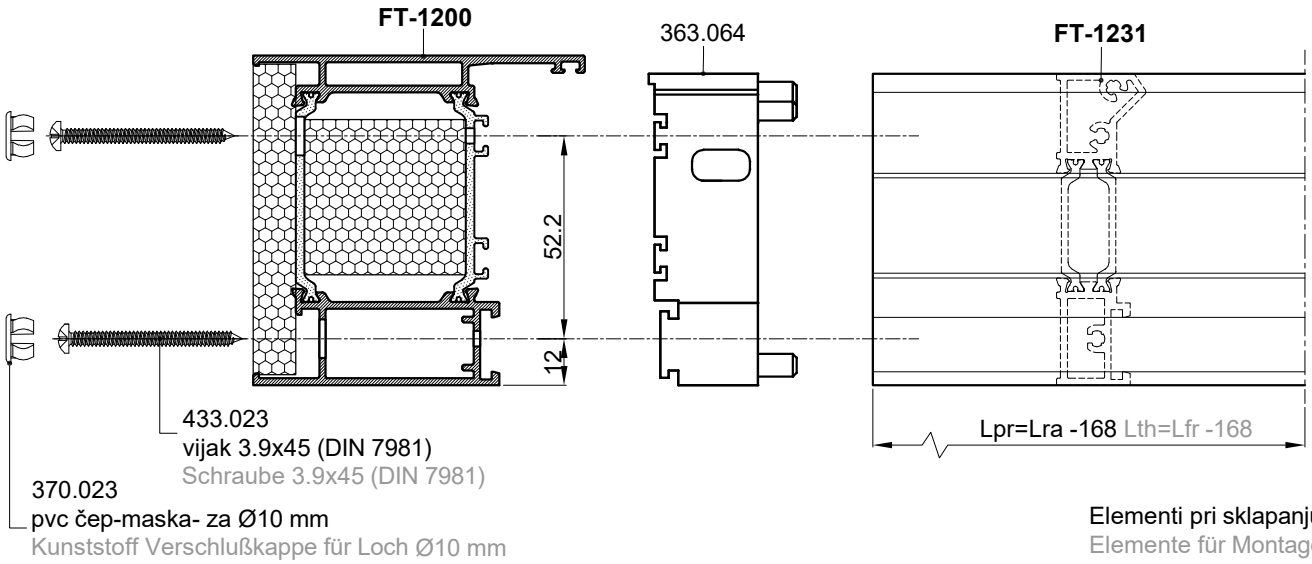
ljepilo za metal
/npr. Teroson MS 939/
Metallkleber
/z.B. Teroson MS 939/



SPAJANJE PROFILA PRAGA **FT-1231** S PROFILOM RAMA **FT-1200** POMOĆU UMETKA **363.064**
VERBINDEN DES SCHWELLENPROFILS **FT-1231** MIT DEM BLENDRAHMENPROFIL **FT-1200** MITHILFE VON EINSATZ **363.064**

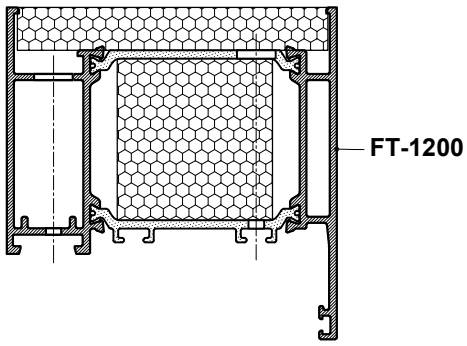


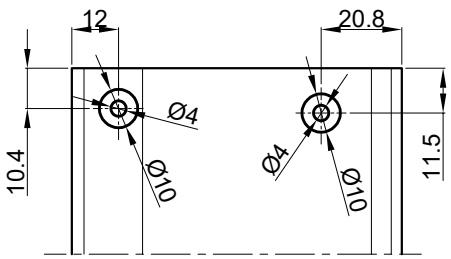

Mjera pilanja profila praga
Lpr=Lra-168
Nennmaß für
Schwellenprofil
Lth=Lfr-168

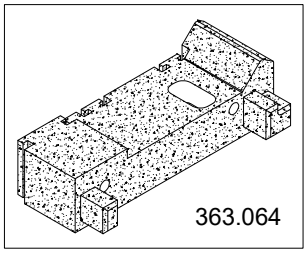


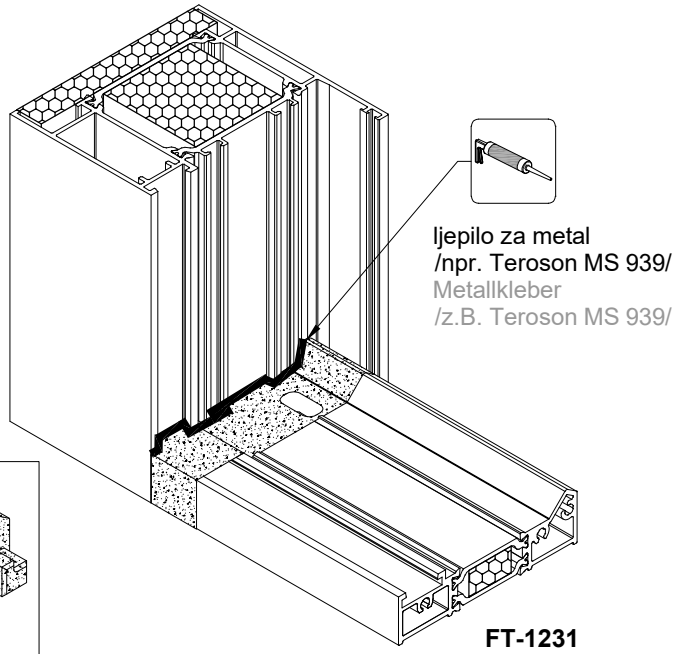

Elementi pri sklapanju
Elemente für Montage

OBRADA PROFILA RAMA **FT-1200** ZA UGRADNJU PRAGA SA UMETKOM
BEARBEITUNG DES RAHMENPROFILS FT-1200 FÜR DIE SCHWELLENPROFILMONTAGE
MIT EINSATZ

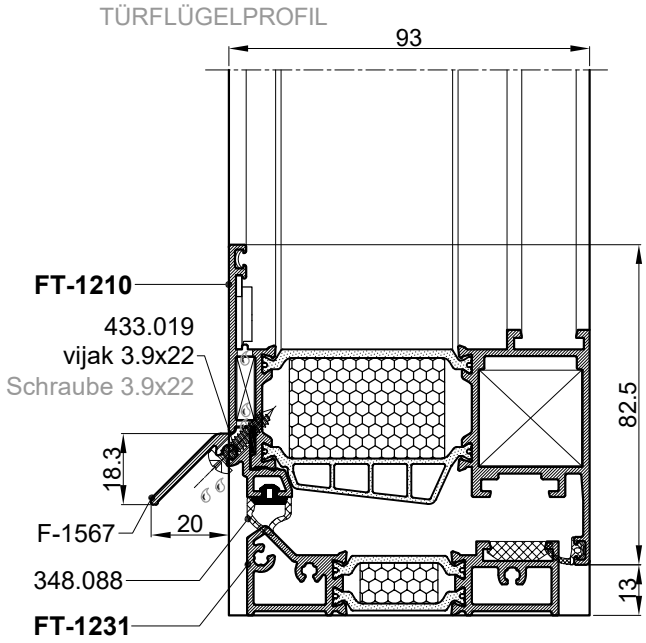


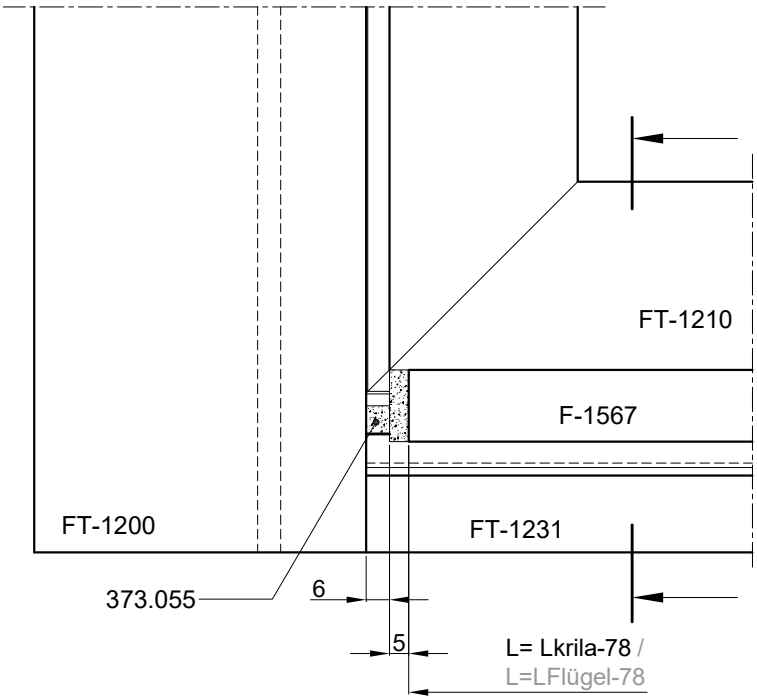



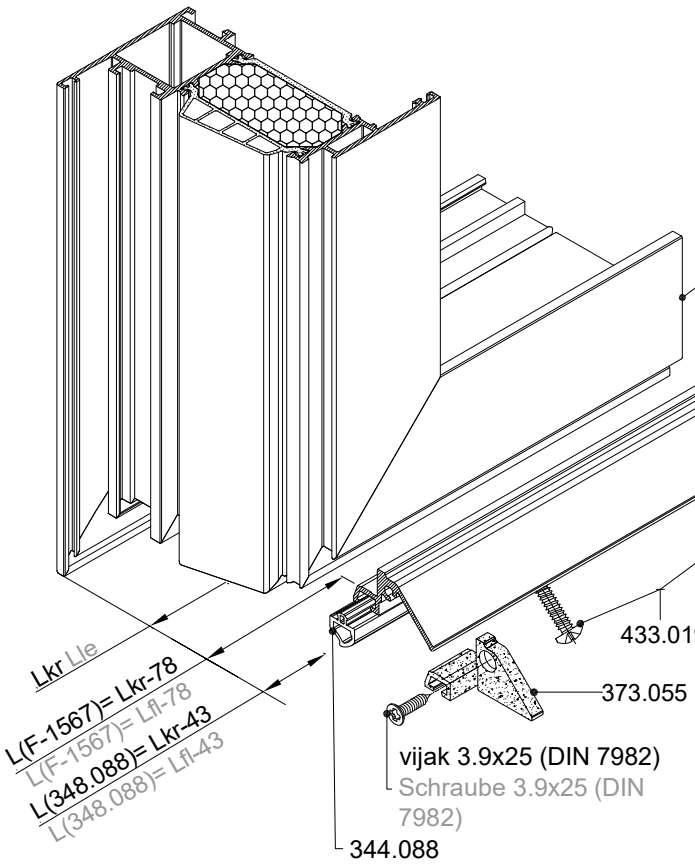



DETALJ UGRADNJE PROFILA OKAPNICE **F-1567** S BRTVOM PREMA PRAGU U PROFIL KRILA VRATA
DETAIL DER MONTAGE DES WETTERSCHENKELPROFILS **F-1567** MIT SCHWELLENDICHTUNG IM TÜRFLÜGELPROFIL

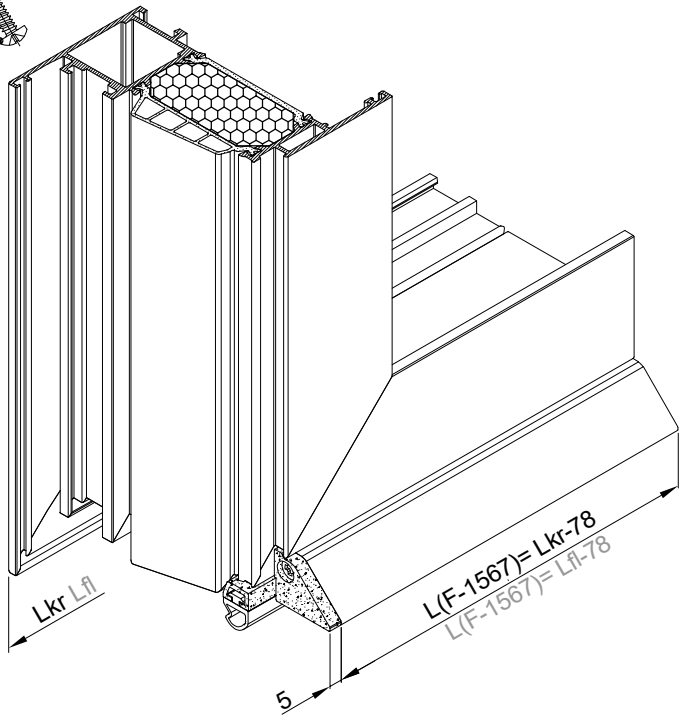


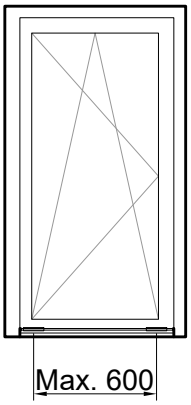




-Mjera pilanja profila okapnice:
L(F-1567) = Lkrila-78
-Kut pilanja: 90-90
-Nennmaß für Wetterschenkelprofil:
L(F-1567)= LFlügel-78
-Sägewinkel: 90-90

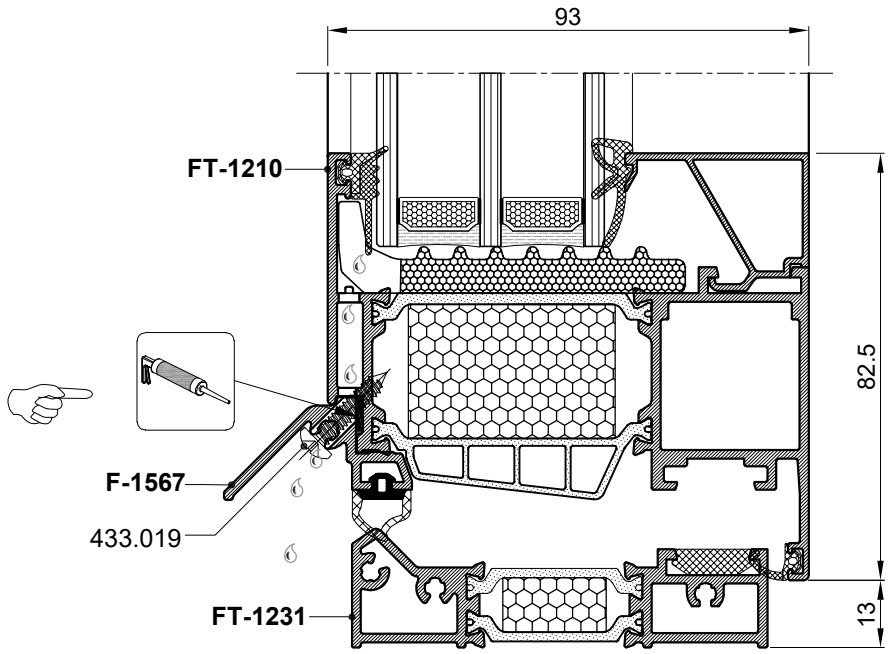
-Mjera pilanja brtve prema pragu:
L(348.088) = Lkrila-43
-Nennmaß für Schwellendichtung:
L(348.088) = LFlügel-43





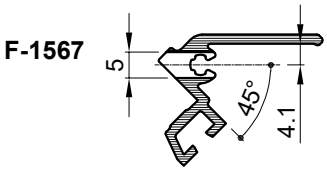

-Površine između profila krila vrata i okapnice, zbog propuštanja vode obavezno ispuniti ljepilom za metal, /npr. "Henkel" - *Teroson MS 939* /.
-Aufgrund von Wasseraustritt, Flächen zwischen Türflügelprofil und Wetterschenkelprofil, unbedingt mit Metallkleber füllen.
/z.B. "Henkel" - Teroson MS 939 /.

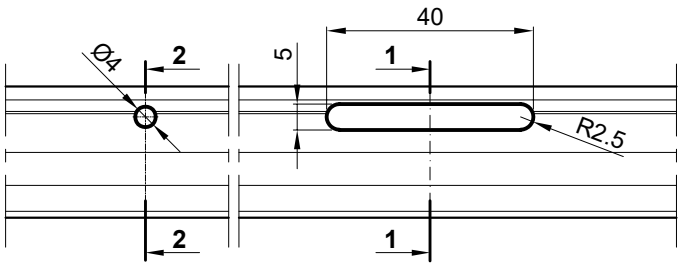
ODVOD KAPLJEVINA IZ PROFILA KRILA VRATA (otvaranje unutra)
ENTWÄSSERUNG DES TÜRFLÜGELPROFILS (einwärts öffnend)



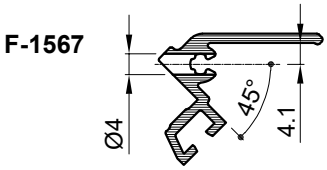

OBRADA NA PROFILU OKAPNICE F-1567
ZA ODVOD KAPLJEVINA IZ PROFILA KRILA VRATA I PRIHVAT VIJKA 433.019
BEARBEITUNG AUF DEM WETTERSCHENKELPROFIL F-1567
FÜR DIE ENTWÄSSERUNG DES TÜRFLÜGELPROFILS UND DIE SCHRAUBENAUFNAHME 433.019

PRESJEK 1-1
QUERSCHNITT 1-1

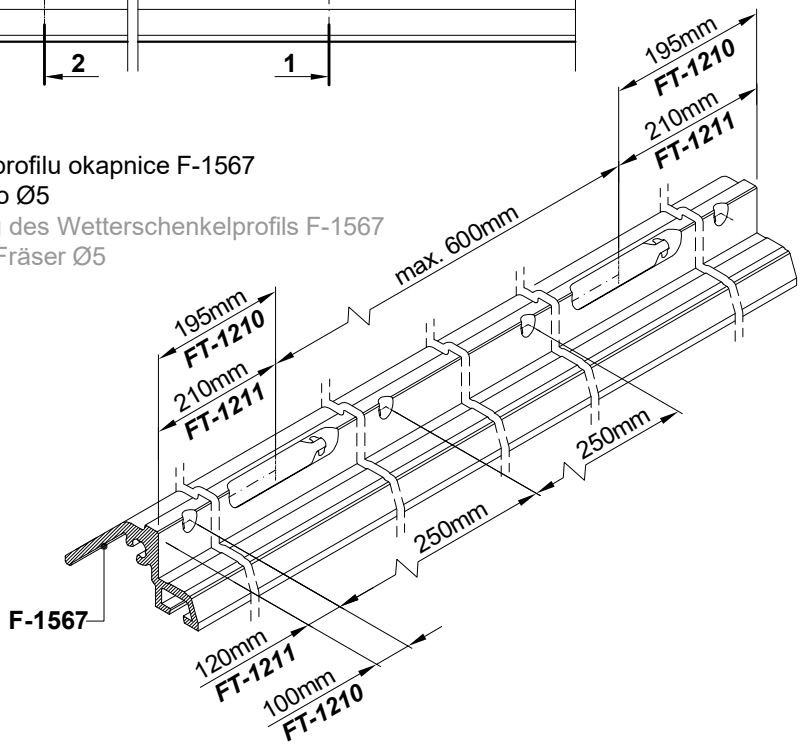


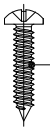




PRESJEK 2-2
QUERSCHNITT 2-2



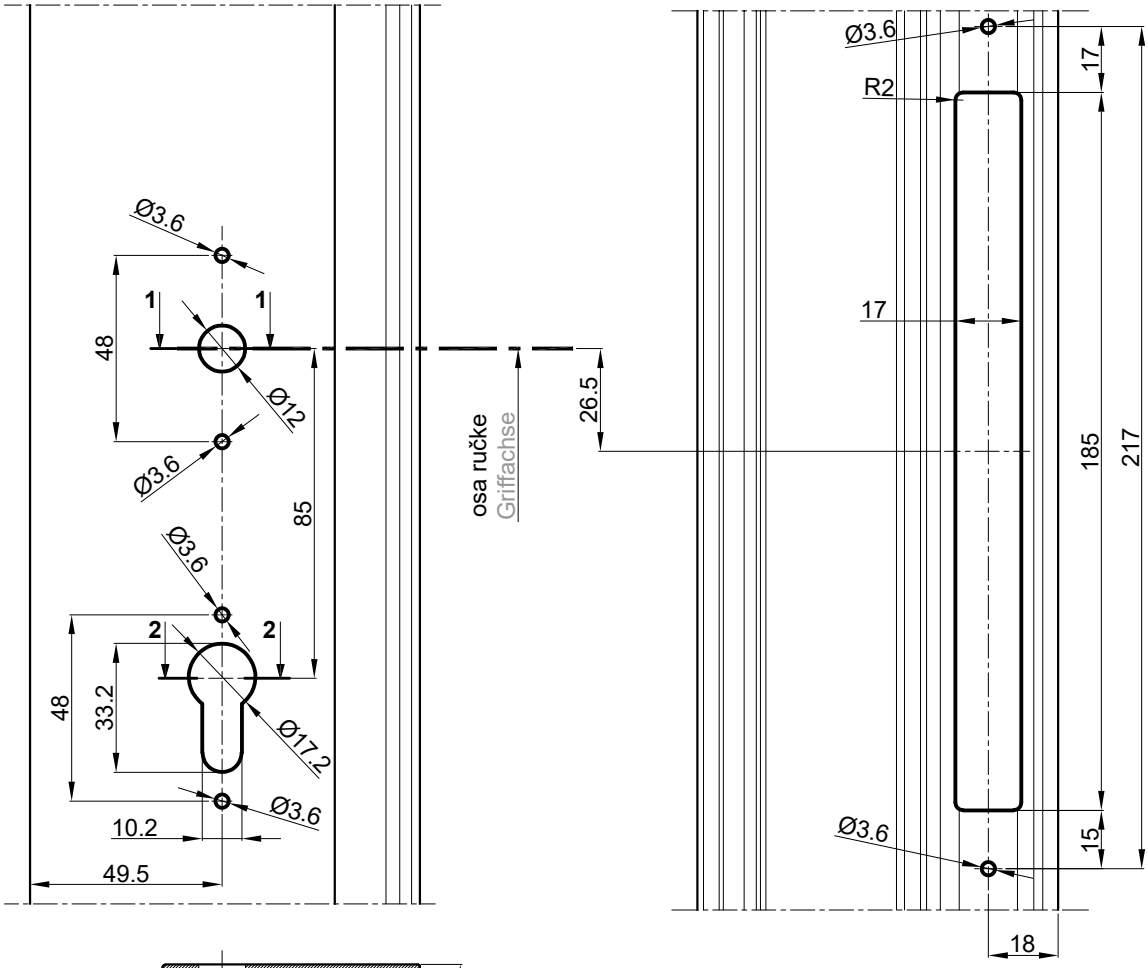

- Obrada na profilu okapnice F-1567
Alat: Glodalo Ø5
- Bearbeitung des Wetterschenkelprofils F-1567
Werkzeug: Fräser Ø5



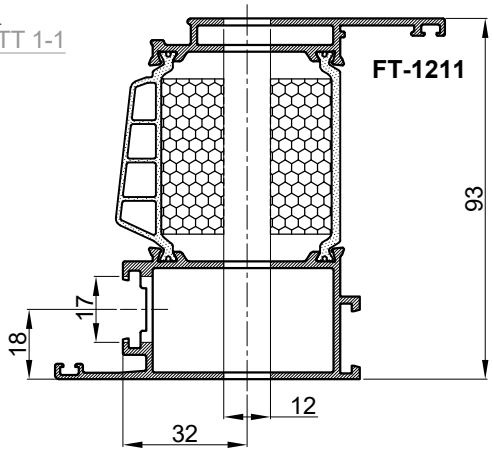



433.019
(vijak 3.9x22 DIN 7981
svaki cca 250mm)
(Schraube 3.9x22 DIN 7981
jede ca. 250mm)

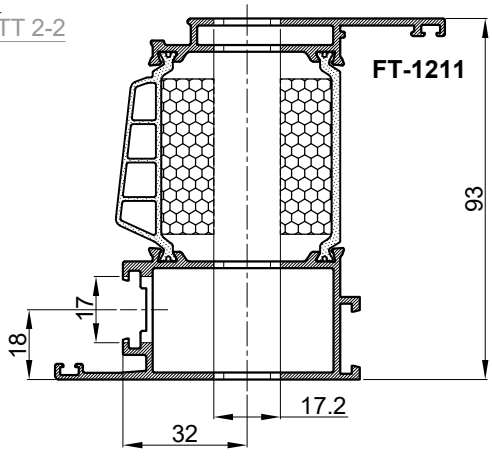
OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA BRAVU 124.001 I RUČKU 104.009 (Stublina)
BEARBEITUNG DES TÜRFLÜGELPROFILS (einwärts öffnend) FÜR SCHLOSS 124.001 UND GRIFF 104.009 (Stublina)

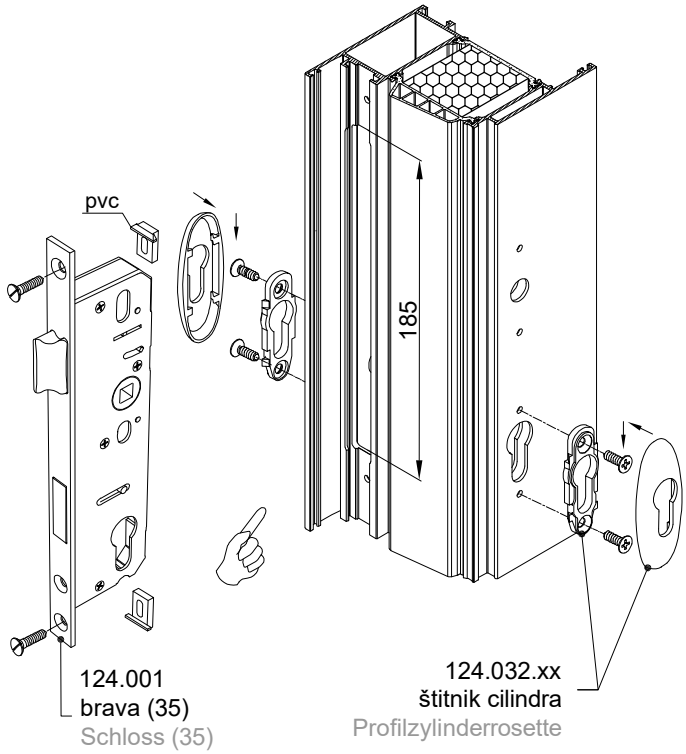



PRESJEK 1-1
QUERSCHNITT 1-1

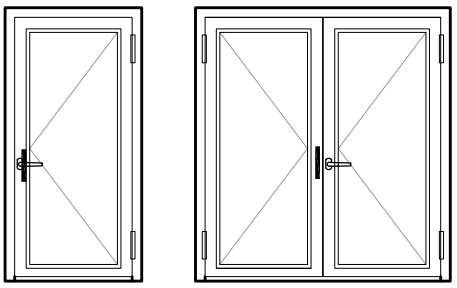


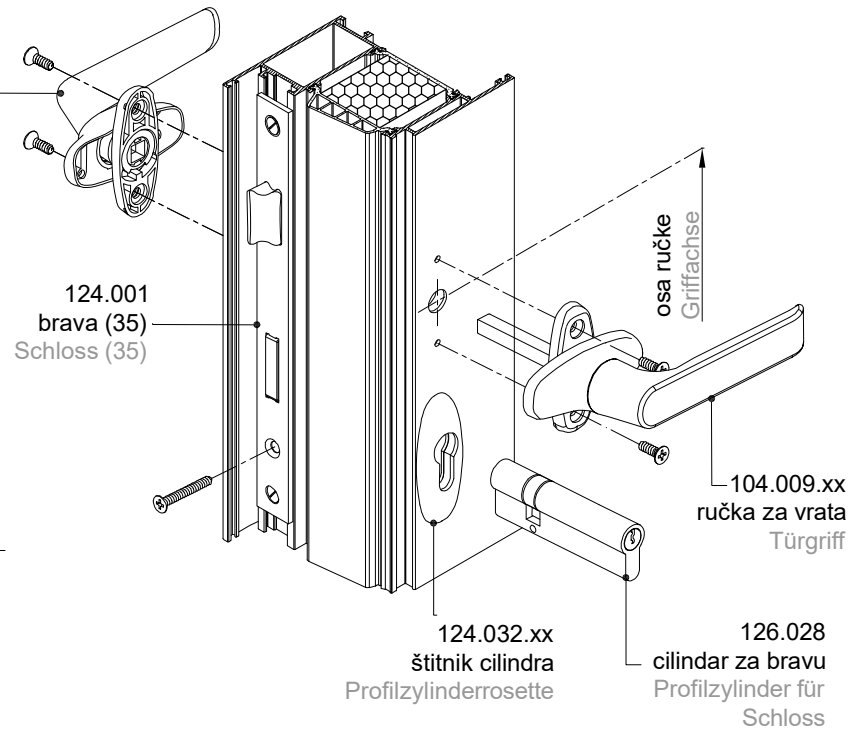

PRESJEK 2-2
QUERSCHNITT 2-2

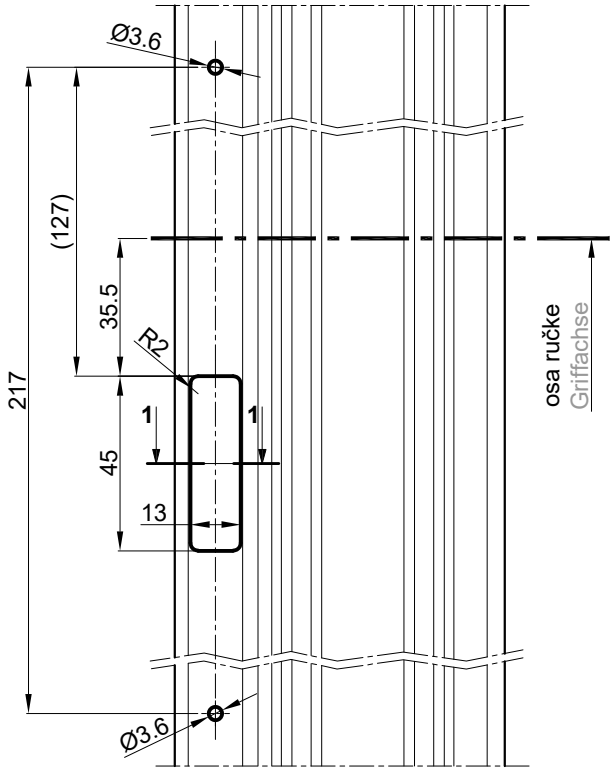


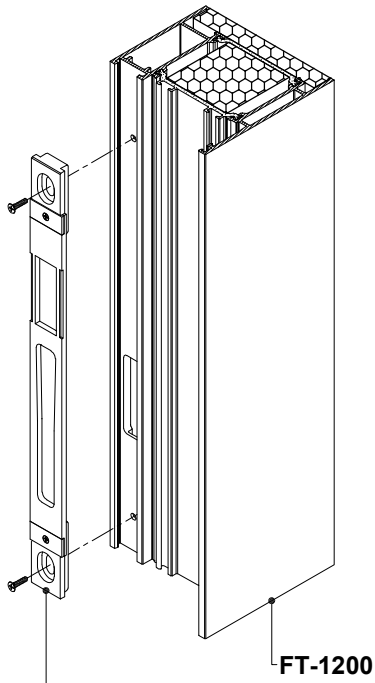



OBRADA PROFILA RAMA VRATA (otvaranje unutra) ZA PRIHVATNIK JEZIČKA BRAVE 124.003 (Stublina)
BEARBEITUNG DES TÜRRAHMENPROFILS (einwärts öffnend) FÜR SCHLIEßBLECH 124.003 (Stublina)

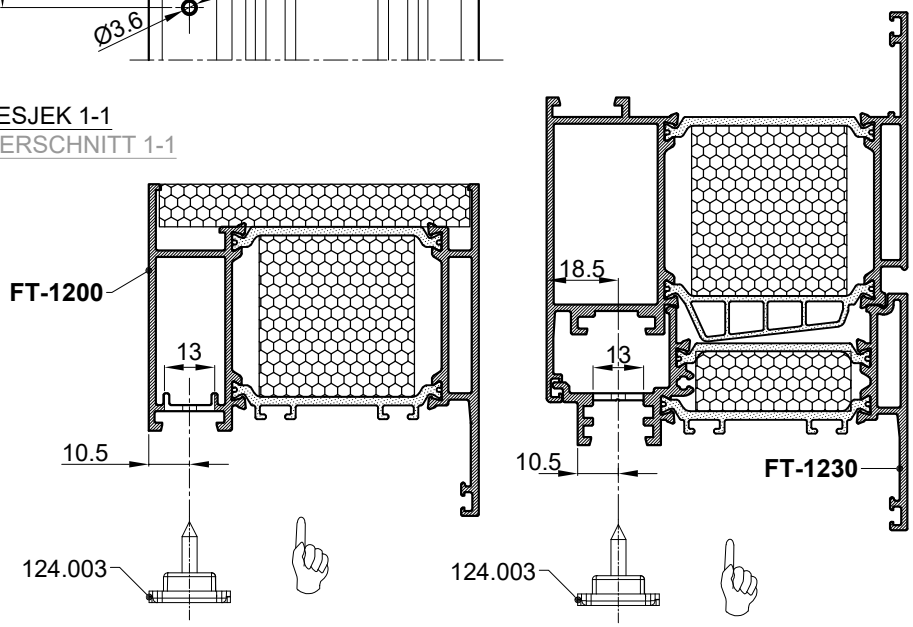




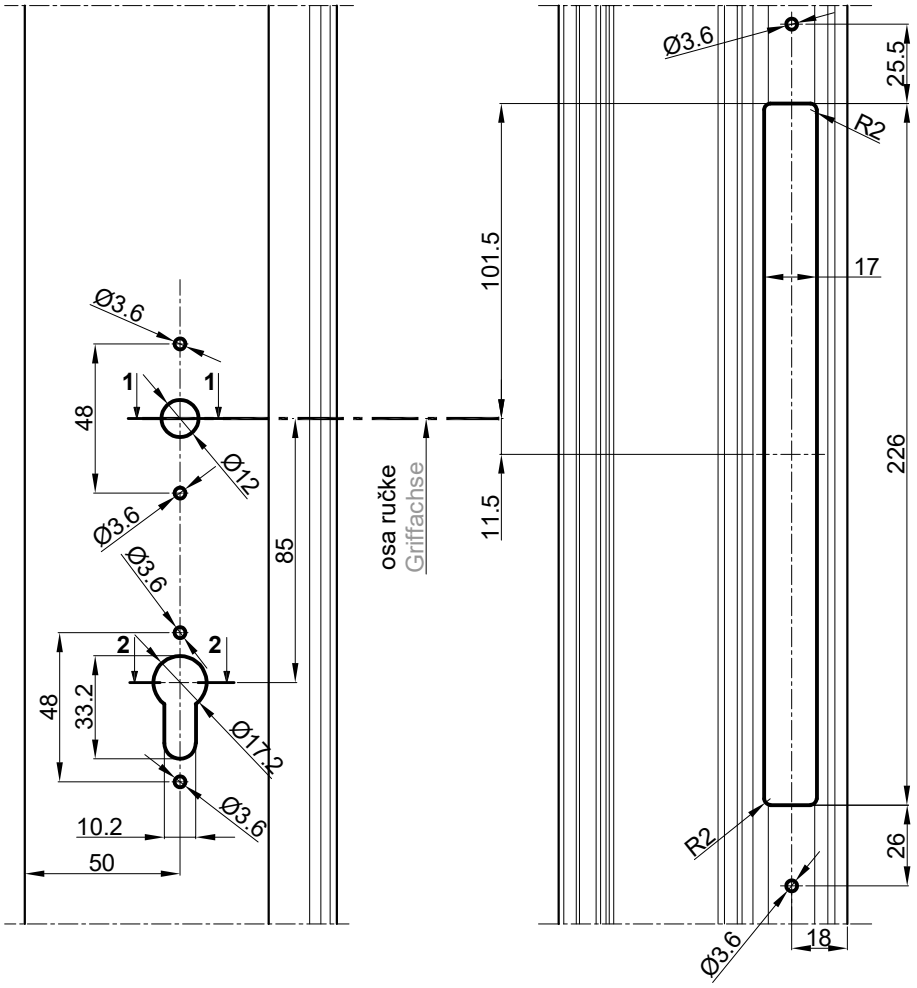



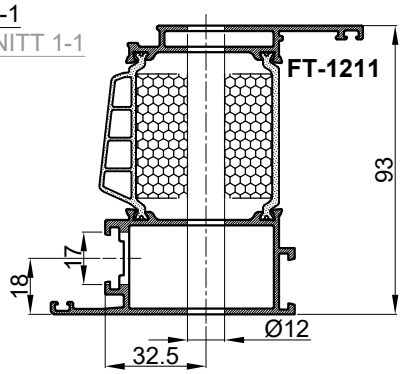

PRESJEK 1-1
QUERSCHNITT 1-1



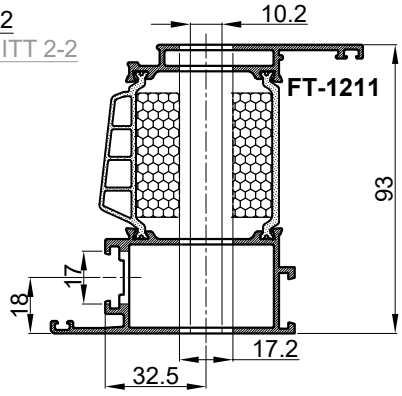
OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA BRAVU 124.042 I RUČKU 104.015 (Stublina)
BEARBEITUNG DES TÜRFLÜGELPROFILS (einwärts öffnend) FÜR SCHLOSS 124.042 UND GRIFF 104.015 (Stublina)

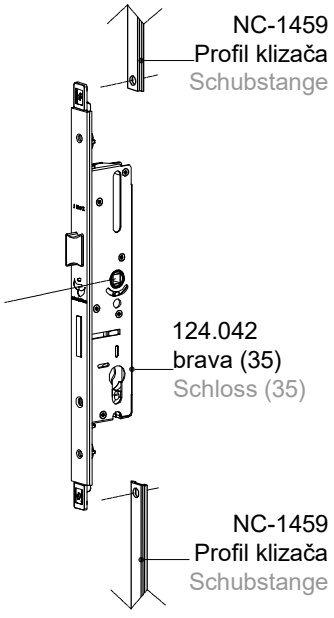



PRESJEK 1-1
QUERSCHNITT 1-1



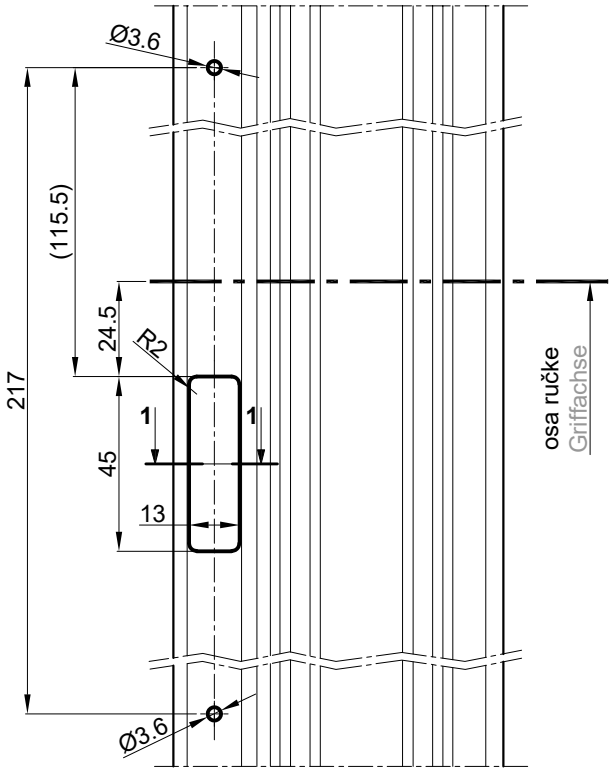

PRESJEK 2-2
QUERSCHNITT 2-2

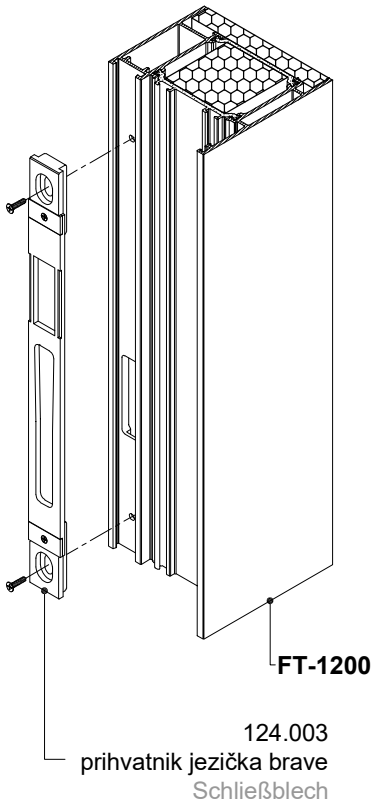


OBRADA PROFILA RAMA VRATA I PROFILA KOMBATUTE (otvaranje unutra) ZA PRIHVATNIK JEZIČKA BRAVE 124.003 (Stublina) - ZA BRAVU 124.042

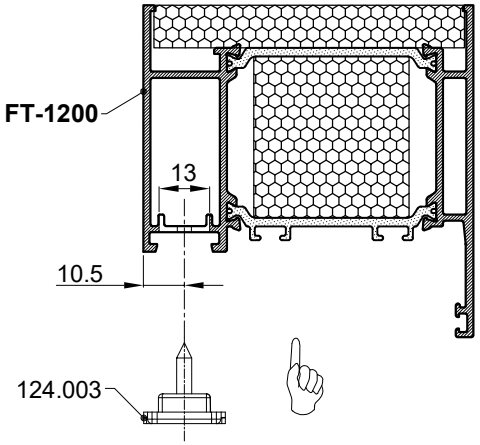
BEARBEITUNG DES TÜRFLÜGELPROFILS (einwärts öffnend) FÜR SCHLIEßBLECH 124.003 (Stublina) - FÜR SCHLOSS 124.042

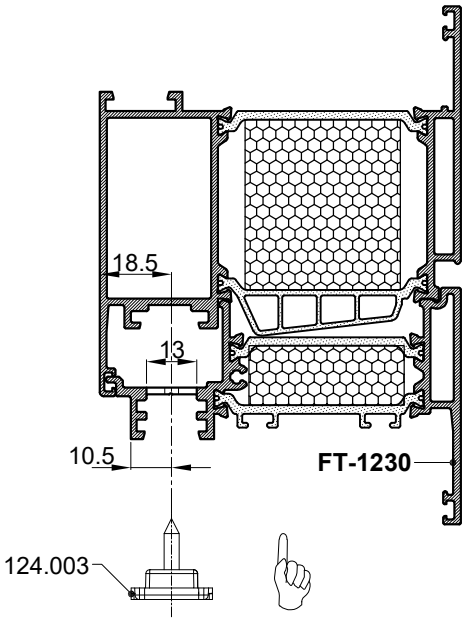


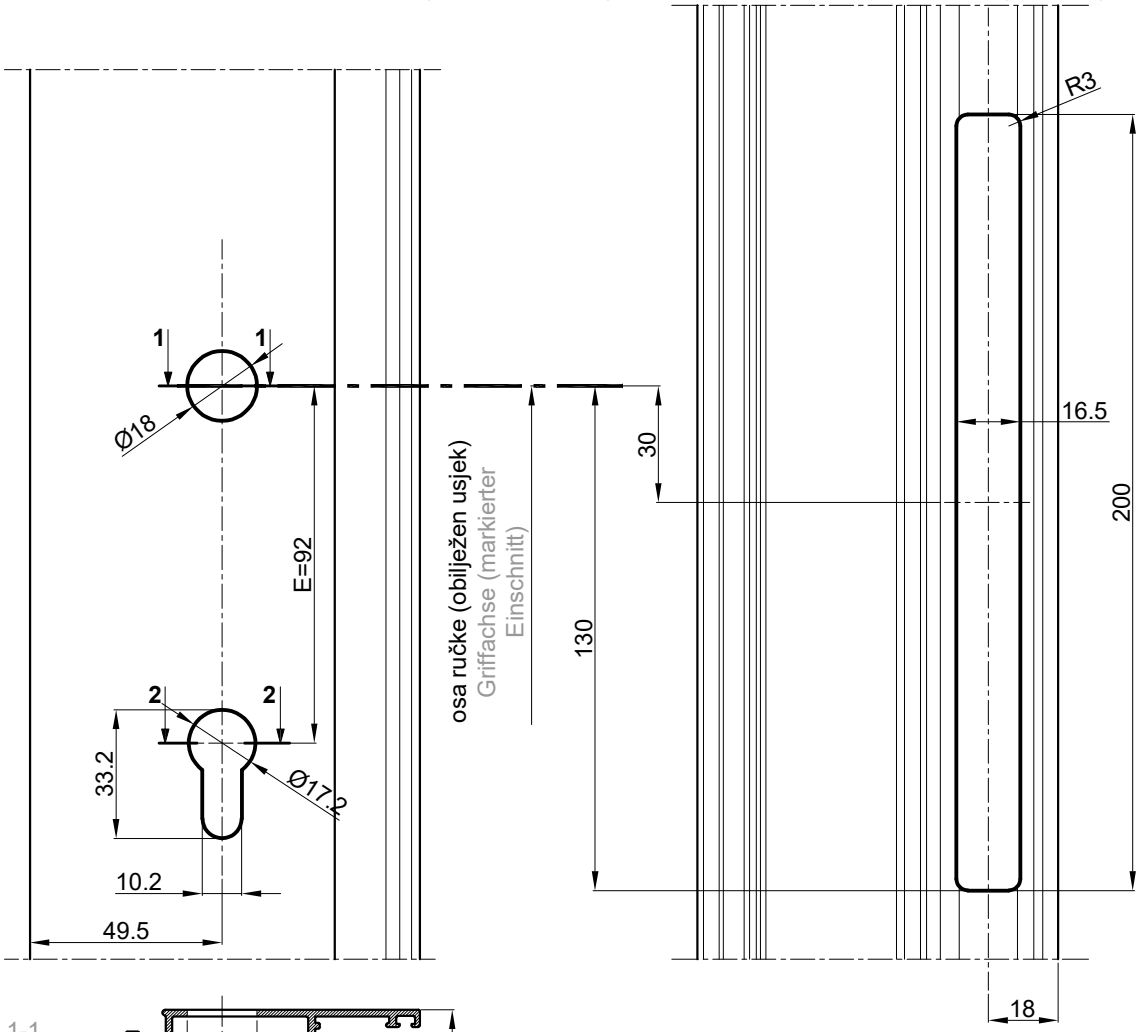

PRESJEK 1-1

QUERSCHNITT 1-1

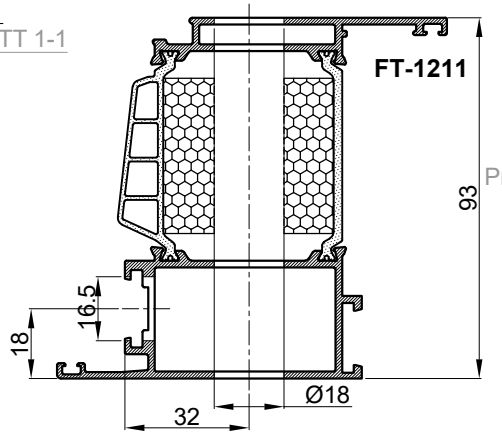


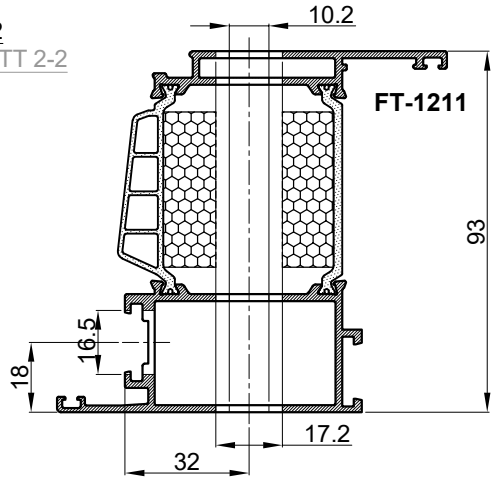
OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA KUTIJU BRAVE - 122.073 (GU-BKS)
BEARBEITUNG DES TÜRFLÜGELPROFILS (einwärts öffnend) FÜR SCHLOSSKASTEN - 122.073 (GU-BKS)

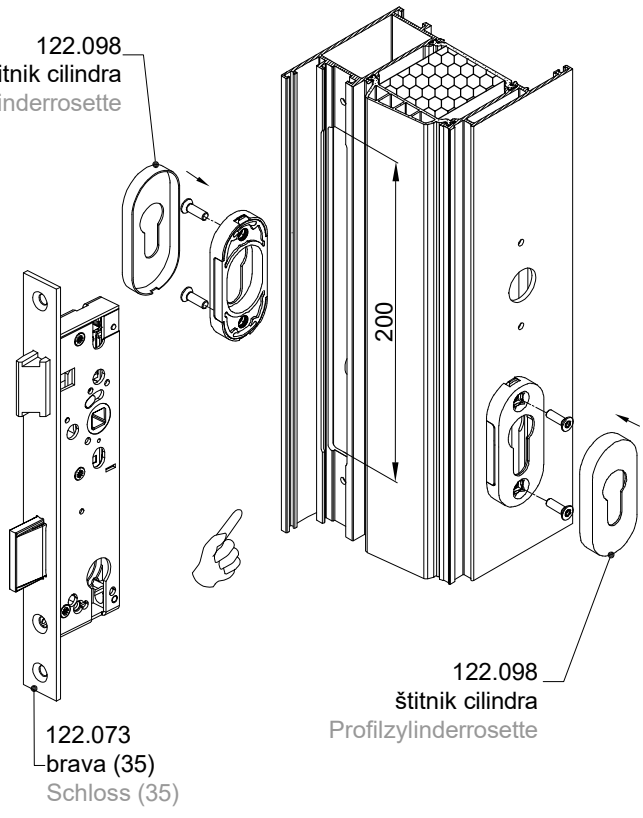



PRESJEK 1-1
QUERSCHNITT 1-1

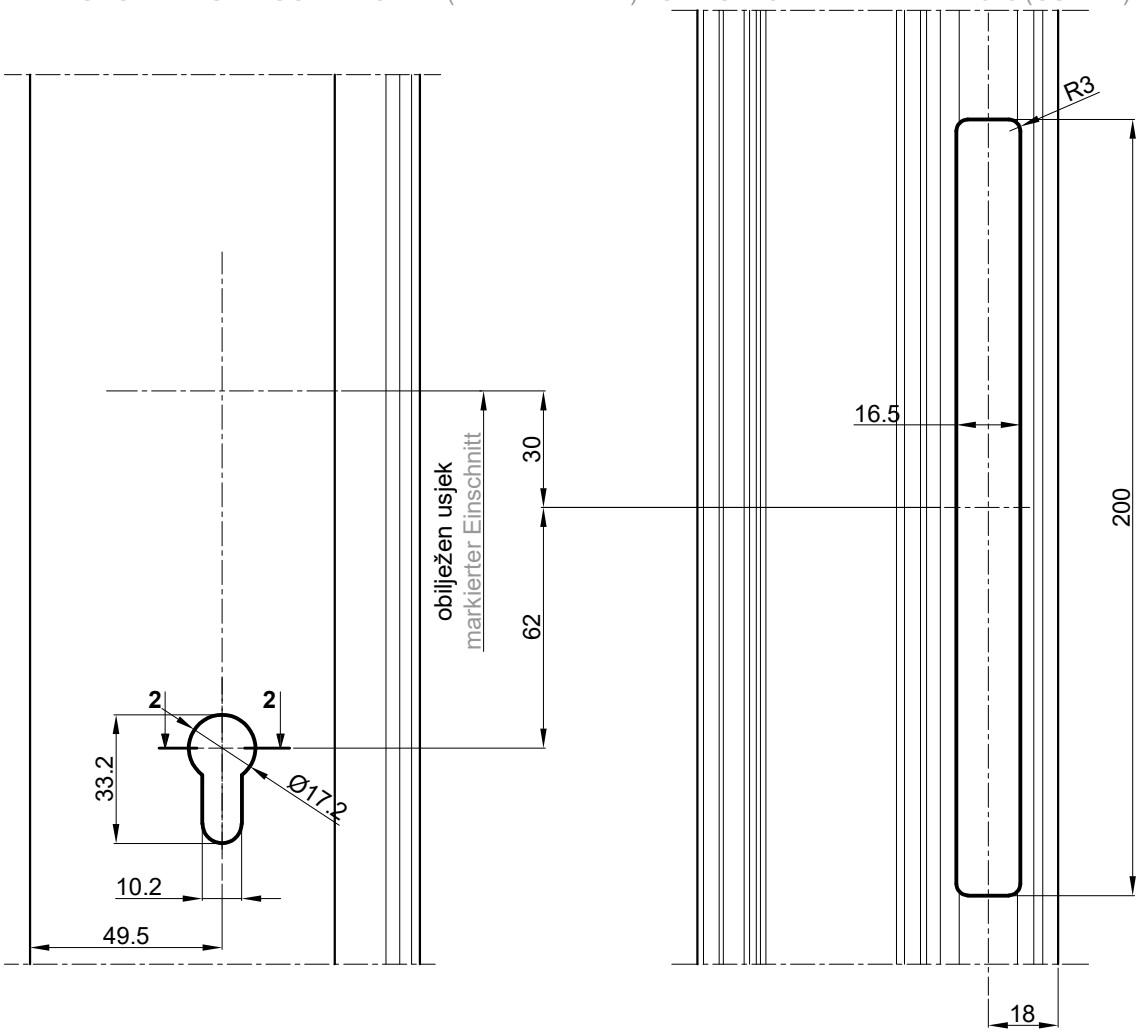



PRESJEK 2-2
QUERSCHNITT 2-2

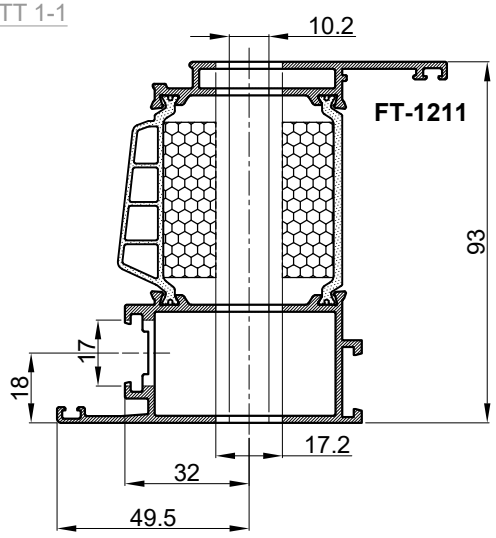


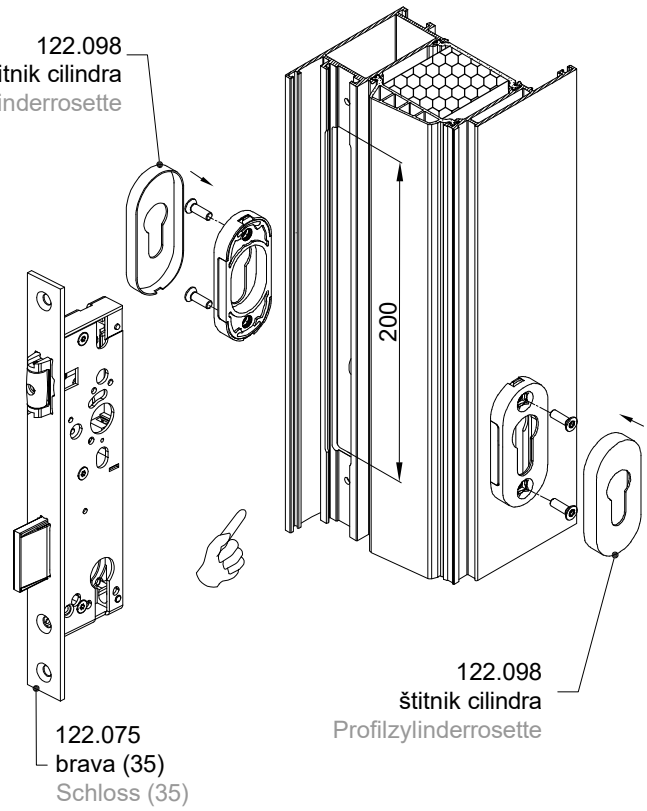



OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA KUTIJU BRAVE - 122.075 (GU-BKS)
BEARBEITUNG DES TÜRFLÜGELPROFILS (einwärts öffnend) FÜR SCHLOSSKASTEN - 122.075 (GU-BKS)

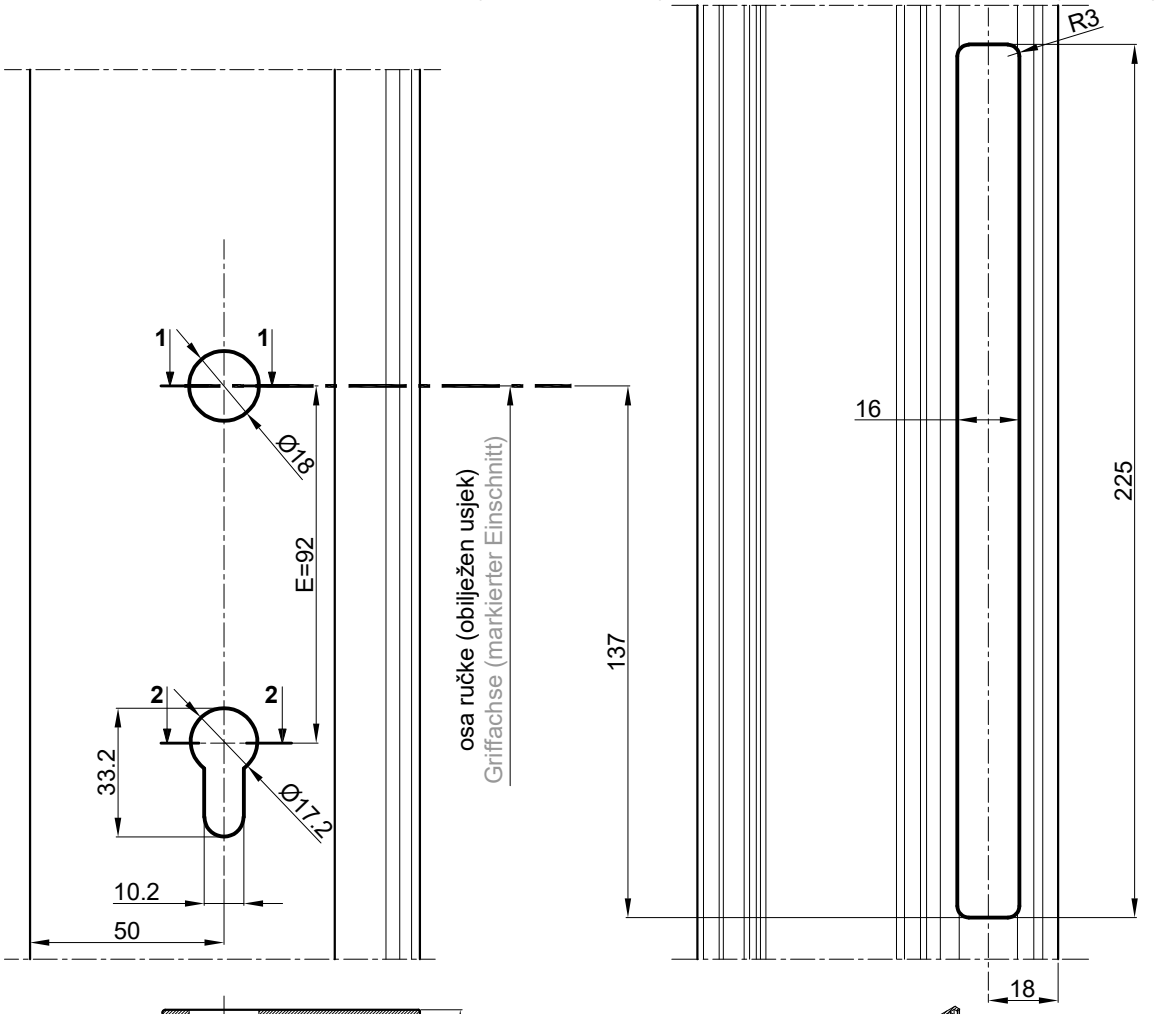



PRESJEK 1-1
QUERSCHNITT 1-1

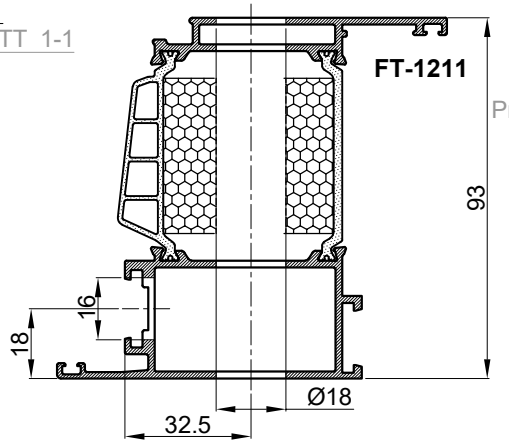


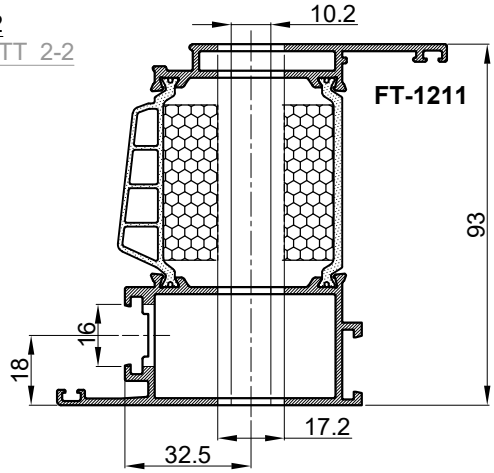
OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA KUTIJU BRAVE - 122.052 (GU Secury MR2)
BEARBEITUNG DES TÜRFLÜGELPROFILS (einwärts öffnend) FÜR SCHLOSSKASTEN - 122.052 (GU-BKS)

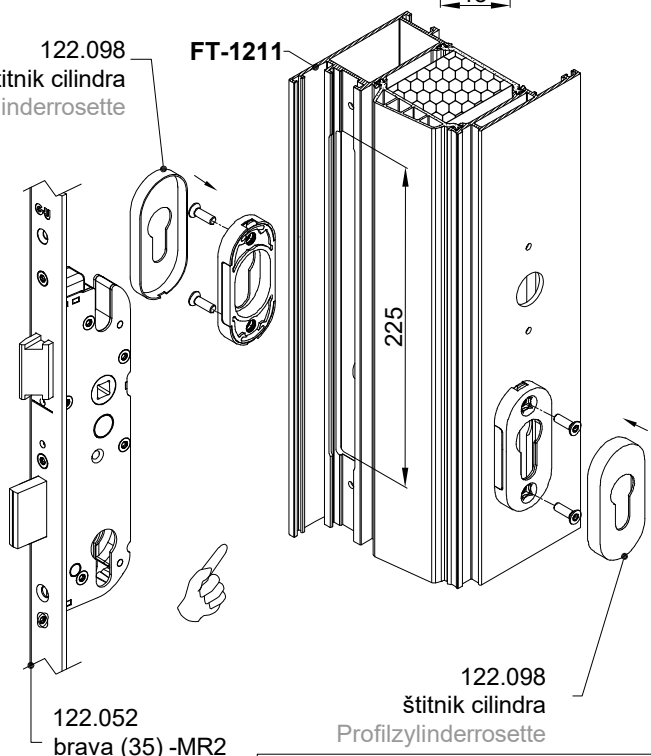



PRESJEK 1-1
QUERSCHNITT 1-1



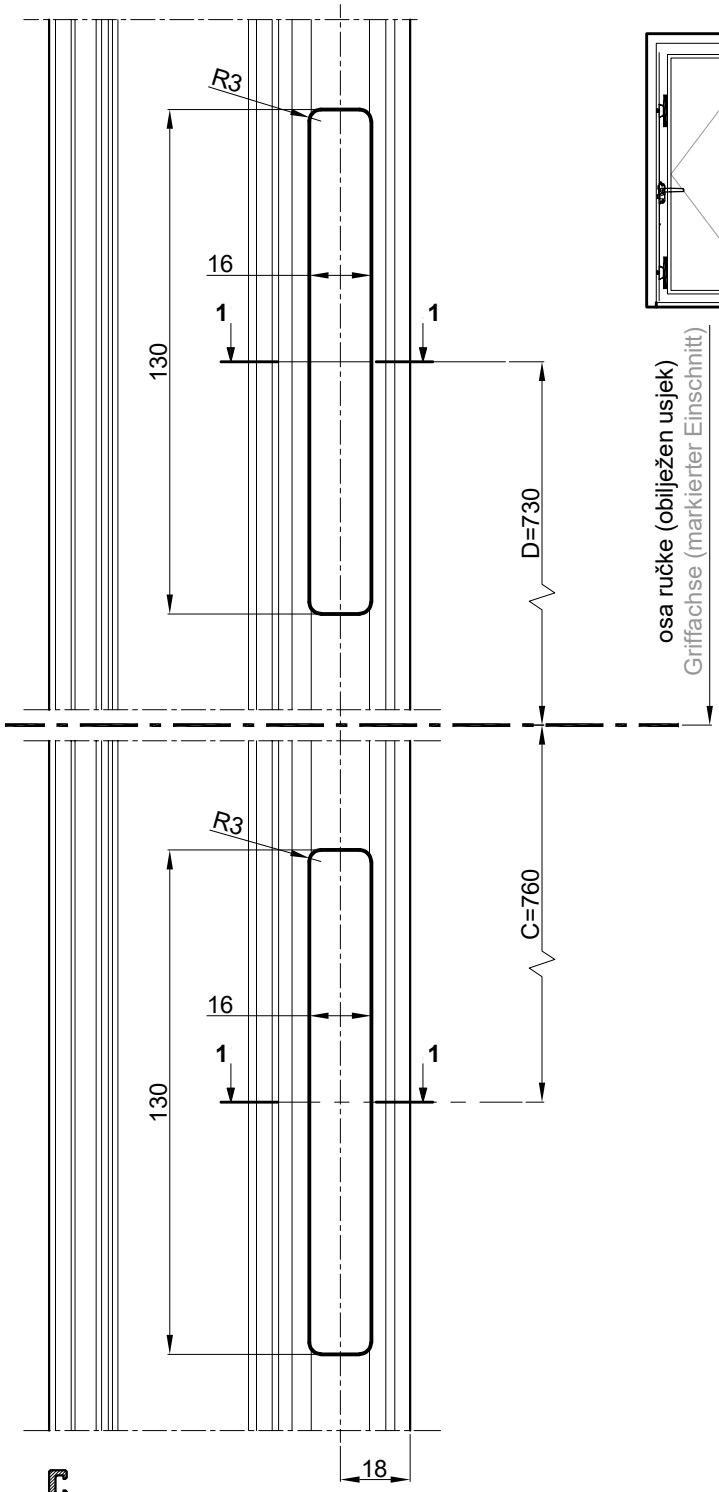

PRESJEK 2-2
QUERSCHNITT 2-2

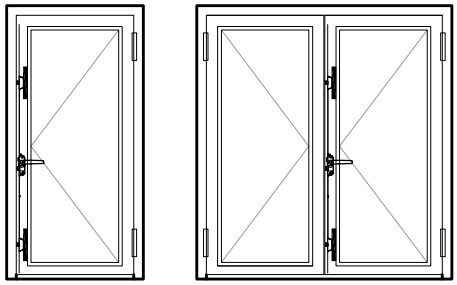


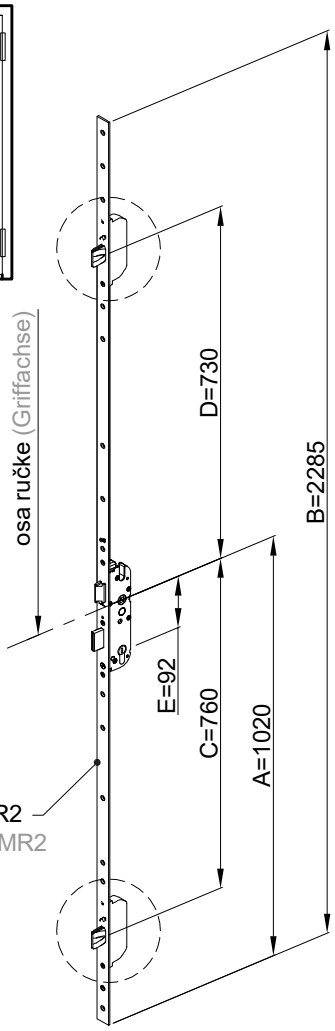



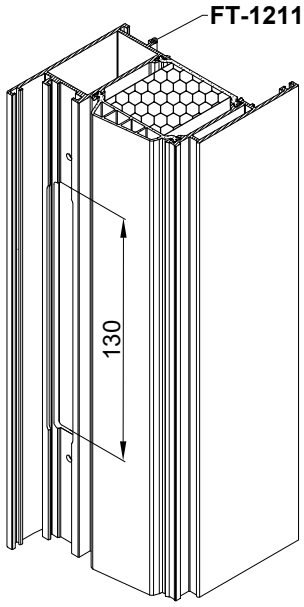

Napomena: Obrada profila je ista i za bravu 122.071 - GU Secury (SECA).
Anmerkung: Die Profilbearbeitung ist für das Schloss 122.071 -GU Secury (SECA) gleich.

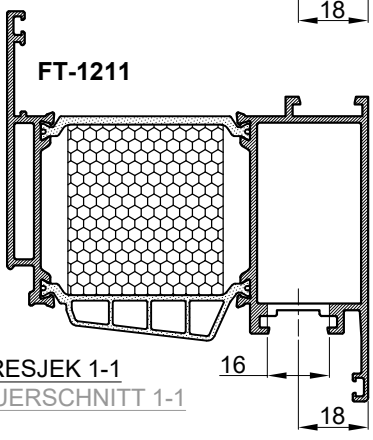
OBRADA PROFILA KRILA VRATA (otvaranje unutra) ZA KUTIJU MASIVNOG ZASUNA - 122.052 (GU Secury MR2)
BEARBEITUNG DES TÜRFLÜGELPROFILS (einwärts öffnend) FÜR MASSIVRIEGELKASTEN - 122.052 (GU)



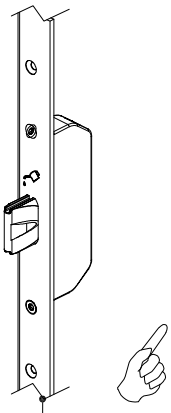





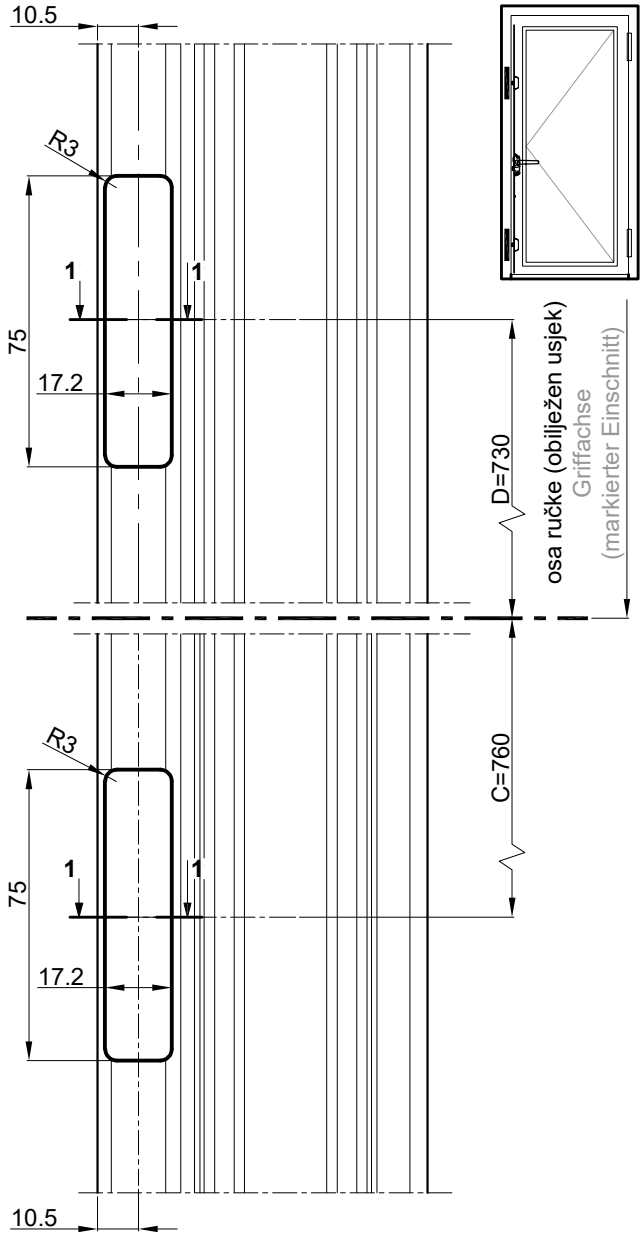

PRESJEK 1-1
QUERSCHNITT 1-1

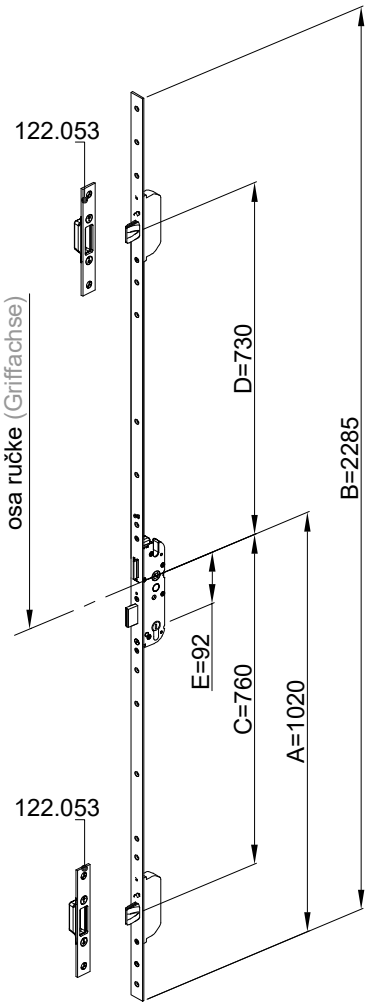


122.052
brava (35) -MR2
Schloss (35) -MR2

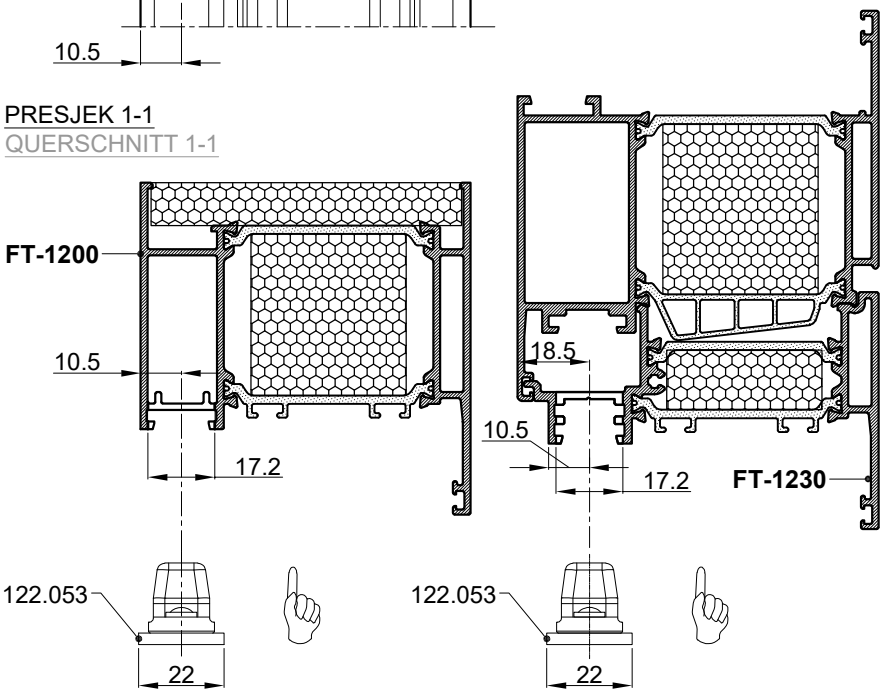
Napomena: Obrada profila je ista i za kutiju automatskog zasuna na bravi 122.071 - GU Secury (SECA).
Anmerkung: Die Profilbearbeitung ist für das Schloss 122.071 -GU Secury (SECA) gleich.

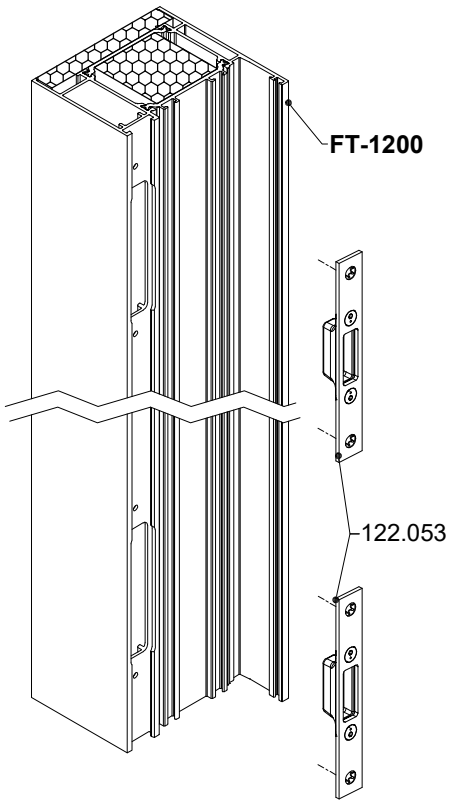
OBRADA PROFILA RAMA VRATA I PROFILA KOMBATUTE (otvaranje unutra) ZA PRIHVATNU PLOČICU 122.053 (GU)
PBEARBEITUNG DES TÜRFLÜGELPROFILS UND STULPPROFILS (einwärts öffnend) FÜR SCHLIEßPLATTE 122.053 (GU)



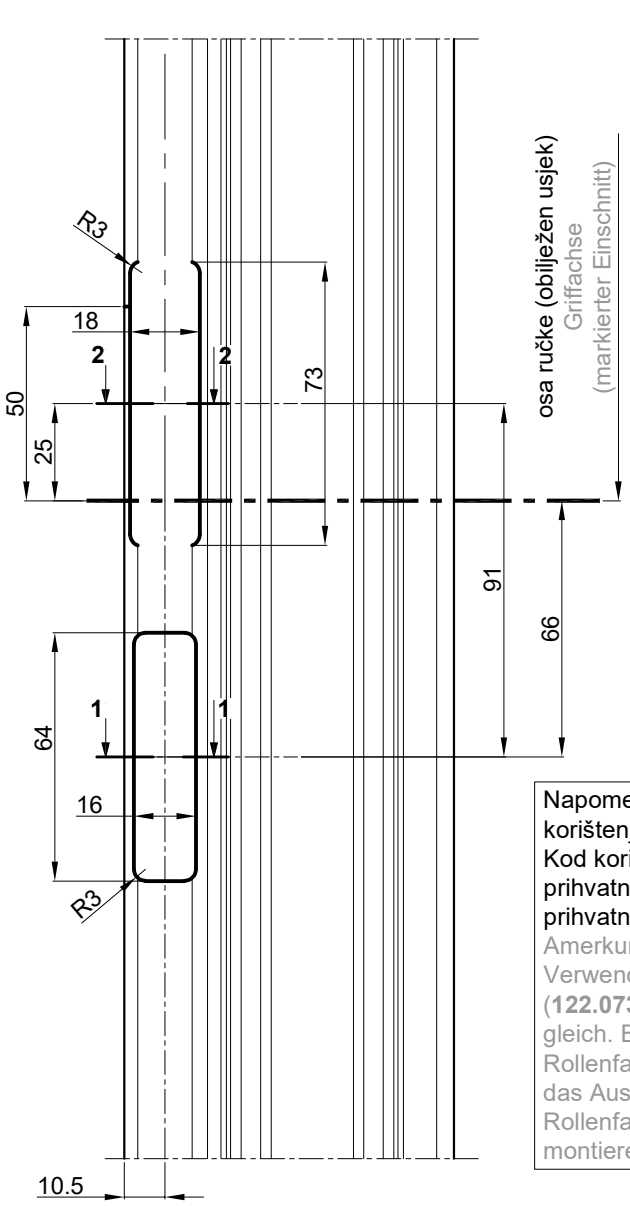



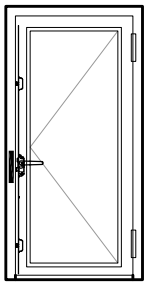

PRESJEK 1-1
QUERSCHNITT 1-1

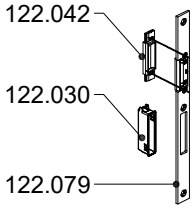


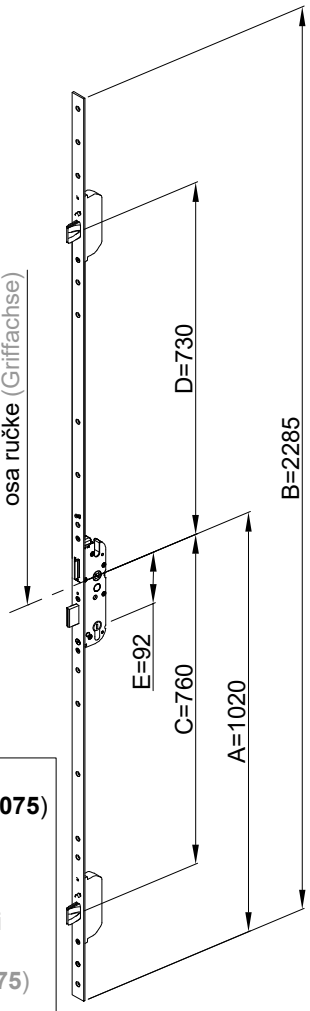



OBRADA PROFILA RAMA VRATA (otvaranje unutra) ZA PRIHVATNI LIM 122.079 (GU)
BEARBEITUNG DES TÜRRAHMENPROFILS (einwärts öffnend) FÜR SCHLIEßBLECH 122.079 (GU)



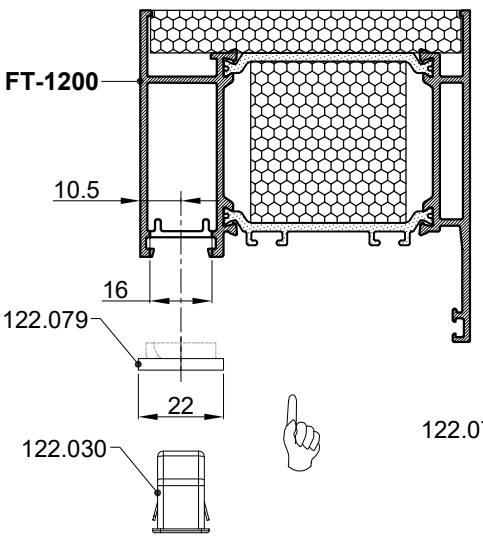





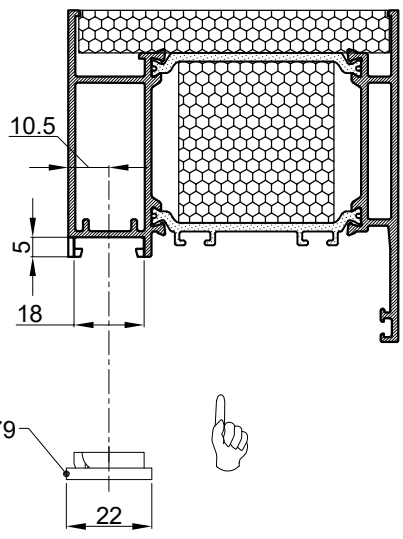



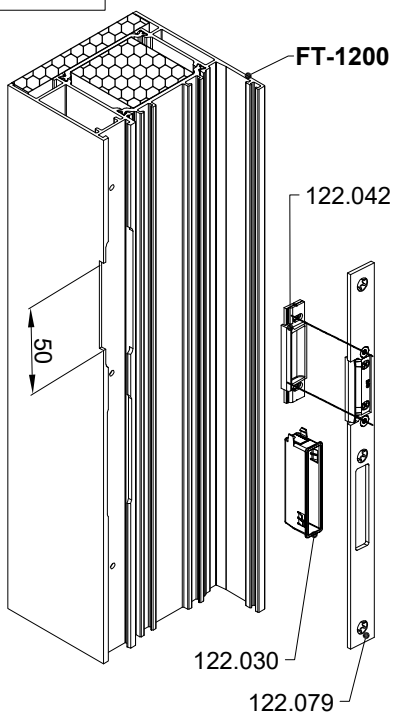

Napomene: Obrada profila je ista i kod korištenja kratkih brava (**122.073** i **122.075**)
Kod korištenja brave s valjkom na prihvatnik 122.079 je potrebno ugraditi prihvatni dio za valjak 122.042.
Amerkung: Die Profilbearbeitung ist bei Verwendung von Rohrrahmenschloss (**122.073**) und Rollfallenschloss (**122.075**) gleich. Bei Verwendung des Rollenfallenschlosses ist es erforderlich, das Austauschstück 122.042 für die Rollenfalle ans Schließblech 122.079 zu montieren.

PRESJEK 1-1
QUERSCHNITT 1-1

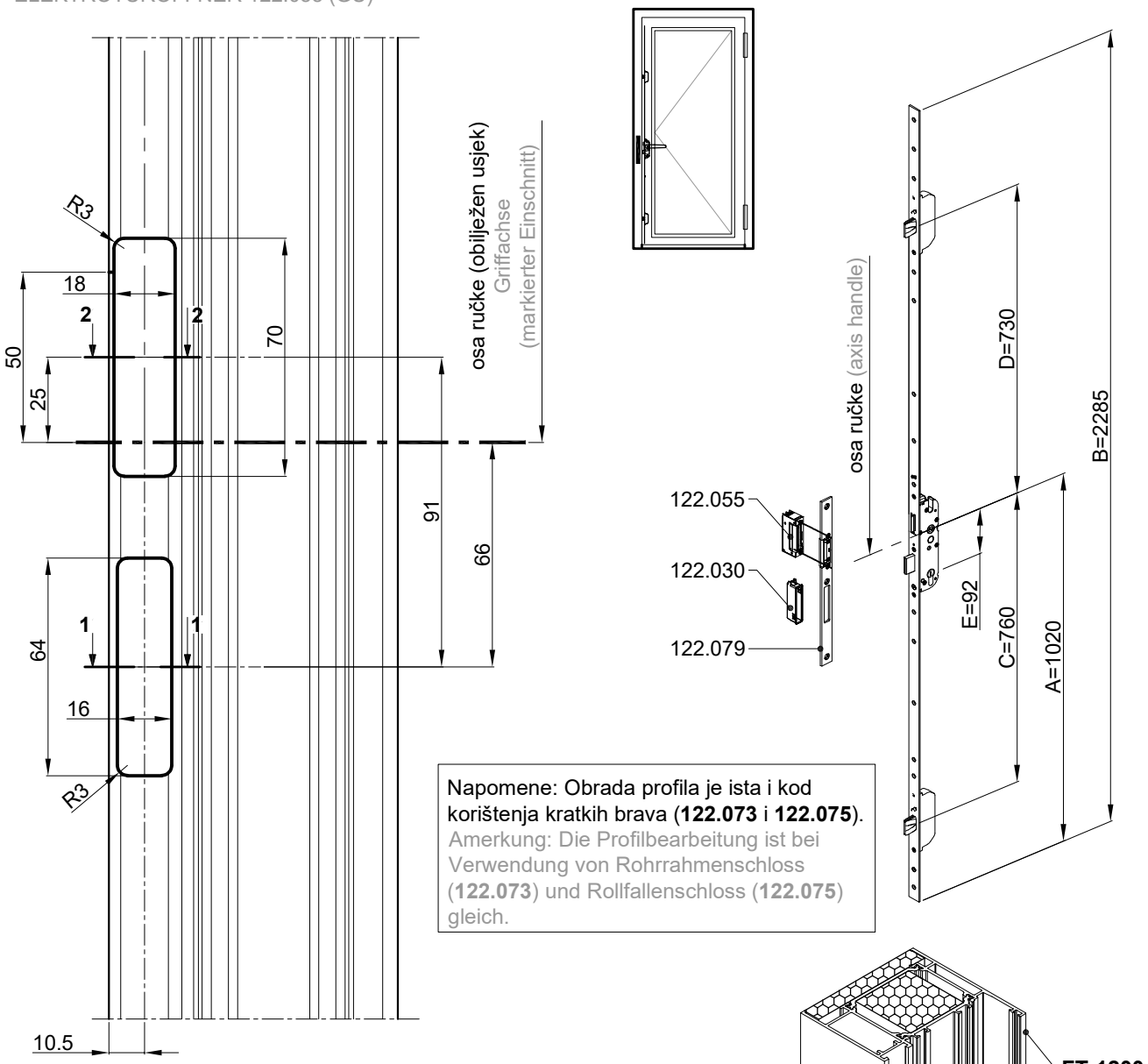



PRESJEK 2-2
QUERSCHNITT 2-2



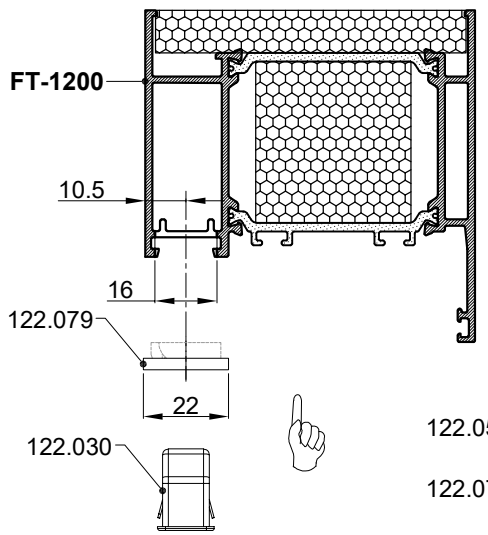



OBRADA PROFILA RAMA VRATA (otvaranje unutra) ZA PRIHVATNI LIM 122.079 I ELEKTRO OTVARAČ 122.055 (GU)
BEARBEITUNG DES TÜRRAHMENPROFILS (einwärts öffnend) FÜR SCHLIEßBLECH 122.079 (GU) UND ELEKTROTÜRÖFFNER 122.055 (GU)

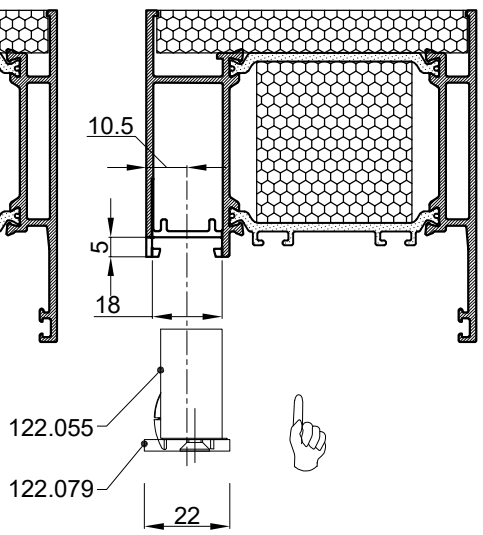


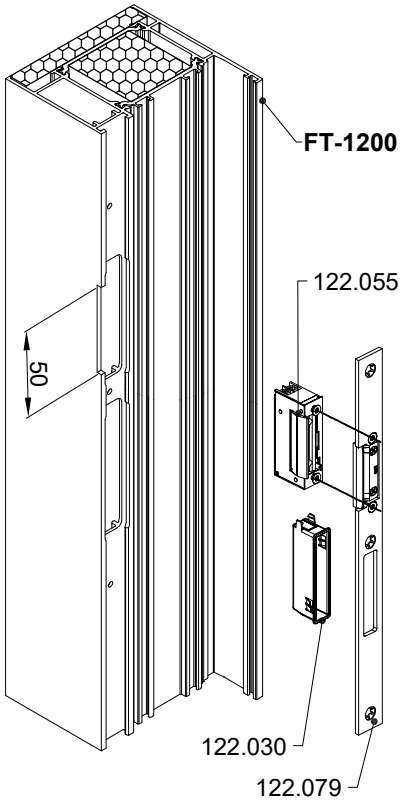

Napomene: Obrada profila je ista i kod korištenja kratkih brava (**122.073** i **122.075**).
Amerkung: Die Profilbearbeitung ist bei Verwendung von Rohrrahmenschloss (**122.073**) und Rollfallenschloss (**122.075**) gleich.

PRESJEK 1-1
QUERSCHNITT 1-1

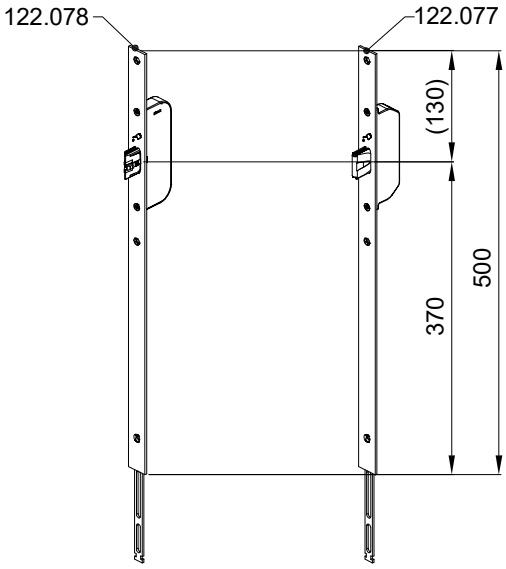



PRESJEK 2-2
QUERSCHNITT 2-2



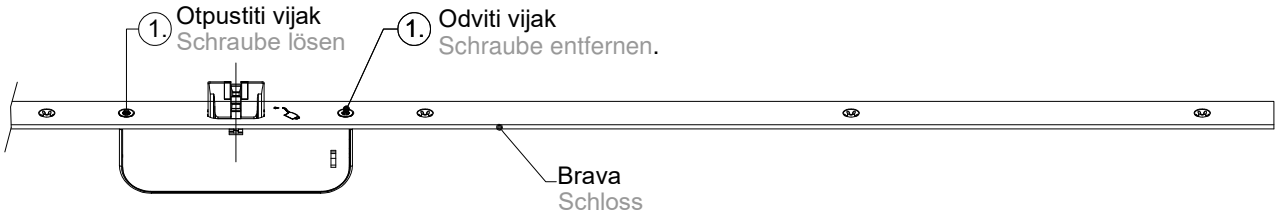
POSTUPAK UGRADNJE PRODUŽETKA NA BRAVE 122.052 (GU Secury -MR2) I 122.071 (GU Secury Automatic-SECA)
MONTAGE DER VERLÄNGERUNG MIT ZUSATZVERRIEGELUNG AN DIE SCHLÖSSER 122.052 (GU Secury -MR2) UND 122.071 (Secury Automatic-SECA)

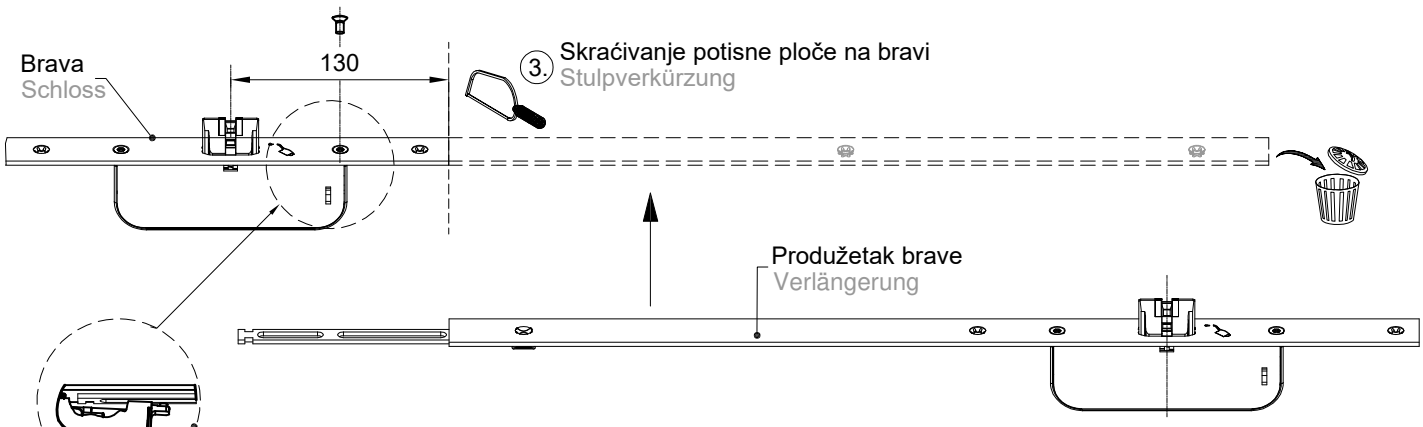



Produžetak brave
Secury Automatic-SECA
Verlängerung Automatic -SECA

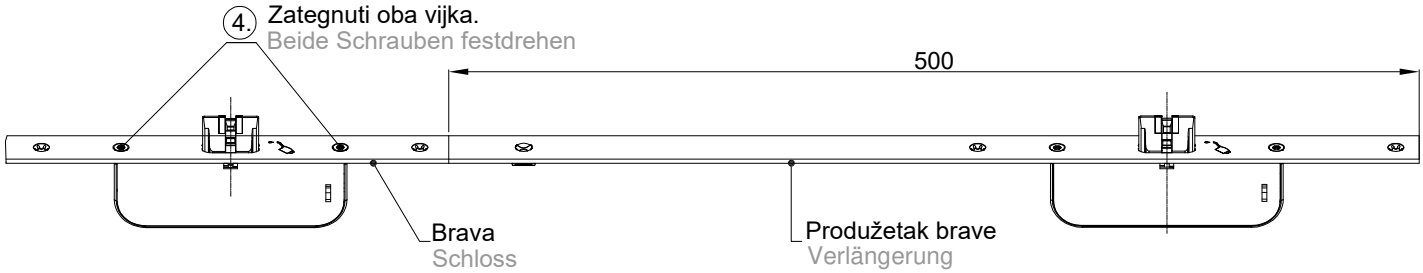
Produžetak brave
MR2
Verlängerung für MR2 Schloss

Postupak ugradnje je isti za oba produžetka.
Die Montage ist für beide Verlängerungen gleich.

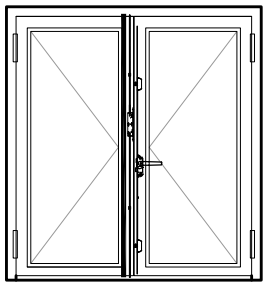



2. Zakačiti pogonsku šipku produžetka brave na predviđeno mjesto u kutiji zasuna brave i obilježiti mjesto skraćivanja potisne ploče na bravi (130 mm).
Zugstange in die Kupplungsplatte einhängen.und die Stelle der Stulpverkürzung markieren (130 mm).



## KLJUČANJE POMOĆNOG KRILA
STULPFLÜGELVERRIEGELUNG



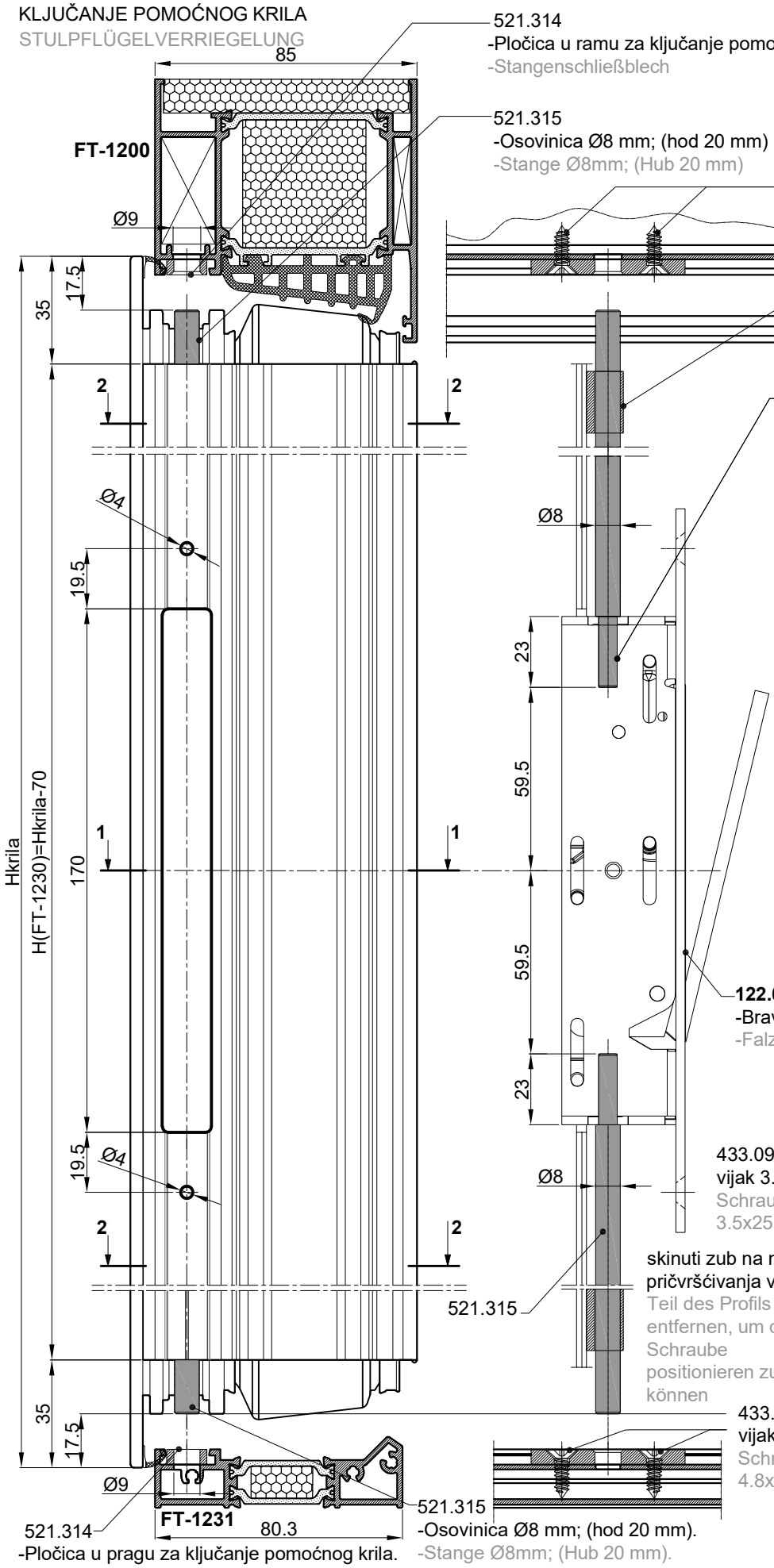
521.314
-Pločica u ramu za ključanje pomoćnog krila.
-Stangenschließblech

521.315
-Osovinica Ø8 mm; (hod 20 mm)
-Stange Ø8mm; (Hub 20 mm)

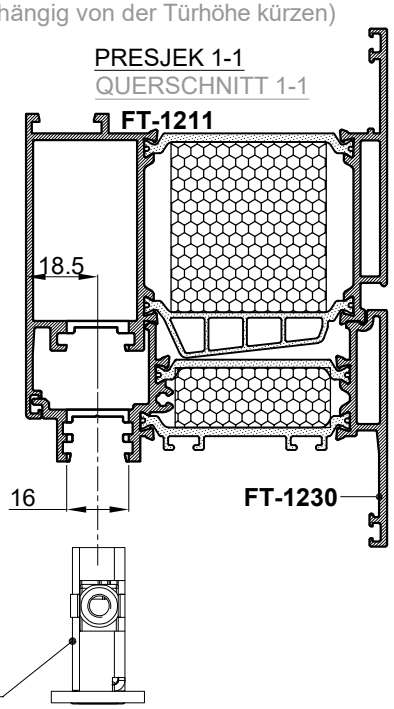
433.129
vijak 4.8x16
Schraube
4.8x16

521.312
-Usmjerivač osovinice Ø8mm.
-Stangenführungsstück Ø8mm.

521.315 Osovinica Ø8 mm L=2000 mm
(Skratiti ovisno o visini vrata)
521.315 Stange Ø8 mm L=2000 mm
(Abhängig von der Türhöhe kürzen)

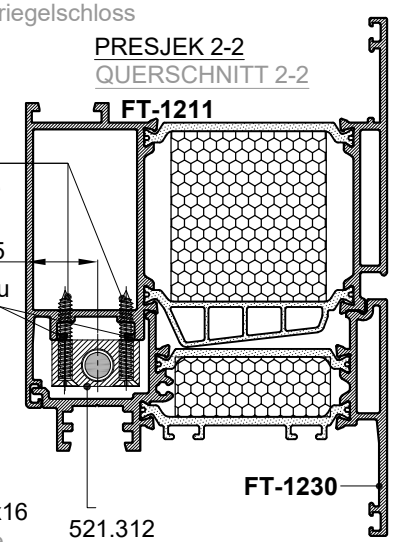



PRESJEK 1-1
QUERSCHNITT 1-1




**122.057**
-Bravica za ključanje pomoćnog krila
-Falztreibriegelschloss

PRESJEK 2-2
QUERSCHNITT 2-2

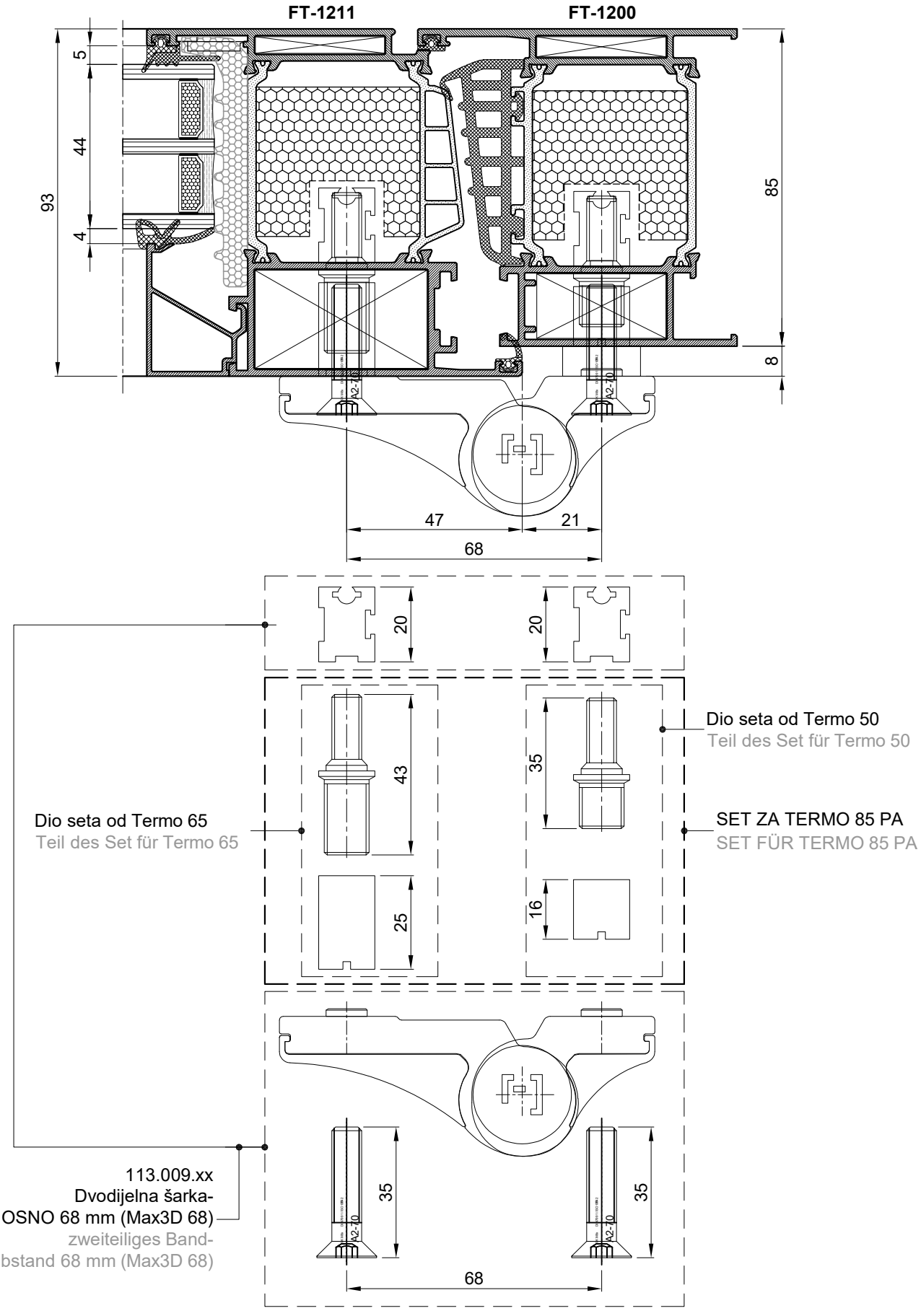



433.095
vijak 3.5x25
Schraube
3.5x25

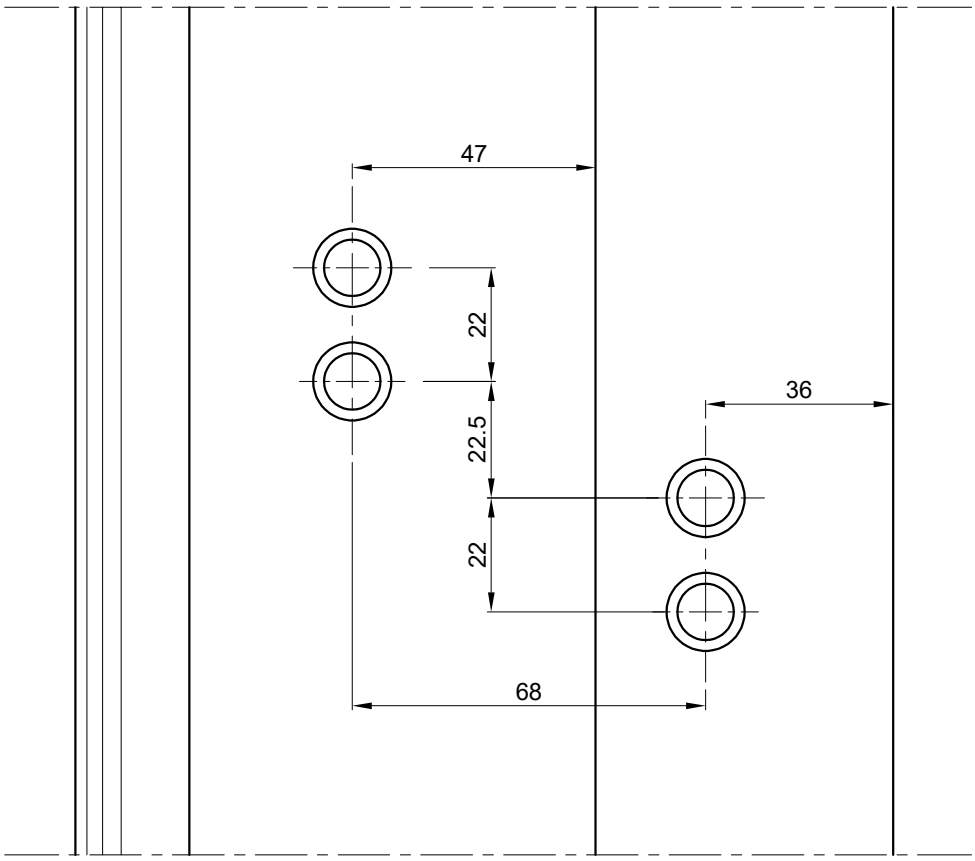
skinuti zub na mjestu pričvršćivanja vijka.
Teil des Profils entfernen, um die Schraube positionieren zu können

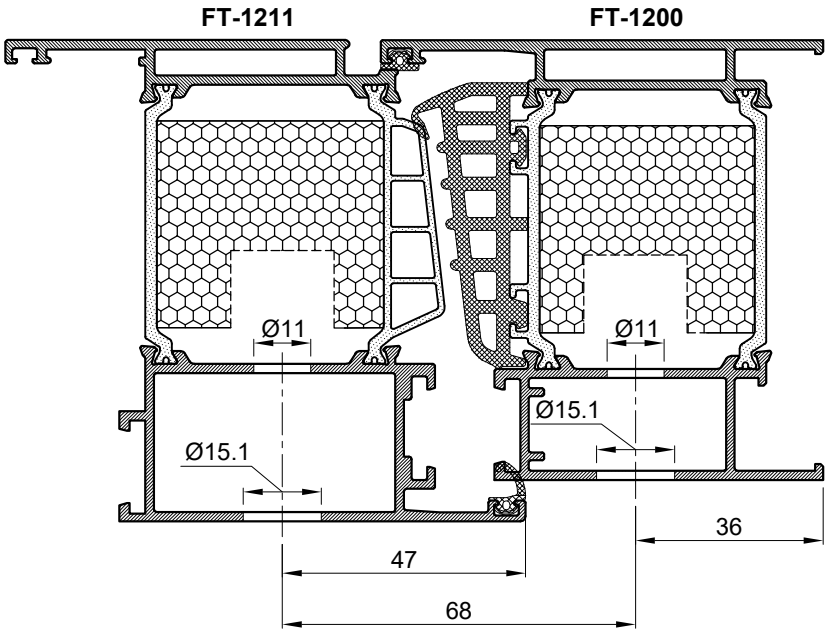
521.312
-Usmjerivač osovinice Ø8mm (postaviti svako cca.450mm)
-Stangenführungsstück Ø8mm (alle ca. 450 mm einstellen)

## SET USADNIH BAGLAMA - OSNO 68 mm, OTVARANJE UNUTRA
AUFSCHRAUBBÄNDERSET - ACHSABSTAND 68 mm, EINWÄRTS ÖFFNEND

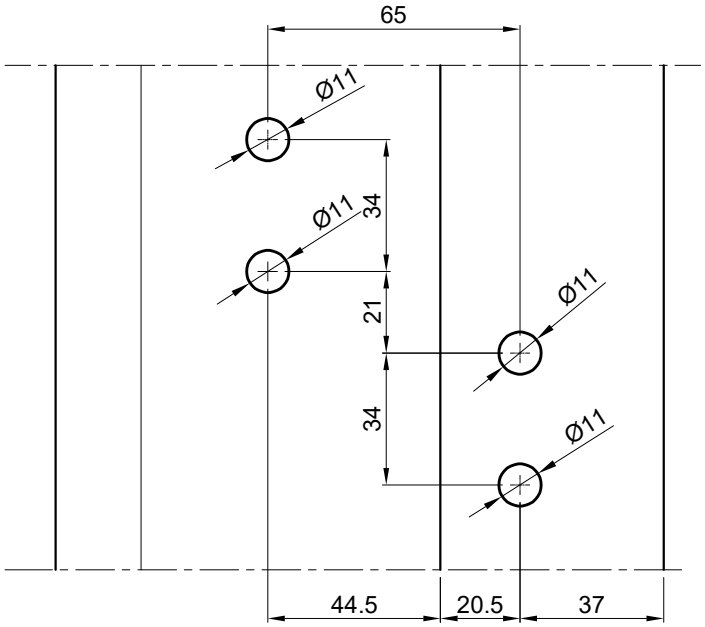


## OBRADA ZA SET USADNIH BAGLAMA - OSNO 68 mm, OTVARANJE UNUTRA
## BEARBEITUNG FÜR AUFSCHRAUBBÄNDERSET - ACHSABSTAND 68 mm, EINWÄRTS ÖFFNEND

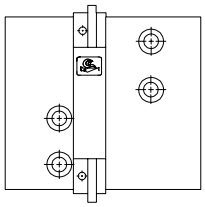


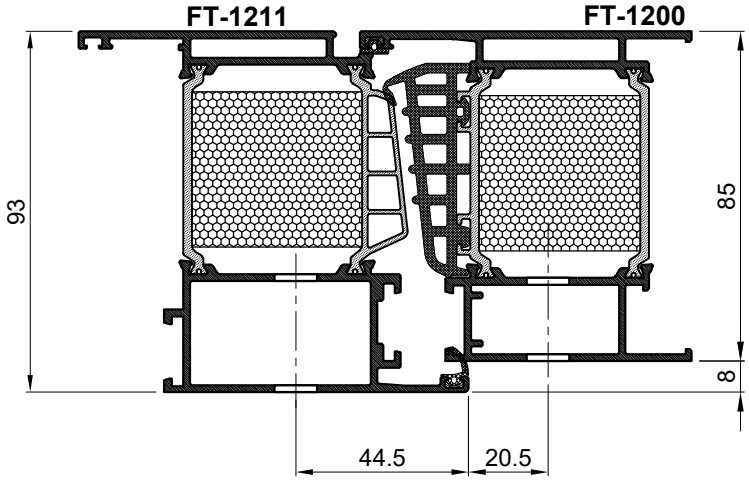
## OBRADA ZA DVODIJELNU ŠARKU TÜRBAND 4 AT 112.021.xx
## BEARBEITUNG FÜR ZWEITEILIGES TÜRBAND 4 AT 112.021.xx

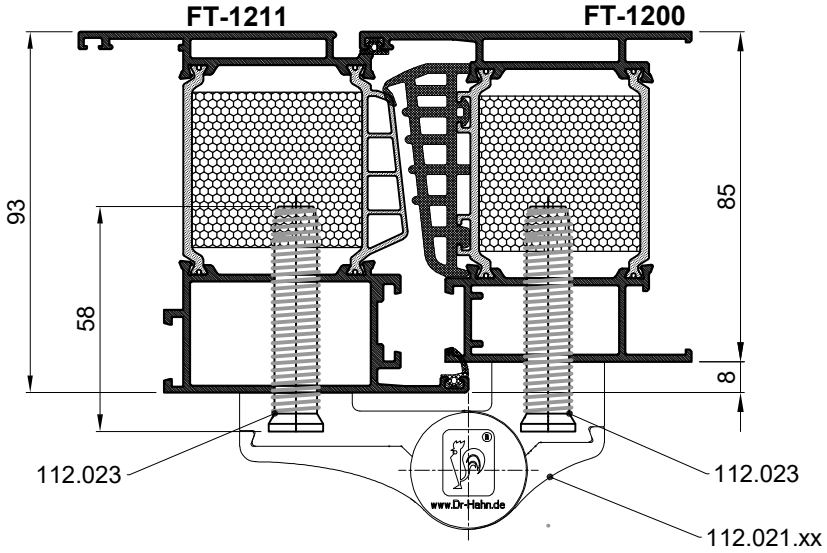



Napomena:
Obrada se vrši isključivo na obradnom centru ili pomoću namijenjenog šablona za obradu (112.022).
Anmerkung:
Die Bearbeitung erfolgt ausschließlich auf dem Bearbeitungszentrum oder mit der dafür vorgesehenen Bohrlehre (112.022).



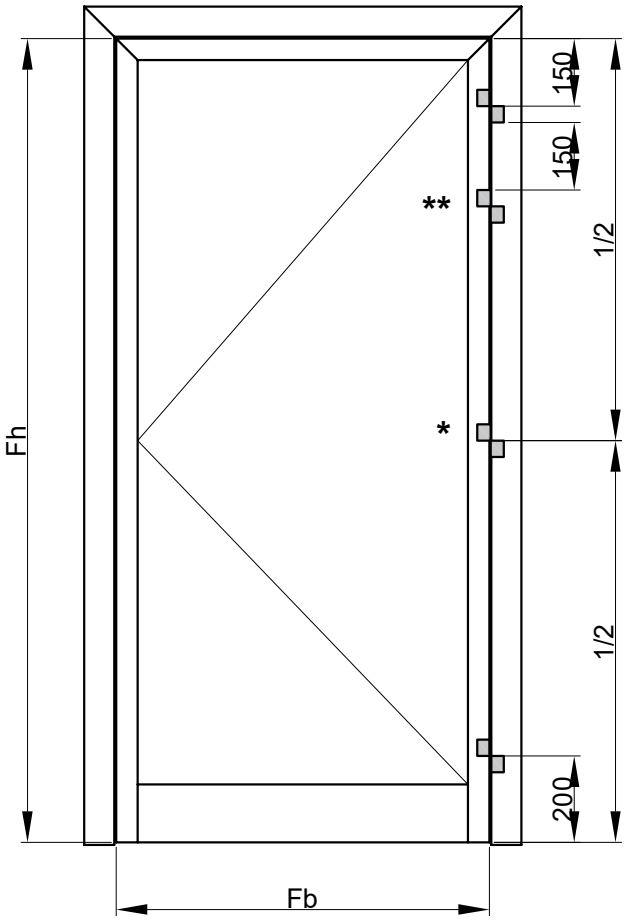
112.022



# PREPORUKE ZA UGRADNJU DR. HAHN TÜRBAND 4 AT ŠARKI
EMPFEHLUNGEN ZUR MONTAGE DES DR. HAHN TÜRBAND 4 AT

Türband 4 AT dvodijelna šarka
zweiteiliges Türband 4 AT



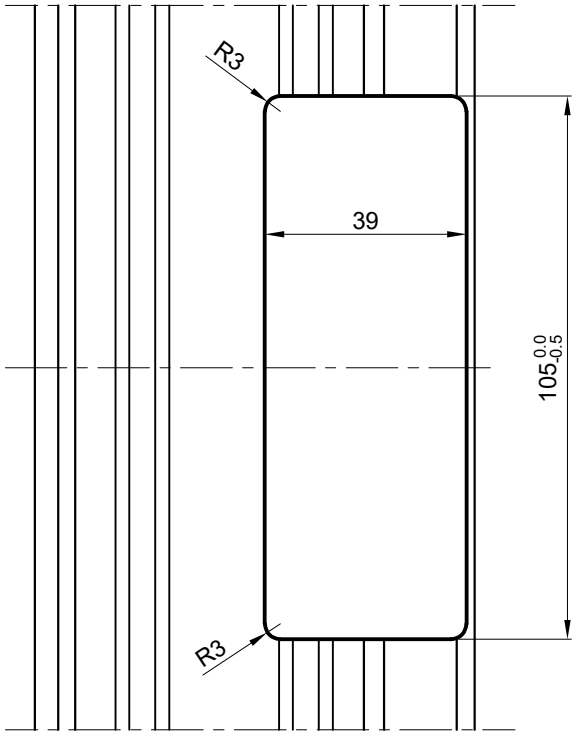

Napomena:
Ne podmazivati, čahure su napravljene od PVC-a koji ne zahtijeva održavanje!
Anmerkung:
Lagerbuchse aus wartungsfreiem Kunststoff - keinesfalls schmieren!

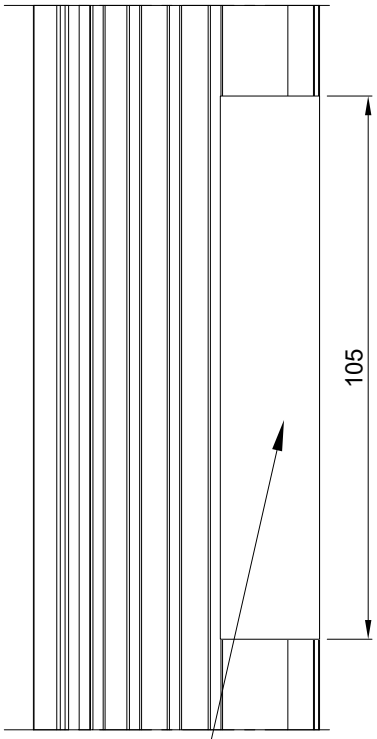
Fh = Visina krila
Flügelhöhe

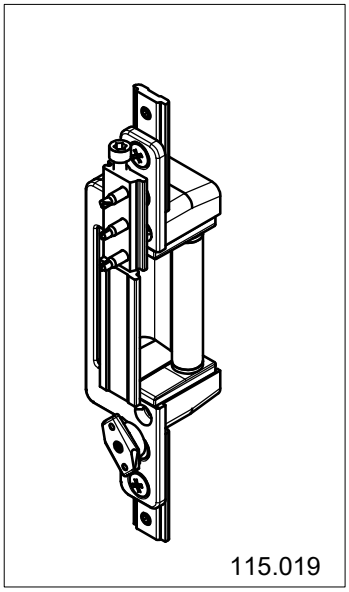
Fb = Širina krila
Flügelbreite

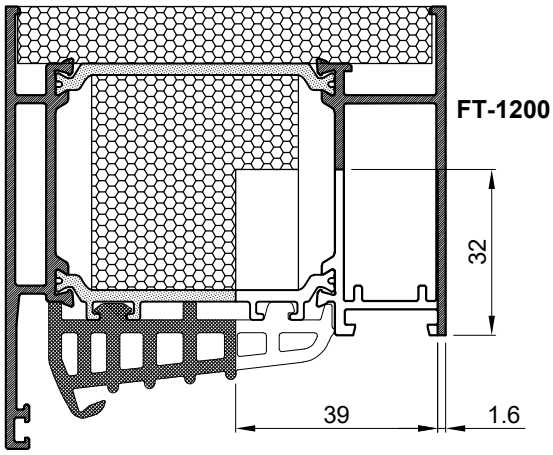
* Dodatna šarka za bolje brtvljenje preporučuje se za visine krila iznad 2200 mm.
** Na vratima s ugrađenim zatvaračem kao i na vratima za javnu upotrebu potrebno je koristiti najmanje tri šarke.
* Bei Flügelhöhen über 2200 mm wird ein zusätzliches Türbaband für besseren Dichtdruck empfohlen.
** Türen mit Türschließern sowie Türen für den öffentlichen Gebrauch sollten mindestens drei Bänder haben.

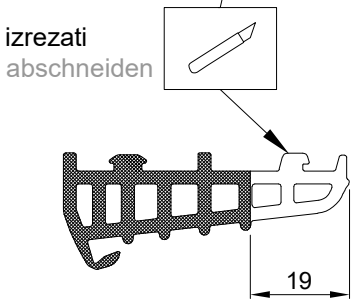
# OBRADA PROFILA FT-1200 ZA SKRIVENU ŠARKU GIESSE 115.019
BEARBEITUNG DES PROFILS FT-1200 FÜR VERDECKTES BAND GIESSE 115.019



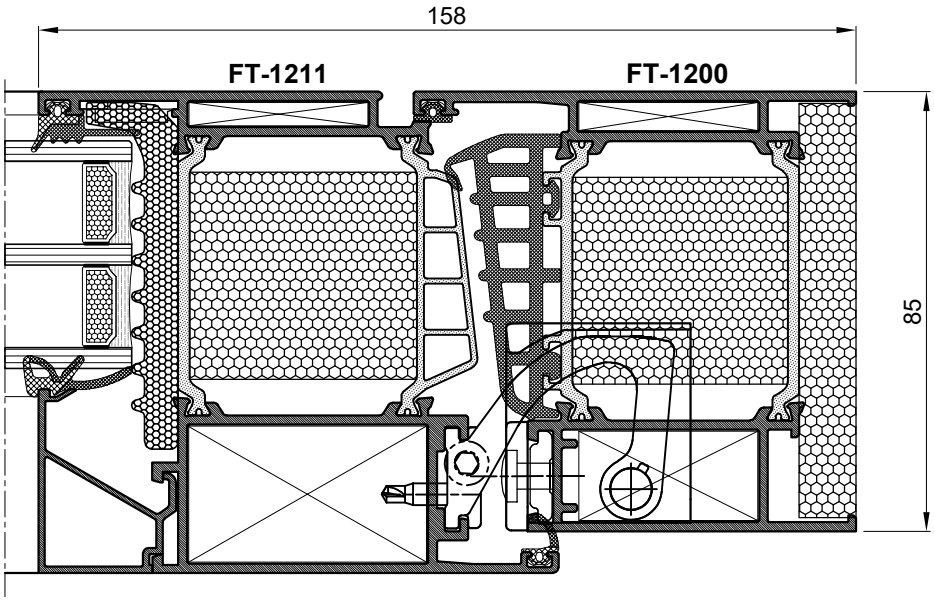



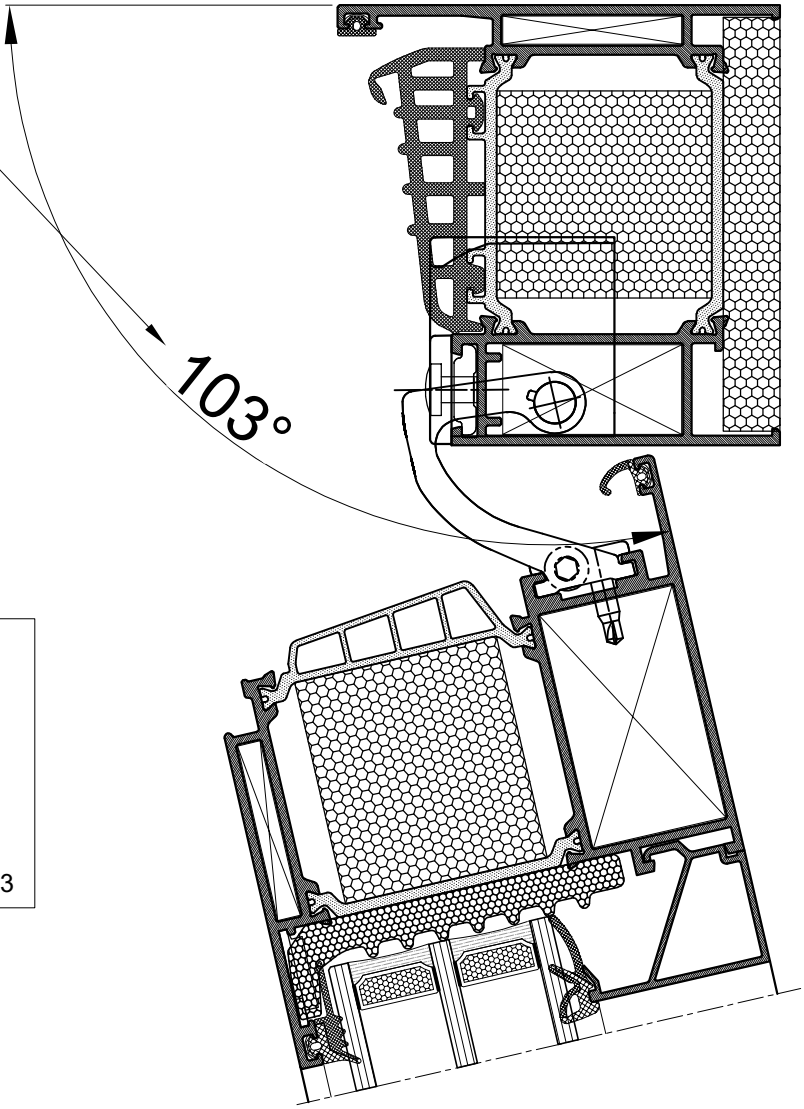

NAPOMENA:
Skrivena šarka 115.019 se može koristiti samo u slučaju kad krilo i ram nisu u istoj ravnini, odnosno kad su u preklopu.
ANMERKUNG:
Die Verwendung von verdeckter Bänder 115.019 ist nur möglich, wenn Flügel und Rahmen nicht in einer Ebene liegen, also überlappen.

Detaljne upute
Detaillierte Anweisungen

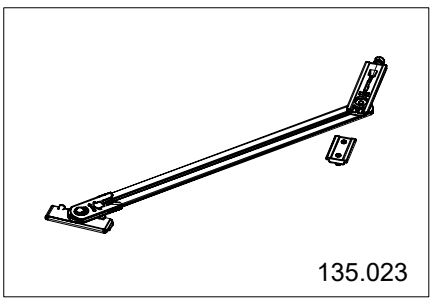
## KUT OTVARANJA ZA GIESSE SKRIVENU ŠARKU 115.019
## ÖFFNUNGSWINKEL FÜR VERDECKTES BAND GIESSE 115.019



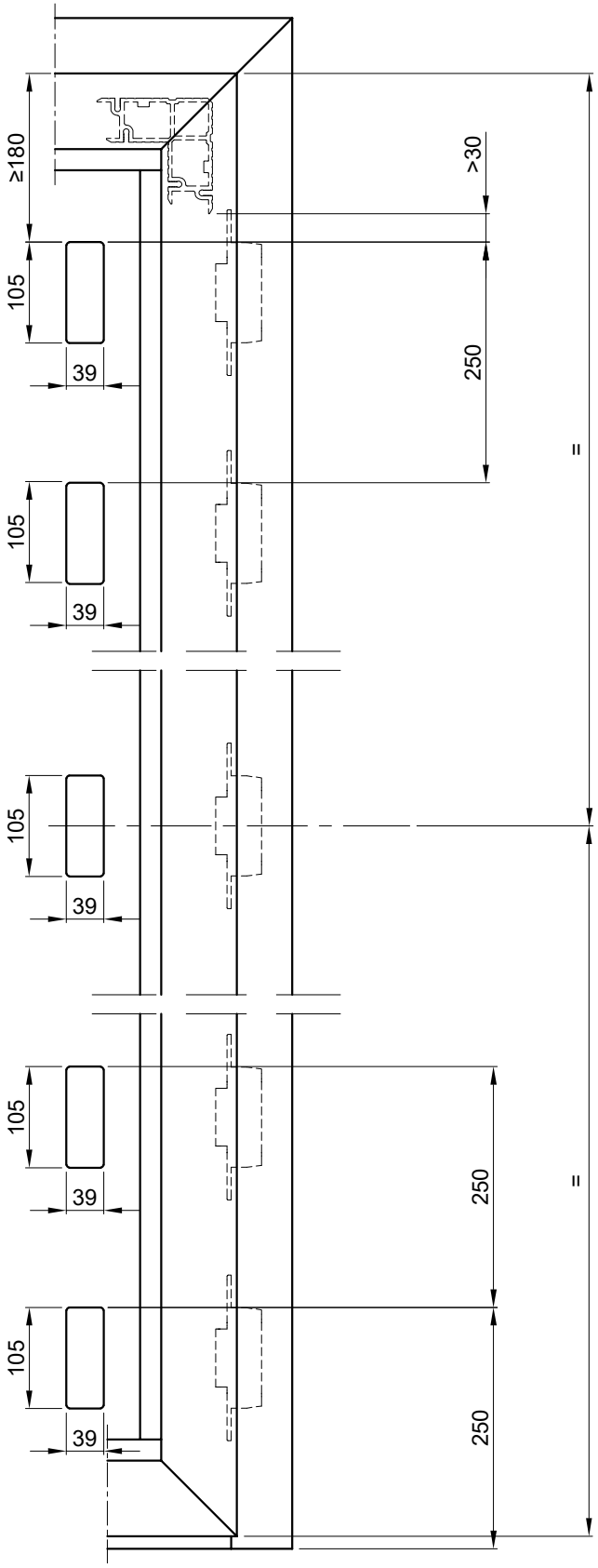

Maksimalni kut otvaranja
Maximaler Öffnungswinkel

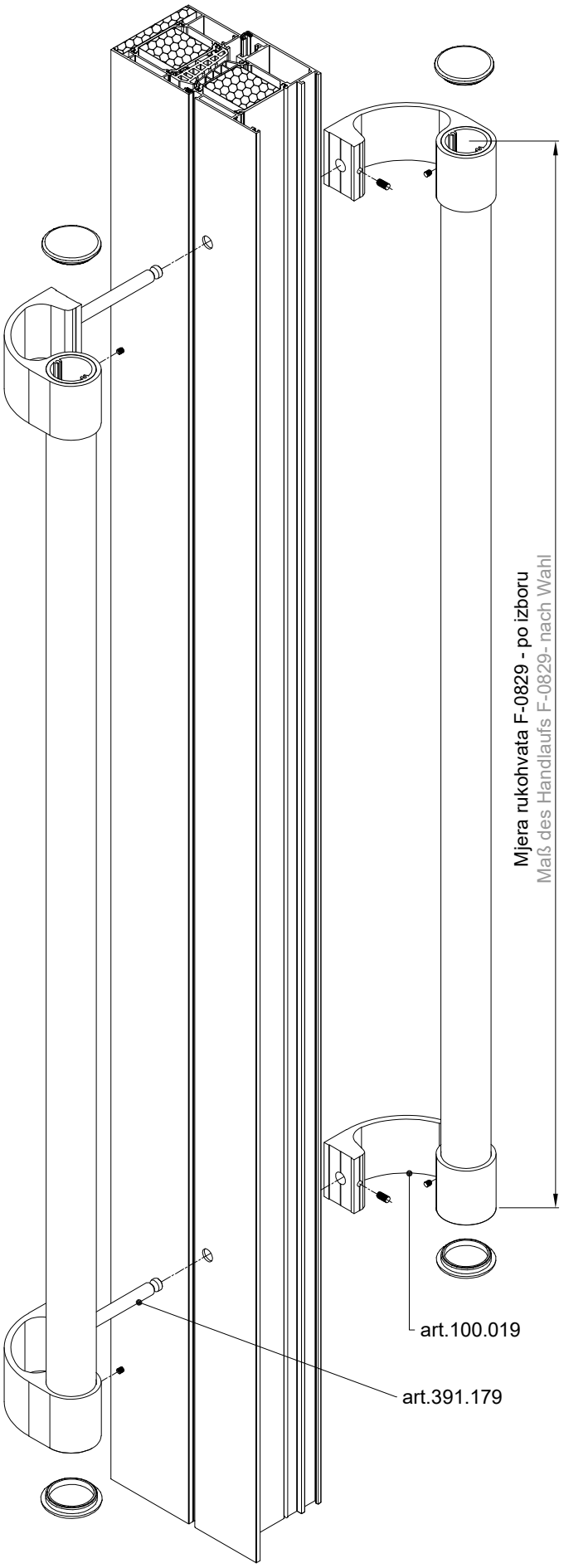


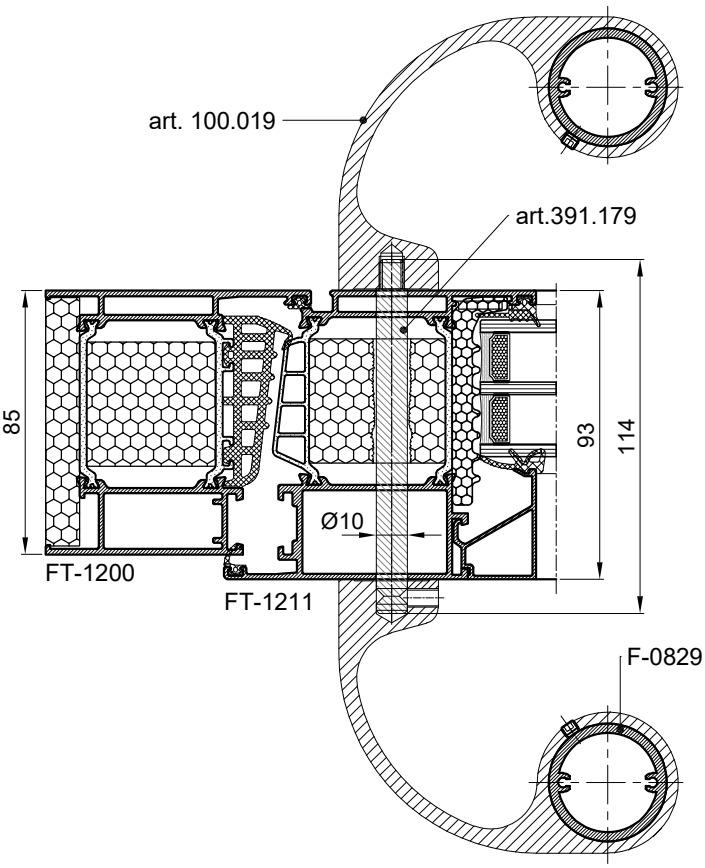

Za vrata koja se otvaraju pod kutem većim od 90 ° preporučuje se koristiti graničnik otvaranja art.135.023.
Wenn der Flügel über 90° geöffnet werden kann, wird die Verwendung eines Öffnungsbegrenzerarms (Art. 135.023) empfohlen.



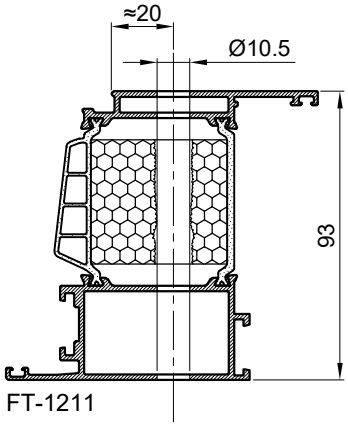
# UPUTE ZA POZICIONIRANJE SKRIVENE ŠARKE GIESSE 115.019
## ANWEISUNGEN ZUR POSITIONIERUNG DES VERDECKTEN BANDS GIESSE 115.019



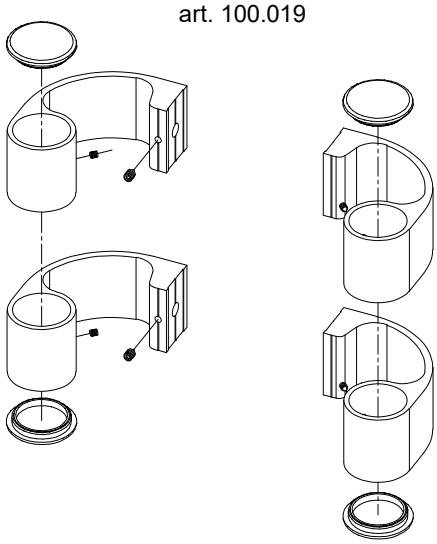


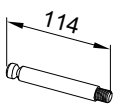

OBRADA PROFILA KRILA
BEARBEITUNG DES FLÜGELPROFILS




art. 100.019



art. 391.179

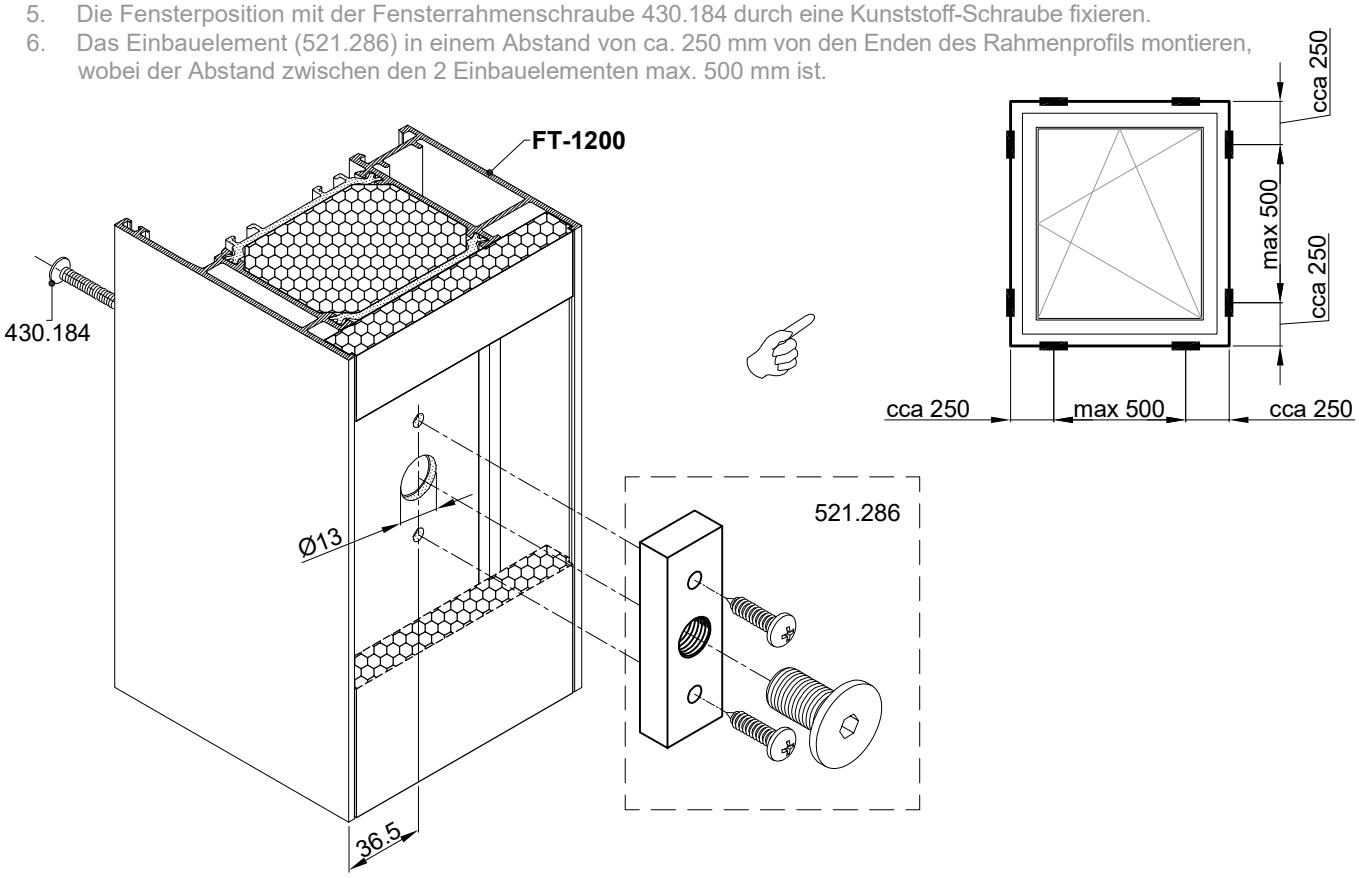


MONTAŽA ELEMENTA ZA UGRADNJU

1. Na profilu rama, kroz oba poliamida probušiti rupu Ø13 mm na udaljenosti 36.5mm od kraja vanjske strane profila.
2. PVC vijak sa pločicom dovesti u osu otvora Ø13 mm
3. Pločicu pričvrstiti za poliamid vijcima 4.8x22 /DIN 7981/
4. Imbus ključem 6 mm, s unutarnje strane profila rama, kroz otvor Ø13 mm zaokretanjem PVC vijka dovesti prozor u ispravan položaj
5. Fiksirati položaj prozora turbo vijkom 430.184 kroz PVC vijak,
6. Element za ugradnju (521.286) montirati na udaljenosti cca 250 mm od krajeva profila rama, a razmak između 2 elementa za ugradnju je max. 500 mm.

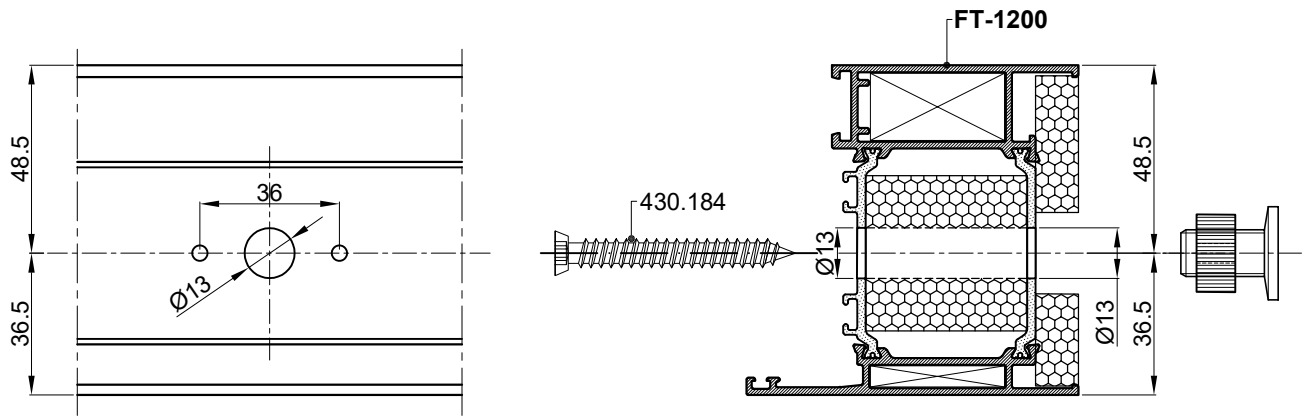
MONTAGE DES EINBAUELEMENTE

1. Am Blendrahmenprofil im Abstand von 36,5 mm vom Ende der Profilaußenseite ein Loch Ø13 mm durch beide Polyamide bohren.
2. Kunststoff-Schraube mit der Platte auf die Achse des Lochs Ø13 mm bringen.
3. Die Platte mit 4,8x22 Schrauben am Polyamid befestigen. /DIN 7981/
4. 6-mm-Inbusschlüssel an der Innenseite des Rahmenprofils verwenden, um das Fenster durch ein Ø13-mm-Loch durch Drehen der Kunststoff-Schraube in die richtige Position zu bringen.
5. Die Fensterposition mit der Fensterrahmenschraube 430.184 durch eine Kunststoff-Schraube fixieren.
6. Das Einbauelement (521.286) in einem Abstand von ca. 250 mm von den Enden des Rahmenprofils montieren, wobei der Abstand zwischen den 2 Einbauelementen max. 500 mm ist.

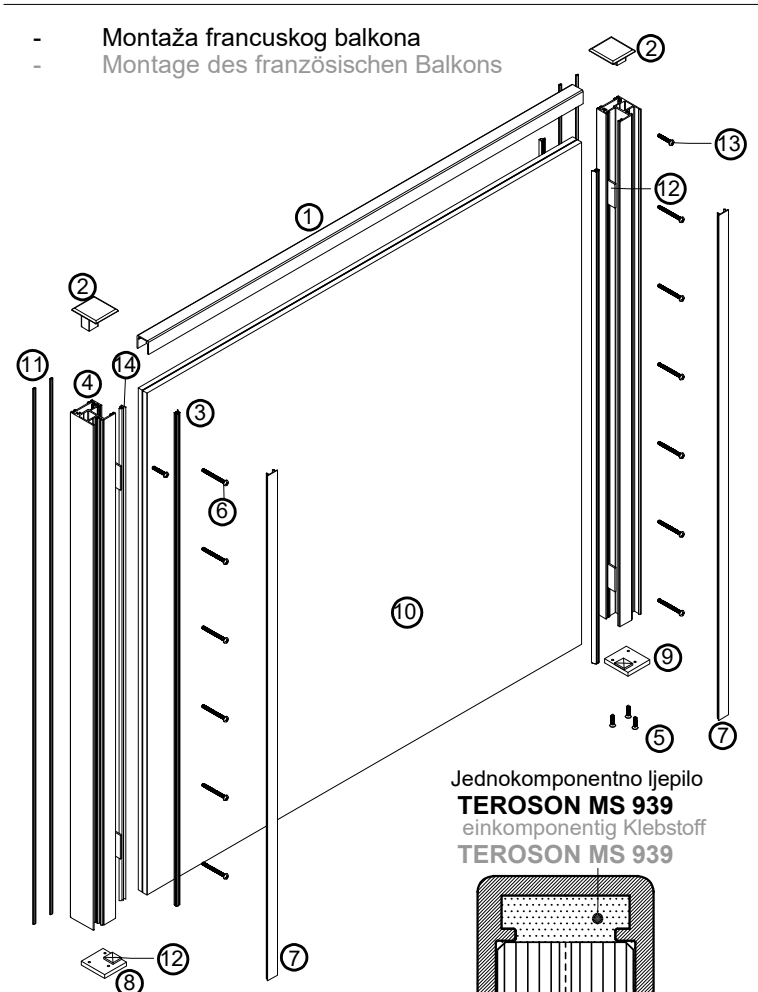


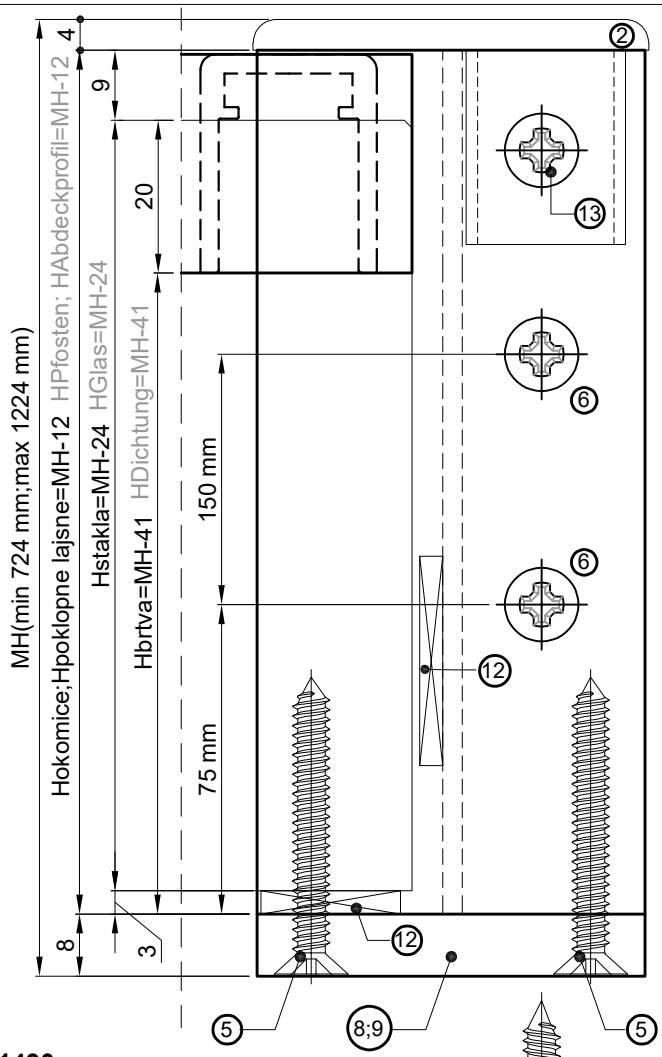

OBRADA PROFILA RAMA ZA SMJEŠTAJ ELEMENTA ZA UGRADNJU 521.286

BEARBEITUNG DES BLENDRAHMENPROFILS FÜR EINBAUELEMENT 521.286

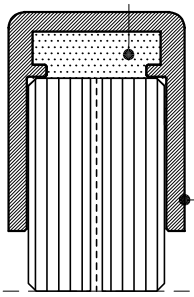


- Montaža francuskog balkona
- Montage des französischen Balkons






Jednokomponentno ljepilo
**TEROSON MS 939**
einkomponentig Klebstoff
**TEROSON MS 939**



**F-1490**
Rukohvat
Handlauf



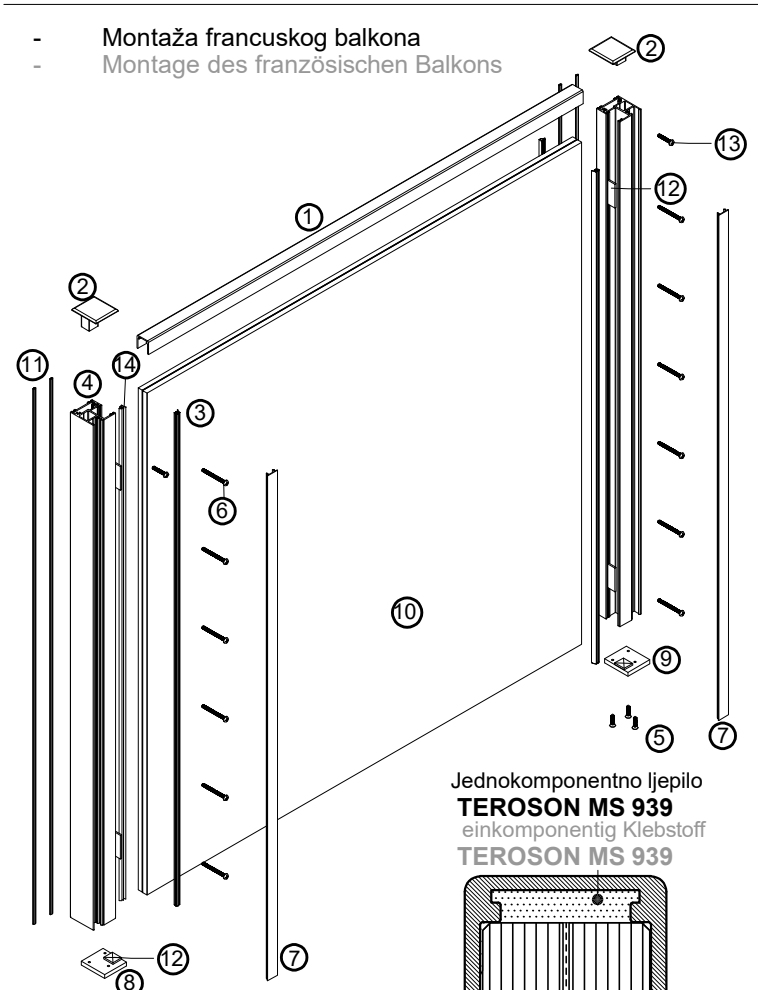

1 - profil rukohvata F-1490
1 - Handlaufprofil F-1490
2 - PVC čep 373.054
2 - Kunststoff Endkappe 373.054
3 - brtva 318.016
3 - Dichtung 318.016
4 - profil okomice F-1569
4 - Profil des französischen Balkons F-1569

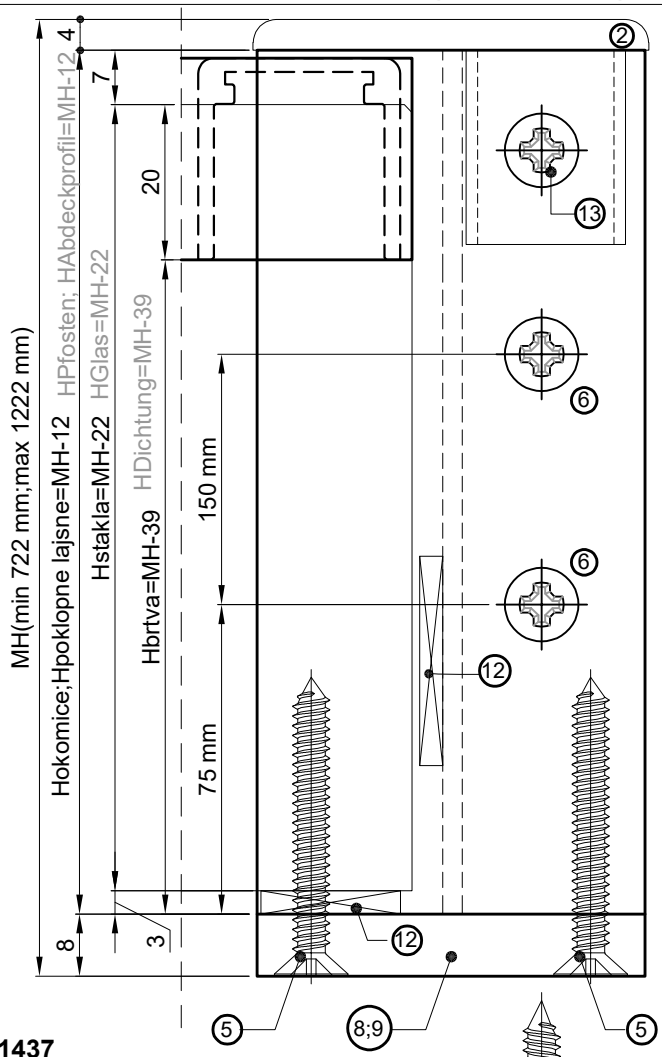
5 - 433.134 (6 komada)
5 - 433.134 (6 Stücke)
6 - 433.053 (svakih 150 mm)
6 - 433.053 (jede 150 mm)
7 - poklopna lajsna F-0826
7 - Abdeckprofil F-0826
8 - nosiva pločica lijeva 391.148
8 - Tragplatte, links 391.148

9 - nosiva pločica desna 391.149
9 - Tragplatte, rechts 391.149
10 - staklo 88.4 VSG (TVG+ESG)
10 - Glas 88.4 VSG (TVG+ESG)
11 - brtva 340.055
11 - Dichtung 340.055
12 - PVC distancer 370.000
12 - Kunststoff Abstandhalter 370.000

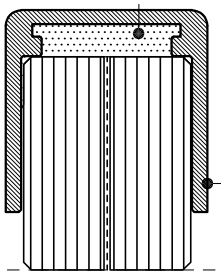
13 - 433.042 (za PVC čep)
13 - 433.042 (für Kunststoff Endkappe)
14 - brtva 328.002
14 - Dichtung 328.002

- Montaža francuskog balkona
- Montage des französischen Balkons






Jednokomponentno ljepilo
**TEROSON MS 939**
einkomponentig Klebstoff
**TEROSON MS 939**



**F-1437**
Rukohvat
Handlauf



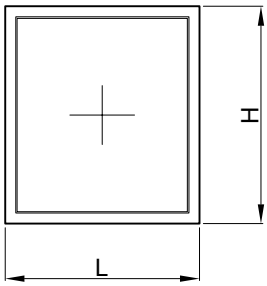

1 - profil rukohvata F-1437
1 - Handlaufprofil F-1437
2 - PVC čep 373.054
2 - Kunststoff Endkappe 373.054
3 - brtva 318.015
3 - Dichtung 318.015
4 - profil okomice F-1569
4 - Profil des französischen Balkons F-1569

5 - 433.134 (6 komada)
5 - 433.134 (6 Stücke)
6 - 433.053 (svakih 150 mm)
6 - 433.053 (jede 150 mm)
7 - poklopna lajsna F-0826
7 - Abdeckprofil F-0826
8 - nosiva pločica lijeva 391.148
8 - Tragplatte, links 391.148

9 - nosiva pločica desna 391.149
9 - Tragplatte, rechts 391.149
10 - staklo 1010.4 VSG (TVG+ESG)
10 - Glas 1010.4 VSG (TVG+ESG)
11 - brtva 340.055
11 - Dichtung 340.055
12 - PVC distancer 370.000
12 - Kunststoff Abstandhalter 370.000

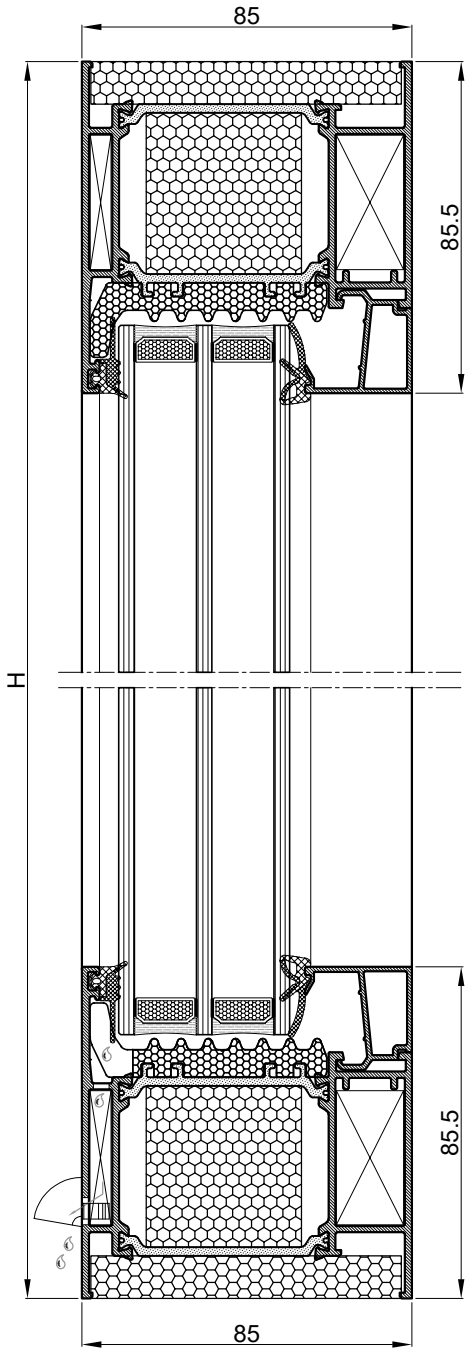
13 - 433.042 (za PVC čep)
13 - 433.042 (für Kunststoff Endkappe)
14 - brtva 328.007
14 - Dichtung 328.007

# Rezne liste
## Schnittlisten




Rezna lista Schnittliste

Ram Blendrahmen : FT-1200



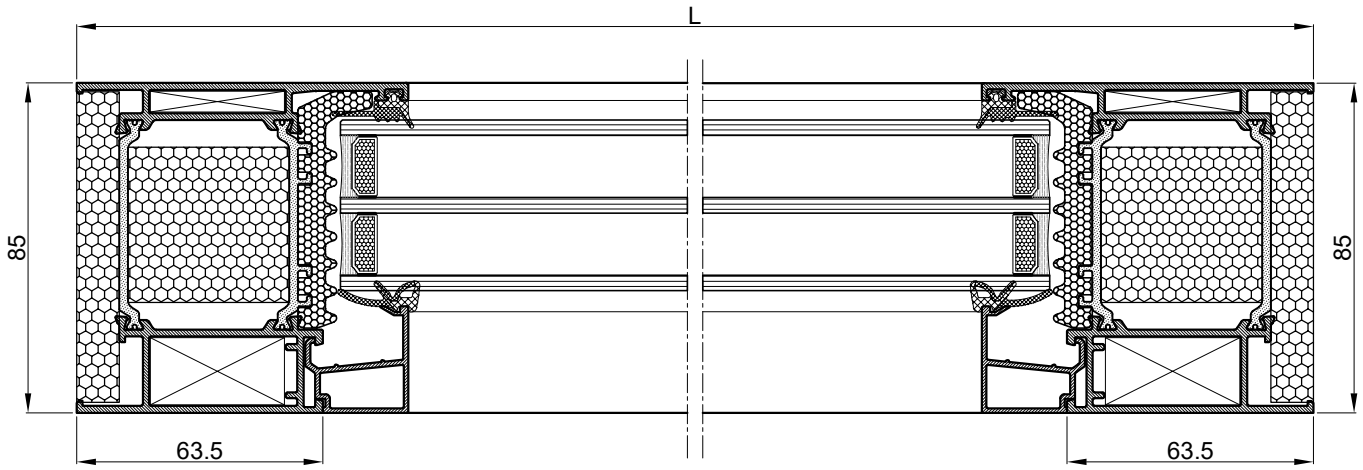

| PROFILI<br>PROFILE | | | kom.<br>Stck. | mjera<br>Abmessung | kut pilanja<br>Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 2 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-45 |
| F-1575 | hor.st.lajsna | hor. Glasleiste | 2 | L -127 | 90-90 |
| F-1575 | vert.st.lajsna | vert. Glasleiste | 2 | H -171 | 90-90 |

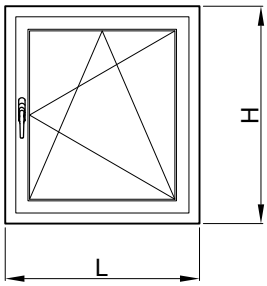
| OKOVI<br>BESCHLÄGE | | | kom.<br>Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 370.070 | maska za drenažni otvor | Entwässerungskappe | 2 |

| BRTVE<br>DICHTUNGEN | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 327.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+2H | |

| ISPUNA PO OPSEGU STAKLA<br>GLASFALZDÄMMUNG | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 340.143 | Izolacijski umetak | Isolierzwischenlage | 2L+2H | 1 |

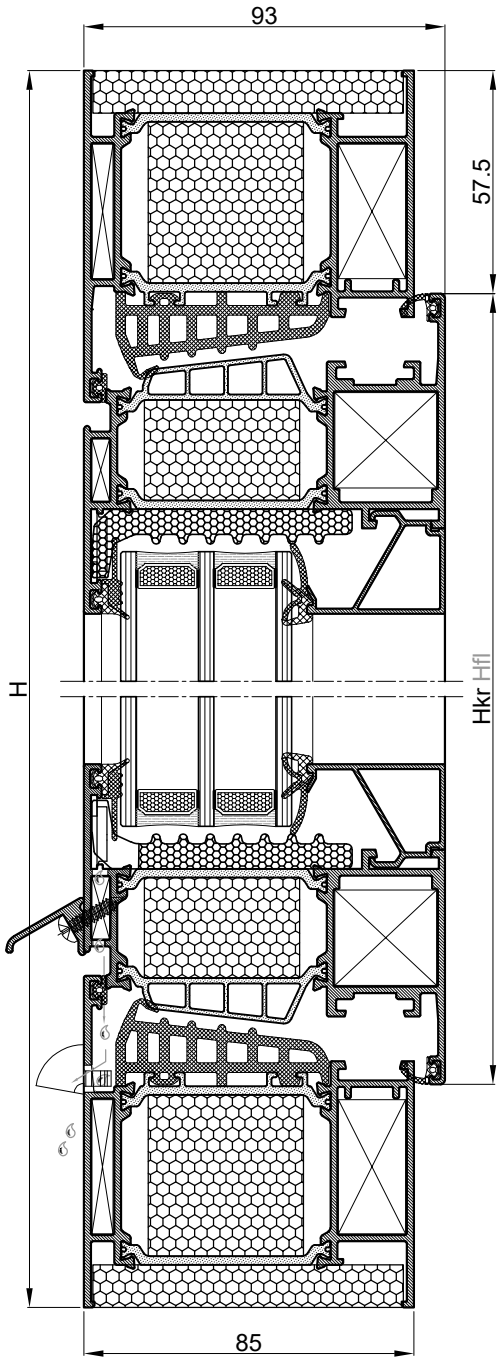
| STAKLO<br>GLAS | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 44mm | | | L -136 x H -136 | 1 |






Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1210



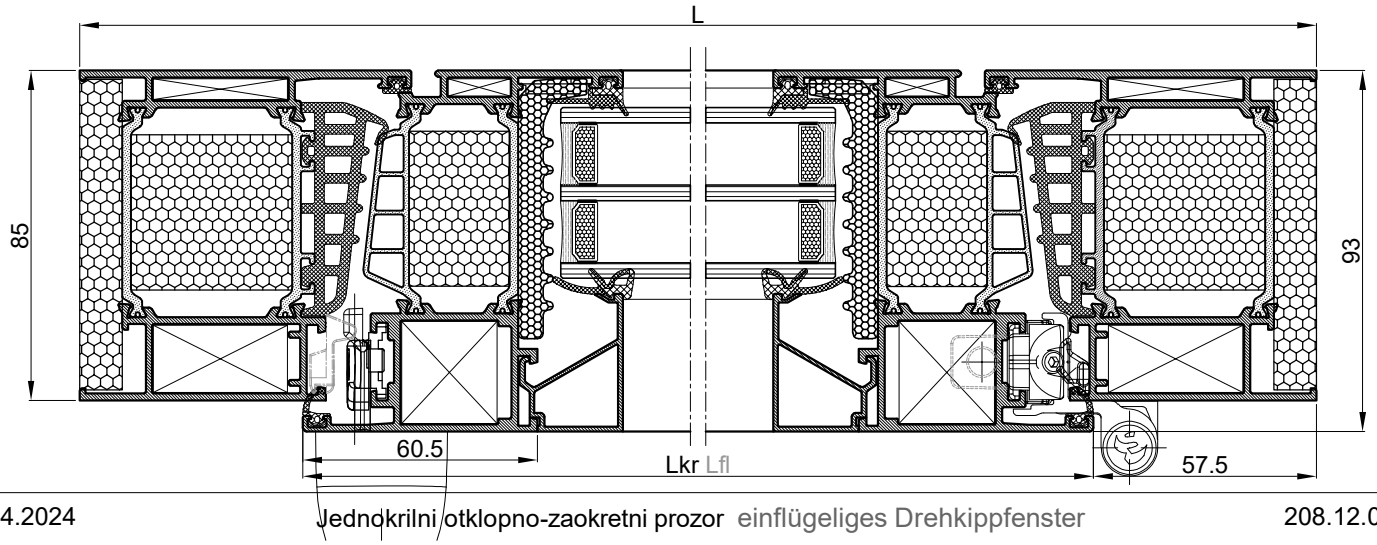

| PROFILI<br>PROFILE | | | kom.<br>Stck. | mjera<br>Abmessung | kut pilanja<br>Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 2 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-45 |
| FT-1210 | hor.krila | hor.Flügel | 2 | Lkr Lfl=L-115 | 45-45 |
| FT-1210 | vert.krila | vert.Flügel | 2 | Hkr Hfl=H-115 | 45-45 |
| Z40-669/P | hor.st.lajsna | hor.Glasleiste | 2 | Lkr Lfl -121 | 90-90 |
| Z40-669/P | vert.st.lajsna | vert.Glasleiste | 2 | Hkr Hfl -165 | 90-90 |
| Z40-657 | okapnica | Wetterschenkel | 1 | Lkr Lfl -68 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

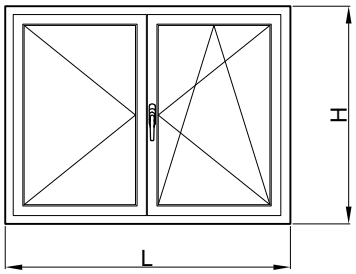
| OKOVI<br>BESCHLÄGE | | | kom.<br>Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.411 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.506 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 134.026.xx | O-Z meh. -Stublina | DREH KIPP Besch. -Stublina | 1 |
| 370.070 | maska za drenažni otvor | Entwässerungskappe | 2 |

| BRTVE<br>DICHTUNGEN | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | 2L+2H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | 2L+2H | |
| 317.002 | brtva u krilu | Flügeldichtung | 2L+2H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 4 |

| ISPUNA PO OPSEGU STAKLA<br>GLASFALZDÄMMUNG | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 2L+2H | 1 |

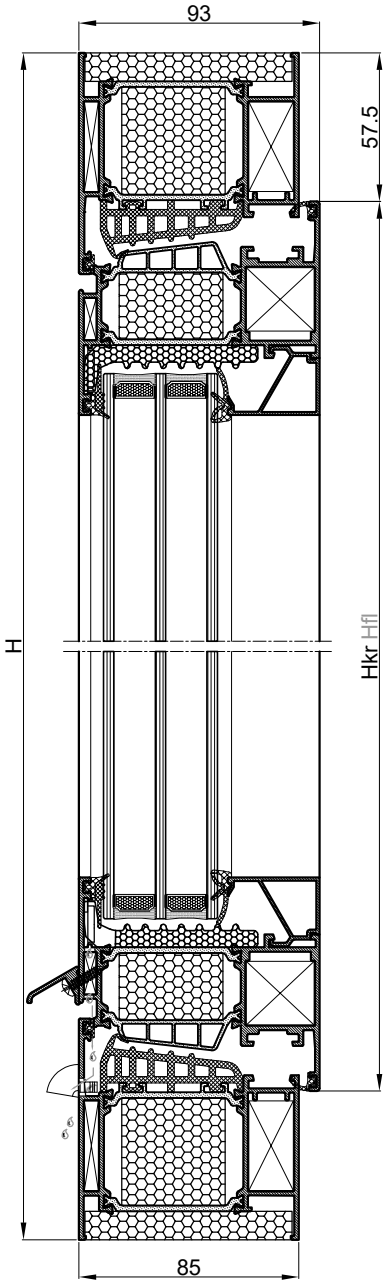
| STAKLO<br>GLAS | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|
| 44mm | Lkr Lfl -133 x Hkr Hfl - 133 | | 1 |






Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1210
Kombatuta Stulpprofil: FT-1230



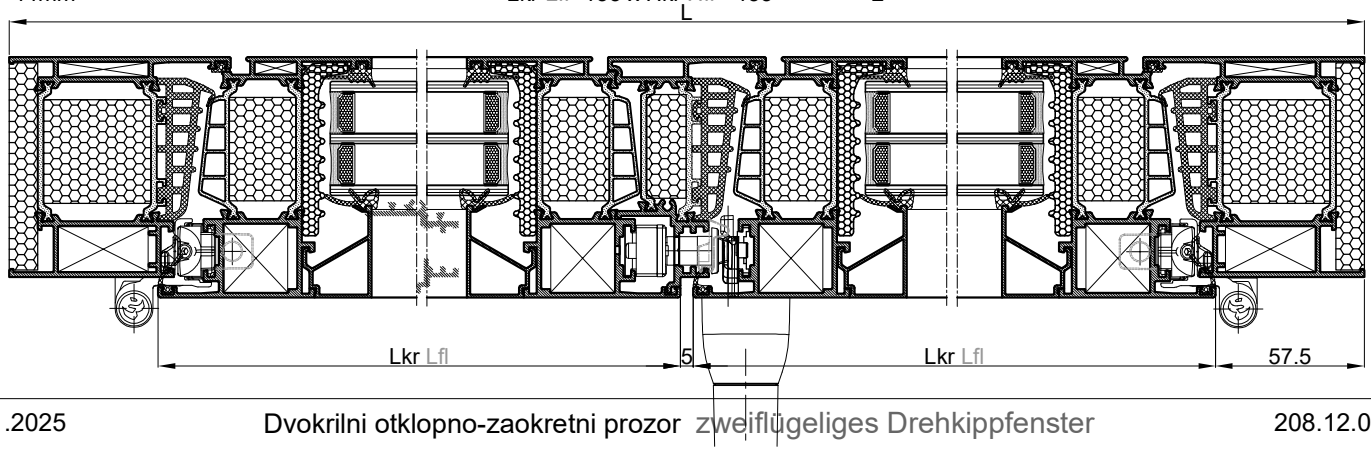

| PROFILI<br>PROFILE | | | kom.<br>Stck. | mjera<br>Abmessung | kut pilanja<br>Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 2 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-45 |
| FT-1210 | hor.krila | hor.Flügel | 4 | Lkr Lfl=(L-120)/2 | 45-45 |
| FT-1210 | vert.krila | vert.Flügel | 4 | Hkr Hfl=H-115 | 45-45 |
| FT-1230 | profil kombatute | Stulpprofil | 1 | Hkr Hfl -70 | 90-90 |
| Z40-669/P | hor.staklo lajsna krila | hor. Glasleiste | 4 | Lkr Lfl -121 | 90-90 |
| Z40-669/P | vert.staklo lajsna krila | vert. Glaseiste | 4 | Hkr Hfl -165 | 90-90 |
| Z40-657 | okapnica (glav.krilo) | Wettersch. (Hauptfl.) | 1 | Lkr Lfl -68 | 90-90 |
| Z40-657 | okapnica (pom.krilo) | Wettersch. (Stulpfl.) | 1 | Lkr Lfl -1 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

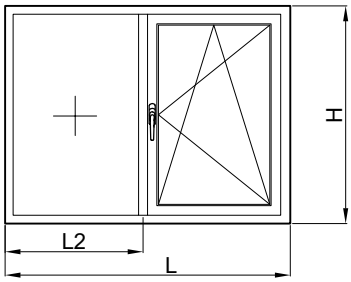
| OKOVI<br>BESCHLÄGE | | | kom.<br>Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.411 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.506 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 134.026.xx | O-Z meh. -Stublina | DREH KIPP Besch. -Stublina | 1 |
| 134.036 | ključanje pomoćnog krila -Stublina | Stulpflügelverriegelung-Stublina | 1 |
| 134.023 | pasivno ključanje -Stublina | passiv Verriegelung -Stublina | 1 |
| 134.037 | šarke za pomoćno krilo | Bänder für Stulpflügel | 1 |
| 134.038 | dodatni element za gornju šarku | Zusatzelement für oberes Band | 1 |
| 370.070 | maska za drenažni otvor | Entwässerungskappe | 3 |
| 363.063 | čep-umetak za profil kombatute | Stulpdichtung | par Paar |

| BRTVE<br>DICHTUNGEN | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | 2L+3H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | 2L+3H | |
| 317.002 | brtva u krilu | Flügeldichtung | 2L+3H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 4 |

| ISPUNA PO OPSEGU STAKLA<br>GLASFALZDÄMMUNG | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 4Lkr Lfl + 4Hkr Hfl | 1 |

| STAKLO<br>GLAS | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|
| 44mm | | Lkr Lfl -133 x Hkr Hfl - 133 | 2 |






Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1210
Prečka Pfosten: FT-1220

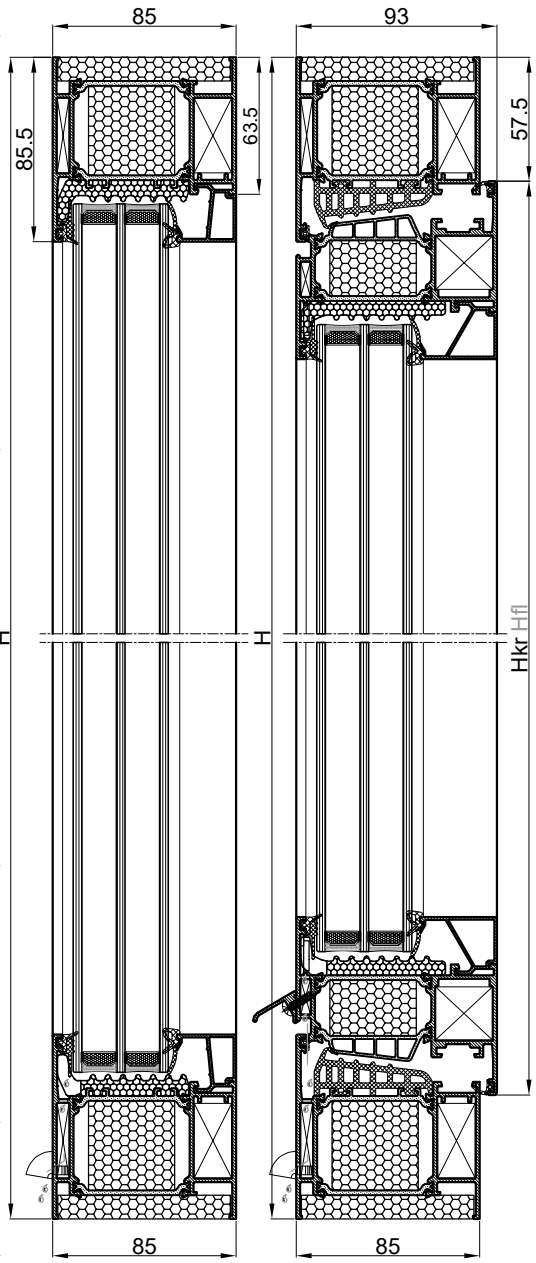
| PROFILI<br>PROFILE | | | kom.<br>Stck. | mjera<br>Abmessung | kut pilanja<br>Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 2 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-45 |
| FT-1210 | hor.krila | hor.Flügel | 2 | Lkr Lfl=L/2 - 87 | 45-45 |
| FT-1210 | vert.krila | vert.Flügel | 2 | Hkr Hfl=H-115 | 45-45 |
| FT-1220 | prečka | Pfosten | 1 | H -115 | 90-90 |
| F-1575 | hor.staklo lajsna | hor.Glasleiste | 2 | L/2-99 | 90-90 |
| F-1575 | vert.staklo lajsna | vert.Glasleiste | 2 | H-171 | 90-90 |
| Z40-669/P | hor.staklo lajsna krila | hor.Glasleiste | 2 | Lkr Lfl -121 | 90-90 |
| Z40-669/P | vert.staklo lajsna krila | vert.Glasleiste | 2 | Hkr Hfl -165 | 90-90 |
| Z40-657 | okapnica | Wetterschenkel | 1 | Lkr Lfl -68 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

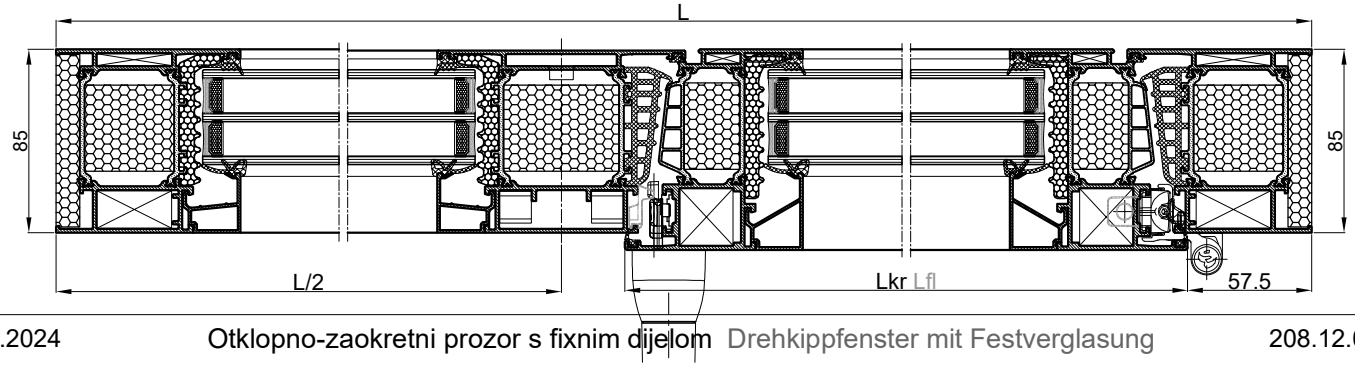
| OKOVI<br>BESCHLÄGE | | | kom.<br>Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.411 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.506 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 134.026.xx | O-Z meh. - Stublina | DREH KIPP Besch. - Stublina | 1 |
| 370.070 | maska za drenažni otvor | Entwässerungskappe | 3 |
| 710.066 | veznik | T-Verbinder | 4 |
| 710.412 | dodatni veznik | Zusatzverbinder | 2 |

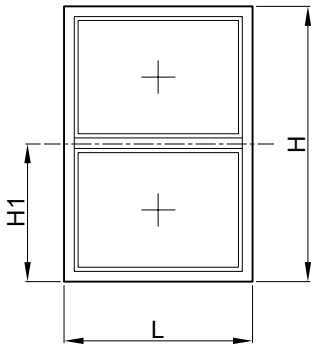
| BRTVE<br>DICHTUNGEN | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | L+2H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | L+2H | |
| 317.002 | brtva u krilu | Flügeldichtung | L+2H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 4 |

| ISPUNA PO OPSEGU STAKLA<br>GLASFALZDÄMMUNG | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 2Lkr Lfl + 2Hkr Hfl | 1 |
| 340.143 | Izolacijski umetak | Isolierzwischenlage | L + 2H | 1 |

| STAKLO<br>GLAS | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|
| 44mm | | L/2 -108+ x H -136 | 1 |
| 44mm | | Lkr Lfl -133 x Hkr Hfl - 133 | 1 |






Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Prečka Riegel: FT-1220

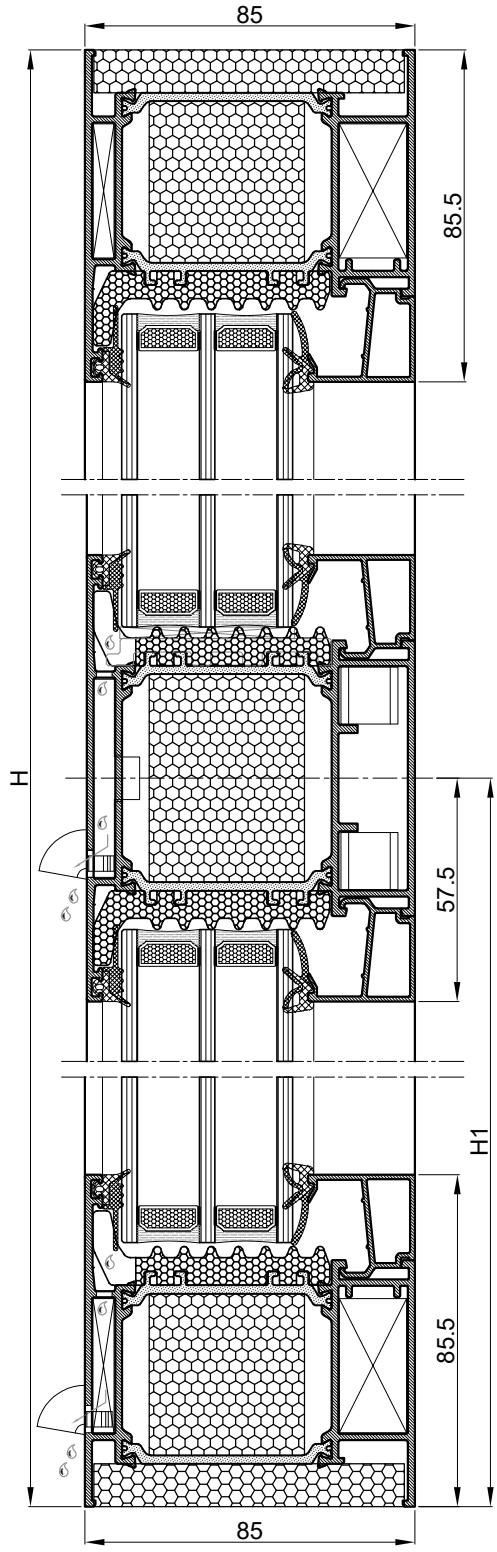
| PROFILI<br>PROFILE | | | kom.<br>Stck. | mjera<br>Abmessung | kut pilanja<br>Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 2 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-45 |
| FT-1220 | prečka | Riegel | 1 | L-115 | 90-90 |
| F-1575 | hor.st.lajsna | hor.Glasleiste | 4 | L -127 | 90-90 |
| F-1575 | vert.st.lajsna | vert.Glasleiste | 2 | H1 -143 | 90-90 |
| F-1575 | vert.st.lajsna | vert.Glasleiste | 2 | H-H1-143 | 90-90 |

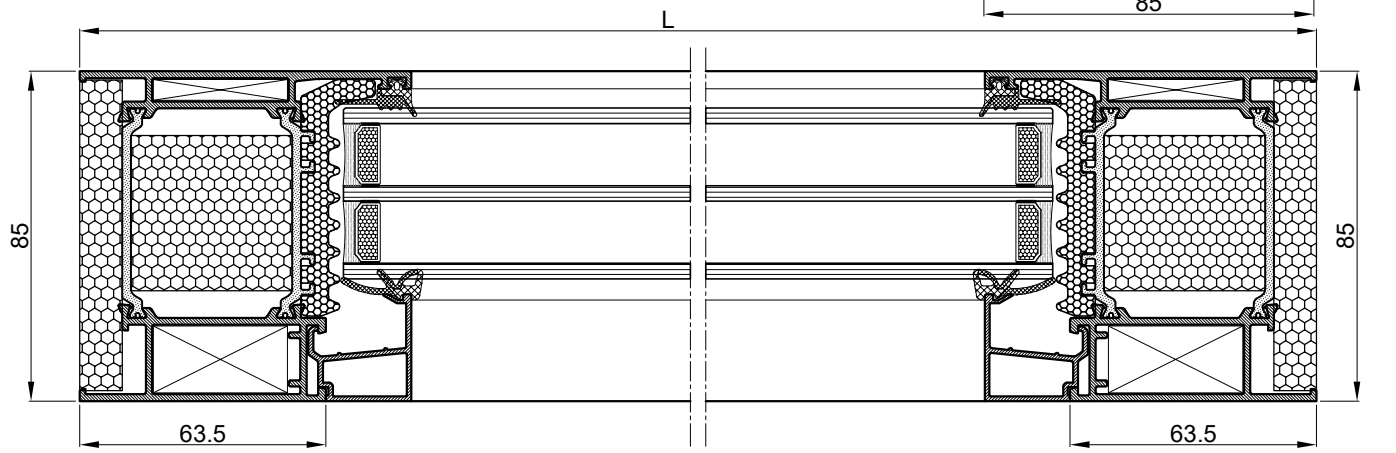
| OKOVI<br>BESCHLÄGE | | | kom.<br>Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 4 |
| 710.066 | veznik | T-Verbinder | 4 |
| 710.412 | dodatni veznik | Zusatzverbinder | 2 |
| 370.070 | maska za drenažni otvor | Entwässerungskappe | 4 |

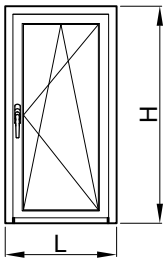
| BRTVE<br>DICHTUNGEN | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 327.001 | brtva prema staklu | Glasdichtung | 4L+2H | |
| 317.001 | brtva prema staklu | Glasdichtung | 4L+2H | |

| ISPUNA PO OPSEGU STAKLA<br>GLASFALZDÄMMUNG | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 340.143 | Izolacijski umetak | Isolierzwischenlage | 4L+2H | 1 |

| STAKLO<br>GLAS | | kom.<br>Stck. |
|---|---|---|
| 44mm | L -136 x H1 -108 | 1 |
| 44mm | L -136 x H-H1-108 | 1 |






Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1210
Prag Schwelle: FT-1231

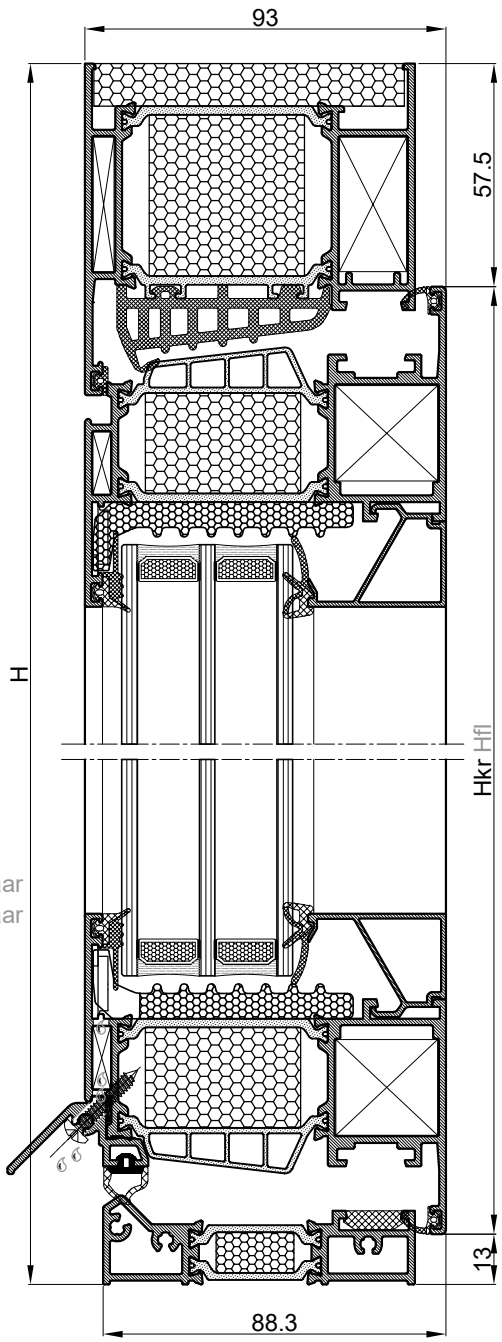
| PROFILI<br>PROFILE | | | kom.<br>Stck. | mjera<br>Abmessung | kut pilanja<br>Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 1 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-90 |
| FT-1210 | hor.krila | hor.Flügel | 2 | Lkr Lfl=L-115 | 45-45 |
| FT-1210 | vert.krila | vert.Flügel | 2 | Hkr Hfl=H-70.5 | 45-45 |
| FT-1231 | profil praga | Schwellenprofil | 1 | L-168 | 90-90 |
| Z40-669/P | hor.st.lajsna | hor.Glasleiste | 2 | Lkr Lfl -121 | 90-90 |
| Z40-669/P | vert.st.lajsna | vert.Glasleiste | 2 | Hkr Hfl -165 | 90-90 |
| F-1567 | okapnica | Wetterschenkel | 1 | Lkr Lfl -78 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

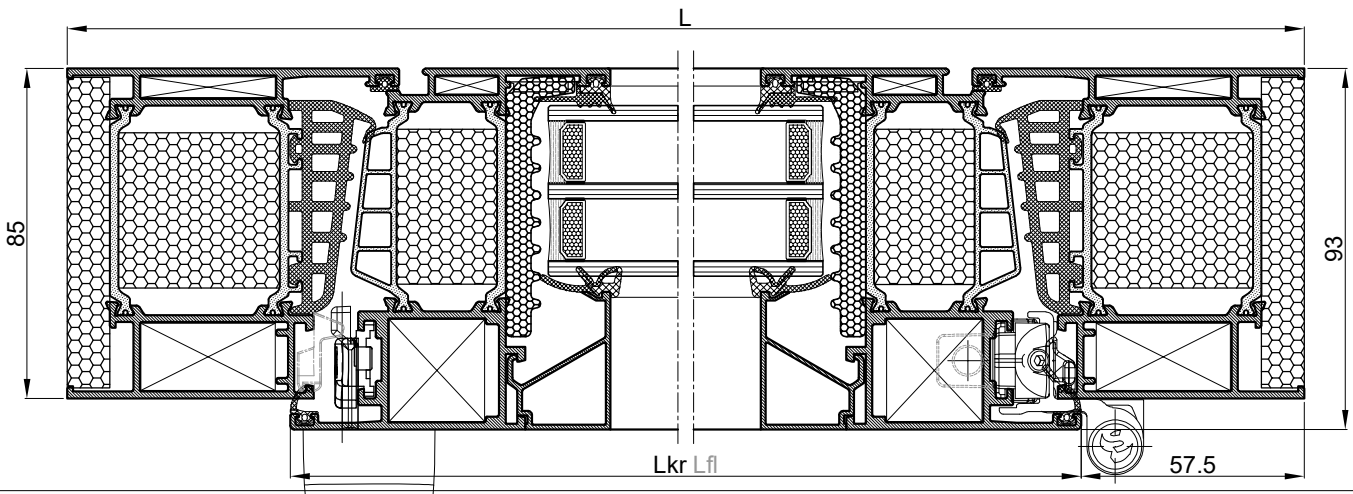
| OKOVI BESCHLÄGE | | | kom. Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.411 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.506 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 134.026.xx | O-Z meh. - Stublina | DREH KIPP Besch. - Stublina | 1 |
| 363.064 | čep-umetak za profil praga | Einsatz für Schwellenprofil | par Paar |
| 373.055 | čep-umetak za profil okapnice | Endstück für Wetterschenkel | par Paar |

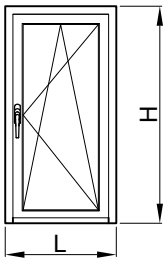
| BRTVE DICHTUNGEN | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | L+2H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | L+2H | |
| 317.002 | brtva u krilu | Flügeldichtung | 2L+2H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 2 |
| 348.088 | brtva prema pragu | Schwellendichtung | L | |
| 344.058 | brtva u pragu | Dichtung in Schwellenprofil | L | |

| ISPUNA PO OPSEGU STAKLA<br>GLASFALZDÄMMUNG | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|
| 340.142 | Izolacijski umetak Isolierzwischenlage | 2L+2H | 1 |

| STAKLO GLAS | | mjera Abmessung | kom. Stck. |
|---|---|---|---|
| 44mm | | Lkr Lfl -133 x Hkr Hfl - 133 | 1 |

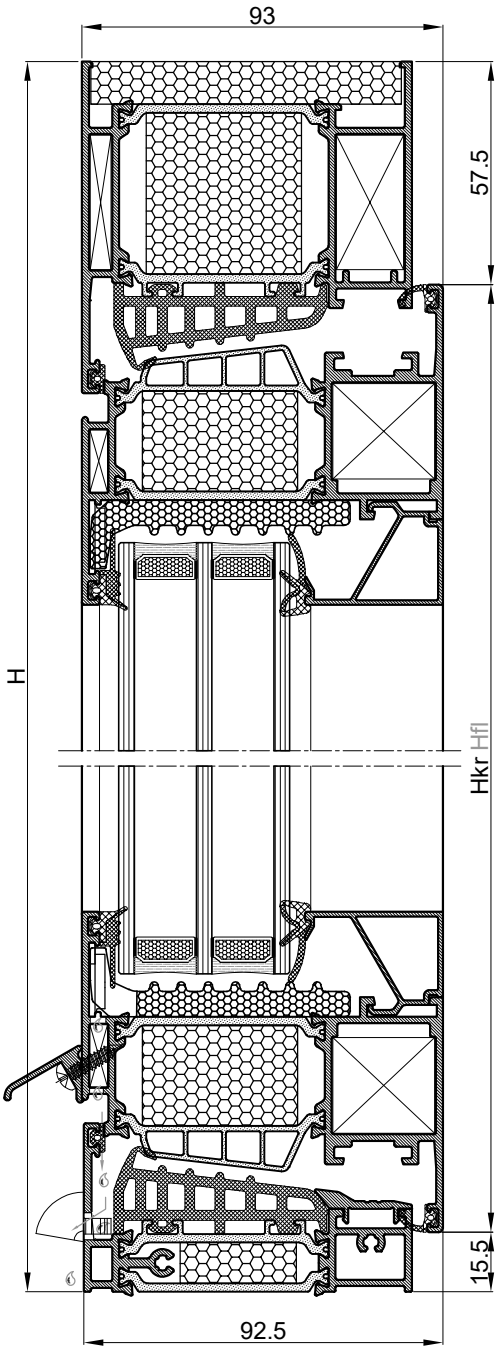





Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1210
Prag Schwelle: FT-1232



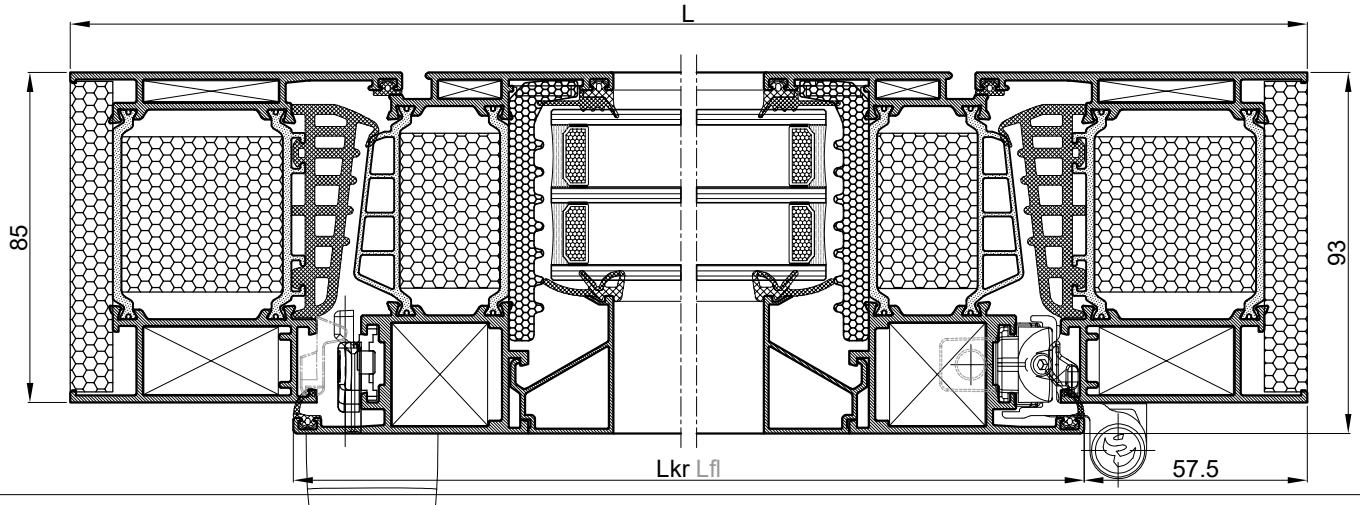

| PROFILI<br>PROFILE | | | kom.<br>Stck. | mjera<br>Abmessung | kut pilanja<br>Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 1 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-90 |
| FT-1210 | hor.krila | hor.Flügel | 2 | Lkr Lfl=L-115 | 45-45 |
| FT-1210 | vert.krila | vert.Flügel | 2 | Hkr Hfl=H-73 | 45-45 |
| FT-1232 | profil praga | Schwellenprofil | 1 | L-115 | 90-90 |
| F-1589 | profil maske | Abdeckprofil | 1 | L-118 | 90-90 |
| Z40-669/P | hor.st.lajsna | hor.Glasleiste | 2 | Lkr Lfl -121 | 90-90 |
| Z40-669/P | vert.st.lajsna | vert.Glasleiste | 2 | Hkr Hfl -165 | 90-90 |
| Z40-657 | okapnica | Wetterschenkel | 1 | Lkr Lfl -68 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

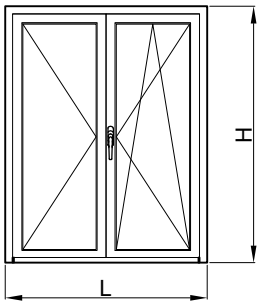
| OKOVI BESCHLÄGE | | | kom. Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.411 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.506 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 134.026.xx | O-Z meh. -Stublina | DREH KIPP Besch. -Stublina | 1 |
| 370.070 | maska za drenažni otvor | Entwässerungskappe | 2 |
| 433.021 | vijak 3.9x32 (DIN 7981) | Schraube 3.9x32 (DIN 7981) | 4 |

| BRTVE DICHTUNGEN | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | 2L+2H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | 2L+2H | |
| 317.002 | brtva u krilu | Flügeldichtung | 2L+2H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 4 |

| ISPUNA PO OPSEGU STAKLA<br>GLASFALZDÄMMUNG | | | mjera<br>Abmessung | kom.<br>Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 2L+2H | 1 |

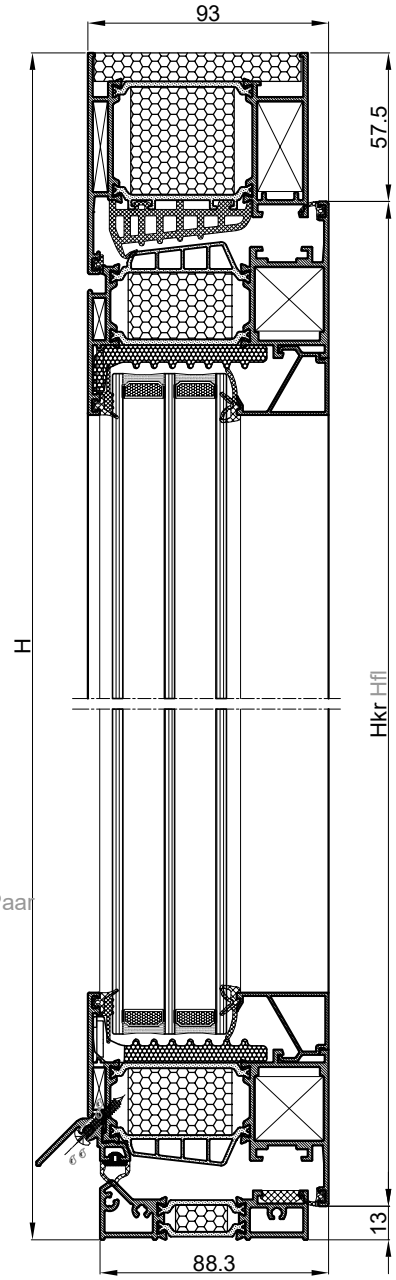
| STAKLO GLAS | | mjera Abmessung | kom. Stck. |
|---|---|---|---|
| 44mm | Lkr Lfl -133 x Hkr Hfl - 133 | | 1 |






Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1210
Kombatuta Stulpprofil : FT-1230
Prag Schwelle: FT-1231



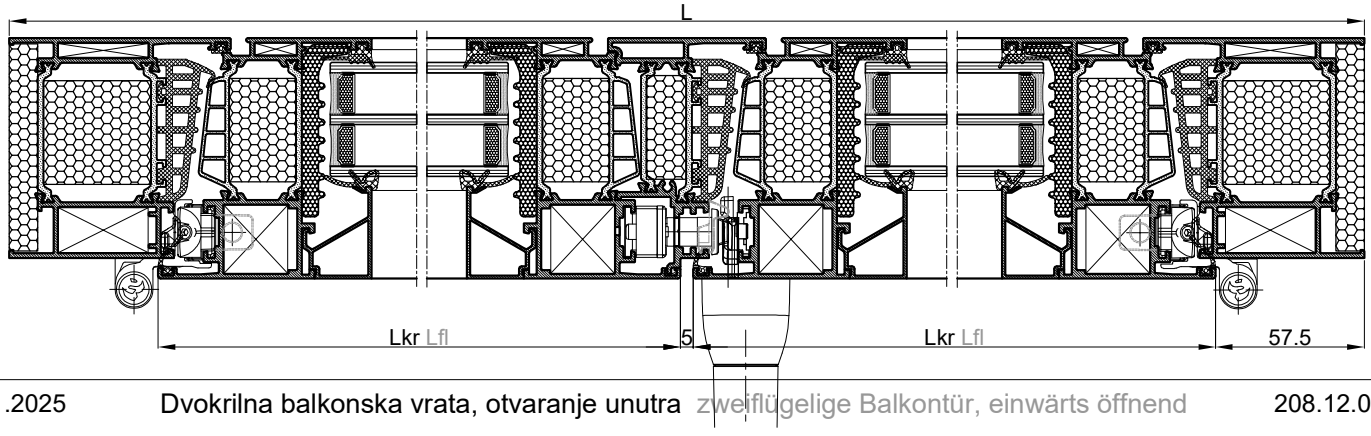

| PROFILI PROFILE | | | kom. Stck. | mjera Abmessung | kut pilanja Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 1 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-90 |
| FT-1210 | hor.krila | hor.Flügel | 4 | Lkr Lfl=(L-120)/2 | 45-45 |
| FT-1210 | vert.krila | vert.Flügel | 4 | Hkr Hfl=H-70.5 | 45-45 |
| FT-1230 | profil kombatute | Stulpprofil | 1 | Hkr Hfl -70 | 90-90 |
| FT-1231 | profil praga | Schwellenprofil | 1 | L -168 | 90-90 |
| Z40-669/P | hor.staklo lajsna krila | hor.Glasleiste | 4 | Lkr Lfl -121 | 90-90 |
| Z40-669/P | vert.staklo lajsna krila | vert.Glasleiste | 4 | Hkr Hfl -165 | 90-90 |
| F-1567 | okapnica (glav.krilo) | Wetterschenkel (Hauptfl.) | 1 | Lkr Lfl -78 | 90-90 |
| F-1567 | okapnica (pom.krilo) | Wetterschenkel (Stulpfl.) | 1 | Lkr Lfl -11 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

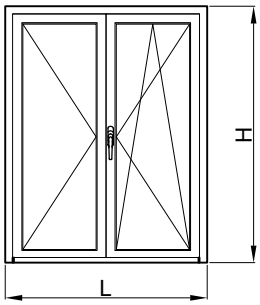
| OKOVI BESCHLÄGE | | | kom. Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.411 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.506 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 134.026.xx | O-Z meh. - Stublina | DREH KIPP Besch. - Stublina | 1 |
| 134.036 | ključanje pomoćnog krila - Stublina | Stulpflügelverriegelung - Stublina | 1 |
| 134.023 | pasivno ključanje -Stublina | passiv Verriegelung - Stublina | 2 |
| 134.037 | šarke za pomoćno krilo | Bänder für Stulpflügel | 1 |
| 134.038 | dodatni element za gornju šarku | Zusatzelement für oberes Band | 1 |
| 363.063 | čep-umetak za profil kombatute | Stulpdichtung | par Paar |
| 363.064 | čep-umetak za profil praga | Einsatz für Schwellenprofil | par Paar |
| 373.055 | čep-umetak za profil okapnice | Endstück für Wetterschenkelprofil | 2 para 2 Paar |

| BRTVE DICHTUNGEN | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | L+3H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | L+3H | |
| 317.002 | brtva u krilu | Flügeldichtung | 2L+3H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 2 |
| 348.088 | brtva prema pragu | Schwellendichtung | L | |
| 344.058 | brtva u pragu | Dichtung in Schwellenprofil | L | |

| ISPUNA PO OPSEGU STAKLA GLASFALZDÄMMUNG | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 4Lkr Lfl + 4Hkr Hfl | 1 |

| STAKLO GLAS | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 44mm | | | Lkr Lfl -133 x Hkr Hfl - 133 | 2 |






Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1210
Kombatuta Stulpprofil: FT-1230
Prag Schwelle: FT-1232

| PROFILI PROFILE | | | kom. Stck. | mjera Abmessung | kut pilanja Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 1 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-90 |
| FT-1210 | hor.krila | hor.Flügel | 4 | Lkr Lfl=(L-120)/2 | 45-45 |
| FT-1210 | vert.krila | vert.Flügel | 4 | Hkr Hfl=H-73 | 45-45 |
| FT-1230 | profil kombatute | Stulpprofil | 1 | Hkr Hfl -70 | 90-90 |
| FT-1231 | profil praga | Schwellenprofil | 1 | L -115 | 90-90 |
| F-1589 | profil maske | Abdeckprofil | 1 | L -118 | 90-90 |
| Z40-669/P | hor.staklo lajsna krila | hor.Glasleiste | 4 | Lkr Lfl -121 | 90-90 |
| Z40-669/P | vert.staklo lajsna krila | vert.Glasleiste | 4 | Hkr Hfl -165 | 90-90 |
| Z40-657 | okapnica (glav.krilo) | Wetterschenkel (Hauptfl.) | 1 | Lkr Lfl -68 | 90-90 |
| Z40-657 | okapnica (pom.krilo) | Wetterschenkel (Stulpfl.) | 1 | Lkr Lfl -1 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

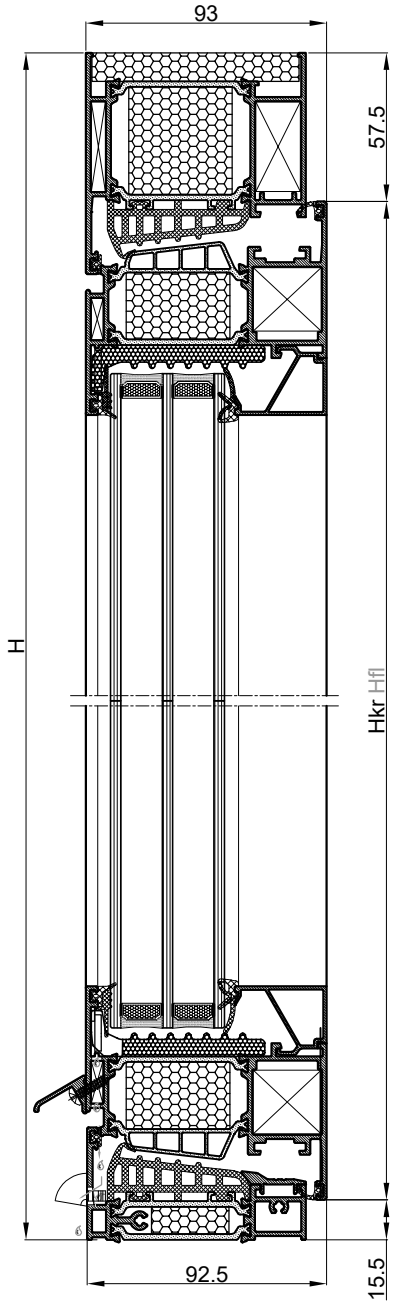
| OKOVI BESCHLÄGE | | | kom. Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.411 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.506 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 134.026.xx | O-Z meh. - Stublina | DREH KIPP Besch. - Stublina | 1 |
| 134.036 | ključanje pomoćnog krila - Stublina | Stulpflügelverriegelung - Stublina | 1 |
| 134.023 | pasivno ključanje - Stublina | passiv Verriegelung - Stublina | 2 |
| 134.037 | šarke za pomoćno krilo | Bänder für Stulpflügel | 1 |
| 134.038 | dodatni element za gornju šarku | Zusatzelement für oberes Band | 1 |
| 363.063 | čep-umetak za profil kombatute | Stulpdichtung | par Paar |
| 370.070 | maska za drenažni otvor | Entwässerungskappe | 3 |
| 433.021 | vijak 3.9x32 (DIN 7981) | Schraube 3.9x32 (DIN 7981) | 4 |

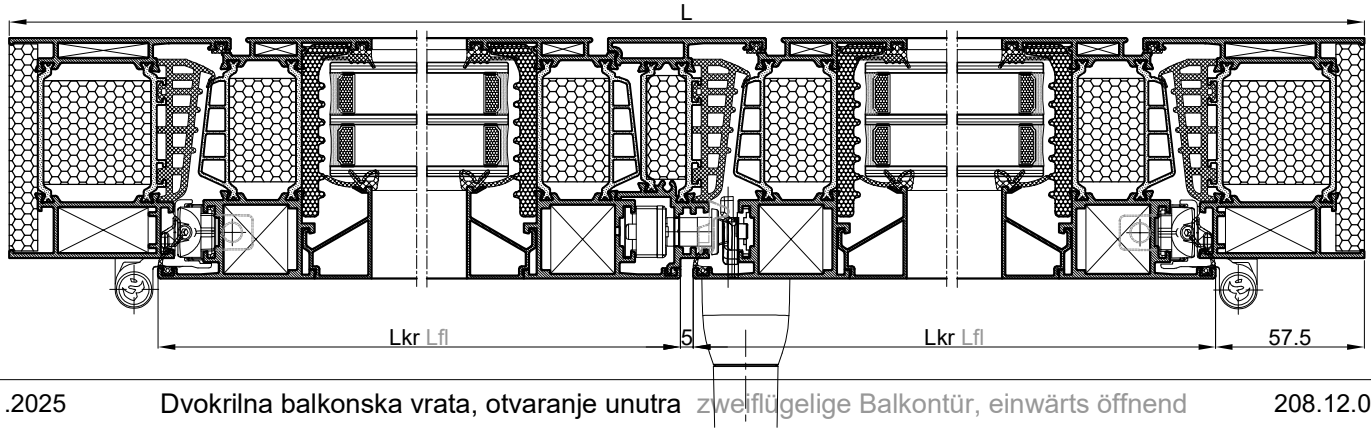
| BRTVE DICHTUNGEN | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | 2L+3H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | 2L+3H | |
| 317.002 | brtva u krilu | Flügeldichtung | 2L+3H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 2 |

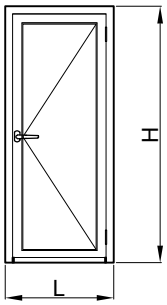
ISPUNA PO OPSEGU STAKLA
GLASFALZDÄMMUNG

| | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 4Lkr Lfl + 4Hkr Hfl | 1 |

| STAKLO GLAS | | mjera Abmessung | kom. Stck. |
|---|---|---|---|
| 44mm | | Lkr Lfl -133 x Hkr Hfl - 133 | 2 |

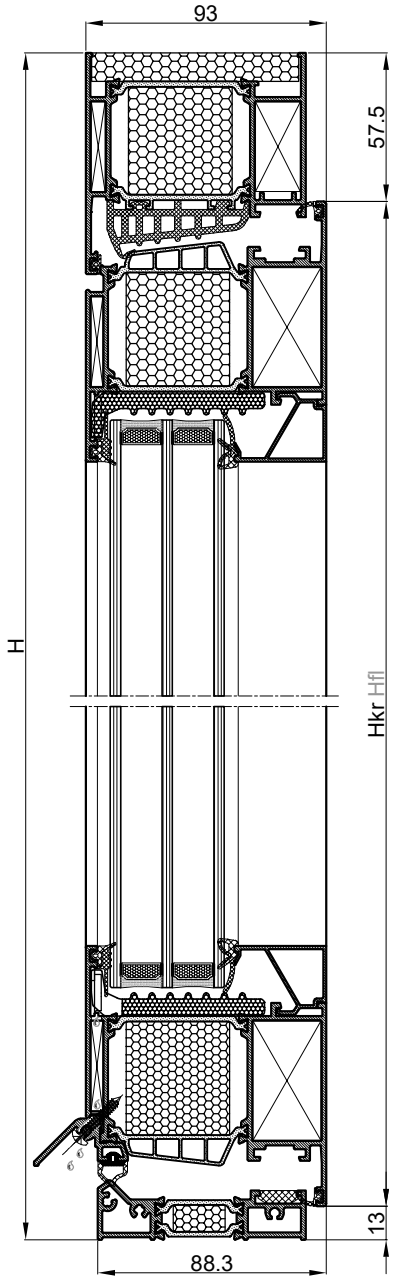





Rezna lista Schnittliste

Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1211
Prag Schwelle: FT-1231



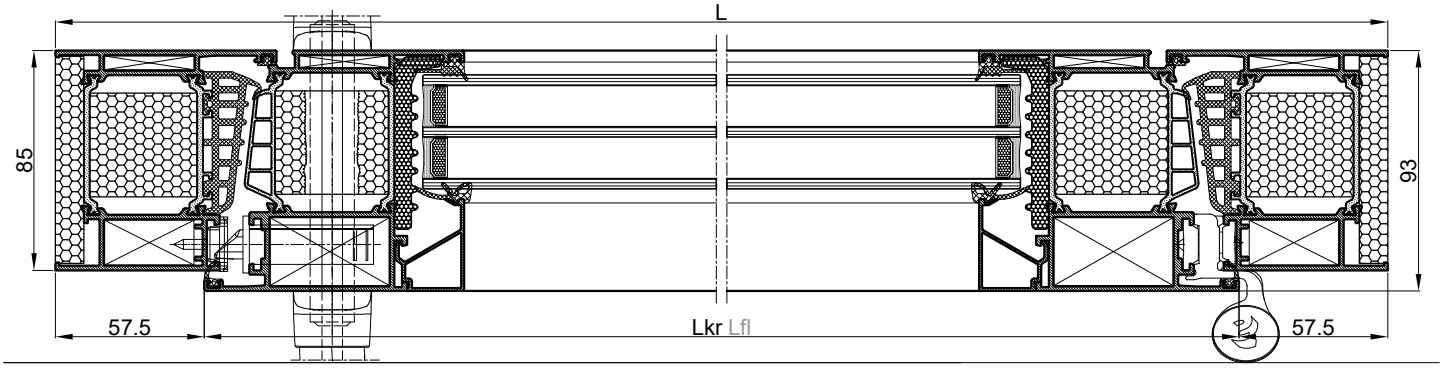

| PROFILI PROFILE | | | kom. Stck. | mjera Abmessung | kut pilanja Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 1 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-90 |
| FT-1211 | hor.krila | hor.Flügel | 2 | Lkr Lfl=L-115 | 45-45 |
| FT-1211 | vert.krila | vert.Flügel | 2 | Hkr Hfl=H-70.5 | 45-45 |
| FT-1231 | profil praga | Schwellenprofil | 1 | L -168 | 90-90 |
| Z40-669/P | hor.staklo lajsna krila | hor.Glasleiste | 2 | Lkr Lfl -157 | 90-90 |
| Z40-669/P | vert.staklo lajsna krila | vert.Glasleiste | 2 | Hkr Hfl -201 | 90-90 |
| F-1567 | okapnica | Wetterschenkel | 1 | Lkr Lfl -78 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

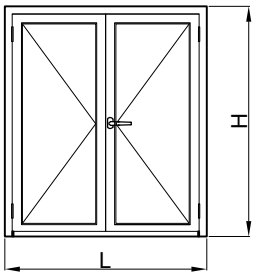
| OKOVI BESCHLÄGE | | | kom. Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.435 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.434 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 4 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 124.001 | brava 35 mm s jezičkom | Schloss 35 mm mit der Falle | 1 |
| 126.028 | uložak (cilindar) za bravu 35mm | Profilzylinder 35mm | 1 |
| 124.032 | štitnik cilindra za bravu | Profilzylinderrosette | par Paar |
| 124.003 | prihvatnik jezička brave (šild) | Schließplatte | 1 |
| 104.009 | ručka za vrata | Türgriff | 1 |
| 114.001 | dvodijelna šarka | zweiteiliges Band | 2 |
| 363.064 | čep-umetak za profil praga | Einsatz für Schwellenprofil | par Paar |
| 373.055 | čep-umetak za profil okapnice | Endstück für Wetterschenkelprofil | par Paar |

| BRTVE DICHTUNGEN | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | L+2H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | L+2H | |
| 317.002 | brtva u krilu | Flügeldichtung | 2L+2H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+2H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 2 |
| 348.088 | brtva prema pragu | Schwellendichtung | L | |
| 344.058 | brtva u pragu | Dichtung in Schwellenprofil | L | |

| ISPUNA PO OPSEGU STAKLA GLASFALZDÄMMUNG | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 2L + 2H | 1 |

| STAKLO GLAS | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 44mm | | | Lkr Lfl -169 x Hkr Hfl - 169 | 1 |






Rezna lista Schnittliste
Ram Blendrahmen : FT-1200
Krilo Flügel: FT-1211
Kombatuta Stulpprofil: FT-1230
Prag Schwelle: FT-1231

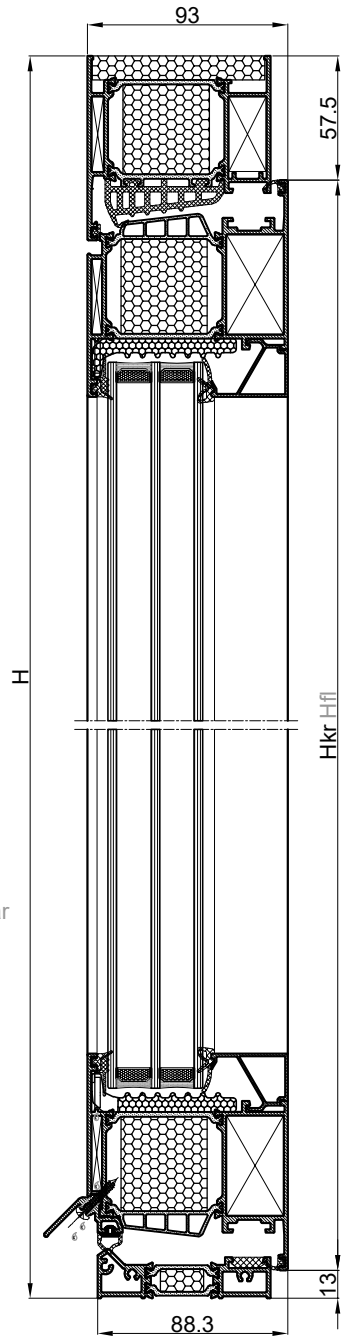
| PROFILI PROFILE | | | kom. Stck. | mjera Abmessung | kut pilanja Sägewinkel |
|---|---|---|---|---|---|
| FT-1200 | hor.okvira | hor.Blendrahmen | 1 | L | 45-45 |
| FT-1200 | vert.okvira | vert.Blendrahmen | 2 | H | 45-90 |
| FT-1211 | hor.krila | hor.Flügel | 4 | Lkr Lfl=(L-120)/2 | 45-45 |
| FT-1211 | vert.krila | vert.Flügel | 4 | Hkr Hfl=H-70.5 | 45-45 |
| FT-1230 | profil kombatute | Stulpprofil | 1 | Hkr Hfl -70 | 90-90 |
| FT-1231 | profil praga | Schwellenprofil | 1 | L-168 | 90-90 |
| Z40-669/P | hor.staklo lajsna krila | hor.Glasleiste | 4 | Lkr Lfl -157 | 90-90 |
| Z40-669/P | vert.staklo lajsna krila | vert.Glasleiste | 4 | Hkr Hfl -201 | 90-90 |
| F-1567 okapnica (glav.krilo) | | Wetterschenkel (Hauptfl.) | 1 | Lkr Lfl -78 | 90-90 |
| F-1567 okapnica (pom.krilo) | | Wetterschenkel (Stulpfl.) | 1 | Lkr Lfl -11 | 90-90 |
| NC-1459 | profil klizača | Schubprofil | | | 90-90 |

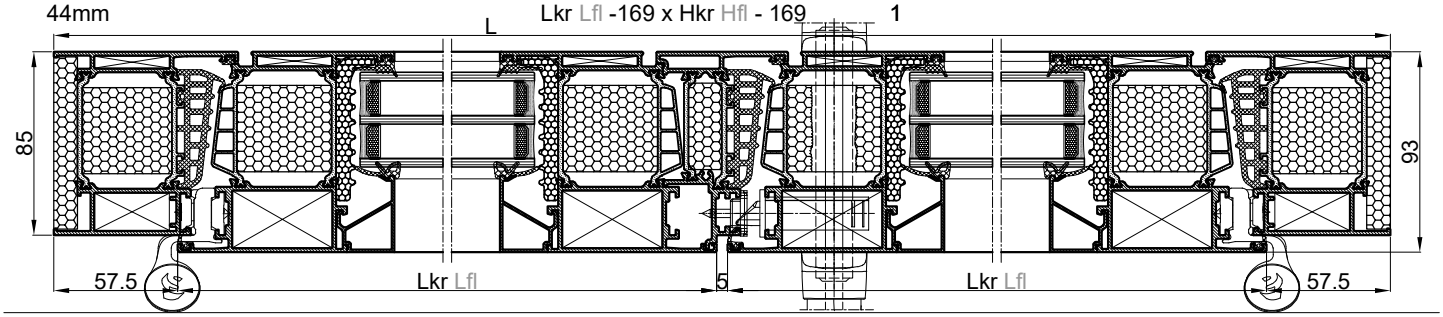
| OKOVI BESCHLÄGE | | | kom. Stck. |
|---|---|---|---|
| 710.409 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.435 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 710.408 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 710.434 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 731.010 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica krila | Eckverbinder des Flügels | 8 |
| 730.001 | kutna spojnica okvira | Eckverbinder des Blendrahmens | 2 |
| 124.001 | brava 35 mm s jezičkom | Schloss 35 mm mit der Falle | 1 |
| 126.028 | uložak (cilindar) za bravu 35 mm | Profilzylinder 35 mm | 1 |
| 124.032 | štitnik cilindra za bravu | Profilzylinderrosette | par Paar |
| 124.003 | prihvatnik jezička brave (šild) | Schließplatte | 1 |
| 104.009 | ručka za vrata | Türgriff | 1 |
| 114.001 | dvodijelna šarka | zweiteiliges Band | 4 |
| 144.003 | zapinjač-krakun za vrata | Türkantriegel | 2 |
| 363.063 | čep-umetak za profil kombatute | Stulpdichtung | par Paar |
| 363.064 | čep-umetak za profil praga | Einsatz für Schwellenprofil | par Paar |
| 373.055 | čep-umetak za profil okapnice | Endstück für Wetterschenkelprofil | 2 para 2 Paar |

| BRTVE DICHTUNGEN | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 337.001 | centralna brtva | Mitteldichtung | L+3H | |
| 327.002 | brtva u ramu | Blendrahmendichtung | L+3H | |
| 317.002 | brtva u krilu | Flügeldichtung | L+3H | |
| 327.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 317.001 | brtva prema staklu | Glasdichtung | 2L+4H | |
| 366.015 | kutni umetak brtve | Dichtungsecke | | 2 |
| 348.088 | brtva prema pragu | Schwellendichtung | L | |
| 344.058 | brtva u pragu | Dichtung in Schwellenpr. | L | |

| ISPUNA PO OPSEGU STAKLA GLASFALZDÄMMUNG | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 340.142 | Izolacijski umetak | Isolierzwischenlage | 4Lkr Lfl + 4Hkr Hfl | 1 |
| 340.143 | Izolacijski umetak | Isolierzwischenlage | L + 2H | 1 |

| STAKLO GLAS | | | mjera Abmessung | kom. Stck. |
|---|---|---|---|---|
| 44mm | | | Lkr Lfl -169 x Hkr Hfl - 169 | 1 |



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# TERMO **85 PA**

Travanj 2026. / *April 2026*

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