

**ICB40****KATLANIR ISICAMLI  
CAM BALKON SİSTEMİ****ICB40****HEAT INSULATED FOLDING  
BALCONY GLAZING SYSTEM**

- 30 mm çift cam kalınlığı
- Maximum kanat genişliği: 600 mm
- Maximum kanat genişliği: 2.900 mm
- Açılı balkonlara özel çözümler
- Havuz kollu veya mandal kollu ispanyolet kilit sistemi
- İki cam arası jaluzi uygulama

- 30 mm double-glazing thickness
- Max. 600 mm sash width
- Max. 2.900 mm sash height
- Special solutions for angled balconies
- Espagnolette lock system with sunken or ratchet handle
- Ability to use jalousie/venetian blind between glasses

**NEW**

# ICB40

## KATLANIR ISICAMLI CAM BALKON S STEM

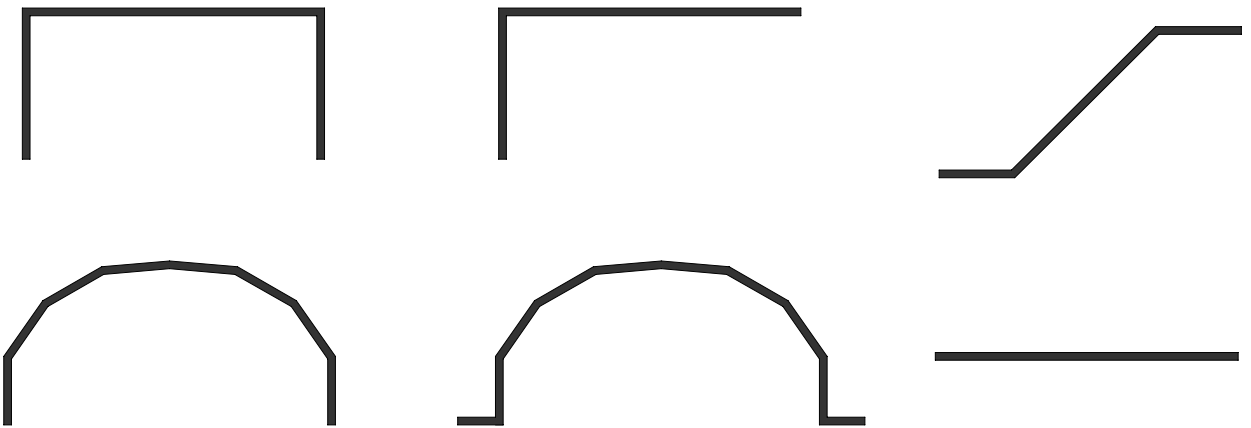
(HEAT INSULATED FOLDING BALCONY GLAZING SYSTEM)



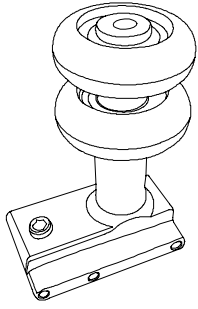
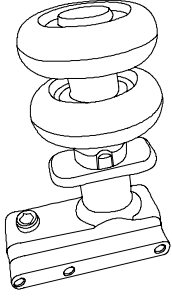
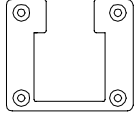
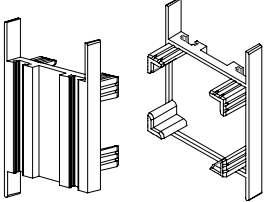
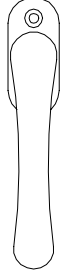
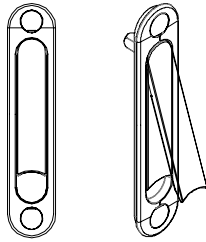
## TEKNİK ÖZELLİKLER / TECHNICAL SPECIFICATIONS

- 30 MM ÇİFT CAM KALINLIĞI / 30mm Double-Glazing Thickness
- MAKSİMUM KANAT GENİRLİĞİ 600 MM / Max.600mm Sash Width
- MAKSİMUM KANAT YÜKSEKLİĞİ 2,900 MM / Max.2,900mm Sash Height
- AÇILI BALKONLARA ÖZEL ÇÖZÜMLER / Special Solutions for Angled Balconies
- HAVUZ KOLLU VEYA MANDAL KOLLU SPANYOLET KİLİT SİSTEMİ / Espagnolette Lock System with Sunken or Ratchet Handle
- KAM ARASI JALUZ UYGULAMA / Ability to use Jalousie/Venetian Blind Between Glasses

## UYGULAMA ŞEKİLLERİ / APPLICATION SHAPES

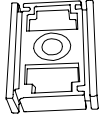
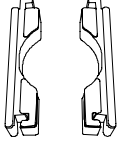
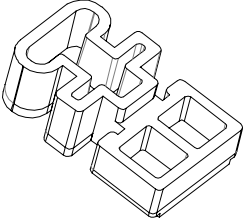
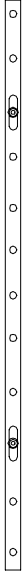
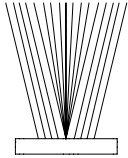
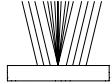


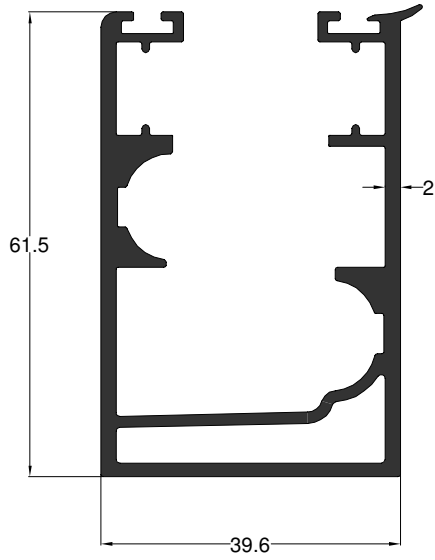
|  | PROF L KODU<br>PROFILE CODE | PROF L ADI<br>PROFILE NAME                          | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> | A IRLIK (kg/m)<br>WEIGHT |
|--|-----------------------------|-----------------------------------------------------|--------------------|--------------------|--------------------------|
|  | 11551                       | KASA PROF L<br>FRAME PROFILE                        |                    |                    | 1,371 kg/mt              |
|  | 11552                       | BAZA PROF L<br>BASE PROFILE                         |                    |                    | 0,724 kg/mt              |
|  | 11553                       | KANAT PROF L<br>SASH PROFILE                        |                    |                    | 0,420 kg/mt              |
|  | 11554                       | KANAT K L TLEME<br>PROF L<br>SASH LOCKING PROFILE   |                    |                    | 0,816 kg/mt              |
|  | 11555                       | KANAT KÖ E 90°<br>DÖNÜ PROF L<br>90° CORNER PROFILE |                    |                    | 0,714 kg/mt              |
|  | 11799                       | EKSENAL KÖ E<br>DÖNÜ PROF L<br>AXIAL CORNER PROFILE |                    |                    | 0,443 kg/mt              |
|  | 11800                       | EKSENAL KÖ E<br>DÖNÜ PROF L<br>AXIAL CORNER PROFILE |                    |                    | 0,618 kg/mt              |
|  | 1022                        | DÖNÜ PROF L<br>KAPA I<br>CORNER PROFILE COVER       |                    |                    | 0,073 kg/mt              |
|  |                             |                                                     |                    |                    |                          |
|  |                             |                                                     |                    |                    |                          |

| AKSESUAR<br>ACCESSORY                                                               | STOK KODU<br>REFERENCE CODE | AKSESUAR ADI<br>DESCRIPTION                                    | AKSESUAR KODU<br>PRODUCT CODE |  | PAKET<br>PACK |
|-------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------|-------------------------------|--|---------------|
|    | 13 400100                   | DÜZ KANAT TEKER<br>ROLLER FOR STRAIGHT SASH                    |                               |  |               |
|    | 13 400101                   | PARK KANAT TEKER<br>SASH FIXING ROLLER                         |                               |  |               |
|    | 13 400105                   | TEKER ÇIKI KLAVUZU<br>ROLLER EXIT GUIDE                        |                               |  |               |
|  | 13 400112                   | KANAT TEKER KLAVUZU<br>(Deve Boynu)<br>SASH ROLLER GUIDE       |                               |  |               |
|  | 13 400113                   | KANAT K L TLEME PROF L<br>KAPA I<br>SASH LOCKING PROFILE COVER |                               |  |               |
|  | 01 200315                   | MANDAL KOL(NATURAL)<br>RATCHET HANDLE(NATURAL)                 |                               |  |               |
|                                                                                     | 01 200312                   | MANDAL KOL(BEYAZ)<br>RATCHET DOOR HANDLE(WHITE)                |                               |  |               |
|                                                                                     | 01 200310                   | MANDAL KOL(S YAH)<br>RATCHET HANDLE(BLACK)                     |                               |  |               |
|  | 13 400114                   | HAVUZ KOL<br>SUNKEN HANDLE                                     |                               |  |               |

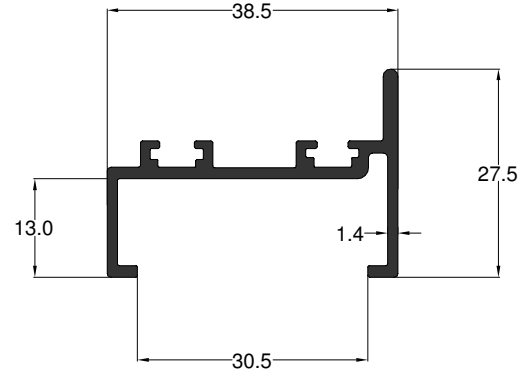


| AKSESUAR<br>ACCESSORY | STOK KODU<br>REFERENCE CODE | AKSESUAR ADI<br>DESCRIPTION               | AKSESUAR KODU<br>PRODUCT CODE |  | PAKET<br>PACK |
|-----------------------|-----------------------------|-------------------------------------------|-------------------------------|--|---------------|
|                       | 13 400108                   | LK KANAT ALT P M<br>FIRST SASH BOTTOM PIN |                               |  |               |
|                       | 13 400109                   | LK KANAT ÜST P M<br>FIRST SASH TOP PIN    |                               |  |               |
|                       | 13 400110                   | KANAT STOPLAMA<br>SASH STOPPER            |                               |  |               |
|                       | 13 400111                   | TEKER ÇIKI KAPA I<br>ROLLER EXIT COVER    |                               |  |               |
|                       | 03 015750<br>YK-400         | KANAT F T L<br>SASH GASKET                |                               |  |               |
|                       | 06 150505                   | K L T KAR ILI I<br>LOCK STRIKER           |                               |  |               |
|                       | 03 080100                   | KANAT PVC F T L<br>SASH PVC GASKET        |                               |  |               |

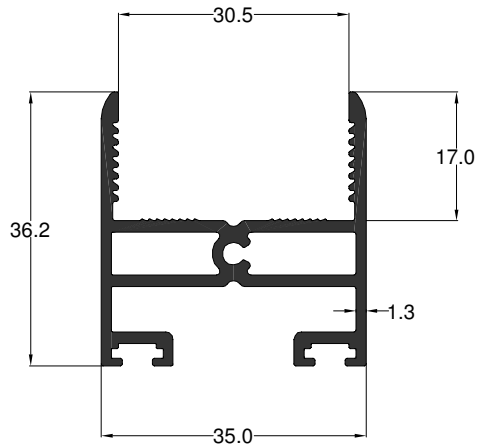
| AKSESUAR<br>ACCESSORY                                                               | STOK KODU<br>REFERENCE CODE | AKSESUAR ADI<br>DESCRIPTION                                                                | AKSESUAR KODU<br>PRODUCT CODE |  | PAKET<br>PACK |
|-------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|-------------------------------|--|---------------|
|    | 13 400106                   | SINIRSIZ PARK<br>SAB TLEME-GÖVDE<br>(Bakla Takımı)<br>EXPANDABLE FIXING<br>SLOT-BODY       |                               |  |               |
|    | 13 400104                   | SINIRSIZ PARK<br>SAB TLEME-EKLEME<br>(Bakla Takımı)<br>EXPANDABLE FIXING<br>SLOT-EXPANSION |                               |  |               |
|    | 13 400107                   | D KME TAKOZU<br>STRUT WEDGE                                                                |                               |  |               |
|   | 06 010452 - 80cm            | SPANYOLET<br>MEKAN ZMASI<br>ESPAGNOLETTE MECHANISM                                         |                               |  |               |
|                                                                                     | 06 010453 - 100cm           |                                                                                            |                               |  |               |
|                                                                                     | 06 010454 - 120cm           |                                                                                            |                               |  |               |
|                                                                                     | 06 010455 - 140cm           |                                                                                            |                               |  |               |
|                                                                                     | 06 010456 - 160cm           |                                                                                            |                               |  |               |
|                                                                                     | 06 010457 - 180cm           |                                                                                            |                               |  |               |
|  | 03 050712                   | KANAT FIRÇA F T L<br>68-1000<br>SASH WEATHER STRIP<br>(68-1000)                            |                               |  |               |
|  | 03 050707                   | KANAT FIRÇA F T L<br>68-550<br>SASH WEATHER STRIP<br>(68-1000)                             |                               |  |               |



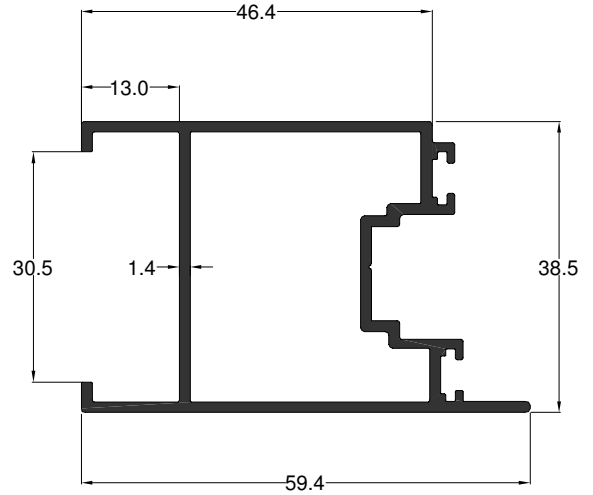
| Kasa Profili  | Profil Kodu | (kg/mt) | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|---------------|-------------|---------|--------------------|--------------------|
| FRAME PROFILE | 11551       | 1,371   |                    |                    |



| Kanat Profili | Profil Kodu | (kg/mt) | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|---------------|-------------|---------|--------------------|--------------------|
| SASH PROFILE  | 11553       | 0,420   |                    |                    |

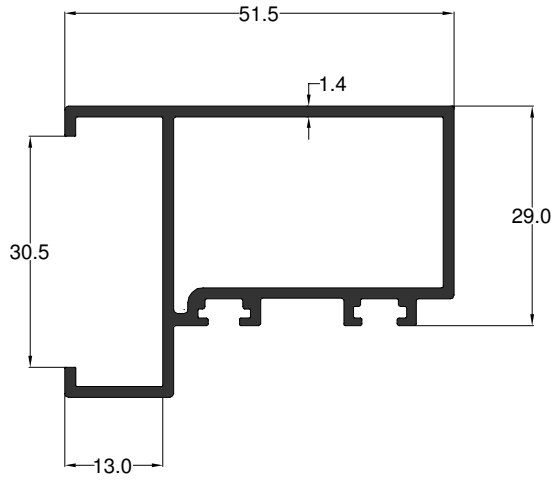


| Baza Profili | Profil Kodu | (kg/mt) | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|--------------|-------------|---------|--------------------|--------------------|
| BASE PROFILE | 11552       | 0,724   |                    |                    |

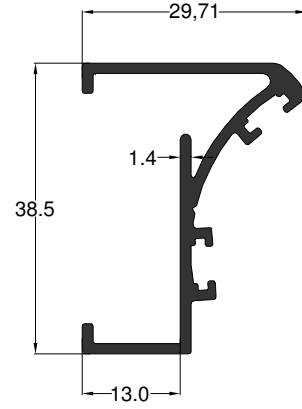


| Kanat Kitleme Profili | Profil Kodu | (kg/mt) | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|-----------------------|-------------|---------|--------------------|--------------------|
| SASH LOCKING PROFILE  | 11554       | 0,816   |                    |                    |

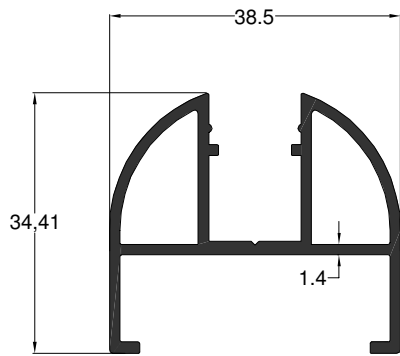




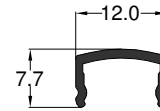
| Kanat Kö e 90°<br>Dönü Profili<br>90° CORNER PROFILE | Profil Kodu<br>Profile Code | (kg/mt)<br>Weight | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|------------------------------------------------------|-----------------------------|-------------------|--------------------|--------------------|
|                                                      | 11555                       | 0,714             |                    |                    |



| Eksenal Kö e<br>Dönü Profili<br>AXIAL CORNER PROFILE | Profil Kodu<br>Profile Code | (kg/mt)<br>Weight | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|------------------------------------------------------|-----------------------------|-------------------|--------------------|--------------------|
|                                                      | 11799                       | 0,443             |                    |                    |

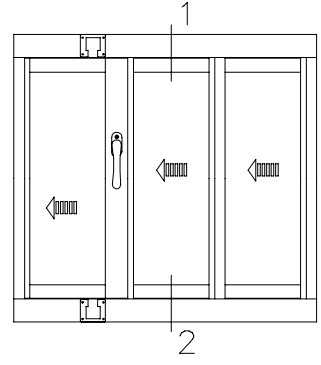
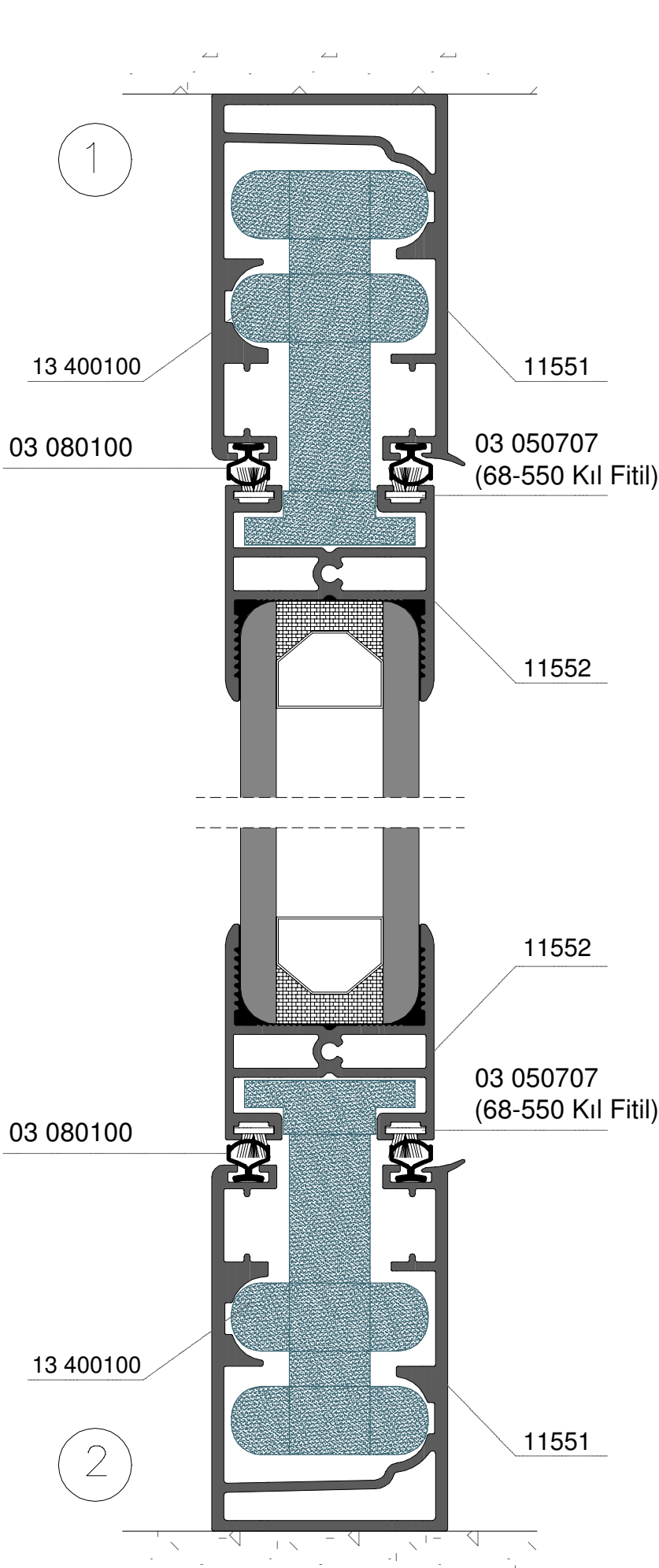


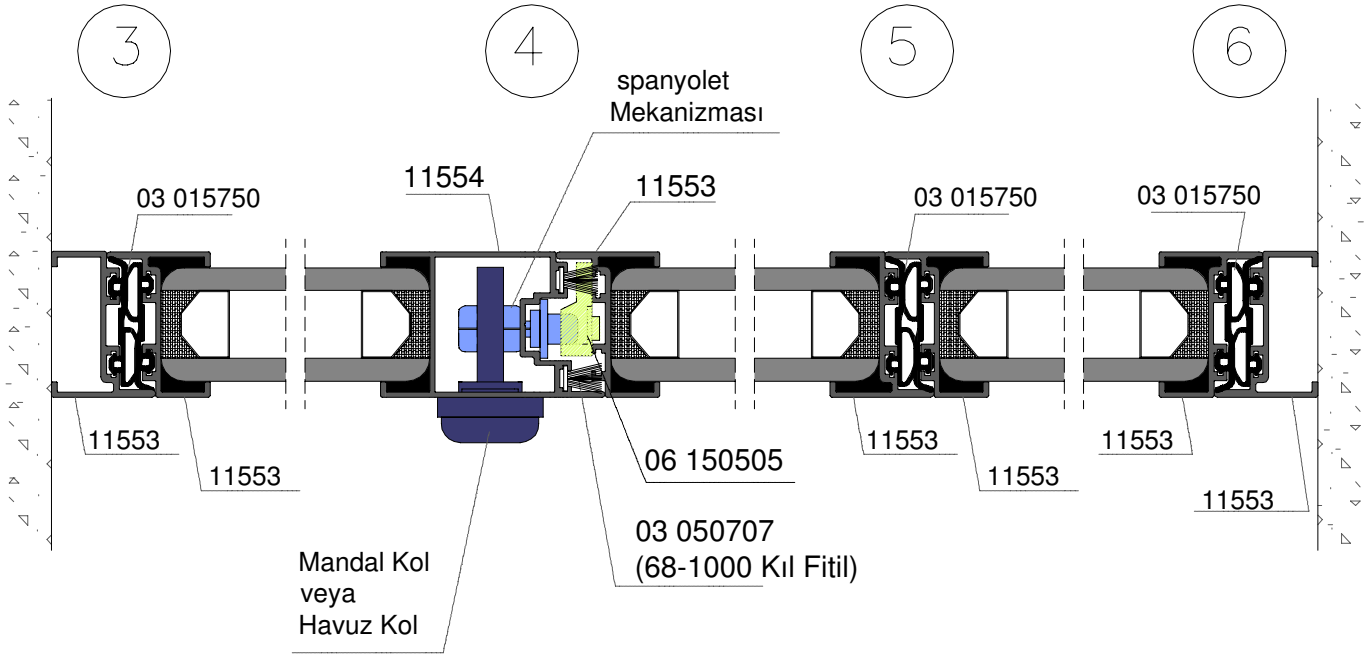
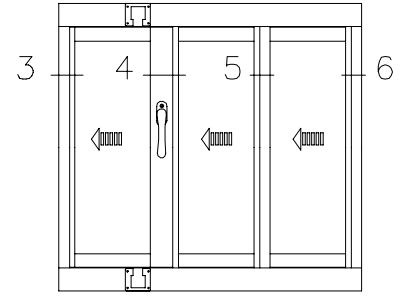
| Eksenal Kö e<br>Dönü Profili<br>AXIAL CORNER PROFILE | Profil Kodu<br>Profile Code | (kg/mt)<br>Weight | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|------------------------------------------------------|-----------------------------|-------------------|--------------------|--------------------|
|                                                      | 11800                       | 0,618             |                    |                    |

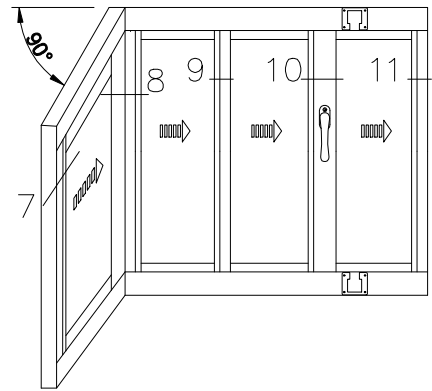
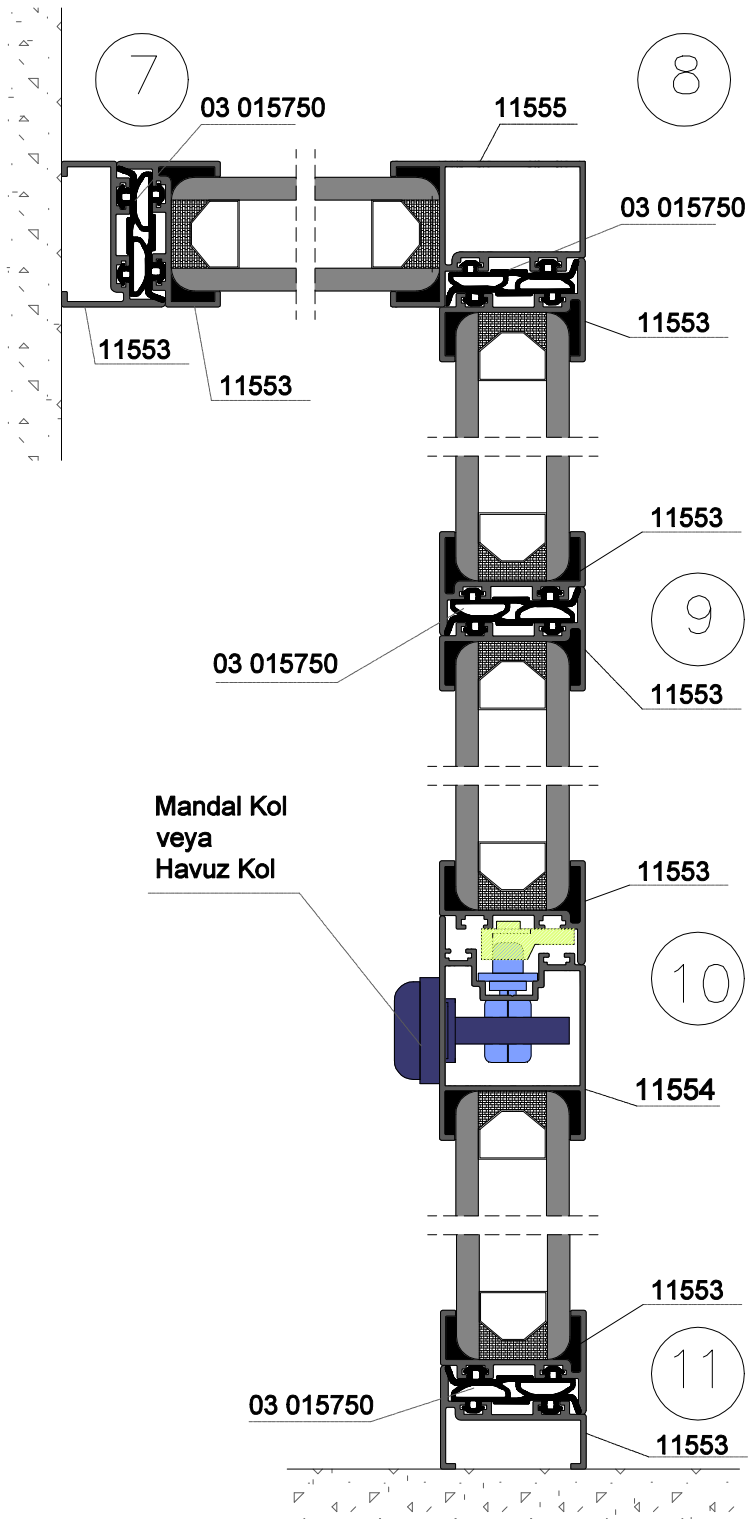


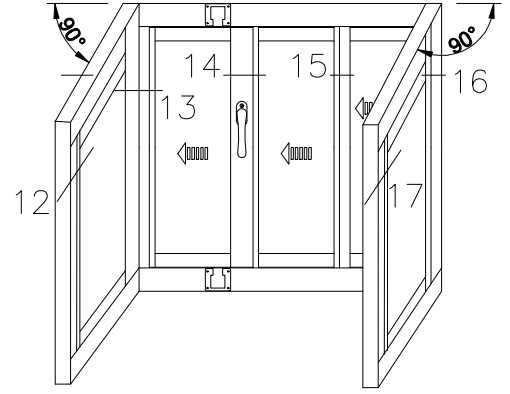
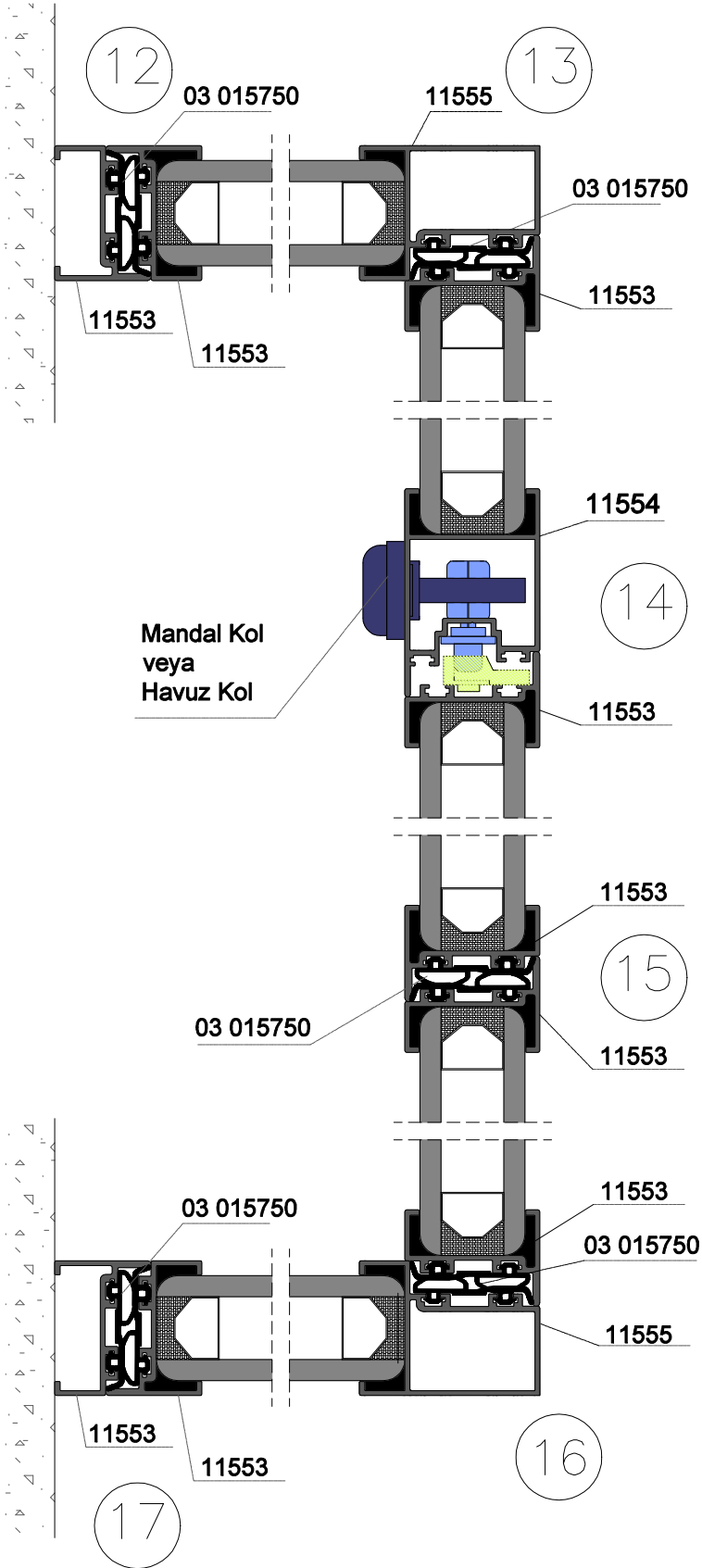
| Dönü Profil Kapa ı<br>CORNER PROFILE COVER | Profil Kodu<br>Profile Code | (kg/mt)<br>Weight | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> |
|--------------------------------------------|-----------------------------|-------------------|--------------------|--------------------|
|                                            | 1022                        | 0,073             |                    |                    |

## DETAYLAR (DETAILS)



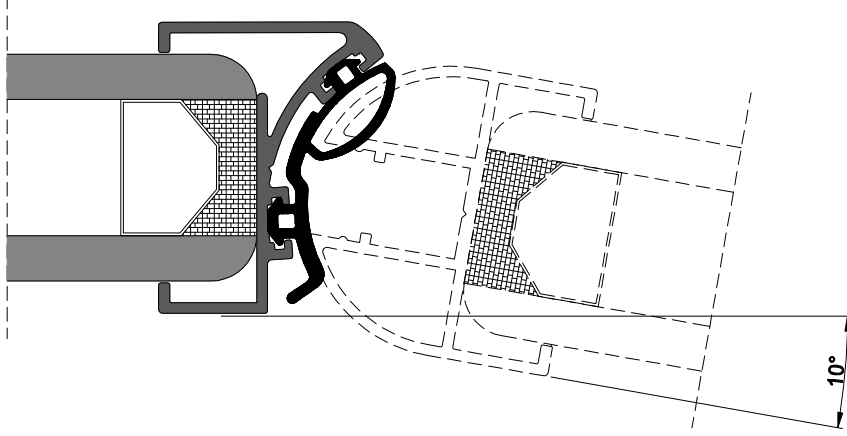




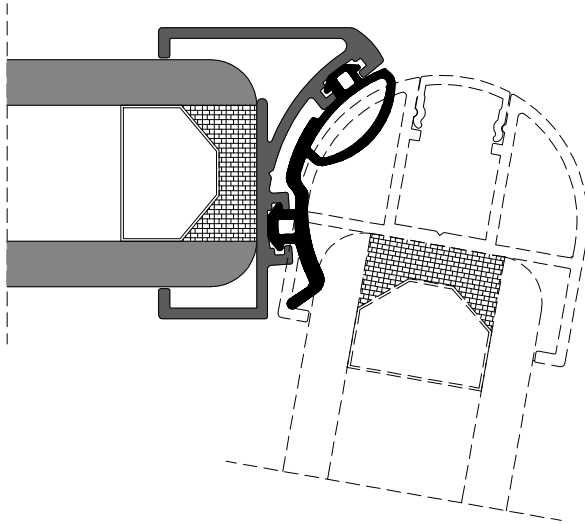


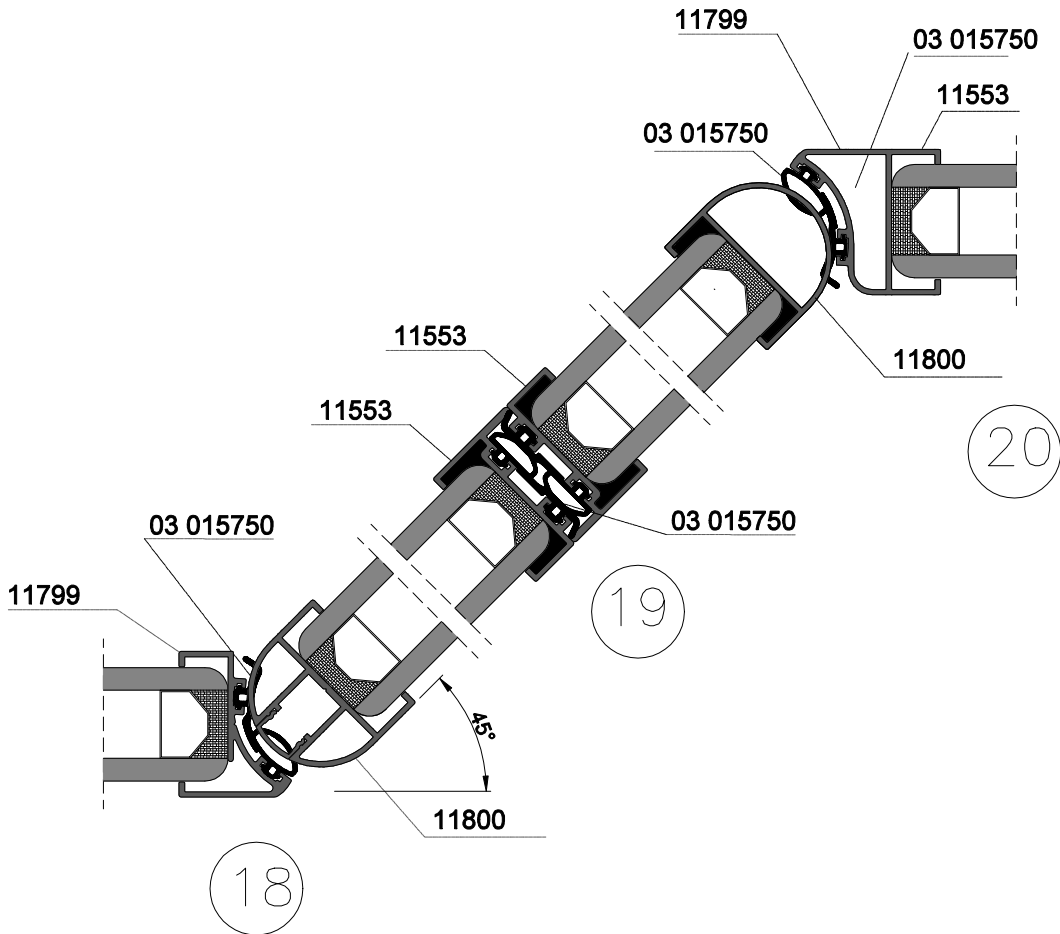
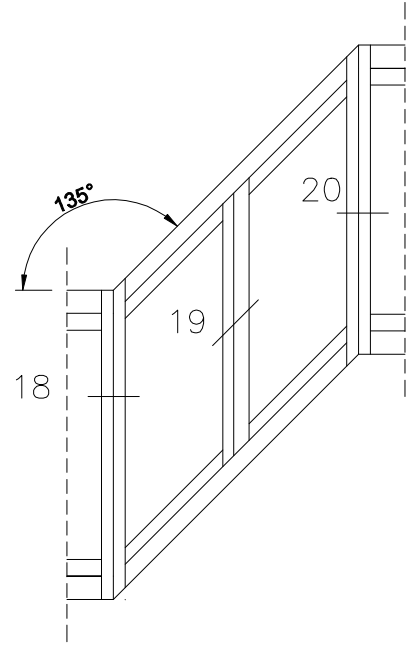
**Minimum Dönüş Açısı**

MINIMUM CORNER ANGLE

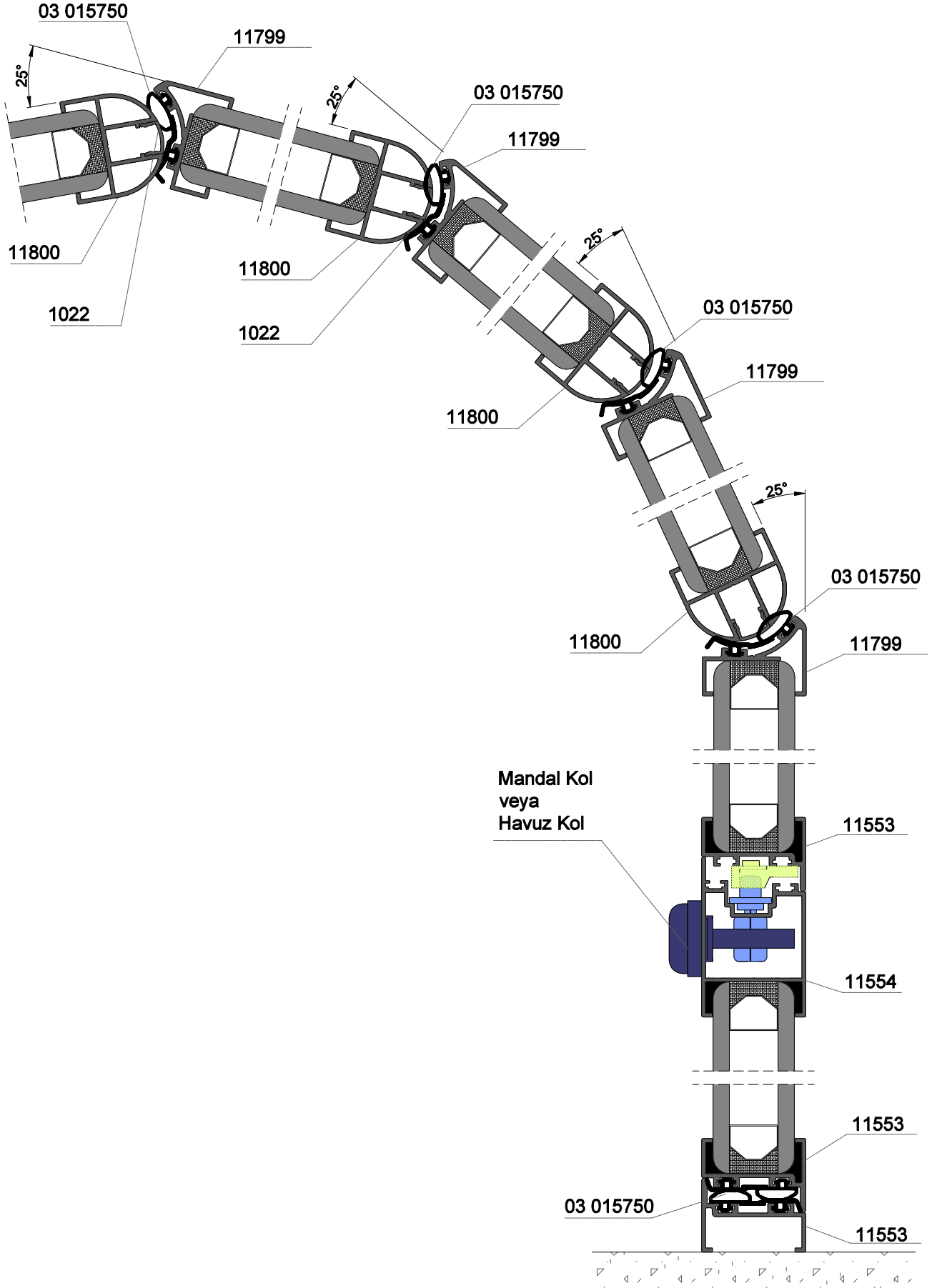
**Maksimum Dönüş Açısı**

MAXIMUM CORNER ANGLE





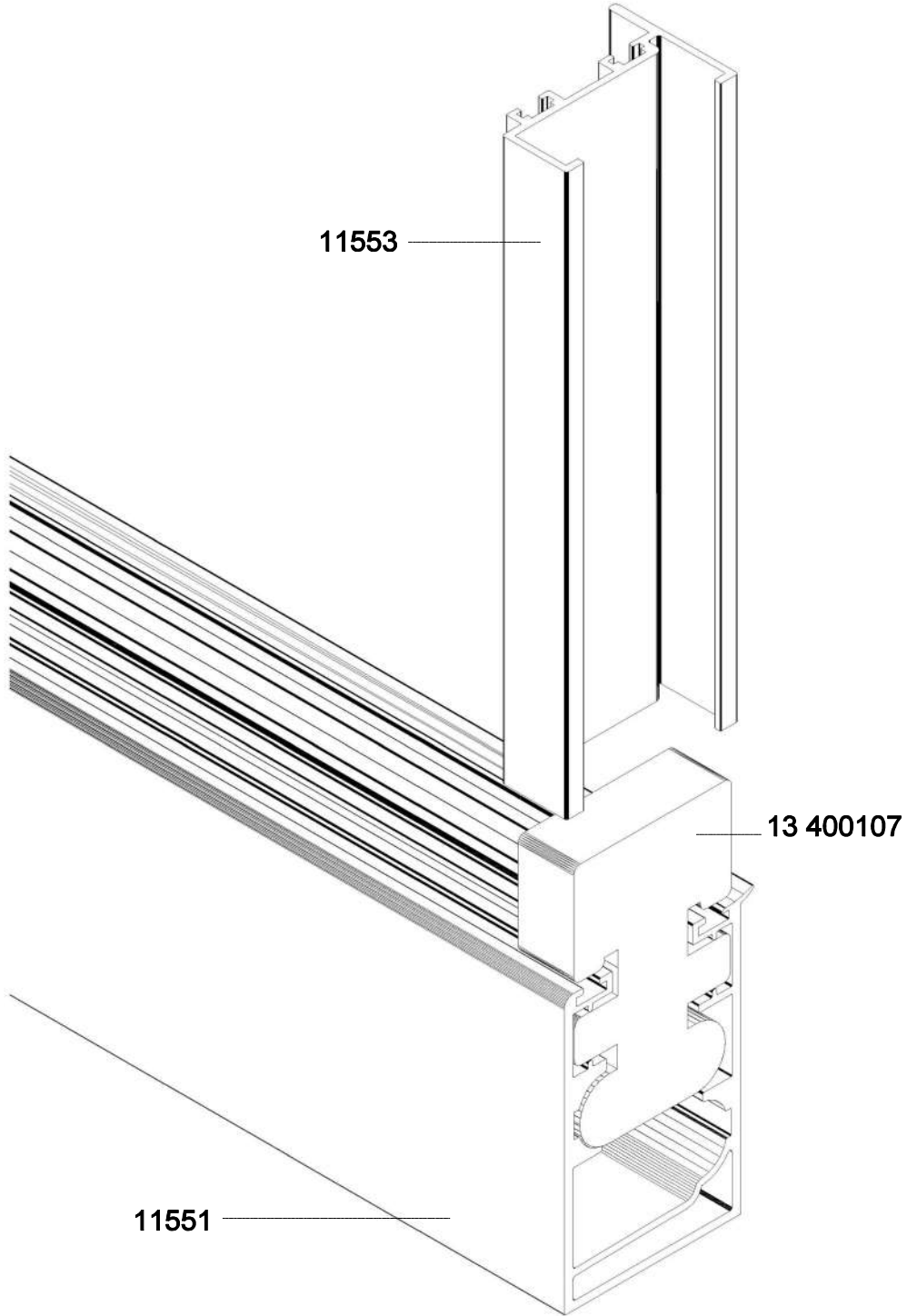




# MONTAJ DETAYLARI (ASSEMBLY DETAILS)

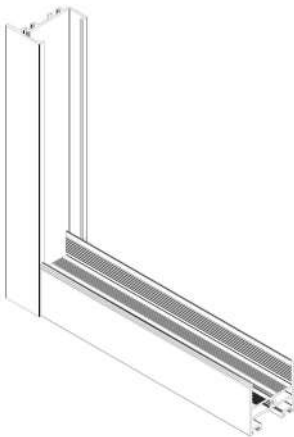
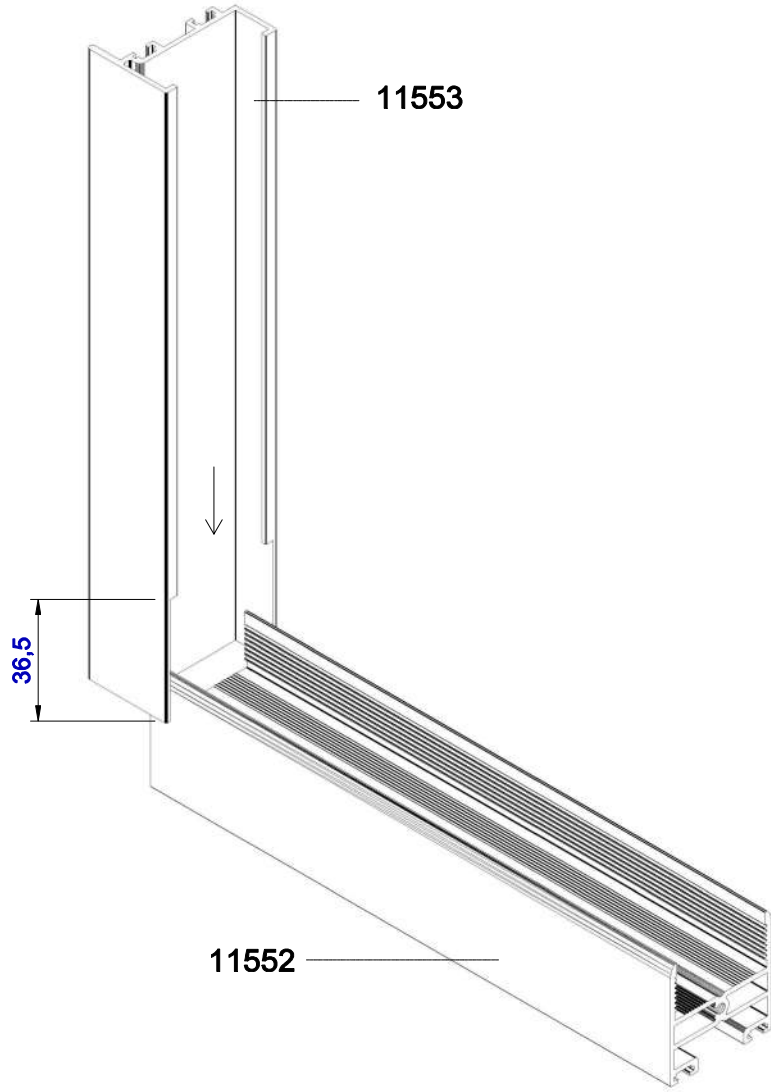
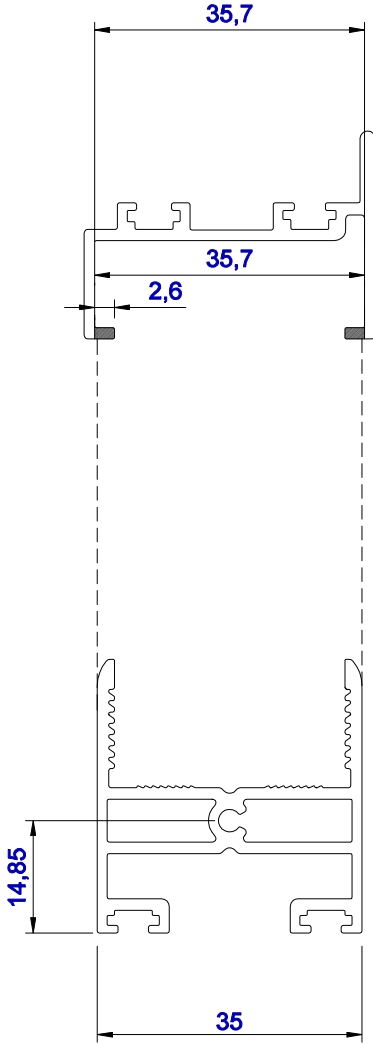
**Kasa ve Dikme Montajı**

FRAME AND STRUT ASSEMBLY



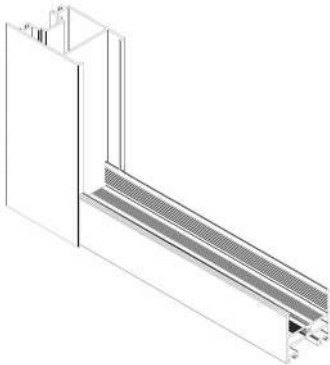
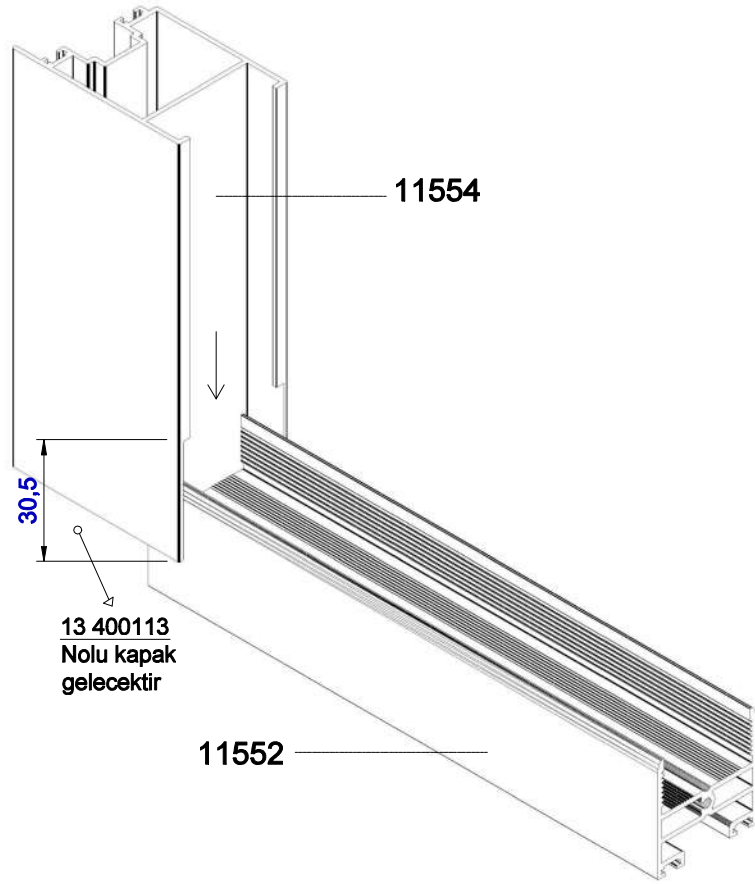
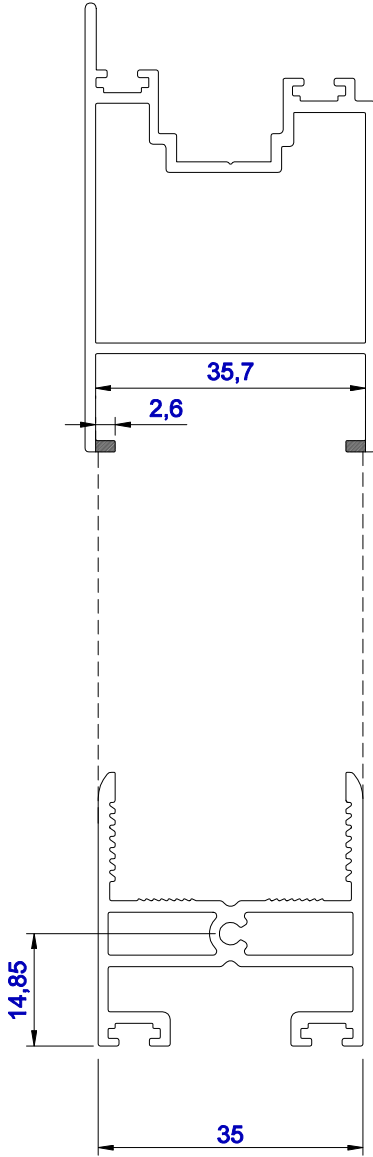
## Alt Baza ve Dikme Kanat Montajı

BOTTOM BASE AND STRUT SASH ASSEMBLY



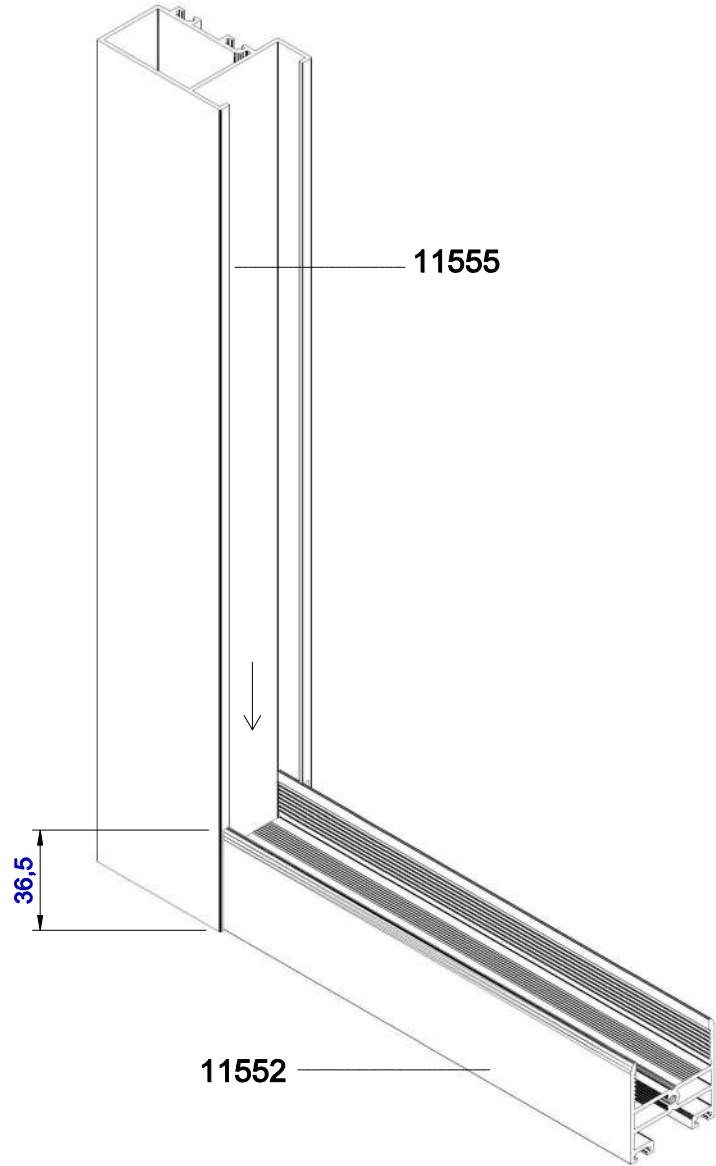
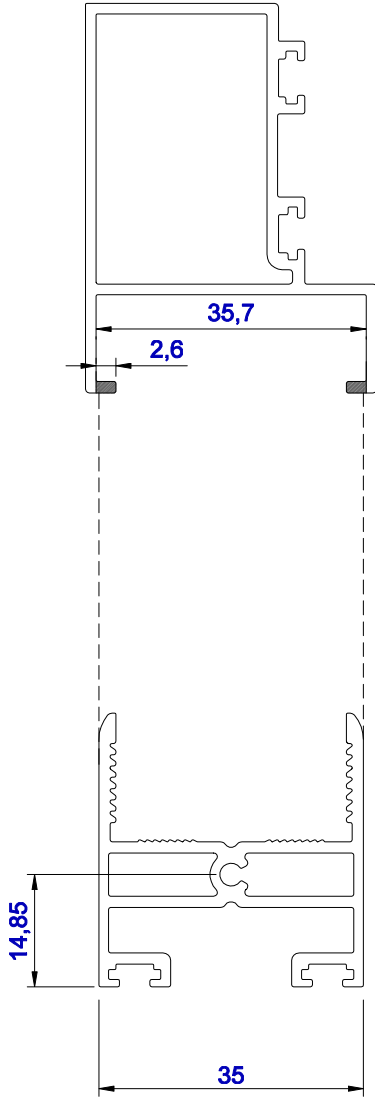
## Alt Baza ve Kilitleme Kanat Montajı

BOTTOM BASE AND LOCKING SASH ASSEMBLY



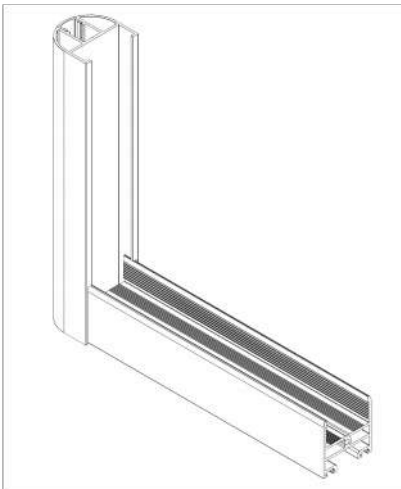
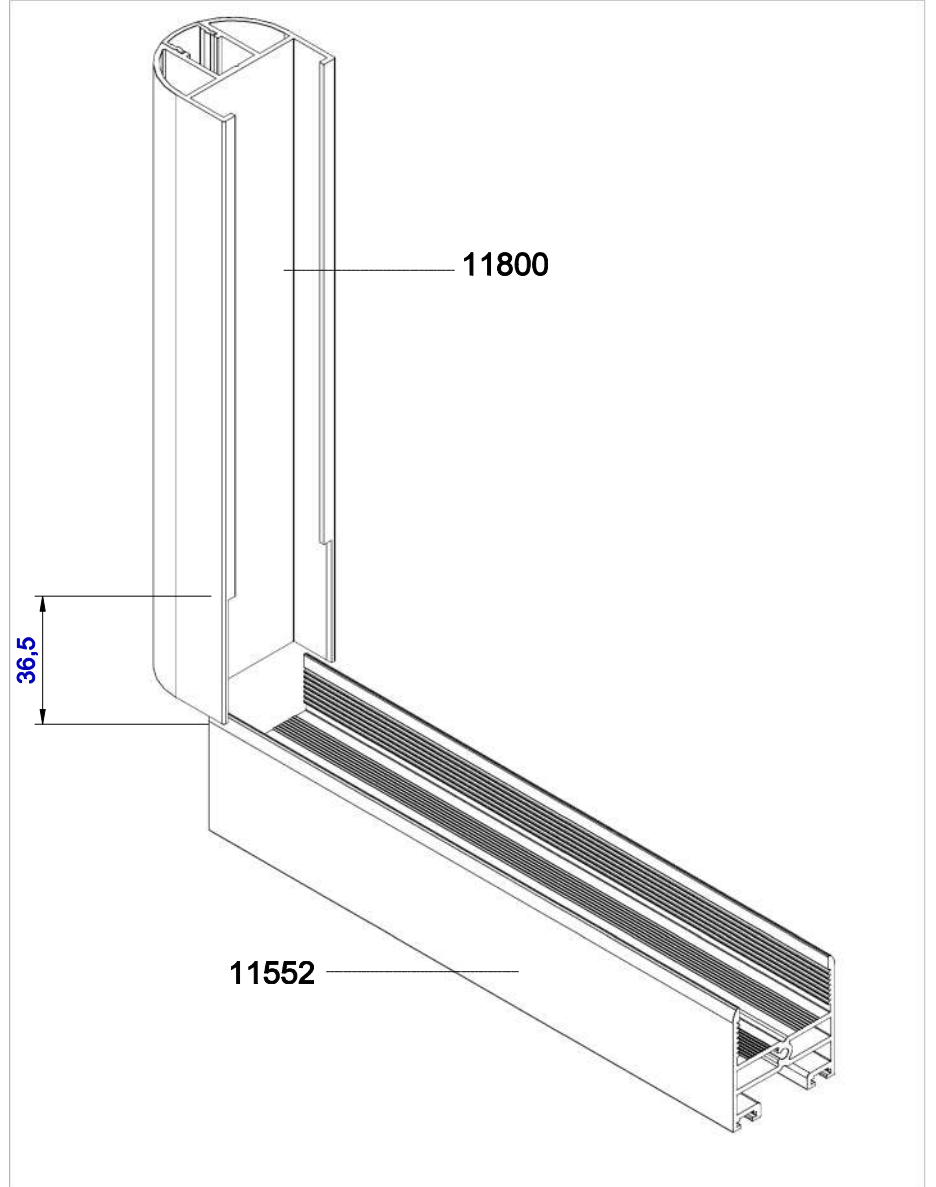
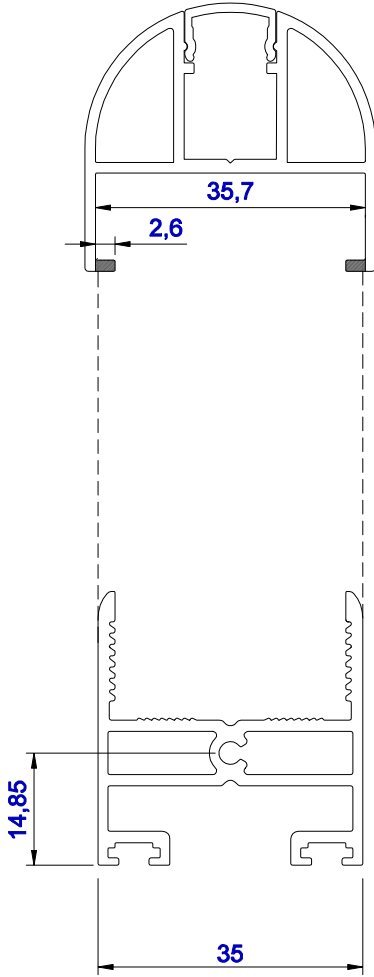
## Alt Baza ve 90° Dönüş Kanat Montajı

BOTTOM BASE AND 90° CORNER SASH ASSEMBLY



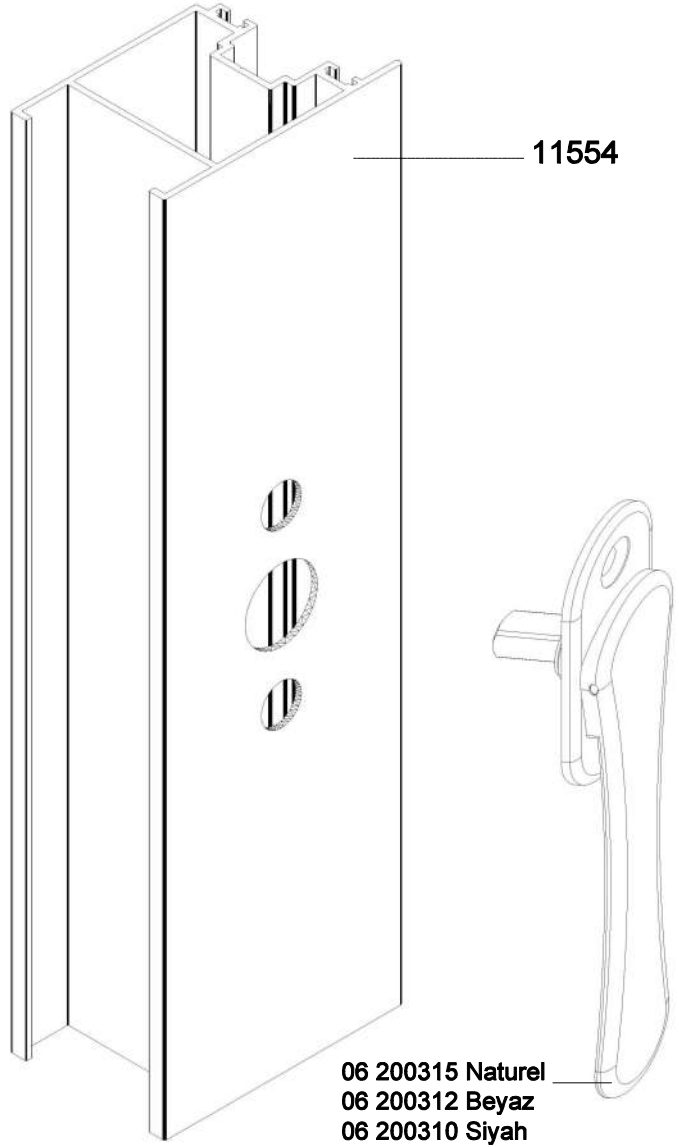
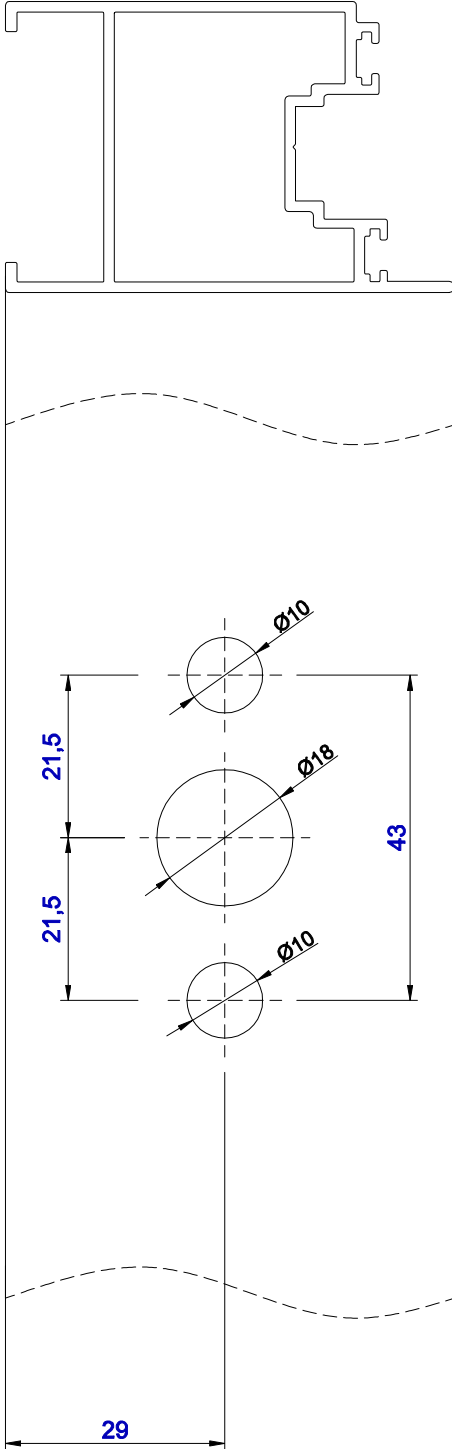
## Alt Baza ve Eksenel Dönüş Kanat Montajı

BOTTOM BASE AND AXIAL CORNER SASH ASSEMBLY



**Mandal Kol Montajı**

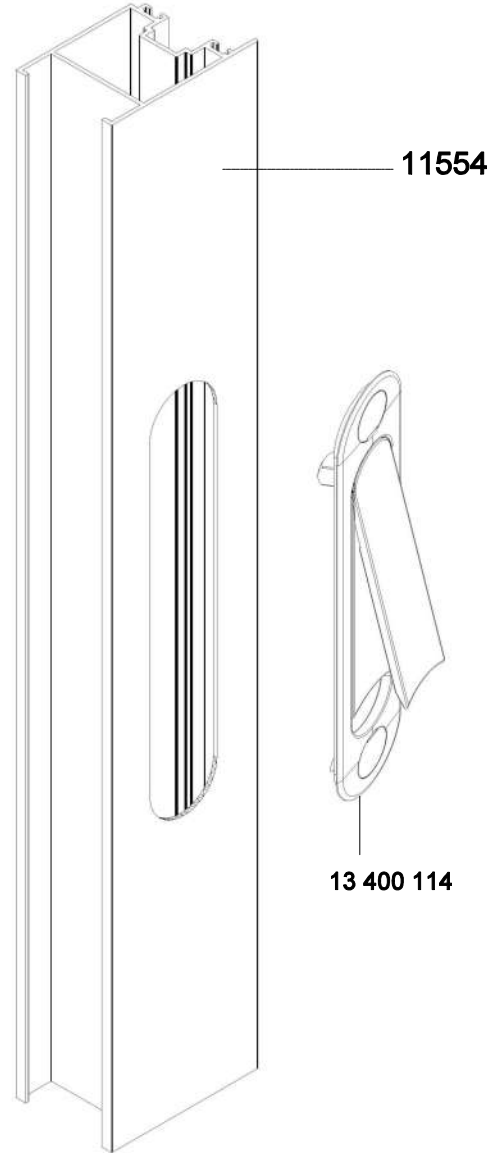
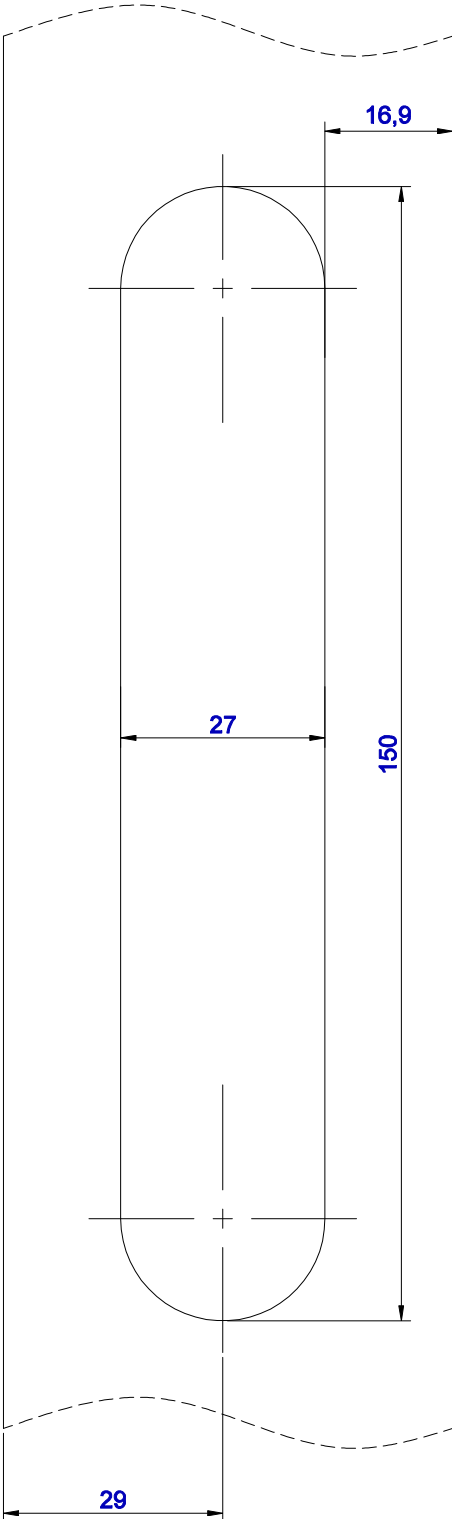
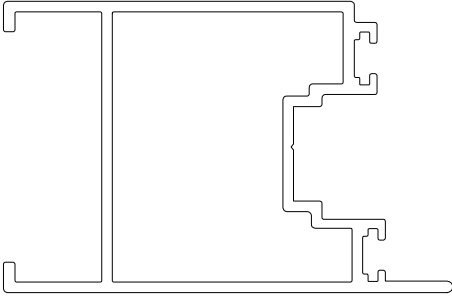
RATCHET HANDLE ASSEMBLY





## Havuz Kol Montajı

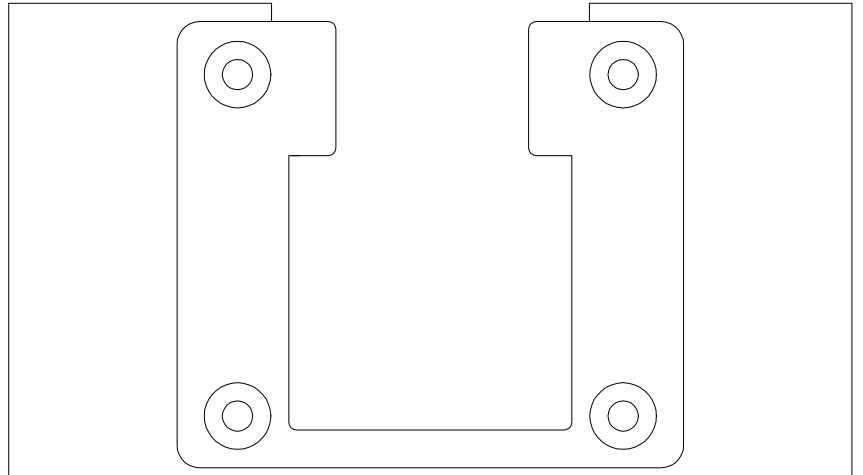
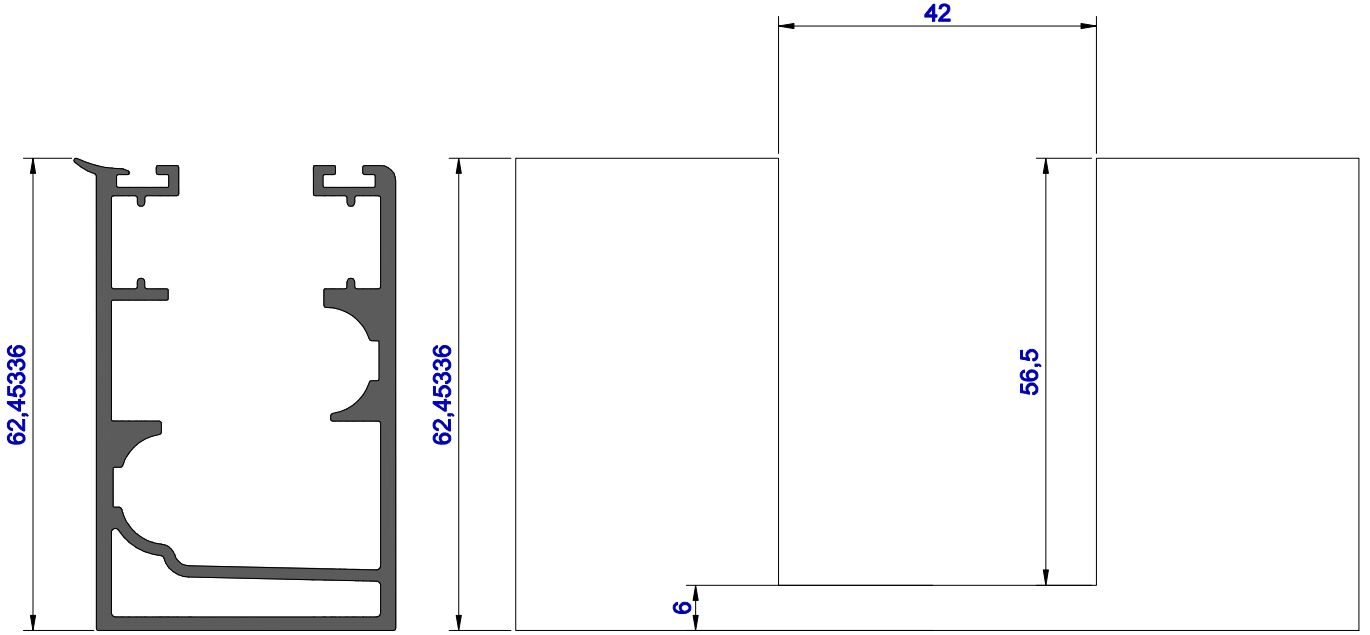
SUNKEN HANDLE ASSEMBLY

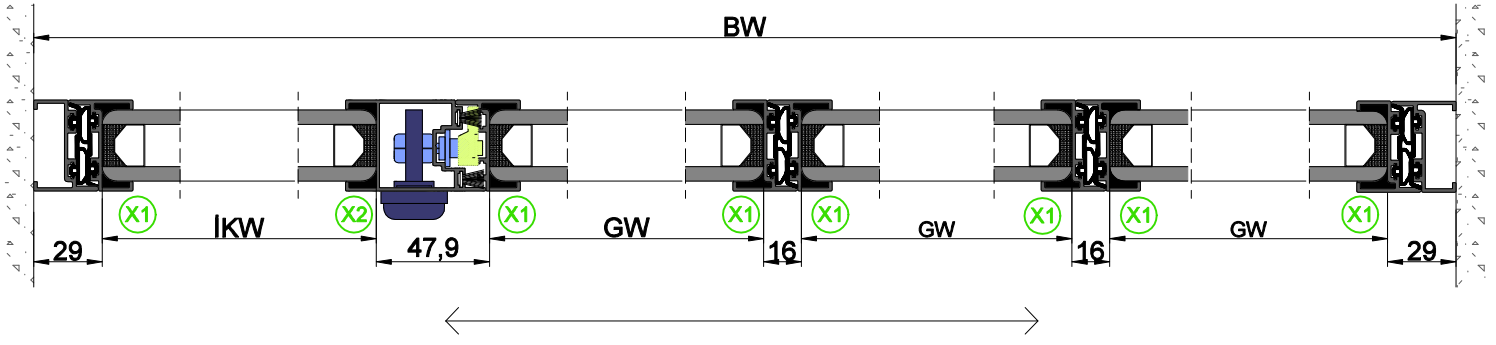




## Teker Çıkış Kapağı Montajı

ROLLER EXIT COVER ASSEMBLY



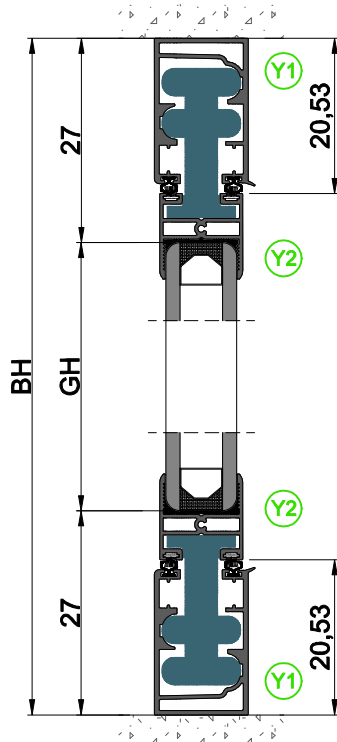
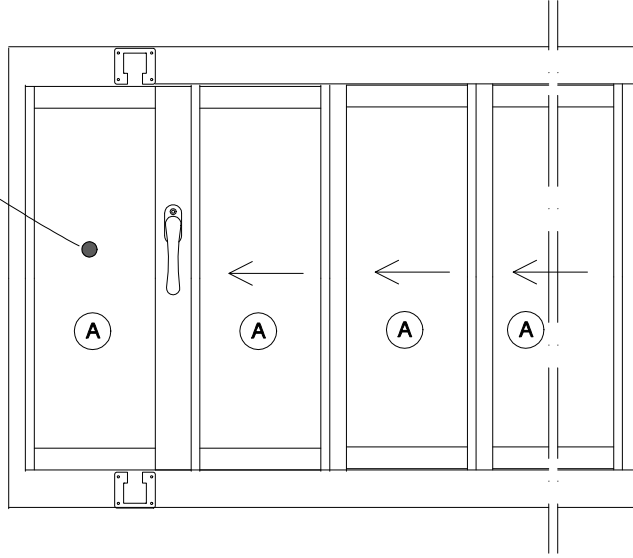


$$GW \text{ (Cam Geniřlięi)} = \frac{BW \text{ (Balkon Geniřlięi)} - ((29 + 29 + 47,9) + ((A - 2) \times 16))}{A \text{ (Kanat Adedi)}}$$

**TERCİHE GÖRE**

IGW (İSPANYOLETLİ CAM GENİřLİęİ)

IGW = GW (Cam Geniřlięi) - 31,9 mm



$$GH \text{ (Cam Yükseklięi)} = BH \text{ (Balkon Yükseklięi)} - 172,8 \text{ mm}$$

**ÖRNEK / SAMPLE :****BALKON GENİŞLİĞİ (BW) = 2,500 mm****BALKON YÜKSEKLİĞİ (BH) = 2,000 mm****KANAT ADEDİ (A) = 4 Adet / (Pcs)**

$$\text{GW (Cam Genişliği)} = \frac{2500 - ((29 + 29 + 47,9) + ((4 - 2) \times 16))}{4}$$

$$\text{GW (Cam Genişliği)} = \frac{2500 - ((105,9) + (32))}{4}$$

$$\text{GW (Cam Genişliği)} = \frac{2362,1}{4}$$

$$\text{GW (Cam Genişliği)} = 590,5 \text{ mm}$$

$$\text{GH (Cam Yüksekliği)} = 2000 - 131,4 \text{ mm}$$

$$\text{GH (Cam Yüksekliği)} = 1868,6 \text{ mm}$$

$$\text{GH (Cam Yüksekliği)} = 1868,6 - 41,4 \text{ mm}$$

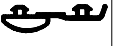
$$\text{GH (Cam Yüksekliği)} = 1827,2 \text{ mm}$$



## PROFİLLER / PROFILES

| Detay No /<br>Detail No | Adet /<br>Q'tity | Kod /<br>Code | Profil<br>Çizimi /<br>Drawing                                                     | Profil Tanımı / Description                    | Kesim Ölçüsü /<br>Cutting Dimensions                     |
|-------------------------|------------------|---------------|-----------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------|
| Y1                      | 2                | 11551         |  | Yatay Kasa Profili / Horizontal Frame Profile  | BW                                                       |
| Y2                      | 2                | 11552         |  | Dikey Kasa Profili / Vertical Frame Profile    | $\{(FW - ((29 + 29 + 47,9) + ((A - 2) \times 16))\} / A$ |
| X1                      | (A x 2) + 1      | 11553         |  | Kanat Profili / Sash Profile                   | SH = BH-131,4                                            |
| X2                      | 1                | 11554         |  | Kanat Kilitleme Profili / Sash Locking Profile | SH = BH-131,4                                            |

## FITİLLER / GASKETS

|  |       |         |                                                                                     |                                               |  |
|--|-------|---------|-------------------------------------------------------------------------------------|-----------------------------------------------|--|
|  | A x 2 | YK-400  |  | Kanat Yalıtım Fitili / Sash Insulation Gasket |  |
|  | 2     | 68-1000 |  | Kıl Fitil / Weather Strip                     |  |
|  | 4     | 68-550  |  | Kıl Fitil / Weather Strip                     |  |

## AKSESUARLAR / ACCESSORIES

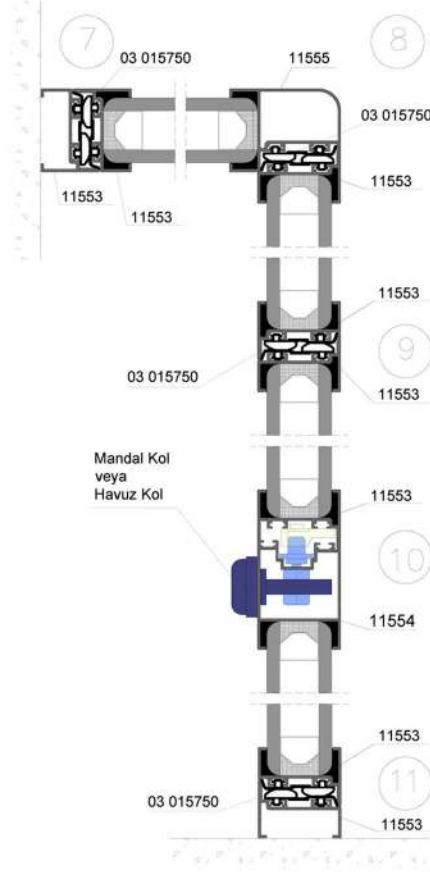
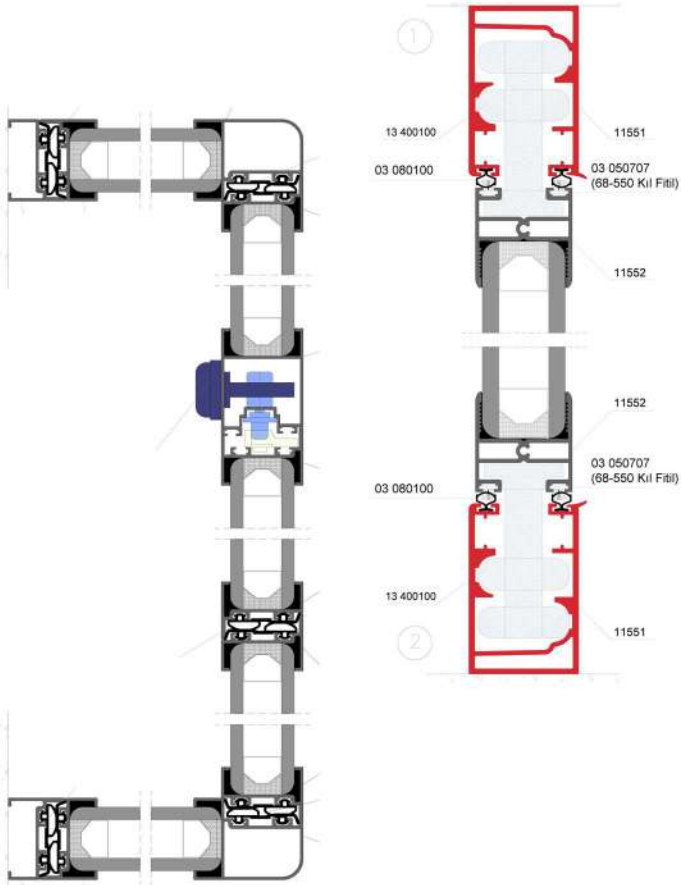
| Miktar/Q'tity | Stok Kodu / Store Code                                                                                                                                            | Aksesuar / Accessories                                                              | Aksesuar Tanımı / Description                              |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|
| (A) x 2       | 13 400100                                                                                                                                                         |    | Düz Kanat Teker / Roller For Straight Sash                 |
| ((A) x 2)-2   | 13 400101                                                                                                                                                         |    | Park Kanat Teker / Sash Fixing Roller                      |
| 2 Adet        | 13 400105                                                                                                                                                         |    | Teker Çıkış Klavuzu / Roller Exit Guide                    |
| 1 Adet        | 13 400112                                                                                                                                                         |    | Kanat Teker Klavuzu / Sash Roller Guide                    |
| 1 Adet        | 01 200315 Naturel<br>01 200312 Beyaz<br>01 200310 Siyah                                                                                                           |    | Mandal Kol / Ratchet Handle                                |
|               | 13 400114 Beyaz                                                                                                                                                   |  | Havuz Kol / Sunken Handle                                  |
| 1 Adet        | 13 400108                                                                                                                                                         |  | İlk Kanat Alt Pimi / First Sash Bottom Pin                 |
| 1 Adet        | 13 400109                                                                                                                                                         |  | İlk Kanat Üst Pimi / First Sash Top Pin                    |
| 1 Adet        | 13 400110 Metal                                                                                                                                                   |  | Kanat Stoplama / Sash Stopper                              |
| 1 Adet        | 13 400111                                                                                                                                                         |  | Teker Çıkış Kapağı / Roller Exit Cover                     |
| 1 Adet        | 06 150505                                                                                                                                                         |  | Kilit Karşılığı / Sash Gasket                              |
| 2 Adet        | 13 400106                                                                                                                                                         |  | Sınırsız Park Sabitleme / Expandable Fixing Slot           |
| 1 Adet        | 06 010450 - 40cm<br>06 010451 - 60cm<br>06 010452 - 80cm<br>06 010453 - 100cm<br>06 010454 - 120cm<br>06 010455 - 140cm<br>06 010456 - 160cm<br>06 010456 - 180cm |  | İspanyollet Mekanizması / Espagnolette Mechanism           |
| 4 Adet        | 13 400107                                                                                                                                                         |  | Dikme Takoza / Strut Wedge                                 |
| 2 Adet        | 13 400113                                                                                                                                                         |  | Kanat Kilitleme Profil Kapağı / Sash Locking Profile Cover |

## ICB40

### KATLANIR ISICAMLI CAM BALKON SİSTEMİ

## ICB40

### HEAT INSULATED FOLDING BALCONY GLAZING SYSTEM



- 30 mm çift cam kalınlığı
- Maximum kanat genişliği: 600 mm
- Maximum kanat genişliği: 2.900 mm
- Açılı balkonlara özel çözümler
- Havuz kollu veya mandal kollu ispanyolet kilit sistemi
- İki cam arası jaluzi uygulama

- 30 mm double-glazing thickness
- Max. 600 mm sash width
- Max. 2.900 mm sash height
- Special solutions for angled balconies
- Espagnolette lock system with sunken or ratchet handle
- Ability to use jalousie/venetian blind between glasses

# NEW