

05/2024

Update
11/2026

LORENZOLINE

77BF

Bi-Fold Door System | Katlanır Kapı Sistemi

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PROFILE INDEX
PROFİL İNDEKS

System **properties** / Sistem **bilgisi**



77BF BI-FOLD DOOR SYSTEM / KATLANIR KAPI SİSTEMİ

- Sash capacity is up to 120 kg per sash.
- Sash height can rich to 3.5 meters.
- 2 different visual variation for sashes.
- Sashes are carring by lower pulleys.
- Basic and master locks are avaible.
- It can be applied in various variations up to 7 sashes.
- 45 and 90 degree frame montage alternative.
- Press and mechanical corner joint options for frame and sash.
- Sash width can rich to 1.2 meters.

- Kanat taşıma kapasitesi kanat başı 120 kg dır.
- 3.5 metreye kadar kanat yüksekliği
- Kanatlar için 2 farklı görsel varyasyon.
- Kanatlar alt rulmanlar tarafından taşınmaktadır.
- Basit ve kilitli kol seçenekleri mevcuttur.
- 7 kanada kadar çeşitli varyasyonlarda uygulanabilmektedir.
- 45 ve 90 derece kasa montaj alternatifi.
- Kasa ve kanat için pres ve mekanik köşe bağlantı opsiyonu.
- 1.2 metreye kadar kanat genişliği.

Technical **Properties** / Teknik **Özellikler**

FRAME DEPTH | KASA DERINLIĞI	77 mm
SASH DEPTH | KANAT DERİNLİĞİ	77 mm
WALL THICKNESS | ET KALINLIĞI	1.8 mm
GLASS THICKNESS | CAM KALINLIĞI	14 - 50 mm
THERMAL INSULATION | ISI BARİYERİ	24 - 32 mm

Opportunities / Seçenekler

		77BF-101-18	**77BF-102-18**	**77BF-103-18**	**77BF-102-18 Groove** / Oluk	**Corner** / Köşe
FRAME JOIN KASA BİRLEŞİM **90°**	**Inside Opening** | İçe Açılır	✓	✓	✓	✓	✓
	Outside Opening | Dışa Açılır					
FRAME JOIN KASA BİRLEŞİM **45°**	**Inside Opening** | İçe Açılır	✓	–	–	–	–
	Outside Opening | Dışa Açılır					

Performance **Values** / Performans **Değerleri**

THERMAL INSULATION VALUE
SİSTEM UF DEĞERİ - EN ISO 10077-2



2,947 W/m2K

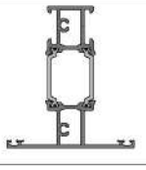
system**properties** / sistem**bilgisi**

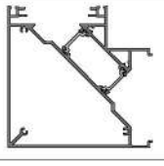
Construction Depth	Frame : 77 mm - Vent : 77 mm	**Derinlik**	Kasa : 77 mm - Kanat : 77 mm
Glazing	Glazing from 14 mm up to 50 mm with dry EPDM gaskets. The choice of joits and glazing beads depend on the thickness of the glass.According to the tolerances of the glazing either a smaller or bigger joint and or glazing bead is used.	**Cam Kalınlığı**	Cam kalınlığı EPDM fitil ile birlikte 14 mm - 50 mm aralığındadır.Bağlantı ve çıta cam kalınlığına göre seçilmelidir. Cam toleransına göre küçük yada büyük bağlantı veya cam çıtası kullanılır.
Insulation Bar Thermal Permability	24 - 32 mm (Uf) **2,947** W / m2K	**Isı Bariyeri Isı Geçirgenliği**	24 - 32 mm (Uf) **2,947** W / m2K
Gaskets	The opening windows have a central gasket, an acoustical gasket and glazing gaskets in EPDM	**Fitil**	Açılır pencerelerde tozluk fitili, akustik fitil ve cam fitilleri EPDM'dir.
Drainage	For maximum performance, you should follow the instructions in the catalogue.	**Su Tahliye**	Maksimum performans için katalogdaki talimatları takip etmelisiniz.

production**properties** / üretim**bilgisi**

Alloy	The aluminium profiles have been extruded from the alloy AlMgSi 0.5 as F22 according to the EN 12020.		**Alaşım**	Alüminyum profiller AlMgSi 0.5 - F22 alaşımından ve EN 12020 standardına göre üretilir.	
	Physical Properties			**Fiziksel Özellikler**	
	1. Density	: 2.70 Kg / dm3		1. Yoğunluk	: 2.70 Kg / dm3
	2. Modules of Elasticity	: 69 kN / mm2		2. Elastisite Modülü	: 69 kN / mm2
	3. Resistivity	: 20° 33 n Ω .m		3. Direnç	: 20° 33 n Ω .m
	4. Melting point	: 600 - 655 °C		4. Erime Noktası	: 600 - 655 °C
	5. Linear expeansion coefficient	: 20 - 100°C µ °C^{-1}		5. Genişleme Katsayısı	: 20 - 100°C µ °C^{-1}
	Mechanical Properties			**Mekanik Özellikler**	
	1. Tensile strength	: Min 215 MPa		1. Kopma Dayanıklılığı	: Min 215 MPa
	2. Yield strength	: 190 MPa		2. Elastisite Limiti	: 190 MPa
	3. Elongation	: % 10		3. Uzama	: % 10
	4. Hardness	: 67 Brinell		4. Sertlik	: 67 Brinell
Surface Treatment	**Anodising**		**Yüzey İşlem**	**Eloksal**	
	In anodising process , microns of the profiles for the inside and outside use are different. The complete anodisation process takes place in accordance with the specifications of **QUALANOD.**			Eloksal projesinde profil mikronları iç ve dış kullanım için farklıdır.Bütün eloksal projesi **QUALANOD** spesifikasyonlarına göre uygulanır.	
	Electrostatic Powder Coating			**Eloktrostatik Toz Boya**	
	The thermal break allows the profile to be painted when compounded. On average, the coating thickness is minimally 60 micron. The complete powder coating process takes place in accordance with the specifications of **QUALICOAT SEASIDE.**			Isı bariyeri çakıldığında profil boyanabilir. Genel olarak kaplama kalınlığı minimum 60 mikrondur. Bütün toz boya projesi **QUALICOAT SEASIDE** spesifikasyonlarına göre uygulanır.	

profiles / profiller

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
77BF-111-18		1.474
77BF-101-18		1.613
77BF-102-18		1.474
77BF-103-18		0.861
77BF-151-00		3.330
77BF-401-18		1.510
77BF-201-18		1.688
77BF-202-18		1.692
77BF-301-18		1.561

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
77BF-402-00		0.110
77BF-501-00		0.250
77BF-502-00		0.274
77BF-503-00		0.674
77BF-511-00		0.158
77BF-512-00		0.092
77BF-515-00		3.541
07-102-00		0.324
07-103-00		0.488

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
07-105-00		0.875
07-107-015		0.900
07-108-015		0.462
08-205-00		0.279
08-207-00		0.290
08-208-00		0.298
08-209-00		0.308
08-212-00		0.323
08-213-00		0.339

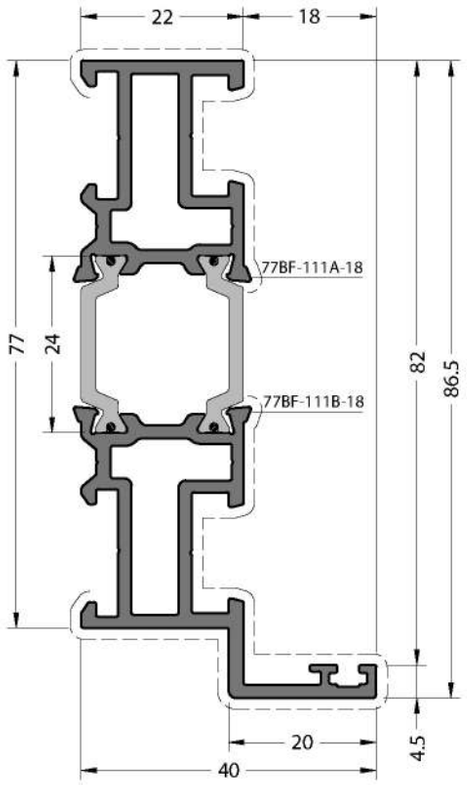
profiles / profiller

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
08-217-00		0.351
08-215-00		0.369
08-216-00		0.393
08-222-00		0.417
08-221-00		0.426
08-223-00		0.454
08-224-00		0.465
08-105-00		0.259
08-107-00		0.262

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
08-108-00		0.269
08-109-00		0.280
08-112-00		0.291
08-113-00		0.300
08-117-00		0.309
08-115-00		0.317
08-116-00		0.330
08-122-00		0.342
08-121-00		0.349

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
08-308-00		0.244
08-309-00		0.258
08-312-00		0.276
08-314-00		0.302
09-101-00		2.561
09-103-00		3.689

PROFILES
PROFİLLER

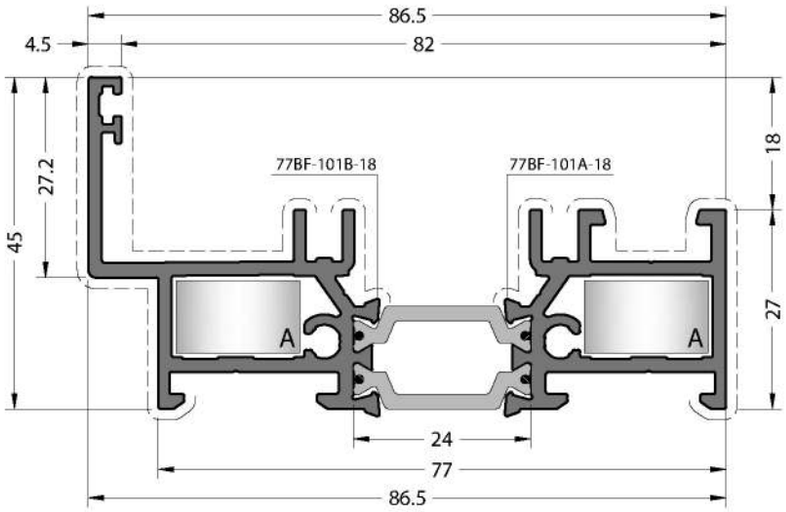


CODE / KOD

77BF-111-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.474



CODE / KOD

77BF-101-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

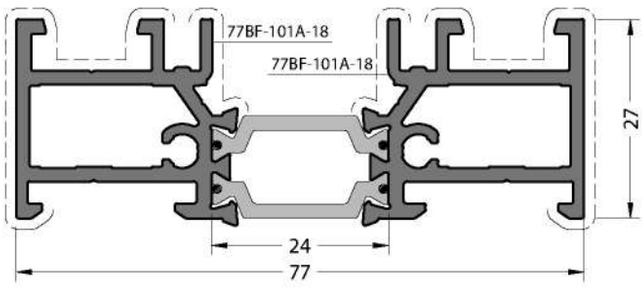
1.613

PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI

A CC-101-17.4

MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI

A KC-801-17.2

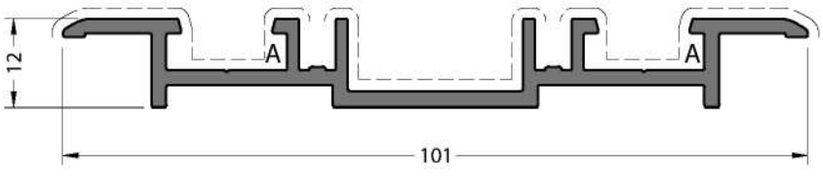


CODE / KOD

77BF-102-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.474



CODE / KOD

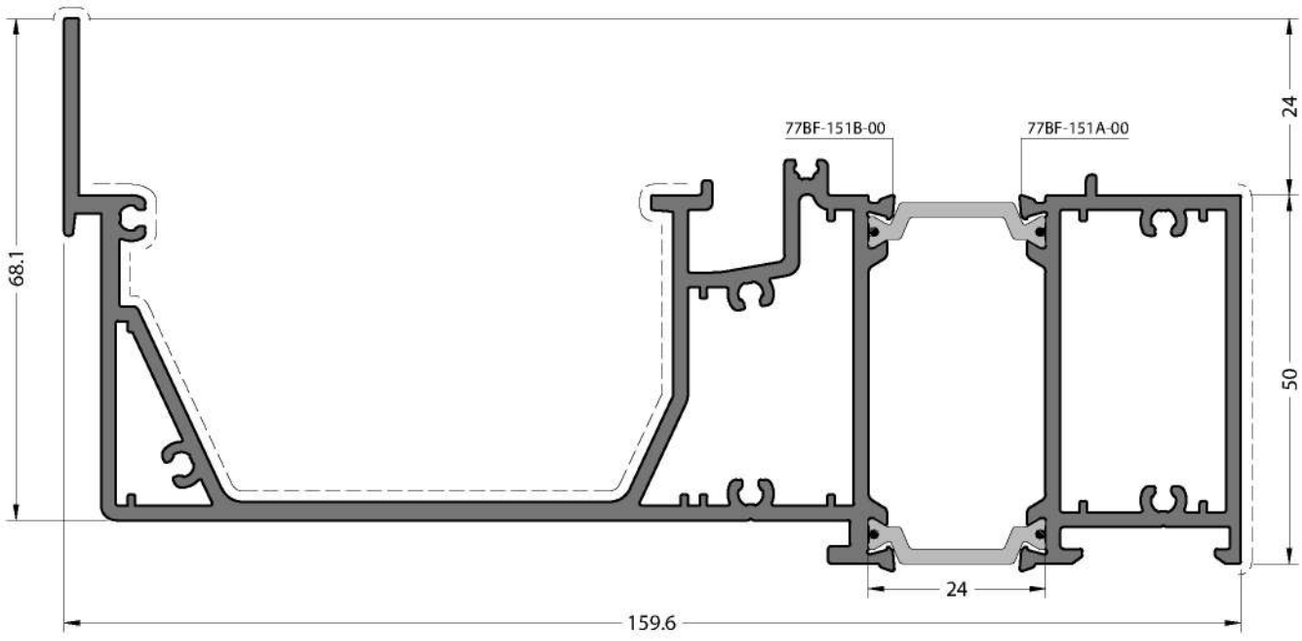
77BF-103-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

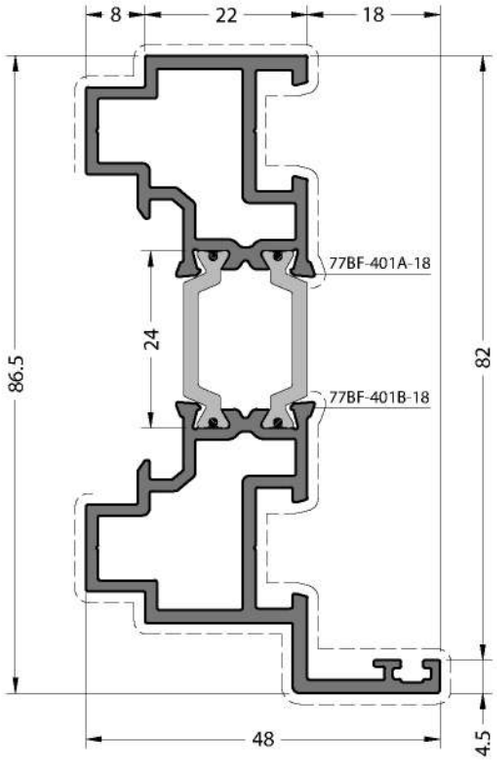
0.861

PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI

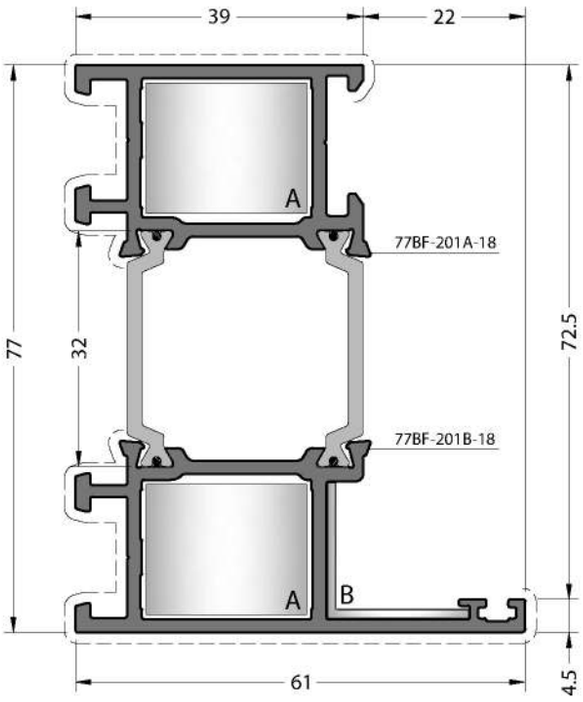
A CA77BF-103



CODE / KOD	THEORETICAL WEIGHT TEORİK AĞIRLIK (kg/m)
77BF-151-00	3.330



CODE / KOD	THEORETICAL WEIGHT TEORİK AĞIRLIK (kg/m)
77BF-401-18	1.510



CODE / KOD

77BF-201-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.688

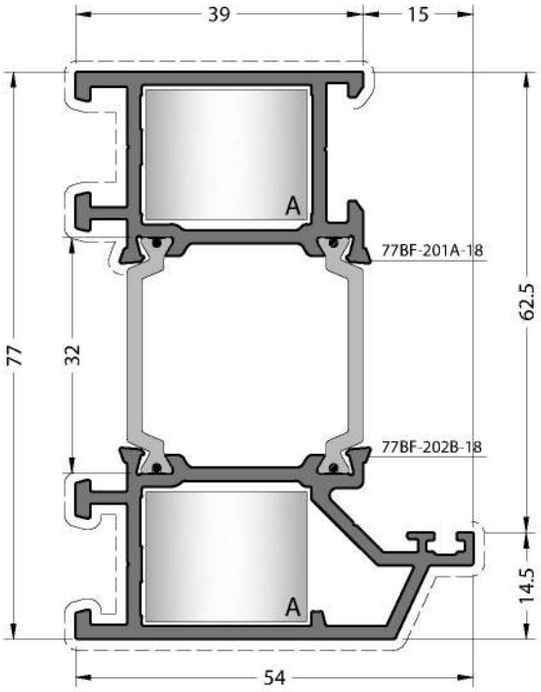
PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI

A CC-103-18.3

B EM77BF-22

MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI

A KC-803-18.1



CODE / KOD

77BF-202-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.692

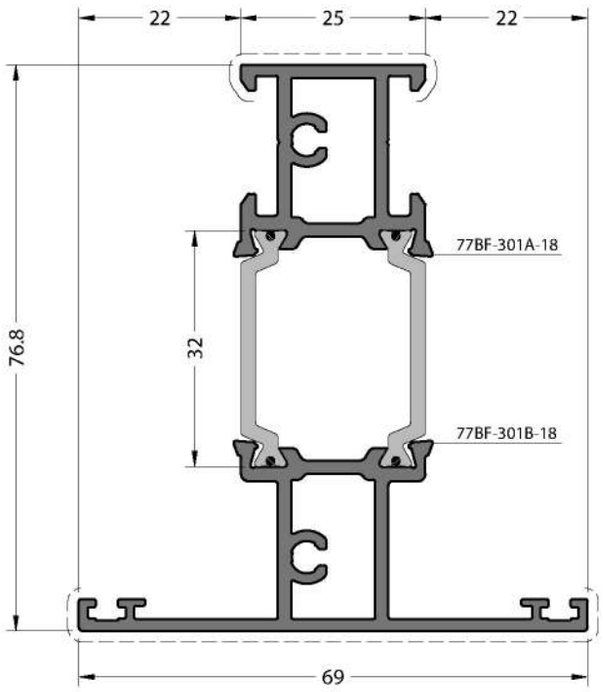
PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI

A CC-103-18.3

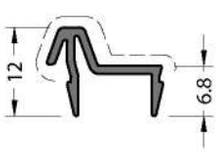
MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI

A KC-803-18.1

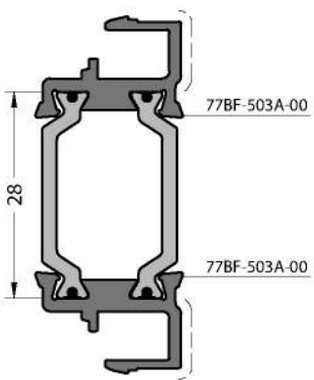
Important Note / Önemli Not :
Not compatible with 77BF-202-18 Wing. Can only be used with the 77BF-201-18.
77BF-202-18 Kanat ile uyumlu değildir. Sadece **77BF-201-18** ile **kullanılabilir**.



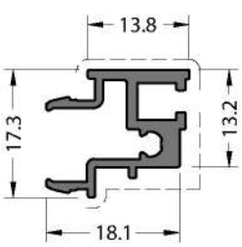
CODE / KOD	THEORETICAL WEIGHT / TEORİK AĞIRLIK (kg/m)
77BF-301-18	1.561



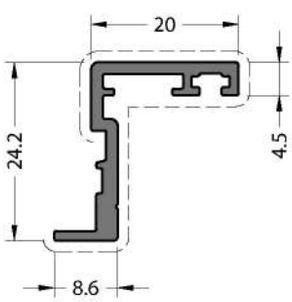
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77BF-402-00	0.110



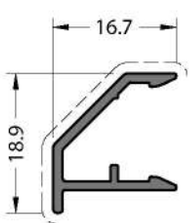
CODE / KOD	THEORETICAL WEIGHT / TEORİK AĞIRLIK (kg/m)
77BF-503-00	0.674



CODE / KOD	THEORETICAL WEIGHT / TEORİK AĞIRLIK (kg/m)
77BF-501-00	0.250

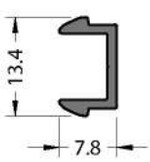


CODE / KOD	THEORETICAL WEIGHT / TEORİK AĞIRLIK (kg/m)
77BF-502-00	0.274

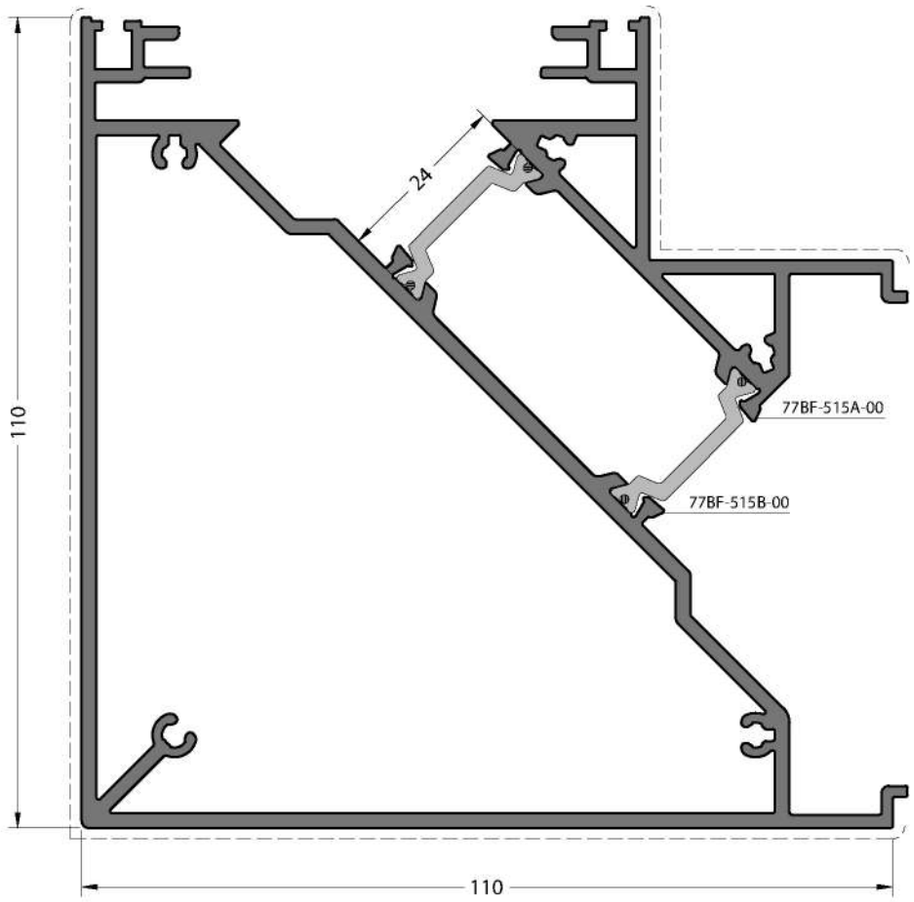


CODE / KOD	THEORETICAL WEIGHT / TEORİK AĞIRLIK (kg/m)
77BF-511-00	0.158

No visible surface.
Görünen yüzeyi yoktur.



CODE / KOD	THEORETICAL WEIGHT / TEORİK AĞIRLIK (kg/m)
77BF-512-00	0.092



CODE / KOD

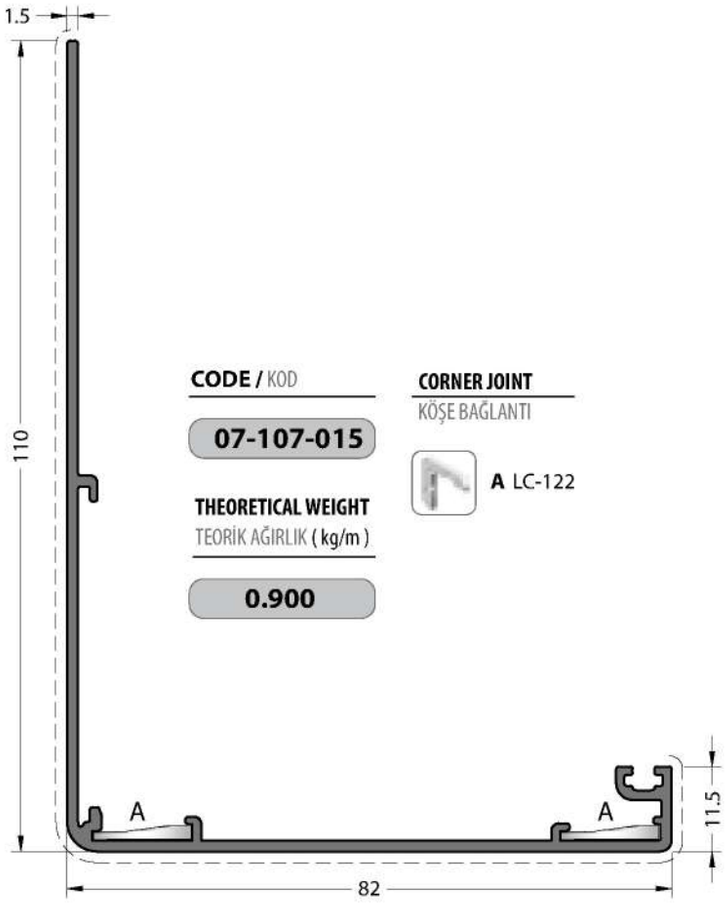
77BF-515-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

3.541

CAP / KAPAK

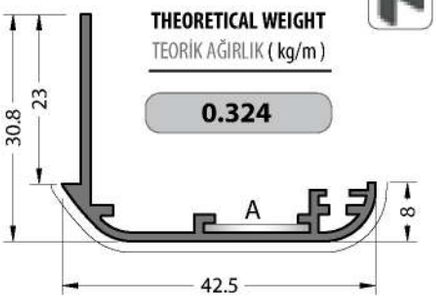
A EM77BF-515



CODE / KOD
07-107-015

CORNER JOINT
KÖŞE BAĞLANTI
A LC-122

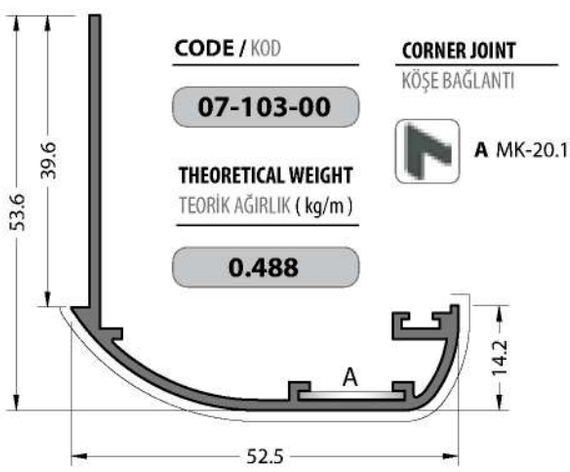
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.900



CODE / KOD
07-102-00

CORNER JOINT
KÖŞE BAĞLANTI
A MK-20.1

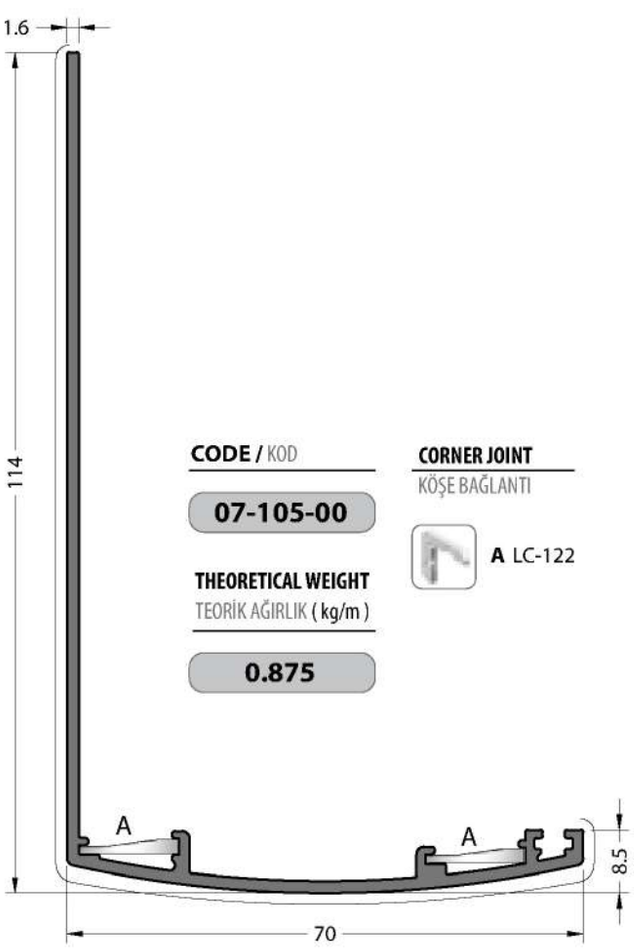
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.324



CODE / KOD
07-103-00

CORNER JOINT
KÖŞE BAĞLANTI
A MK-20.1

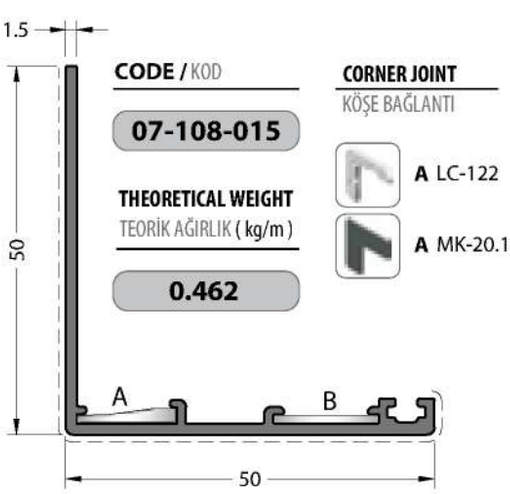
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.488



CODE / KOD
07-105-00

CORNER JOINT
KÖŞE BAĞLANTI
A LC-122

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.875

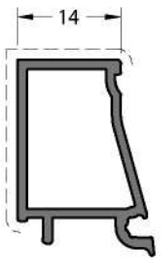


CODE / KOD
07-108-015

CORNER JOINT
KÖŞE BAĞLANTI
A LC-122
A MK-20.1

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.462

SAFETY GLAZING BEADS / GÜVENLİKLİ CAM ÇITALARI | **77BF-201-18**

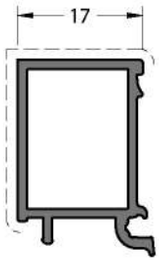


CODE / KOD

08-205-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.279

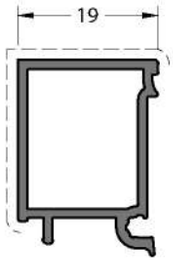


CODE / KOD

08-207-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.290

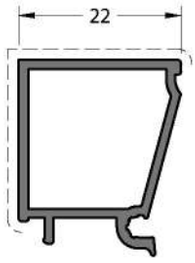


CODE / KOD

08-208-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.298

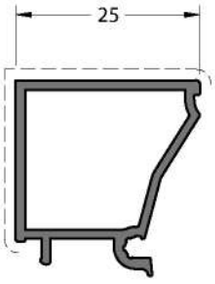


CODE / KOD

08-209-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.308

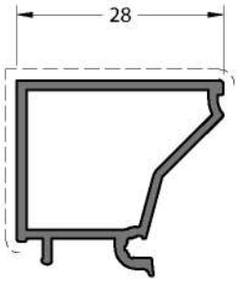


CODE / KOD

08-212-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.323

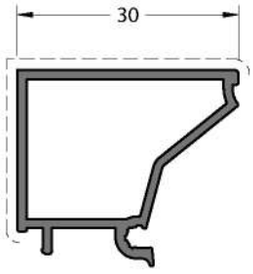


CODE / KOD

08-213-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.339

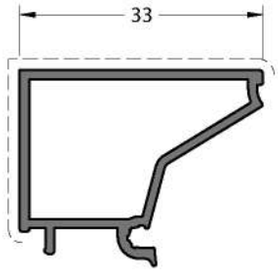


CODE / KOD

08-217-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.351

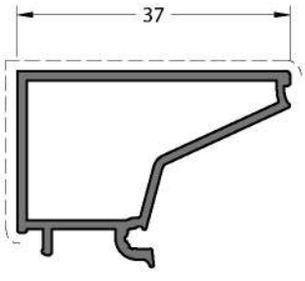


CODE / KOD

08-215-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.369

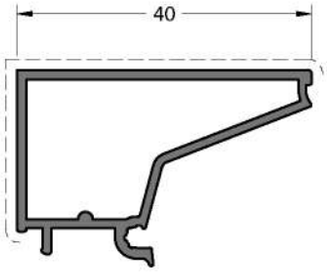


CODE / KOD

08-216-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.393



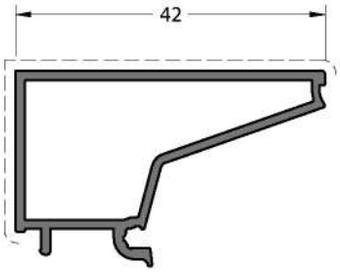
CODE / KOD

08-222-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

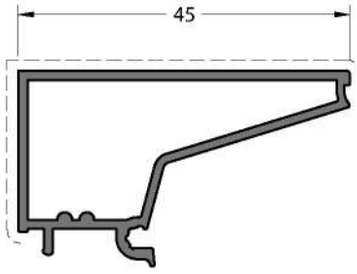
0.417

SAFETY GLAZING BEADS / GÜVENLİKLİ CAM ÇITALARI — 77BF-201-18



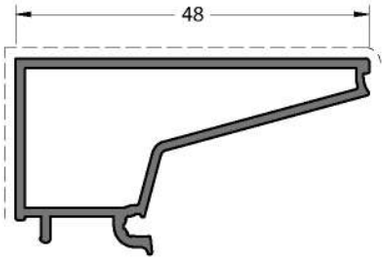
CODE / KOD: **08-221-00**

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.426**



CODE / KOD: **08-223-00**

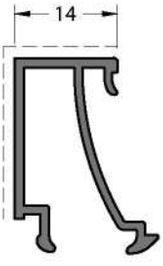
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.454**



CODE / KOD: **08-224-00**

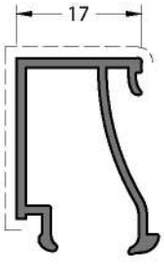
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.465**

STANDARD GLAZING BEADS / STANDART CAM ÇITALARI — 77BF-201-18



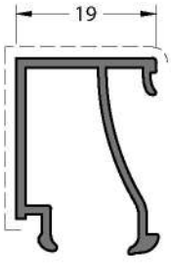
CODE / KOD: **08-105-00**

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.259**



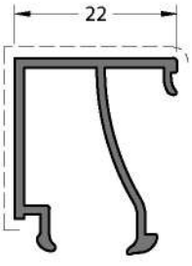
CODE / KOD: **08-107-00**

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.262**



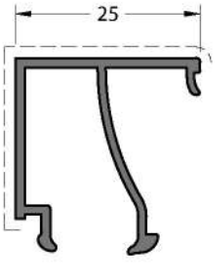
CODE / KOD: **08-108-00**

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.269**



CODE / KOD: **08-109-00**

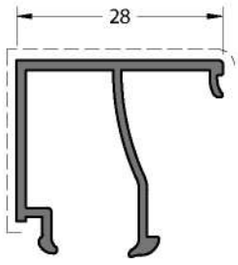
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.280**



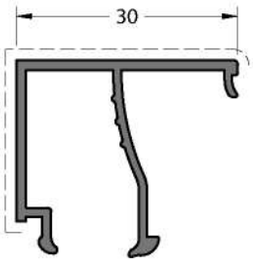
CODE / KOD: **08-112-00**

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m): **0.291**

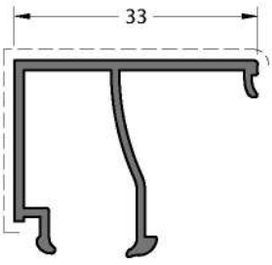
STANDARD GLAZING BEADS / STANDART CAM ÇITALARI 77BF-201-18



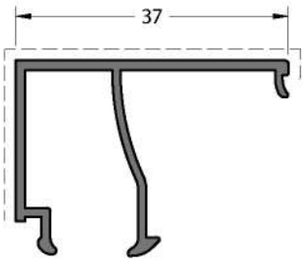
CODE / KOD
08-113-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.300



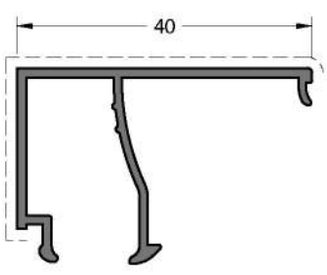
CODE / KOD
08-117-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.309



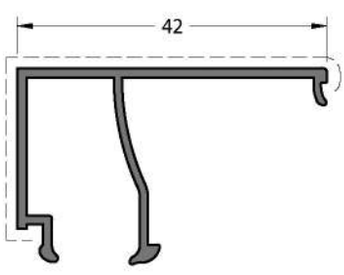
CODE / KOD
08-115-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.317



CODE / KOD
08-116-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.330

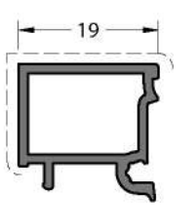


CODE / KOD
08-122-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.342

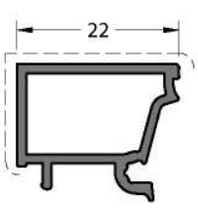


CODE / KOD
08-121-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.349

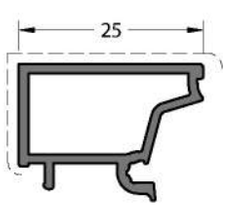
STANDARD GLAZING BEADS / STANDART CAM ÇITALARI 77BF-202-18



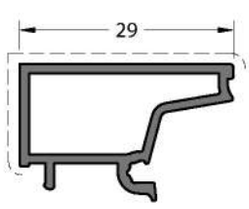
CODE / KOD
08-308-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.244



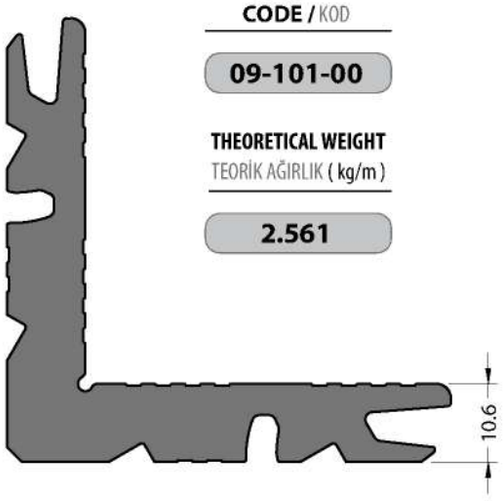
CODE / KOD
08-309-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.258

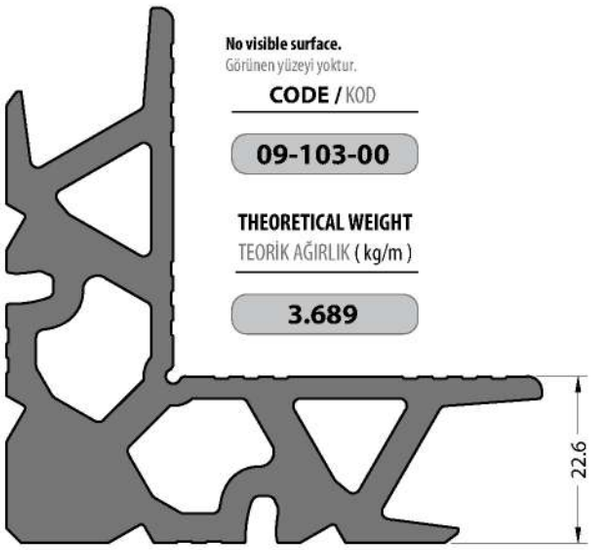


CODE / KOD
08-312-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.276



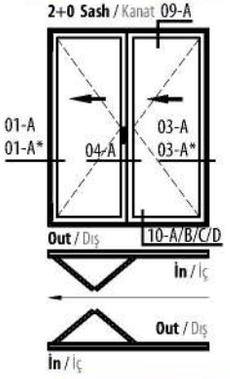
CODE / KOD
08-314-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
0.302


No visible surface.
Görünen yüzeyi yoktur.
CODE / KOD
09-101-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
2.561
10.6

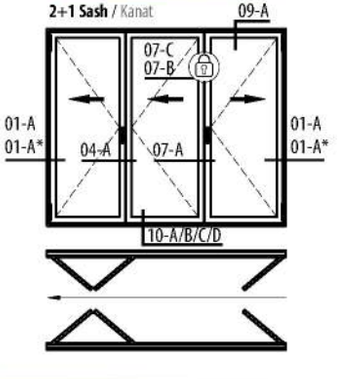

No visible surface.
Görünen yüzeyi yoktur.
CODE / KOD
09-103-00
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)
3.689
22.6

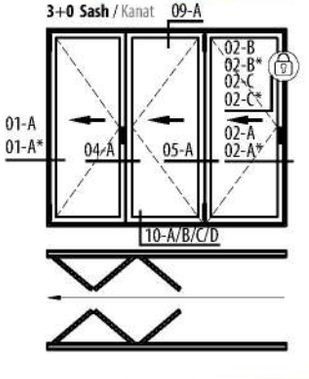
90°
DETAILS
DETAYLAR

2 SASH / KANAT

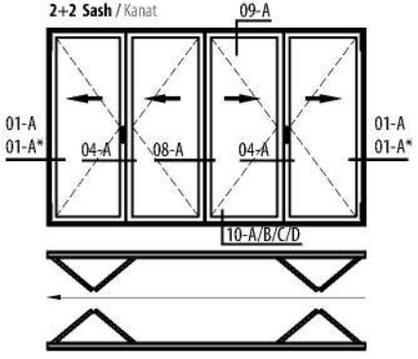


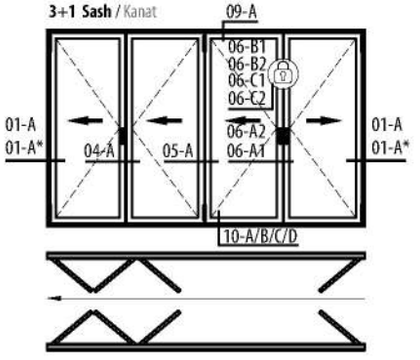
3 SASH / KANAT

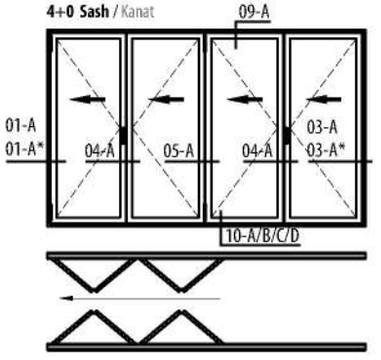




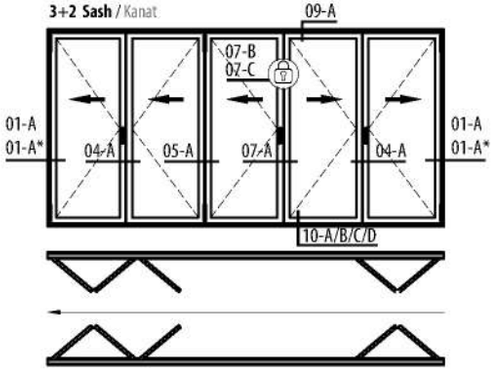
4 SASH / KANAT

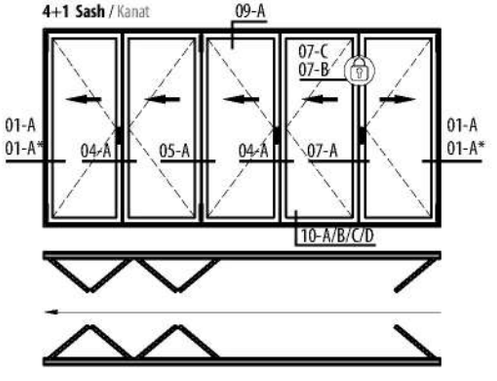


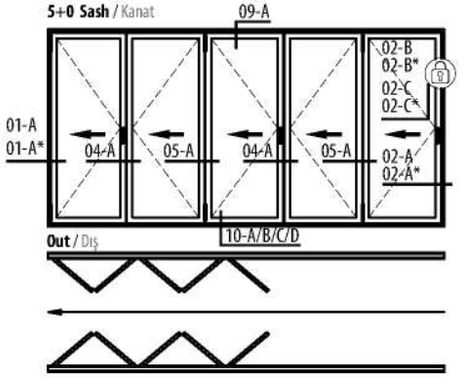




5 SASH / KANAT



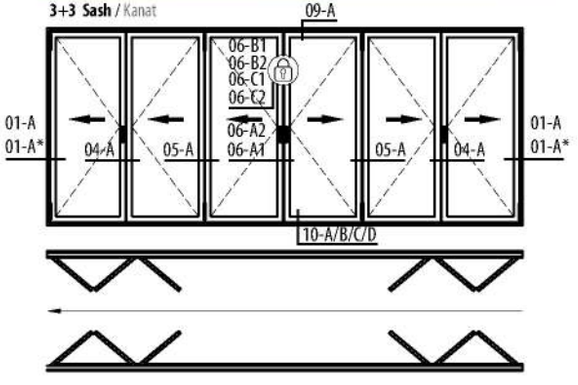




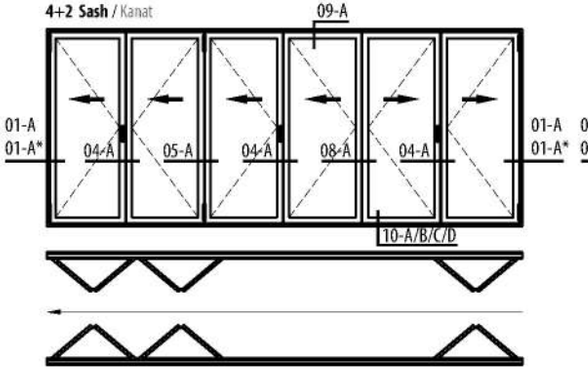
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Güvenlik kilidi

6 SASH / KANAT

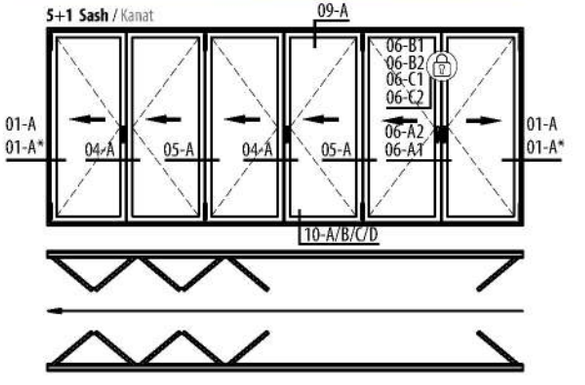
3+3 Sash / Kanat



4+2 Sash / Kanat

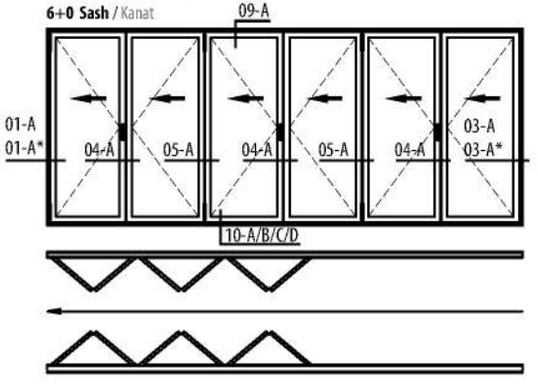


5+1 Sash / Kanat



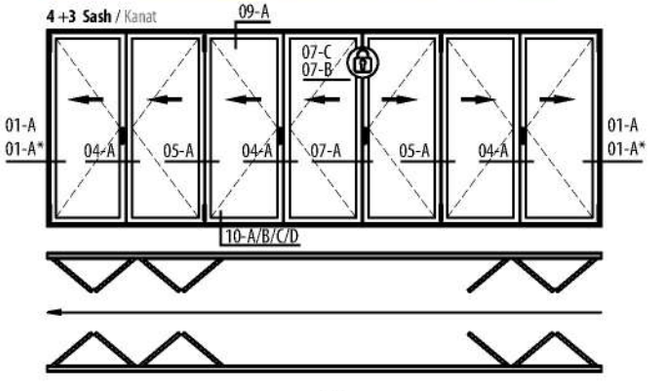
6 SASH / KANAT

6+0 Sash / Kanat

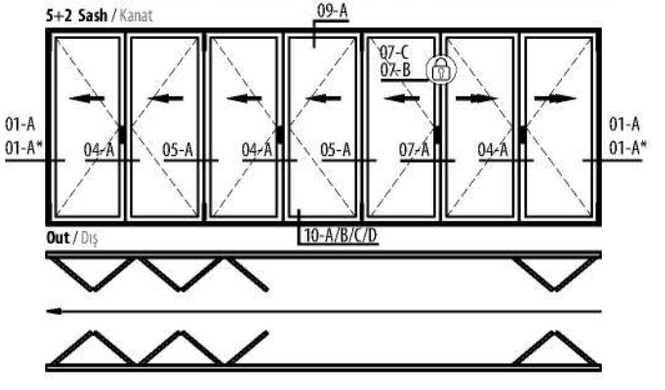


7 SASH / KANAT

4+3 Sash / Kanat

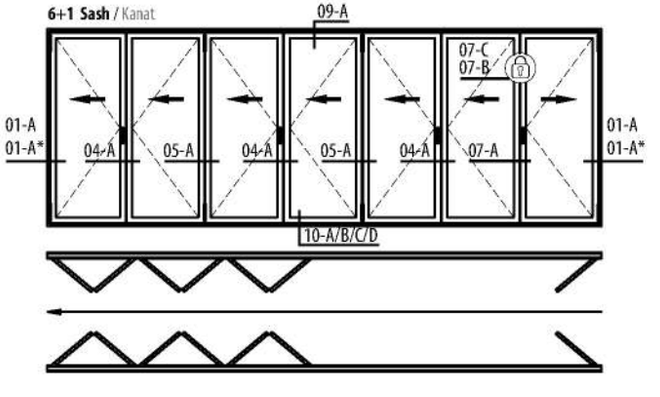


5+2 Sash / Kanat

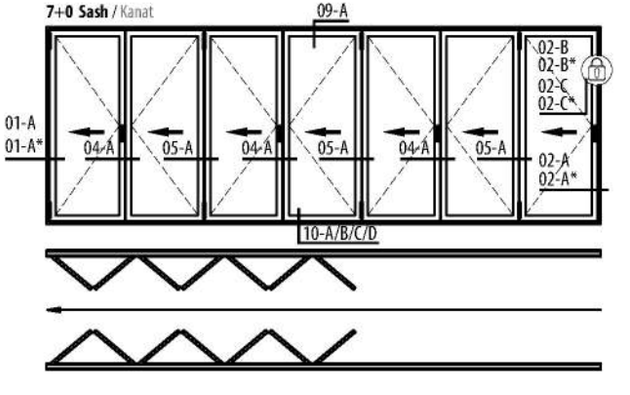


Out / Dış

6+1 Sash / Kanat



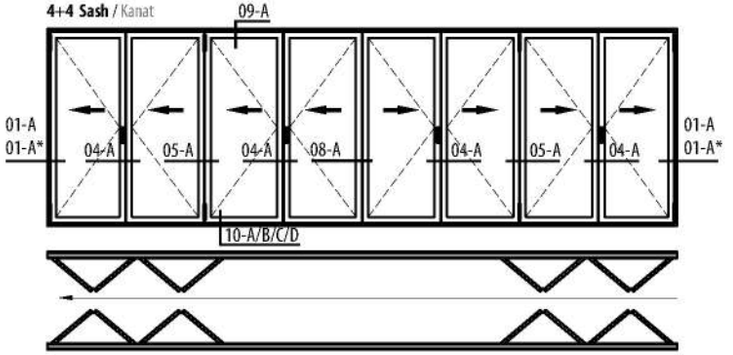
7+0 Sash / Kanat



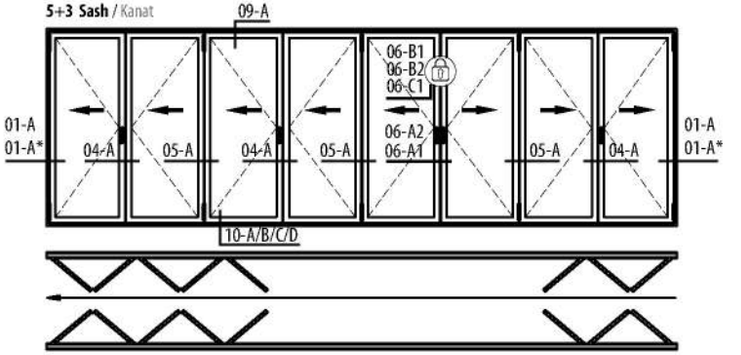
Security lock applicable
Güvenlik kilidi

8 SASH / KANAT

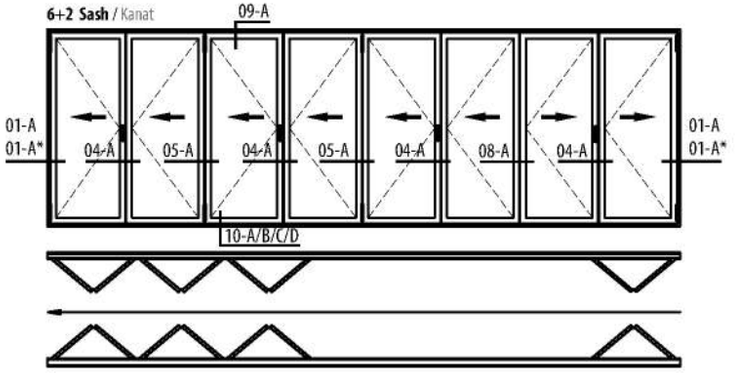
4+4 Sash / Kanat



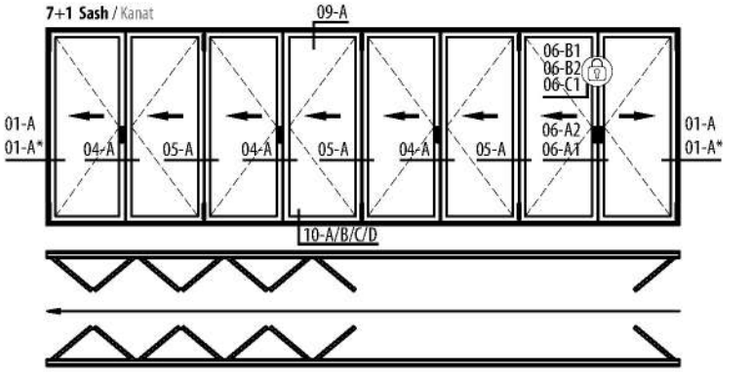
5+3 Sash / Kanat



6+2 Sash / Kanat

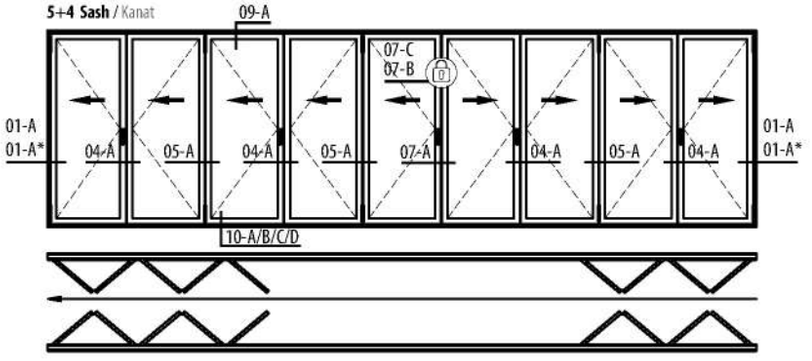


7+1 Sash / Kanat

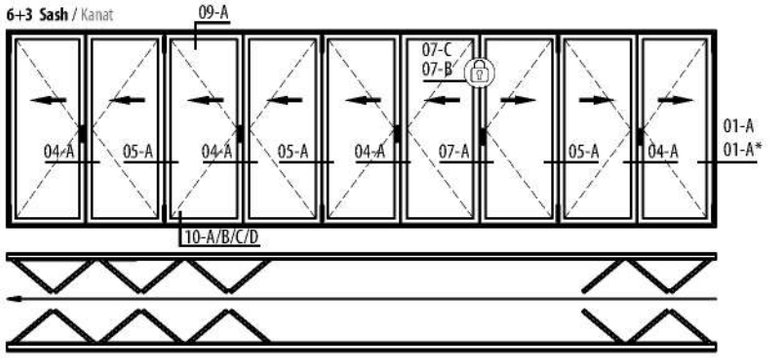


9 SASH / KANAT

5+4 Sash / Kanat



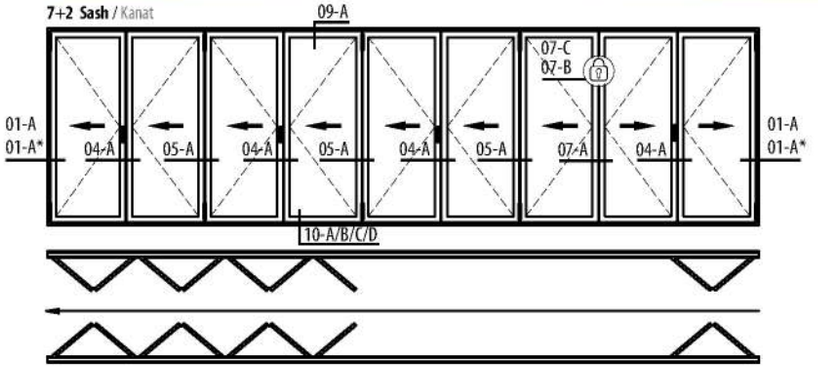
6+3 Sash / Kanat



Security lock applicable
Güvenlik kilidi

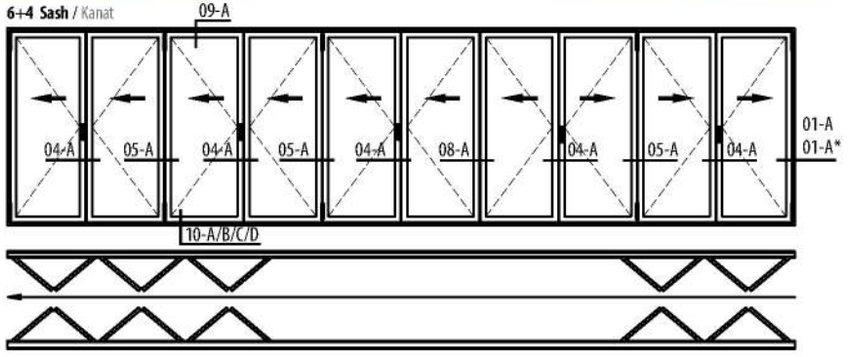
9 SASH / KANAT

7+2 Sash / Kanat



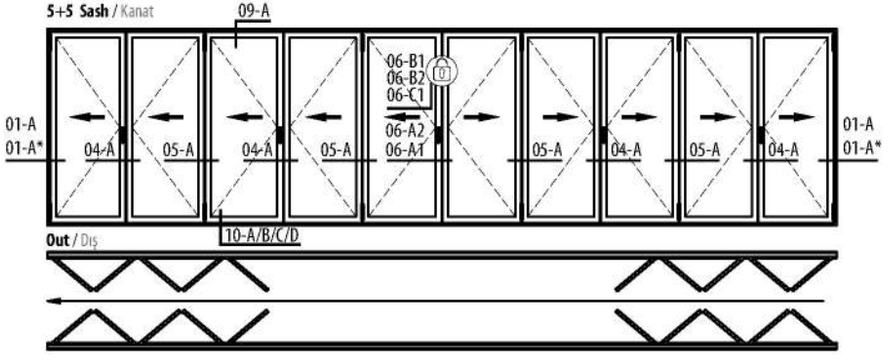
10 SASH / KANAT

6+4 Sash / Kanat



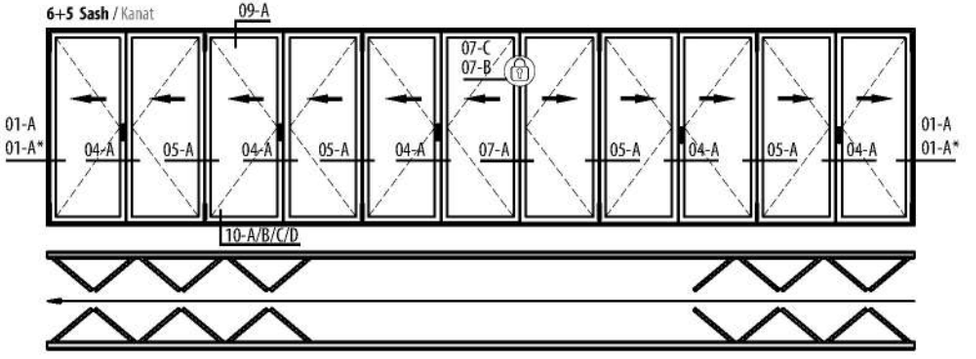
10 SASH / KANAT

5+5 Sash / Kanat

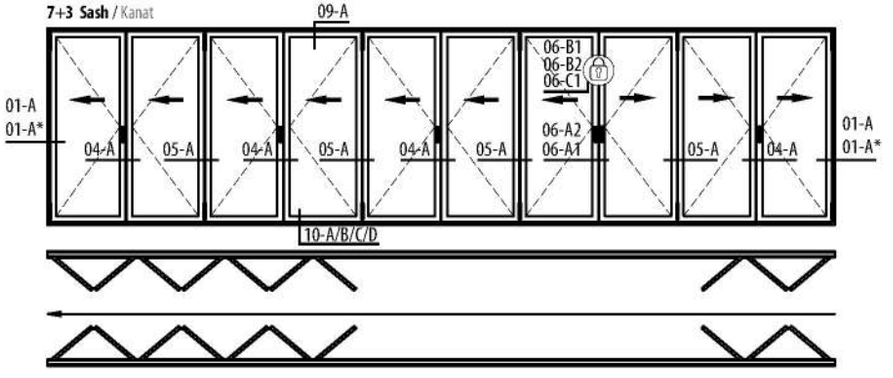


11 SASH / KANAT

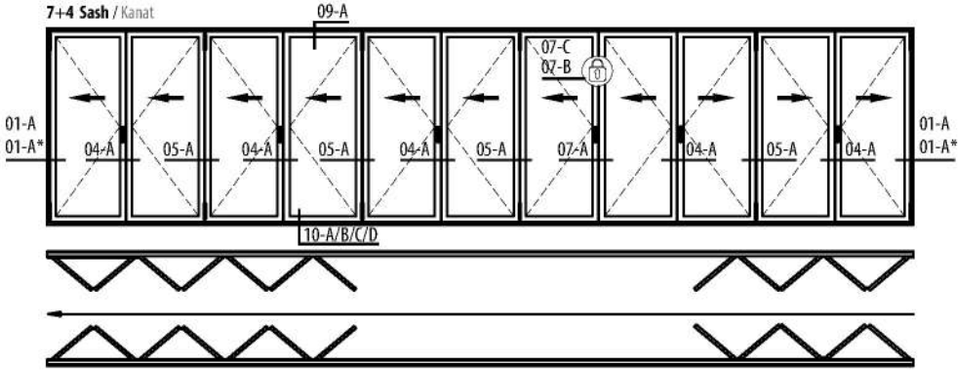
6+5 Sash / Kanat



7+3 Sash / Kanat



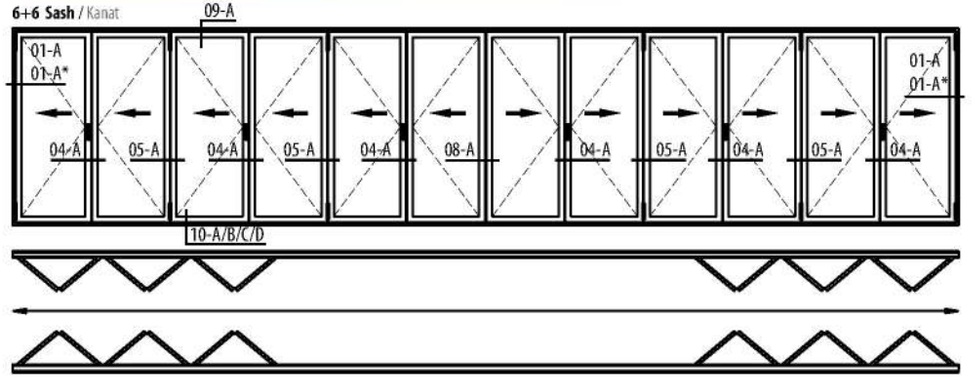
7+4 Sash / Kanat



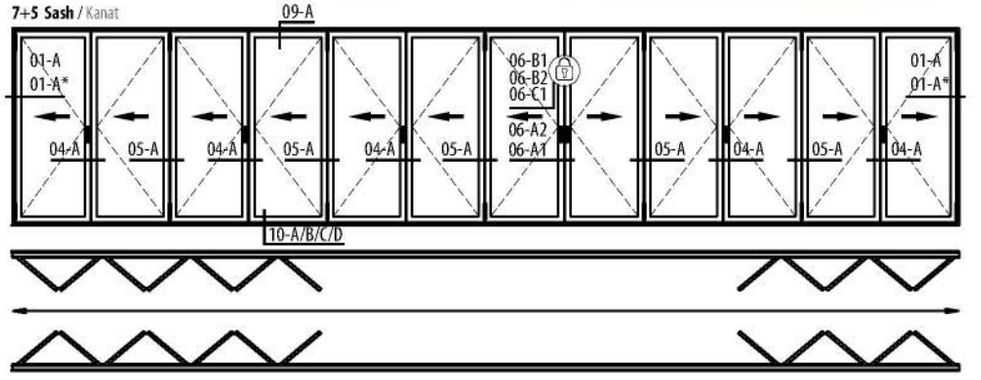
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Güvenlik kilidi

12 SASH / KANAT

6+6 Sash / Kanat

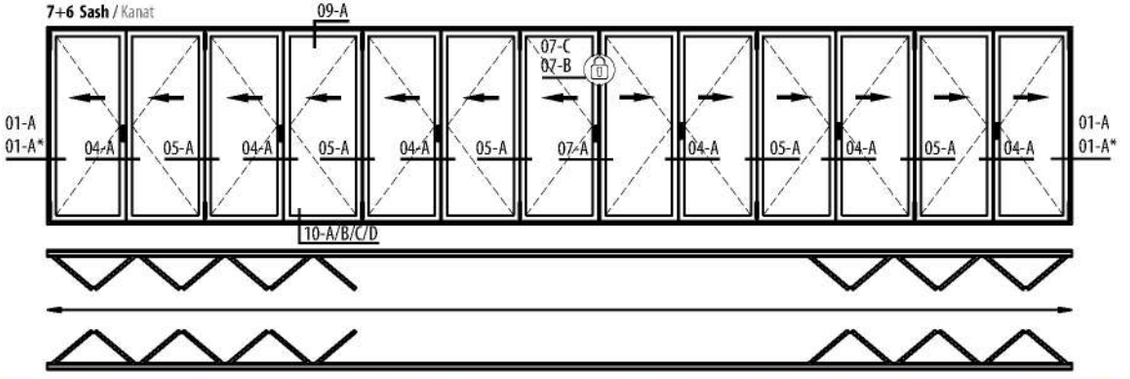


7+5 Sash / Kanat



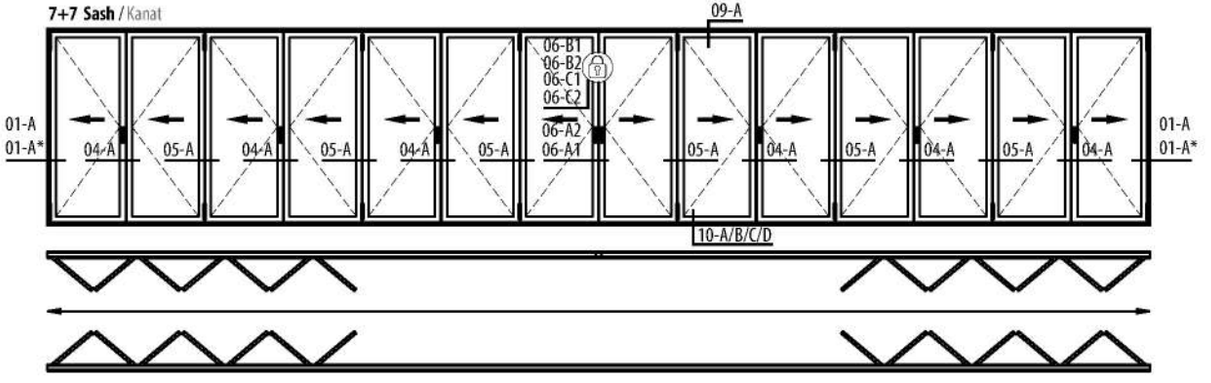
13 SASH / KANAT

7+6 Sash / Kanat

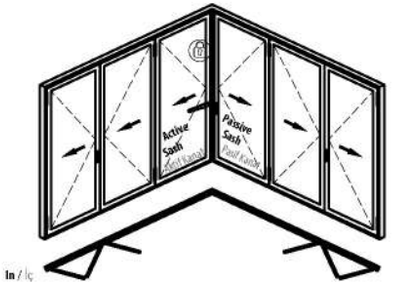


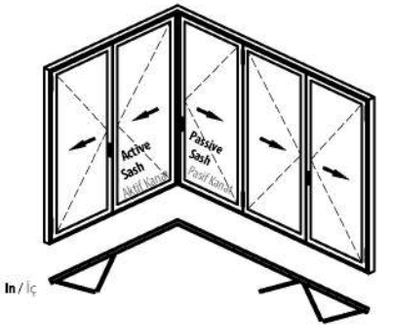
14 SASH / KANAT

7+7 Sash / Kanat



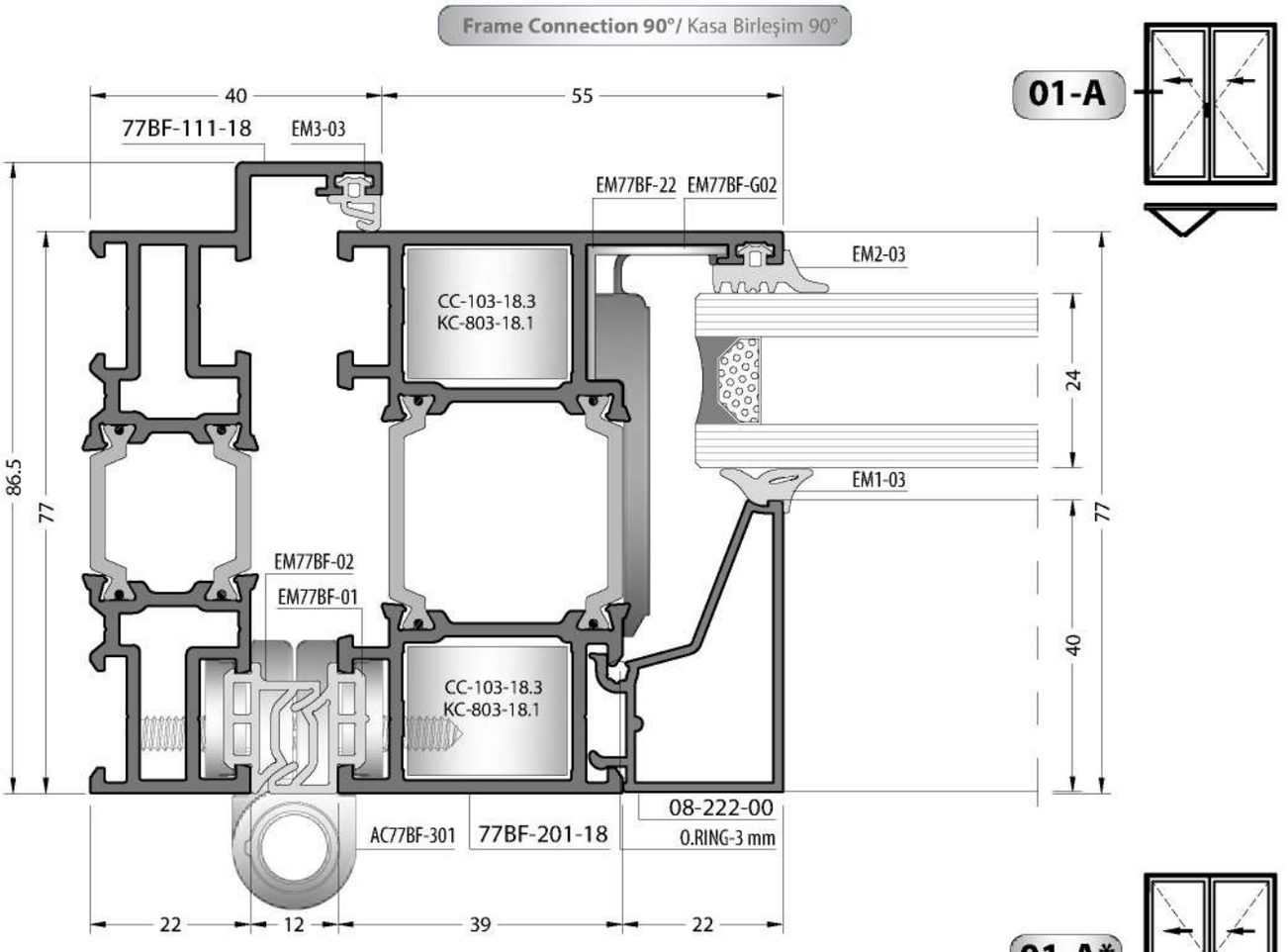
CORNER / KÖŞE

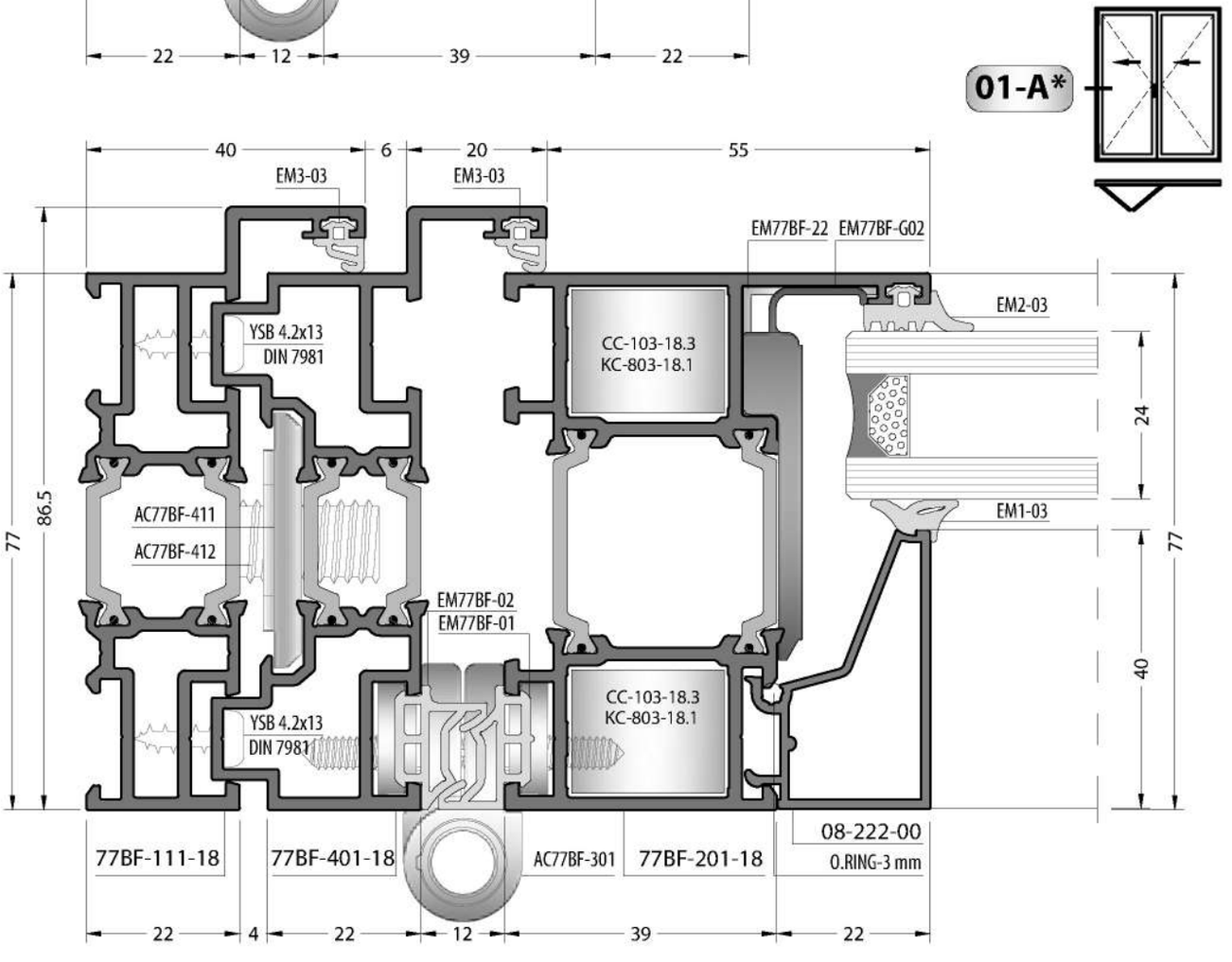




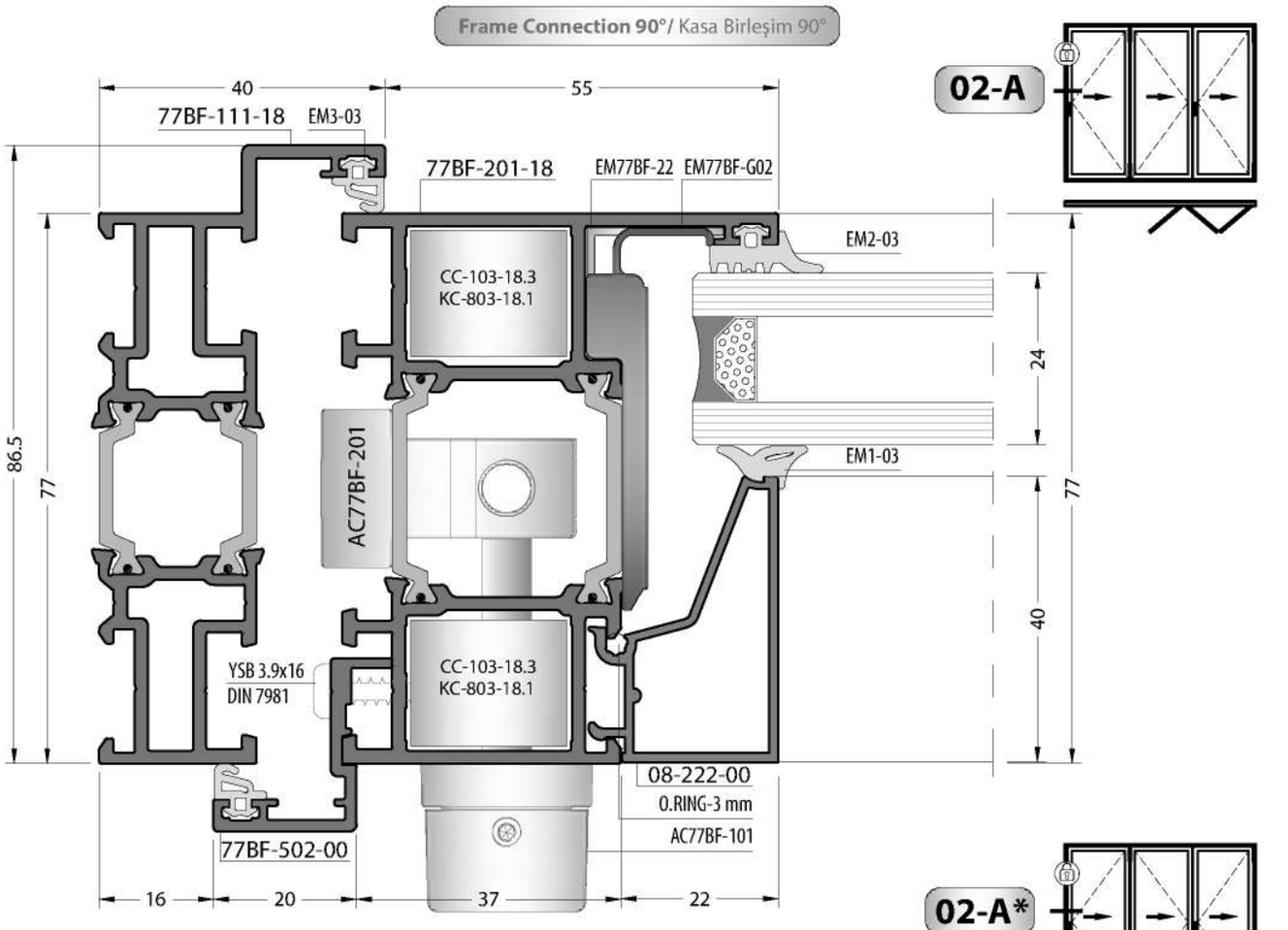
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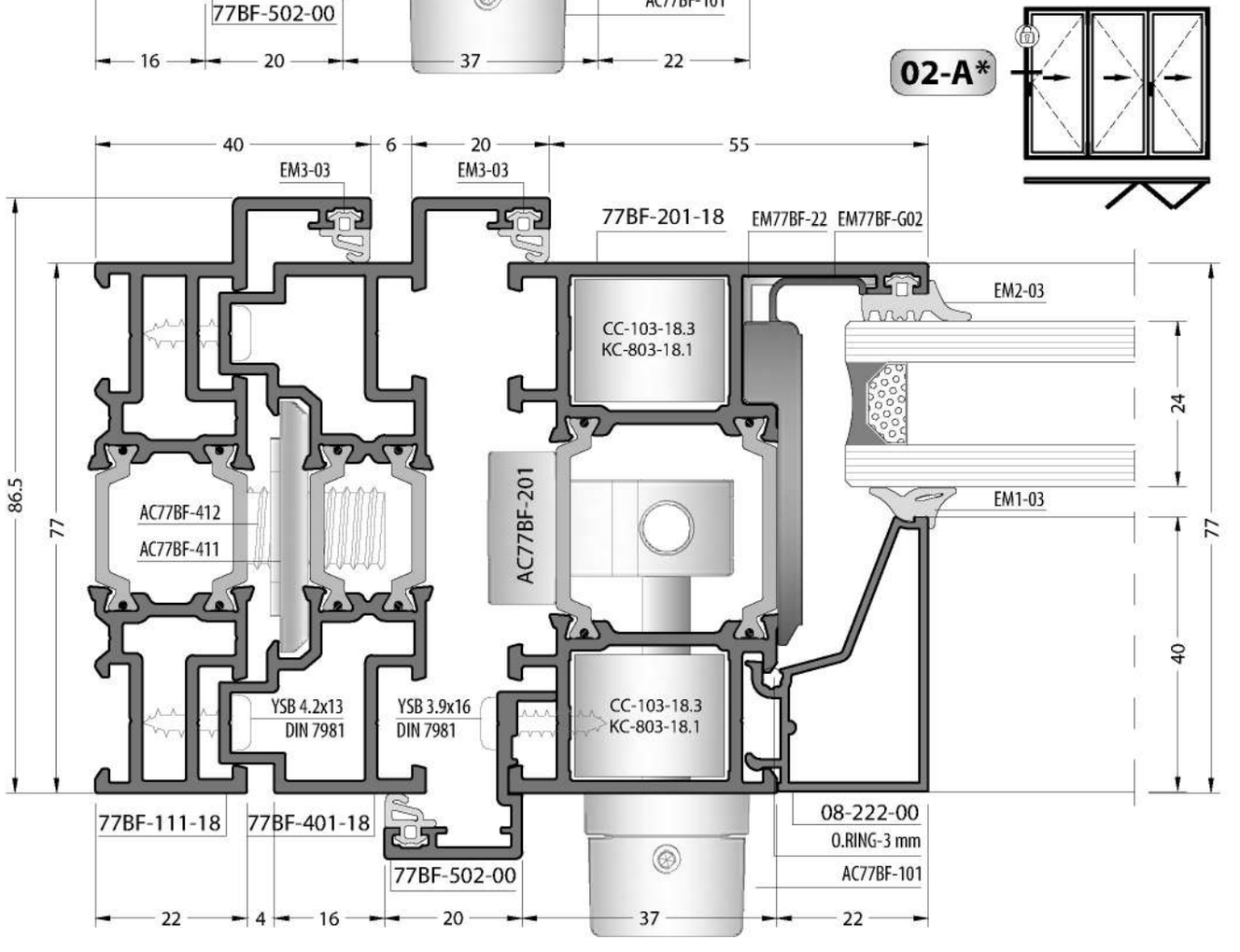
Frame Connection 90°/ Kasa Birleşim 90°



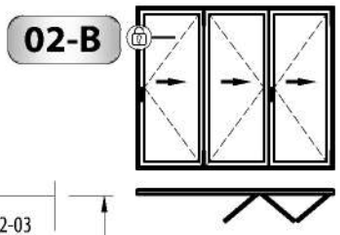


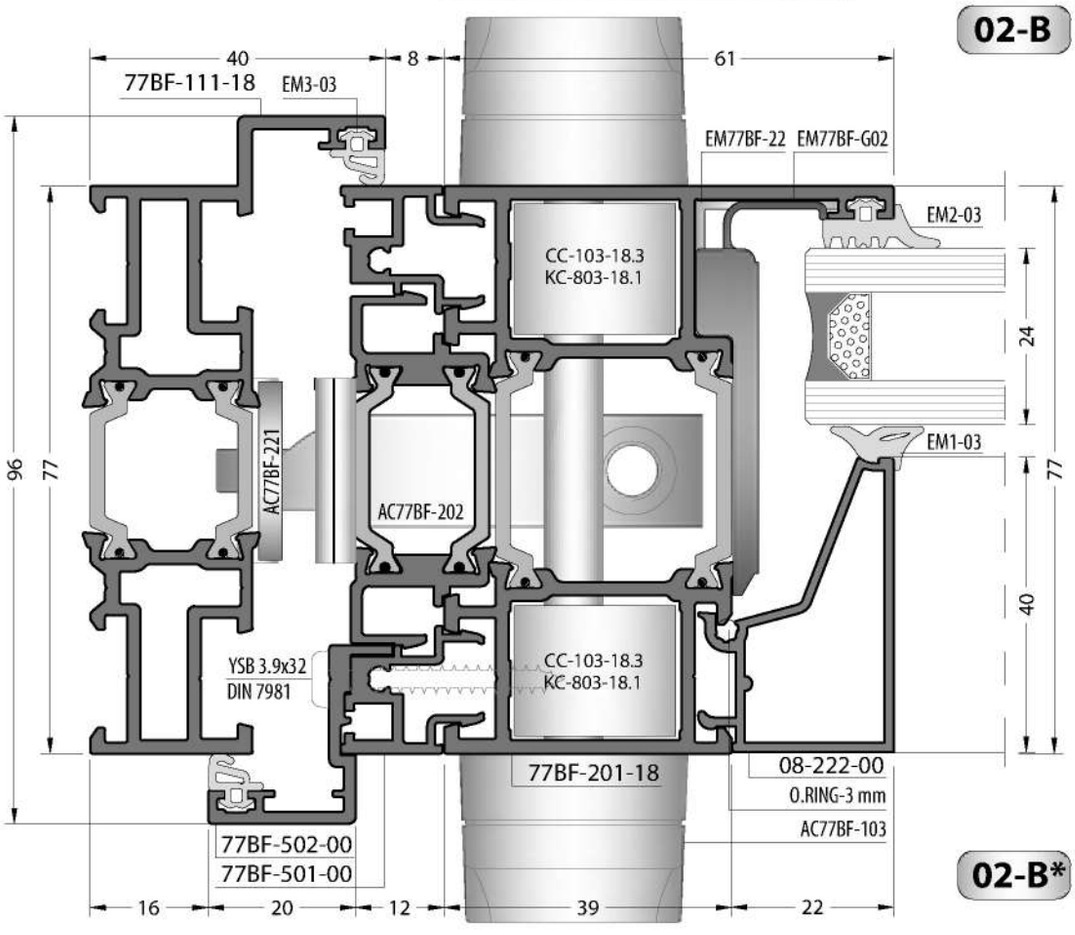
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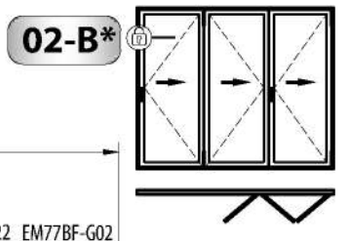


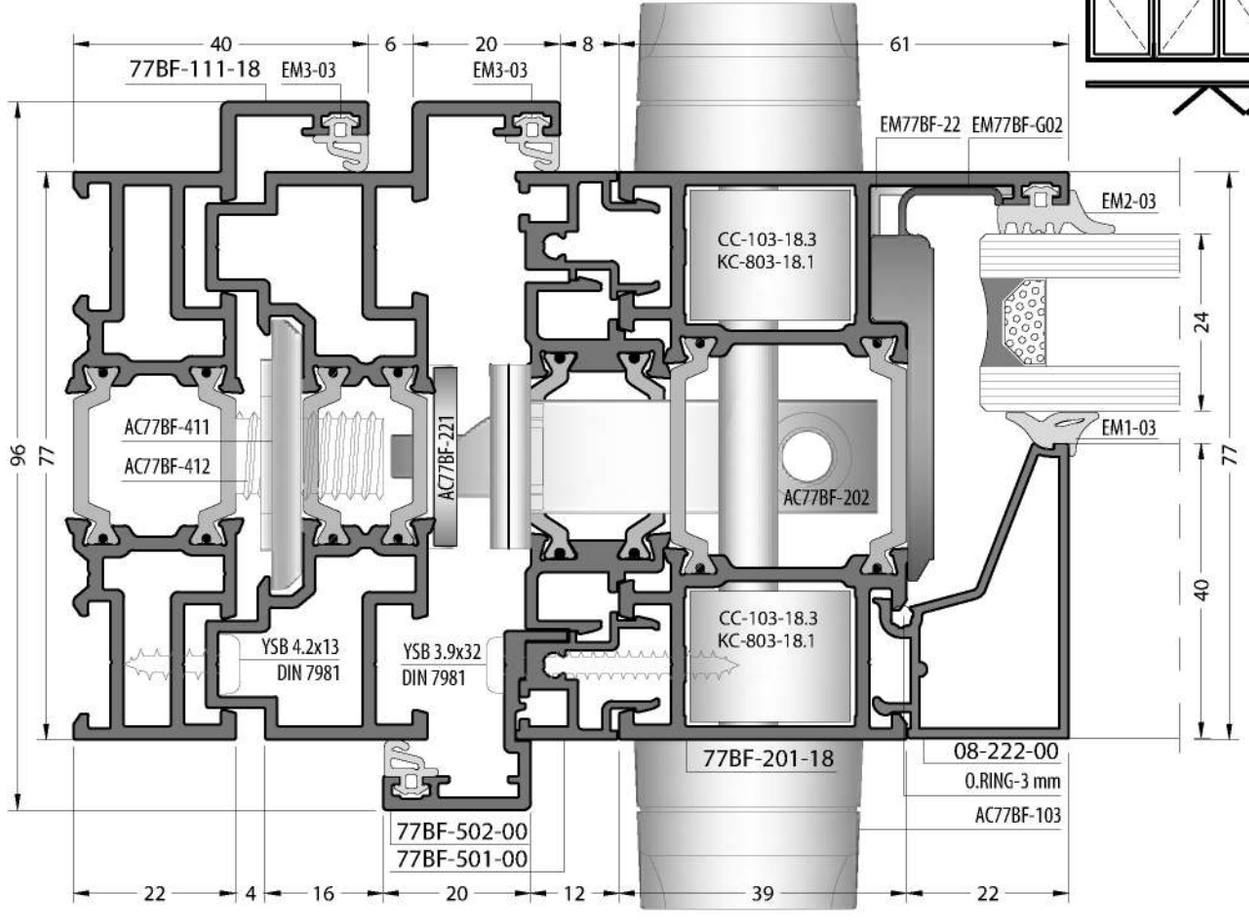


Frame Connection 90°/ Kasa Birleşim 90°



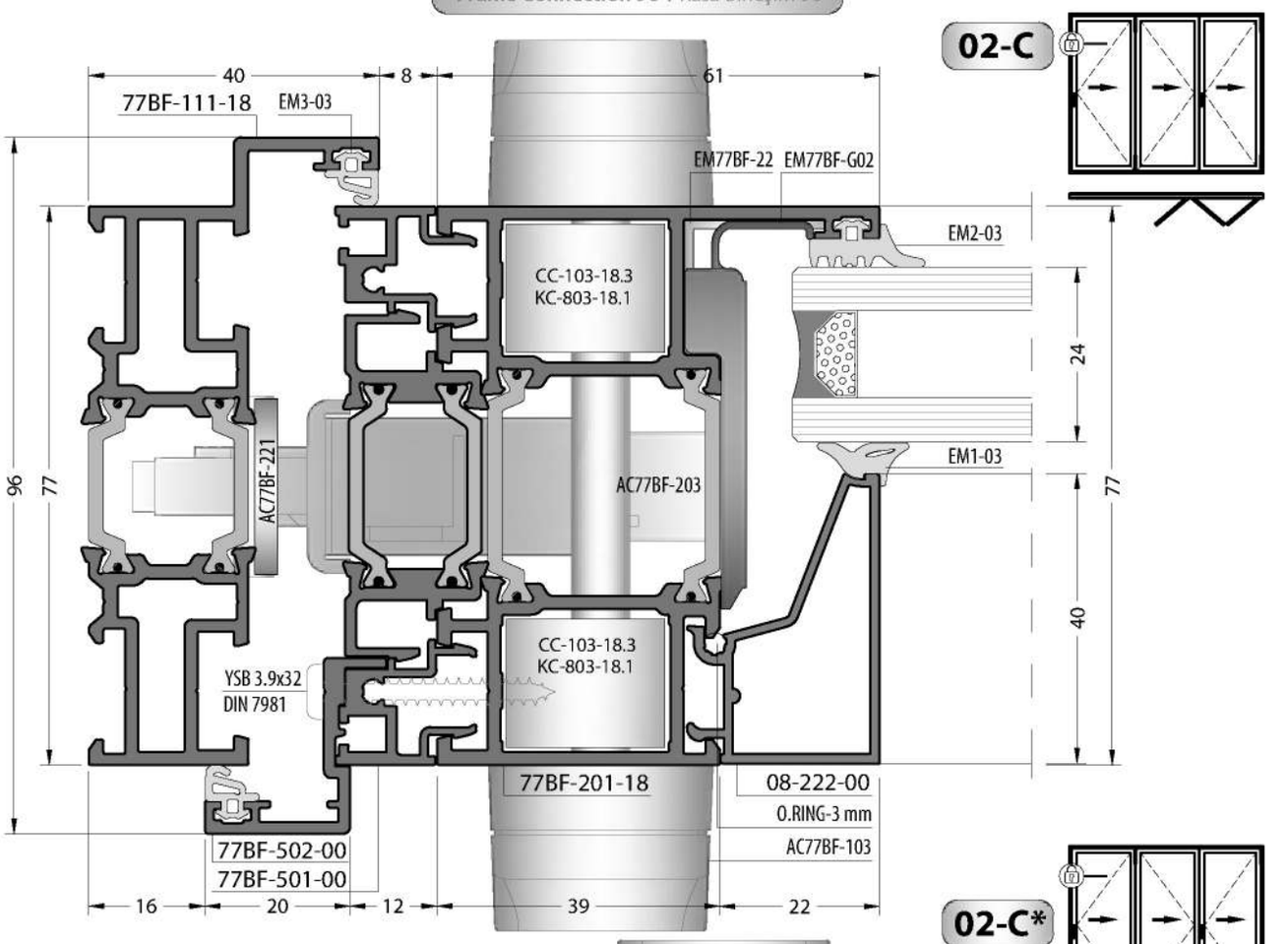




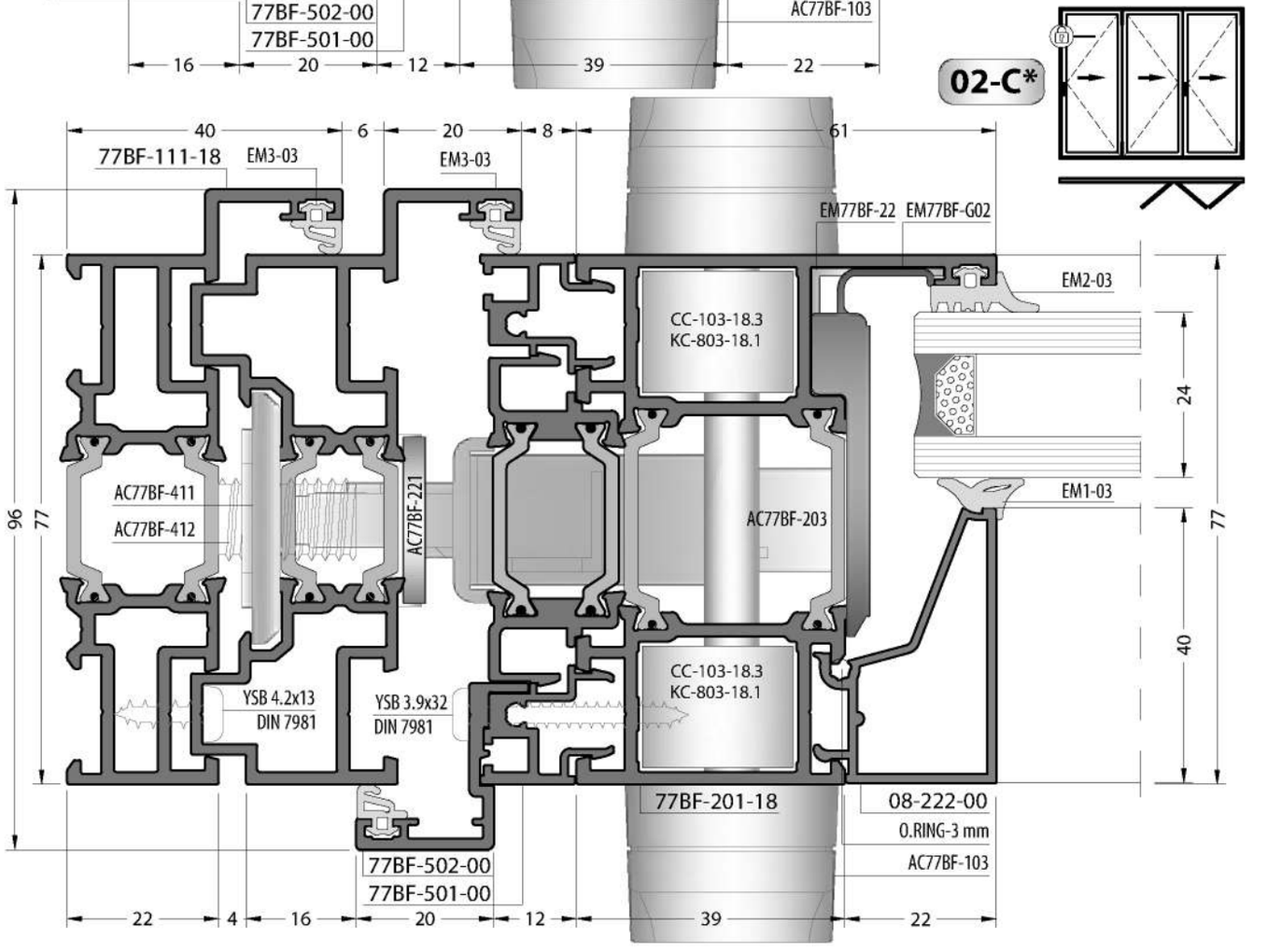


Frame Connection 90°/ Kasa Birleşim 90°

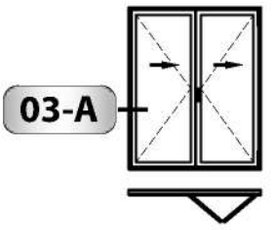
02-C

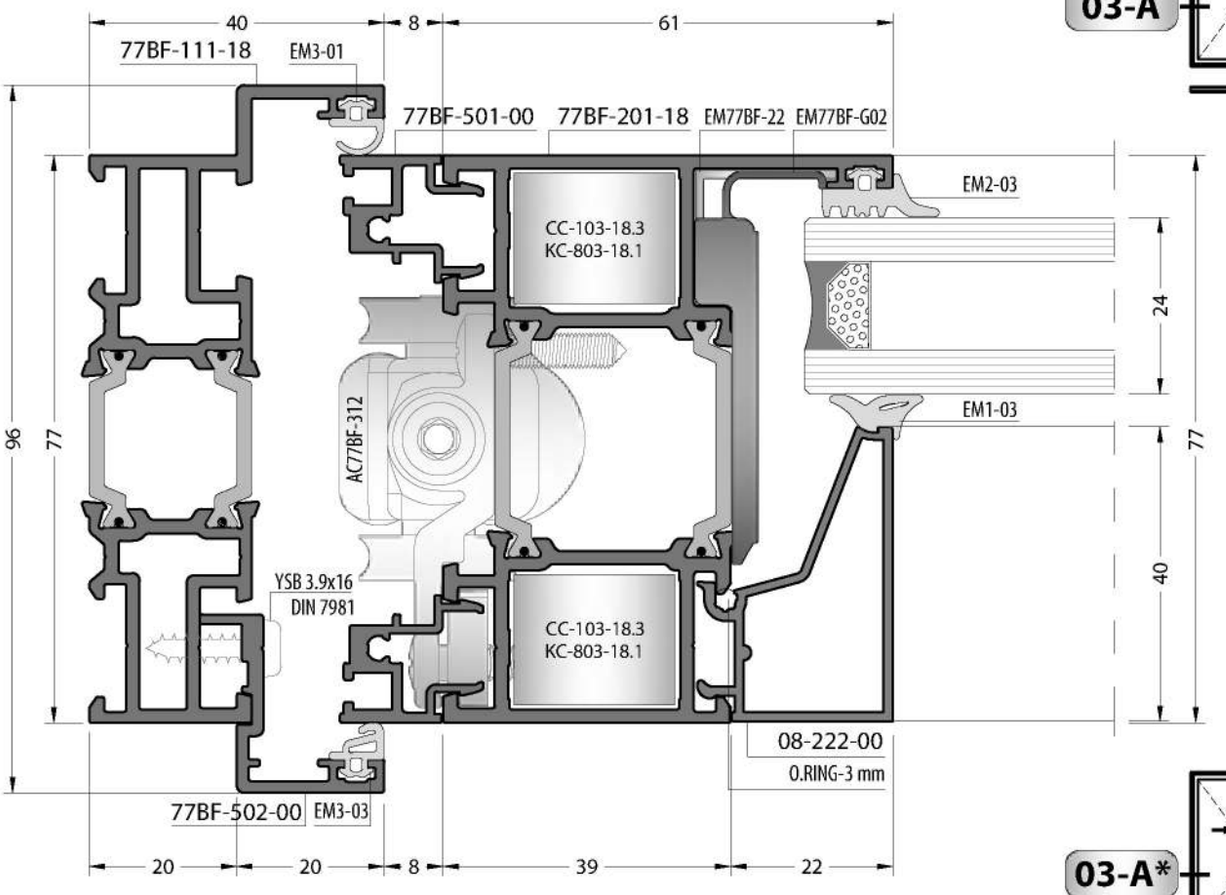


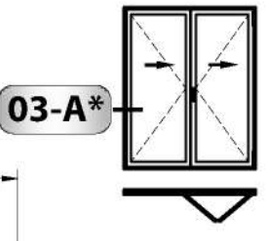
02-C*

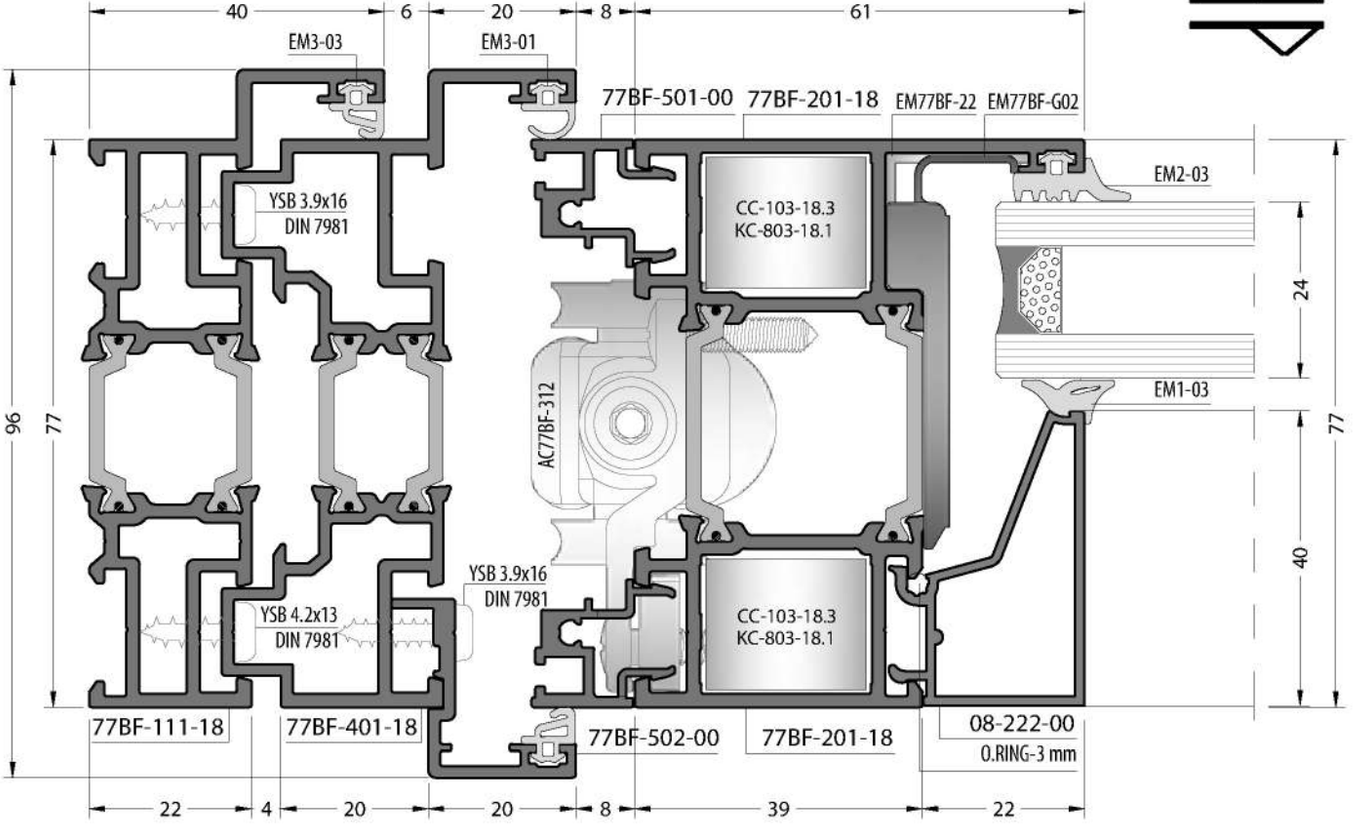


Frame Connection 90°/ Kasa Birleşim 90°



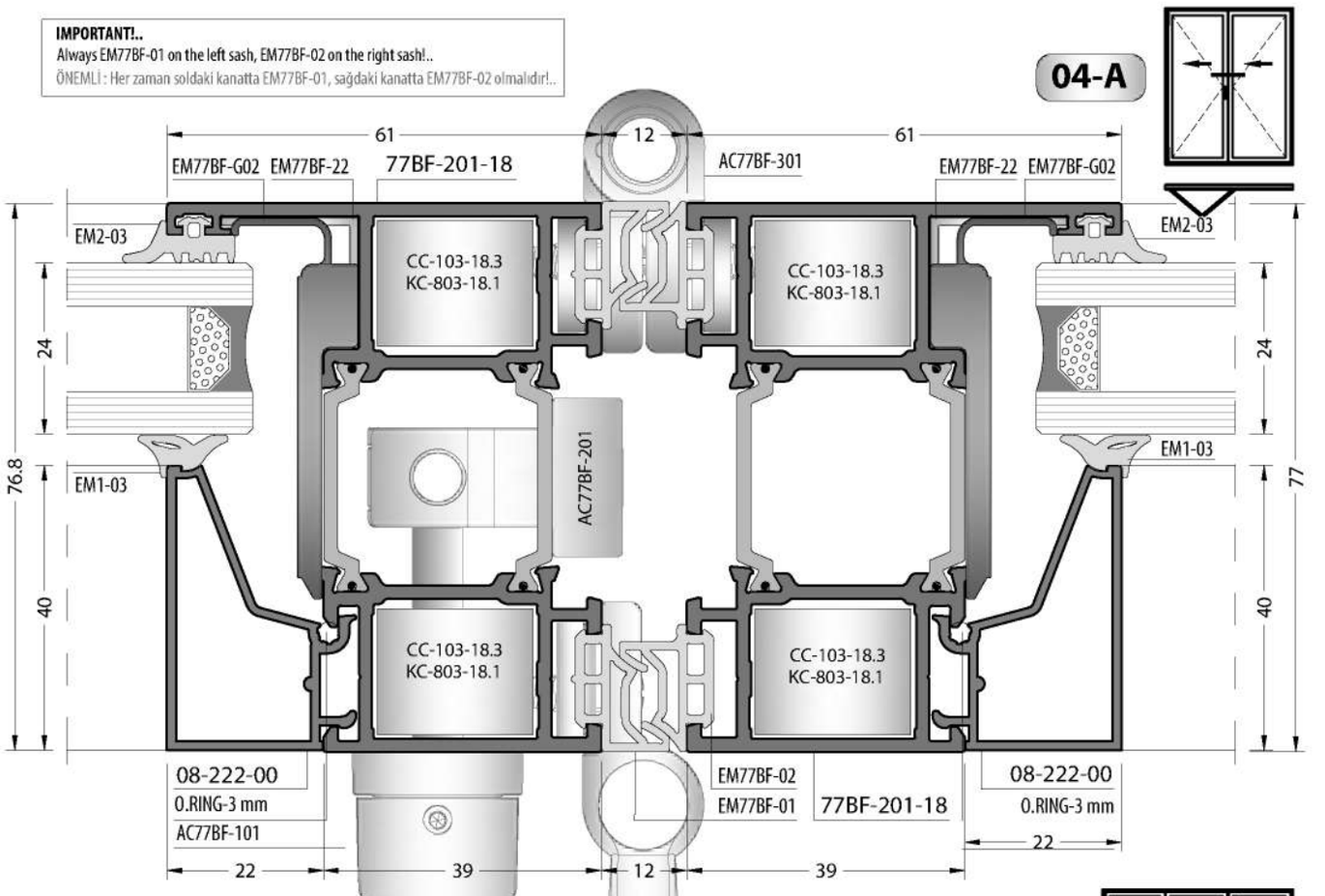






IMPORTANT!..
Always EM77BF-01 on the left sash, EM77BF-02 on the right sash!..
ÖNEMLİ : Her zaman soldaki kanatta EM77BF-01, sağdaki kanatta EM77BF-02 olmalıdır!..

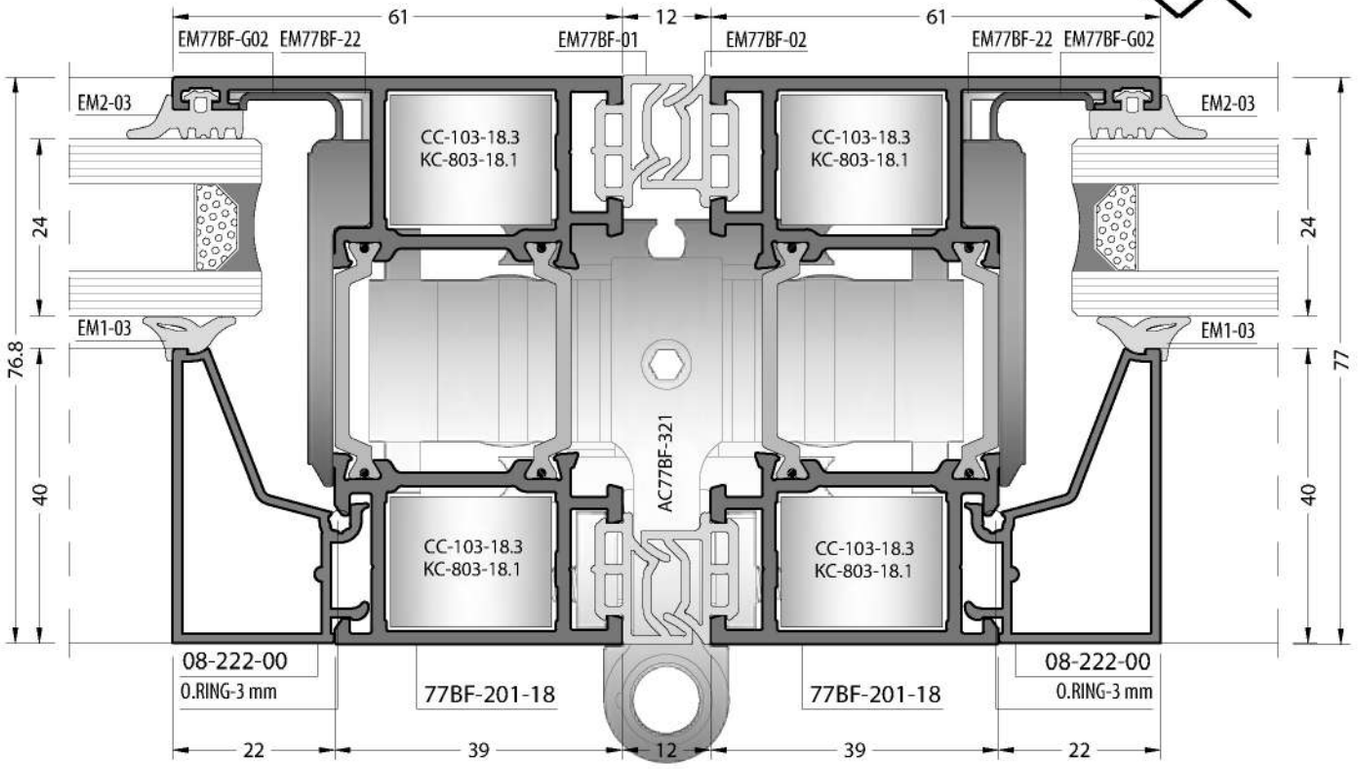
04-A



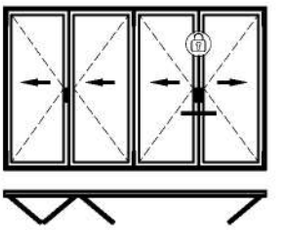
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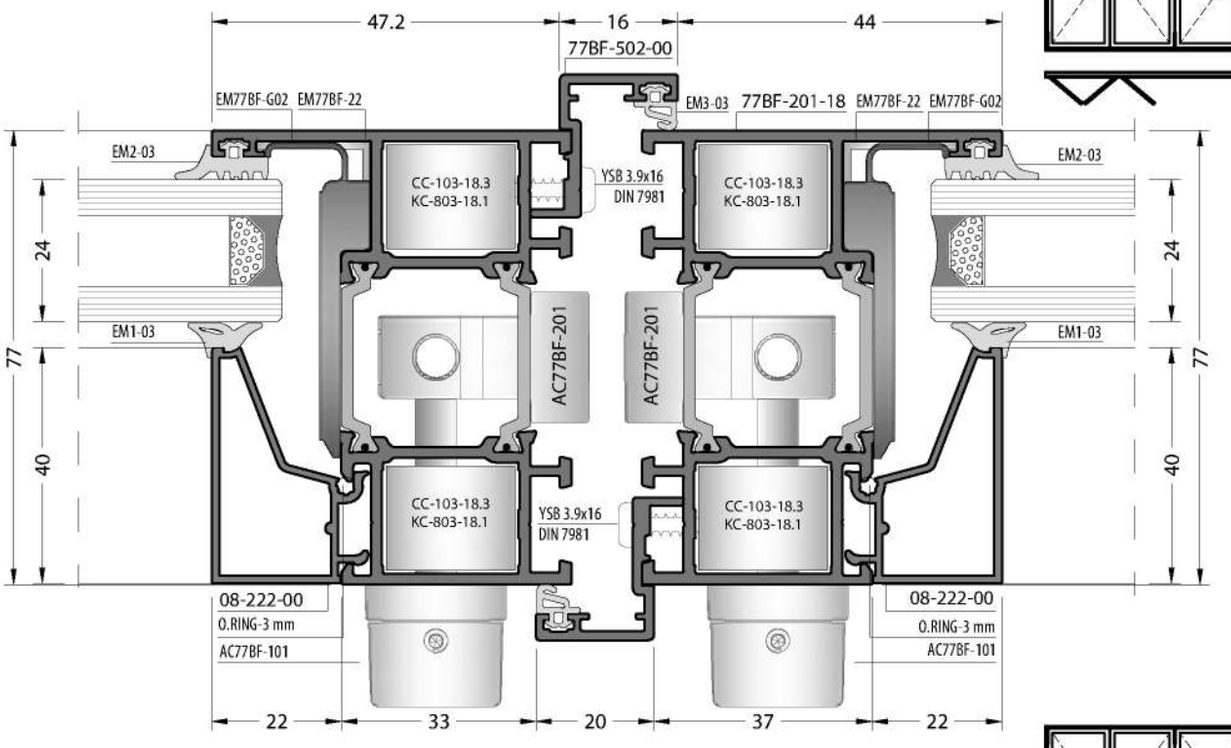
IMPORTANT!..
Always EM77BF-01 on the left sash, EM77BF-02 on the right sash!..
ÖNEMLİ : Her zaman soldaki kanatta EM77BF-01, sağdaki kanatta EM77BF-02 olmalıdır!..

05-A

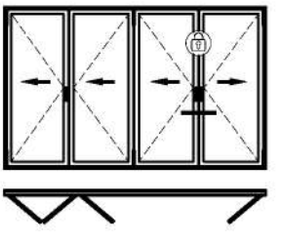


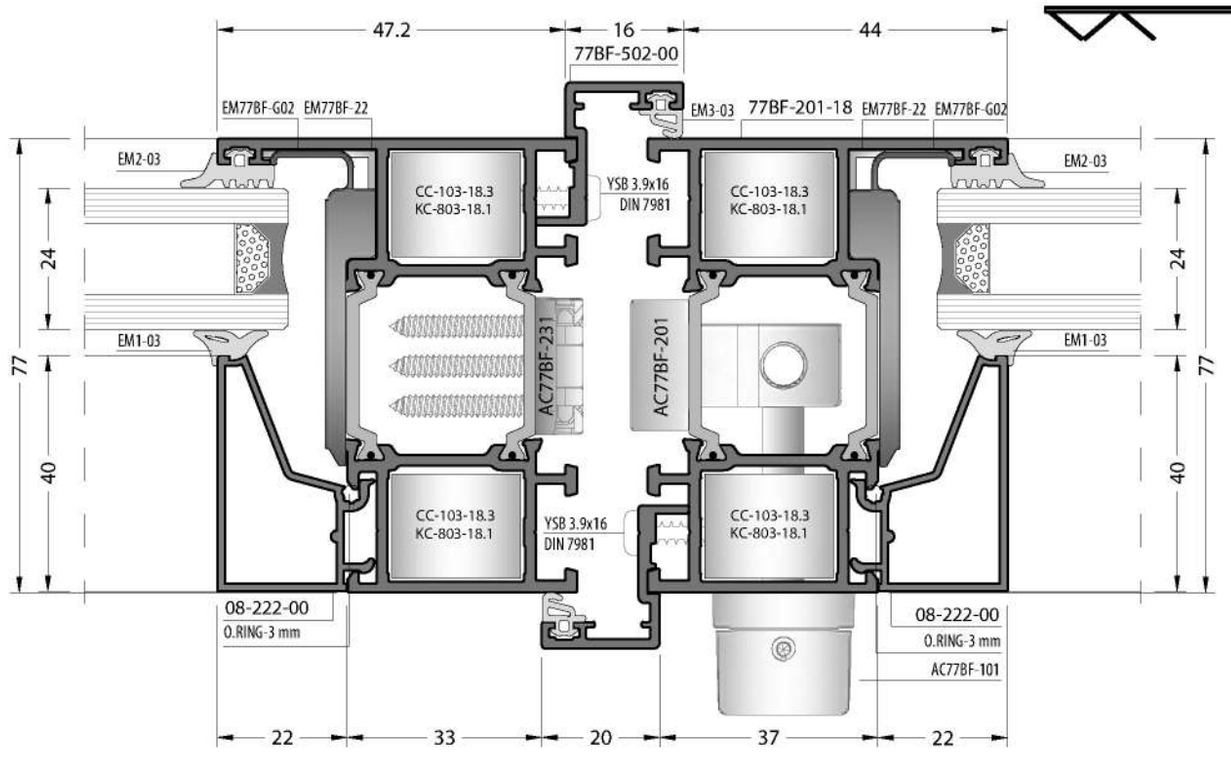
06-A1





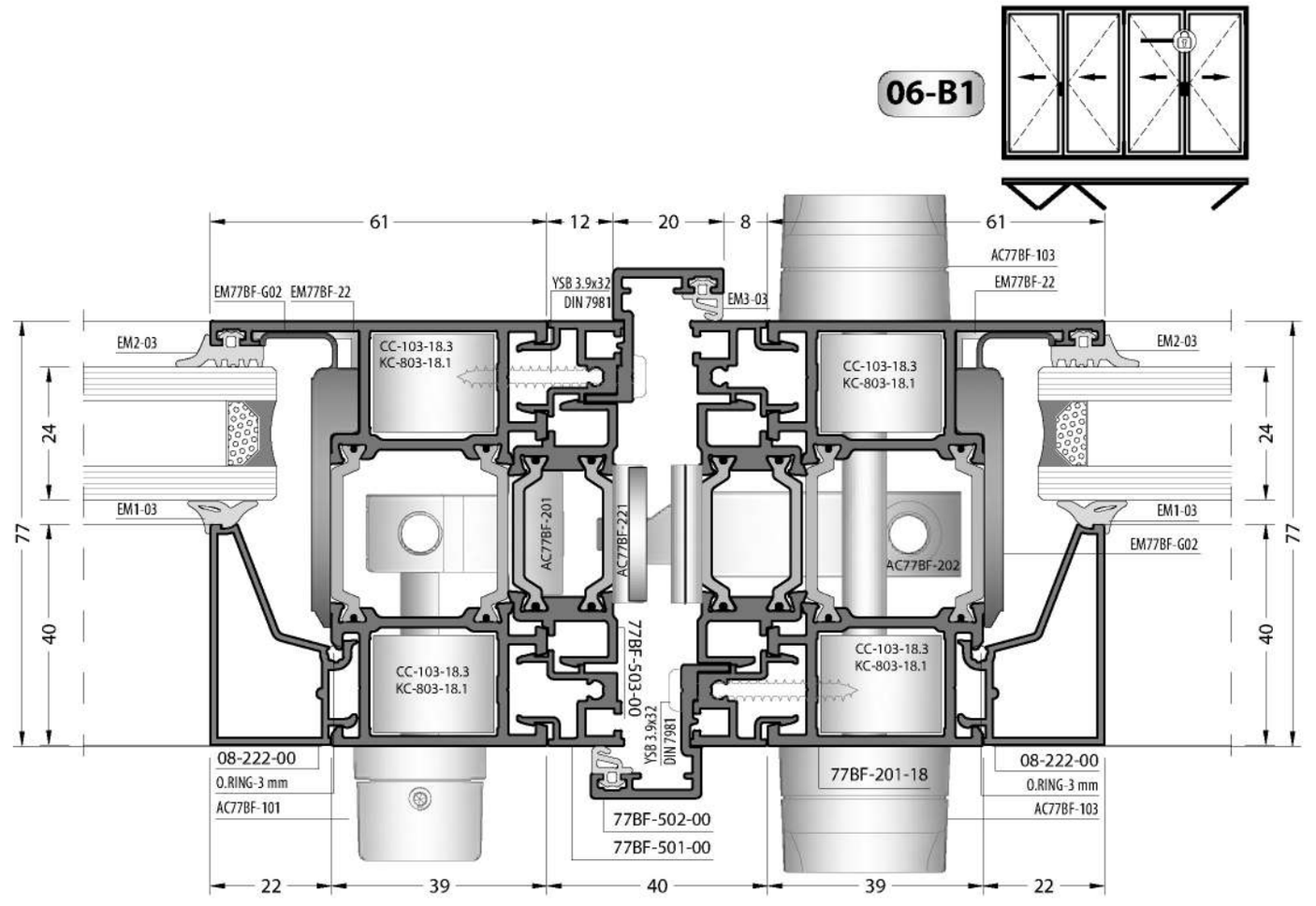
06-A2



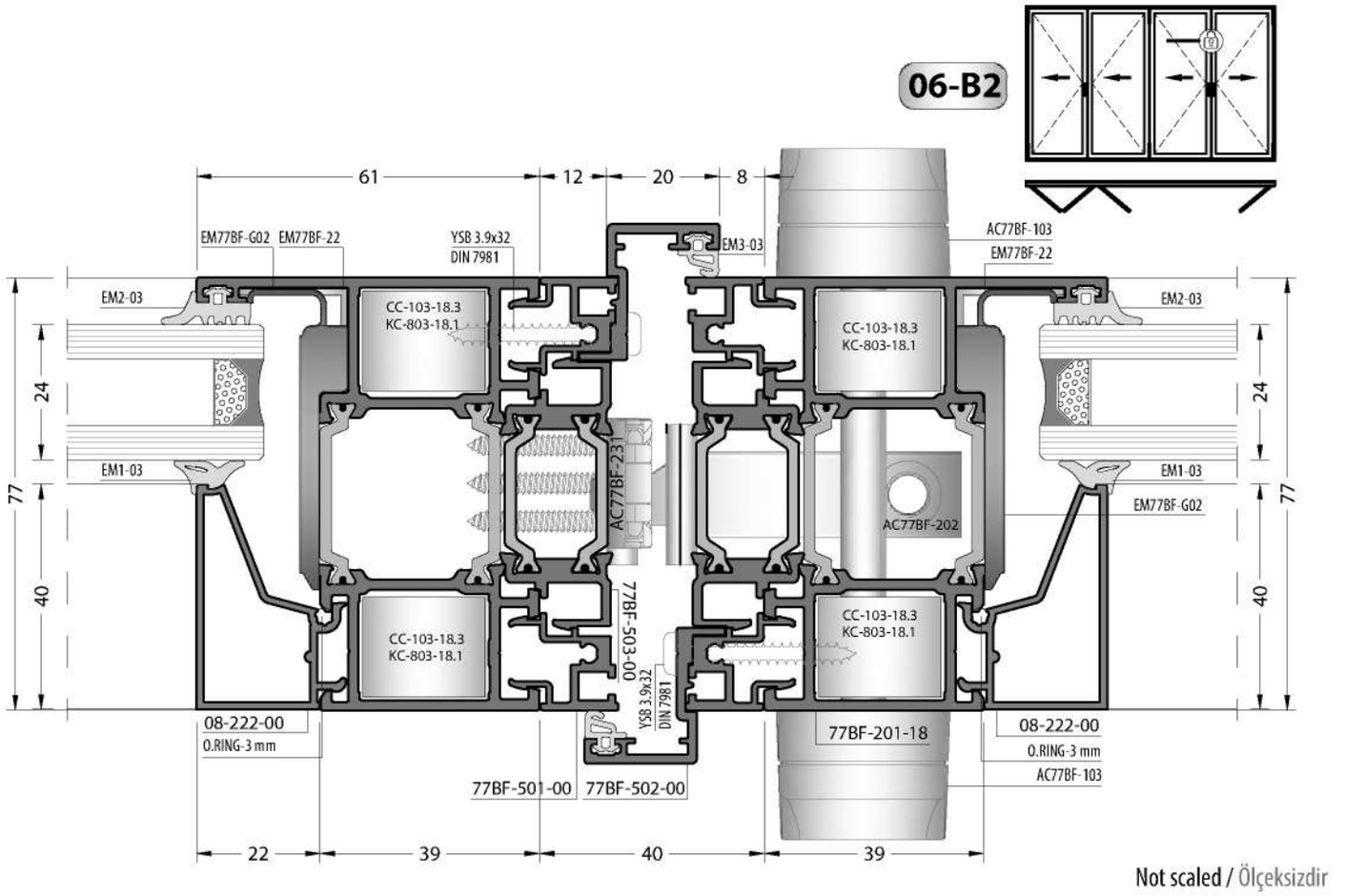


Not scaled / Ölçeksizdir

06-B1

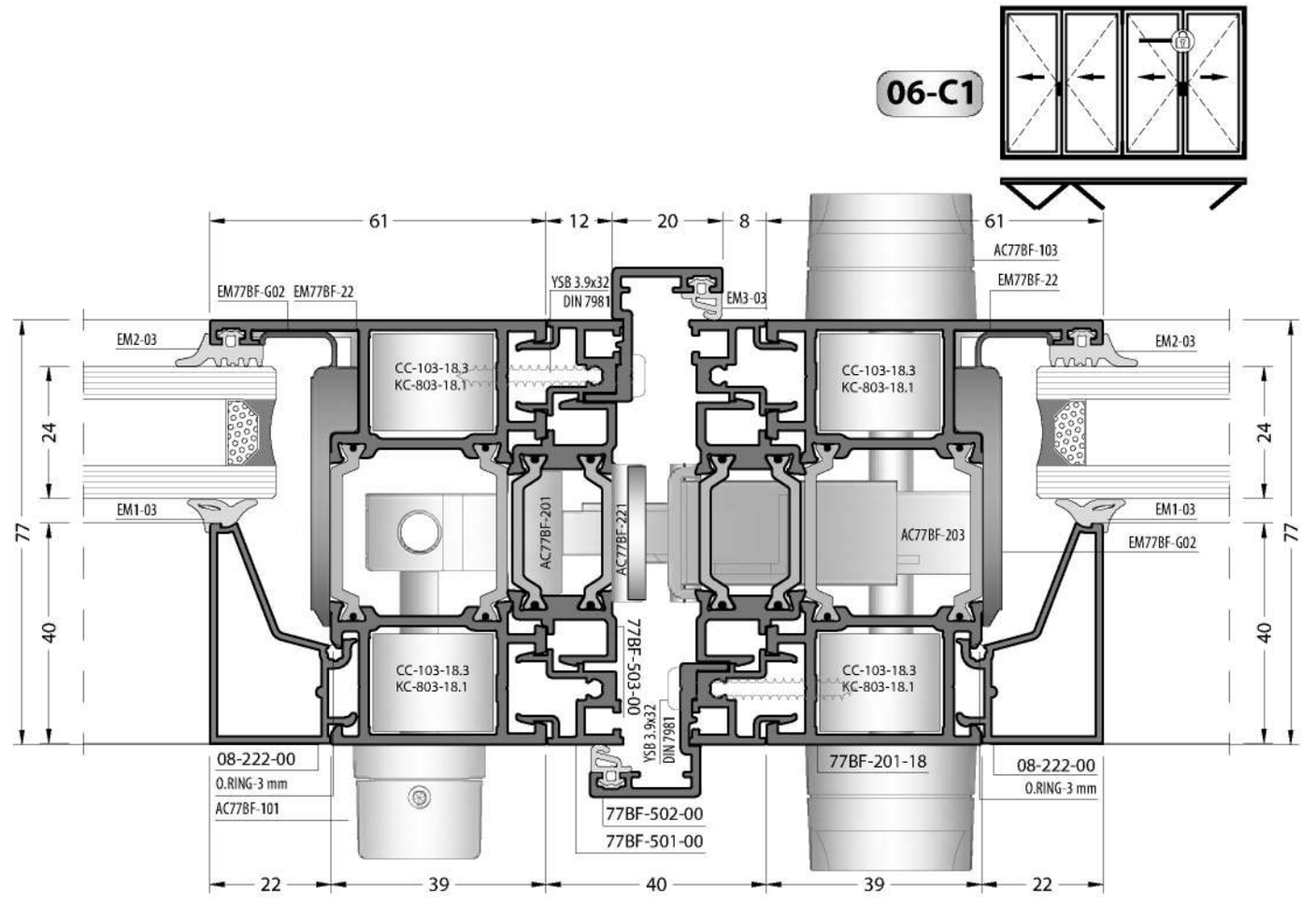


06-B2

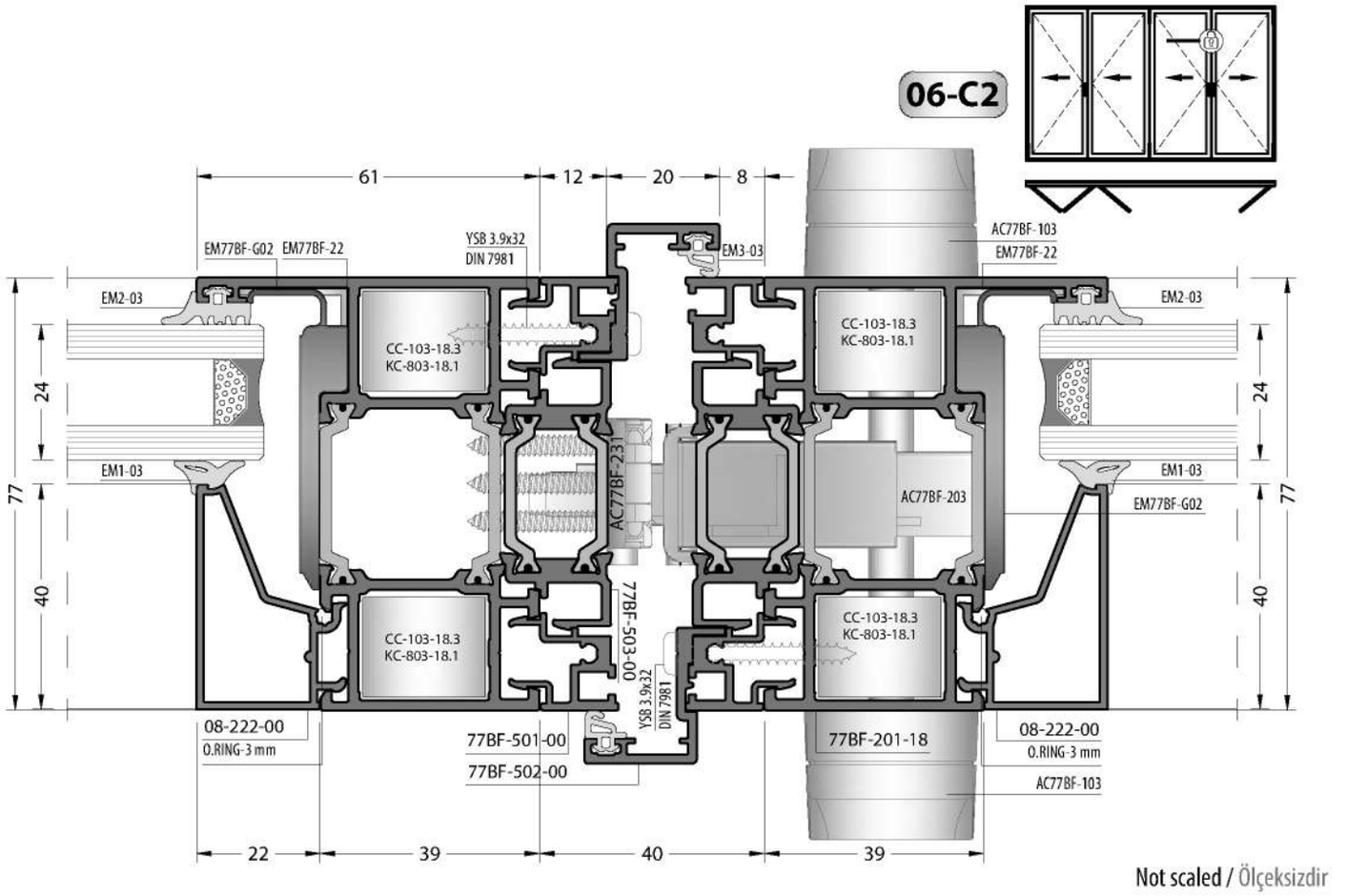


Not scaled / Ölçeksizdir

06-C1

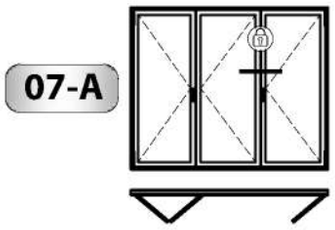


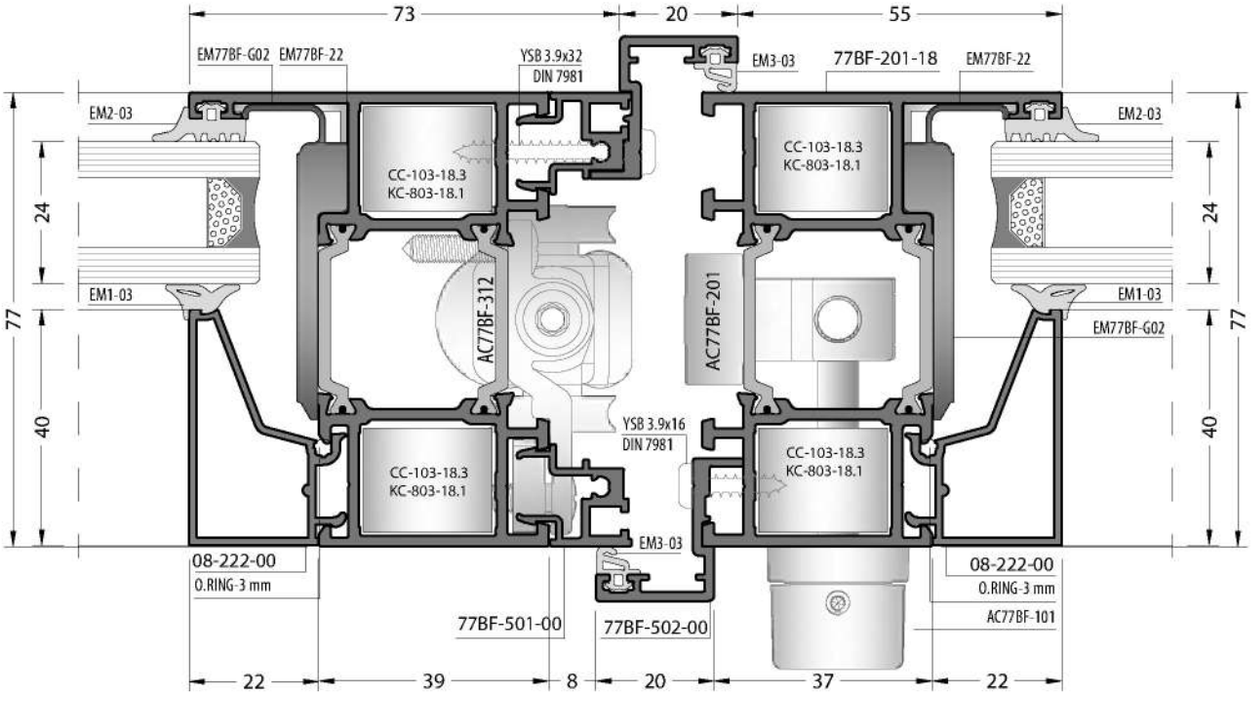
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Not scaled / Ölçeksizdir

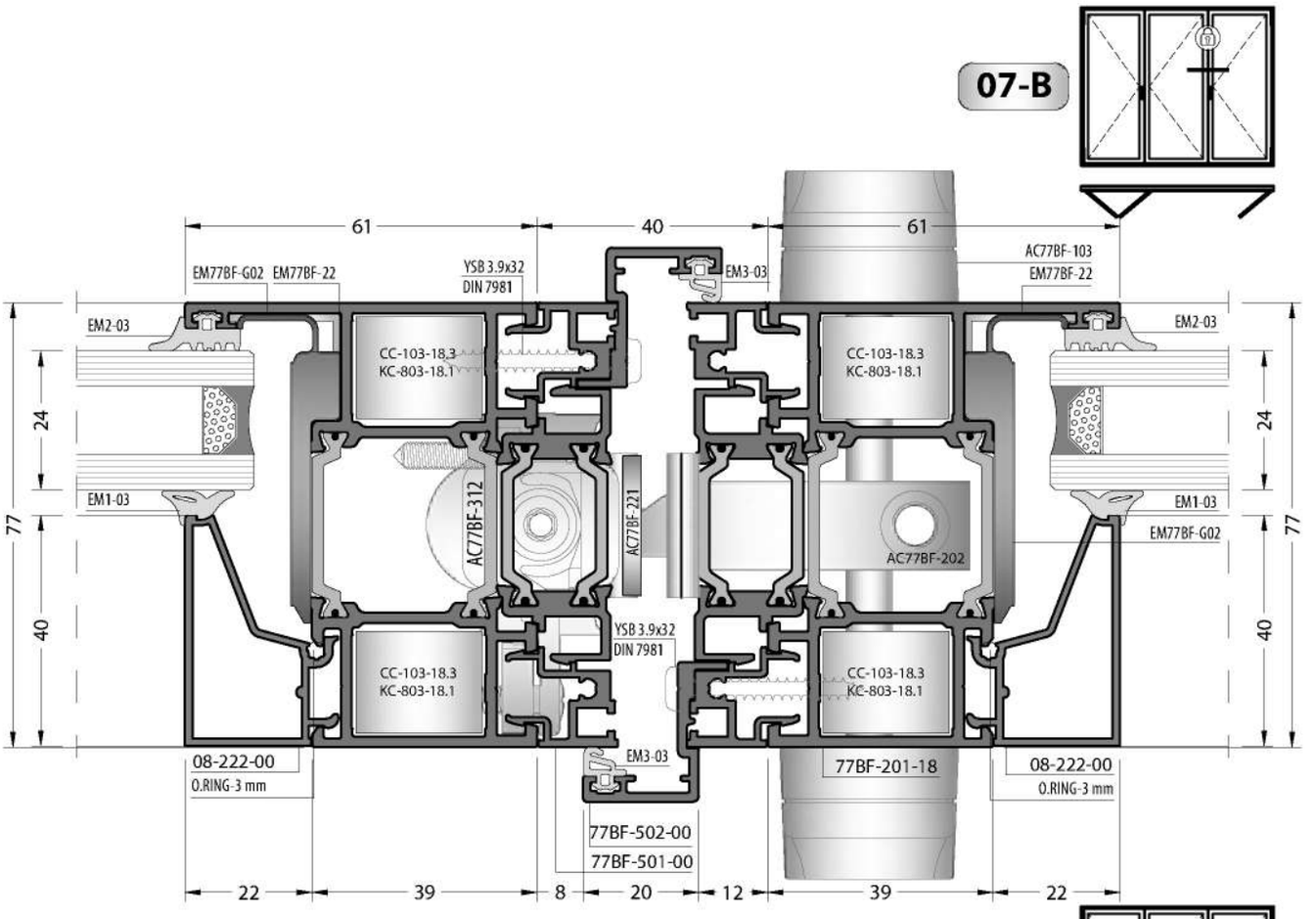
07-A



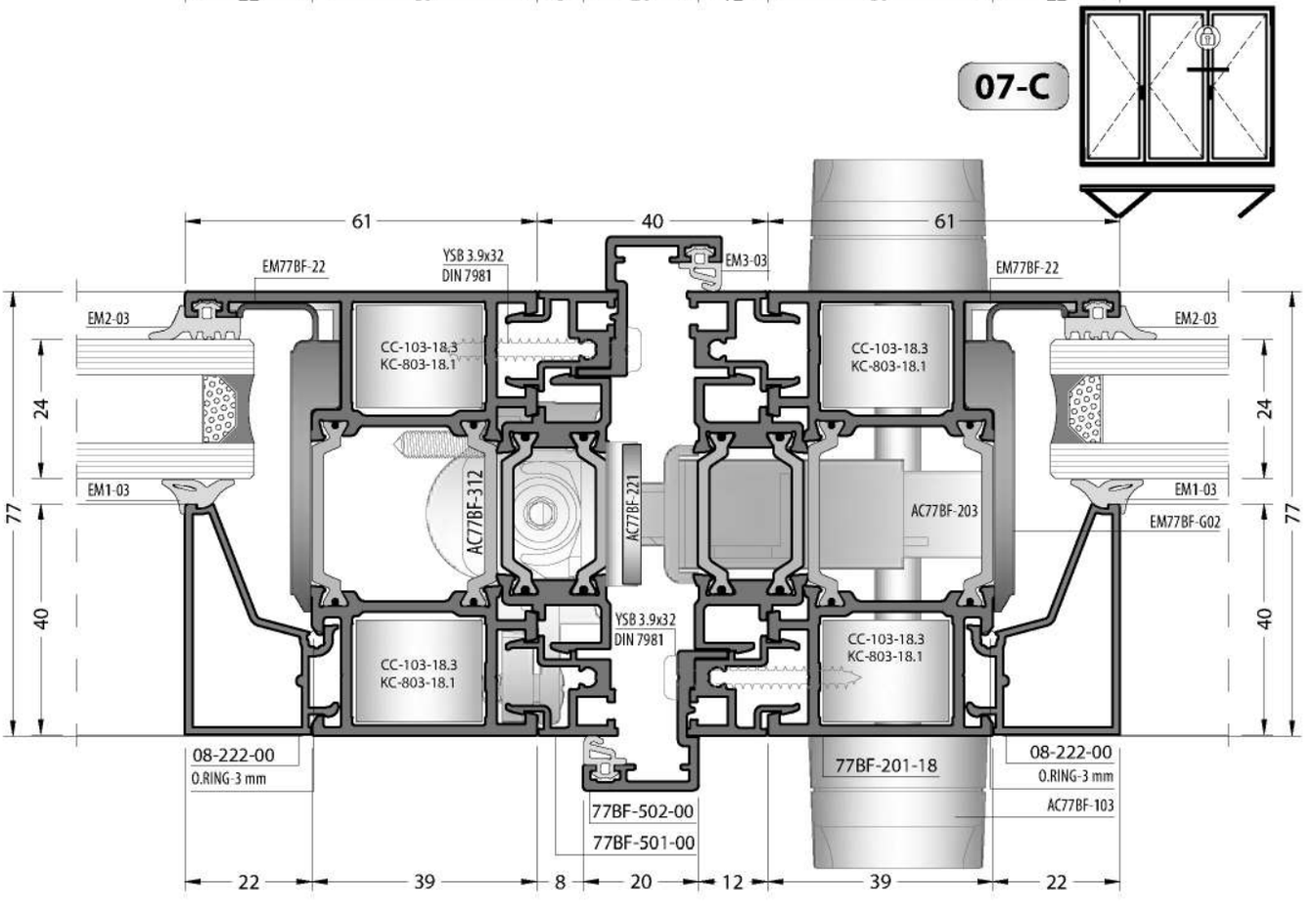


Not scaled / Ölçeksizdir

07-B

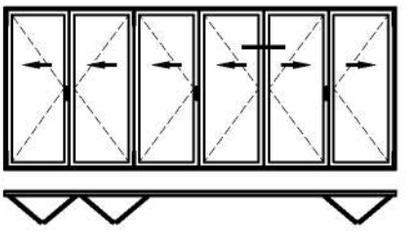


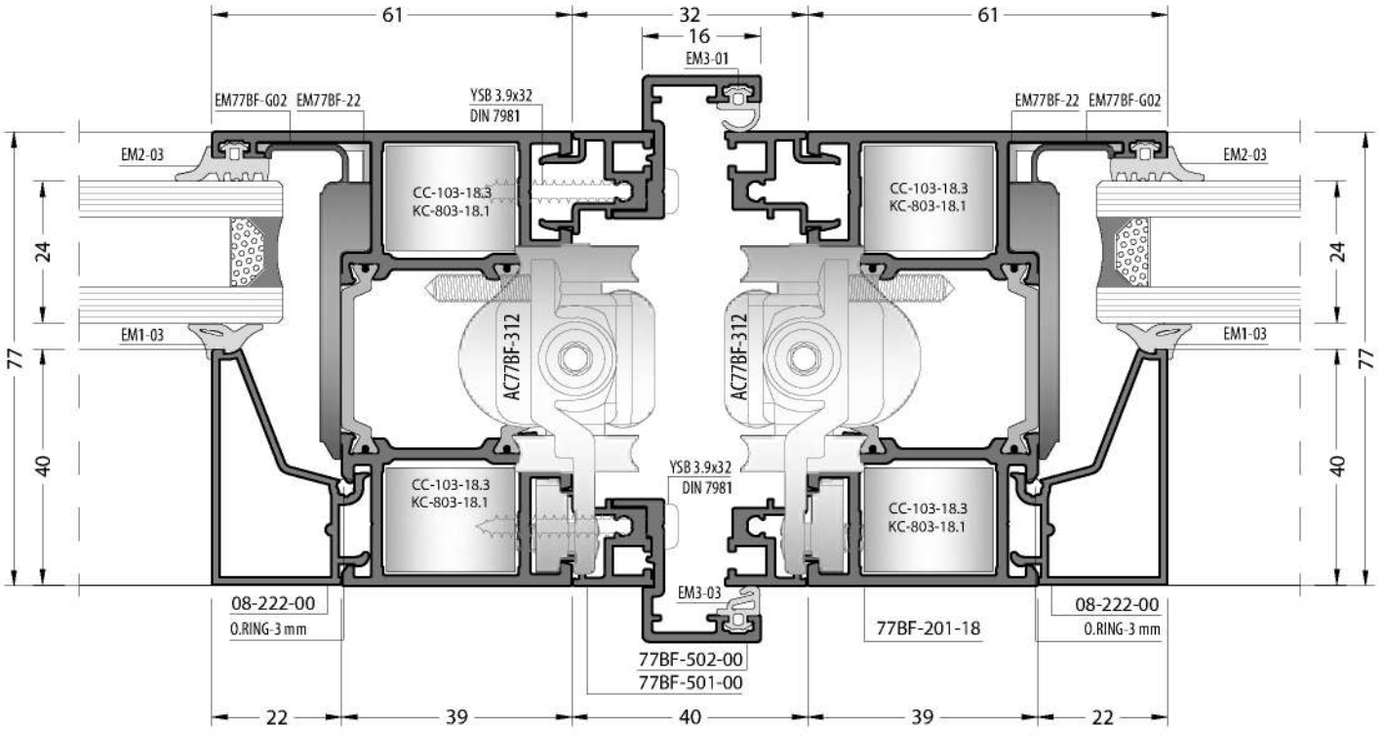
07-C



Not scaled / Ölçeksizdir

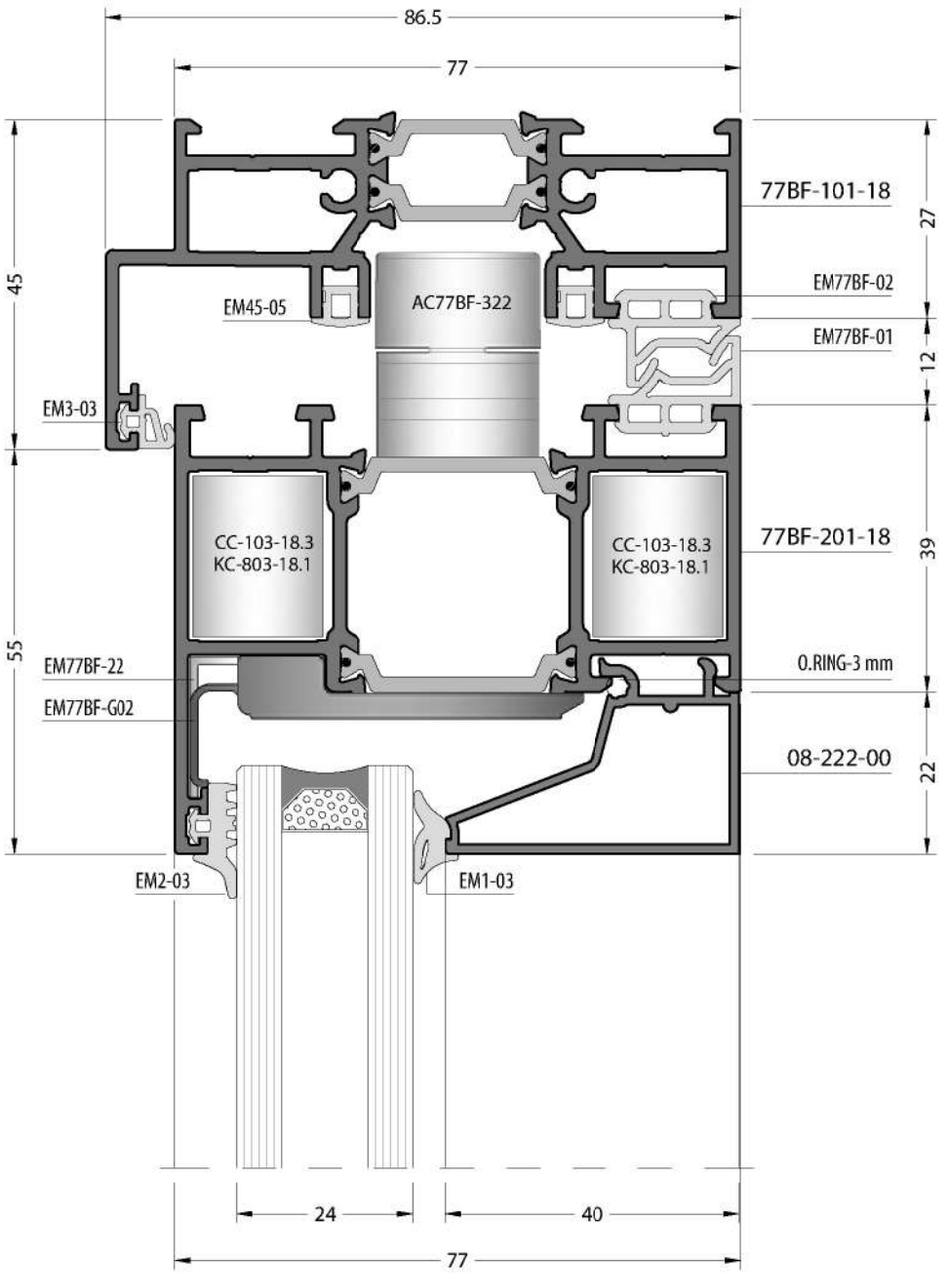
08-A



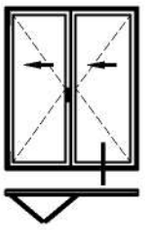


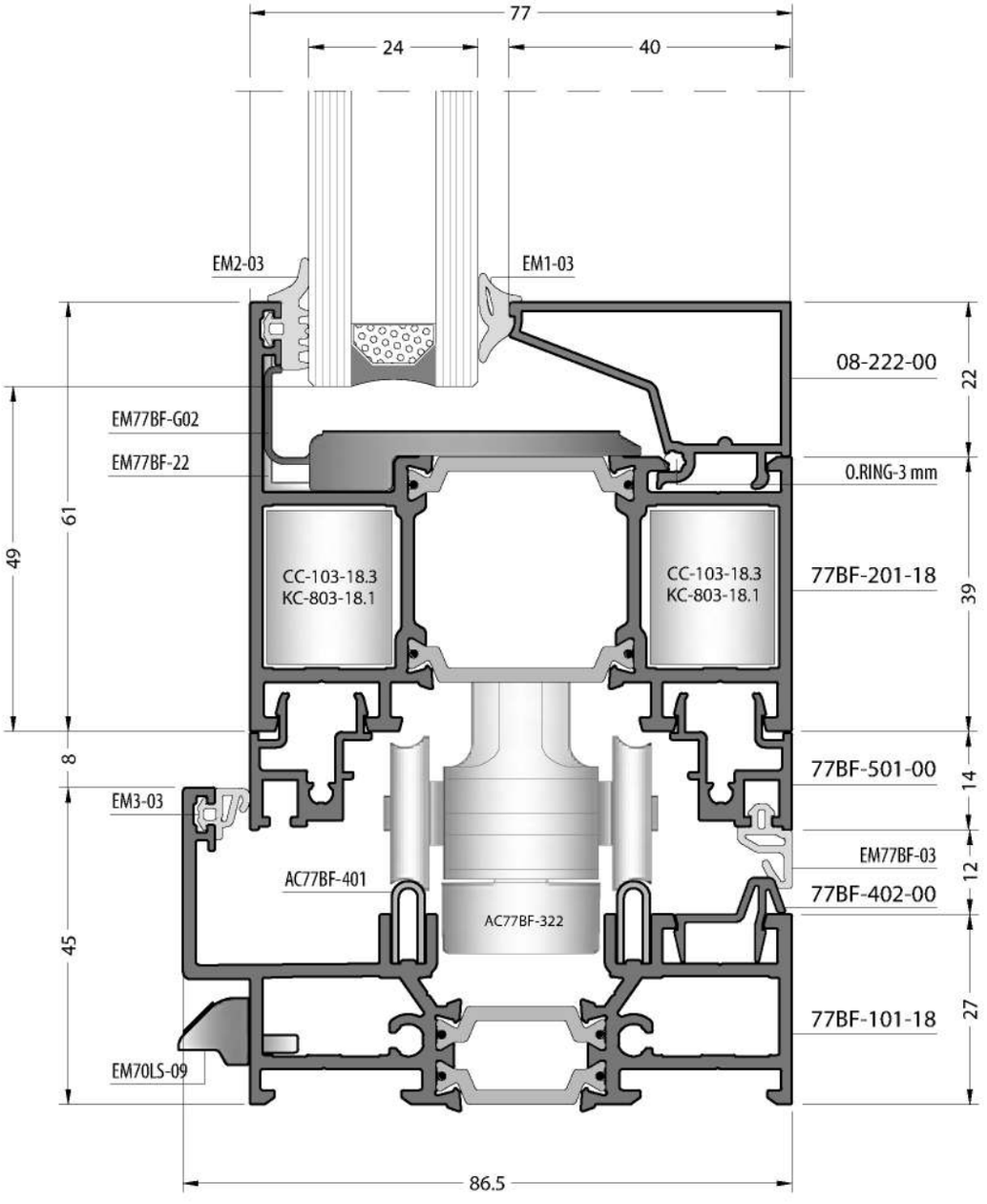
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09-A

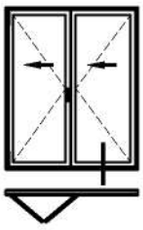

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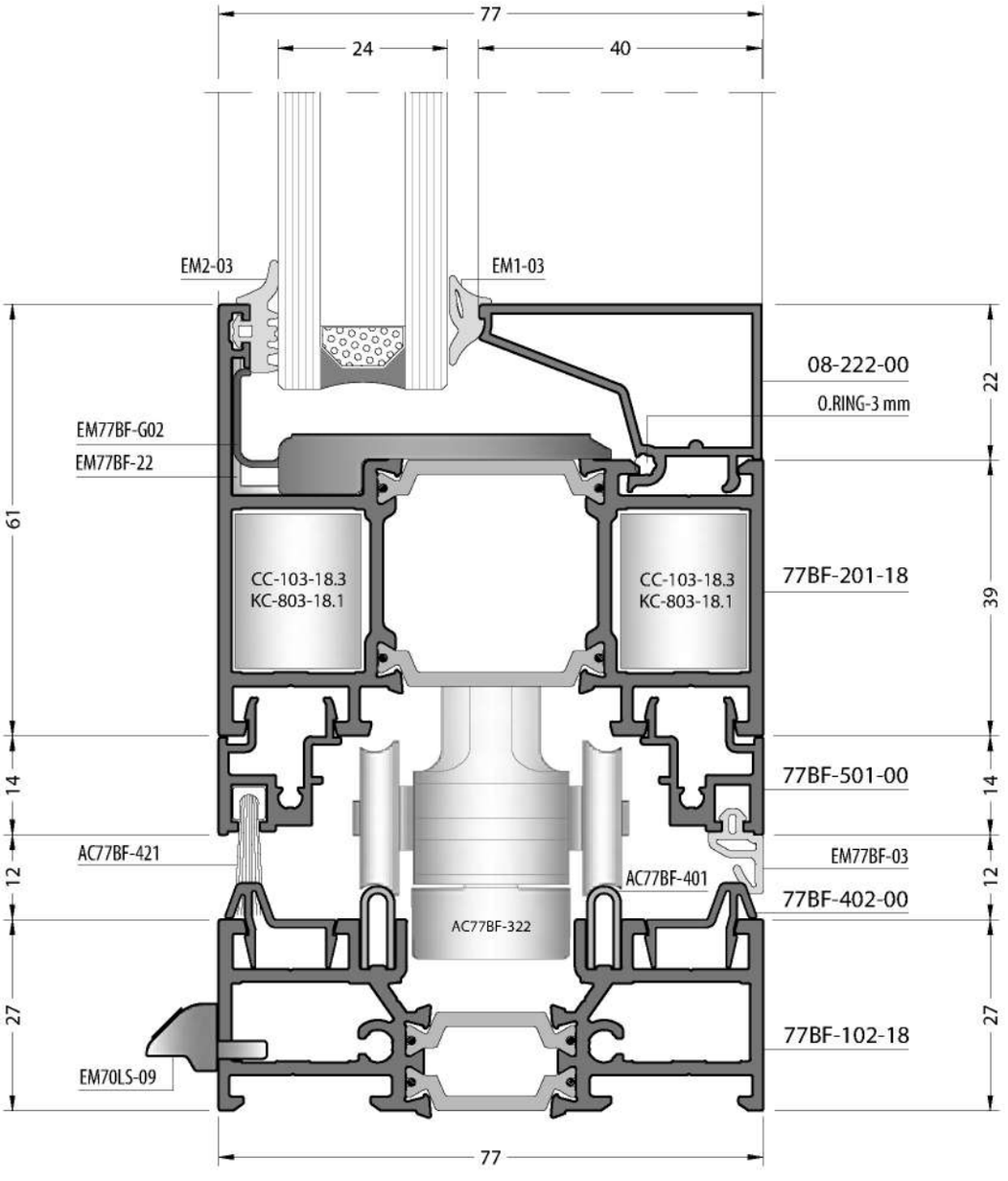
10-A



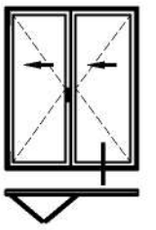

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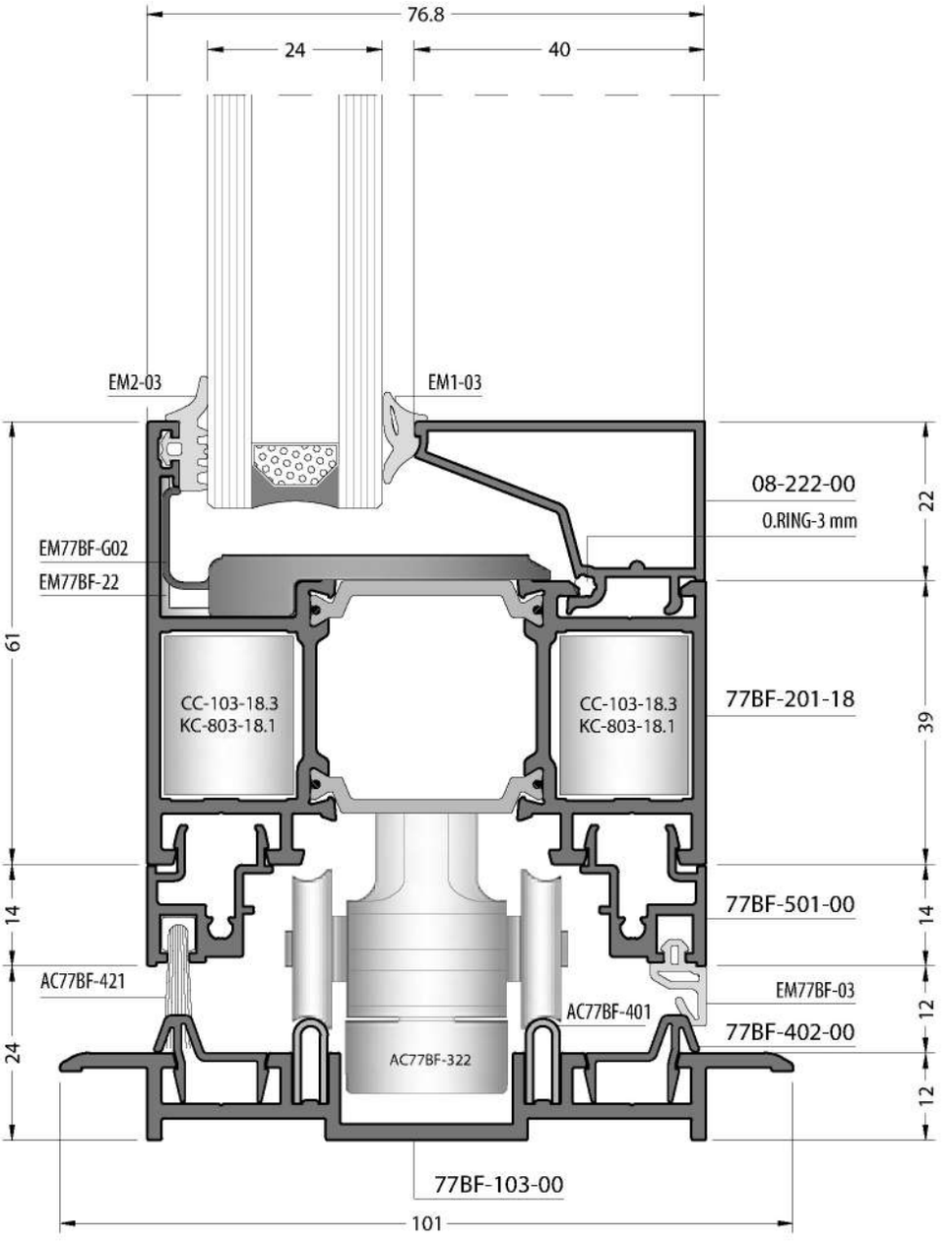
10-B



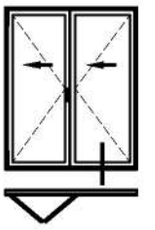

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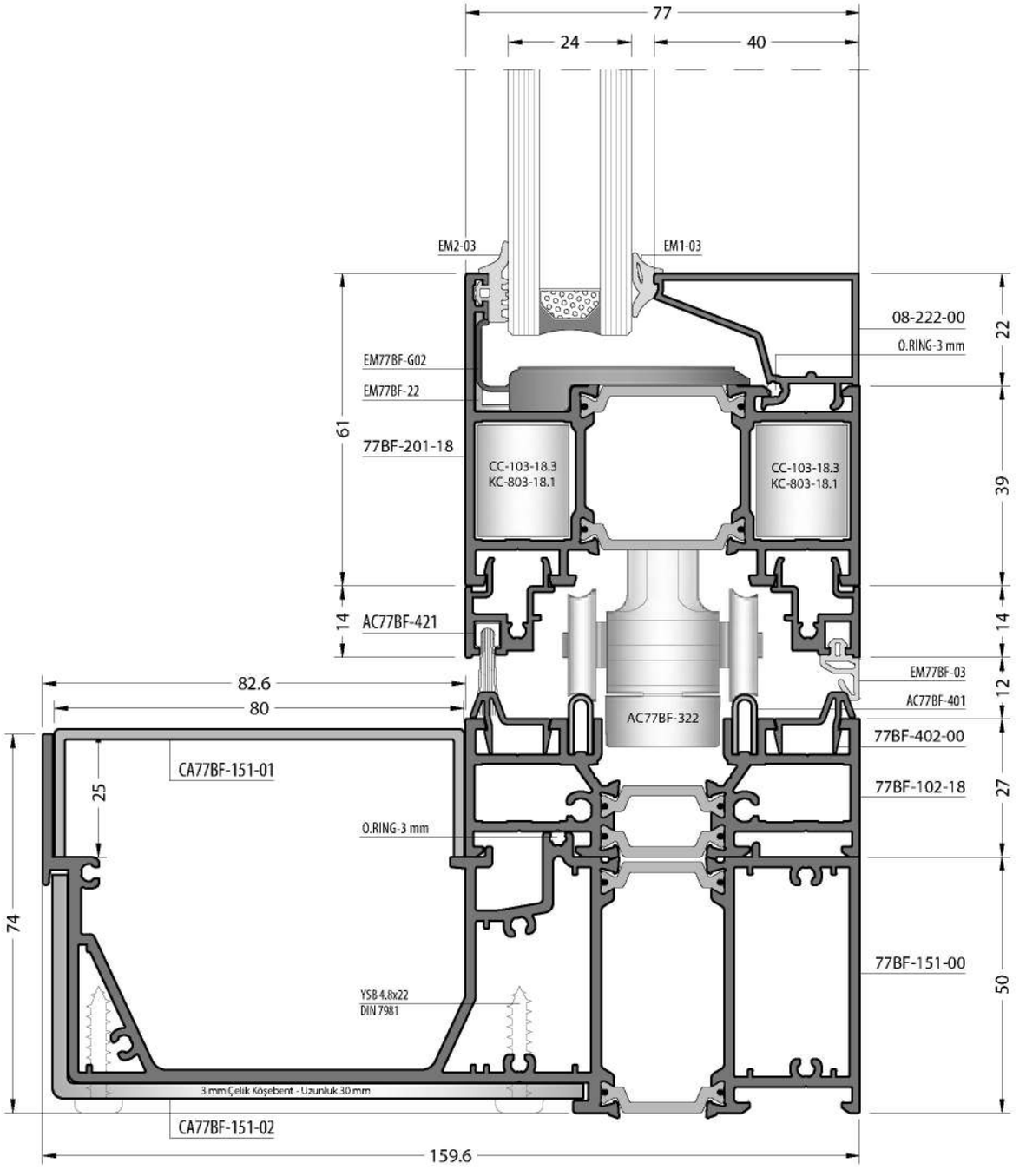
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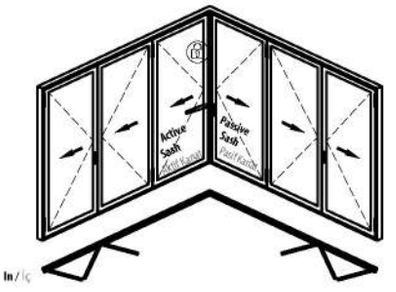

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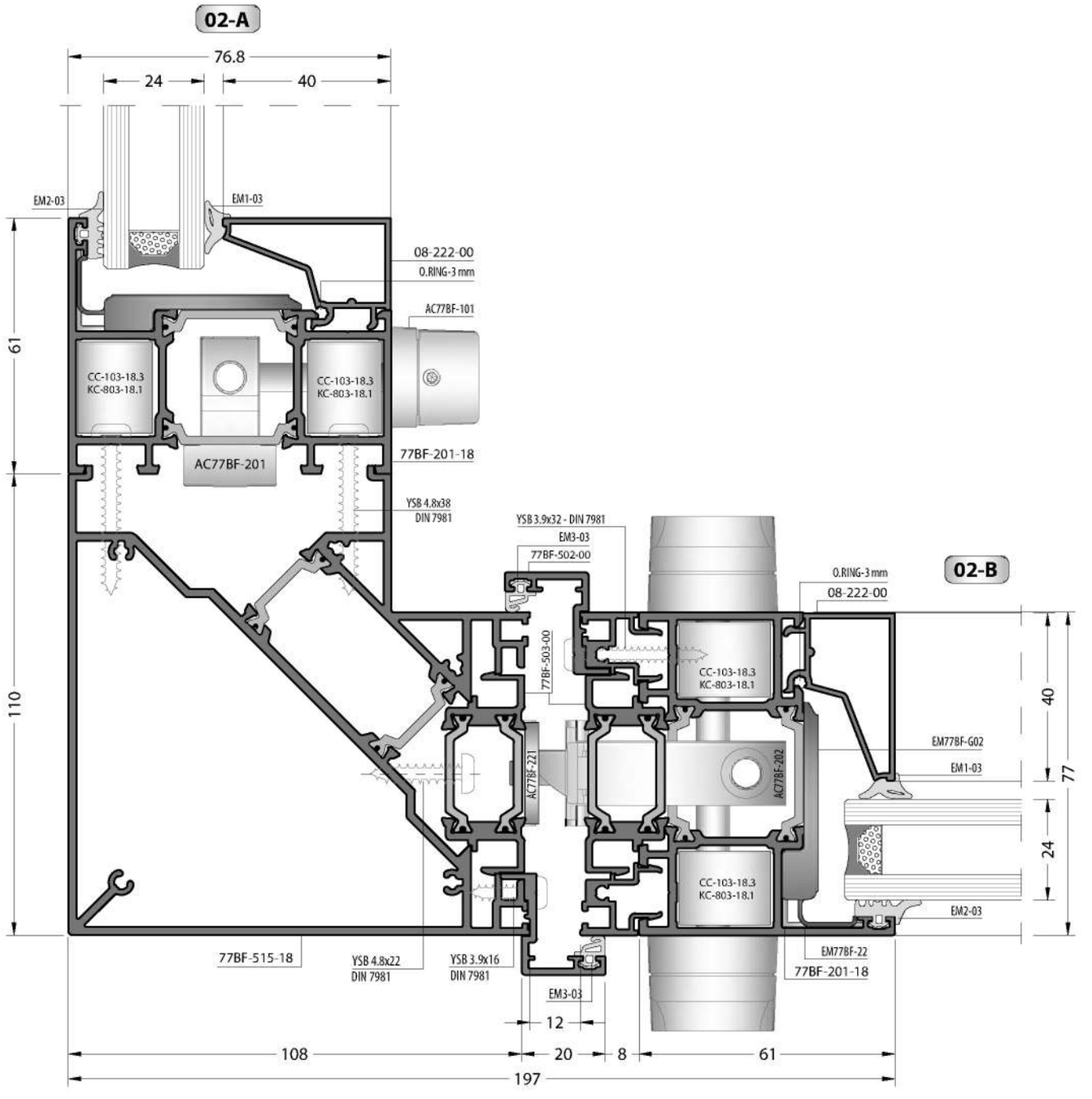
10-D



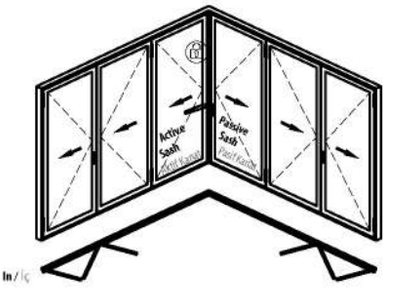


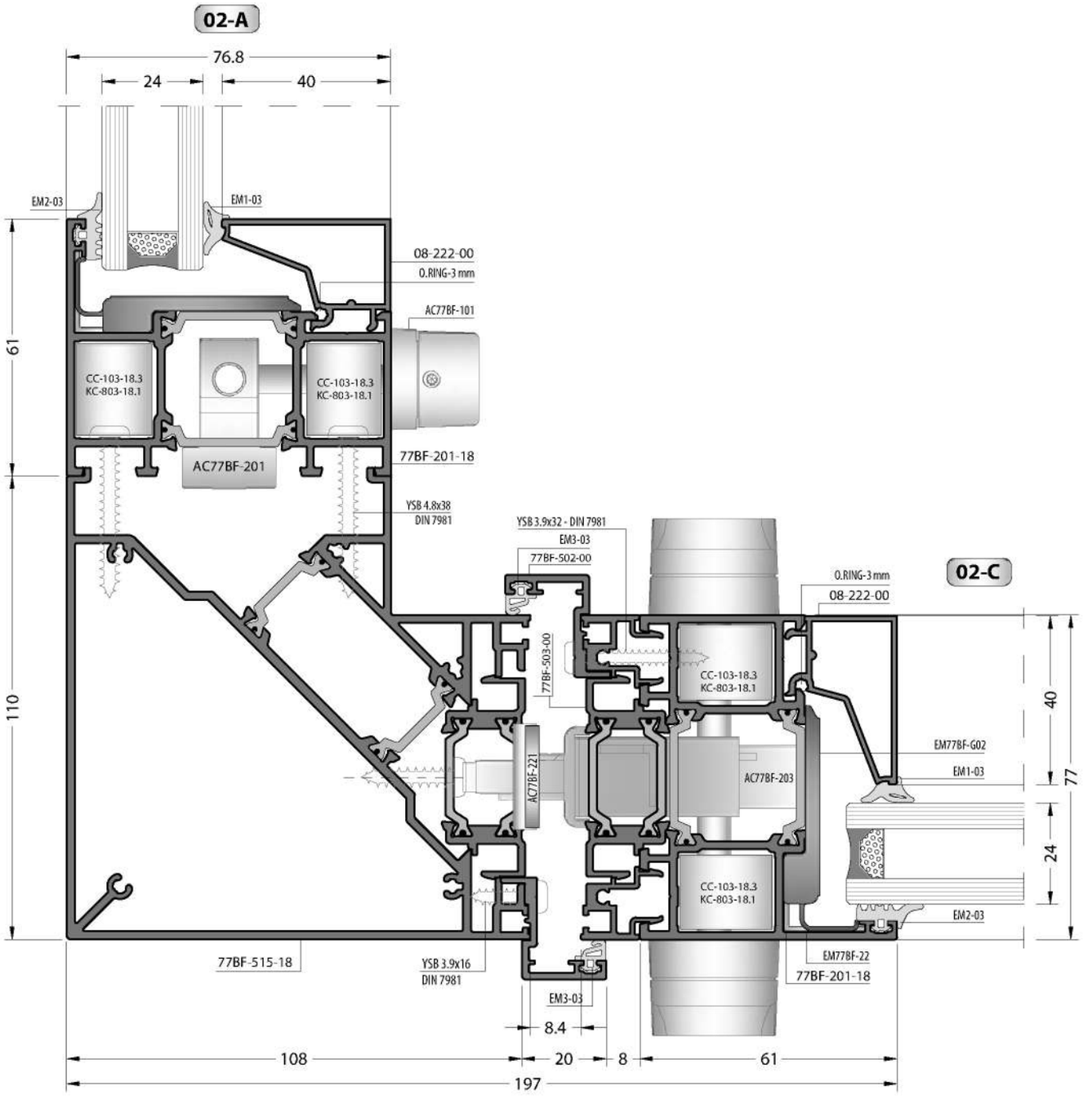
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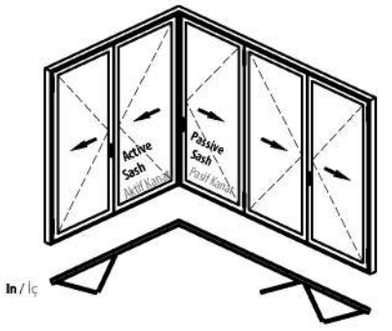


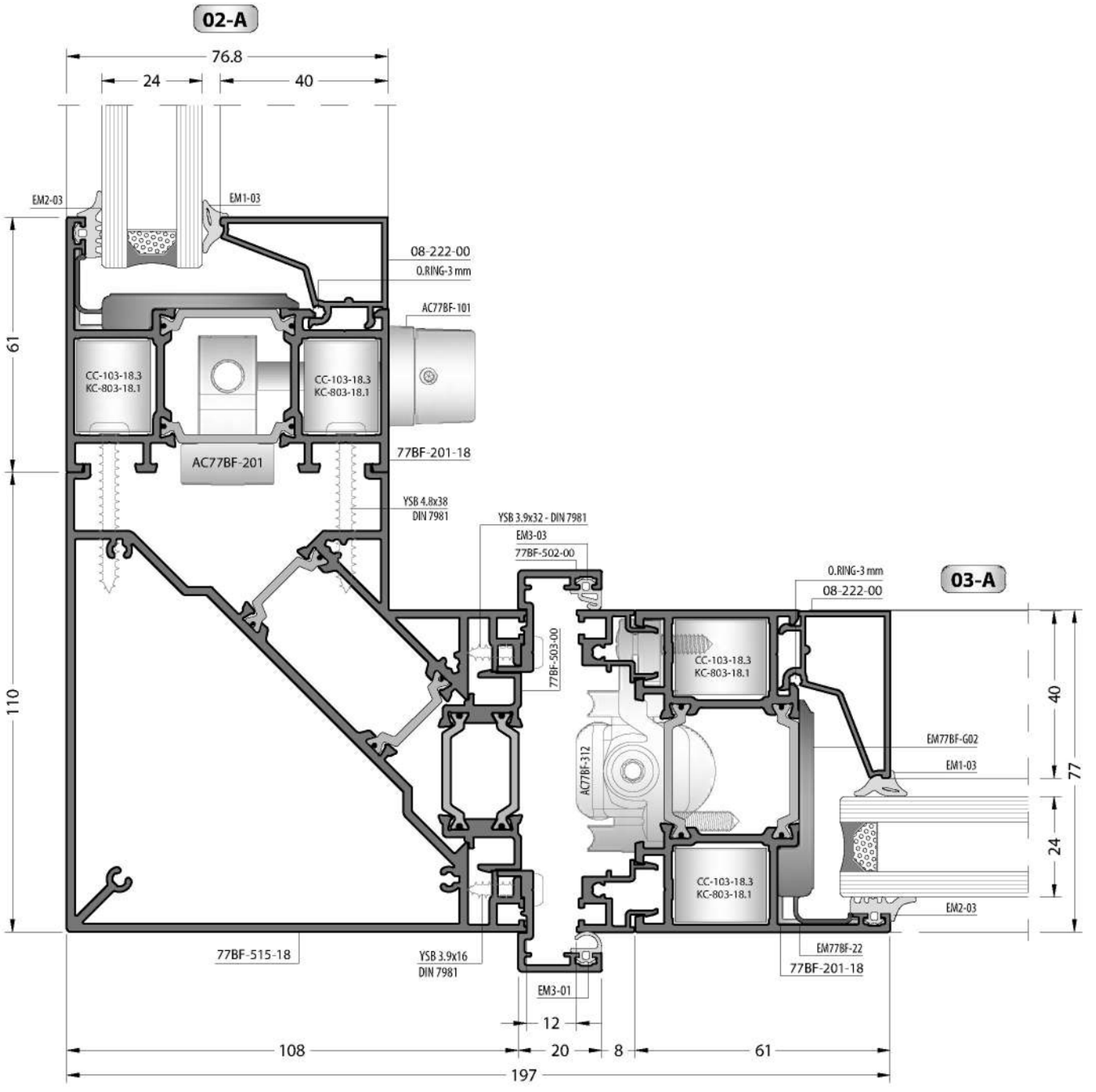
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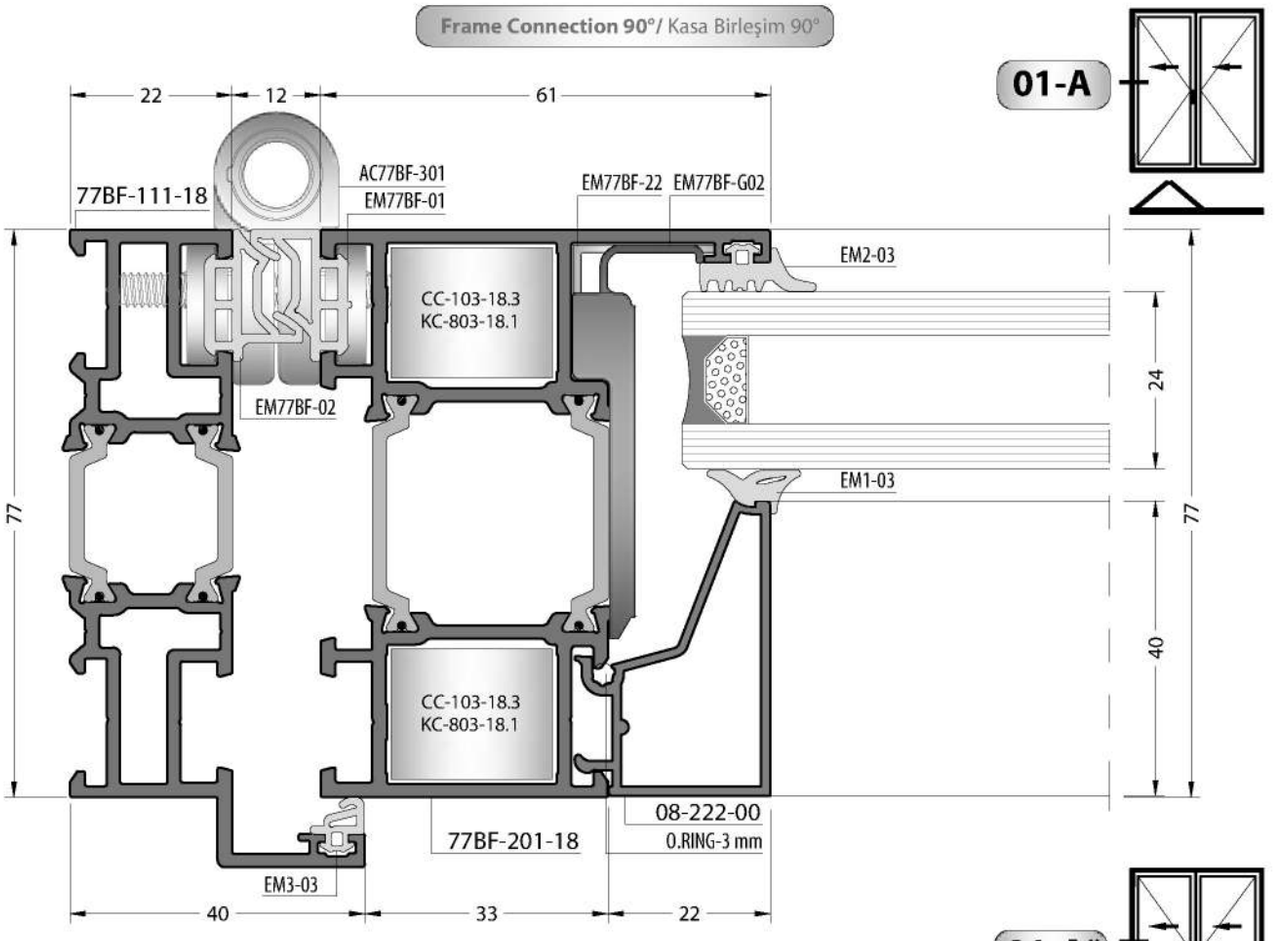
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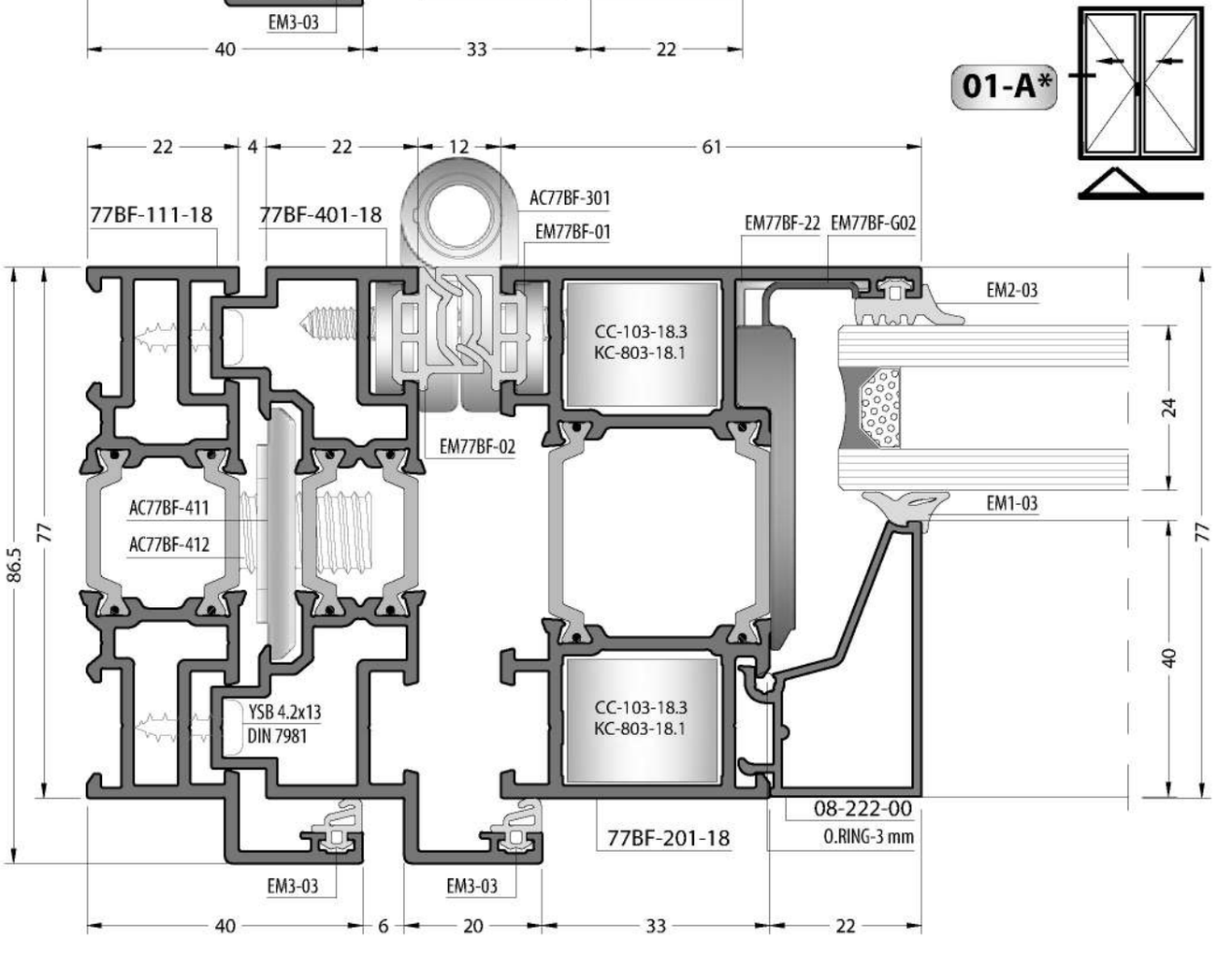




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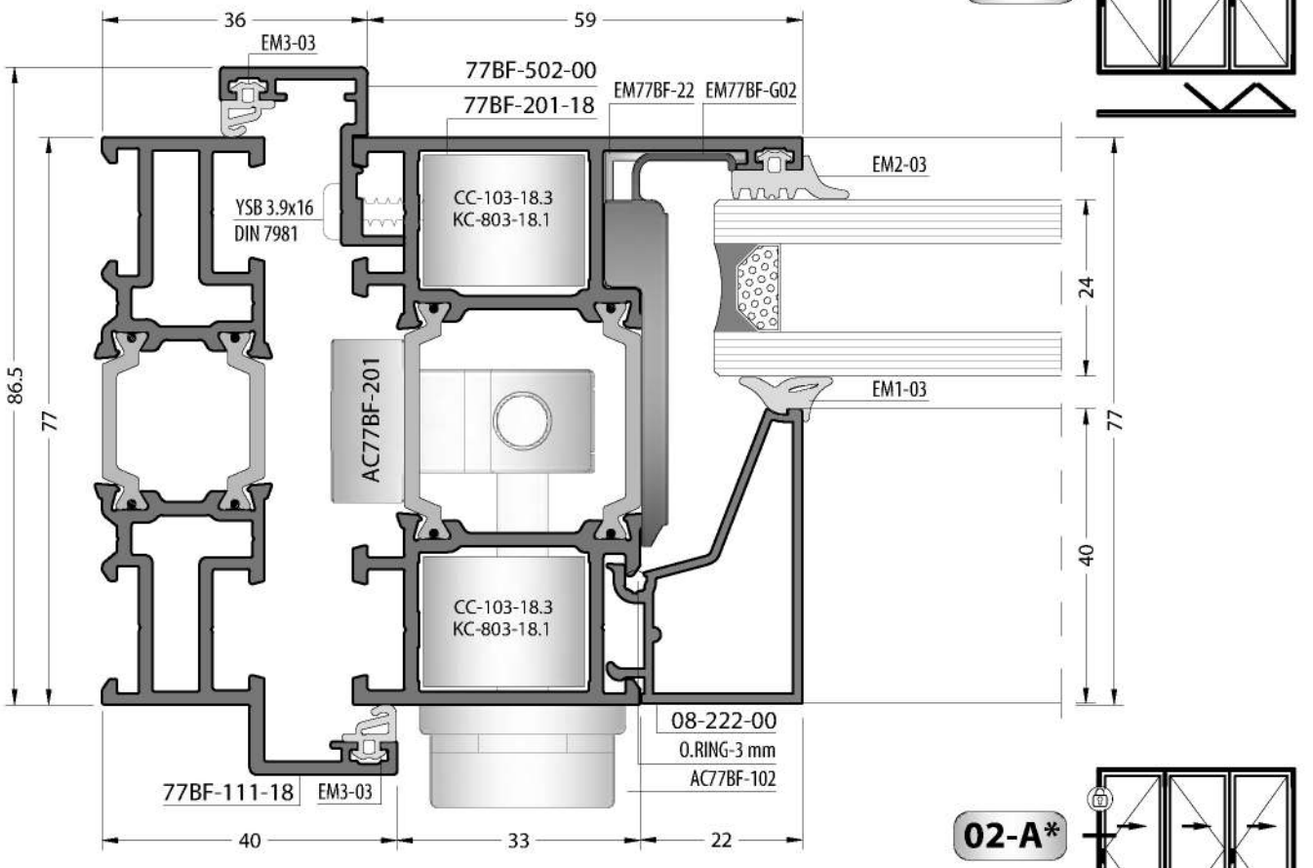
Frame Connection 90°/ Kasa Birleşim 90°



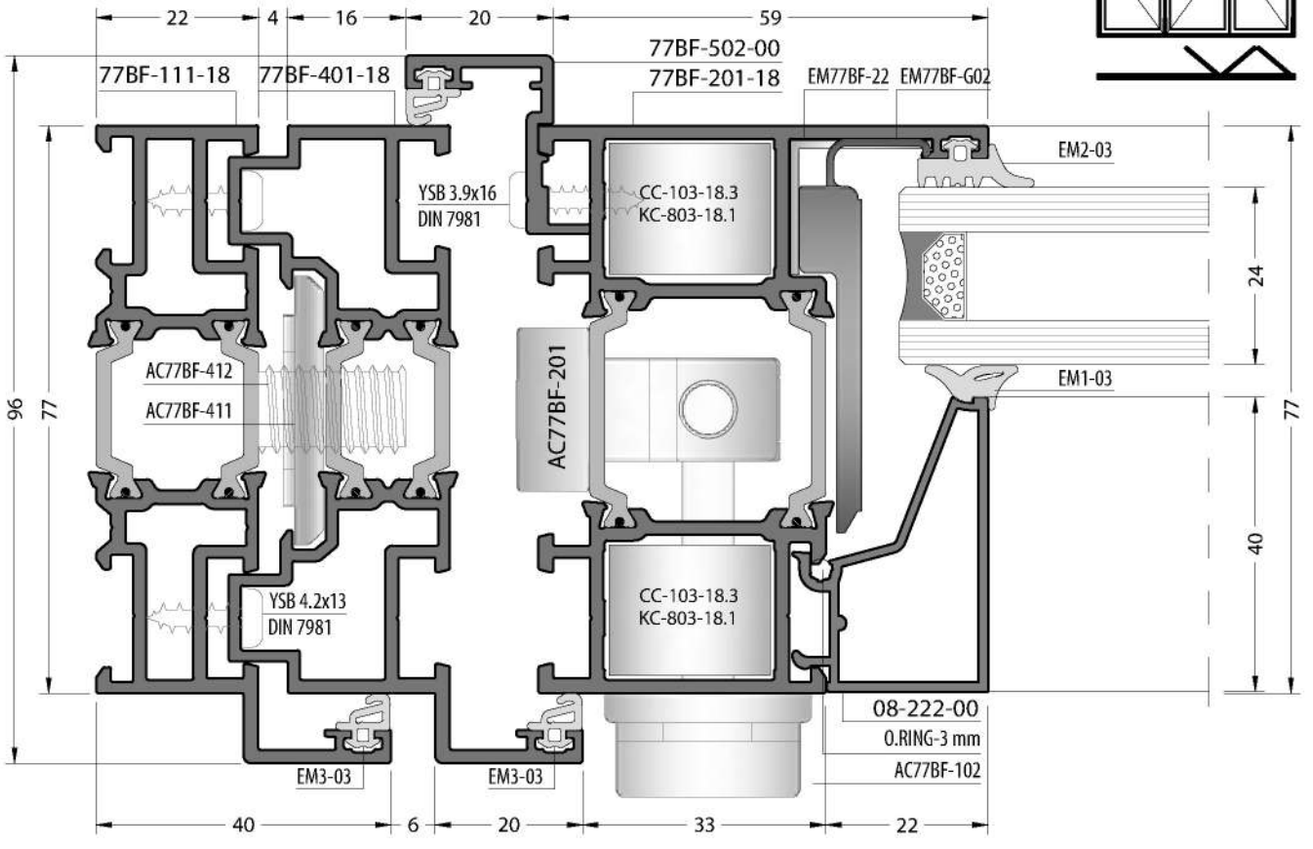


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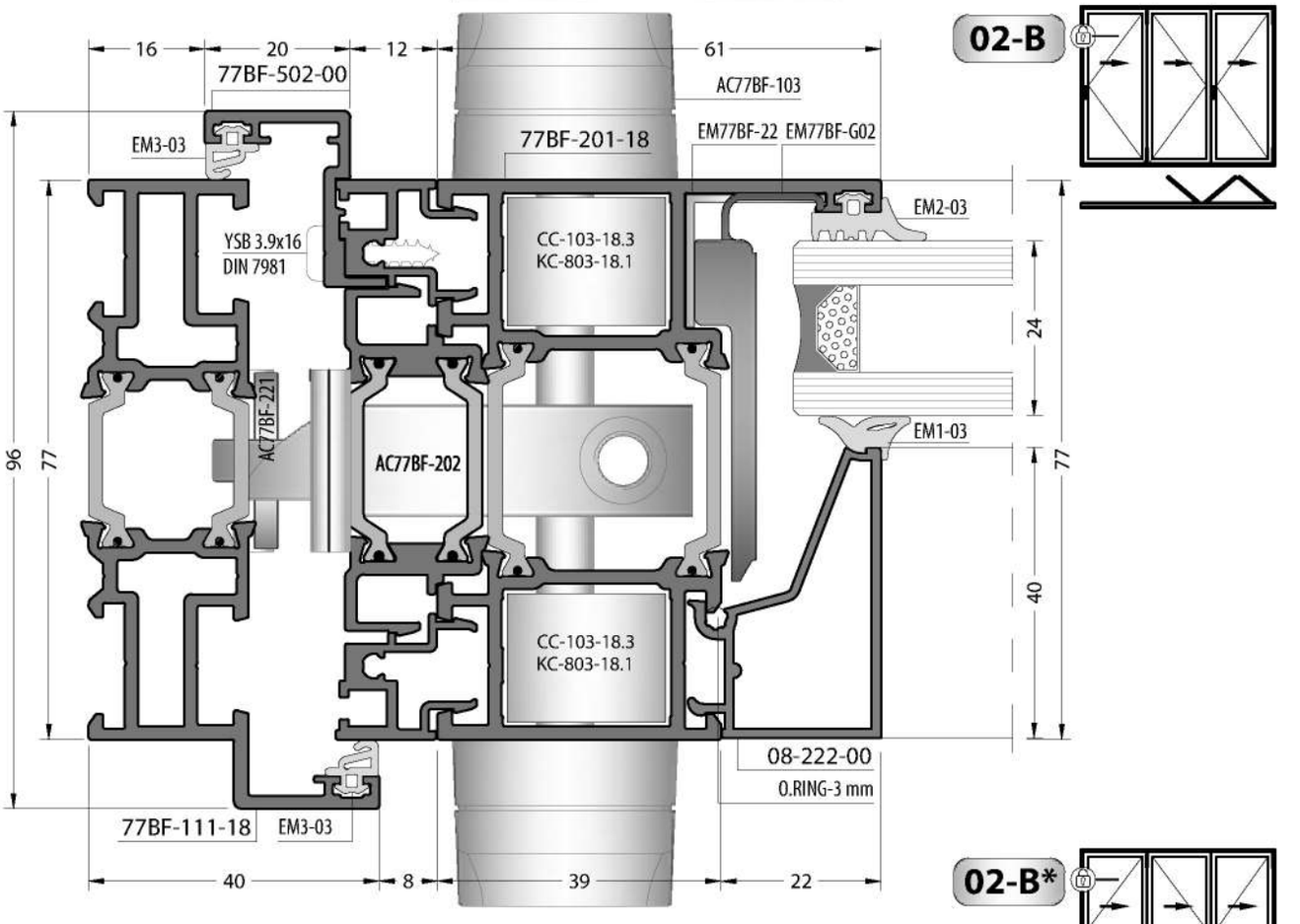
02-A

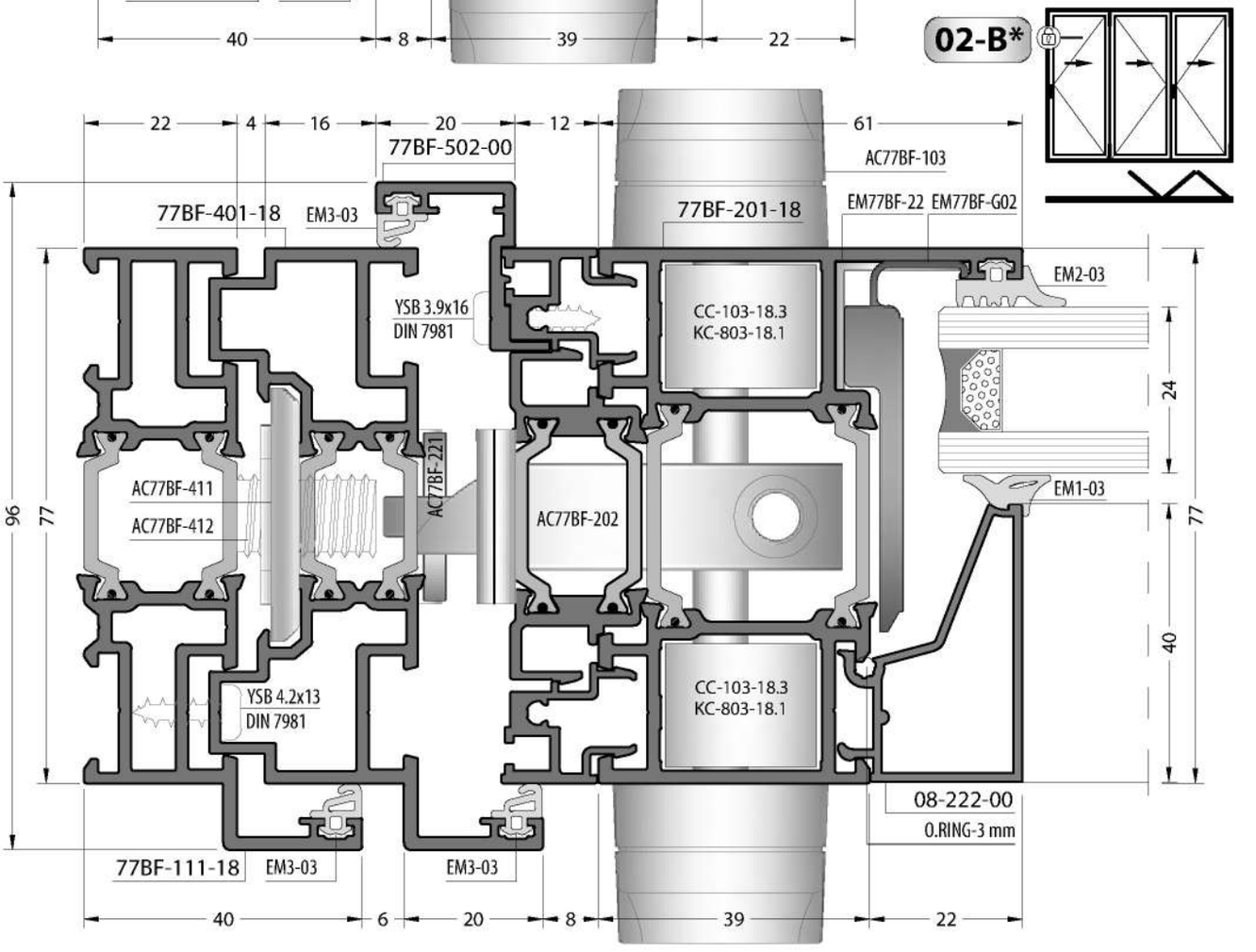


02-A*

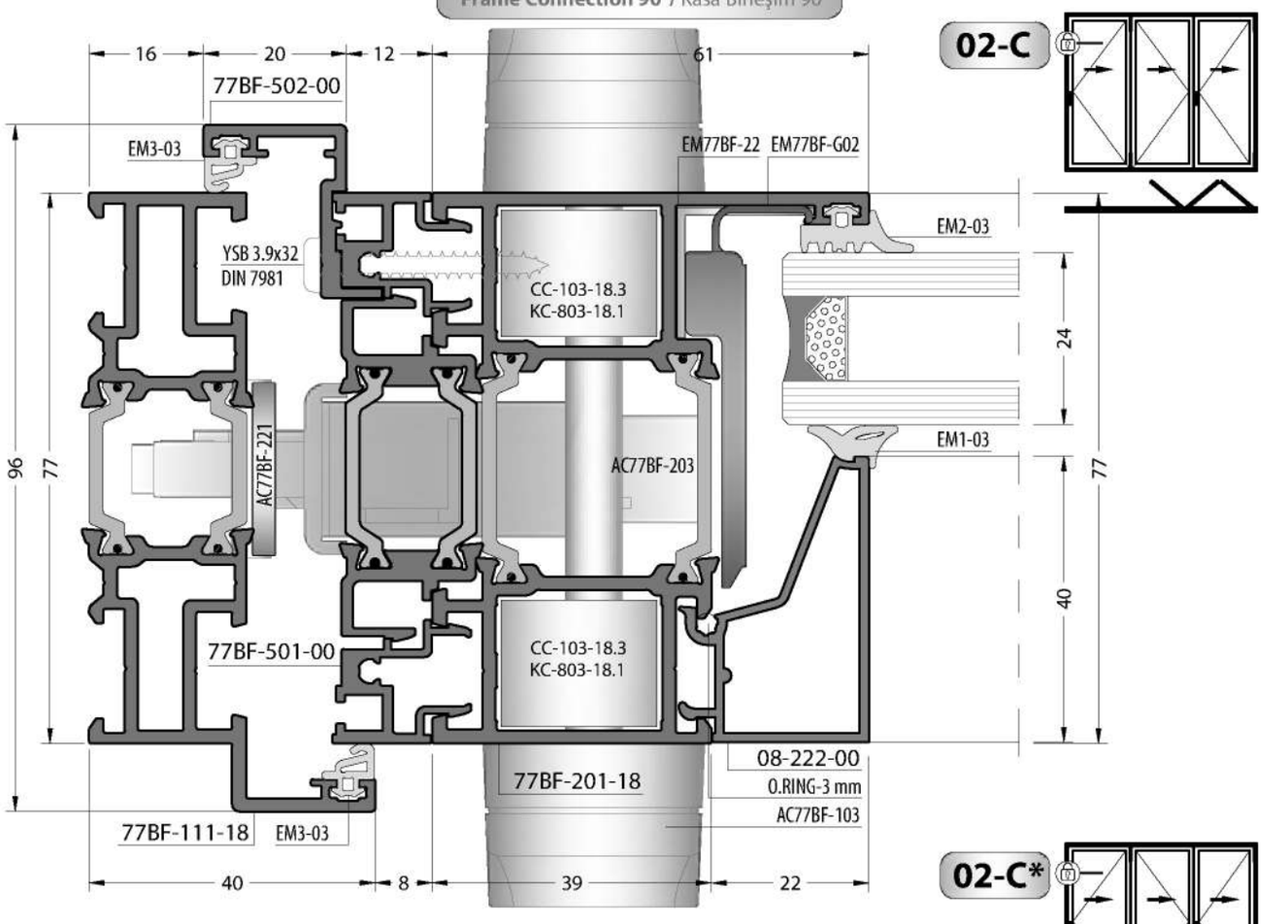


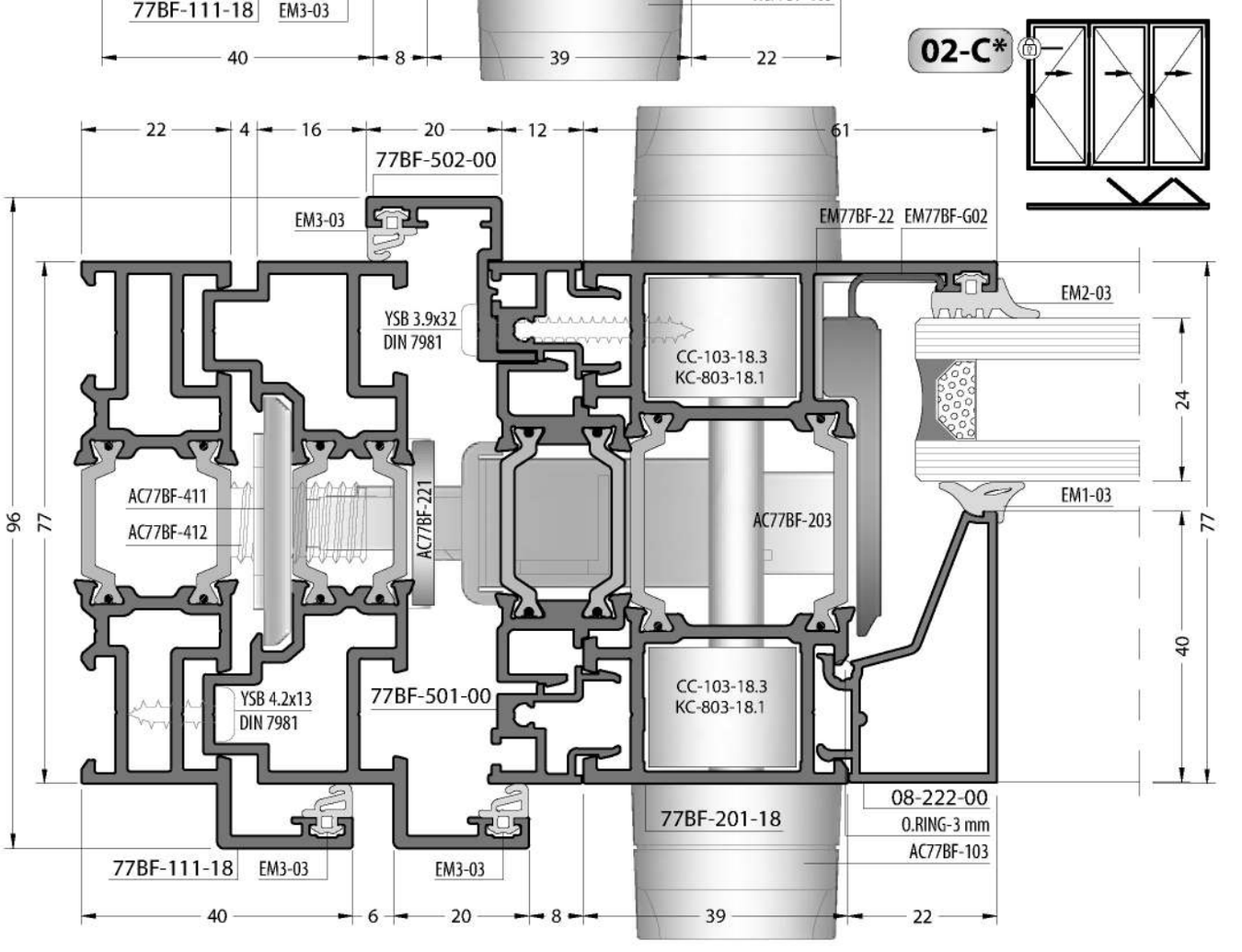
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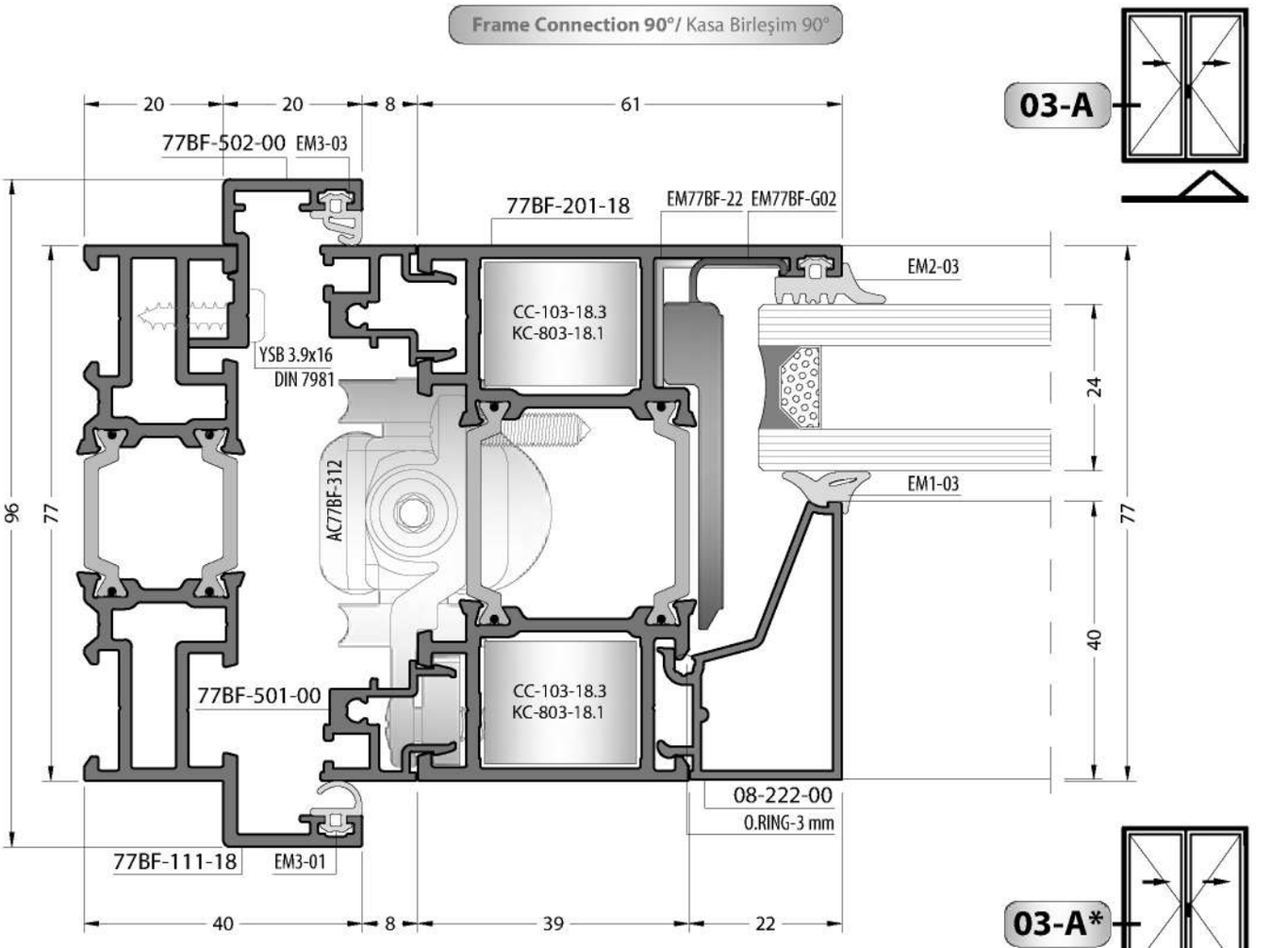


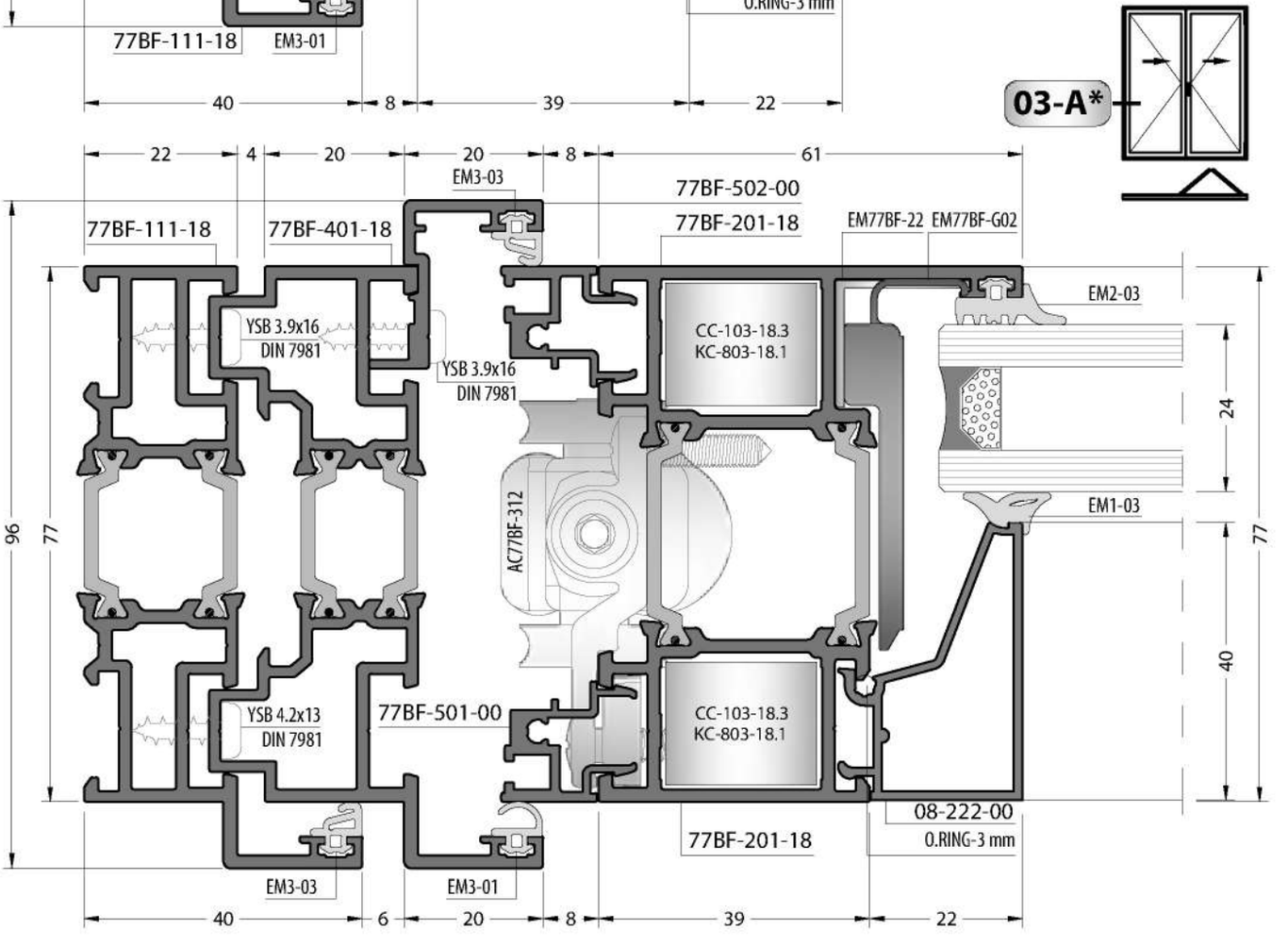
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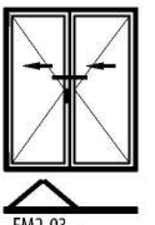
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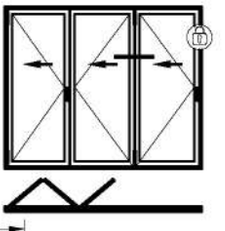


IMPORTANT!..
Always EM77BF-02 on the left sash, EM77BF-01 on the right sash!..
ÖNEMLİ : Her zaman soldaki kanatta EM77BF-02, sağdaki kanatta EM77BF-01 olmalıdır!..

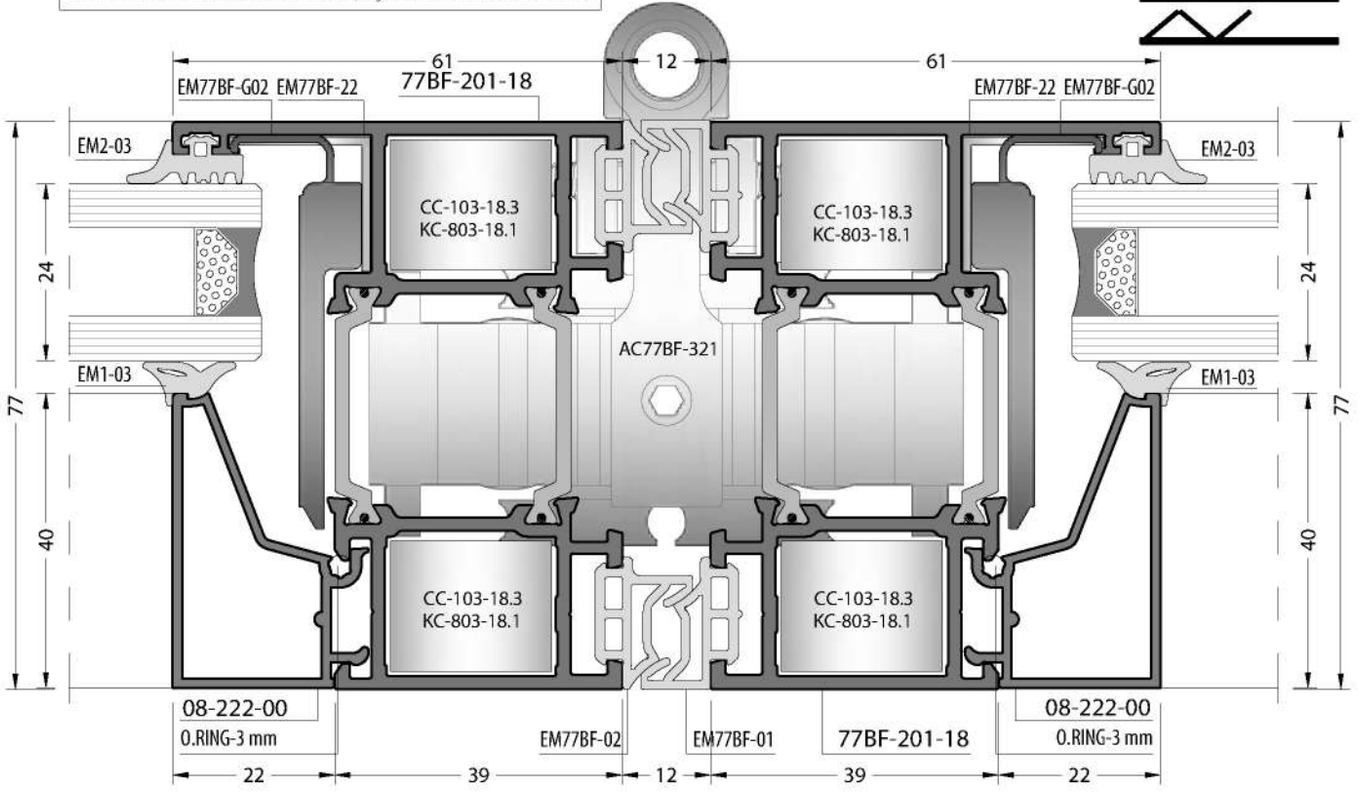
04-A



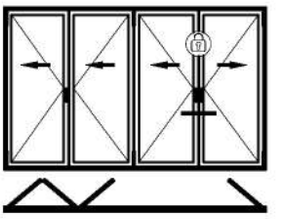
05-A

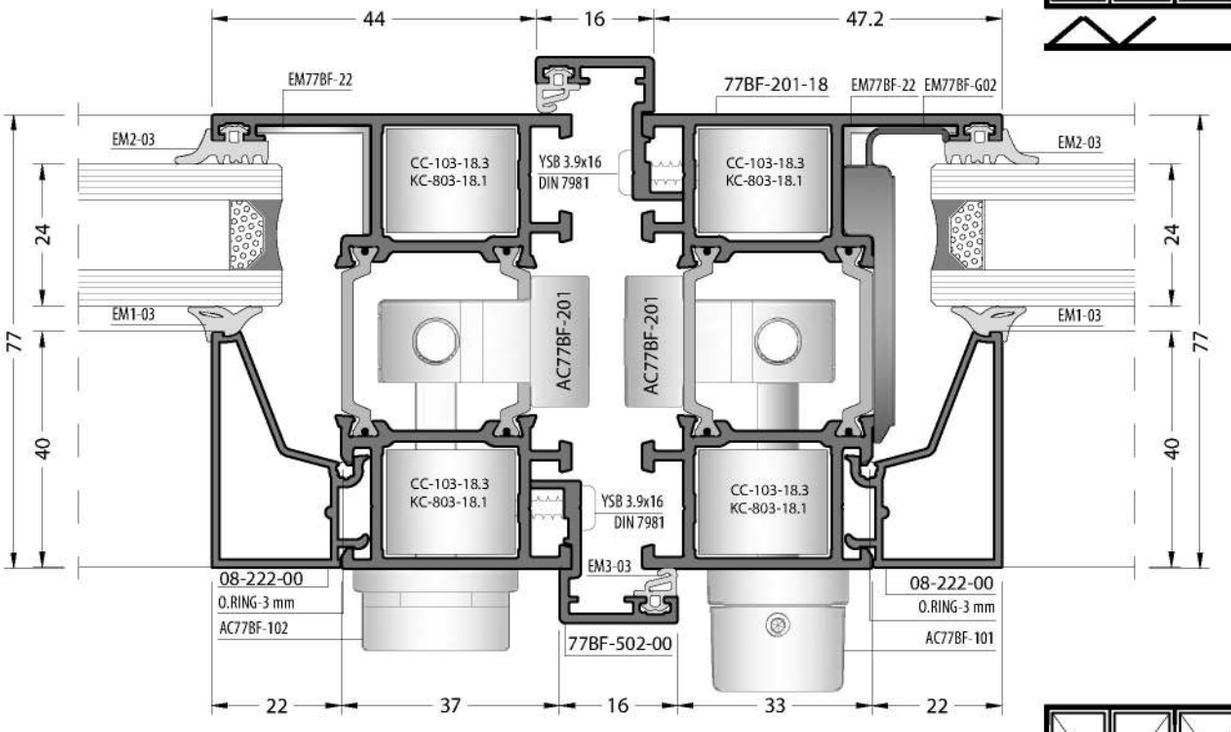


IMPORTANT!..
Always EM77BF-02 on the left sash, EM77BF-01 on the right sash!..
ÖNEMLİ : Her zaman soldaki kanatta EM77BF-02, sağdaki kanatta EM77BF-01 olmalıdır!..

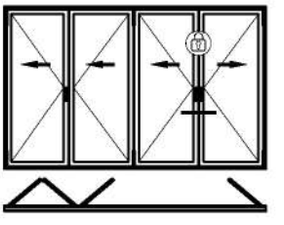


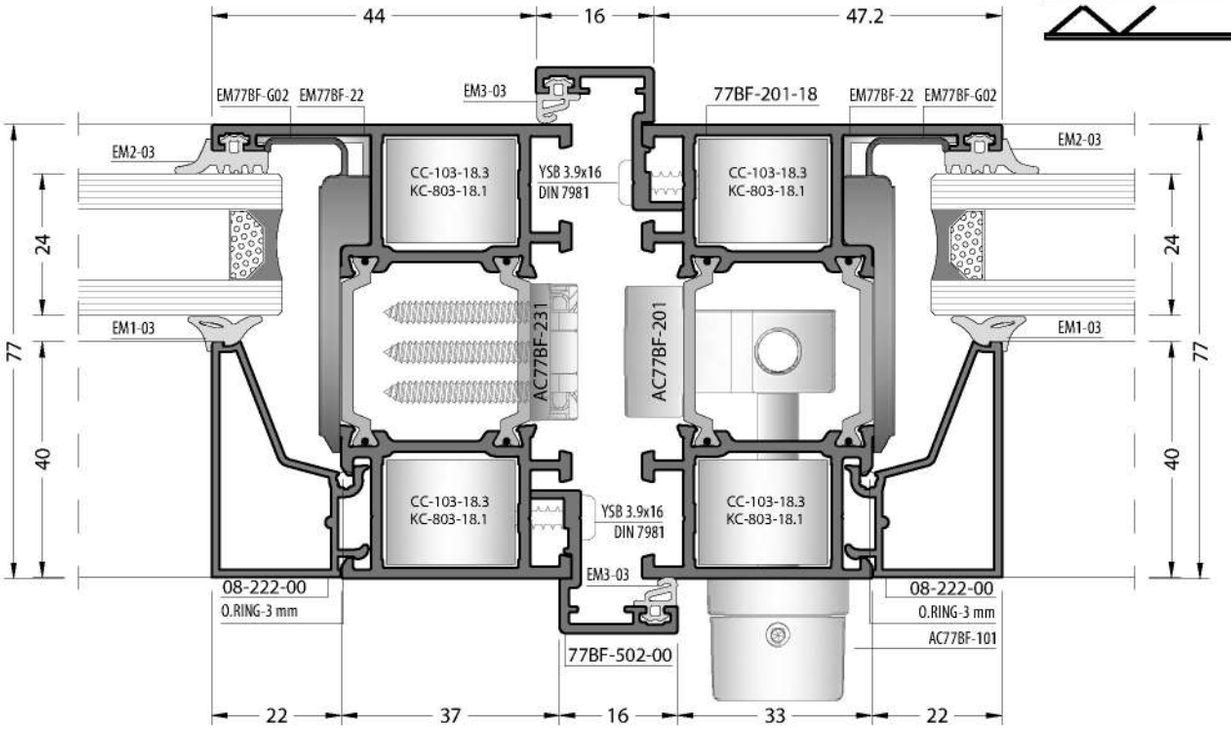
06-A1





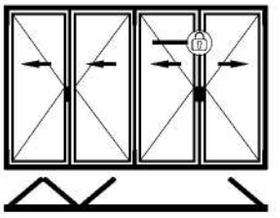
06-A2

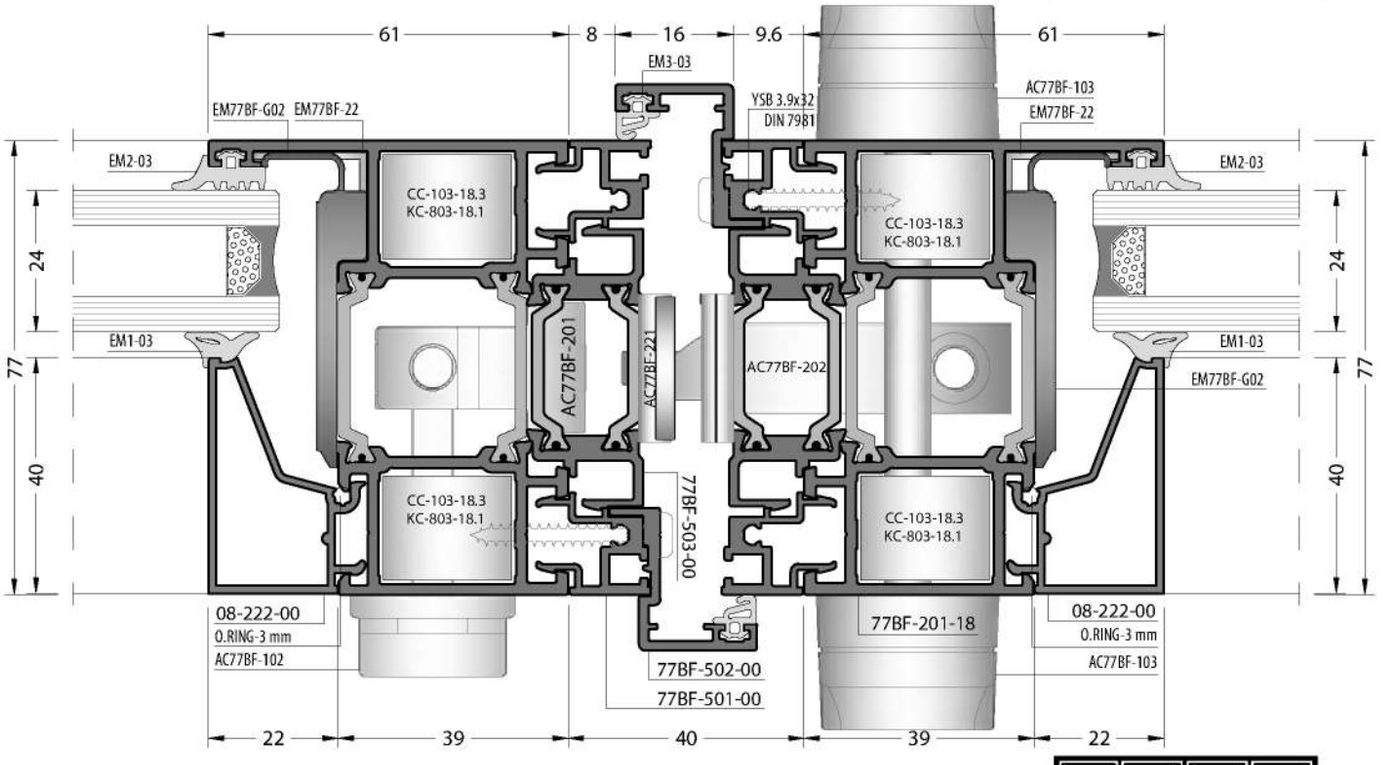




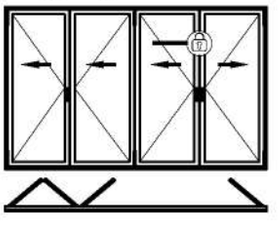
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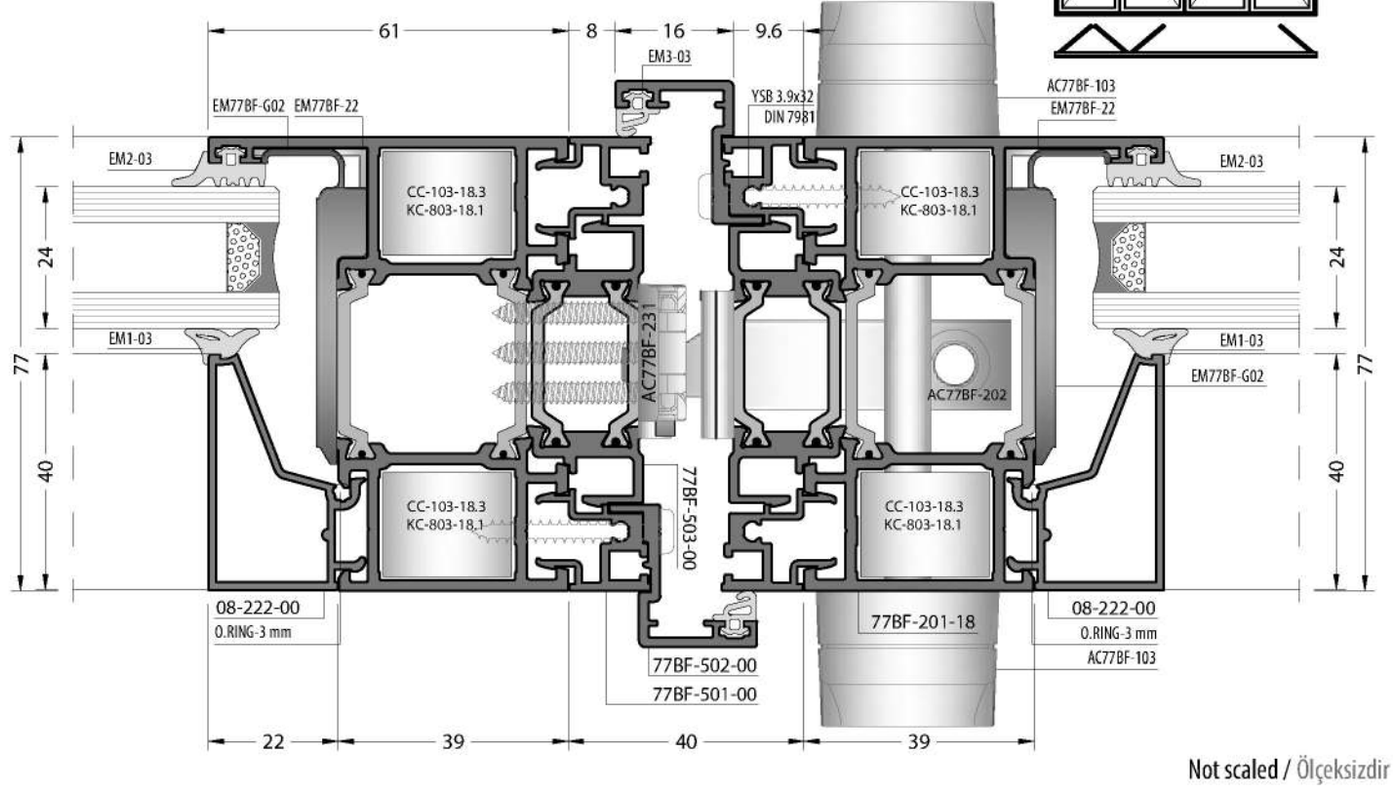
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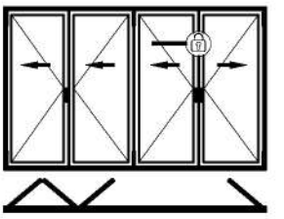
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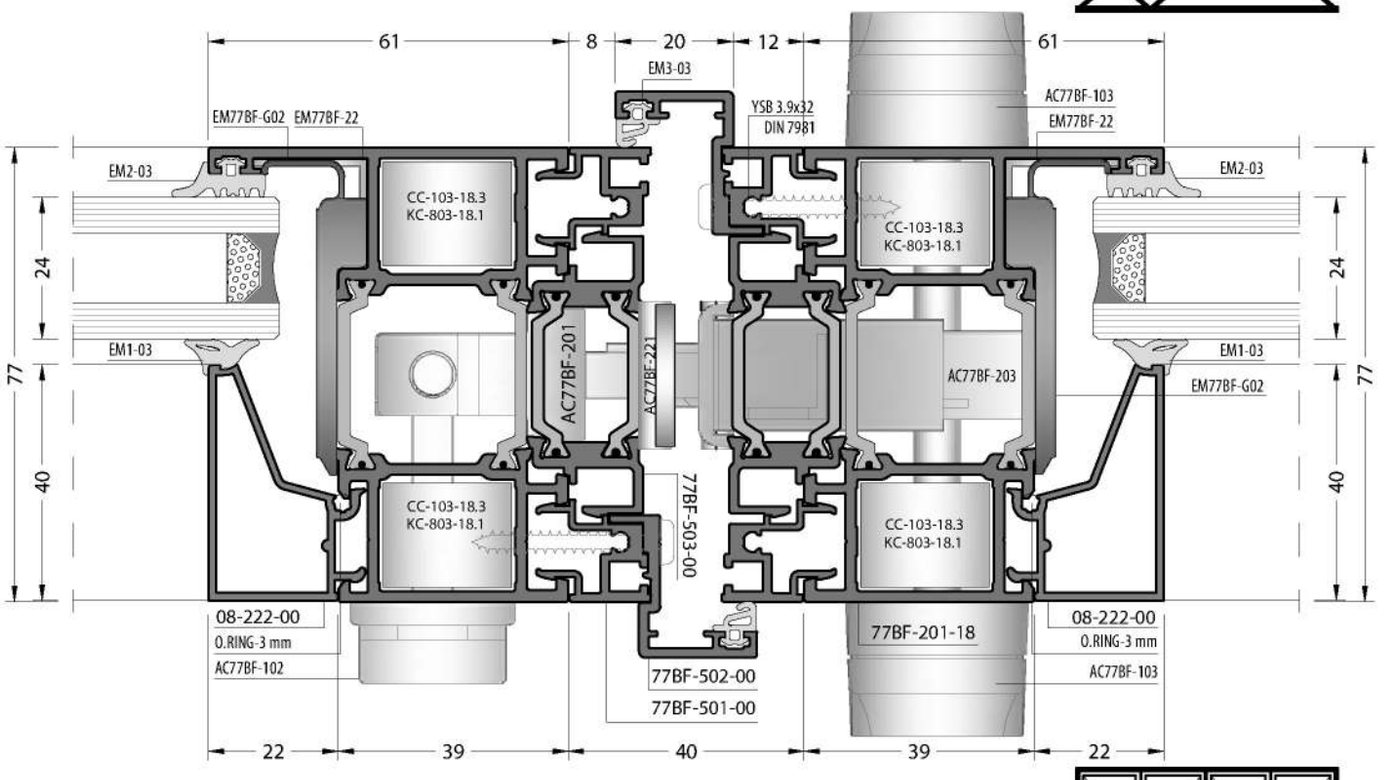




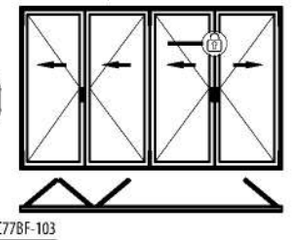
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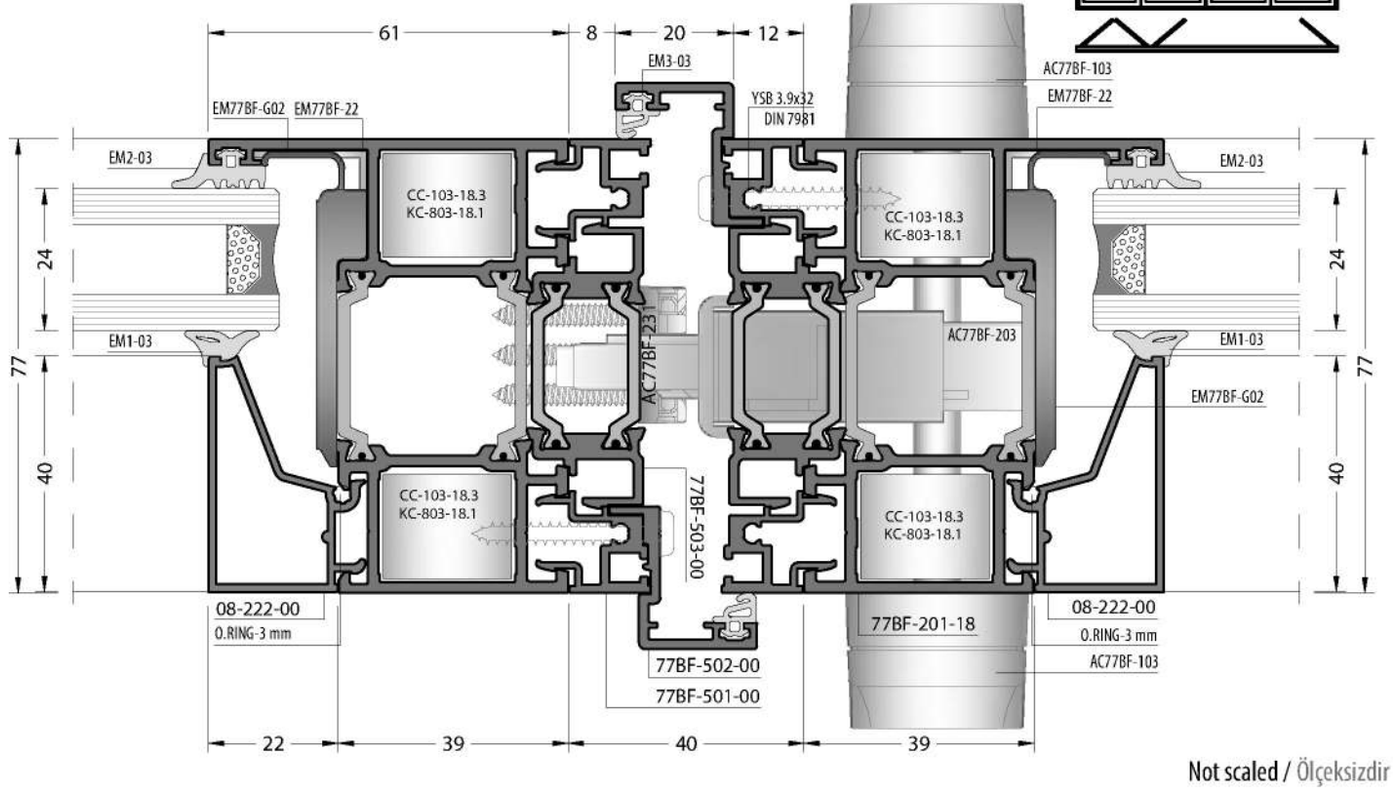
06-C1





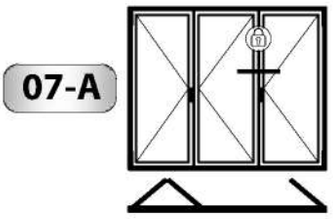
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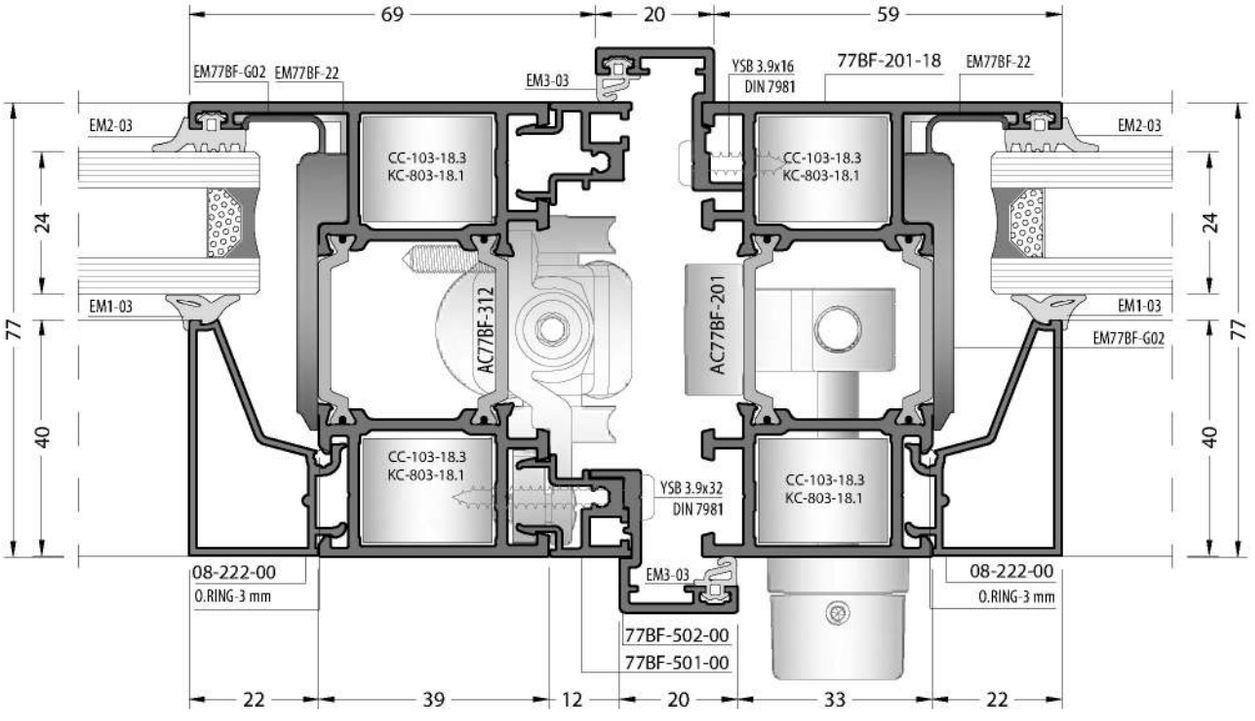




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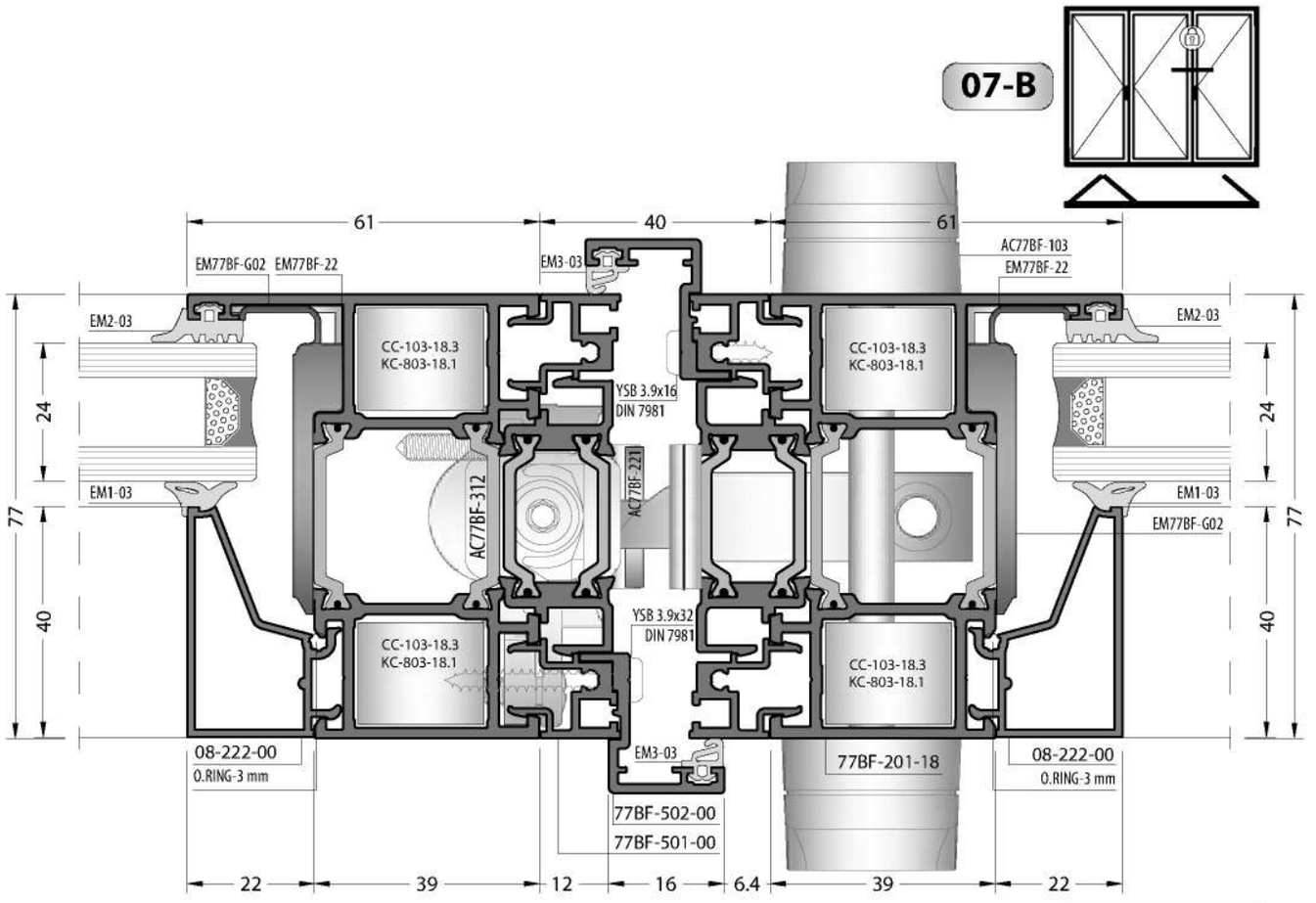
07-A



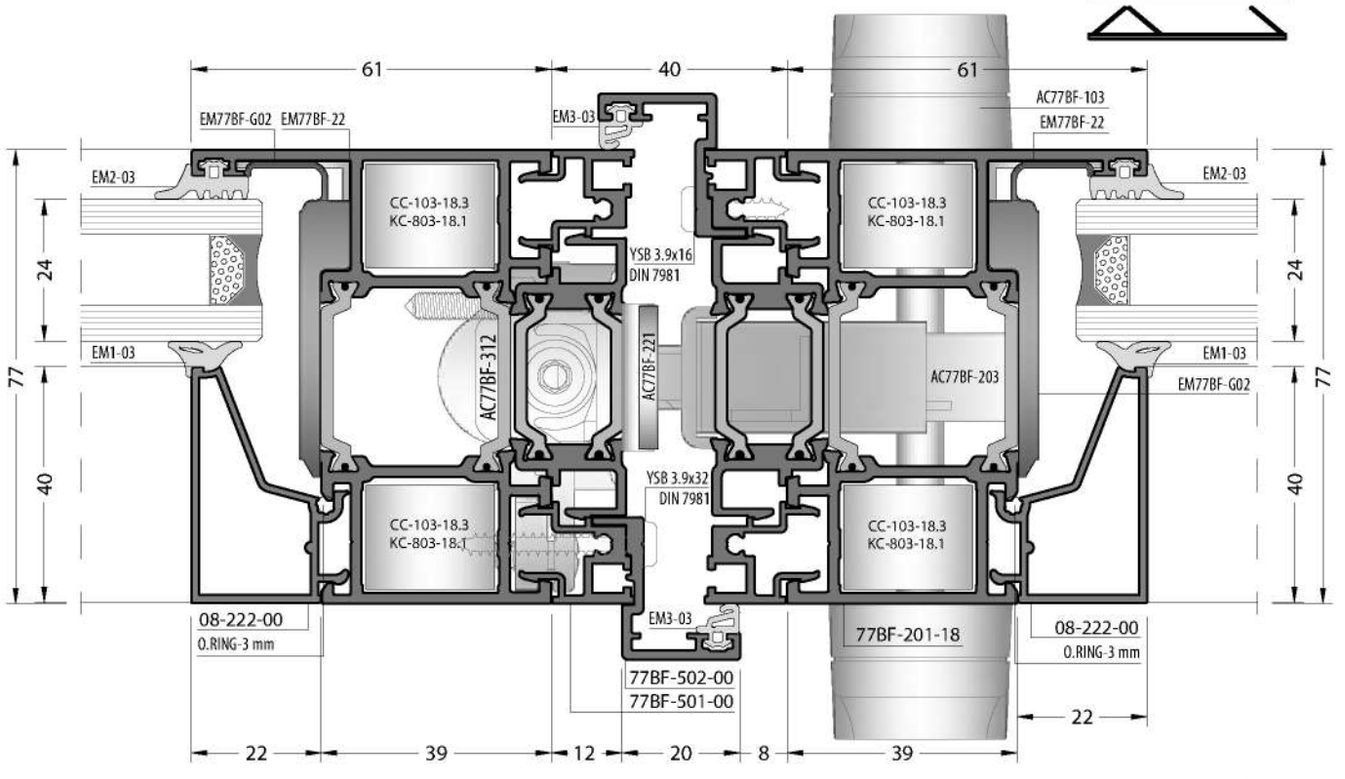


Not scaled / Ölçeksizdir

07-B

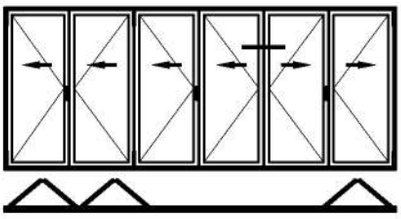


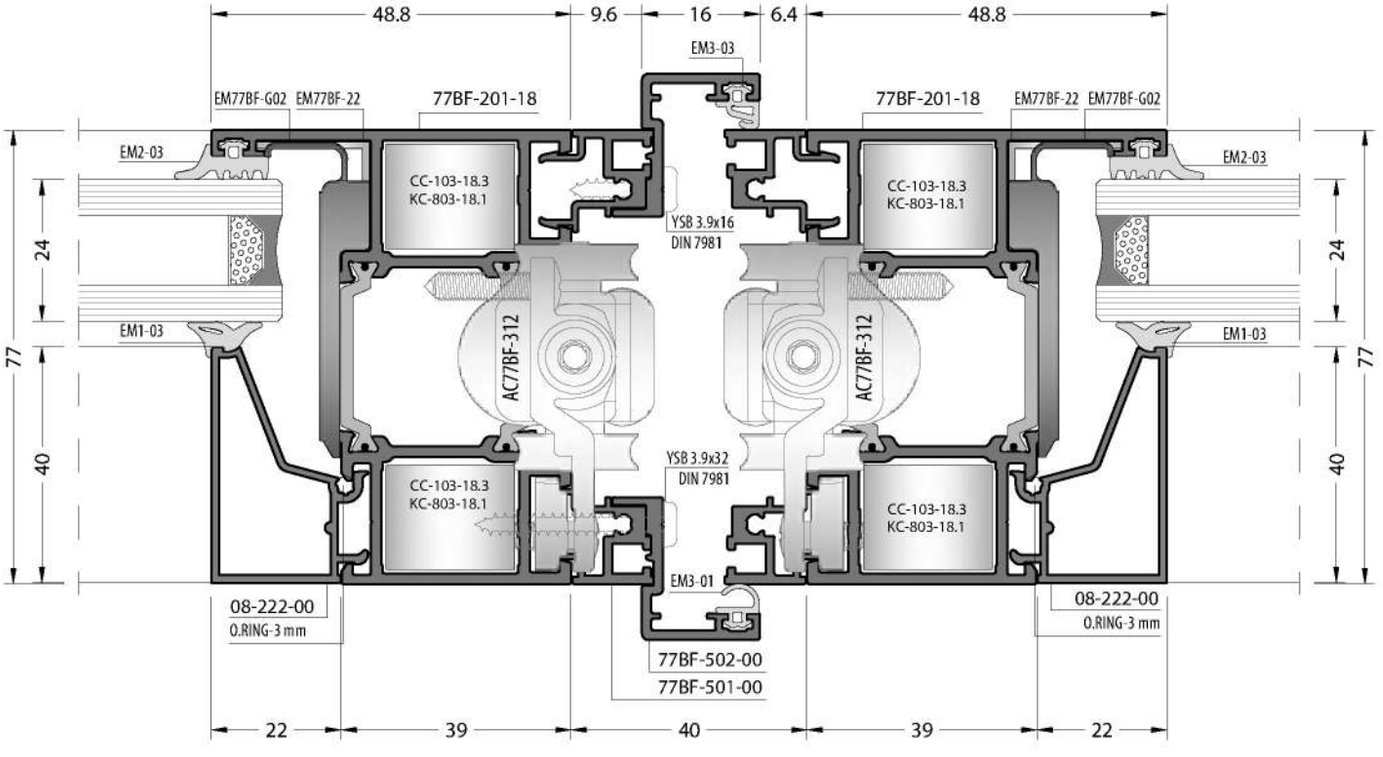
07-C



Not scaled / Ölçeksizdir

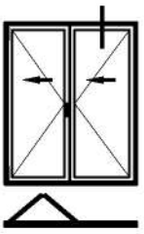
08-A

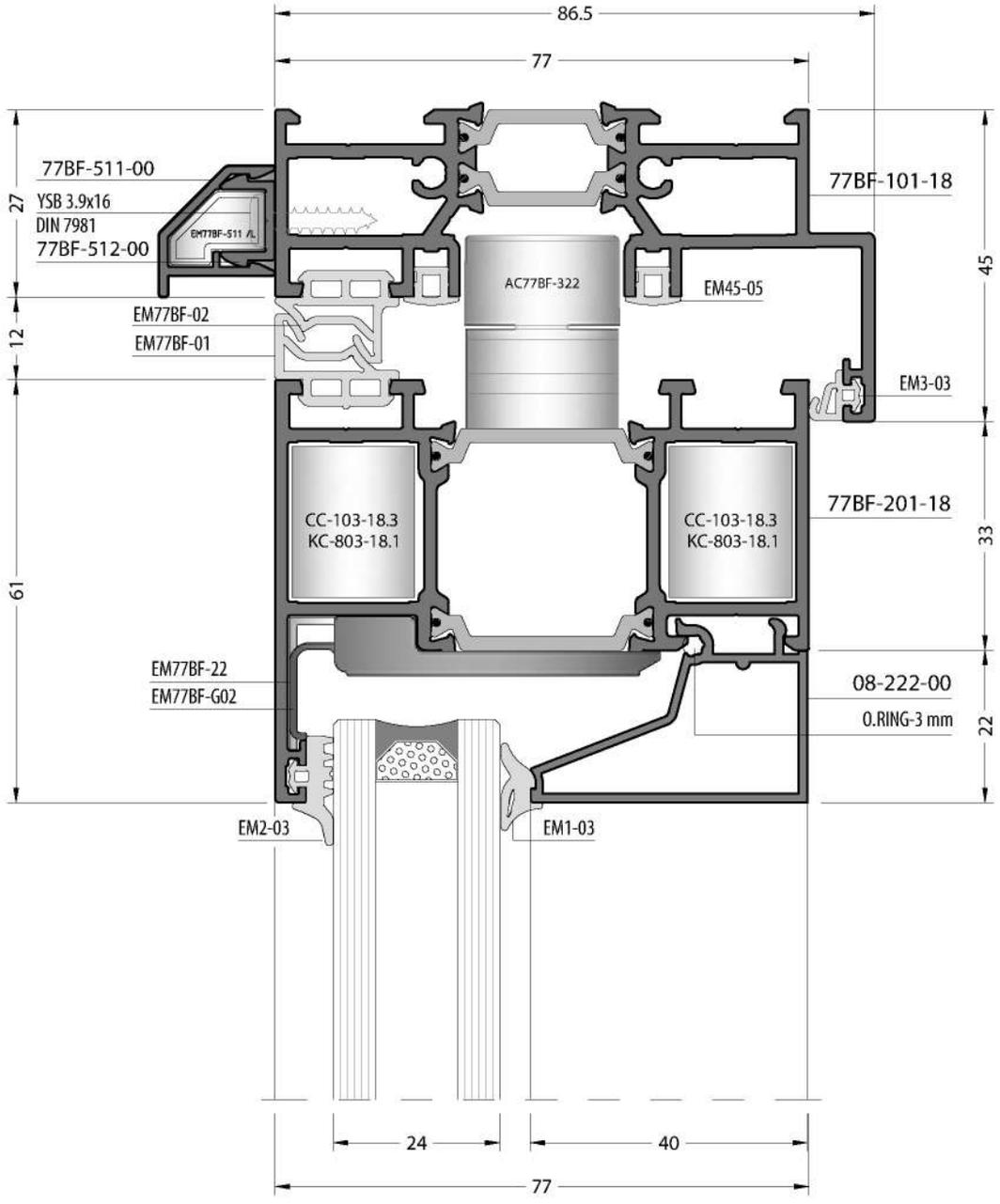




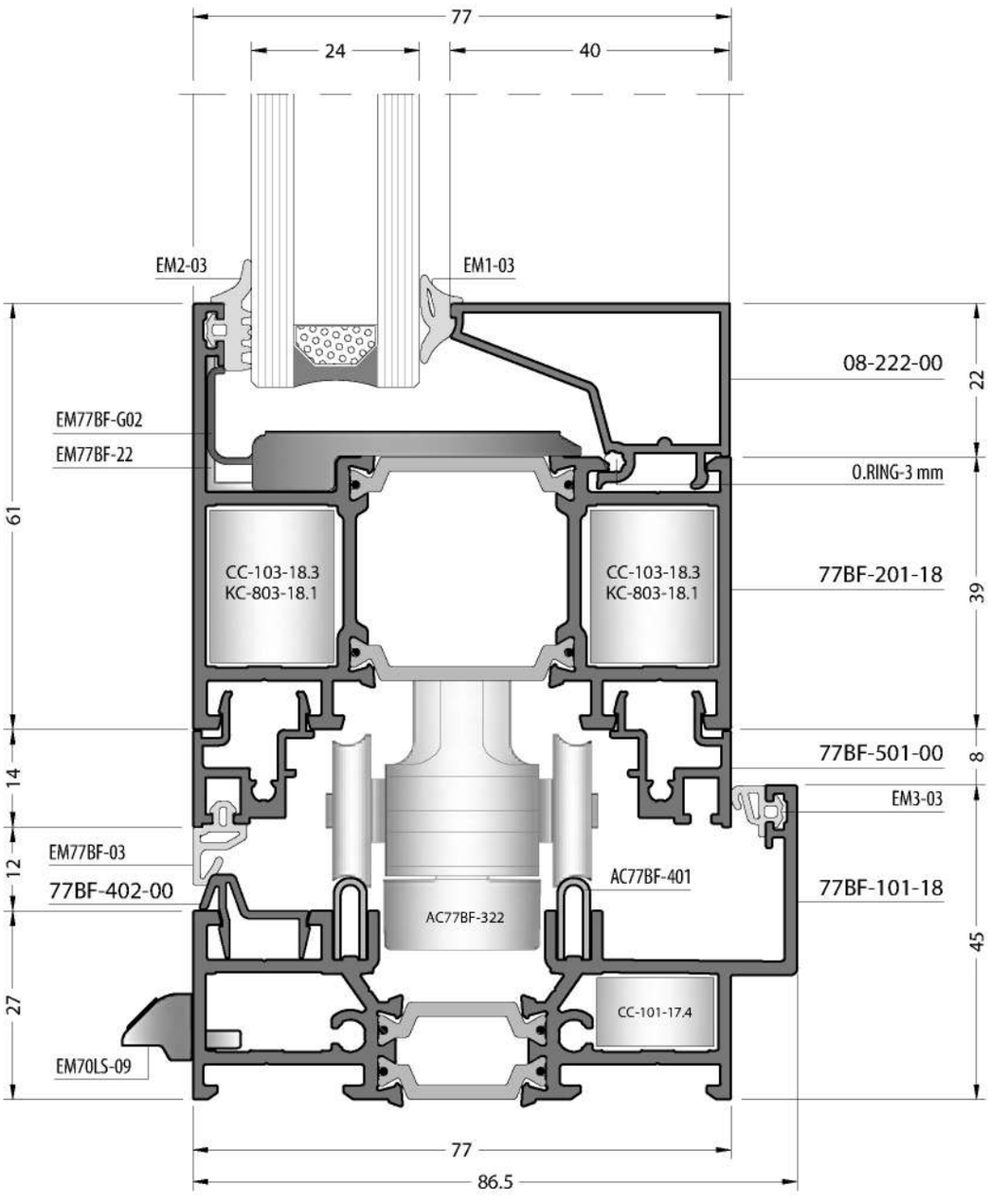
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09-A

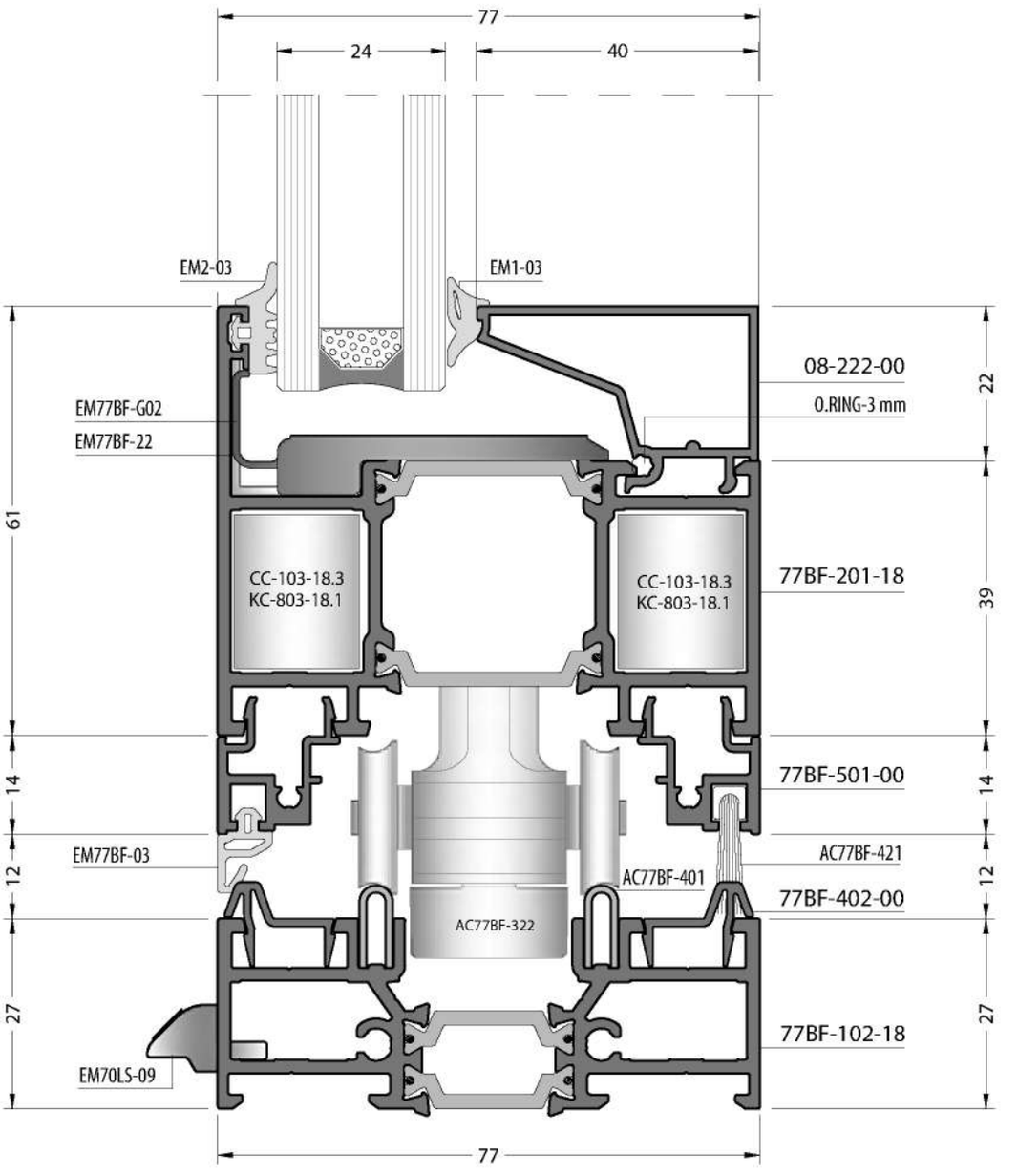



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77BF-101-18
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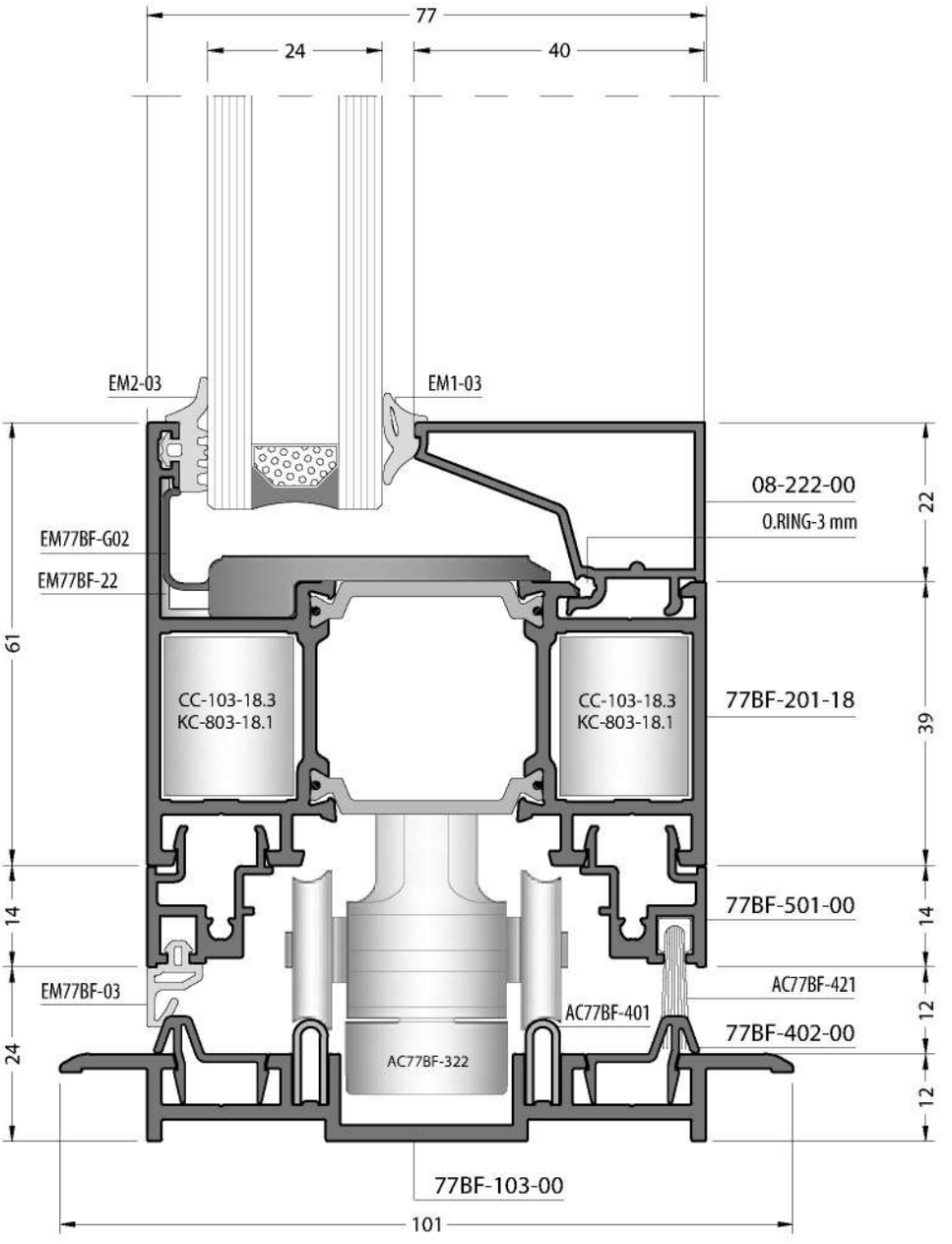
10-A


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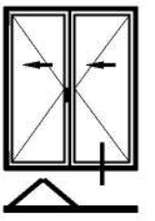
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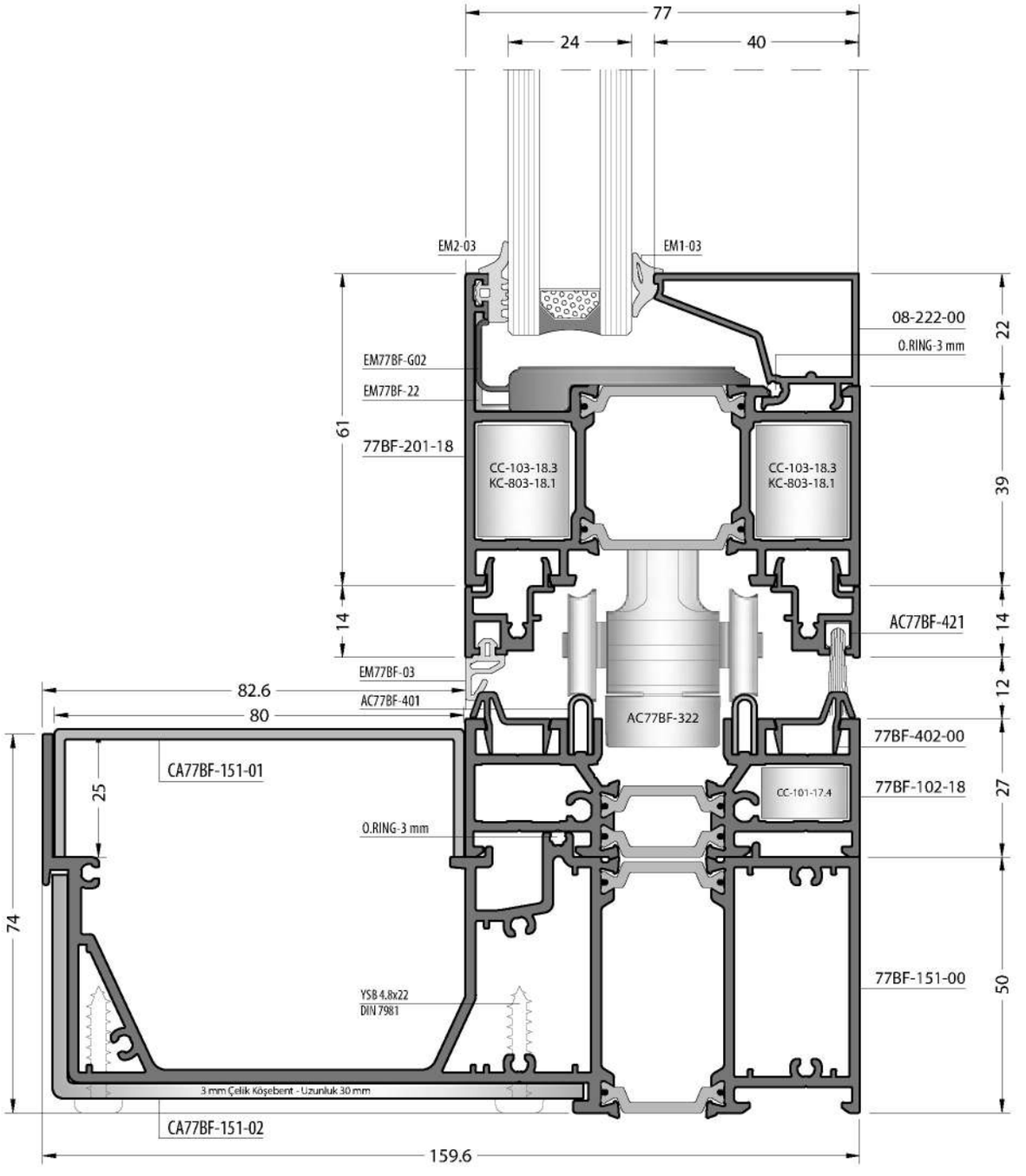

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10-C

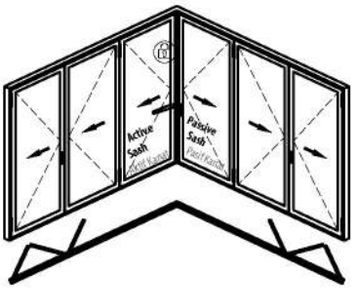

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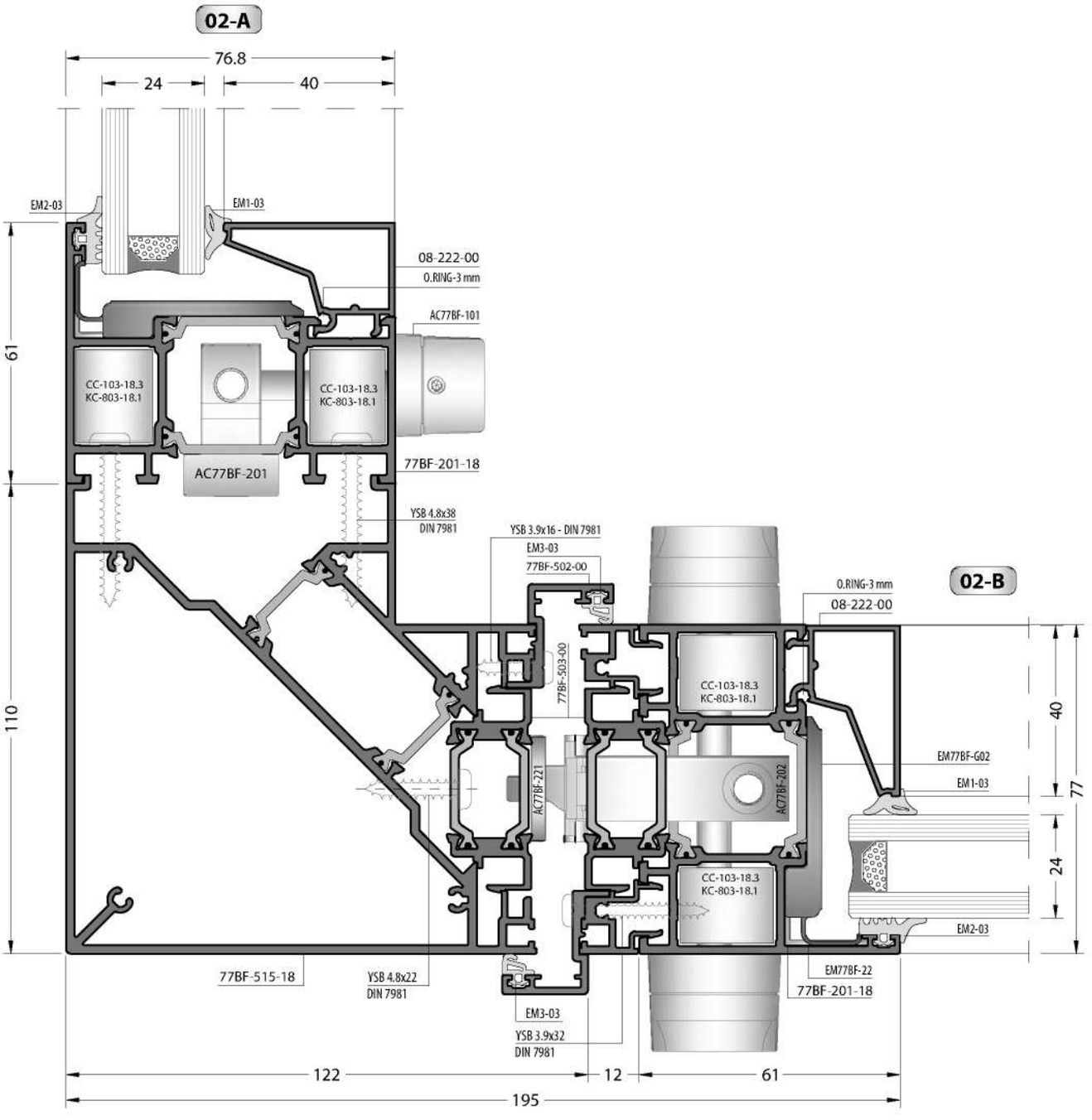
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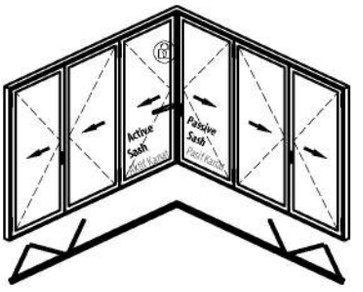


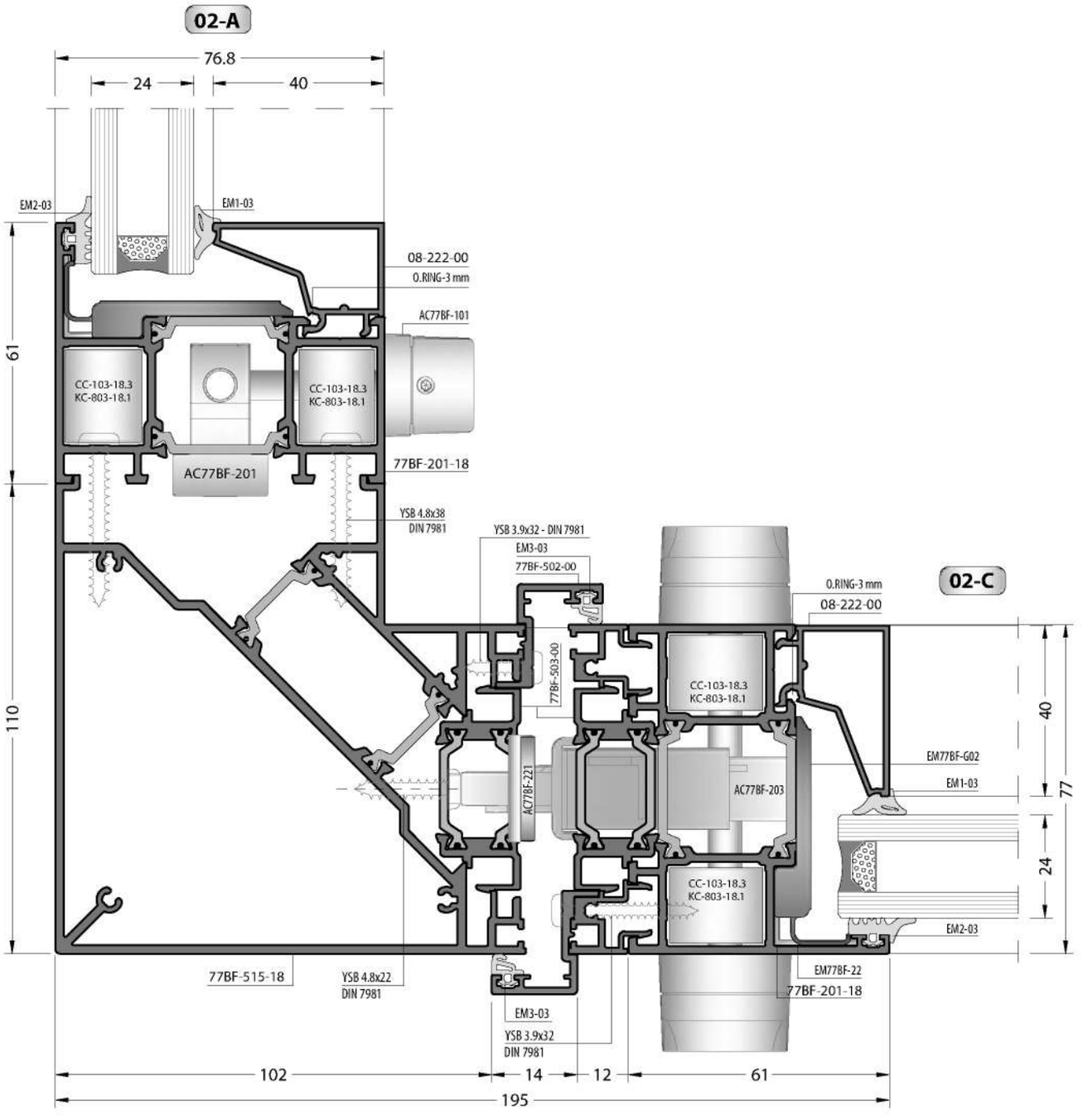
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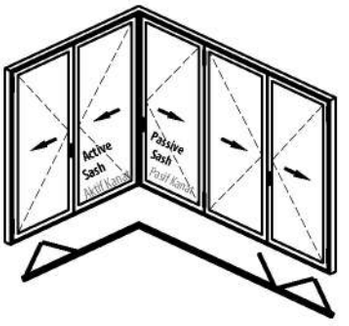
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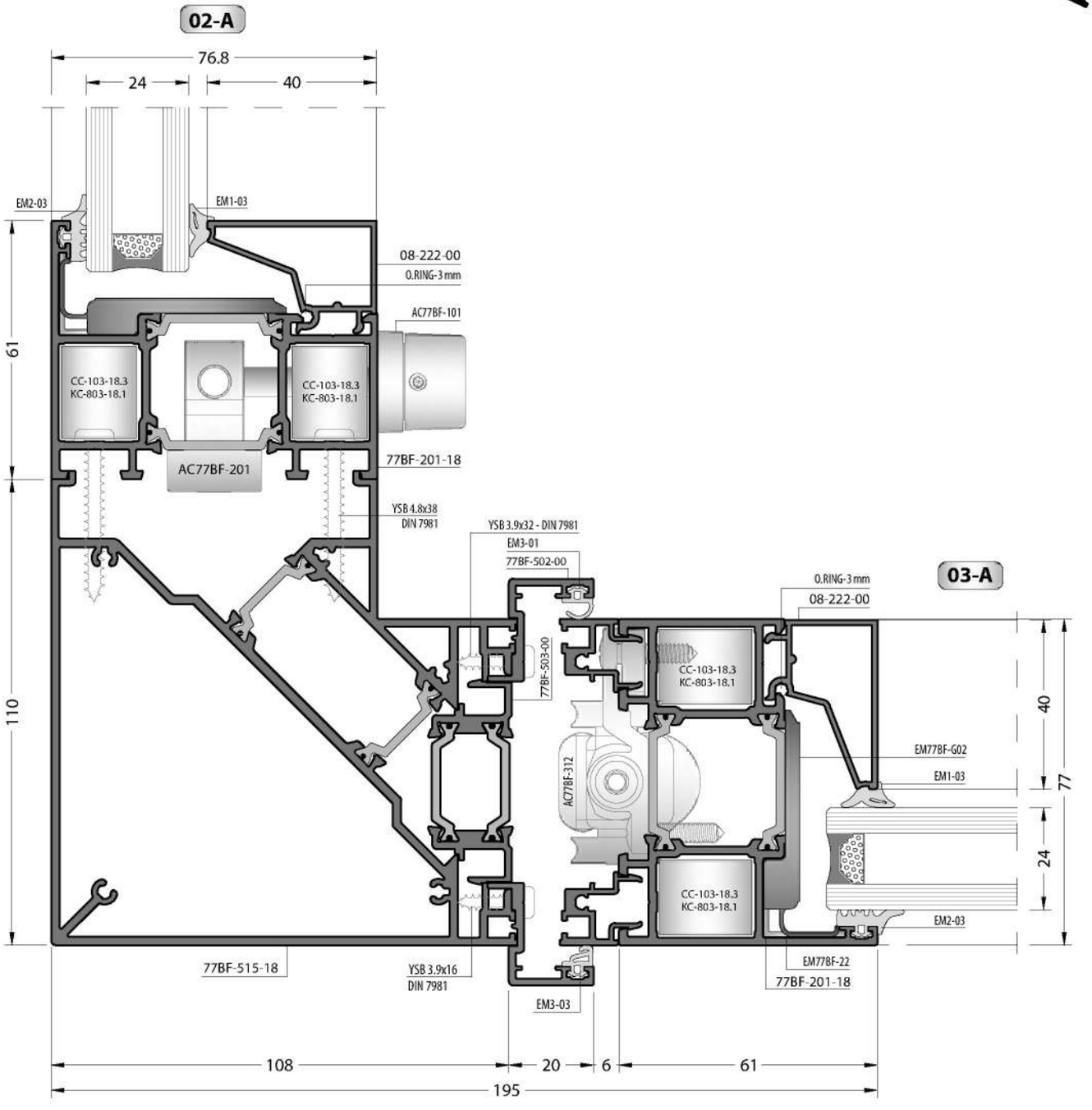




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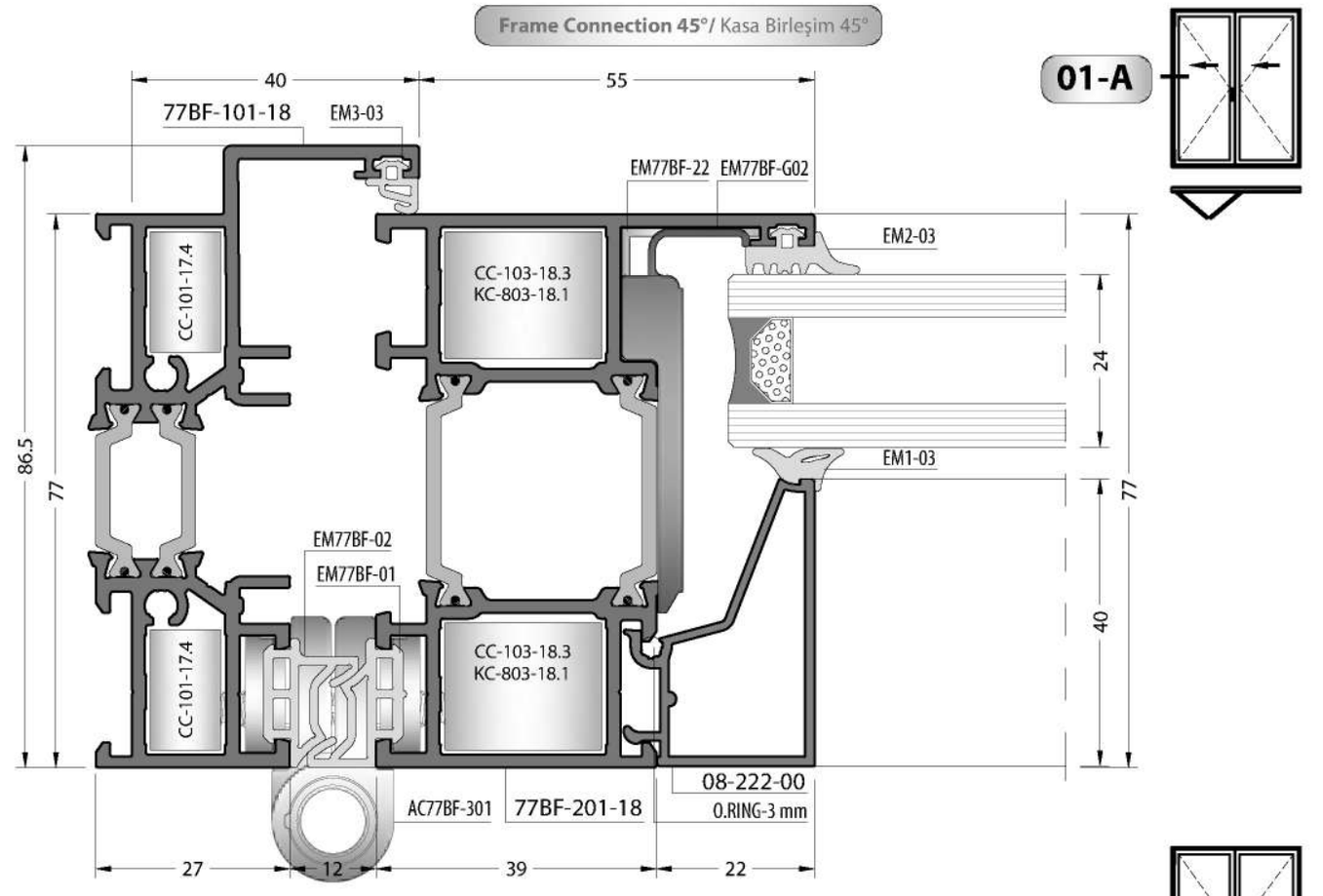
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DETAILS
DETAYLAR

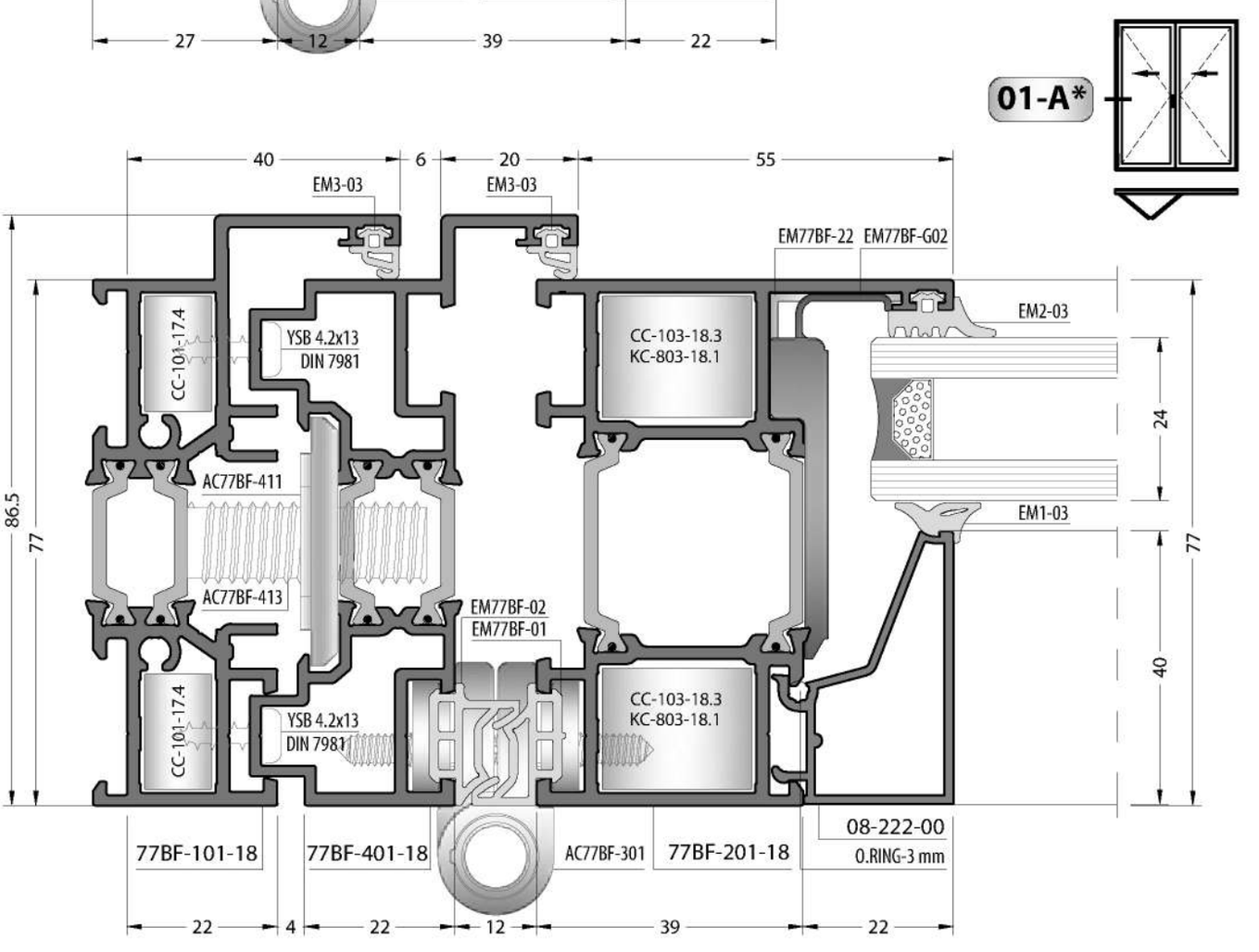




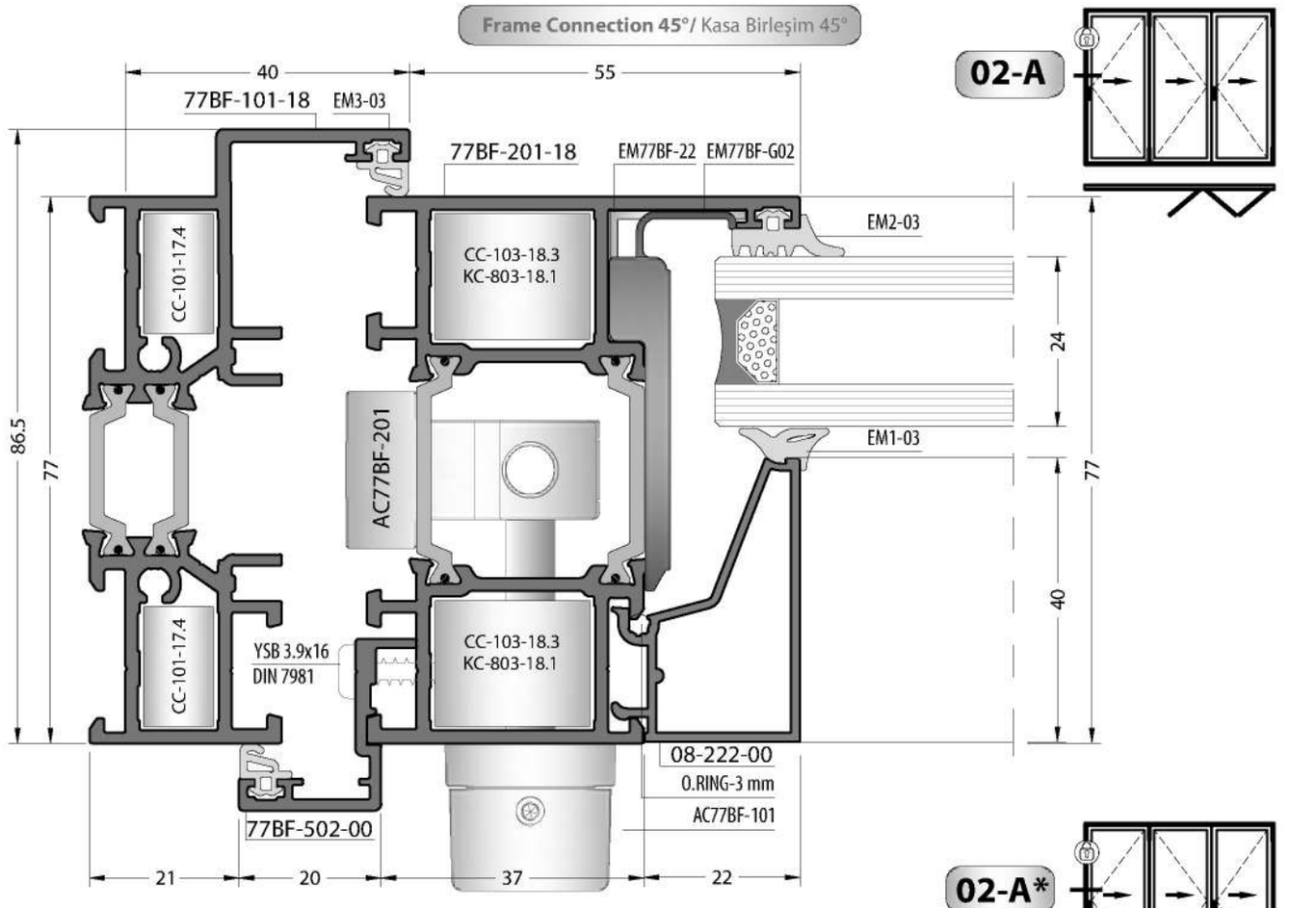
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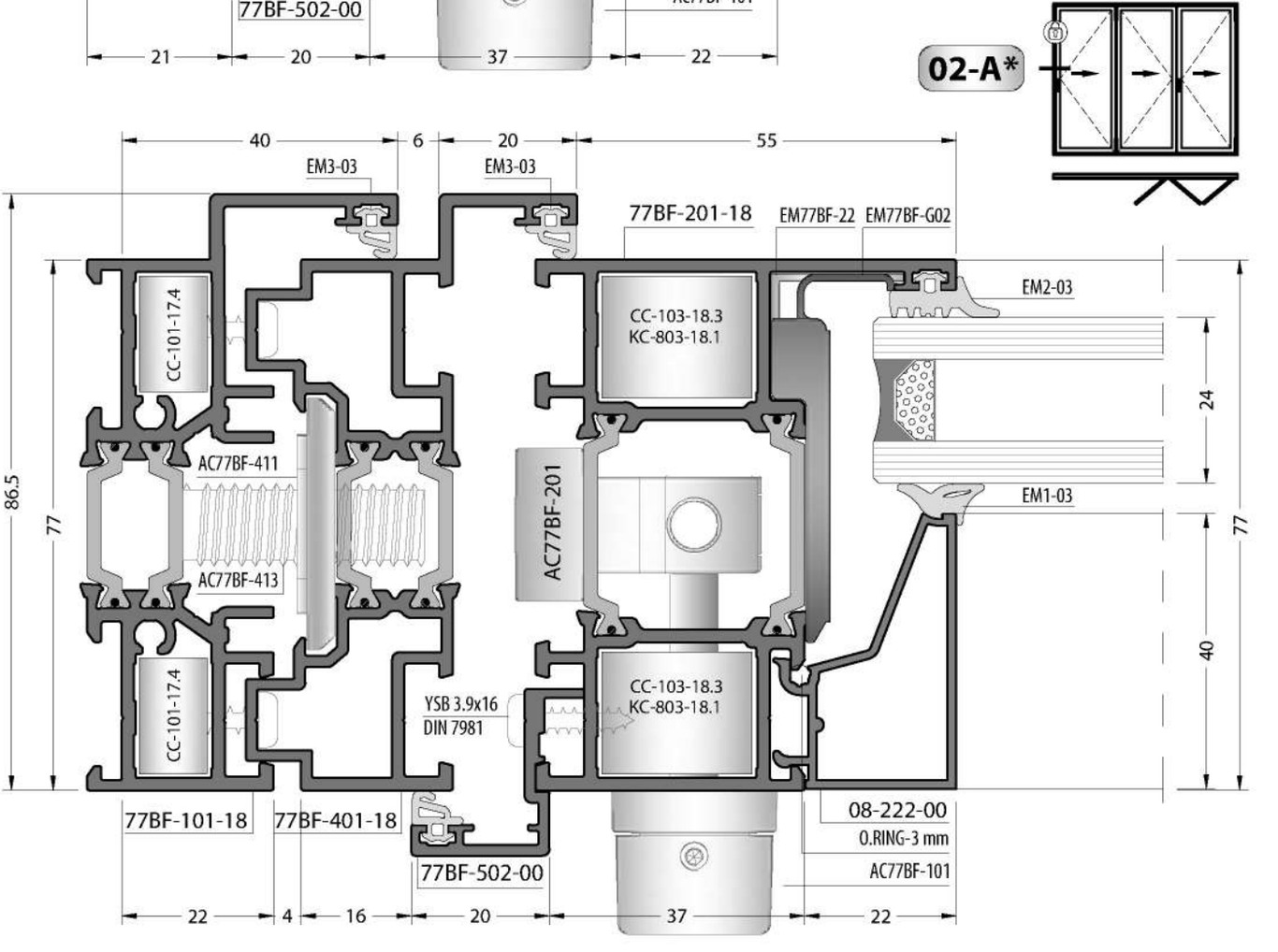
Frame Connection 45°/ Kasa Birleşim 45°



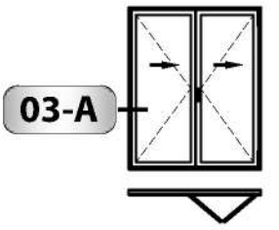


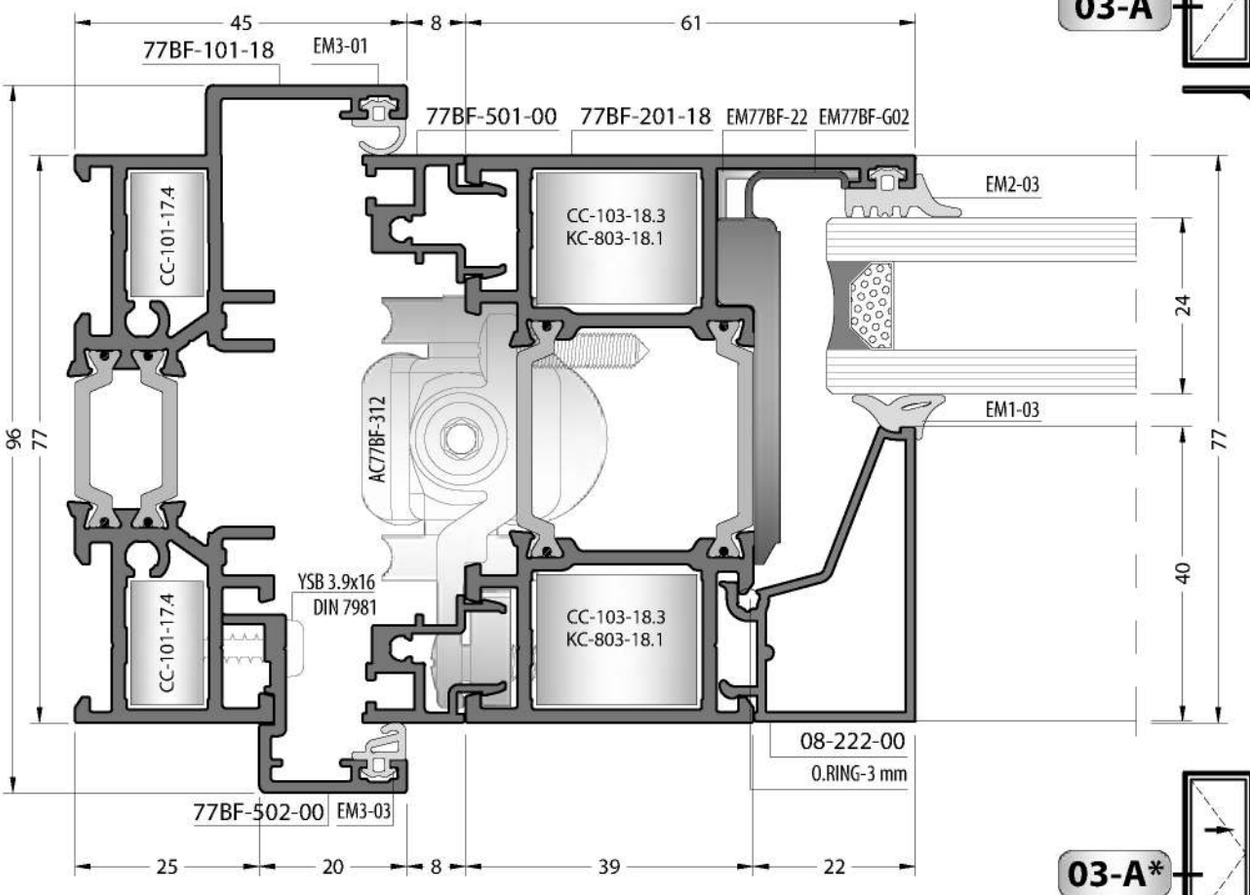
Frame Connection 45°/ Kasa Birleşim 45°

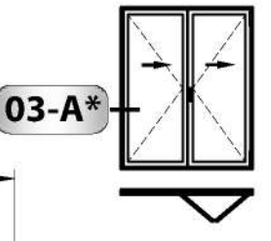


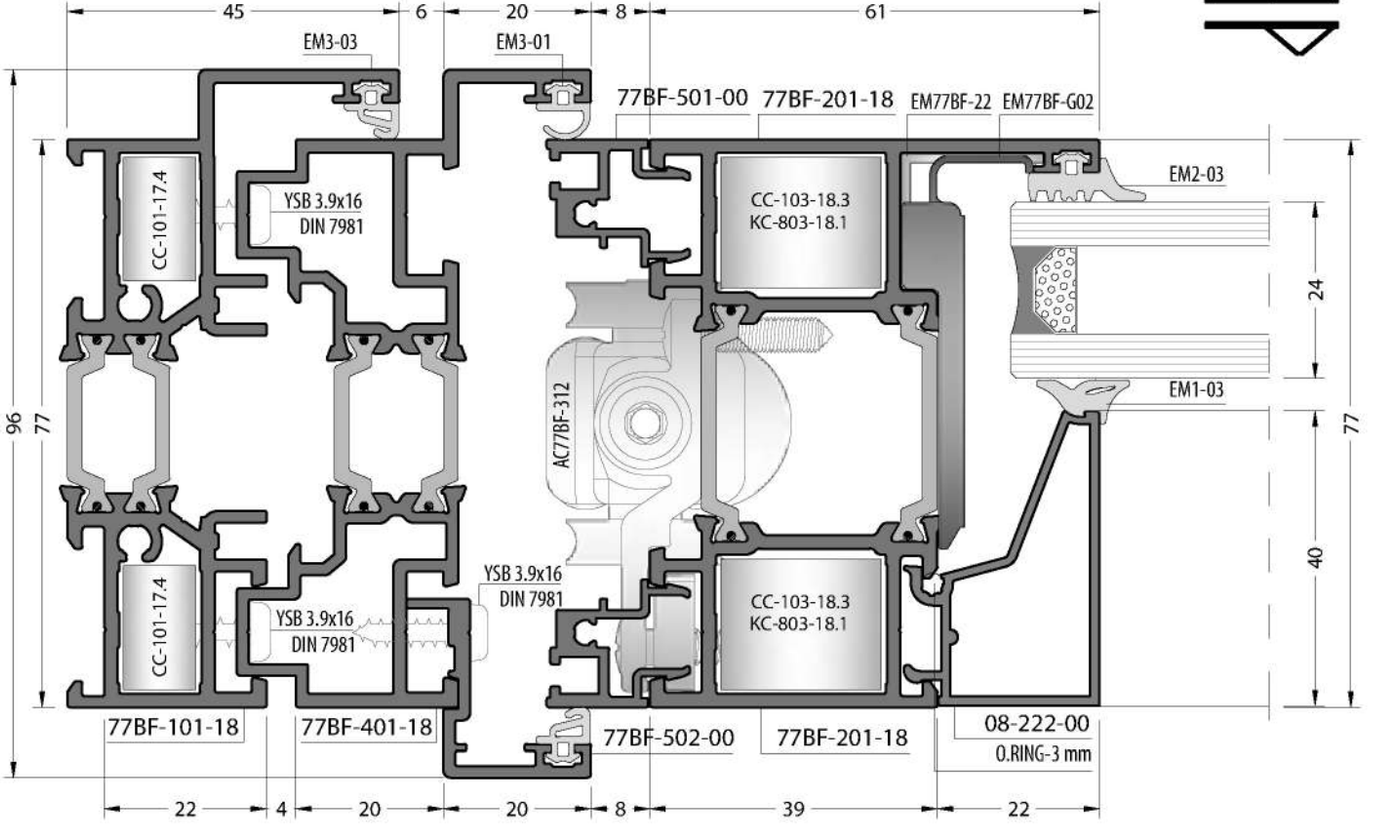


Frame Connection 45°/ Kasa Birleşim 45°

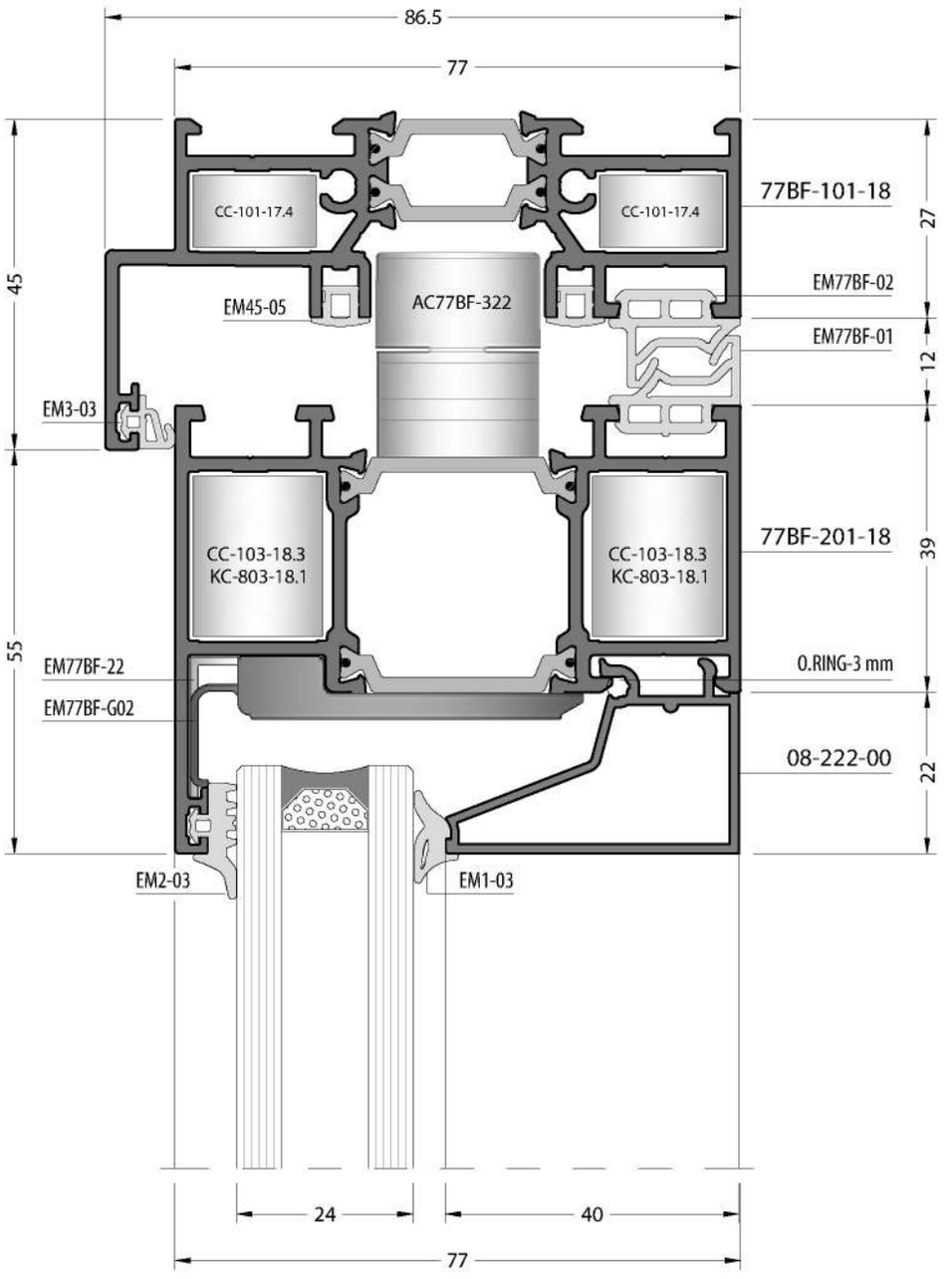




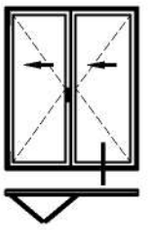


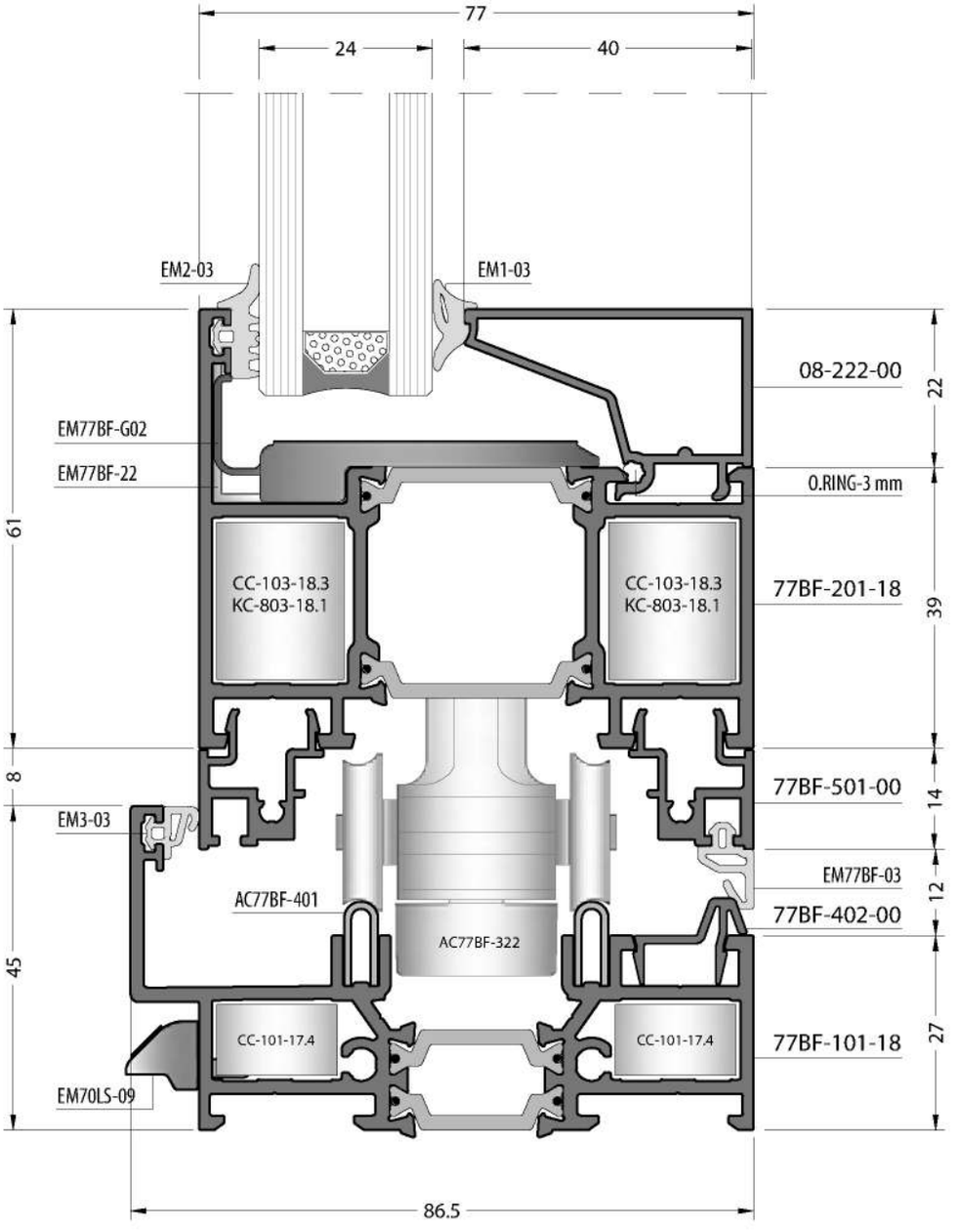


09-A

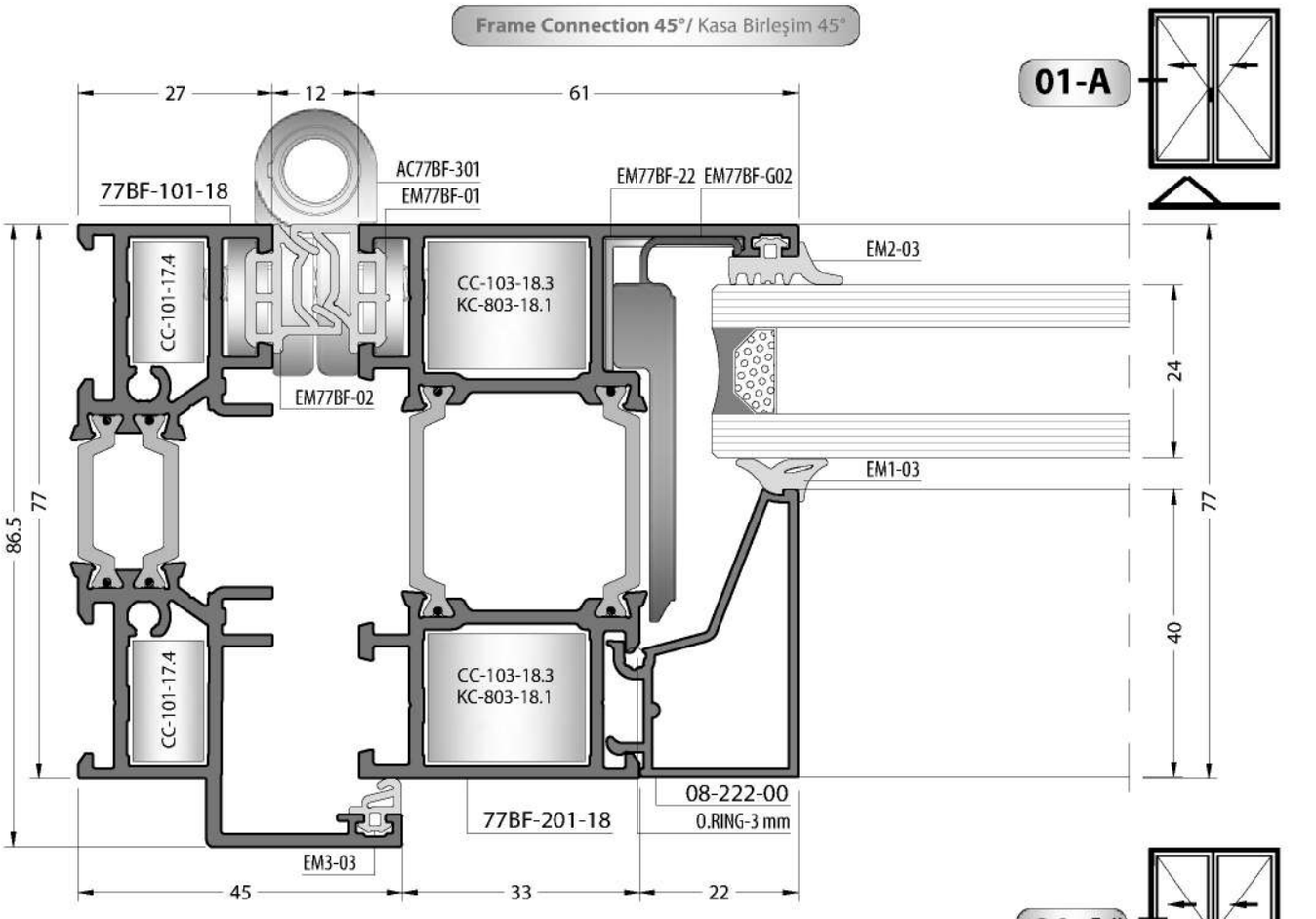

86.5
77
45
55
CC-101-17.4
CC-101-17.4
AC77BF-322
EM45-05
EM3-03
CC-103-18.3
KC-803-18.1
CC-103-18.3
KC-803-18.1
EM77BF-22
EM77BF-G02
EM2-03
EM1-03
77BF-101-18
EM77BF-02
EM77BF-01
77BF-201-18
0.RING-3 mm
08-222-00
27
12
39
22
24
40
77

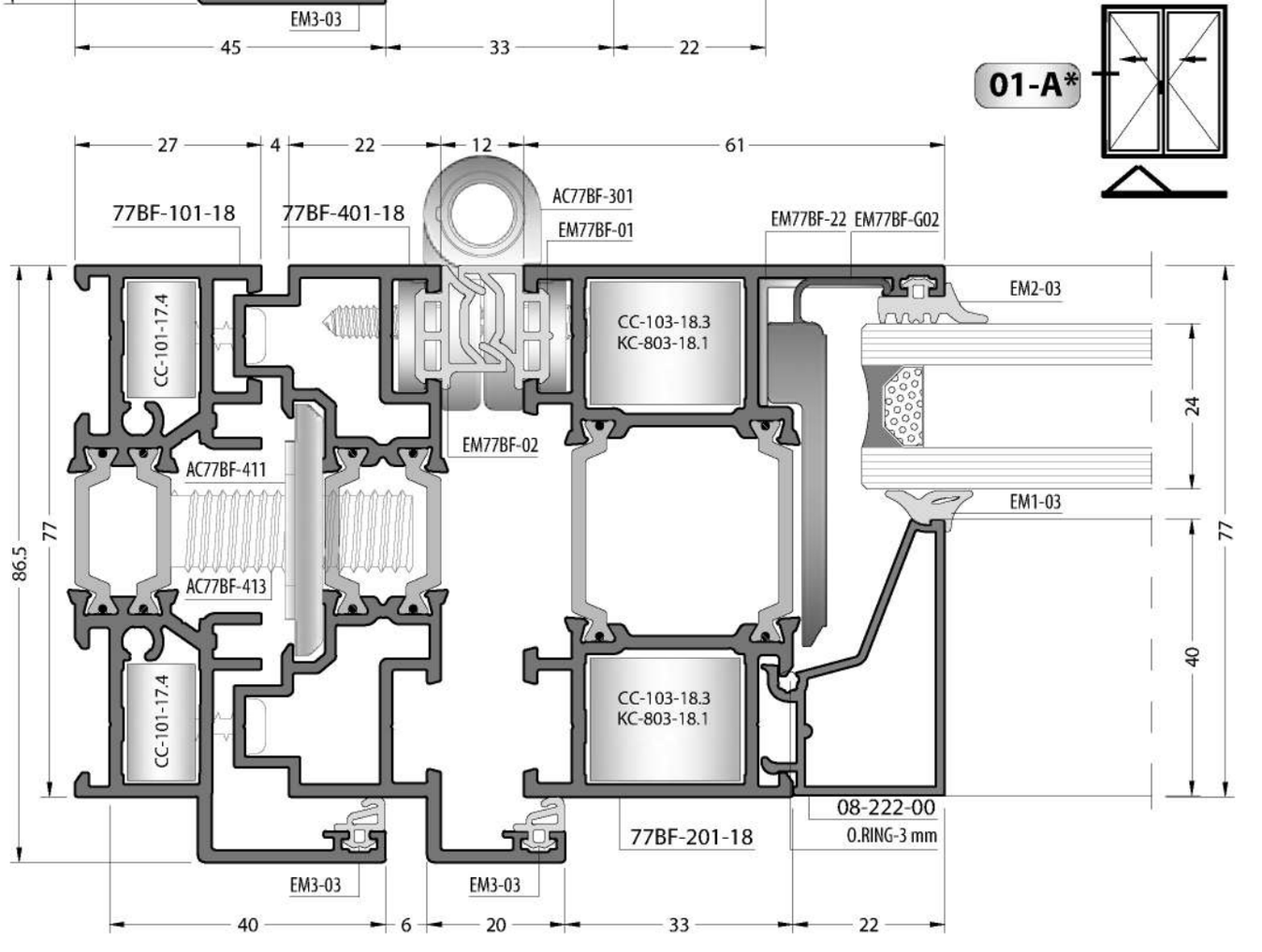
10-A




77
24
40
EM2-03
EM1-03
08-222-00
22
EM77BF-G02
EM77BF-22
O.RING-3 mm
61
CC-103-18.3
KC-803-18.1
CC-103-18.3
KC-803-18.1
77BF-201-18
39
8
77BF-501-00
14
EM3-03
EM77BF-03
12
AC77BF-401
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EM70LS-09
86.5

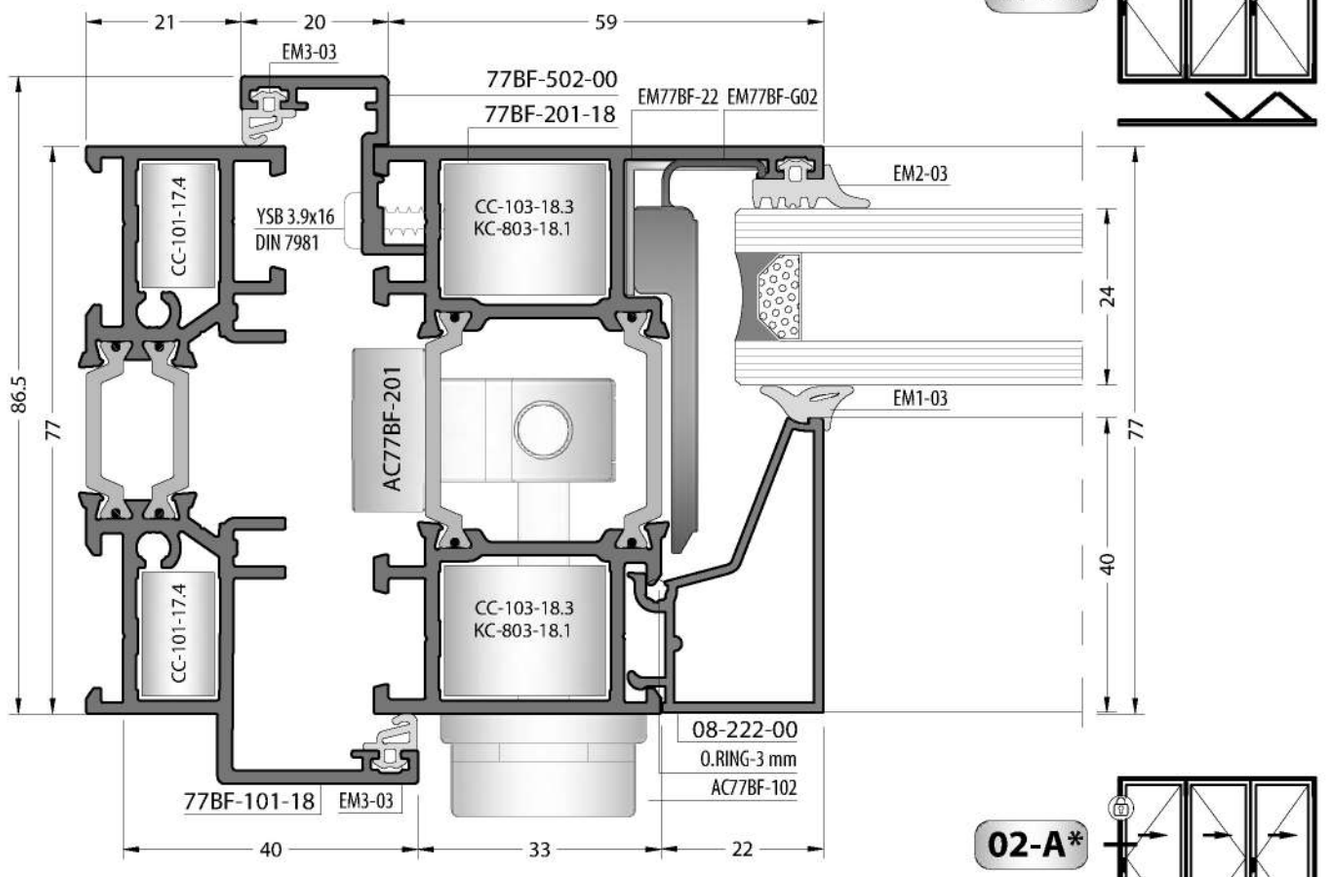
Frame Connection 45°/ Kasa Birleşim 45°



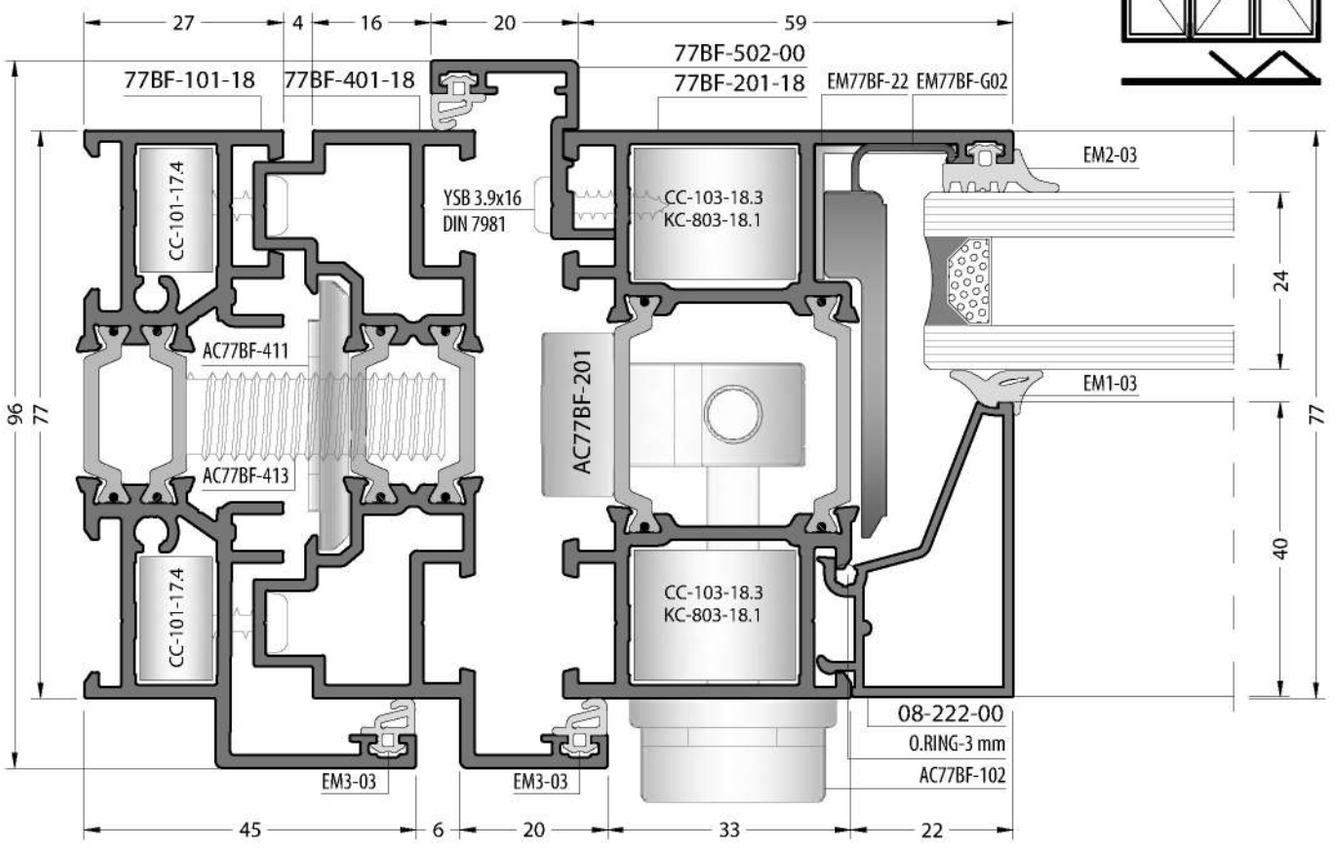


Frame Connection 45°/ Kasa Birleşim 45°

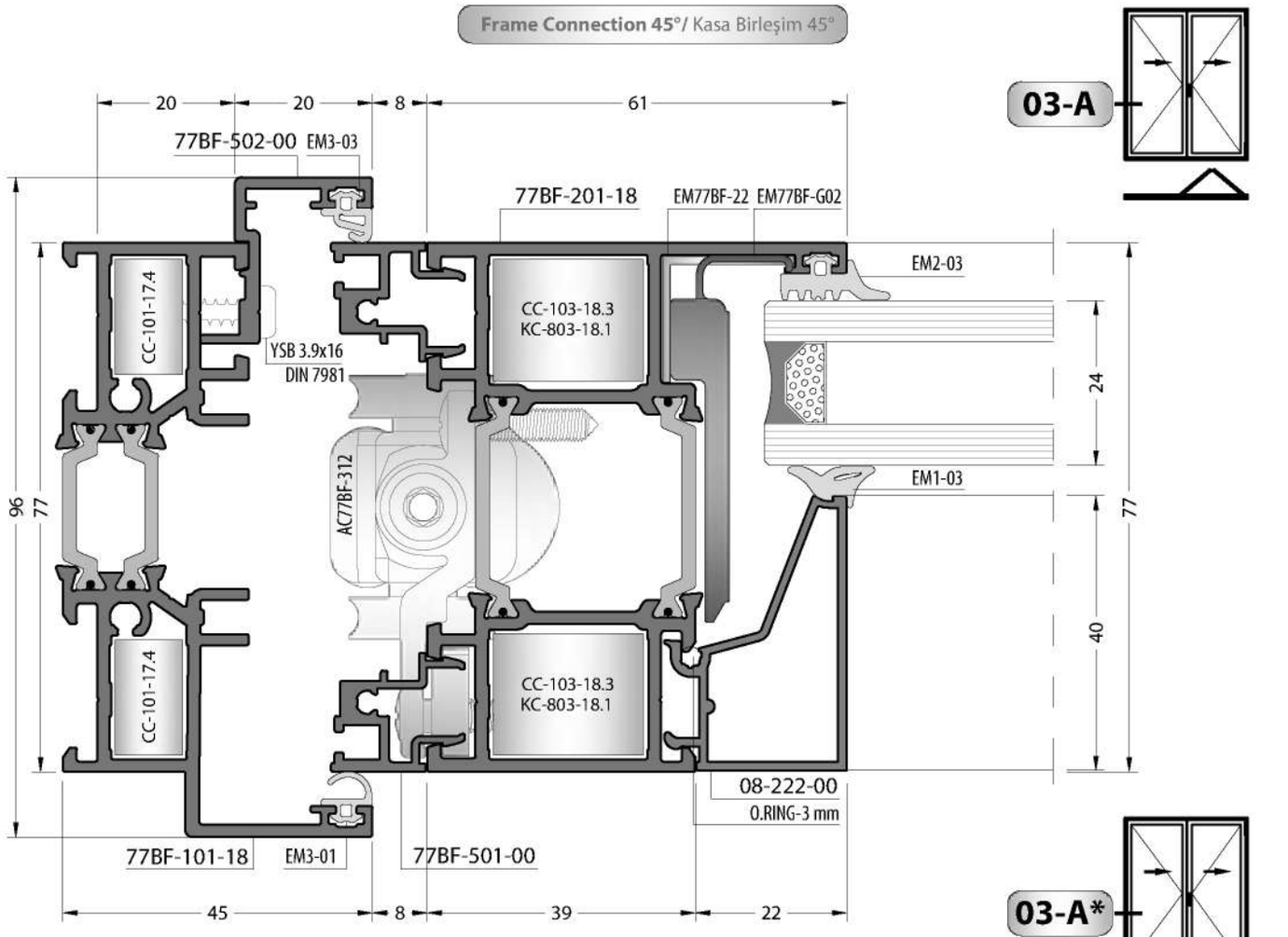
02-A

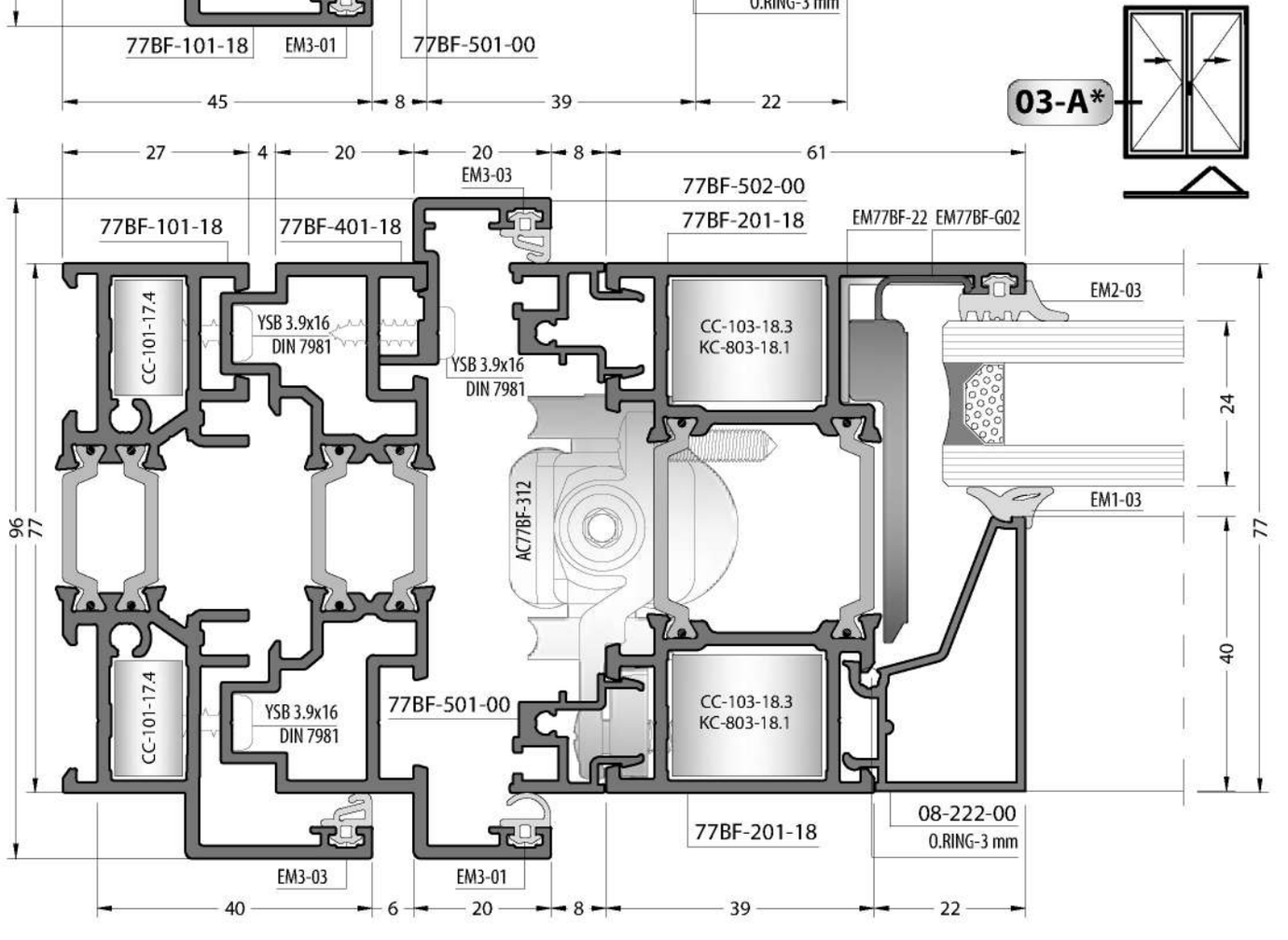


02-A*

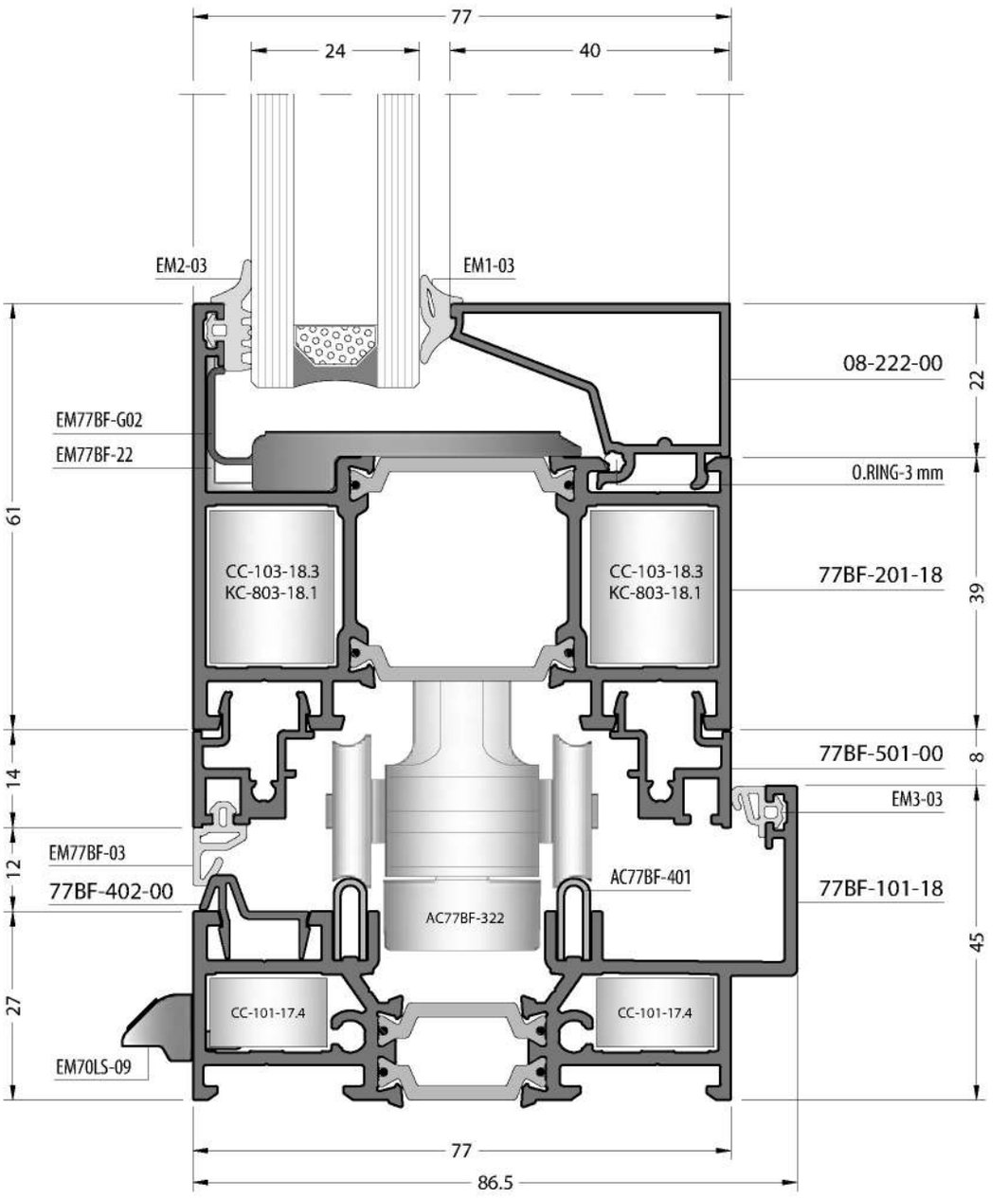


Frame Connection 45°/ Kasa Birleşim 45°





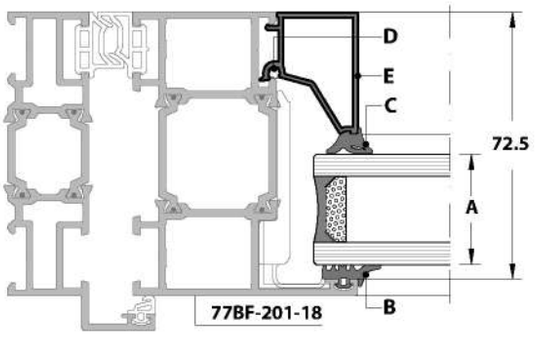
10-A


77
24
40
EM2-03
EM1-03
08-222-00
22
EM77BF-G02
EM77BF-22
O.RING-3 mm
61
CC-103-18.3
KC-803-18.1
CC-103-18.3
KC-803-18.1
77BF-201-18
39
77BF-501-00
8
14
EM3-03
EM77BF-03
12
77BF-402-00
AC77BF-401
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AC77BF-322
45
27
CC-101-17.4
CC-101-17.4
EM70LS-09
77
86.5

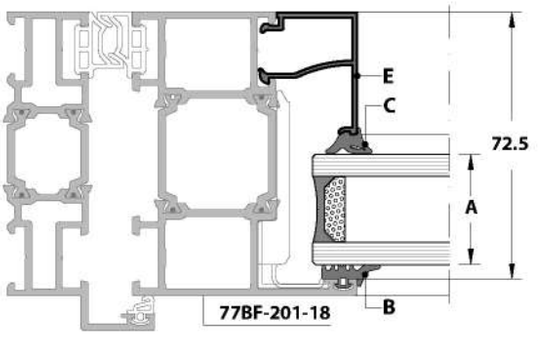
GLAZING TABLES
CAM TABLOLARI

GLAZING TABLES / CAM TABLOSU

SAFETY GLAZING BEAD / GÜVENLİKLİ CAM ÇITASI



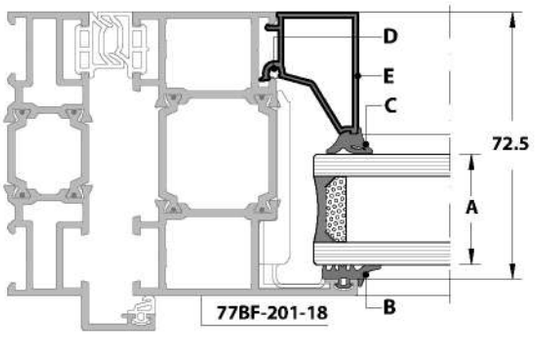
STANDARD GLAZING BEAD / STANDART CAM ÇITASI



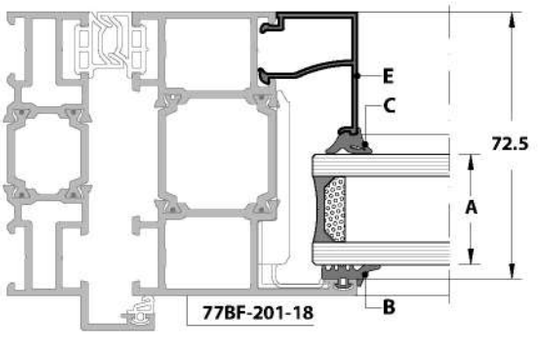
A	B	C	D	E	E
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	SAFETY GLAZING BEAD GÜVENLİKLİ CAM ÇITASI		STANDARD GLAZING BEAD STANDART CAM ÇITASI
14 mm	EM2-03	EM1-05	O.RING-3 mm	08-224-00	-
15 mm		EM1-04			
16 mm		EM1-03			
17 mm	EM2-03	EM1-05	O.RING-3 mm	08-223-00	-
18 mm		EM1-04			
19 mm		EM1-03			
20 mm	EM2-03	EM1-05	O.RING-3 mm	08-221-00	08-121-00
21 mm		EM1-04			
22 mm		EM1-03			
22 mm	EM2-03	EM1-05	O.RING-3 mm	08-222-00	08-122-00
23 mm		EM1-04			
24 mm		EM1-03			
25 mm	EM2-03	EM1-05	O.RING-3 mm	08-216-00	08-116-00
26 mm		EM1-04			
27 mm		EM1-03			
28 mm	EM2-03	EM1-06	O.RING-3 mm	08-215-00	08-115-00
29 mm	EM2-03	EM1-05	O.RING-3 mm	08-215-00	08-115-00
30 mm		EM1-04			
31 mm		EM1-03			

GLAZING TABLES / CAM TABLOSU

SAFETY GLAZING BEAD / GÜVENLİKLİ CAM ÇITASI

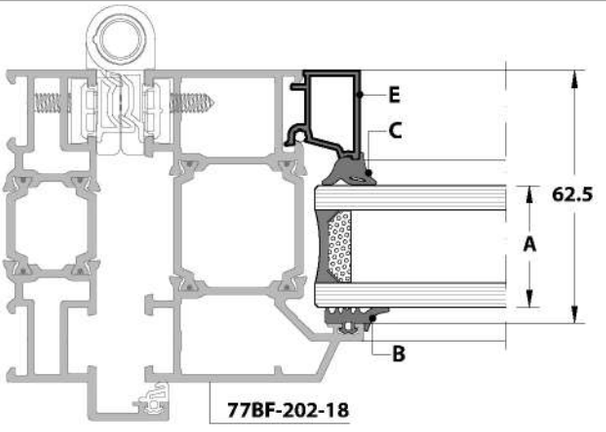


STANDARD GLAZING BEAD / STANDART CAM ÇITASI



A	B	C	D	E	E
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	SAFETY GLAZING BEAD GÜVENLİKLİ CAM ÇITASI		STANDARD GLAZING BEAD STANDART CAM ÇITASI
32 mm	EM2-03	EM1-05	O.RING-3 mm	08-217-00	08-117-00
33 mm		EM1-04			
34 mm		EM1-03			
34 mm	EM2-03	EM1-05	O.RING-3 mm	08-213-00	08-113-00
35 mm		EM1-04			
36 mm		EM1-03			
37 mm	EM2-03	EM1-05	O.RING-3 mm	08-212-00	08-112-00
38 mm		EM1-04			
39 mm		EM1-03			
40 mm	EM2-03	EM1-05	O.RING-3 mm	08-209-00	08-109-00
41 mm		EM1-04			
42 mm		EM1-03			
43 mm	EM2-03	EM1-05	O.RING-3 mm	08-208-00	08-108-00
44 mm		EM1-04			
45 mm		EM1-03			
45 mm	EM2-03	EM1-05	O.RING-3 mm	08-207-00	08-107-00
46 mm		EM1-04			
47 mm		EM1-03			
48 mm	EM2-03	EM1-05	O.RING-3 mm	08-205-00	08-105-00
49 mm		EM1-04			
50 mm		EM1-03			

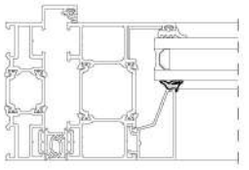
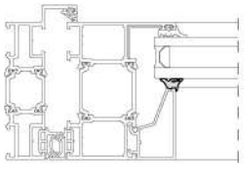
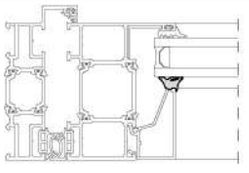
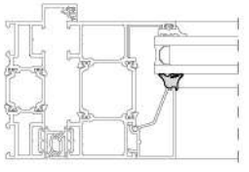
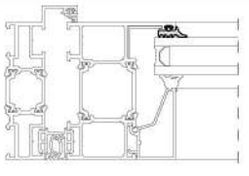
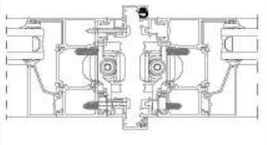
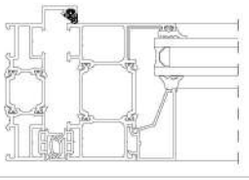
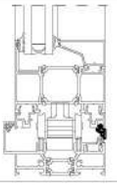
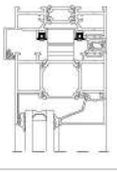
GLAZING TABLES / CAM TABLOSU



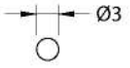
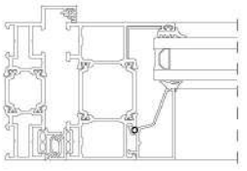
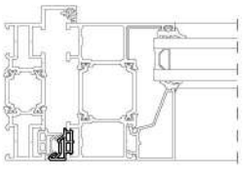
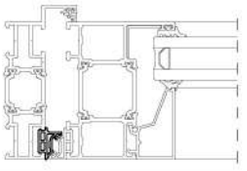
A	B	C	D	E
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	SAFETY GLAZING BEAD GÜVENLİKLİ CAM ÇITASI	
23 mm	EM2-03	EM1-05	O.RING-3 mm	08-314-00
24 mm		EM1-04		
25 mm		EM1-03		
27 mm	EM2-03	EM1-05	O.RING-3 mm	08-312-00
28 mm		EM1-04		
29 mm		EM1-03		
30 mm	EM2-03	EM1-05	O.RING-3 mm	08-309-00
31 mm		EM1-04		
32 mm		EM1-03		
33 mm	EM2-03	EM1-05	O.RING-3 mm	08-308-00
34 mm		EM1-04		
35 mm		EM1-03		

ACCESSORIES
AKSESUARLAR

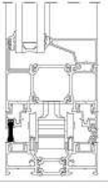
GASKETS / FİTİLLER

CODE / KOD	DRAWING / ÇİZİM	APPLICATION UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	WEIGHT AĞIRLIK Kg/m	IN ONE PACKAGE PAKET MİKTARI
EM1-03			Glazing Gasket Inside İç Cam Fitili	EPDM	0.050	300 m
EM1-04			Glazing Gasket Inside İç Cam Fitili	EPDM	0.065	230 m
EM1-05			Glazing Gasket Inside İç Cam Fitili	EPDM	0.071	210 m
EM1-06			Glazing Gasket Inside İç Cam Fitili	EPDM	0	0
EM2-03			Glazing Gasket Outside Dış Cam Fitili	EPDM	0.069	215 m
EM3-01			Acoustical Gasket Bini Fitili	EPDM	0.032	465 m
EM3-03			Acoustical Gasket Bini Fitili	EPDM	0.031	400 m
EM77BF-03			Acoustical Gasket Bini Fitili	EPDM	0.044	340 m
EM45-05			Frame Gasket Kasa Fitili	EPDM	0.000	550 m

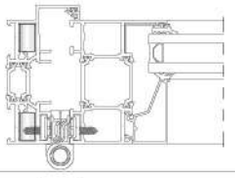
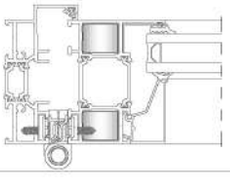
GASKETS / FİTİLLER

CODE / KOD	DRAWING / ÇİZİM	APPLICATION UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	WEIGHT AĞIRLIK Kg/m	IN ONE PACKAGE PAKET MİKTARI
O.RING-3 mm			Foam Gasket Sünger Fitil	EPDM	0.005	100 m
EM77BF-01			Isolation Gasket İzolasyon Fitili	EPDM	0.105	140 m
EM77BF-02			Isolation Gasket İzolasyon Fitili	EPDM	0.105	140 m

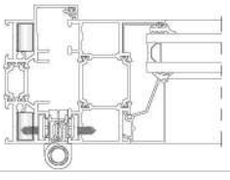
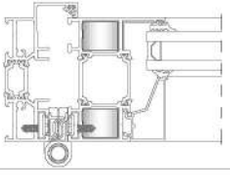
BRUSH / FIRÇA

CODE / KOD	DRAWING / ÇİZİM	APPLICATION UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	WEIGHT AĞIRLIK Kg/m	IN ONE PACKAGE PAKET MİKTARI
AC77BF-421			Brush / Fırça Metal Gövdeli Kıl Fırça	-	-	0cm / 0 cm

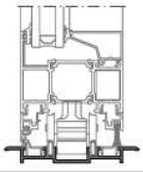
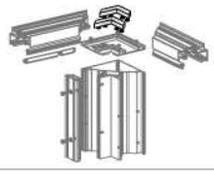
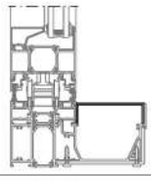
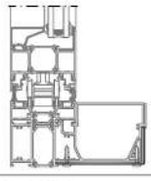
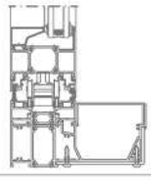
PRESS CORNER JOINTS / PRES KÖŞE BAĞLANTILAR

CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CC-101-17.4			09-101-00	17.4 mm	77BF-101-18
CC-103-18.3			09-103-00	18.3 mm	77BF-201-18

MECHANICAL CORNER JOINTS / MEKANİK KÖŞE BAĞLANTILAR

CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
KC-801-17.2			09-801-00	17.2 mm	77BF-101-18
KC-803-18.1			09-803-00	18.1 mm	77BF-201-18

Connection Items / Bağlantı Ürünleri

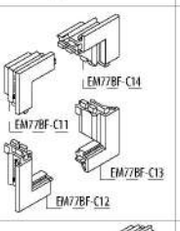
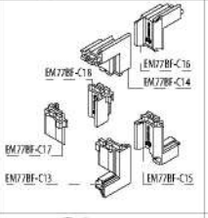
CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CA77BF-103			**FRAME CORNER JOINT** KASA KÖŞE BAĞLANTI	-	77BF-103-00
CA77BF-121			KÖŞE DÖNÜŞ KASA BAĞLANTI	-	77BF-111-18
CA77BF-151-01			OLU SACI	-	77BF-151-00
CA77BF-151-02			-	-	77BF-151-00
CA77BF-151-03			OLUK KAPAĞI	-	77BF-151-00

ACCESSORIES / AKSESUARLAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
AC77BF-101		**MINIMAL HANDLE (INWARD OPENING)** KOL (İÇE AÇILIR)
AC77BF-102		**MINIMAL HANDLE (OUTWARD OPENING)** KOL (DIŞA AÇILIR)
AC77BF-103		**DOUBLE HANDLE** MASTER KOL
AC77BF-111 **INWARD** İÇE AÇILIR		**PULL HANDLE** ÇEKME KOL
AC77BF-112 **OUTWARD** DIŞA AÇILIR		**HINGE WITH THREADED PLATE** ÇEKME KOL
AC77BF-201		**TWO-WAY MOVEMENT** KOL İLETİŞİM EKIPMANI
AC77BF-202		**MULTIPOINT CENTER LOCK TWO WAY** KİLİT
AC77BF-203		**3 LOCKING POINT VERTICAL LOCK** 3 NOKTADAN KİLİTLEMELİ İSPANYOLET
Door.Cyl.100		**DOOR CYLINDER** 100 mm SİLİNDİR 100 mm
AC77BF-204		**UPDOWN CONNECTION FOR TRIPLE LOCK** 3 NOKTADAN KİLİTLİ İSPANYOLET İÇİN GİJON BAĞLANTI APARATI
AC77BF-211		**LOCKING ROD KIT** KILITLEME TIJ TAKIMI
EM77BF-281		**SASH GUIDE SET** KANAT KILAVUZ YUVASI

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
AC77BF-221		**ADJUSTABLE COUNTERPLATE** KILIT KARŞILIĞI
AC77BF-222		**3 LOCKING POINT ADJUSTABLE COUNTERPLATE** 3 NOKTADAN KİLİTLEMELİ KILIT KARŞILIĞI
AC77BF-231		**LEVER BOLT** FİŞEK SÜRGÜ
AC77BF-232		**STRIKER** FIŞEK KARŞILIK
AC77BF-301		**HINGE WITH THREADED PLATE** KATLANIR MENTEŞESI
AC77BF-311		**LOWER ROLLER (ONE WHELL)** ALT RULMAN (TEK TEKERLİ)
AC77BF-312		**UPPER ROLLER (ONE WHELL)** ÜST RULMAN (TEK TEKERLİ)
AC77BF-321		**LOWER ROLLER (TWO WHELL)** ALT RULMAN (ÇİFT TEKERLİ)
AC77BF-322		**UPPER ROLLER (TWO WHELL)** ÜST RULMAN (ÇİFT TEKERLİ)
AC77BF-401		**STAINLESS RAIL** PASLANMAZ RAY (3,25 M)
AC77BF-411		**FRAME ADJUSTING PLATE** KASA AYAR PARÇASI
AC77BF-412		SETSKUR SETSKUR

ACCESSORIES / AKSESUARLAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
AC77BF-413		SETSKUR SETSKUR
AC77BF-431		**SASH HOLDER** KANAT TUTUCU
EM77BF-221		**LOCK AND STIKER ADAPTER** KİLİT VE KARŞILIK ADAPTÖRÜ
EM77BF-511		**DROPPER CAP** DAMLALIK KAPAĞI
EM77BF-C01		**EPDM CORNER ENJEKSİON** EPDM KÖŞE ENJEKSİYON
EM77BF-C02		**EPDM CORNER ENJEKSİON** EPDM KÖŞE ENJEKSİYON
EM77BF-23		**FRAME JOINT INSULATION PLASTIC** KASA BİRLEŞİM İZOLASYON PLASTİĞİ
EM77BF-501A		**HORIZONTAL ADAPTOR PLASTIC CAP** YATAY ADAPTÖR PLASTİK KAPAK

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
EM77BF-501B		**VERTICAL ADAPTOR PLASTIC CAP** DÜŞEY ADAPTÖR PLASTİK KAPAK
EM77BF-502		**ADAPTOR PLASTIC CAP** BİNİ ADAPTÖR PLASTİK KAPAK
EM77BF-91		**ROD GUIDE PLASTIC** GİJON KILAVUZ PLASTİĞİ
EM77BF-G02		**SASH WEDGE** KANAT CAM TAKOZU
EM77BF-22		**PVC CORNER ALIGNMENT** PVC KÖŞE GÖNYE
EM77BF-515		**CORNER CAP SET** KÖŞE DÖNÜŞ KAPAK TAKIMI
EM70LS-09		**DRANAIGE CAP** TAHLİYE KAPAĞI

AKSESUAR CHART / AKSESUAR LİSTESİ

77BF KATLANIR KAYAR SİSTEM					2	3				4							5						6																			7									
					2+0	2+1			3+0			2+2	3+1						4+0	3+2			4+1			5+0			3+3							4+2	5+1						6+0	4+3			5+2			6+1			7+0		
SYSTEM CODE / SİSTEM KODU	PICTURE / RESİM	PACKAGE / PAKET	DESCRIPTION / TANIM	OPENING / AÇILIM	3A	07-A	07-B	07-C	02-A	02-B	02-C	8A	06-A1	06-A2	06-B1	06-B2	06-C1	06-C2	3A	07-A	07-B	07-C	07-A	07-B	07-C	02-A	02-B	02-C	06-A1	06-A2	06-B1	06-B2	06-C1	06-C2	8A	06-A1	06-A2	06-B1	06-B2	06-C1	06-C2	3A	07-A	07-B	07-C	07-A	07-B	07-C	07-A	07-B	07-C	02-A	02-B	02-C
AC77BF-101		PIECE / ADET	MINIMAL HANDLE (INWARD OPENING) / MİNİMAL KOL (İÇE AÇILIR)	INWARD / İÇE AÇILIR	1	2	1		2	1		2	3	2	2	1	2	1	2	3	2		3	2		3	2		4	3	3	2	3	2	3	4	3	3	2	3	2	3	4	3		4	3		4	3		4	3	
AC77BF-102		PIECE / ADET	MINIMAL HANDLE (OUTWARD OPENING) / KOL (DIŞA AÇILIR)	OUTWARD / DIŞA AÇILIR																																														
AC77BF-103		PIECE / ADET	DOUBLE HANDLE / ÇİFT KOL		-	-	1		-	1		-	-	-	1	1	1	1	-	-	1		-	1		-	1		-	-	1	1	1	1	-	-	-	1	1	1	1	-	-	1		-	1		-	1		-	1	
AC77BF-111		PIECE / ADET	FULL HANDLE / TAM KOL	INWARD / İÇE AÇILIR	1		1			1		2			1				2		2			2			2					2			3			2				3		3			3			3			3	
AC77BF-112		PIECE / ADET	HINGE WITH THREADED PLATE / MENTEŞE + MONTAJ PLAKASI	OUTWARD / DIŞA AÇILIR																																														
AC77BF-201		PIECE / ADET	TWO-WAY MOVEMENT / İKİ İLERİ HAREKETLİ		1	2	1		2	1		2	3	2	2	1	2	1	2	3	2		3	2		3	2		4	3	3	2	3	2	3	4	3	3	2	3	2	3	4	3		4	3		4	3		4	3	
AC77BF-202		PIECE / ADET	MULTI POINT LOCKING TWO SIDES MOVEMENTS / İNTERNAL KOD		-	-	1	-	-	1	-	-	-	-	1	1	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-	-	-	1	-	-	1	-	-	1	-	-	1	-
AC77BF-203		PIECE / ADET	3 LOCKING POINT VERTICAL LOCK / 3 NOKTADAN KİLİTLEMELİ DİKEY KİLİT		-	-	-	1	-	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	1	0	0	1
AC77BF-204		SET / TAKIM	UPDOWN CONNECTION FOR TSP FILE LOCK / TSP DOSYA KİLİDİ İÇİN YUKARI AŞAĞI BAĞLANTI APARATI		-	-	-	1	-	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	1	0	0	1
Door.Cyl.100		PIECE / ADET	DOOR CYLINDER / KİLİT SİLİNDİRİ 100 mm		-	-	1	1	-	1	1	0	0	0	1	1	1	1	0	0	1	1	0	1	1	0	1	1	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	1	1	0	1	1	0	1	1	0	1	1
AC77BF-211		SET / TAKIM	LOCKING HOOK SET / KİLİTLEYİCİ TAKIM		1	2	2	2	2	2	2	2	3	2	3	2	3	2	2	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	3	4	3	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4
EM77BF-281		SET / TAKIM	SASH GUIDE SET / KANAT KILAVUZ SETİ		1	2	2	2	2	2	2	2	3	2	3	2	3	2	2	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	3	4	3	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4
AC77BF-221		PIECE / ADET	ADJUSTABLE ECCENTER PLATE / KAYAR KALOZ		-	-	1	1	-	1	1	-	-	-	1	1	1	1	-	-	1	1	-	1	1	0	1	1	0	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	1	1	0	1	1	0	1	1	0	1	1
AC77BF-222		PIECE / ADET	3 LOCKING POINT ADJUSTABLE ECCENTER PLATE / 3 NOKTADAN KİLİTLEMELİ KİLİT BAĞLANTI		-	-	-	2	-	-	2	-	-	-	-	-	2	2	-	-	1	2	-	-	2	-	-	2	2	-	-	-	-	-	2	2	-	-	-	-	-	2	2	-	-	2	-	-	2	-	-	2	-	-	2
EM77BF-221		SET / TAKIM	LOCK AND STROKE ADAPTER / KİLİT VE KAROLUK ADAPTÖRÜ		-	-	2	3	-	2	3	-	-	-	2	2	3	3	-	-	2	3	-	2	3	-	2	3	-	-	-	2	2	3	3	-	-	-	2	2	3	3	-	-	2	3	-	2	3	-	2	3	-	2	3
AC77BF-231		PIECE / ADET	LOCKER BOLT / KİLİT SÜRGÜSÜ		0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
AC77BF-232		PIECE / ADET	STRIKER / KİLİT KAMASI		0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
AC77BF-301		PIECE / ADET	HINGE WITH THREADED PLATE / MENTEŞE + MONTAJ PLAKASI 1 KAT / 1 KANATTA 1 MENTEŞE, KANAT ≤1200	INWARD / İÇE AÇILIR	6		9			7		12			10				10	13			13			11			14							16			14				14	17			17			17			15		
				OUTWARD / DIŞA AÇILIR	5		8			6		10			9				8	11			11			9			12							13			12				11	14			14			14			12		
			HINGE WITH THREADED PLATE / MENTEŞE + MONTAJ PLAKASI 1 KAT / 1 KANATTA 1 MENTEŞE, 1200<KANAT≤2000	INWARD / İÇE AÇILIR	8		12			10		16			14				14	18			18			16			20							22			20				20	24			24			24			22		
				OUTWARD / DIŞA AÇILIR	7		11			9		14			13				12	16			16			14			18							19			18				17	21			21			21			19		
			HINGE WITH THREADED PLATE / MENTEŞE + MONTAJ PLAKASI 1 KAT / 1 KANATTA 2000< KANAT ≤2500	INWARD / İÇE AÇILIR	10		15			13		20			18				18	23			23			21			26							28			26				26	31			31			31			29		
				OUTWARD / DIŞA AÇILIR	9		14			12		18			17				16	21			21			19			24							25			24				23	28			28			28			26		
AC77BF-311		PIECE / ADET	LOWER ROLLER / ONE WHEEL / ALT MAKARA / TEK TEKERLİ		1		1			0		2			0				1	1			1			0			0							2			0				1	1			1			1			0		
AC77BF-312		PIECE / ADET	UPPER ROLLER / ONE WHEEL / ÜST MAKARA / TEK TEKERLİ		1		1			0		2			0				1	1			1			0			0							2			0				1	1			1			1			0		
AC77BF-321		PIECE / ADET	LOWER ROLLER / TWO WHEELI / ALT MAKARA / ÇİFT TEKERLİ		0		0			1		0			1				1	1			1			2			2							1			2				2	2			2			2			3		
AC77BF-322		PIECE / ADET	UPPER ROLLER / TWO WHEELI / ÜST MAKARA / ÇİFT TEKERLİ		0		0			1		0			1				1	1			1			2			2							1			2				2	2			2			2			3		
AC77BF-401		PIECE / ADET	STAINLESS RAIL / PASLANMAZ RAY 1,25 M		(2*FL)/3,25																																																			
AC77BF-411		PIECE / ADET	FRAME ADJUSTING PLATE / KASA AYAR PARÇASI	77BF-105-99 (White wood / Kahverengi renk)	(((FH-250)/200) + 1) * 2																																															
AC77BF-412		PIECE / ADET	SET SOCKET / SET SOKAK	77BF-101-99 (White wood / Kahverengi renk)	90° FRAME CONNECTION / KASA BİRLEŞİMİ	(((FH-250)/200) + 1) * 2																																														
AC77BF-413		PIECE / ADET	SET SOCKET / SET SOKAK	77BF-101-99 (White wood / Kahverengi renk)	45° FRAME CONNECTION / KASA BİRLEŞİMİ	(((FH-250)/200) + 1) * 2																																														
AC77BF-431		SET / TAKIM	SASH HOLDER / KANAT TUTUCU		0	0			1			0	1						0	1			0			1			2							0	1						0	1			1			0			1		
EM77BF-511		SET / TAKIM	DROPPER CAP / DAMLALIK KAPAĞI	OUTWARD / DIŞA AÇILIR	1	1			1			1	1						1	1			1			1			1							1	1						1	1			1			1			1		
EM77BF-C01		SET / TAKIM	FROM CORNER CONNECTION / BİRLEŞİM KÖŞE BAĞLANTISI		1	1			1			1	1						1	1			1			1			1							1	1						1	1			1			1			1		
EM77BF-C02		SET / TAKIM	FROM CORNER CONNECTION / BİRLEŞİM KÖŞE BAĞLANTISI		1	1			2			2	2						3	3			3			4			4							4	4						5	5			5			5			6		
EM77BF-23		SET / TAKIM	FRAME JOINT INSULATION PLASTIC / KASA BİRLEŞİM İZOLASYON PLASTİĞİ	90° FRAME CONBINATION / KASA BİRLEŞİMİ	2 PIECE / ADET 1 PIECE / ADET (77BF-103-00 IF THE SAFE IS USED / KASA KULLANILIRSA)																																																			
EM77BF-501A		SET / TAKIM	HORIZONTAL ADAPTOR PLASTIC CAP / YATAY ADAPTÖR PLASTİK KAPAĞI		3	5	4	6	5			6	8		6				7	9	8	9	8	10	9	12	10		10	12	10						11	13	12	13	12	13	12	14	13										
EM77BF-501B		SET / TAKIM	VERTICAL ADAPTOR PLASTIC CAP / DİKEY ADAPTÖR PLASTİK KAPAĞI		1	1	1	0	1			1	0		1				1	1	1	1	1	0	1	0	1		1	0	1						1	1	1	1	1	1	1	0	1										
EM77BF-502		SET / TAKIM	ADAPTOR PLASTIC CAP / DİKEY ADAPTÖR PLASTİK KAPAĞI		1		2		1			2			2				1		2		2		1		2		2						1		2		2		1		2										
EM77BF-91		PIECE / ADET	NOD GUIDE PLASTIC / KOD KILAVUZ PLASTİĞİ		6	12	12	12	12	12	12	12	18	12	18	12	18	12	12	18	18	18	18	18	18	18	18	18	24	18	24	18	24	18	18	24	24	18	24	18	24	18	18	24	24	24	24	24	24	24	24	24	24	24
EM77BF-G02		PIECE / ADET	SASH WEDGE / KANAT ÇIKTI TESCİİ		8		12					16								20									24															28										
EM77BF-22		PIECE / ADET	PVC CORNER ALIGNMENT / PVC KÖŞE GÖVDE		8		12					16								20									24															28										
EM77BF-515		SET / TAKIM	CORNER CAP SET / KÖŞE DÖNÜŞ KAPAK TAKIMI	TP COPPER / BAKIR	1																																																		
EM70LS-09		PIECE / ADET	DRAINAGE CAP / TAHLİYE KAPAĞI		2		3					4								5									6															7										
CC-101-17.4		PIECE / ADET	FRAME / KASA FREE CORNER JOINT / SERBEST KÖŞE BAĞLANTI	45° FRAME CONBINATION / KASA BİRLEŞİMİ	8		8					8								8									8															8										
KC-801-17.2		PIECE / ADET	FRAME / KASA MECHANICAL CORNER JOINT / MEKANİK KÖŞE BAĞLANTI																																																				
CC-103-18.3		PIECE / ADET	SASH / KANAT FREE CORNER JOINT / SERBEST KÖŞE BAĞLANTI		16		24					32								40									48															56										
KC-803-18.1		PIECE / ADET	SASH / KANAT MECHANICAL CORNER JOINT / MEKANİK KÖŞE BAĞLANTI																																																			
CA77BF-103		SET / TAKIM	FRAME CONNECTION JOINT / KASA KÖŞE BAĞLANTI	77BF-105-99 (White wood / Kahverengi renk)	2																																																		

AKSESUAR CHART / AKSESUAR LİSTESİ

77BF KATLANIR KAYAR SİSTEM

| SYSTEM CODE / SİSTEM KODU | PICTURE / RESİM | PACKAGE / PAKET | DESCRIPTION / TANIM | OPENING / AÇILIM | 8 | | | | | | | | | | | | | | | 9 | | | | | | | | | | 10 | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | 12 | | | | | | | | | | | | | | | | 13 | | | 14 | | | | | | | | | | | | | | | | | | |

CORNER AKSESUAR CHART / KÖŞE DÖNÜŞ AKSESUAR LİSTESİ

77BF
KATLANIR KAYAR SİSTEM

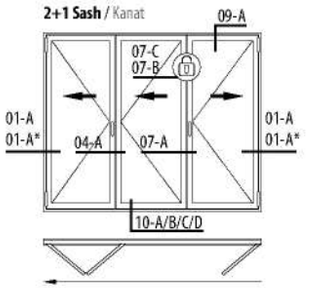
SYSTEM CODE / SİSTEM KOD	PICTURE / RESİM	PACKAGE / PAKET	DESCRIPTION / TANIM	OPENING / AÇILIM	PASSIVE/PASİF 1	PASSIVE/PASİF 3	PASSIVE/PASİF 5	PASSIVE/PASİF 7
					2A			
AC77BF-101		PIECE / ADET	MINIMAL HANDLE (INWARD OPENING) KOL-İÇE AÇILIR	INWARD İÇE AÇILIR	1	2	3	4
AC77BF-102		PIECE / ADET	MINIMAL HANDLE (OUTWARD OPENING) KOL-DIŞA AÇILIR	OUTWARD DIŞA AÇILIR				
AC77BF-103		PIECE / ADET	DOUBLE HANDLE MASTER KOL		-	-	-	-
AC77BF-111		PIECE / ADET	PULL HANDLE ÇEKME KOL	INWARD İÇE AÇILIR	-	1	2	3
AC77BF-112		PIECE / ADET	HINGE WITH THREADED PLATE ÇEKME KOL	OUTWARD DIŞA AÇILIR				
AC77BF-201		PIECE / ADET	TWO-WAY MOVEMENT KOL İLETİŞİM EKİPMANI		1	2	3	4
AC77BF-202		PIECE / ADET	MULTIPOINT LOCKING TWO-WAYS MOVEMENTS, INTERNAL RODS KİLİT		-	-	-	-
AC77BF-203		PIECE / ADET	3 LOCKING POINT VERTICAL LOCK 3 NOKTADAN KİLİTLEMELİ İSPANYOLET		-	-	-	-
AC77BF-204		SET / TAKIM	UPDOWN CONNECTION FOR TRIPLE LOCK 3 NOKTADAN KİLİTLİ İSPANYOLET İÇİN EŞİON BAĞLANTI APARATI		-	-	-	-
Door.Cyl.100		PIECE / ADET	DOOR CYLINDER 100 mm SİLİNDİR 100 mm		-	-	-	-
AC77BF-211		SET / TAKIM	LOCKING ROD KIT KİLİTLEME TİJ TAKIMI		1	2	3	4
EM77BF-281		SET / TAKIM	SASH GUIDE SET KANAT KILAVUZ YUVASI		1	2	3	4
AC77BF-221		PIECE / ADET	ADJUSTABLE COUNTERPLATE KİLİT KARŞILIĞI		-	-	-	-
AC77BF-222		PIECE / ADET	3 LOCKING POINT ADJUSTABLE COUNTERPLATE 3 NOKTADAN KİLİTLEMELİ KİLİT KARŞILIĞI		-	-	-	-
EM77BF-221		SET / TAKIM	LOCK AND STIKER ADAPTER KİLİT VE KARŞILIK ADAPTÖRÜ		-	-	-	-
AC77BF-301		PIECE / ADET	HINGE WITH THREADED PLATE KATLANIR MENTEŞESİ 3 HATTA 3 MENTEŞE KANAT<2200	INWARD İÇE AÇILIR	3	7	11	15
				OUTWARD DIŞA AÇILIR	3	6	9	12
			HINGE WITH THREADED PLATE KATLANIR MENTEŞESİ 3 HATTA 4 MENTEŞE 2200>KANAT<3000	INWARD İÇE AÇILIR	4	10	16	22
				OUTWARD DIŞA AÇILIR	4	9	14	19
			HINGE WITH THREADED PLATE KATLANIR MENTEŞESİ 3 HATTA 5 MENTEŞE 3000>KANAT<3500	INWARD İÇE AÇILIR	5	13	21	29
				OUTWARD DIŞA AÇILIR	5	12	19	26
AC77BF-311		PIECE / ADET	LOWER ROLLER (ONE WHELL) ALT KULMAN (TEK TEKERLİ)		-	-	-	-
AC77BF-312		PIECE / ADET	UPPER ROLLER (ONE WHELL) ÜST KULMAN (TEK TEKERLİ)		-	-	-	-
AC77BF-321		PIECE / ADET	LOWER ROLLER (TWO WHELL) ALT KULMAN (ÇİFT TEKERLİ)		-	1	2	3
AC77BF-322		PIECE / ADET	UPPER ROLLER (TWO WHELL) ÜST KULMAN (ÇİFT TEKERLİ)		-	1	2	3
AC77BF-401		PIECE / ADET	STAINLESS RAIL PASLANMAZ RAY (1,25 M)		(2*FL)/3,25			
AC77BF-411		PIECE / ADET	FRAME ADJUSTING PLATE KASA AYAR PARÇASI	77BF-401-18 When used / Kullanıldığında	(((FH-250)/200) + 1)			
AC77BF-412		PIECE / ADET	SETSKUR SETSKUR	77BF-401-18 When used Kullanıldığında	90° FRAME COMBINATION KASA BİRLEŞİMİ	(((FH-250)/200) + 1)		
AC77BF-413		PIECE / ADET	SETSKUR SETSKUR	77BF-401-18 When used Kullanıldığında	45° FRAME COMBINATION KASA BİRLEŞİMİ	(((FH-250)/200) + 1)		
AC77BF-431		SET / TAKIM	SASH HOLDER KANAT TUTUCU		-	1	1	1
EM77BF-511		SET / TAKIM	DROPPER CAP DAMLALIK KAPAĞI	OUTWARD DIŞA AÇILIR	1	1	1	1
EM77BF-C01		SET / TAKIM	EPDM CORNER INJECTION EPDM KÖŞE ENJEKSİYON		1	1	1	1
EM77BF-C02		SET / TAKIM	EPDM CORNER INJECTION EPDM KÖŞE ENJEKSİYON		-	2	4	6
EM77BF-23		SET / TAKIM	FRAME JOINT INSULATION PLASTIC KASA BİRLEŞİM İZOLASYON PLASTİĞİ	90° FRAME COMBINATION KASA BİRLEŞİMİ	1 Piece / Adet			
EM77BF-501A		SET / TAKIM	HORIZONTAL ADAPTOR PLASTIC CAP YATAY ADAPTÖR PLASTİK KAPAK		1	5	9	13
EM77BF-501B		SET / TAKIM	VERTICAL ADAPTOR PLASTIC CAP DÜŞEY ADAPTÖR PLASTİK KAPAK		-	-	-	-
EM77BF-502		SET / TAKIM	ADAPTOR PLASTIC CAP BİNİ ADAPTÖR PLASTİK KAPAK		-	-	-	-
EM77BF-91		PIECE / ADET	ROD GUIDE PLASTIC GİJON KILAVUZ PLASTİĞİ		6	12	18	24
EM77BF-G02		PIECE / ADET	SASH WEDGE KANAT CAM TAKOZU		4	12	20	28
EM77BF-22		PIECE / ADET	PVC CORNER ALIGNMENT PVC KÖŞE GÖMME		4	12	20	28
EM77BF-515		SET / TAKIM	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK TAKIMI	90° CORNER KÖŞE	1 Piece / Adet			
EM70LS-09		PIECE / ADET	DRANAIGE CAP TAHLİYE KAPAĞI		1	3	5	7
CC-103-18.3		PIECE / ADET	SASH / KANAT PRESS CORNER JOINT / PRES KÖŞE BAĞLANTI		8	24	40	56
KC-803-18.1		PIECE / ADET	SASH / KANAT MECHANICAL CORNER JOINT / MEKANİK KÖŞE BAĞLANTI					
CA77BF-103		SET / TAKIM	FRAME CORNER JOINT KASA KÖŞE BAĞLANTI	77BF-103-18 When used Kullanıldığında	1 Piece / Adet			
CA77BF-121		PIECE / ADET	FRAME CORNER JOINT KASA KÖŞE BAĞLANTI		2 Piece / Adet			

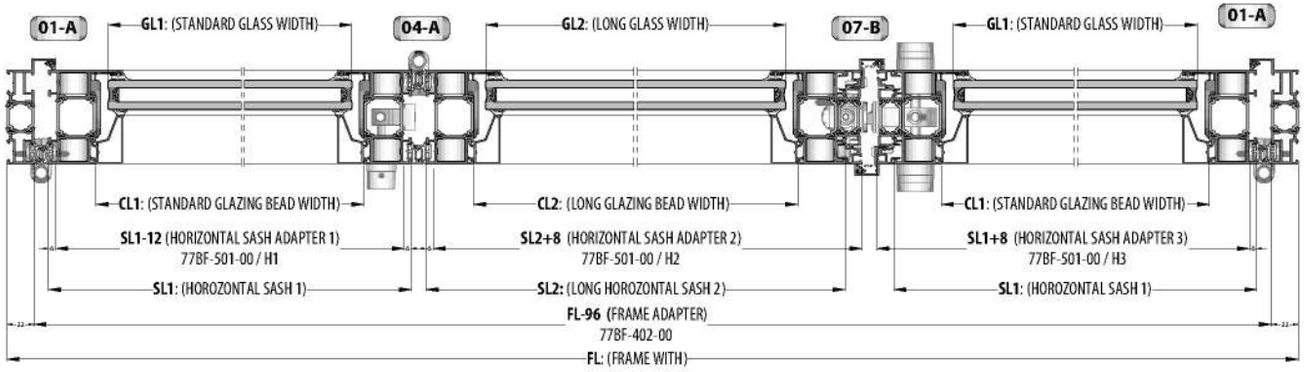
ACTIVE / AKTİF 1		ACTIVE / AKTİF 2	ACTIVE / AKTİF 3		ACTIVE / AKTİF 4	ACTIVE / AKTİF 5		ACTIVE / AKTİF 6	ACTIVE / AKTİF 7	
02-B	02-C	3A	02-B	02-C	3A	02-B	02-C	3A	02-B	02-C
-		1	1		2	2		3	3	
1		-	1		-	1		-	1	
-		1	1		2	2		3	3	
-		1	1		2	2		3	3	
1	-	-	1	-	-	1	-	-	1	-
-	1	-	-	1	-	-	1	-	-	1
-	1	-	-	1	-	-	1	-	-	1
-	1	-	1	1	-	1	1	-	1	1
1	1	1	2	2	2	3	3	3	4	4
1	1	1	2	2	2	3	3	3	4	4
1	1	-	1	1	-	1	1	-	1	1
-	-	-	-	2	-	-	2	-	-	2
2	3	-	2	3	-	2	3	-	2	3
3		6	7		10	11		14	15	
3		5	6		8	9		11	12	
4		8	10		14	16		20	22	
4		7	9		12	14		17	19	
5		10	13		18	21		26	29	
5		9	12		16	19		23	26	
-		1	-		1	-		1	-	
-		1	-		1	-		1	-	
-		-	1		1	2		2	3	
-		-	1		1	2		2	3	
(2*FL)/3,25										
(((FH-250)/200) + 1)										
(((FH-250)/200) + 1)										
(((FH-250)/200) + 1)										
-		-	1		-	1		-	1	
1		1	1		1	1		1	1	
1		1	1		1	1		1	1	
-		1	2		3	4		5	6	
1 Piece / Adet										
1		3	5		7	9		11	13	
1		1	1		1	1		1	1	
2		2	2		2	2		2	2	
6	6	6	12	12	12	18	18	18	24	24
4		8	12		16	20		24	28	
4		8	12		16	20		24	28	
-										
1		2	3		4	5		6	7	
8		16	24		32	40		48	56	
1 Piece / Adet										
-										

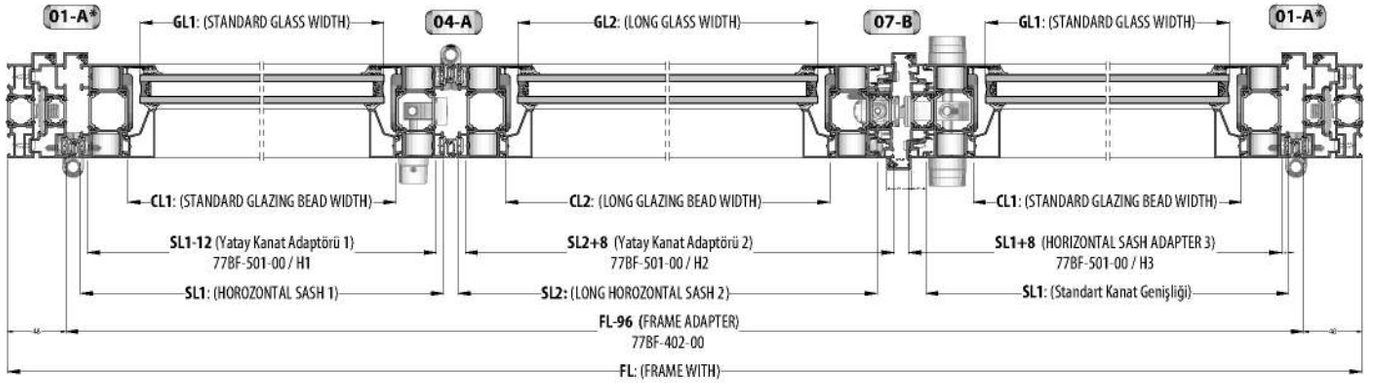
90°
CUTTING SIZE
KESİM ÖLÇÜLERİ

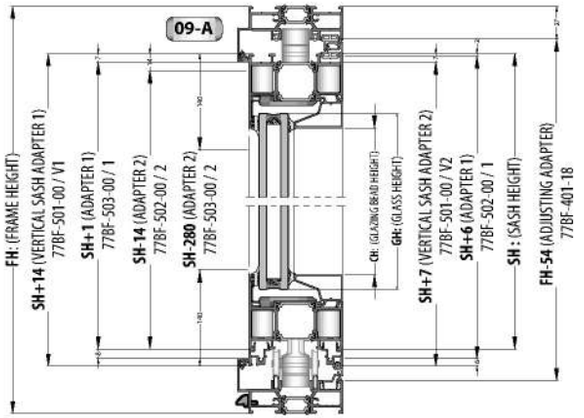
90° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

INWARD OPENING / İÇE AÇILIR

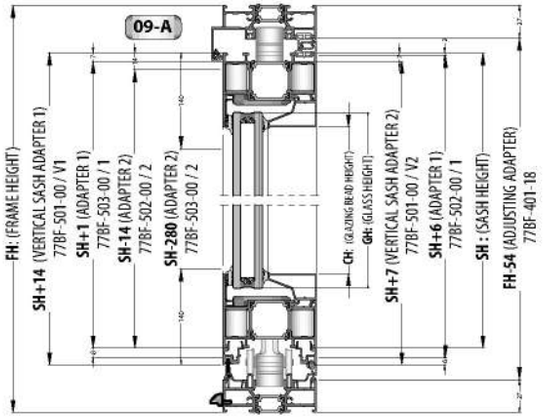




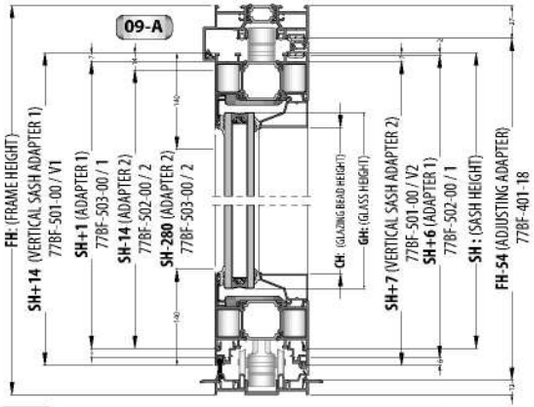




10-A **HORIZONTAL FRAME / YATAY KASA : 77BF-101-18**



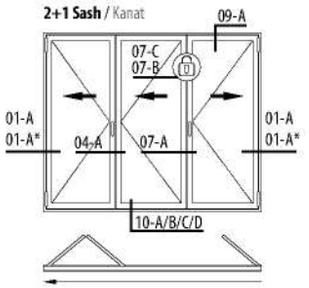
10-B **HORIZONTAL FRAME / YATAY KASA : 77BF-102-18**

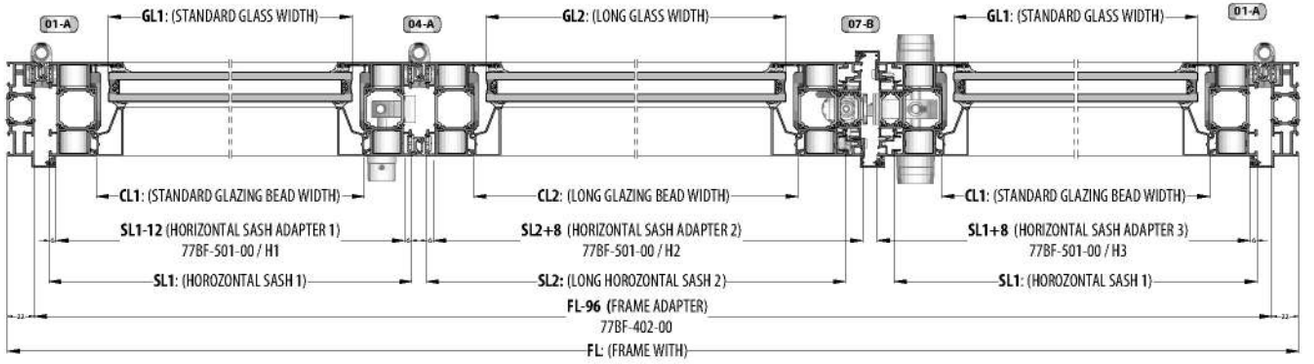


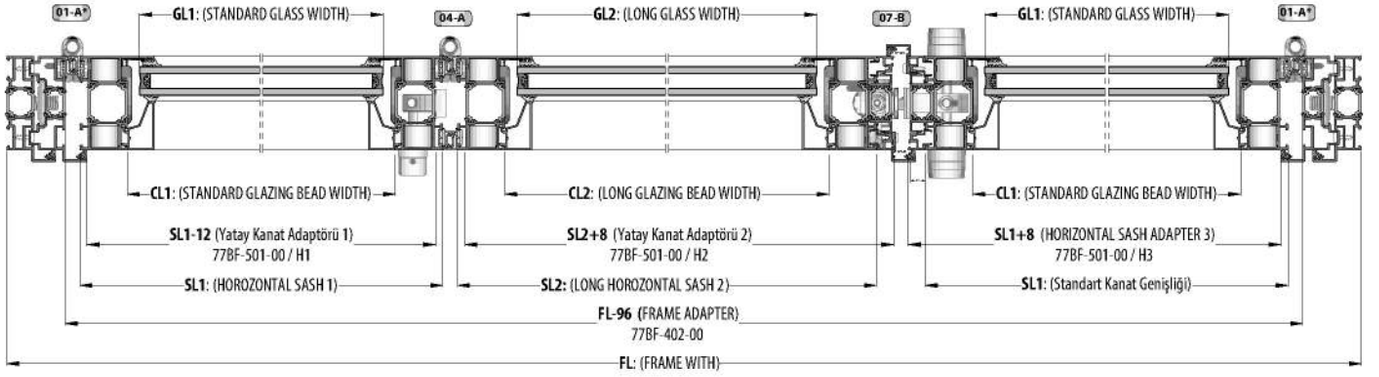
10-C **HORIZONTAL FRAME / YATAY KASA : 77BF-103-00**

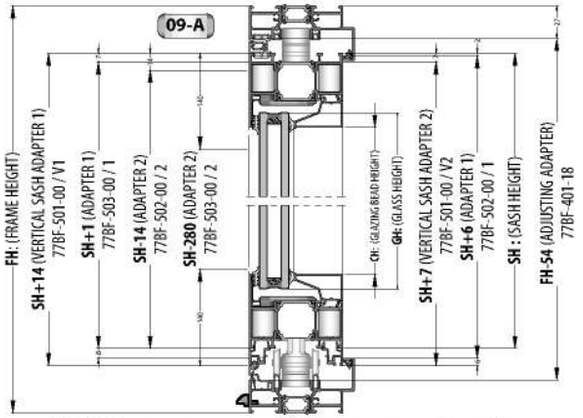
90° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

OUTWARD OPENING / DIŞA AÇILIR

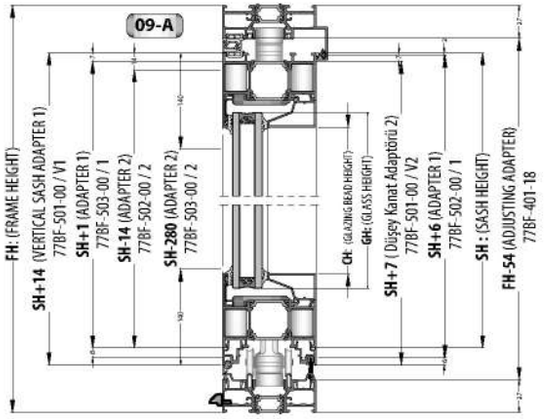




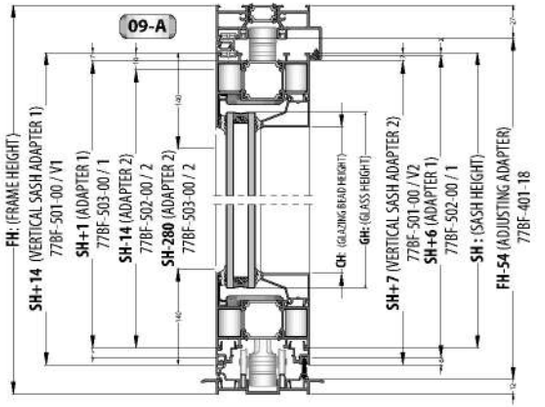




10-A HORIZONTAL FRAME / YATAY KASA : 77BF-101-18



10-B HORIZONTAL FRAME / YATAY KASA : 77BF-102-18



10-C HORIZONTAL FRAME / YATAY KASA : 77BF-103-00

90° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-202-18							
														GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey	
2 + 0	3A	77BF-111-18	77BF-101-18	1FL + 3FH	1FL + 3FH	FL	2FL+2FH	FH	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	1	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		1	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		2	CL1 = SL1-78			2	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			2	CL1 = SL1-78			2	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106	
			77BF-102-18				1FL+2FH					1FL																																									
			77BF-103-18																																																
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL+4FH					-																																								
			77BF-102-18				1FL+4FH					1FL																																									
			77BF-103-18																																																
2 + 1	7A	77BF-111-18	77BF-101-18	1FL + 4FH	1FL + 4FH	FL	2FL + 4FH	-	4 (CL1+CH1) + 2 (CL2 +CH2)	4 (CL1+CH1) + 2 (CL2 +CH2)	4 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	2	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		2	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		4	CL1 = SL1-78			4	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			4	CL1 = SL1-78			4	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106	
			77BF-102-18				1FL + 4FH					1FL																																									
			77BF-103-18																																																
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																																								
			77BF-102-18				1FL + 4FH					1FL																																									
			77BF-103-18																																																
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																								
			77BF-102-18				1FL + 6FH					1FL																																									
			77BF-103-18																																																
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																								
			77BF-102-18				1FL + 6FH					1FL																																									
			77BF-103-18																																																
3 + 0	2A	77BF-111-18	77BF-101-18	1FL + 5FH	1FL + 5FH	FL	2FL + 3FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	-	2 FL	3	GL1 = SL1-98	GH = SH-98		-	-	-		3	GL1 = SL1-88	GH = SH-88		-	-	-		6	CL1 = SL1-78			6	CH = SH-122			-	-	-		-	-	-		6	CL1 = SL1-78			6	CH = SH-106			-	-	-		-	-	-	
			77BF-102-18				1FL + 3FH					1FL																																									
			77BF-103-18																																																
	2B & 2C	77BF-111-18	77BF-101-18				2FL + 3FH					-																																								
			77BF-102-18				1FL + 3FH					1FL																																									
			77BF-103-18																																																
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																																								
			77BF-102-18				1FL + 5FH					1FL																																									
			77BF-103-18																																																
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																																								
			77BF-102-18				1FL + 5FH					1FL																																									
			77BF-103-18																																																
2 + 2	8A	77BF-111-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 3FH	FH	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	-	2 FL	2	GL1 = SL1-98	GH = SH-98		2	GL2 = SL2-98	GH = SH-98		2	GL1 = SL1-88	GH = SH-88		2	GL2 = SL2-88	GH = SH-88		4	CL1 = SL1-78			4	CH = SH-122			4	CL2 = SL2-78			4	CH = SH-122			4	CL1 = SL1-78			4	CH = SH-106			4	CL2 = SL2-78			4	CH = SH-106	
			77BF-102-18				1FL + 3FH					1FL																																									
			77BF-103-18				2FL + 5FH					-																																								
		77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 5FH					1FL																																									
			77BF-102-18																																																
			77BF-103-18																																																
3 + 1	6A	77BF-111-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 4FH	-	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	-	2 FL	4	GL1 = SL1-98	GH = SH-98		-	-	-		4	GL1 = SL1-88	GH = SH-88		-	-	-		8	CL1 = SL1-78			8	CH = SH-122			-	-	-		-	-	-		8	CL1 = SL1-78			8	CH = SH-106			-	-	-		-	-	-	
			77BF-102-18				1FL + 4FH					1FL																																									
			77BF-103-18																																																
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-																																								
			77BF-102-18				1FL + 4FH					1FL																																									
			77BF-103-18																																																
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																								
			77BF-102-18				1FL + 6FH					1FL																																									
			77BF-103-18																																																
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																								
			77BF-102-18				1FL + 6FH					1FL																																									
			77BF-103-18																																																

90° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
2 + 0	3A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44			2 90°	FH			2 45°	SL1 = ((FL-94)/2)-23	2 45°	SL2=SL1+51	4 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	2 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-	-	-
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-77																			
			77BF-103-18																SH = FH-92 SH = FH-77																			
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44							2 90°	FH-54						SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96																	
			77BF-102-18			1 90°	FL-44					2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																			
			77BF-103-18					1 90°	FL-44			2 90°	FH-39						SH = FH-92 SH = FH-77																			
2 + 1	7A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44			2 90°	FH			4 45°	SL1 = ((FL-106)/3)-15,3	2 45°	SL2=SL1+51	6 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	4 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-92 SH = FH-77																SH-10			
			77BF-103-18																SH = FH-92 SH = FH-92 SH = FH-77																SH-14			
	7B & 7C	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44								SL1 = ((FL-120)/3)-15,3				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	2 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-92 SH = FH-77																SH-14			
			77BF-103-18																SH = FH-92 SH = FH-92 SH = FH-77																SH-10			
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44							2 90°	FH-54		SL1 = ((FL-158)/3)-15,3				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96	4 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7				-	-	-	-	-
			77BF-102-18			1 90°	FL-44					2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																			
			77BF-103-18					1 90°	FL-44			2 90°	FH-39						SH = FH-92 SH = FH-77																			
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44					2 90°	FH-54		SL1 = ((FL-172)/3)-15,3				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96	2 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				-	-	-	-	-
			77BF-102-18					1 90°	FL-44			2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																			
			77BF-103-18									2 90°	FH-39						SH = FH-92 SH = FH-77																			
3 + 0	2A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44			2 90°	FH			6 45°	SL1 = (FL-92)/3	-	-	6 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	6 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	-	-	-	-	-	-
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-92 SH = FH-77																			
			77BF-103-18																SH = FH-92 SH = FH-92 SH = FH-77																			
	2B & 2C	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44								SL1 = (FL-106)/3				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	4 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7				-	-	1 90°	SH+1	-	-
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-92 SH = FH-77																			
			77BF-103-18																SH = FH-92 SH = FH-92 SH = FH-77																			
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44							2 90°	FH-54		SL1 = (FL-144)/3				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96	6 90°	SL1-12			-	-	-	-	-	-				-	-	-	-	-
			77BF-102-18			1 90°	FL-44					2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																			
			77BF-103-18					1 90°	FL-44			2 90°	FH-39						SH = FH-92 SH = FH-77																			
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44					2 90°	FH-54		SL1 = (FL-158)/3				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96	4 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7				1 90°	SH+1	-	-
			77BF-102-18					1 90°	FL-44			2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																			
			77BF-103-18									2 90°	FH-39						SH = FH-92 SH = FH-77																			
2 + 2	8A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44			2 90°	FH			4 45°	SL1 = ((FL-132)/4)-23	4 45°	SL2=SL1+51	8 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	4 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-92 SH = FH-77																SH-10			
			77BF-103-18																SH = FH-92 SH = FH-92 SH = FH-77																SH-14			
		77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44							2 90°	FH-54		SL1 = ((FL-184)/4)-23				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96														SH-10			
			77BF-102-18			1 90°	FL-44					2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																SH-14			
			77BF-103-18					1 90°	FL-44			2 90°	FH-39						SH = FH-92 SH = FH-77																SH-10			
3 + 1	6A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44			2 90°	FH			8 45°	SL1 = (FL-104)/4	-	-	8 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	8 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-92 SH = FH-77																SH-10			
			77BF-103-18																SH = FH-92 SH = FH-92 SH = FH-77																SH-14			
	6B & 6C	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44								SL1 = (FL-132)/4				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-44	4 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	2 90°	SH+1		
			77BF-102-18					1 90°	FL-44										SH = FH-92 SH = FH-92 SH = FH-77																SH-14			
			77BF-103-18																SH = FH-92 SH = FH-92 SH = FH-77																SH-10			
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44							2 90°	FH-54		SL1 = (FL-156)/4				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96	8 90°	SL1-12			-	-	-	-	-	-				-	-			
			77BF-102-18			1 90°	FL-44					2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																SH-14			
			77BF-103-18					1 90°	FL-44			2 90°	FH-39						SH = FH-92 SH = FH-77																SH-10			
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44					2 90°	FH-54		SL1 = (FL-184)/4				SH = FH-92 SH = FH-92 SH = FH-77	1 90° / 2 90°	FL-96	4 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14	2 90°	SH+1		
			77BF-102-18					1 90°	FL-44			2 90°	FH-27						SH = FH-92 SH = FH-92 SH = FH-77																SH-10			
			77BF-103-18									2 90°	FH-39						SH = FH-92 SH = FH-77																			

90° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-202-18							
														GL1				GL2				GL1				CL1		CH		CL2		CH		CL1		CH		CL2		CH	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	QUANTITY MİKTAR	FORMULA FORMÜL Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	QUANTITY MİKTAR	FORMULA FORMÜL Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	QUANTITY MİKTAR	FORMULA FORMÜL Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	QUANTITY MİKTAR	FORMULA FORMÜL Vertical / Düşey
4 + 0	3A	77BF-111-18	77BF-101-18	1FL + 7FH	1FL + 7FH	FL	2FL + 2FH	FH	6 (CL1+CH1) + 2 (CL2 +CH2)	6 (CL1+CH1) + 2 (CL2 +CH2)	6 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	3	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	3	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	6	CL1 = SL1-78	6	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	6	CL1 = SL1-78	6	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
			77BF-102-18				1FL + 2FH					1FL																											
			77BF-103-18				1FL + 2FH					-																											
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 4FH					1FL																											
			77BF-102-18				1FL + 4FH					-																											
			77BF-103-18				1FL + 4FH					1FL																											
3 + 2	7A	77BF-111-18	77BF-101-18	1FL + 8FH	1FL + 8FH	FL	2FL + 4FH	-	8 (CL1+CH1) + 2 (CL2 +CH2)	8 (CL1+CH1) + 2 (CL2 +CH2)	8 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	4	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	4	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	8	CL1 = SL1-78	8	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	8	CL1 = SL1-78	8	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
			77BF-102-18				1FL + 4FH					1FL																											
			77BF-103-18				1FL + 4FH					-																											
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					1FL																											
			77BF-102-18				1FL + 4FH					-																											
			77BF-103-18				1FL + 4FH					1FL																											
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																											
			77BF-103-18				1FL + 6FH					-																											
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					1FL																											
			77BF-102-18				1FL + 6FH					-																											
			77BF-103-18				1FL + 6FH					1FL																											
4 + 1	7A	77BF-111-18	77BF-101-18	1FL + 8FH	1FL + 8FH	FL	2FL + 4FH	-	8 (CL1+CH1) + 2 (CL2 +CH2)	8 (CL1+CH1) + 2 (CL2 +CH2)	8 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	4	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	4	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	8	CL1 = SL1-78	8	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	8	CL1 = SL1-78	8	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
			77BF-102-18				1FL + 4FH					1FL																											
			77BF-103-18				1FL + 4FH					-																											
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					1FL																											
			77BF-102-18				1FL + 4FH					-																											
			77BF-103-18				1FL + 4FH					1FL																											
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																											
			77BF-103-18				1FL + 6FH					-																											
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					1FL																											
			77BF-102-18				1FL + 6FH					-																											
			77BF-103-18				1FL + 6FH					1FL																											
5 + 0	2A	77BF-111-18	77BF-101-18	1FL + 9FH	1FL + 9FH	FL	2FL + 3FH	-	10 (CL1+CH1)	10 (CL1+CH1)	10 (CL1+CH1)	-	2 FL	5	GL1 = SL1-98	GH = SH-98	-	-	-	5	GL1 = SL1-88	GH = SH-88	-	-	-	10	CL1 = SL1-78	10	CH = SH-122	-	-	-	-	10	CL1 = SL1-78	10	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 3FH					1FL																											
			77BF-103-18				1FL + 3FH					-																											
	2B & 2C	77BF-111-18	77BF-101-18				2FL + 3FH					1FL																											
			77BF-102-18				1FL + 3FH					-																											
			77BF-103-18				1FL + 3FH					1FL																											
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																											
			77BF-102-18				1FL + 5FH					1FL																											
			77BF-103-18				1FL + 5FH					-																											
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					1FL																											
			77BF-102-18				1FL + 5FH					-																											
			77BF-103-18				1FL + 5FH					1FL																											
3 + 3	6A	77BF-111-18	77BF-101-18	1FL + 10FH	1FL + 10FH	FL	2FL + 4FH	-	12 (CL1+CH1)	12 (CL1+CH1)	12 (CL1+CH1)	-	2 FL	6	GL1 = SL1-98	GH = SH-98	-	-	-	6	GL1 = SL1-88	GH = SH-88	-	-	-	12	CL1 = SL1-78	12	CH = SH-122	-	-	-	-	12	CL1 = SL1-78	12	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 4FH					1FL																											
			77BF-103-18				1FL + 4FH					-																											
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					1FL																											
			77BF-102-18				1FL + 4FH					-																											
			77BF-103-18				1FL + 4FH					1FL																											
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																											
			77BF-103-18				1FL + 6FH					-																											
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					1FL																											
			77BF-102-18				1FL + 6FH					-																											
			77BF-103-18				1FL + 6FH					1FL																											

90° CUTTING SIZE
KESİM ÖLÇÜLERİ

OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
				QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
4 + 0	3A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			6 45°	SL1 = ((FL-118)/4)-11,5	2 45°	SL2=SL1+51	8 45°	SH = FH-92	1 90°	FL-44	6 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-	-	-
			77BF-102-18	1 90°				1 90°											SH = FH-92	2 90°																		
			77BF-103-18	1 90°															SH = FH-77	1 90°																		
		77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°											SL1 = ((FL-170)/4)-11,5				SH = FH-92	2 90°	FL-96																
			77BF-102-18	1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	2 90°																		
			77BF-103-18	1 90°									FH-27						SH = FH-77	1 90°																		
													FH-39																									
3 + 2	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			8 45°	SL1 = ((FL-130)/5)-9,2	2 45°	SL2=SL1+51	10 45°	SH = FH-92	1 90°	FL-44	8 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°				1 90°											SH = FH-92	2 90°																SH-10		
			77BF-103-18	1 90°															SH = FH-77	1 90°																SH-14		
	7B & 7C	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54		SL1 = ((FL-144)/5)-9,2				SH = FH-92	2 90°	FL-44	6 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7			1 90°	SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																SH-14		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																SH-10		
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = ((FL-182)/5)-9,2				SH = FH-92	2 90°	FL-96	8 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7				SH-14	-	-	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																SH-10		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																SH-14		
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = ((FL-196)/5)-9,2				SH = FH-92	2 90°	FL-96	6 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																SH-14		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																SH-10		
4 + 1	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			8 45°	SL1 = ((FL-130)/5)-9,2	2 45°	SL2=SL1+51	10 45°	SH = FH-92	1 90°	FL-44	8 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°				1 90°											SH = FH-92	2 90°																SH-10		
			77BF-103-18	1 90°															SH = FH-77	1 90°																SH-14		
	7B & 7C	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54		SL1 = ((FL-144)/5)-9,2				SH = FH-92	2 90°	FL-44	6 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																SH-14		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																SH-10		
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = ((FL-182)/5)-9,2				SH = FH-92	2 90°	FL-96	8 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7				SH-14	-	-	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																SH-10		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																SH-14		
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = ((FL-196)/5)-9,2				SH = FH-92	2 90°	FL-96	6 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																SH-14		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																SH-10		
5 + 0	2A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			10 45°	SL1 = (FL-116)/5	-	-	10 45°	SH = FH-92	1 90°	FL-44	10 90°	SL1-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			77BF-102-18	1 90°				1 90°											SH = FH-92	2 90°																		
			77BF-103-18	1 90°															SH = FH-77	1 90°																		
	2B & 2C	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54		SL1 = (FL-130)/5				SH = FH-92	2 90°	FL-44	8 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7					1 90°	SH+1	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																		
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = (FL-168)/5				SH = FH-92	2 90°	FL-96	10 90°	SL1-12			-	-	-	-	-	-					-	-	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																		
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = (FL-182)/5				SH = FH-92	2 90°	FL-96	8 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7					1 90°	SH+1	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																		
3 + 3	6A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			12 45°	SL1 = (FL-128)/6	-	-	12 45°	SH = FH-92	1 90°	FL-44	12 90°	SL1-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			77BF-102-18	1 90°				1 90°											SH = FH-92	2 90°																		
			77BF-103-18	1 90°															SH = FH-77	1 90°																		
	6B & 6C	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54		SL1 = (FL-156)/6				SH = FH-92	2 90°	FL-44	8 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																		
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = (FL-180)/6				SH = FH-92	2 90°	FL-96	12 90°	SL1-12			-	-	-	-	-	-					-	-	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																		
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44				FH-54		SL1 = (FL-208)/6				SH = FH-92	2 90°	FL-96	8 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1	-	-
			77BF-102-18	1 90°				1 90°					FH-27						SH = FH-92	2 90°																		
			77BF-103-18	1 90°									FH-39						SH = FH-77	1 90°																		

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-202-18							
														GL1				GL2				GL1				CL1		CH		CL2		CH		CL1		CH		CL2		CH	
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey
4 + 2	8A	77BF-111-18	77BF-101-18	1FL + 10FH	1FL + 10FH	FL	2FL + 3FH	FH	8 (CL1+CH1) + 4 (CL2 +CH2)	8 (CL1+CH1) + 4 (CL2 +CH2)	8 (CL1+CH1) + 4 (CL2 +CH2)	-	2 FL	4	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	4	GL1 = SL1-88	GH = SH-88	2	GL2 = SL2-88	GH = SH-88	8	CL1 = SL1-78	8	CH = SH-122	4	CL2 = SL2-78	4	CH = SH-122	8	CL1 = SL1-78	8	CH = SH-106	4	CL2 = SL2-78	4	CH = SH-106
			77BF-102-18				1FL + 3FH					1FL																											
			77BF-103-18																																				
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																											
			77BF-102-18				1FL + 5FH					1FL																												
			77BF-103-18																																				
5 + 1	6A	77BF-111-18	77BF-101-18	1FL + 10FH	1FL + 10FH	FL	2FL + 4FH	-	12 (CL1+CH1)	12 (CL1+CH1)	12 (CL1+CH1)	-	2 FL	6	GL1 = SL1-98	GH = SH-98	-	-	-	6	GL1 = SL1-88	GH = SH-88	-	-	-	12	CL1 = SL1-78	12	CH = SH-122	-	-	-	-	12	CL1 = SL1-78	12	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-																											
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
6 + 0	3A	77BF-111-18	77BF-101-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH	FH	10 (CL1+CH1) + 2 (CL2 +CH2)	10 (CL1+CH1) + 2 (CL2 +CH2)	10 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	5	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	5	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	10	CL1 = SL1-78	10	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	10	CL1 = SL1-78	10	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
			77BF-102-18				1FL + 2FH					1FL																												
			77BF-103-18																																				
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 4FH					-																											
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
4 + 3	7A	77BF-111-18	77BF-101-18	1FL + 12FH	1FL + 12FH	FL	2FL + 4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	6	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	6	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	12	CL1 = SL1-78	12	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																											
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
5 + 2	7A	77BF-111-18	77BF-101-18	1FL + 12FH	1FL + 12FH	FL	2FL + 4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	6	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	6	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	12	CL1 = SL1-78	12	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																											
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																											
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE
KESİM ÖLÇÜLERİ

OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
				QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
4 + 2	8A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			8 45°	SL1 = ((FL-156)/6)-15,3	4 45°	SL2=SL1+51	12 45°	SH = FH-92	1 90° / 2 90°	FL-44	8 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18												SL1 = ((FL-208)/6)-15,3				SH = FH-77														SH-10				
		77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96													2 90°	SH-14				
			77BF-102-18										FH-27						SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77														SH-14				
																																			SH-10		
5 + 1	6A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			12 45°	SL1 = (FL-128)/6	-	-	12 45°	SH = FH-92	1 90° / 2 90°	FL-44	12 90°	SL1-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			77BF-102-18																SH = FH-92														SH-10				
			77BF-103-18																SH = FH-77														SH-14				
	6B & 6C	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44						SL1 = (FL-156)/6				SH = FH-92	1 90° / 2 90°	FL-44	8 90°	SL1-12	4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7			1 90°	SH+6		SH-10	2 90°	SH+1		
			77BF-102-18																SH = FH-92														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77														SH-10				
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96	12 90°	SL1-12	-	-	-	-	-	-						SH-14				
			77BF-102-18										FH-27		SL1 = (FL-180)/6				SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77														SH-14				
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96	8 90°	SL1-12	4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7						SH-10				
			77BF-102-18										FH-27		SL1 = (FL-208)/6				SH = FH-92														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77														SH-10				
6 + 0	3A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			10 45°	SL1 = ((FL-142)/6)-7,6	2 45°	SL2=SL1+51	12 45°	SH = FH-92	1 90° / 2 90°	FL-44	10 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-	-	-
			77BF-102-18																SH = FH-92																			
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77																			
		77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96																	
			77BF-102-18										FH-27		SL1 = ((FL-194)/6)-7,6				SH = FH-92																			
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77																			
4 + 3	7A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			12 45°	SL1 = ((FL-154)/7)-6,6	2 45°	SL2=SL1+51	14 45°	SH = FH-92	1 90° / 2 90°	FL-44	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18																SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77														SH-14				
	7B & 7C	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44						SL1 = ((FL-168)/7)-6,6				SH = FH-92	1 90° / 2 90°	FL-44	10 90°	SL1-12	2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7						SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18																SH = FH-92														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77														SH-10				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96	12 90°	SL1-12	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7						SH-14				
			77BF-102-18										FH-27		SL1 = ((FL-206)/7)-6,6				SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77														SH-14				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96	10 90°	SL1-12	2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7						SH-14	1 90°	SH+1	1 90°	SH-280
			77BF-102-18										FH-27		SL1 = ((FL-220)/7)-6,6				SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77																			
5 + 2	7A	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			12 45°	SL1 = ((FL-154)/7)-6,6	2 45°	SL2=SL1+51	14 45°	SH = FH-92	1 90° / 2 90°	FL-44	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18																SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77														SH-14				
	7B & 7C	77BF-111-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44						SL1 = ((FL-168)/7)-6,6				SH = FH-92	1 90° / 2 90°	FL-44	10 90°	SL1-12	2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7						SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18																SH = FH-92														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77														SH-10				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96	12 90°	SL1-12	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7						SH-14				
			77BF-102-18										FH-27		SL1 = ((FL-206)/7)-6,6				SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77														SH-14				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° / 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54						SH = FH-92	1 90° / 2 90°	FL-96	10 90°	SL1-12	2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7						SH-14	1 90°	SH+1	1 90°	SH-280
			77BF-102-18										FH-27		SL1 = ((FL-220)/7)-6,6				SH = FH-92														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77																			

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ

OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	GL1 QUANTITY	GL1 FORMULA	GL1 Horizontal / Yatay FORMÜL	GL1 Vertical / Düşey FORMÜL	GL2 QUANTITY	GL2 FORMULA	GL2 Horizontal / Yatay FORMÜL	GL2 Vertical / Düşey FORMÜL	GL1 QUANTITY	GL1 FORMULA	GL1 Horizontal / Yatay FORMÜL	GL1 Vertical / Düşey FORMÜL	GL2 QUANTITY	GL2 FORMULA	GL2 Horizontal / Yatay FORMÜL	GL2 Vertical / Düşey FORMÜL	CL1 QUANTITY	CL1 FORMULA	CL1 Horizontal / Yatay FORMÜL	CH QUANTITY	CH FORMULA	CH Vertical / Düşey FORMÜL	CL2 QUANTITY	CL2 FORMULA	CL2 Horizontal / Yatay FORMÜL	CH QUANTITY	CH FORMULA	CH Vertical / Düşey FORMÜL	CL1 QUANTITY	CL1 FORMULA	CL1 Horizontal / Yatay FORMÜL	CH QUANTITY	CH FORMULA	CH Vertical / Düşey FORMÜL	CL2 QUANTITY	CL2 FORMULA	CL2 Horizontal / Yatay FORMÜL	CH QUANTITY	CH FORMULA	CH Vertical / Düşey FORMÜL
6 + 1	7A	77BF-111-18	77BF-101-18	1FL + 12FH	1FL + 12FH	FL	2FL + 4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	6	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		6	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		12	CL1 = SL1-78		12	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		12	CL1 = SL1-78		12	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
			77BF-102-18									1FL																																					
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																																					
			77BF-102-18				1FL + 4FH					1FL																																					
			77BF-103-18																																													
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																					
			77BF-102-18				1FL + 6FH					1FL																																					
			77BF-103-18																																													
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																					
			77BF-102-18				1FL + 6FH					1FL																																					
			77BF-103-18																																													
7 + 0	2A	77BF-111-18	77BF-101-18	1FL + 13FH	1FL + 13FH	FL	2FL + 3FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	-	2 FL	7	GL1 = SL1-98	GH = SH-98		-	-	-		7	GL1 = SL1-88	GH = SH-88		-	-	-		14	CL1 = SL1-78		14	CH = SH-122		-	-		-			-	-		-	-		-	-		-	-	
			77BF-102-18				1FL + 3FH					1FL																																					
			77BF-103-18																																													
	2B & 2C	77BF-111-18	77BF-101-18				2FL + 3FH					-																																					
			77BF-102-18				1FL + 3FH					1FL																																					
			77BF-103-18																																													
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																																					
			77BF-102-18				1FL + 5FH					1FL																																					
			77BF-103-18																																													
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																																					
			77BF-102-18				1FL + 5FH					1FL																																					
			77BF-103-18																																													
4 + 4	8A	77BF-111-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 3FH	FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	-	2 FL	6	GL1 = SL1-98	GH = SH-98		2	GL2 = SL2-98	GH = SH-98		6	GL1 = SL1-88	GH = SH-88		2	GL2 = SL2-88	GH = SH-88		12	CL1 = SL1-78		12	CH = SH-122		4	CL2 = SL2-78		4	CH = SH-122		12	CL1 = SL1-78		12	CH = SH-106		4	CL2 = SL2-78		4	CH = SH-106	
			77BF-102-18				1FL + 3FH					1FL																																					
			77BF-103-18																																													
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																																					
			77BF-102-18				1FL + 5FH					1FL																																					
			77BF-103-18																																													
5 + 3	6A	77BF-111-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 4FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	-	2 FL	8	GL1 = SL1-98	GH = SH-98		-	-	-		8	GL1 = SL1-88	GH = SH-88		-	-	-		16	CL1 = SL1-78		16	CH = SH-122		-	-		-			-	-		-	-		-	-		-	-	
			77BF-102-18				1FL + 4FH					1FL																																					
			77BF-103-18																																													
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-																																					
			77BF-102-18				1FL + 4FH					1FL																																					
			77BF-103-18																																													
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																					
			77BF-102-18				1FL + 6FH					1FL																																					
			77BF-103-18																																													
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																																					
			77BF-102-18				1FL + 6FH					1FL																																					
			77BF-103-18																																													

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
6 + 1	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH			12 45°	SL1 = ((FL-154)/7)-6,6	2 45°	SL2=SL1+51	14 45°	SH = FH-92	1 90°	FL-44	12 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°				1 90°	FL-44						SL1 = ((FL-168)/7)-6,6				SH = FH-92	2 90°		10 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10				
			77BF-103-18	1 90°		1 90°	FL-44												SH = FH-77	2 90°														SH-14				
	7B & 7C	77BF-111-18	77BF-101-18	2 90°	FL-44														SH = FH-92	1 90°	FL-44													SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44								SL1 = ((FL-206)/7)-6,6				SH = FH-92	2 90°		10 90°	SL1-12			-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77	2 90°														SH-10				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54						SH = FH-92	1 90°	FL-96													SH-14				
			77BF-102-18	1 90°		1 90°	FL-44						FH-27		SL1 = ((FL-206)/7)-6,6				SH = FH-92	2 90°		12 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7				SH-10				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77	2 90°														SH-14				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54						SH = FH-92	1 90°	FL-96													SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44						FH-27		SL1 = ((FL-220)/7)-6,6				SH = FH-92	2 90°		10 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14				
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77	2 90°														SH-10				
7 + 0	2A	77BF-111-18	77BF-101-18	2 90°	FL-44										SL1 = (FL-140)/7				SH = FH-92	1 90°	FL-44																	
			77BF-102-18	1 90°		1 90°	FL-44												SH = FH-92	2 90°		14 90°	SL1-12			-	-	-	-	-	-								
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77	2 90°																		
	2B & 2C	77BF-111-18	77BF-101-18	2 90°	FL-44										SL1 = (FL-154)/7				SH = FH-92	1 90°	FL-44																	
			77BF-102-18	1 90°		1 90°	FL-44												SH = FH-92	2 90°		12 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7								
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77	2 90°																		
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54						SH = FH-92	1 90°	FL-96																	
			77BF-102-18	1 90°		1 90°	FL-44						FH-27		SL1 = (FL-192)/7				SH = FH-92	2 90°		14 90°	SL1-12			-	-	-	-	-	-								
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77	2 90°																		
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54						SH = FH-92	1 90°	FL-96																	
			77BF-102-18	1 90°		1 90°	FL-44						FH-27		SL1 = (FL-206)/7				SH = FH-92	2 90°		12 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7								
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77	2 90°																		
4 + 4	8A	77BF-111-18	77BF-101-18	2 90°	FL-44									12 45°	SL1 = ((FL-180)/8)-11,5	4 45°	SL2=SL1+51	16 45°	SH = FH-92	1 90°	FL-44	12 90°	SL1-12											SH-14				
			77BF-102-18	1 90°		1 90°	FL-44												SH = FH-92	2 90°													SH-10				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77	2 90°													SH-14				
		77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44					2 90°	FH								SH = FH-92	1 90°	FL-96			4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-10	-	-	-	-
			77BF-102-18	1 90°		1 90°	FL-44					2 90°	FH-54	12 45°	SL1 = ((FL-232)/8)-11,5				SH = FH-92	2 90°														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44				FH-27						SH = FH-77	2 90°														SH-10				
													FH-39																								
5 + 3	6A	77BF-111-18	77BF-101-18	2 90°	FL-44									16 45°	SL1 = (FL-152)/8			16 45°	SH = FH-92	1 90°	FL-44	16 90°	SL1-12			-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-		
			77BF-102-18	1 90°		1 90°	FL-44												SH = FH-92	2 90°														SH-10				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77	2 90°														SH-14				
	6B & 6C	77BF-111-18	77BF-101-18	2 90°	FL-44										SL1 = (FL-180)/8				SH = FH-92	1 90°		12 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10				
			77BF-102-18	1 90°		1 90°	FL-44												SH = FH-92	2 90°	FL-44													SH-14				
			77BF-103-18	1 90°				1 90°	FL-44										SH = FH-77	2 90°														SH-10				
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44					2 90°	FH		FH-54						SH = FH-92	1 90°																		
			77BF-102-18	1 90°		1 90°	FL-44					2 90°	FH-27		SL1 = (FL-204)/8				SH = FH-92	2 90°		16 90°	SL1-12			-	-	-	-	-	-								
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77	2 90°																		
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54						SH = FH-92	1 90°																		
			77BF-102-18	1 90°		1 90°	FL-44						FH-27		SL1 = (FL-232)/8				SH = FH-92	2 90°	FL-96	12 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7								
			77BF-103-18	1 90°				1 90°	FL-44				FH-39						SH = FH-77	2 90°																		

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-202-18							
														GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY / MİKTAR	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey
6 + 2	8A	77BF-111-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 3FH	FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	-	2 FL	6	GL1 = SL1-98		GH = SH-98	2	GL2 = SL2-98		GH = SH-98	6	GL1 = SL1-88		GH = SH-88	2	GL2 = SL2-88		GH = SH-88	12	CL1 = SL1-78			12	CH = SH-122			4	CL2 = SL2-78			4	CH = SH-122			12	CL1 = SL1-78			12	CH = SH-106			4	CL2 = SL2-78			4	CH = SH-106		
			77BF-102-18				1FL + 3FH					1FL																												
			77BF-103-18																																					
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																												
			77BF-102-18																																					
			77BF-103-18				1FL + 5FH					1FL																												
7 + 1	6A	77BF-111-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 4FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	-	2 FL	8	GL1 = SL1-98		GH = SH-98	-				8	GL1 = SL1-88		GH = SH-88	-				16	CL1 = SL1-78			16	CH = SH-122			-				-				16	CL1 = SL1-78			16	CH = SH-106			-				-			
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					
5 + 4	7A	77BF-111-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	-	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	8	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	8	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	16	CL1 = SL1-78			16	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			16	CL1 = SL1-78			16	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					
6 + 3	7A	77BF-111-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	-	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	8	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	8	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	16	CL1 = SL1-78			16	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			16	CL1 = SL1-78			16	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					
7 + 2	7A	77BF-111-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	-	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	8	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	8	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	16	CL1 = SL1-78			16	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			16	CL1 = SL1-78			16	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																					
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																					

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ

OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
				QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
6 + 2	8A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			12 45°	SL1 = ((FL-180)/8)-11,5	4 45°	SL2=SL1+51	16 45°	SH = FH-92	1 90°	FL-44	12 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°														SH = FH-92		2 90°														SH-10				
			77BF-103-18	1 90°														SH = FH-77																SH-14				
		77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54					SH = FH-92		1 90°	FL-44													SH-10				
			77BF-102-18	1 90°		1 90°	FL-44	1 90°	FL-44									SH = FH-92		2 90°														SH-14				
			77BF-103-18	1 90°								2 90°	FH-27					SH = FH-92																SH-10				
													FH-39					SH = FH-77																			
7 + 1	6A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			16 45°	SL1 = (FL-152)/8	-	-	16 45°	SH = FH-92	1 90°	FL-44	16 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°														SH = FH-92		2 90°														SH-10				
			77BF-103-18	1 90°														SH = FH-77																SH-14				
	6B & 6C	77BF-111-18	77BF-101-18	2 90°	FL-44										SL1 = (FL-180)/8			SH = FH-92		1 90°	FL-44	12 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7			1 90°	SH-10	2 90°	SH+1		
			77BF-102-18	1 90°		1 90°	FL-44	1 90°	FL-44									SH = FH-92		2 90°														SH-14				
			77BF-103-18	1 90°														SH = FH-77																SH-10				
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = (FL-204)/8			SH = FH-92		1 90°	FL-96	16 90°	SL1-12	-	-	-	-	-	-	-	-								
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = (FL-232)/8			SH = FH-92		1 90°	FL-96	12 90°	SL1-12	4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				
5 + 4	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			16 45°	SL1 = ((FL-178)/9)-5,1	2 45°	SL2=SL1+51	18 45°	SH = FH-92	1 90°	FL-44	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°														SH = FH-92		2 90°														SH-10				
			77BF-103-18	1 90°														SH = FH-77																SH-14				
	7B & 7C	77BF-111-18	77BF-101-18	2 90°	FL-44										SL1 = ((FL-192)/9)-5,1			SH = FH-92		1 90°	FL-44	14 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44											SH = FH-92		2 90°														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44									SH = FH-77																SH-10				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = ((FL-230)/9)-5,1			SH = FH-92		1 90°	FL-96	16 90°	SL1-12	-	-	-	-	-	-	-	-					-	-	-	-
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = ((FL-244)/9)-5,1			SH = FH-92		1 90°	FL-96	14 90°	SL1-12	2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				
6 + 3	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			16 45°	SL1 = ((FL-178)/9)-5,1	2 45°	SL2=SL1+51	18 45°	SH = FH-92	1 90°	FL-44	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°														SH = FH-92		2 90°														SH-10				
			77BF-103-18	1 90°														SH = FH-77																SH-14				
	7B & 7C	77BF-111-18	77BF-101-18	2 90°	FL-44										SL1 = ((FL-192)/9)-5,1			SH = FH-92		1 90°	FL-44	14 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44											SH = FH-92		2 90°														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44									SH = FH-77																SH-10				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = ((FL-230)/9)-5,1			SH = FH-92		1 90°	FL-96	16 90°	SL1-12	-	-	-	-	-	-	-	-					-	-	-	-
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = ((FL-244)/9)-5,1			SH = FH-92		1 90°	FL-96	14 90°	SL1-12	2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				
7 + 2	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			16 45°	SL1 = ((FL-178)/9)-5,1	2 45°	SL2=SL1+51	18 45°	SH = FH-92	1 90°	FL-44	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°														SH = FH-92		2 90°														SH-10				
			77BF-103-18	1 90°														SH = FH-77																SH-14				
	7B & 7C	77BF-111-18	77BF-101-18	2 90°	FL-44										SL1 = ((FL-192)/9)-5,1			SH = FH-92		1 90°	FL-44	14 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44											SH = FH-92		2 90°														SH-14				
			77BF-103-18	1 90°				1 90°	FL-44									SH = FH-77																SH-10				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = ((FL-230)/9)-5,1			SH = FH-92		1 90°	FL-96	16 90°	SL1-12	-	-	-	-	-	-	-	-					-	-	-	-
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44							2 90°	FH-54		SL1 = ((FL-244)/9)-5,1			SH = FH-92		1 90°	FL-96	14 90°	SL1-12	2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°		1 90°	FL-44						FH-27					SH = FH-92		2 90°																		
			77BF-103-18	1 90°				1 90°	FL-44				FH-39					SH = FH-77																				

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-202-18							
														GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey
5 + 5	6A	77BF-111-18	77BF-101-18	1FL + 18FH	1FL + 18FH	FL	2FL + 4FH	-	20 (CL1+CH1)	20 (CL1+CH1)	20 (CL1+CH1)	-	2 FL	10	GL1 = SL1-98	GH = SH-98	-	-	-	10	GL1 = SL1-88	GH = SH-88	-	-	-	20	CL1 = SL1-78		20	CH = SH-122		-	-		20	CL1 = SL1-78		20	CH = SH-106		-	-		-	-	
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
7 + 3	6A	77BF-111-18	77BF-101-18	1FL + 18FH	1FL + 18FH	FL	2FL + 4FH	-	20 (CL1+CH1)	20 (CL1+CH1)	20 (CL1+CH1)	-	2 FL	10	GL1 = SL1-98	GH = SH-98	-	-	-	10	GL1 = SL1-88	GH = SH-88	-	-	-	20	CL1 = SL1-78		20	CH = SH-122		-	-		20	CL1 = SL1-78		20	CH = SH-106		-	-		-	-	
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
6 + 4	8A	77BF-111-18	77BF-101-18	1FL + 18FH	1FL + 18FH	FL	2FL + 3FH	FH	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	-	2 FL	8	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	8	GL1 = SL1-88	GH = SH-88	2	GL2 = SL2-88	GH = SH-88	16	CL1 = SL1-78		16	CH = SH-122		4	CL2 = SL2-78		4	CH = SH-122		16	CL1 = SL1-78		16	CH = SH-106		4	CL2 = SL2-78		4	CH = SH-106	
			77BF-102-18				1FL + 3FH					1FL																												
			77BF-103-18																																				
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-																												
			77BF-102-18				1FL + 5FH					1FL																												
			77BF-103-18																																				
6 + 5	7A	77BF-111-18	77BF-101-18	1FL + 20FH	1FL + 20FH	FL	2FL + 4FH	-	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	10	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	10	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	20	CL1 = SL1-78		20	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		20	CL1 = SL1-78		20	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
7 + 4	7A	77BF-111-18	77BF-101-18	1FL + 20FH	1FL + 20FH	FL	2FL + 4FH	-	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	10	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	10	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	20	CL1 = SL1-78		20	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		20	CL1 = SL1-78		20	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-																												
			77BF-102-18				1FL + 4FH					1FL																												
			77BF-103-18																																				
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-																												
			77BF-102-18				1FL + 6FH					1FL																												
			77BF-103-18																																				

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ

OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
				QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
5 + 5	6A	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			20 45°	SL1 = (FL-176)/10	-	-	20 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	20 90°	SL1-12	-	-	-	-	4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10	-	-	-	-
			77BF-102-18	2 90° 1 90°				1 90°							SL1 = (FL-204)/10				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	16 90°	SL1-12													SH-14 SH-10	2 90°	SH+1		
			77BF-103-18	1 90°		1 90°		1 90°							SL1 = (FL-228)/10				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	20 90°	SL1-12													SH-14 SH-10	-	-		
	6B & 6C	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44										SL1 = (FL-256)/10				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	16 90°	SL1-12													SH-14 SH-10	2 90°	SH+1		
			77BF-102-18	2 90° 1 90°																																					
			77BF-103-18	1 90°																																					
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54																												
			77BF-102-18	1 90°									FH-27																												
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44				FH-39																												
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44							2 90°	FH-54																												
			77BF-102-18	2 90° 1 90°		1 90°	FL-44	1 90°	FL-44				FH-27																												
			77BF-103-18	1 90°									FH-39																												
7 + 3	6A	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			20 45°	SL1 = (FL-176)/10	-	-	20 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	20 90°	SL1-12	-	-	-	-	4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10	-	-	-	-
			77BF-102-18	2 90° 1 90°				1 90°							SL1 = (FL-204)/10				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	16 90°	SL1-12													SH-14 SH-10	2 90°	SH+1		
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44						SL1 = (FL-228)/10				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	20 90°	SL1-12													SH-14 SH-10	-	-		
	6B & 6C	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44										SL1 = (FL-256)/10				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	16 90°	SL1-12													SH-14 SH-10	2 90°	SH+1		
			77BF-102-18	2 90° 1 90°																																					
			77BF-103-18	1 90°																																					
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54																												
			77BF-102-18	1 90°									FH-27																												
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44				FH-39																												
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44							2 90°	FH-54																												
			77BF-102-18	2 90° 1 90°		1 90°	FL-44	1 90°	FL-44				FH-27																												
			77BF-103-18	1 90°									FH-39																												
6 + 4	8A	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			16 45°	SL1 = ((FL-204)/10)-9,2	4 45°	SL2=SL1+51	20 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	16 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10	-	-	-	-
			77BF-102-18	2 90° 1 90°				1 90°											SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	20 90°	SL1-12													SH-14 SH-10				
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44						SL1 = ((FL-256)/10)-9,2				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	16 90°	SL1-12													SH-14 SH-10				
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44							2 90°	FH-54																												
			77BF-102-18	2 90° 1 90°		1 90°	FL-44	1 90°	FL-44				FH-27																												
			77BF-103-18	1 90°									FH-39																												
6 + 5	7A	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			20 45°	SL1 = ((FL-202)/11)-4,1	2 45°	SL2=SL1+51	22 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	20 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10	-	-	-	-
			77BF-102-18	2 90° 1 90°				1 90°							SL1 = ((FL-216)/11)-4,1				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	18 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14 SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44						SL1 = ((FL-254)/11)-4,1				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	20 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7				SH-14 SH-10	-	-	-	-
	7B & 7C	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44										SL1 = ((FL-268)/11)-4,1				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	18 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14 SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	2 90° 1 90°		1 90°	FL-44	1 90°	FL-44																															
			77BF-103-18	1 90°																																					
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54																												
			77BF-102-18	1 90°									FH-27																												
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44				FH-39																												
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44							2 90°	FH-54																												
			77BF-102-18	2 90° 1 90°		1 90°	FL-44	1 90°	FL-44				FH-27																												
			77BF-103-18	1 90°									FH-39																												
7 + 4	7A	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH			20 45°	SL1 = ((FL-202)/11)-4,1	2 45°	SL2=SL1+51	22 45°	SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	20 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10	-	-	-	-
			77BF-102-18	2 90° 1 90°				1 90°							SL1 = ((FL-216)/11)-4,1				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-44	18 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14 SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44						SL1 = ((FL-254)/11)-4,1				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	20 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7				SH-14 SH-10	-	-	-	-
	7B & 7C	77BF-111-18	77BF-101-18	2 90° 1 90°	FL-44										SL1 = ((FL-268)/11)-4,1				SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90°	FL-96	18 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14 SH-10	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	2 90° 1 90°		1 90°	FL-44	1 90°	FL-44																															
			77BF-103-18	1 90°																																					
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44	1 90°	FL-44	1 90°	FL-44			2 90°	FH-54																												
			77BF-102-18	1 90°									FH-27																												
			77BF-103-18	1 90°		1 90°	FL-44	1 90°	FL-44				FH-39																												
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90° 1 90°	FL-44							2 90°	FH-54																												
			77BF-102-18	2 90° 1 90°		1 90°	FL-44	1 90°	FL-44				FH-27																												
			77BF-103-18	1 90°									FH-39																												

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18						GLASS / CAM 77BF-202-18					
														GL1			GL2			GL1			GL2		
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey
6 + 6	8A	77BF-111-18	77BF-101-18	1FL + 22FH	1FL + 22FH	FL	2FL + 3FH	FH	20 (CL1+CH1) + 4 (CL2 +CH2)	20 (CL1+CH1) + 4 (CL2 +CH2)	20 (CL1+CH1) + 4 (CL2 +CH2)	-	2 FL	10	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	10	GL1 = SL1-88	GH = SH-88	2	GL2 = SL2-88	GH = SH-88
			77BF-102-18				1FL + 3FH					1FL													
			77BF-103-18																						
		77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 5FH					-													
			77BF-102-18				1FL + 5FH					1FL													
			77BF-103-18																						
7 + 5	6A	77BF-111-18	77BF-101-18	1FL + 22FH	1FL + 22FH	FL	2FL + 4FH	-	24 (CL1+CH1)	24 (CL1+CH1)	24 (CL1+CH1)	-	2 FL	12	GL1 = SL1-98	GH = SH-98	-	-	-	12	GL1 = SL1-88	GH = SH-88	-	-	-
			77BF-102-18				1FL + 4FH					1FL													
			77BF-103-18																						
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-													
			77BF-102-18				1FL + 4FH					1FL													
			77BF-103-18																						
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-													
			77BF-102-18				1FL + 6FH					1FL													
			77BF-103-18																						
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-													
			77BF-102-18				1FL + 6FH					1FL													
			77BF-103-18																						
7 + 6	7A	77BF-111-18	77BF-101-18	1FL + 24FH	1FL + 24FH	FL	2FL + 4FH	-	24 (CL1+CH1) + 2 (CL2 +CH2)	24 (CL1+CH1) + 2 (CL2 +CH2)	24 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	12	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	12	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88
			77BF-102-18				1FL + 4FH					1FL													
			77BF-103-18																						
	7B & 7C	77BF-111-18	77BF-101-18				2FL + 4FH					-													
			77BF-102-18				1FL + 4FH					1FL													
			77BF-103-18																						
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-													
			77BF-102-18				1FL + 6FH					1FL													
			77BF-103-18																						
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-													
			77BF-102-18				1FL + 6FH					1FL													
			77BF-103-18																						
7 + 7	6A	77BF-111-18	77BF-101-18	1FL + 26FH	1FL + 26FH	FL	2FL + 4FH	-	28 (CL1+CH1)	28 (CL1+CH1)	28 (CL1+CH1)	-	2 FL	14	GL1 = SL1-98	GH = SH-98	-	-	-	14	GL1 = SL1-88	GH = SH-88	-	-	-
			77BF-102-18				1FL + 4FH					1FL													
			77BF-103-18																						
	6B & 6C	77BF-111-18	77BF-101-18				2FL + 4FH					-													
			77BF-102-18				1FL + 4FH					1FL													
			77BF-103-18																						
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-													
			77BF-102-18				1FL + 6FH					1FL													
			77BF-103-18																						
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 6FH					-													
			77BF-102-18				1FL + 6FH					1FL													
			77BF-103-18																						

GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-202-18							
CL1			CH			CL2		CH			CL1			CH	
QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	CH	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	CL2	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	CH	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	CL2	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	CL2	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	CH
20	CL1 = SL1-78	20	CH = SH-122	4	CL2 = SL2-78	4	CH = SH-122	20	CL1 = SL1-78	20	CH = SH-106	4	CL2 = SL2-78	4	CH = SH-106
24	CL1 = SL1-78	24	CH = SH-122	-	-	-	-	24	CL1 = SL1-78	24	CH = SH-106	-	-	-	-
24	CL1 = SL1-78	24	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	24	CL1 = SL1-78	24	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
28	CL1 = SL1-78	28	CH = SH-122	-	-	-	-	28	CL1 = SL1-78	28	CH = SH-106	-	-	-	-

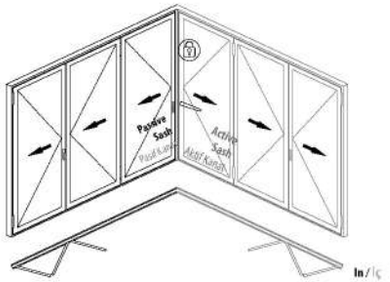
CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

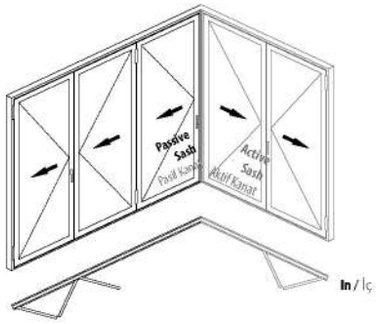
90° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
6 + 6	8A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH			20 45°	SL1 = ((FL-228)/12)-7,6	4 45°	SL2=SL1+51	24 45°	SH = FH-92	1 90°	FL-44	20 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°															SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°															SH = FH-77																			
		77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44			FL-44				2 90°	FH-54		SL1 = ((FL-280)/12)-7,6				SH = FH-92	2 90°	FL-96													1 90°	SH-14				
			77BF-102-18	1 90°		1 90°	FL-44						FH-27						SH = FH-92																SH-10				
			77BF-103-18	1 90°									FH-39						SH = FH-77																			
7 + 5	6A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH			24 45°	SL1 = (FL-200)/12	-	-	24 45°	SH = FH-92	1 90°	FL-44	24 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-		
			77BF-102-18	1 90°															SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°															SH = FH-77																			
	6B & 6C	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44								SL1 = (FL-228)/12				SH = FH-92	1 90°	FL-44	20 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14	2 90°	SH+1		
			77BF-102-18	1 90°															SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°															SH = FH-77																			
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH	2 90°	FH-54		SL1 = (FL-252)/12				SH = FH-92	1 90°	FL-96	24 90°	SL1-12	-	-	-	-	-	-	-	-			1 90°	SH-14	-	-		
			77BF-102-18	1 90°									FH-27						SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°									FH-39						SH = FH-77																			
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44					2 90°	FH-54		SL1 = (FL-280)/12				SH = FH-92	1 90°	FL-96	20 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14	2 90°	SH+1		
			77BF-102-18	1 90°									FH-27						SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°									FH-39						SH = FH-77																			
7 + 6	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH			24 45°	SL1 = ((FL-226)/13)-3,5	2 45°	SL2=SL1+51	26 45°	SH = FH-92	1 90°	FL-44	24 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
			77BF-102-18	1 90°															SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°															SH = FH-77																			
	7B & 7C	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44								SL1 = ((FL-240)/13)-3,5				SH = FH-92	1 90°	FL-44	22 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°															SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°															SH = FH-77																			
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH	2 90°	FH-54		SL1 = ((FL-278)/13)-3,5				SH = FH-92	1 90°	FL-96	24 90°	SL1-12			-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7				SH-14	-	-	-	-
			77BF-102-18	1 90°									FH-27						SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°									FH-39						SH = FH-77																			
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44					2 90°	FH-54		SL1 = ((FL-292)/13)-3,5				SH = FH-92	1 90°	FL-96	22 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14	1 90°	SH+1	1 90°	SH-280
			77BF-102-18	1 90°									FH-27						SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°									FH-39						SH = FH-77																			
7 + 7	6A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH			28 45°	SL1 = (FL-224)/14	-	-	28 45°	SH = FH-92	1 90°	FL-44	28 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-		
			77BF-102-18	1 90°															SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°															SH = FH-77																			
	6B & 6C	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44								SL1 = (FL-252)/14				SH = FH-92	1 90°	FL-44	24 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14	2 90°	SH+1		
			77BF-102-18	1 90°															SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°															SH = FH-77																			
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 90°	FH	2 90°	FH-54		SL1 = (FL-276)/14				SH = FH-92	1 90°	FL-96	28 90°	SL1-12			-	-	-	-	-	-				SH-14	-	-		
			77BF-102-18	1 90°									FH-27						SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°									FH-39						SH = FH-77																			
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44					2 90°	FH-54		SL1 = (FL-304)/14				SH = FH-92	1 90°	FL-96	24 90°	SL1-12			4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7				SH-14	2 90°	SH+1		
			77BF-102-18	1 90°									FH-27						SH = FH-92	2 90°															SH-10				
			77BF-103-18	1 90°									FH-39						SH = FH-77																			

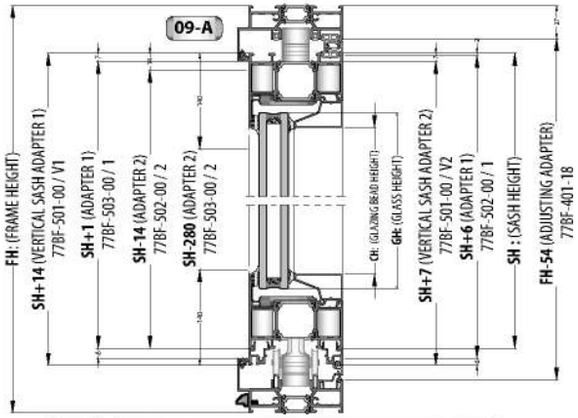
PASSIVE / PASİF

90° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

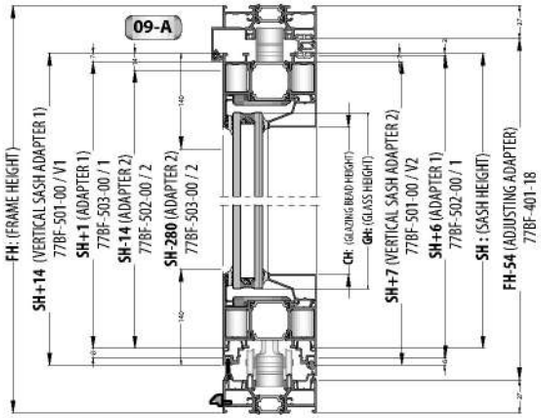
INWARD OPENING / İÇE AÇILIR



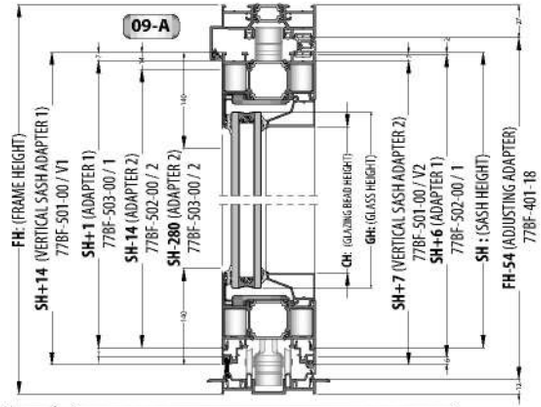




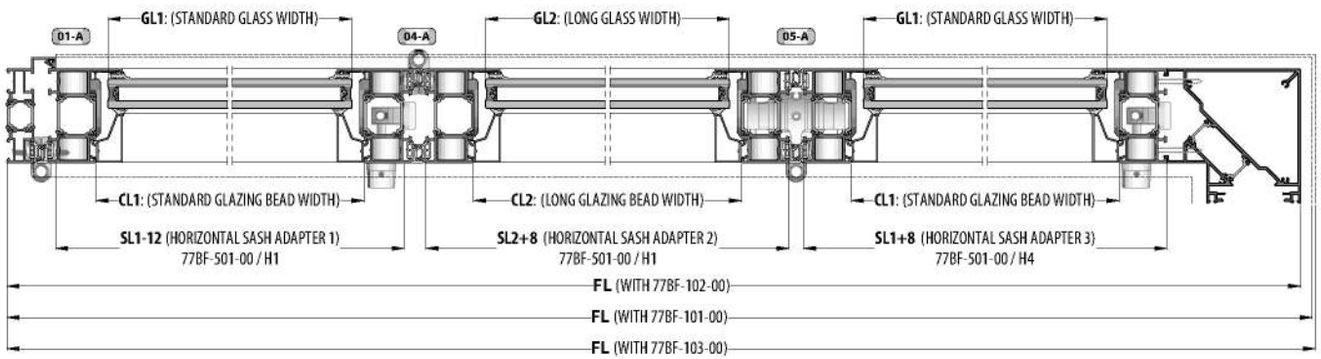
10-A HORIZONTAL FRAME / : 77BF-101-18

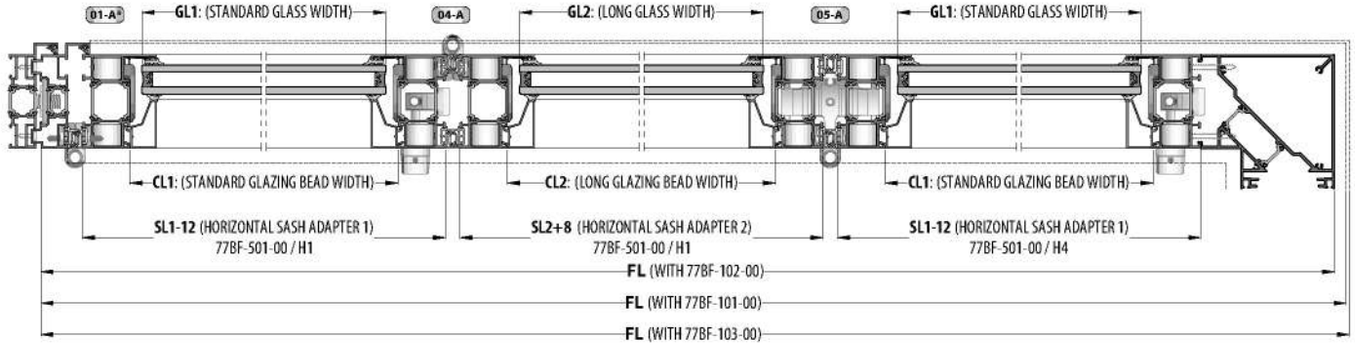


10-B HORIZONTAL FRAME / : 77BF-102-18



10-C HORIZONTAL FRAME / : 77BF-103-00

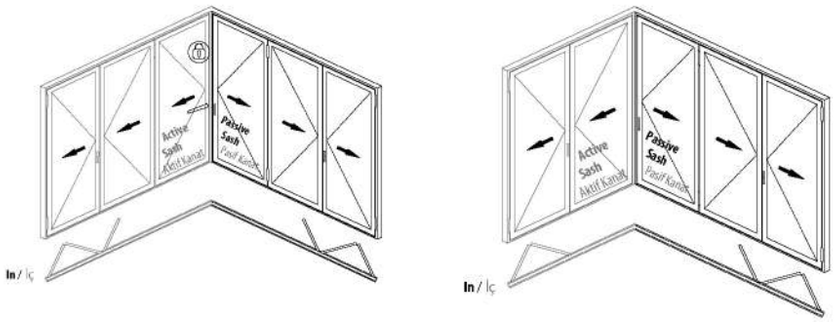


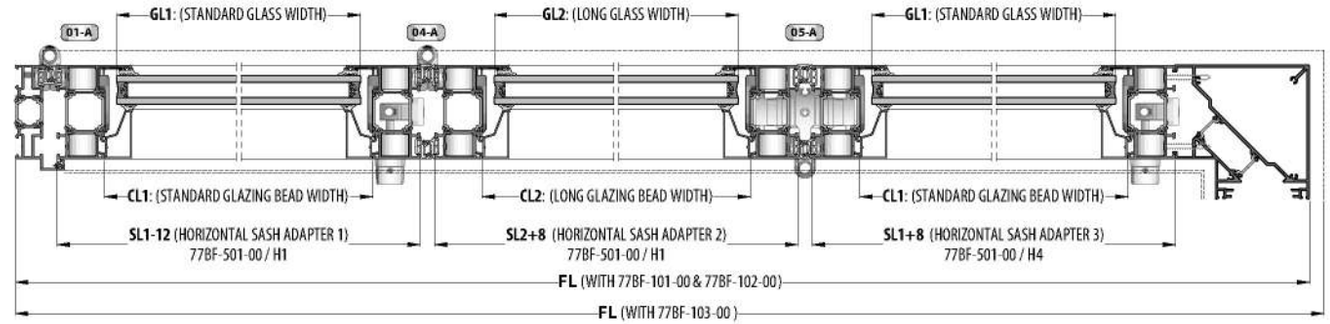


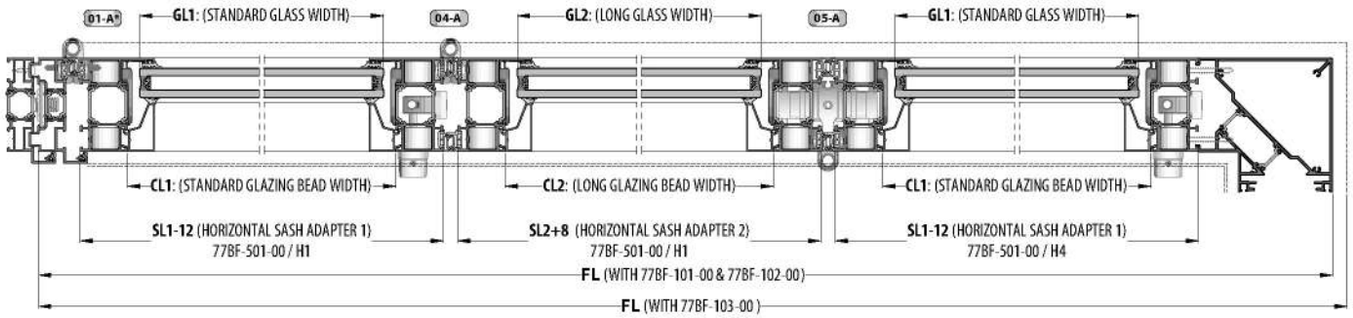
PASSIVE / PASİF

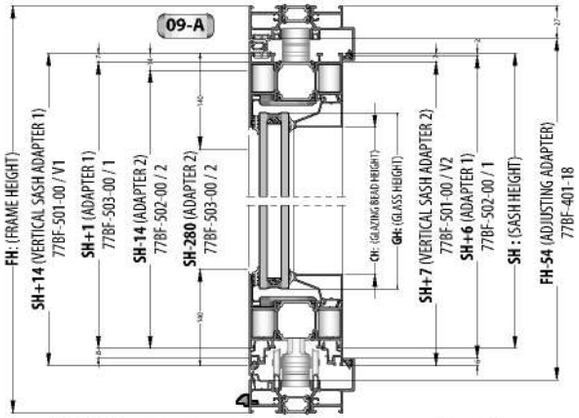
90° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

OUTWARD OPENING / DIŞA AÇILIR

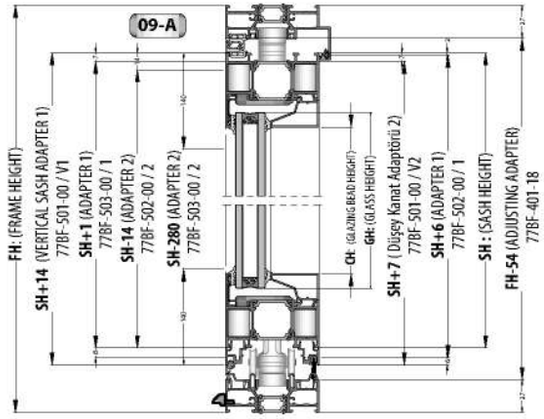




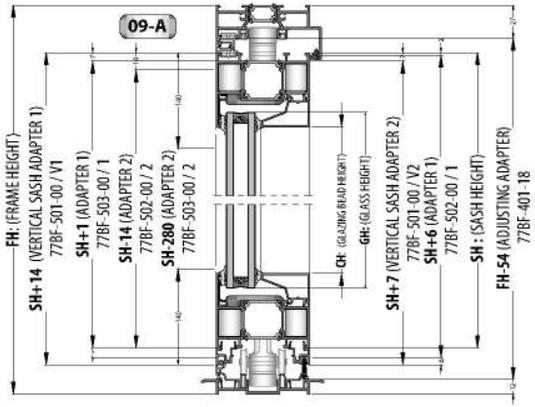




10-A HORIZONTAL FRAME / : 77BF-101-18



10-B HORIZONTAL FRAME / : 77BF-102-18



10-C HORIZONTAL FRAME / : 77BF-103-00

PASSIVE / PASİF

90° **CORNER CUTTING SIZE LIST** / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18					GLASS / CAM 77BF-202-18					GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-202-18							
														GL1			GL2			GL1			GL2			CL1		CH		CL2		CH		CL1		CH		CL2		CH	
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Horizontal / Yatay	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Vertical / Düşey	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Horizontal / Yatay	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Vertical / Düşey	QUANTITY / MİKTAR	FORMULA Horizontal / Yatay	FORMULA Vertical / Düşey	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Horizontal / Yatay	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Vertical / Düşey	QUANTITY / MİKTAR	FORMULA Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Vertical / Düşey	QUANTITY / MİKTAR	FORMULA Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Vertical / Düşey	QUANTITY / MİKTAR	FORMULA Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Vertical / Düşey	QUANTITY / MİKTAR	FORMULA Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA (CONV.) / FORMÜL (DÖNÜŞ) Vertical / Düşey
1	2A	77BF-111-18	77BF-101-18	1FL + 1FH	1FL + 1FH	FL	2FL + 1FH	-	2 (CL1+CH1)	2 (CL1+CH1)	2 (CL1+CH1)	-	2 FL	1	GL1 = SL1-98	GH = SH-98	-	-	-	1	GL1 = SL1-88	GH = SH-88	-	-	-	2	CL1 = SL1-78	2	CH = SH-122	-	-	-	-	2	CL1 = SL1-78	2	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 1FH					1FL																													
			77BF-103-18				2FL + 2FH					-																													
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 2FH					1FL																													
			77BF-102-18																																					
			77BF-103-18																																					
3	2A	77BF-111-18	77BF-101-18	1FL + 5FH	1FL + 5FH	FL	2FL + 1FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	-	2 FL	3	GL1 = SL1-98	GH = SH-98	-	-	-	3	GL1 = SL1-88	GH = SH-88	-	-	-	6	CL1 = SL1-78	6	CH = SH-122	-	-	-	-	6	CL1 = SL1-78	6	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 1FH					1FL																													
			77BF-103-18				2FL + 2FH					-																													
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 2FH					1FL																													
			77BF-102-18																																					
			77BF-103-18																																					
5	2A	77BF-111-18	77BF-101-18	1FL + 9FH	1FL + 9FH	FL	2FL + 1FH	-	10 (CL1+CH1)	10 (CL1+CH1)	10 (CL1+CH1)	-	2 FL	5	GL1 = SL1-98	GH = SH-98	-	-	-	5	GL1 = SL1-88	GH = SH-88	-	-	-	10	CL1 = SL1-78	10	CH = SH-122	-	-	-	-	10	CL1 = SL1-78	10	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 1FH					1FL																													
			77BF-103-18				2FL + 2FH					-																													
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 2FH					1FL																													
			77BF-102-18																																					
			77BF-103-18																																					
7	2A	77BF-111-18	77BF-101-18	1FL + 13FH	1FL + 13FH	FL	2FL + 1FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	-	2 FL	7	GL1 = SL1-98	GH = SH-98	-	-	-	7	GL1 = SL1-88	GH = SH-88	-	-	-	14	CL1 = SL1-78	14	CH = SH-122	-	-	-	-	14	CL1 = SL1-78	14	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 1FH					1FL																													
			77BF-103-18				2FL + 2FH					-																													
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 2FH					1FL																													
			77BF-102-18																																					
			77BF-103-18																																					

PASSIVE / PASİF

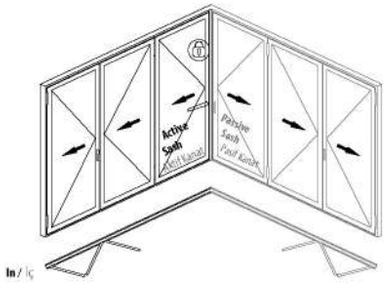
90° **CORNER CUTTING SIZE LIST** / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

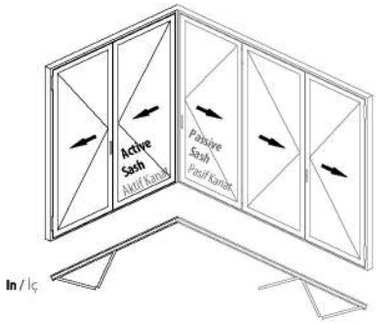
90° CUTTING SIZE / KESİM ÖLÇÜLERİ				INSIDE OPENING / İÇE AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		OUTSIDE OPENING / DIŞA AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		INSIDE OPENING / İÇE AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		INSIDE OPENING / İÇE AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H4		CORNER ADAPTER KÖŞE DÖNÜŞ ADAPTÖRÜ 77BF-515-00	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARİ / AÇI	FORMULA / FORMÜL
1	2A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°/45°	FL-10	1 90°	FH			2 45°	SL1 = FL-144	-	-	2 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	-	-	2 90°	SL1-6	1 90°	SH-4
			77BF-102-18	1 90°/45°		1 90°/45°		1 90°/45°													SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23						
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10										SH = FH-77	2 90°/45°	FL-82	2 90°/45°	FL-23						
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22					1 90°	FH-54						SH = FH-92	1 90°	FL-108	2 90°	FL-49						
			77BF-102-18	1 90°/45°		1 90°/45°									FH-27						SH = FH-92	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10				FH-39						SH = FH-77	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				
3	2A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°/45°	FL-10	1 90°	FH			6 45°	SL1 = (FL-168)/3	-	-	6 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	4 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
			77BF-102-18	1 90°/45°		1 90°/45°															SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23						
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10										SH = FH-77	2 90°/45°	FL-82	2 90°/45°	FL-23						
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22					1 90°	FH-54						SH = FH-92	1 90°	FL-108	2 90°	FL-49						
			77BF-102-18	1 90°/45°		1 90°/45°		1 90°/45°							FH-27		SL1 = (FL-194)/3				SH = FH-92	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10				FH-39						SH = FH-77	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				
5	2A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°/45°	FL-10	1 90°	FH			10 45°	SL1 = (FL-192)/5	-	-	10 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	8 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
			77BF-102-18	1 90°/45°		1 90°/45°															SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23						
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10										SH = FH-77	2 90°/45°	FL-82	2 90°/45°	FL-23						
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22					1 90°	FH-54						SH = FH-92	1 90°	FL-108	2 90°	FL-49						
			77BF-102-18	1 90°/45°		1 90°/45°									FH-27		SL1 = (FL-218)/5				SH = FH-92	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10				FH-39						SH = FH-77	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				
7	2A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°/45°	FL-10	1 90°	FH			10 45°	SL1 = (FL-216)/7	-	-	14 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	12 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
			77BF-102-18	1 90°/45°		1 90°/45°															SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23						
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10										SH = FH-77	2 90°/45°	FL-82	2 90°/45°	FL-23						
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22					1 90°	FH-54						SH = FH-92	1 90°	FL-108	2 90°	FL-49						
			77BF-102-18	1 90°/45°		1 90°/45°		1 90°/45°							FH-27		SL1 = (FL-242)/7				SH = FH-92	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				
			77BF-103-18	1 90°/45°		1 90°/45°				1 90°/45°	FL-10				FH-39						SH = FH-77	2 90°	FL-108	FL-49	2 90°	FL-108	FL-49				

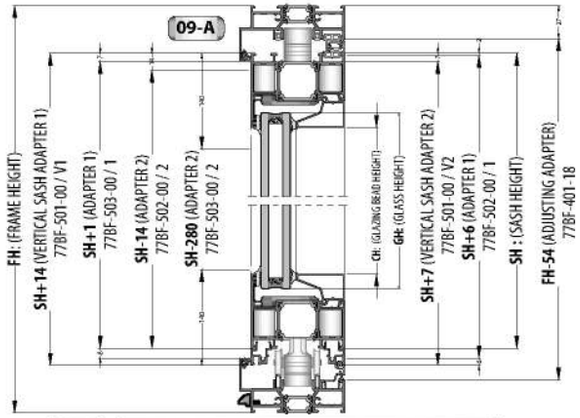
ACTIVE / AKTİF

90° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

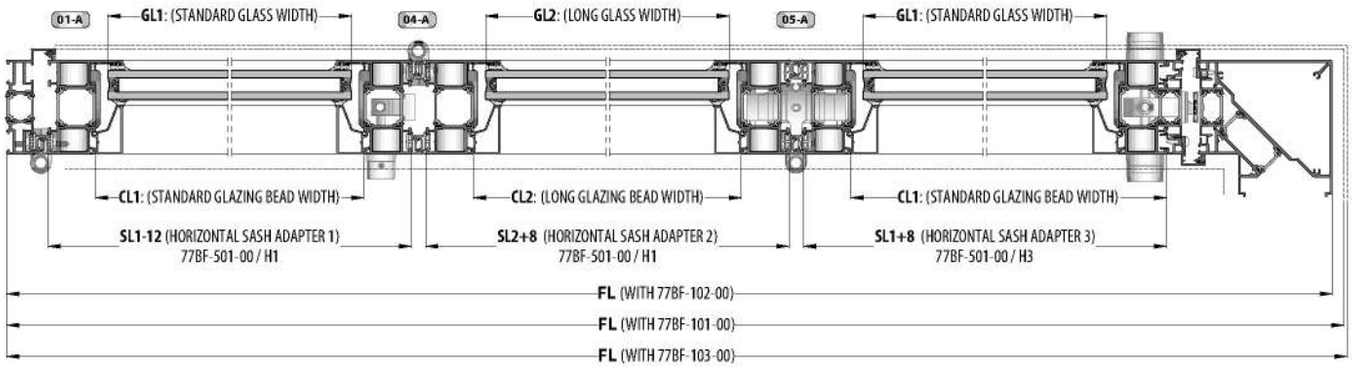
INWARD OPENING / İÇE AÇILIR

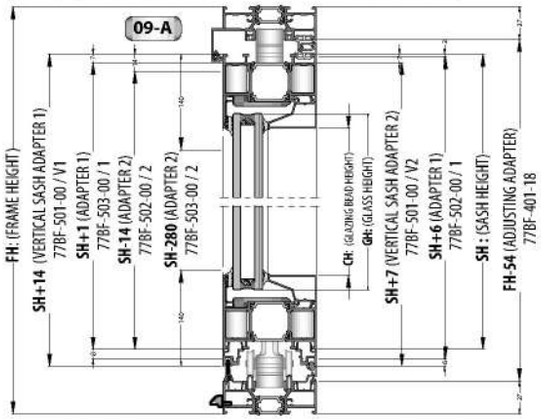




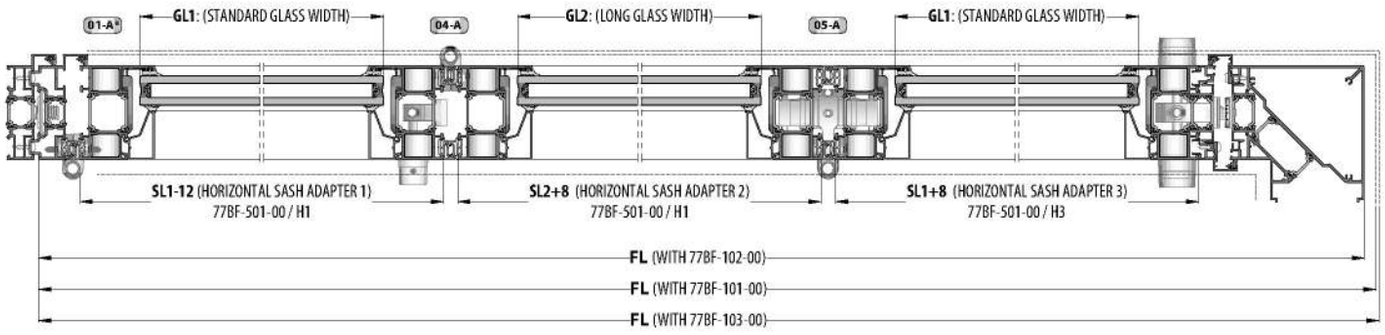


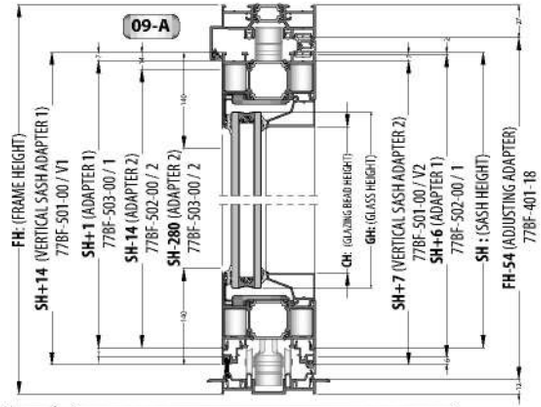
10-A HORIZONTAL FRAME / : 77BF-101-18





10-B HORIZONTAL FRAME / : 77BF-102-18



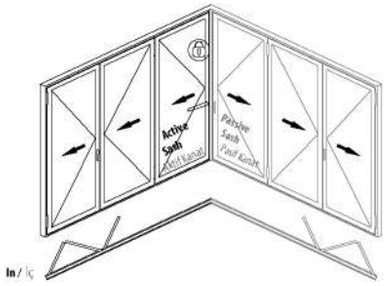


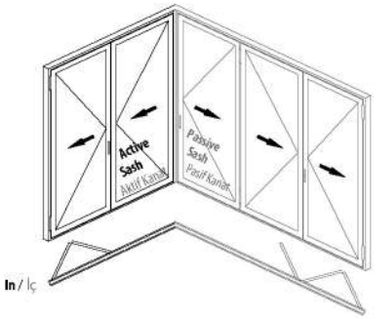
10-C HORIZONTAL FRAME / : 77BF-103-00

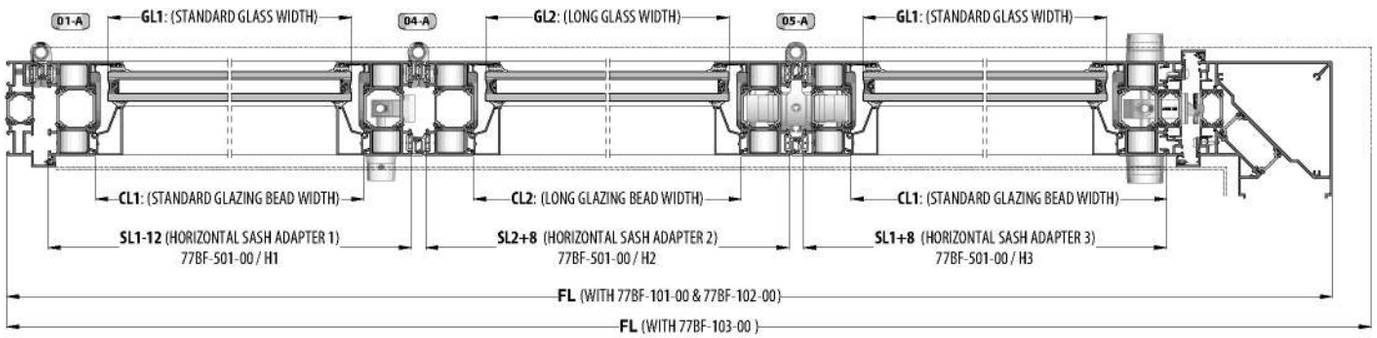
ACTIVE / AKTİF

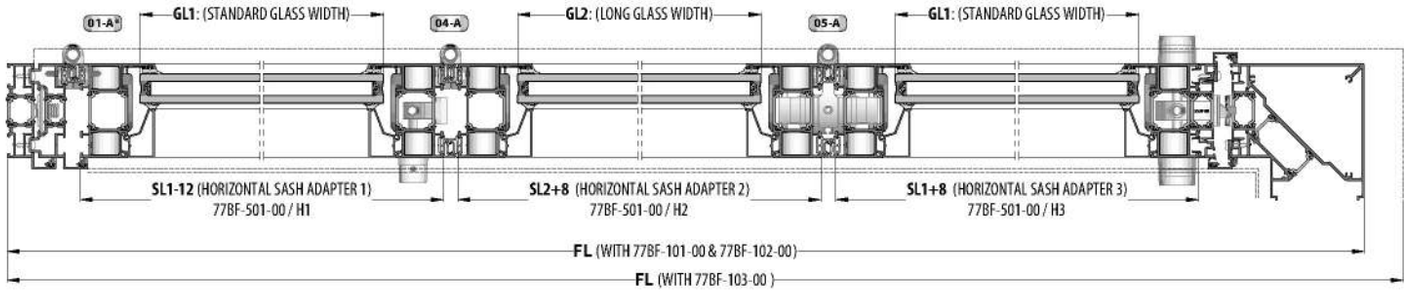
90° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

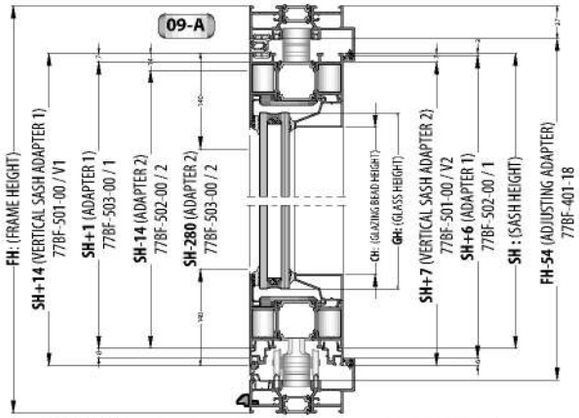
OUTWARD OPENING / DIŞA AÇILIR



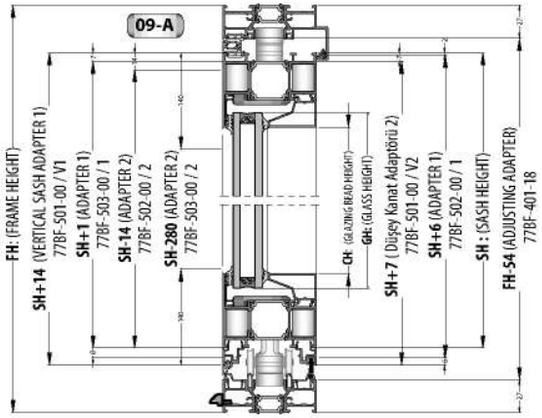




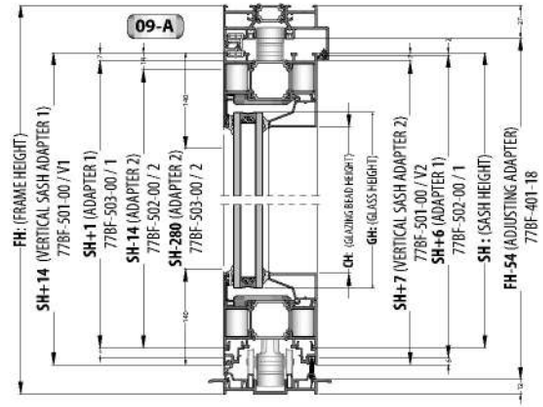




10-A **HORIZONTAL FRAME / YATAY KASA : 77BF-101-18**



10-B **HORIZONTAL FRAME / YATAY KASA : 77BF-102-18**



10-C **HORIZONTAL FRAME / YATAY KASA : 77BF-103-00**

ACTIVE / AKTİF

90° **CORNER CUTTING SIZE LIST** / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-202-18							
														GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey
1	3A	77BF-111-18	77BF-101-18	1FL + 1FH	1FL + 1FH	FL	2FL + 3FH	-	2 (CL1+CH1)	2 (CL1+CH1)	2 (CL1+CH1)	-	2 FL	1	GL1 = SL1-98	GH = SH-98	-	-	-	1	GL1 = SL1-88	GH = SH-88	-	-	-	2	CL1 = SL1-78		2	CH = SH-122		-	-		-	-		-	-	
			77BF-102-18				1FL + 3FH					1FL																										
			77BF-103-18				2FL + 4FH					-																										
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 4FH					1FL																										
			77BF-102-18									-																										
			77BF-103-18									1FL																										
2	3A	77BF-111-18	77BF-101-18	1FL + 3FH	1FL + 3FH	FL	2FL + 2FH	FH	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	-	2 FL	1	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	1	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	2	CL1 = SL1-78		2	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		2	CL1 = SL1-78		2	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
			77BF-102-18				1FL + 3FH					1FL																										
			77BF-103-18				2FL + 2FH					-																										
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 3FH					1FL																										
			77BF-102-18									-																										
			77BF-103-18									1FL																										
3	2B & 2C	77BF-111-18	77BF-101-18	1FL + 5FH	1FL + 5FH	FL	2FL + 3FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	-	2 FL	3	GL1 = SL1-98	GH = SH-98	-	-	-	3	GL1 = SL1-88	GH = SH-88	-	-	-	6	CL1 = SL1-78		6	CH = SH-122		-	-		-	-		6	CL1 = SL1-78		6	CH = SH-106		-	-		-	-	
			77BF-102-18				1FL + 3FH					1FL																										
			77BF-103-18				2FL + 4FH					-																										
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 4FH					1FL																										
			77BF-102-18									-																										
			77BF-103-18									1FL																										
4	3A	77BF-111-18	77BF-101-18	1FL + 7FH	1FL + 7FH	FL	2FL + 2FH	FH	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	-	2 FL	3	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	3	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	6	CL1 = SL1-78		6	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		6	CL1 = SL1-78		6	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
			77BF-102-18				1FL + 3FH					1FL																										
			77BF-103-18				2FL + 2FH					-																										
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 3FH					1FL																										
			77BF-102-18									-																										
			77BF-103-18									1FL																										
5	2B & 2C	77BF-111-18	77BF-101-18	1FL + 9FH	1FL + 9FH	FL	2FL + 3FH	-	10 (CL1+CH1)	10 (CL1+CH1)	10 (CL1+CH1)	-	2 FL	5	GL1 = SL1-98	GH = SH-98	-	-	-	5	GL1 = SL1-88	GH = SH-88	-	-	-	10	CL1 = SL1-78		10	CH = SH-122		-	-		-	-		10	CL1 = SL1-78		10	CH = SH-106		-	-		-	-	
			77BF-102-18				1FL + 3FH					1FL																										
			77BF-103-18				2FL + 4FH					-																										
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 4FH					1FL																										
			77BF-102-18									-																										
			77BF-103-18									1FL																										
6	3A	77BF-111-18	77BF-101-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	-	2 FL	5	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	5	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	10	CL1 = SL1-78		10	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		10	CL1 = SL1-78		10	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
			77BF-102-18				1FL + 3FH					1FL																										
			77BF-103-18				2FL + 2FH					-																										
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18				1FL + 3FH					1FL																										
			77BF-102-18									-																										
			77BF-103-18									1FL																										

ACTIVE / AKTİF

90° **CORNER CUTTING SIZE LIST** / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				INSIDE OPENING İÇE AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		OUTSIDE OPENING DIŞA AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		INSIDE OPENING İÇE AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		OUTSIDE OPENING DIŞA AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
1	3A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45° FL-12,5		2 90°/45° 1 90°/45° 1 90°/45° FL-22		1 90°/45° FL-22		1 90°/45° FL-10		1 90°	FH	2 45°	SL1 = FL-170	-	-	2 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-82 FL-82 FL-82 FL-108 FL-108 FL-108	FL-82 FL-23 FL-23 FL-49 FL-49 FL-49	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-23 FL-82 FL-23 FL-82 FL-23 FL-49 FL-108 FL-49 FL-108 FL-49	-	-	-	-	2 90° / 45°	SH+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	1 90°	SH-4	1 90°	SH-4
	3A*	77BF-111-18 + 77BF-401-18	77BF-102-18																																				
			77BF-103-18																																				
2	3A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45° FL-12,5		2 90°/45° 1 90°/45° 1 90°/45° FL-22		1 90°/45° FL-22		1 90°/45° FL-10		1 90°	FH	2 45°	SL1 = ((FL-182)/2)-23	2 45°	SL2=SL1+51	4 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-82 FL-82 FL-82 FL-108 FL-108 FL-108	FL-82 FL-23 FL-23 FL-49 FL-49 FL-49	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-23 FL-82 FL-23 FL-82 FL-23 FL-49 FL-108 FL-49 FL-108 FL-49	2 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	1 90°	SH-4	-	-
	3A*	77BF-111-18 + 77BF-401-18	77BF-102-18																																				
			77BF-103-18																																				
3	2B & 2C	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45° FL-12,5		2 90°/45° 1 90°/45° 1 90°/45° FL-22		1 90°/45° FL-22		1 90°/45° FL-10		1 90°	FH	6 45°	SL1 = (FL-194)/3	-	-	6 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-82 FL-82 FL-82 FL-108 FL-108 FL-108	FL-82 FL-23 FL-23 FL-49 FL-49 FL-49	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-23 FL-82 FL-23 FL-82 FL-23 FL-49 FL-108 FL-49 FL-108 FL-49	4 90°	SL1-12	-	-	2 90° / 45° 2 90° / 45°	SL1+8 SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	1 90°	SH-4	1 90°	SH+1
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-102-18																																				
			77BF-103-18																																				
4	3A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45° FL-12,5		2 90°/45° 1 90°/45° 1 90°/45° FL-22		1 90°/45° FL-22		1 90°/45° FL-10		1 90°	FH	6 45°	SL1 = ((FL-206)/4)-11,5	2 45°	SL2=SL1+51	8 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-82 FL-82 FL-82 FL-108 FL-108 FL-108	FL-82 FL-23 FL-23 FL-49 FL-49 FL-49	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-23 FL-82 FL-23 FL-82 FL-23 FL-49 FL-108 FL-49 FL-108 FL-49	6 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	1 90°	SH-4	-	-
	3A*	77BF-111-18 + 77BF-401-18	77BF-102-18																																				
			77BF-103-18																																				
5	2B & 2C	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45° FL-12,5		2 90°/45° 1 90°/45° 1 90°/45° FL-22		1 90°/45° FL-22		1 90°/45° FL-10		1 90°	FH	10 45°	SL1 = (FL-218)/5	-	-	10 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-82 FL-82 FL-82 FL-108 FL-108 FL-108	FL-82 FL-23 FL-23 FL-49 FL-49 FL-49	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-23 FL-82 FL-23 FL-82 FL-23 FL-49 FL-108 FL-49 FL-108 FL-49	8 90°	SL1-12	-	-	2 90° / 45° 2 90° / 45°	SL1+8 SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	1 90°	SH-4	1 90°	SH+1
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-102-18																																				
			77BF-103-18																																				
6	3A	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45° FL-12,5		2 90°/45° 1 90°/45° 1 90°/45° FL-22		1 90°/45° FL-22		1 90°/45° FL-10		1 90°	FH	10 45°	SL1 = ((FL-230)/6)-7,6	2 45°	SL2=SL1+51	12 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-82 FL-82 FL-82 FL-108 FL-108 FL-108	FL-82 FL-23 FL-23 FL-49 FL-49 FL-49	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-23 FL-82 FL-23 FL-82 FL-23 FL-49 FL-108 FL-49 FL-108 FL-49	10 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	1 90°	SH-4	-	-
	3A*	77BF-111-18 + 77BF-401-18	77BF-102-18																																				
			77BF-103-18																																				

ACTIVE / AKTİF

90° **CORNER CUTTING SIZE LIST** / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-202-18							
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-421	EM45-05	GL1		GL2		GL1		GL2		CL1		CH		CL2		CH		CL1		CH		CL2		CH	
														QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey		QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	FORMULA / FORMÜL Vertical / Düşey		QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey	QUANTITY / MİKTAR	FORMULA / FORMÜL Horizontal / Yatay	QUANTITY / MİKTAR	FORMULA / FORMÜL Vertical / Düşey
7	2B & 2C	77BF-111-18	77BF-101-18	1FL + 13FH	1FL + 13FH	FL	2FL + 3FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	-	2 FL	7	GL1 = SL1-98	GH = SH-98	-	7	GL1 = SL1-88	GH = SH-88	-	14	CL1 = SL1-78	14	CH = SH-122	-	-	-	-	14	CL1 = SL1-78	14	CH = SH-106	-	-	-	-
			77BF-102-18				1FL + 3FH					1FL																									
			77BF-103-18																																		
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18				2FL + 4FH					-																									
			77BF-102-18				1FL + 4FH					1FL																									
			77BF-103-18																																		

ACTIVE / AKTİF

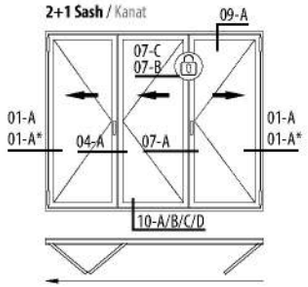
90° **CORNER CUTTING SIZE LIST** / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

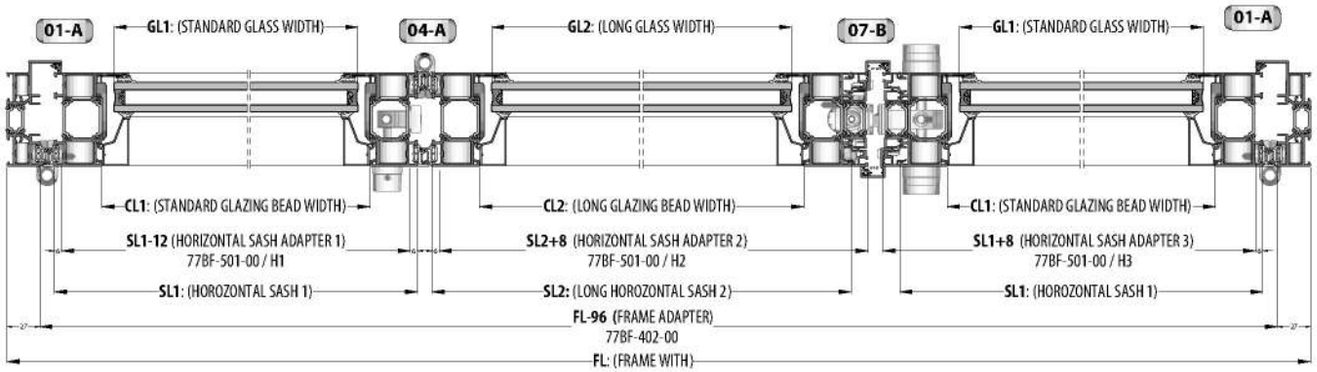
90° CUTTING SIZE / KESİM ÖLÇÜLERİ				INSIDE OPENING İÇE AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		OUTSIDE OPENING DIŞA AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		INSIDE OPENING İÇE AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		OUTSIDE OPENING DIŞA AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
7	2B & 2C	77BF-111-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45° 1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°/45°	FL-10	1 90°	FH			14 45°	SL1 = (FL-242)/7	-	-	14 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-82 FL-82 FL-23 FL-82 FL-23 FL-108 FL-108 FL-49 FL-108 FL-49	1 90°/45° 2 90°/45° 2 90°/45° 1 90° 2 90° 2 90°	FL-23 FL-82 FL-23 FL-82 FL-23 FL-49 FL-108 FL-49 FL-108 FL-49	12 90°	SL1-12	-	-	2 90°/45° 2 90°/45°	SL1+8 SL1+8	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	1 90°	SH-4	1 90°	SH+1
			77BF-102-18																																				
			77BF-103-18																																				
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45° 1 90°/45° 1 90°/45°	FL-12,5	2 90°/45° 1 90°/45° 1 90°/45°	FL-22							1 90°	FH-54 FH-27 FH-39																										
			77BF-102-18					1 90°/45°	FL-22																														
			77BF-103-18							1 90°/45°	FL-10																												

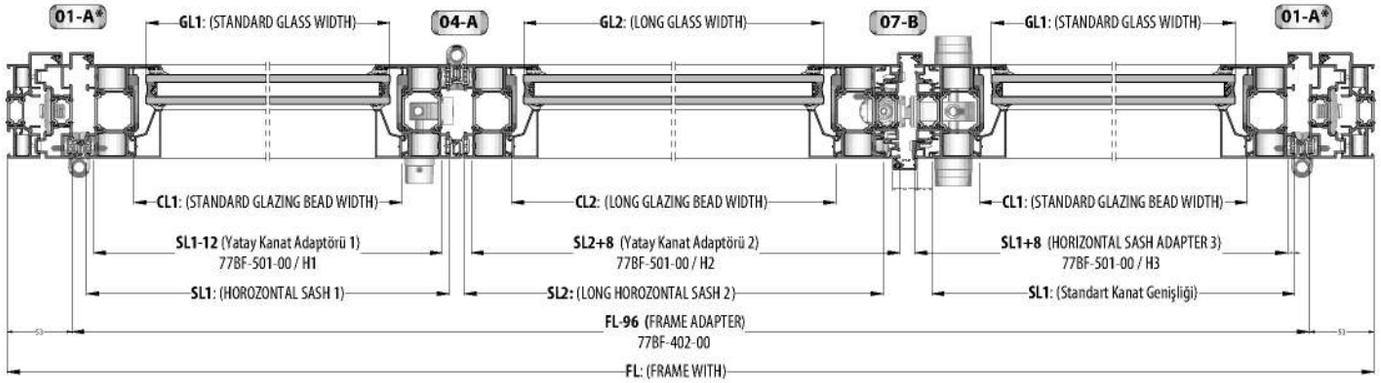
45°
CUTTING SIZE
KESİM ÖLÇÜLERİ

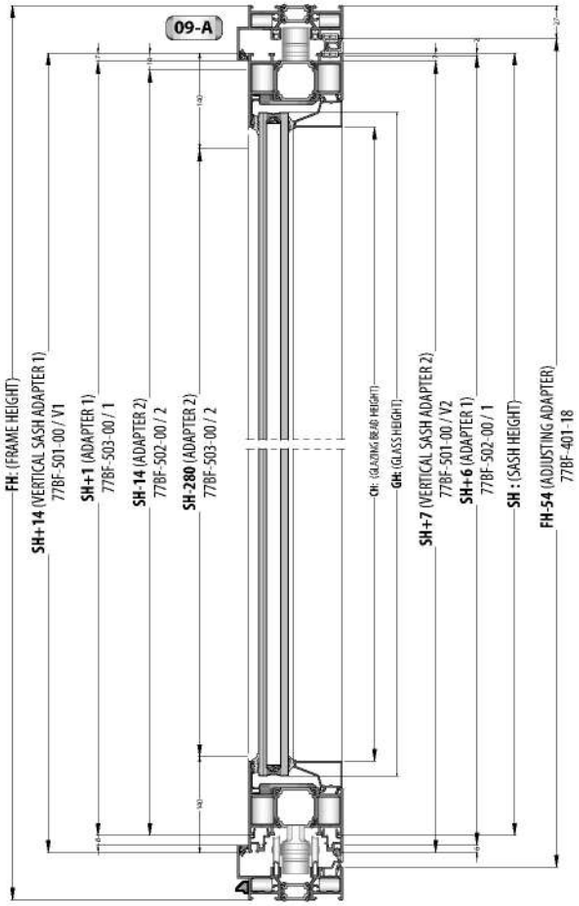
45° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

INWARD OPENING / İÇE AÇILIR





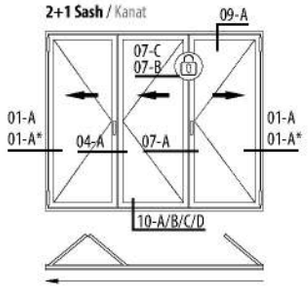


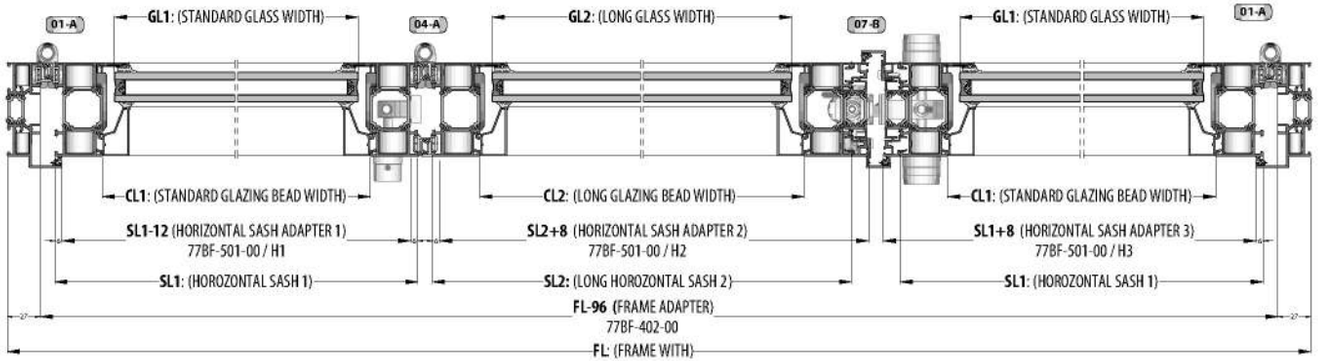


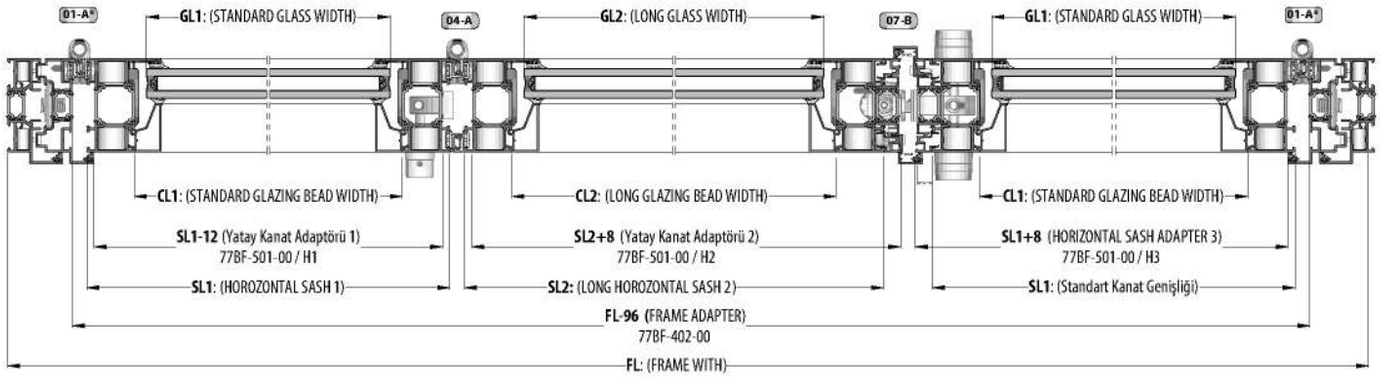
10-A **HORIZONTAL FRAME / YATAY KASA : 77BF-101-18**

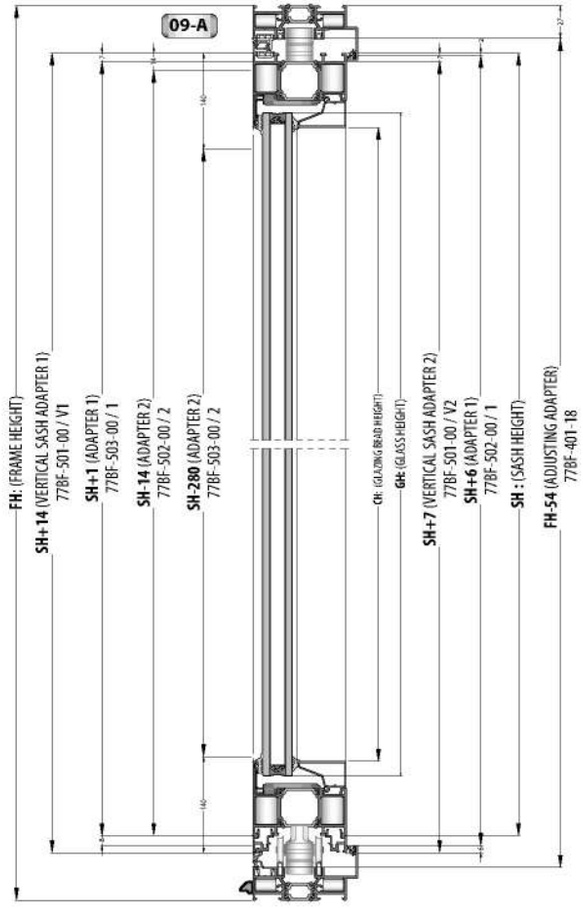
45° **FORMULE DESCRIPTION** / FORMÜL AÇIKLAMALARI

OUTWARD OPENING / DIŞA AÇILIR









10-A **HORIZONTAL FRAME / YATAY KASA : 77BF-101-18**

45° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER									GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-201-18							
													GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05	QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Dikey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Dikey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Dikey		QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay			QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay			QUANTITY MİKTAR	FORMULA FORMÜL Horizontal / Yatay		
2 + 0	3A	77BF-101-18 77BF-101-18 + 77BF-401-18	77BF-101-18	1FL + 3FH	1FL + 3FH	FL	2FL+2FH	FH	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	2FL+4FH	1	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		1	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		2	CL1 = SL1-78			2	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			2	CL1 = SL1-78			2	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
2 + 1	7A	77BF-101-18	77BF-101-18	1FL + 4FH	1FL + 4FH	FL	2FL + 4FH	-	4 (CL1+CH1) + 2 (CL2 +CH2)	4 (CL1+CH1) + 2 (CL2 +CH2)	4 (CL1+CH1) + 2 (CL2 +CH2)	2FL+4FH	2	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		2	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		4	CL1 = SL1-78			4	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			4	CL1 = SL1-78			4	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
	7B & 7C						2FL + 4FH																																													
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																													
	7B & 7C						2FL + 6FH																																													
3 + 0	2A	77BF-101-18	77BF-101-18	1FL + 5FH	1FL + 5FH	FL	2FL + 3FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL+4FH	3	GL1 = SL1-98	GH = SH-98		-	-	-		3	GL1 = SL1-88	GH = SH-88		-	-	-		6	CL1 = SL1-78			6	CH = SH-122			-	-			-	-			6	CL1 = SL1-78			6	CH = SH-106			-	-			-	-		
	2B & 2C						2FL + 3FH																																												
	2A*	77BF-101-18 + 77BF-401-18					2FL + 5FH																																												
	2B & 2C						2FL + 5FH																																												
2 + 2	8A	77BF-101-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 3FH	FH	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	2 FL+4FH	2	GL1 = SL1-98	GH = SH-98		2	GL2 = SL2-98	GH = SH-98		2	GL1 = SL1-88	GH = SH-88		2	GL2 = SL2-88	GH = SH-88		4	CL1 = SL1-78			4	CH = SH-122			4	CL2 = SL2-78			4	CH = SH-122			4	CL1 = SL1-78			4	CH = SH-106			4	CL2 = SL2-78			4	CH = SH-106		
		77BF-101-18 + 77BF-401-18					2FL + 5FH																																												
3 + 1	6A	77BF-101-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL+4FH	-	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	2 FL+4FH	4	GL1 = SL1-98	GH = SH-98		-	-	-		4	GL1 = SL1-88	GH = SH-88		-	-	-		8	CL1 = SL1-78			8	CH = SH-122			-	-			-	-			8	CL1 = SL1-78			8	CH = SH-106			-	-			-	-		
	6B & 6C						2FL+4FH																																												
	6A*	77BF-101-18 + 77BF-401-18					2FL+6FH																																												
	6B & 6C						2FL+6FH																																												

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
2 + 0	3A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			2 45°	SL1 = ((FL-104)/2)-23	2 45°	SL2=SL1+51	4 45°	SH = FH-92	1 90°	FL-54	2 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-156)/2)-23					1 90°	FL-106																		
2 + 1	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			4 45°	SL1 = ((FL-116)/3)-15,3	2 45°	SL2=SL1+51	6 45°	SH = FH-92	1 90°	FL-54	4 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C										SL1 = ((FL-130)/3)-15,3							2 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-168)/3)-15,3					1 90°	FL-106	4 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C										SL1 = ((FL-182)/3)-15,3							2 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
3 + 0	2A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			6 45°	SL1 = (FL-102)/3	-	-	6 45°	SH = FH-92	1 90°	FL-54	6 90°	SL1-12	-	-	-	-	-	-	-	-	-	-			-	-	1 90°	SH+1	-	-
	2B & 2C										SL1 = (FL-116)/3							4 90°				2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6			-	-	-	-
	2A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = (FL-154)/3					1 90°	FL-106	6 90°				-	-	-	-	-	-					1 90°	SH+1	-	-
	2B & 2C										SL1 = (FL-168)/3							4 90°				2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7					-	-	-	-
2 + 2	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			4 45°	SL1 = ((FL-142)/4)-23	4 45°	SL2=SL1+51	8 45°	SH = FH-92	1 90°	FL-54	4 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-194)/4)-23					1 90°	FL-106																		
3 + 1	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			8 45°	SL1 = (FL-114)/4	-	-	8 45°	SH = FH-92	1 90°	FL-54	8 90°	SL1-12	-	-	-	-	-	-	-	-	-	-			-	-	2 90°	SH+1	-	-
	6B & 6C										SL1 = (FL-142)/4							4 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14				
	6A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = (FL-166)/4					1 90°	FL-106	8 90°				-	-	-	-	-	-					-	-		
	6B & 6C										SL1 = (FL-194)/4							4 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		

45° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER										GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-201-18							
														GL1				GL2				GL1				GL2				CL1		CH		CL2		CH	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05		QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey
4 + 0	3A	77BF-101-18	77BF-101-18	1FL + 7FH	1FL + 7FH	FL	2FL + 2FH	FH	6 (CL1+CH1) + 2 (CL2 +CH2)	6 (CL1+CH1) + 2 (CL2 +CH2)	6 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+4FH		3	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		3	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		6	CL1 = SL1-78		6	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		6	CL1 = SL1-78		6	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
		77BF-101-18 + 77BF-401-18					2FL + 4FH																																								
3 + 2	7A	77BF-101-18	77BF-101-18	1FL + 8FH	1FL + 8FH	FL	2FL + 4FH	-	8 (CL1+CH1) + 2 (CL2 +CH2)	8 (CL1+CH1) + 2 (CL2 +CH2)	8 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+4FH		4	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		4	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		8	CL1 = SL1-78		8	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		8	CL1 = SL1-78		8	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
	7B & 7C	77BF-101-18					2FL + 4FH																																								
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																								
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																								
4 + 1	7A	77BF-101-18	77BF-101-18	1FL + 8FH	1FL + 8FH	FL	2FL +4FH	-	8(CL1+CH1) + 2 (CL2 +CH2)	8(CL1+CH1) + 2 (CL2 +CH2)	8(CL1+CH1) + 2 (CL2 +CH2)	2 FL+4FH		4	GL1 = SL1-98	GH = SH-98		1	GL2 = SL2-98	GH = SH-98		4	GL1 = SL1-88	GH = SH-88		1	GL2 = SL2-88	GH = SH-88		8	CL1 = SL1-78		8	CH = SH-122		2	CL2 = SL2-78		2	CH = SH-122		8	CL1 = SL1-78		8	CH = SH-106		2	CL2 = SL2-78		2	CH = SH-106	
	7B & 7C	77BF-101-18					2FL +4FH																																								
	7A*	77BF-101-18 + 77BF-401-18					2FL +6FH																																								
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL +6FH																																								
5 + 0	2A	77BF-101-18	77BF-101-18	1FL + 9FH	1FL + 9FH	FL	2FL +3FH	-	10 (CL1+CH1)	10 (CL1+CH1)	10 (CL1+CH1)	2 FL+4FH		5	GL1 = SL1-98	GH = SH-98		-	-	-		5	GL1 = SL1-88	GH = SH-88		-	-	-		10	CL1 = SL1-78		10	CH = SH-122		-	-		-	-		10	CL1 = SL1-78		10	CH = SH-106		-	-		-	-	
	2B & 2C	77BF-101-18					2FL +3FH																																								
	2A*	77BF-101-18 + 77BF-401-18					2FL +5FH																																								
	2B & 2C	77BF-101-18 + 77BF-401-18					2FL +5FH																																								
3 + 3	6A	77BF-101-18	77BF-101-18	1FL + 10FH	1FL + 10FH	FL	2FL +4FH	-	12 (CL1+CH1)	12 (CL1+CH1)	12 (CL1+CH1)	2 FL+4FH		6	GL1 = SL1-98	GH = SH-98		-	-	-		6	GL1 = SL1-88	GH = SH-88		-	-	-		12	CL1 = SL1-78		12	CH = SH-122		-	-		-	-		12	CL1 = SL1-78		12	CH = SH-106		-	-		-	-	
	6B & 6C	77BF-101-18					2FL +4FH																																								
	6A*	77BF-101-18 + 77BF-401-18					2FL +6FH																																								
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL +6FH																																								

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE / KESİM ÖLÇÜLERİ

OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	HORIZONTAL FRAME / YATAY KASA 77BF-101-18		VERTICAL FRAME / DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER / AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 / YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 / YATAY KANAT 2 77BF-201-18		VERTICAL SASH / DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER / KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 / YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 / YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 / YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 / DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 / DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 / ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 / ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 / ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 / ADAPTÖR 2 77BF-503-00 / 2	
				QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR / MİKTAR / AÇI	FORMULA / FORMÜL
4 + 0	3A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	6 45°	SL1 = ((FL-128)/4)-11,5	2 45°	SL2=SL1+51	8 45°	SH = FH-92	1 90°	FL-54	6 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-	-	-
		77BF-101-18 + 77BF-401-18									SL1 = ((FL-180)/4)-11,5					1 90°	FL-106																		
3 + 2	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	SH-54	8 45°	SL1 = ((FL-140)/5)-9,2	2 45°	SL2=SL1+51	10 45°	SH = FH-92	1 90°	FL-54	8 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-154)/5)-9,2							6 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-192)/5)-9,2					1 90°	FL-106	8 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-206)/5)-9,2							6 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
4 + 1	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	8 45°	SL1 = ((FL-140)/5)-9,2	2 45°	SL2=SL1+51	10 45°	SH = FH-92	1 90°	FL-54	8 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-154)/5)-9,2							6 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-192)/5)-9,2					1 90°	FL-106	8 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-206)/5)-9,2							6 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
5 + 0	2A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	10 45°	SL1 = (FL-126)/5	-	-	10 45°	SH = FH-92	1 90°	FL-54	10 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	-	-	-	-	-	-
	2B & 2C	77BF-101-18									SL1 = (FL-140)/5							8 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7					1 90°	SH+1	-	-
	2A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-178)/5					1 90°	FL-106	10 90°	SL1-12			-	-	-	-	-	-					-	-	-	-
	2B & 2C	77BF-101-18 + 77BF-401-18									SL1 = (FL-192)/5							8 90°	SL1-12			2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7					1 90°	SH+1	-	-
3 + 3	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = (FL-138)/6	-	-	12 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-166)/6							8 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-190)/6					1 90°	FL-106	12 90°				-	-	-	-	-	-					-	-		
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-218)/6							8 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		

45° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER									GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-201-18							
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05	GL1			GL2				GL1			GL2				CL1		CH		CL2		CH		CL1		CH		CL2		CH	
													QUANTITY (MİKTAR)	FORMULA (ORAN)	Horizontal / Yatay	QUANTITY (MİKTAR)	FORMULA (ORAN)	Vertical / Düşey	QUANTITY (MİKTAR)	FORMULA (ORAN)	Horizontal / Yatay	QUANTITY (MİKTAR)	FORMULA (ORAN)	Vertical / Düşey	QUANTITY (MİKTAR)	FORMULA (ORAN)	Horizontal / Yatay	QUANTITY (MİKTAR)	FORMULA (ORAN)	Vertical / Düşey	QUANTITY (MİKTAR)	FORMULA (ORAN)	Horizontal / Yatay	QUANTITY (MİKTAR)	FORMULA (ORAN)	Vertical / Düşey	QUANTITY (MİKTAR)	FORMULA (ORAN)	Horizontal / Yatay	QUANTITY (MİKTAR)	FORMULA (ORAN)	Vertical / Düşey
4 + 2	8A	77BF-101-18	77BF-101-18	1FL + 10FH	1FL + 10FH	FL	2FL + 3FH	FH	8 (CL1+CH1) + 4 (CL2 +CH2)	8 (CL1+CH1) + 4 (CL2 +CH2)	8 (CL1+CH1) + 4 (CL2 +CH2)	2 FL+ 4FH	4	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	4	GL1 = SL1-88	GH = SH-88	2	GL2 = SL2-88	GH = SH-88	8	CL1 = SL1-78	8	CH = SH-122	4	CL2 = SL2-78	4	CH = SH-122	8	CL1 = SL1-78	8	CH = SH-106	4	CL2 = SL2-78	4	CH = SH-106
		77BF-101-18 + 77BF-401-18					2FL + 5FH																															
5 + 1	6A	77BF-101-18	77BF-101-18	1FL + 10FH	1FL + 10FH	FL	2FL +4FH	-	12 (CL1+CH1)	12 (CL1+CH1)	12 (CL1+CH1)	2 FL+ 4FH	6	GL1 = SL1-98	GH = SH-98	-	-	-	6	GL1 = SL1-88	GH = SH-88	-	-	-	12	CL1 = SL1-78	12	CH = SH-122	-	-	-	-	12	CL1 = SL1-78	12	CH = SH-106	-	-	-	-
	6B & 6C	77BF-101-18					2FL +4FH																															
	6A*	77BF-101-18 + 77BF-401-18					2FL +6FH																															
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL +6FH																															
6 + 0	3A	77BF-101-18	77BF-101-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH	FH	10 (CL1+CH1) + 2 (CL2 +CH2)	10 (CL1+CH1) + 2 (CL2 +CH2)	10 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	5	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	5	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	10	CL1 = SL1-78	10	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	10	CL1 = SL1-78	10	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
		77BF-101-18 + 77BF-401-18					2FL + 4FH																															
4 + 3	7A	77BF-101-18	77BF-101-18	1FL + 12FH	1FL + 12FH	FL	2FL +4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	6	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	6	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	12	CL1 = SL1-78	12	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
	7B & 7C	77BF-101-18					2FL +4FH																															
	7A*	77BF-101-18 + 77BF-401-18					2FL +6FH																															
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL +6FH																															
5 + 2	7A	77BF-101-18	77BF-101-18	1FL + 12FH	1FL + 12FH	FL	2FL +4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	6	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	6	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	12	CL1 = SL1-78	12	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
	7B & 7C	77BF-101-18					2FL +4FH																															
	7A*	77BF-101-18 + 77BF-401-18					2FL +6FH																															
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL +6FH																															

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
4 + 2	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			8 45°	SL1 = ((FL-166)/6)-15,3	4 45°	SL2=SL1+51	12 45°	SH = FH-92	1 90°	FL-54	8 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-218)/6)-15,3					1 90°	FL-106																		
5 + 1	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			12 45°	SL1 = (FL-138)/6	-	-	12 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-166)/6							8 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = (FL-190)/6					1 90°	FL-106	12 90°				-	-	-	-	-	-					-	-		
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-218)/6							8 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
6 + 0	3A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			10 45°	SL1 = ((FL-152)/6)-7,6	2 45°	SL2=SL1+51	12 45°	SH = FH-92	1 90°	FL-54	10 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-204)/6)-7,6					1 90°	FL-106																		
4 + 3	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			12 45°	SL1 = ((FL-164)/7)-6,6	2 45°	SL2=SL1+51	14 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-178)/7)-6,6							10 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-216)/7)-6,6					1 90°	FL-106	12 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-230)/7)-6,6							10 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
5 + 2	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			12 45°	SL1 = ((FL-164)/7)-6,6	2 45°	SL2=SL1+51	14 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-178)/7)-6,6							10 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-216)/7)-6,6					1 90°	FL-106	12 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-230)/7)-6,6							10 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280

45° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER									GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-201-18							
													GL1				GL2				GL1				GL2				CL1		CH		CL2		CH	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05	QUANTITY (ADET)	FORMULA (ÖRNEK)	Horizontal / Yatay	Vertical / Düşey	QUANTITY (ADET)	FORMULA (ÖRNEK)	Horizontal / Yatay	Vertical / Düşey	QUANTITY (ADET)	FORMULA (ÖRNEK)	Horizontal / Yatay	Vertical / Düşey	QUANTITY (ADET)	FORMULA (ÖRNEK)	Horizontal / Yatay	Vertical / Düşey	QUANTITY (ADET)	FORMULA (ÖRNEK)	Horizontal / Yatay	Vertical / Düşey	QUANTITY (ADET)	FORMULA (ÖRNEK)	Horizontal / Yatay	Vertical / Düşey
6 + 1	7A	77BF-101-18	77BF-101-18	1FL + 12FH	1FL + 12FH	FL	2FL +4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	6	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	6	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	12	CL1 = SL1-78			12	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122		
	7B & 7C	77BF-101-18					2FL +4FH																															
	7A*	77BF-101-18 + 77BF-401-18					2FL +6FH																															
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL +6FH																															
7 + 0	2A	77BF-101-18	77BF-101-18	1FL + 13FH	1FL + 13FH	FL	2FL +3FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	2 FL+ 4FH	7	GL1 = SL1-98		GH = SH-98	-	-		-	7	GL1 = SL1-88		GH = SH-88	-	-		-	14	CL1 = SL1-78			14	CH = SH-122			-	-		-	-	-		
	2B & 2C	77BF-101-18					2FL +3FH																															
	2A*	77BF-101-18 + 77BF-401-18					2FL +5FH																															
	2B & 2C	77BF-101-18 + 77BF-401-18					2FL +5FH																															
4 + 4	8A	77BF-101-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 3FH	FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	2 FL+ 4FH	6	GL1 = SL1-98		GH = SH-98	2	GL2 = SL2-98		GH = SH-98	6	GL1 = SL1-88		GH = SH-88	2	GL2 = SL2-88		GH = SH-88	12	CL1 = SL1-78			12	CH = SH-122			4	CL2 = SL2-78			4	CH = SH-122		
		77BF-101-18 + 77BF-401-18					2FL + 5FH																															
5 + 3	6A	77BF-101-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL +4FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL+ 4FH	8	GL1 = SL1-98		GH = SH-98	-	-		-	8	GL1 = SL1-88		GH = SH-88	-	-		-	16	CL1 = SL1-78			16	CH = SH-122			-	-		-	-	-		
	6B & 6C	77BF-101-18					2FL +4FH																															
	6A*	77BF-101-18 + 77BF-401-18					2FL +6FH																															
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL +6FH																															

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
6 + 1	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			12 45°	SL1 = ((FL-164)/7)-6,6	2 45°	SL2=SL1+51	14 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	1 90°	SH-280
	7B & 7C	77BF-101-18									SL1 = ((FL-178)/7)-6,6							10 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1		
	7A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-216)/7)-6,6						1 90°	FL-106	12 90°	SL1-12			-	-	1 90° / 45°		1 90° / 45°						-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-230)/7)-6,6							10 90°	SL1-12			2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1		
7 + 0	2A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			14 45°	SL1 = (FL-150)/7	-	'	14 45°	SH = FH-92	1 90°	FL-54	14 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	-	-	-	-		
	2B & 2C	77BF-101-18									SL1 = (FL-164)/7							12 90°				2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7					1 90°	SH+1		
	2A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = (FL-202)/7						1 90°	FL-106	14 90°				-	-	-	-	-	-					-	-	-	-
	2B & 2C	77BF-101-18 + 77BF-401-18									SL1 = (FL-216)/7							12 90°				2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7					1 90°	SH+1	-	-
4 + 4	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			12 45°	SL1 = ((FL-190)/8)-11,5	4 45°	SL2=SL1+51	16 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-242)/8)-11,5						1 90°	FL-106																		
5 + 3	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			16 45°	SL1 = (FL-162)/8	-	'	16 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-190)/8							12 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = (FL-214)/8						1 90°	FL-106	16 90°				-	-	-	-	-	-					-	-	-	-
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-242)/8							12 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1	-	-

45° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER									GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18								GLAZING BEAD / CAM ÇİTASI 77BF-201-18							
													GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTARI	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey
6 + 2	8A	77BF-101-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 3FH	FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	2 FL+ 4FH	6	GL1 = SL1-98		GH = SH-98	2	GL2 = SL2-98		GH = SH-98	6	GL1 = SL1-88		GH = SH-88	2	GL2 = SL2-88		GH = SH-88	12	CL1 = SL1-78			12	CH = SH-122			4	CL2 = SL2-78			4	CH = SH-122			12	CL1 = SL1-78			12	CH = SH-106			4	CL2 = SL2-78			4	CH = SH-106		
		77BF-101-18 + 77BF-401-18					1FL + 5FH																																																
7 + 1	6A	77BF-101-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 4FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL+ 4FH	8	GL1 = SL1-98		GH = SH-98	-	-		-	8	GL1 = SL1-88		GH = SH-88	-	-		-	16	CL1 = SL1-78			16	CH = SH-122			-	-		-	-	-			16	CL1 = SL1-78			16	CH = SH-106			-	-		-	-	-		
	6B & 6C	77BF-101-18					2FL + 4FH																																															
	6A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															
5 + 4	7A	77BF-101-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	-	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	8	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	8	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	16	CL1 = SL1-78			16	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			16	CL1 = SL1-78			16	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
	7B & 7C	77BF-101-18					2FL + 4FH																																															
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															
6 + 3	7A	77BF-101-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	-	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	8	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	8	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	16	CL1 = SL1-78			16	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			16	CL1 = SL1-78			16	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
	7B & 7C	77BF-101-18					2FL + 4FH																																															
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															
7 + 2	7A	77BF-101-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	-	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	8	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	8	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	16	CL1 = SL1-78			16	CH = SH-122			2	CL2 = SL2-78			2	CH = SH-122			16	CL1 = SL1-78			16	CH = SH-106			2	CL2 = SL2-78			2	CH = SH-106		
	7B & 7C	77BF-101-18					2FL + 4FH																																															
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																															

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
6 + 2	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			12 45°	SL1 = ((FL-190)/8)-11,5	4 45°	SL2=SL1+51	16 45°	SH = FH-92	1 90°	FL-44	12 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-242)/8)-11,5					1 90°	FL-106																		
7 + 1	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			16 45°	SL1 = (FL-162)/8	-	-	16 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-190)/8							12 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = (FL-214)/8					1 90°	FL-106	16 90°		-	-	-	-	-	-	-	-					-	-		
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-242)/8							12 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
5 + 4	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			16 45°	SL1 = ((FL-188)/9)-5,1	2 45°	SL2=SL1+51	18 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-202)/9)-5,1							14 90°				2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-240)/9)-5,1					1 90°	FL-106	16 90°		-	-	-	-	1 90° / 45°	SH+14	1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-254)/9)-5,1							14 90°				2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°						1 90°	SH+1	1 90°	SH-280
6 + 3	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			16 45°	SL1 = ((FL-188)/9)-5,1	2 45°	SL2=SL1+51	18 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-202)/9)-5,1							14 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = ((FL-240)/9)-5,1					1 90°	FL-106	16 90°		-	-	-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-254)/9)-5,1							14 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
7 + 2	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			16 45°	SL1 = ((FL-188)/9)-5,1	2 45°	SL2=SL1+51	18 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-202)/9)-5,1							14 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = ((FL-240)/9)-5,1					1 90°	FL-106	16 90°		-	-	-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-254)/9)-5,1							14 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280

45° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER									GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-201-18							
													GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05	QUANTITY MİKTARI	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTARI	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTARI	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTARI	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTARI	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey		QUANTITY MİKTARI	FORMULA FORMÜL Horizontal / Yatay	FORMULA FORMÜL Vertical / Düşey	
5 + 5	6A	77BF-101-18	77BF-101-18	1FL + 18FH	1FL + 18FH	FL	2FL + 4FH	-	20 (CL1+CH1)	20 (CL1+CH1)	20 (CL1+CH1)	2 FL+ 4FH	10	GL1 = SL1-98	GH = SH-98	-	-	-	-	10	GL1 = SL1-88	GH = SH-88	-	-	-	-	20	CL1 = SL1-78	-	-	20	CH = SH-122	-	-	20	CL1 = SL1-78	-	-	20	CH = SH-106	-	-
	6B & 6C	77BF-101-18					2FL + 4FH																																	
	6A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	
7 + 3	6A	77BF-101-18	77BF-101-18	1FL + 18FH	1FL + 18FH	FL	2FL + 4FH	-	20 (CL1+CH1)	20 (CL1+CH1)	20 (CL1+CH1)	2 FL+ 4FH	10	GL1 = SL1-98	GH = SH-98	-	-	-	-	10	GL1 = SL1-88	GH = SH-88	-	-	-	-	20	CL1 = SL1-78	-	-	20	CH = SH-122	-	-	20	CL1 = SL1-78	-	-	20	CH = SH-106	-	-
	6B & 6C	77BF-101-18					2FL + 4FH																																	
	6A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	
6 + 4	8A	77BF-101-18	77BF-101-18	1FL + 18FH	1FL + 18FH	FL	2FL + 3FH	FH	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	2 FL+ 4FH	8	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	8	GL1 = SL1-88	GH = SH-88	2	GL2 = SL2-88	GH = SH-88	16	CL1 = SL1-78	16	CH = SH-122	4	CL2 = SL2-78	4	CH = SH-122	16	CL1 = SL1-78	16	CH = SH-106	4	CL2 = SL2-78	4	CH = SH-106
		77BF-101-18 + 77BF-401-18					2FL + 5FH																																	
6 + 5	7A	77BF-101-18	77BF-101-18	1FL + 20FH	1FL + 20FH	FL	2FL + 4FH	-	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	10	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	10	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	20	CL1 = SL1-78	20	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	20	CL1 = SL1-78	20	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
	7B & 7C	77BF-101-18					2FL + 4FH																																	
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	
7 + 4	7A	77BF-101-18	77BF-101-18	1FL + 20FH	1FL + 20FH	FL	2FL + 4FH	-	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	20 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	10	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	10	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	20	CL1 = SL1-78	20	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	20	CL1 = SL1-78	20	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
	7B & 7C	77BF-101-18					2FL + 4FH																																	
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL + 6FH																																	

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE / KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
5 + 5	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			20 45°	SL1 = (FL-186)/10	-	-	20 45°	SH = FH-92	1 90°	FL-54	20 90°	SL1-12	-	-	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-214)/10							16 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = (FL-238)/10					1 90°	FL-106	20 90°				-	-	-	-	-	-					-	-		
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-266)/10							16 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
7 + 3	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			20 45°	SL1 = (FL-186)/10	-	-	20 45°	SH = FH-92	1 90°	FL-54	20 90°	SL1-12	-	-	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-214)/10							16 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = (FL-238)/10					1 90°	FL-106	20 90°				-	-	-	-	-	-					-	-		
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-266)/10							16 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
6 + 4	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			16 45°	SL1 = ((FL-214)/10)-9,2	4 45°	SL2=SL1+51	20 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-266)/10)-9,2						FL-106																			
6 + 5	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			20 45°	SL1 = ((FL-212)/11)-4,1	2 45°	SL2=SL1+51	22 45°	SH = FH-92	1 90°	FL-54	20 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-226)/11)-4,1							18 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = ((FL-264)/11)-4,1					1 90°	FL-106	20 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-278)/11)-4,1							18 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
7 + 4	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			20 45°	SL1 = ((FL-212)/11)-4,1	2 45°	SL2=SL1+51	22 45°	SH = FH-92	1 90°	FL-54	20 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-226)/11)-4,1							18 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = ((FL-264)/11)-4,1					1 90°	FL-106	20 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-278)/11)-4,1							18 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280

45° **CUTTING SIZE LIST** / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE / KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER									GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇITASI 77BF-201-18								GLAZING BEAD / CAM ÇITASI 77BF-201-18							
													GL1				GL2				GL1				GL2				CL1				CH			
OPENING TYPE / AÇILIM TİPİ	SECTION TYPE / DETAY TİPİ	VERTICAL PROFILE / DÜŞEY PROFİL	BOTTOM DETAIL TYPE / ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05	QUANTITY / MİKTARI	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTARI	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTARI	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTARI	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTARI	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY / MİKTARI	FORMULA / FORMÜL	Horizontal / Yatay	Vertical / Düşey
6 + 6	8A	77BF-101-18	77BF-101-18	1FL + 22FH	1FL + 22FH	FL	2FL + 3FH	FH	20 (CL1+CH1) + 4 (CL2 +CH2)	20 (CL1+CH1) + 4 (CL2 +CH2)	20 (CL1+CH1) + 4 (CL2 +CH2)	2 FL+ 4FH	10	GL1 = SL1-98		GH = SH-98	2	GL2 = SL2-98		GH = SH-98	10	GL1 = SL1-88		GH = SH-88	2	GL2 = SL2-88		GH = SH-88	20	CL1 = SL1-78			20	CH = SH-122		
		77BF-101-18 + 77BF-401-18					2FL + 5FH																													
7 + 5	6A	77BF-101-18	77BF-101-18	1FL + 22FH	1FL + 22FH	FL	2FL + 4FH	-	24 (CL1+CH1)	24 (CL1+CH1)	24 (CL1+CH1)	2 FL+ 4FH	12	GL1 = SL1-98		GH = SH-98	-	-		-	12	GL1 = SL1-88		GH = SH-88	-	-		-	24	CL1 = SL1-78			24	CH = SH-122		
	6B & 6C	77BF-101-18					2FL + 4FH																													
	6A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																													
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL + 6FH																													
7 + 6	7A	77BF-101-18	77BF-101-18	1FL + 24FH	1FL + 24FH	FL	2FL + 4FH	-	24 (CL1+CH1) + 2 (CL2 +CH2)	24 (CL1+CH1) + 2 (CL2 +CH2)	24 (CL1+CH1) + 2 (CL2 +CH2)	2 FL+ 4FH	12	GL1 = SL1-98		GH = SH-98	1	GL2 = SL2-98		GH = SH-98	12	GL1 = SL1-88		GH = SH-88	1	GL2 = SL2-88		GH = SH-88	24	CL1 = SL1-78			24	CH = SH-122		
	7B & 7C	77BF-101-18					2FL + 4FH																													
	7A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																													
	7B & 7C	77BF-101-18 + 77BF-401-18					2FL + 6FH																													
7 + 7	6A	77BF-101-18	77BF-101-18	1FL + 26FH	1FL + 26FH	FL	2FL + 4FH	-	28 (CL1+CH1)	28 (CL1+CH1)	28 (CL1+CH1)	2 FL+ 4FH	14	GL1 = SL1-98		GH = SH-98	-	-		-	14	GL1 = SL1-88		GH = SH-88	-	-		-	28	CL1 = SL1-78			28	CH = SH-122		
	6B & 6C	77BF-101-18					2FL + 4FH																													
	6A*	77BF-101-18 + 77BF-401-18					2FL + 6FH																													
	6B & 6C	77BF-101-18 + 77BF-401-18					2FL + 6FH																													

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

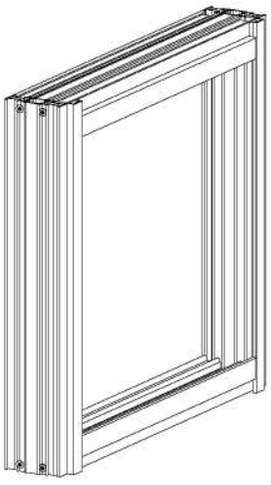
45° CUTTING SIZE / KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTAR / AÇI	FORMULA / FORMÜL
6 + 6	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			20 45°	SL1 = ((FL-238)/12)-7,6	4 45°	SL2=SL1+51	24 45°	SH = FH-92	1 90°	FL-54	20 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
		77BF-101-18 + 77BF-401-18						2 90°	FH-54		SL1 = ((FL-290)/12)-7,6					1 90°	FL-106																		
7 + 5	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			24 45°	SL1 = (FL-210)/12	-	-	24 45°	SH = FH-92	1 90°	FL-54	24 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-238)/12							20 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = (FL-262)/12					1 90°	FL-106	24 90°				-	-	-	-	-	-					-	-	-	-
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-290)/12							20 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
7 + 6	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			24 45°	SL1 = ((FL-236)/13)-3,5	2 45°	SL2=SL1+51	26 45°	SH = FH-92	1 90°	FL-54	24 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	7B & 7C	77BF-101-18									SL1 = ((FL-250)/13)-3,5							22 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = ((FL-288)/13)-3,5					1 90°	FL-106	24 90°				-	-	1 90° / 45°		1 90° / 45°						-	-	-	-
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-302)/13)-3,5							22 90°				2 90° / 45°	SL1+8	2 90° / 45°		2 90° / 45°						1 90°	SH+1	1 90°	SH-280
7 + 7	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH			28 45°	SL1 = (FL-234)/14	-	-	28 45°	SH = FH-92	1 90°	FL-54	28 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-
	6B & 6C	77BF-101-18									SL1 = (FL-262)/14							24 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		
	6A*	77BF-101-18 + 77BF-401-18						2 90°	SH - 54		SL1 = (FL-286)/14					1 90°	FL-106	28 90°				-	-	-	-	-	-					-	-	-	-
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-314)/14							24 90°				4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7					2 90°	SH+1		

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ASSEMBLY DETAILS
MONTAJ DETAYLARI

FRAME ASSEMBLY / KASA UYGULAMA

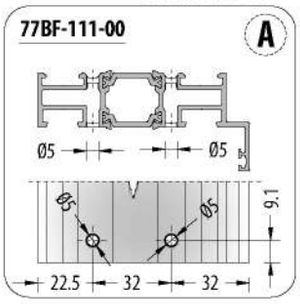


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ALT YATAY KASA

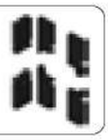
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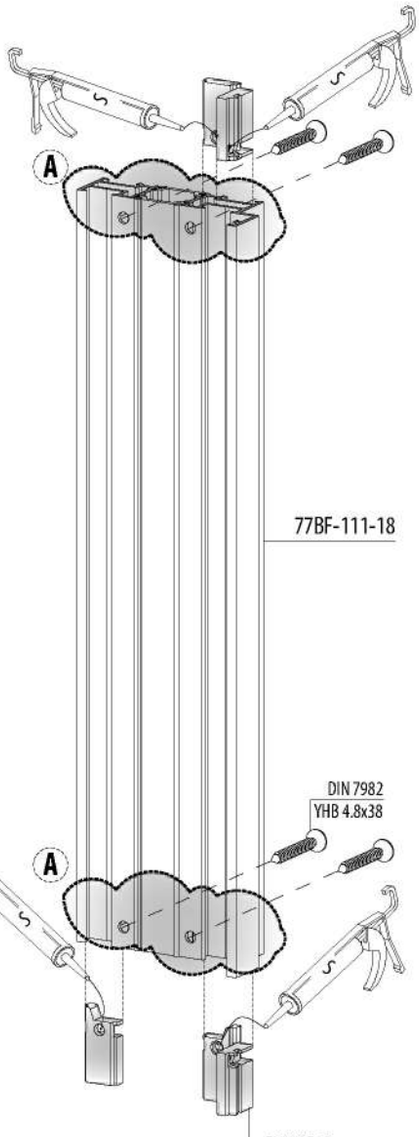
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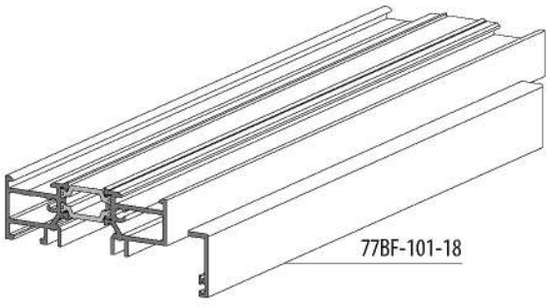
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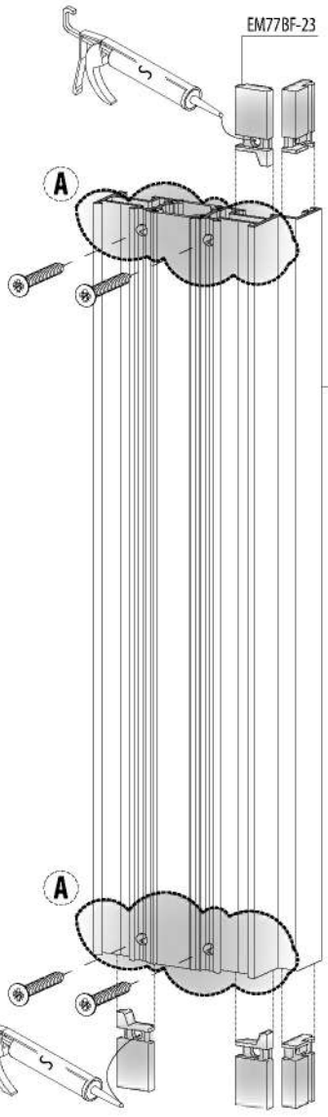


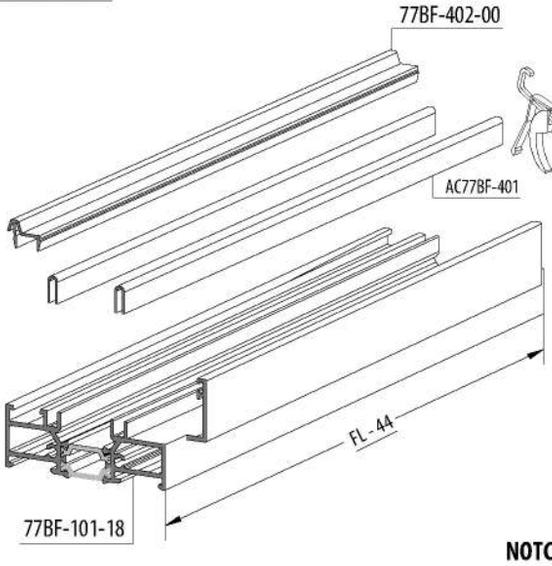
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INSULATION PLASTIC
KASA BİRLEŞİM
İZOLASYON PLASTİĞİ





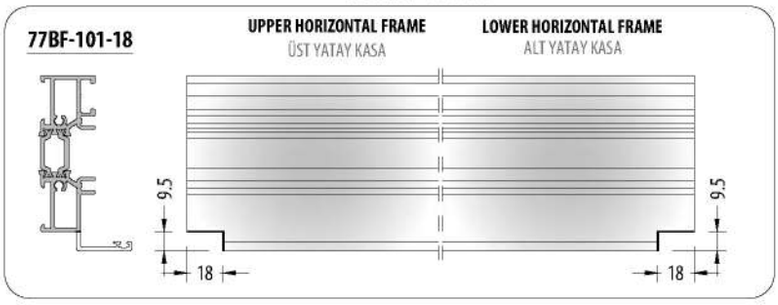




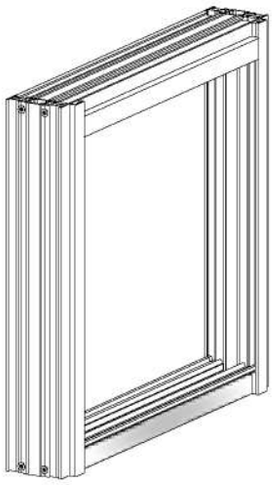


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77BF-101-18



FRAME ASSEMBLY / KASA UYGULAMA

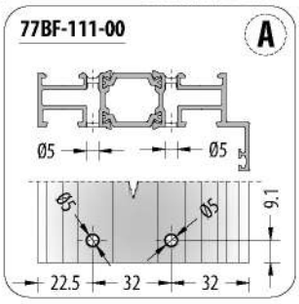


LOWER HORIZONTAL FRAME
ALT YATAY KASA

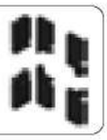
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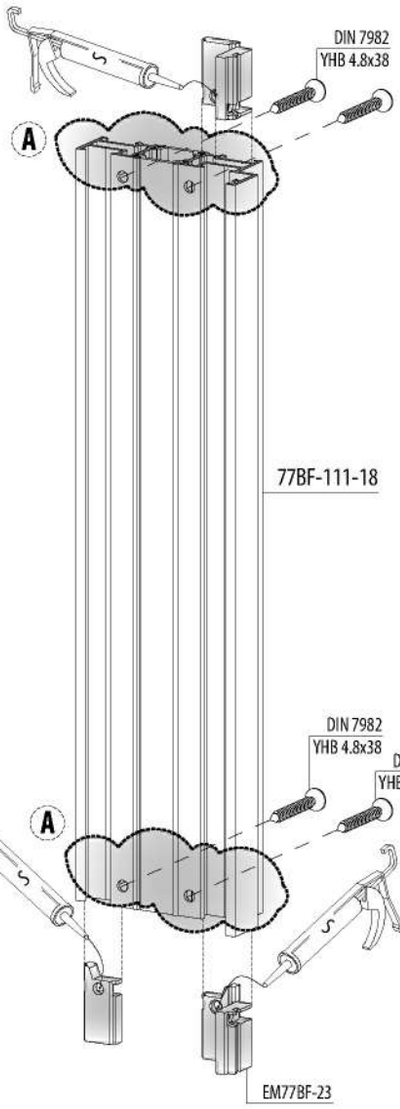
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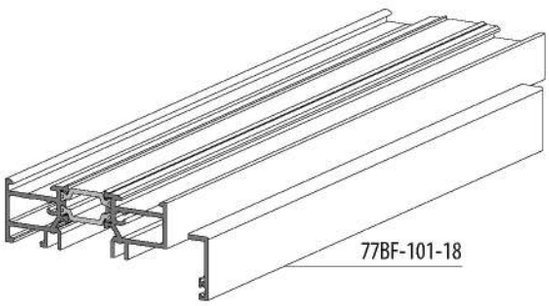
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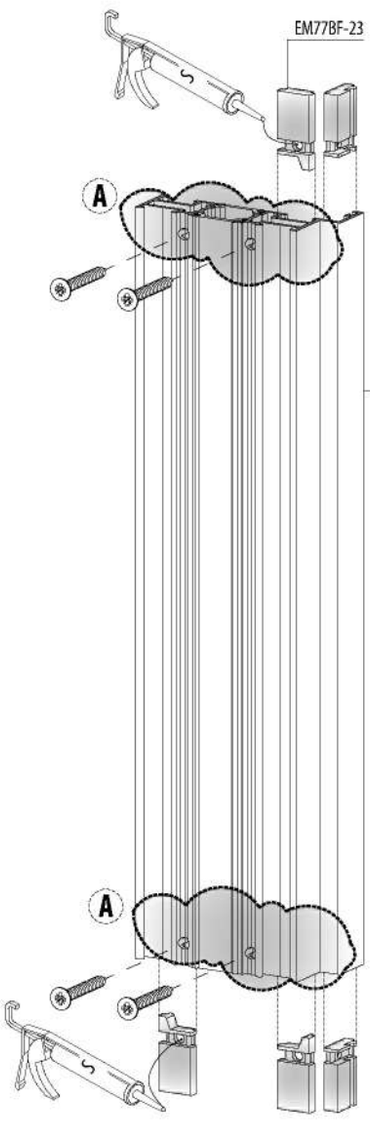


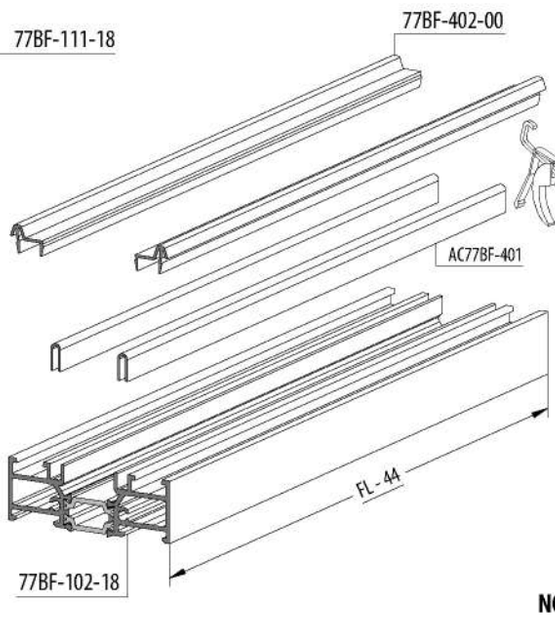
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FRAME JOINT
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KASA BİRLEŞİM
İZOLASYON PLASTİĞİ







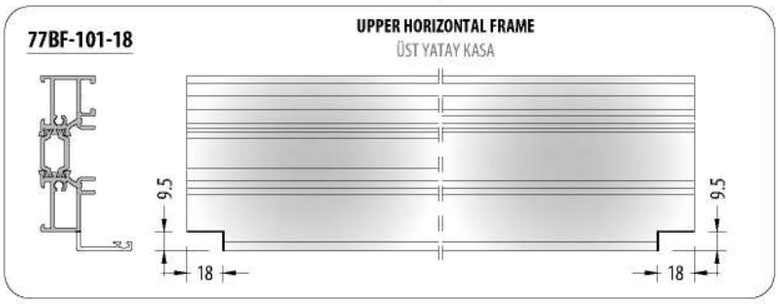




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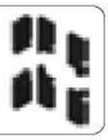
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UPPER HORIZONTAL FRAME
ÜST YATAY KASA



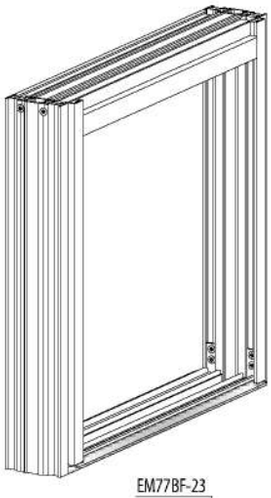
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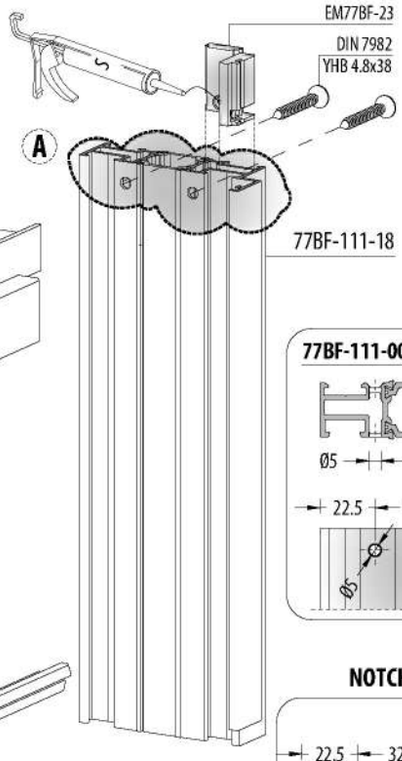
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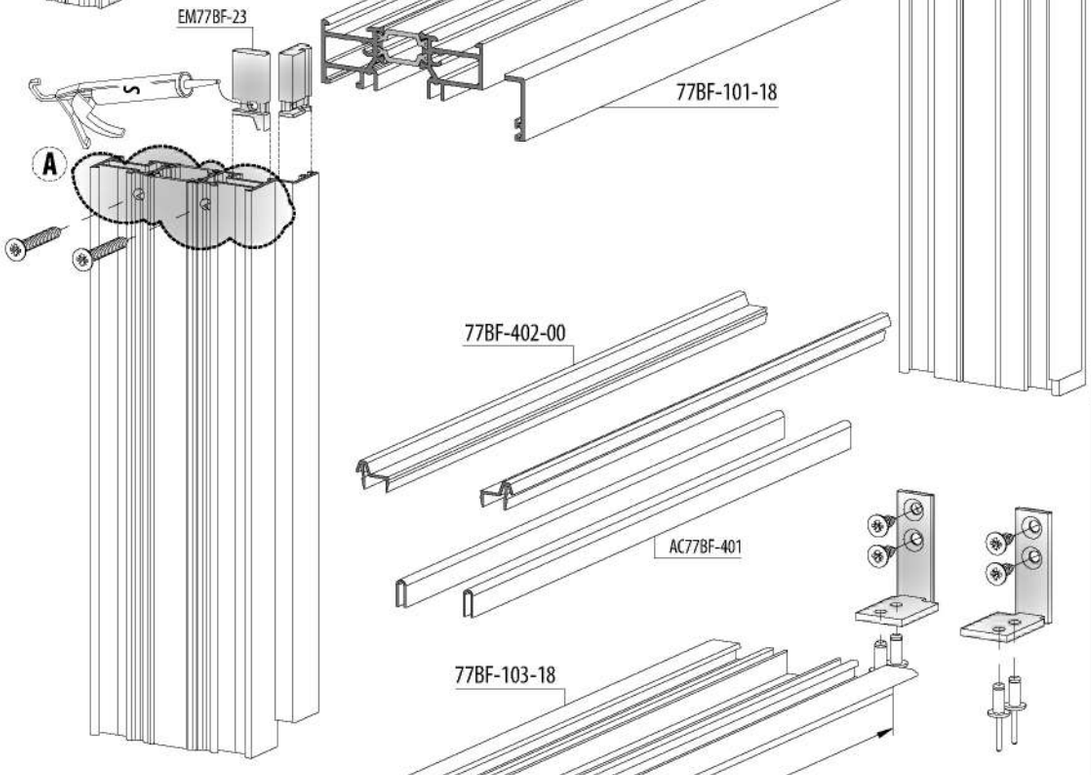


LOWER HORIZONTAL FRAME
ALT YATAY KASA

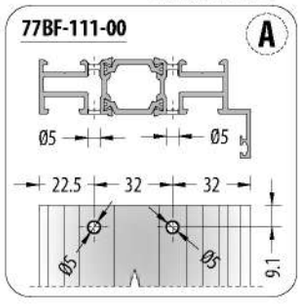
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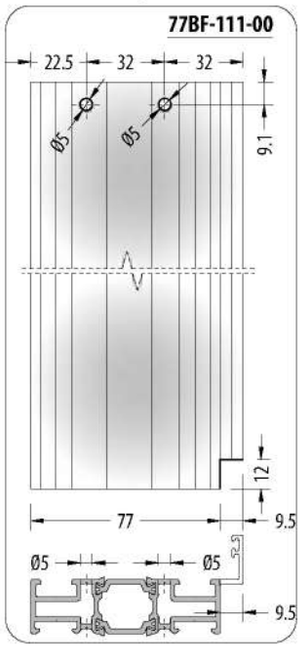




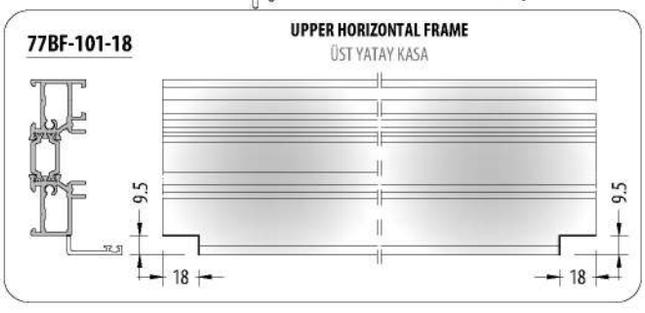
DETAIL / DETAY

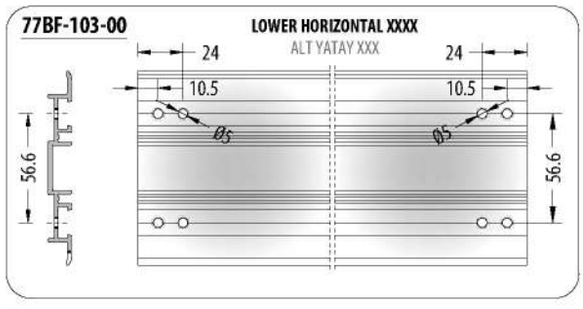


NOTCH / KERTME



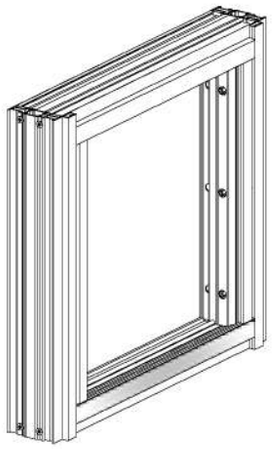
NOTCH / KERTME





ADJUSTMENT ADAPTER PROFILE / AYAR ADAPTÖR PROFİLİ

77BF-401-18



LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-101-18

EM77BF-23
FRAME JOINT INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON PLASTİĞİ



AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI

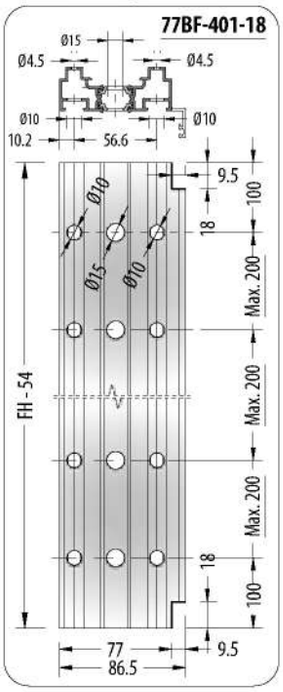


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SETSKUR



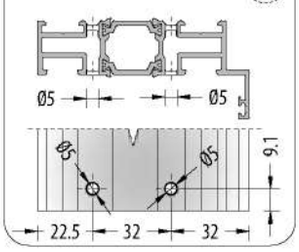
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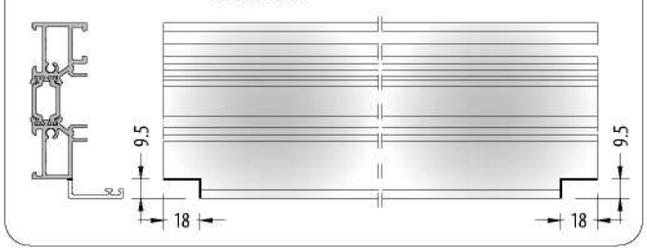
DETAIL / DETAY

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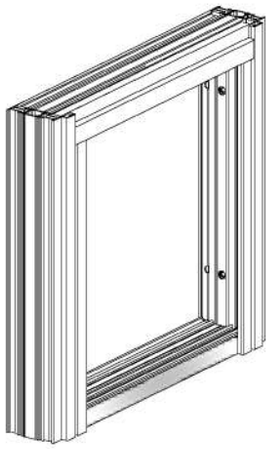
NOTCH / KERTME

77BF-101-18



ADJUSTMENT ADAPTER PROFILE / AYAR ADAPTÖR PROFİLİ

77BF-401-18



LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-102-18

EM77BF-23
FRAME JOINT INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON PLASTİĞİ



AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI

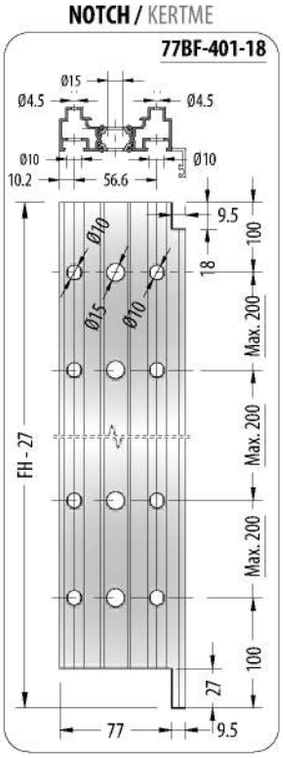


AC77BF-412
SET SCREW
SETSKUR



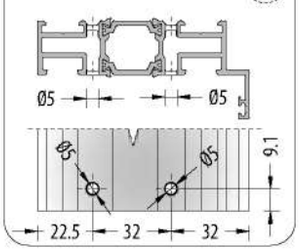
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77BF-401-18



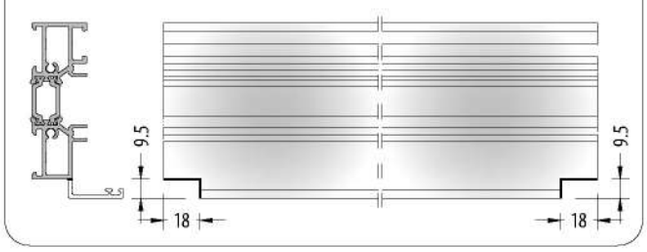
DETAIL / DETAY

77BF-111-00 **A**



NOTCH / KERTME

77BF-101-18



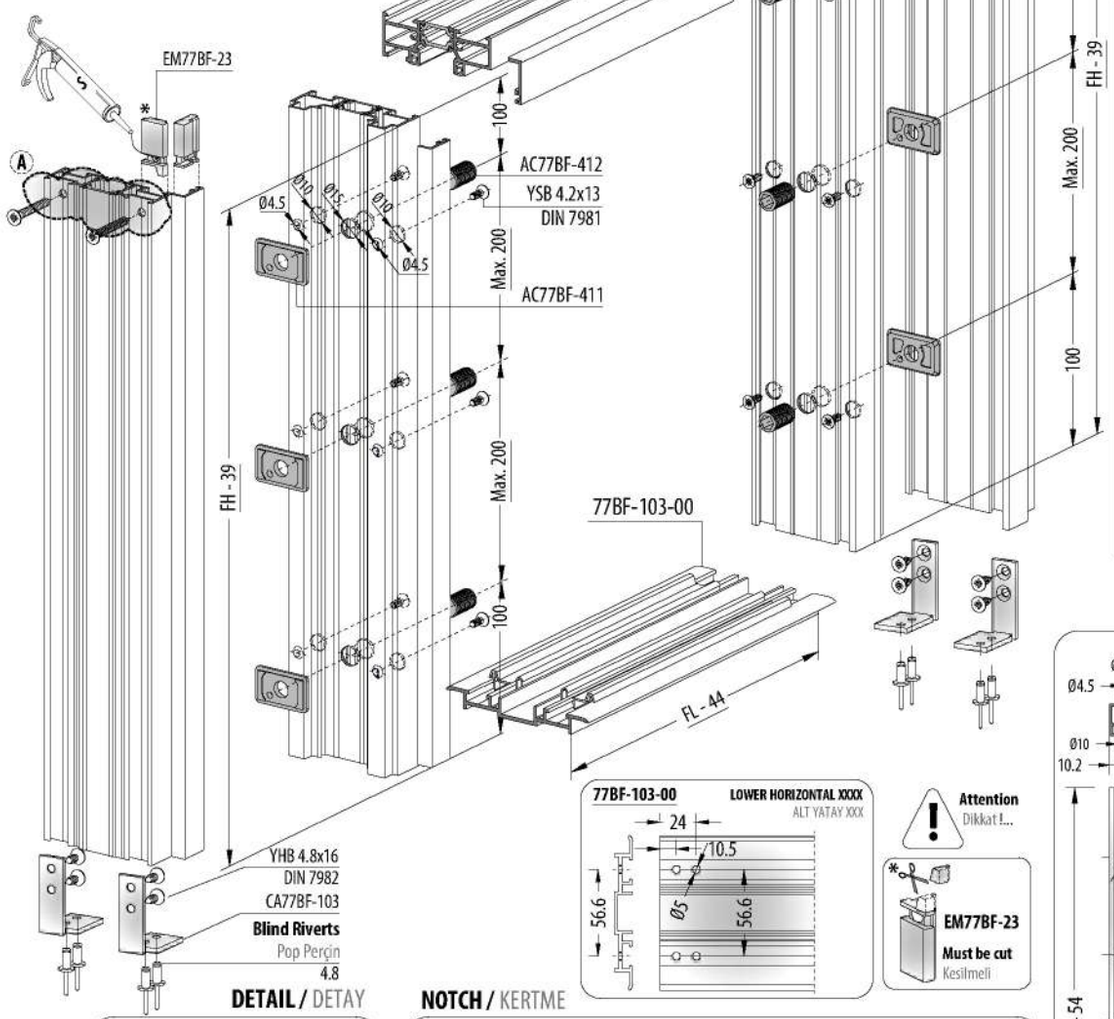
ADJUSTMENT ADAPTER PROFILE / AYAR ADAPTÖR PROFİLİ

77BF-401-18

LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-103-00





EM77BF-23
FRAME JOINT INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON PLASTİĞİ



AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI



AC77BF-412
SET SCREW
SETSKUR

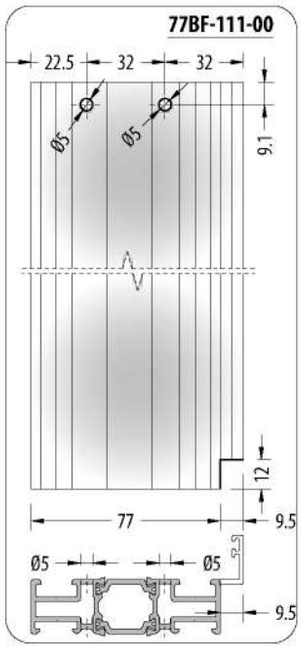


CA77BF-103
FRAME CORNER JOINT
KASA KÖŞE BAĞLANTI



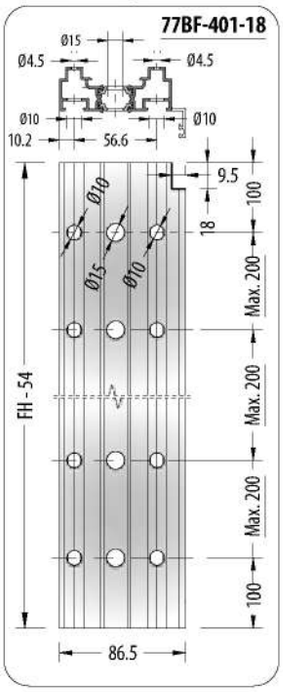
NOTCH / KERTME

77BF-111-00



NOTCH / KERTME

77BF-401-18



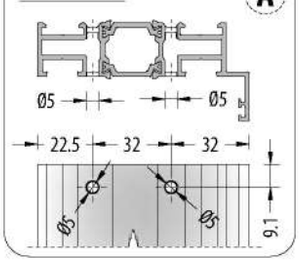
77BF-103-00 LOWER HORIZONTAL XXXX
ALT YATAY XXX

Attention
Dikkat !...

EM77BF-23
Must be cut
Kesilmeli

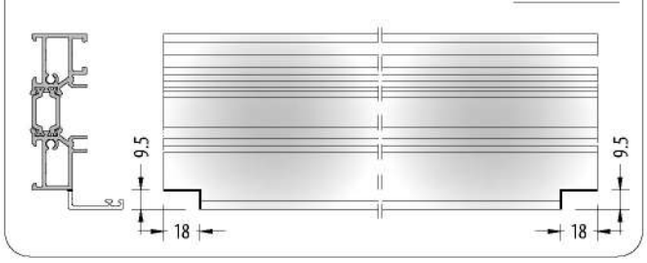
DETAIL / DETAY

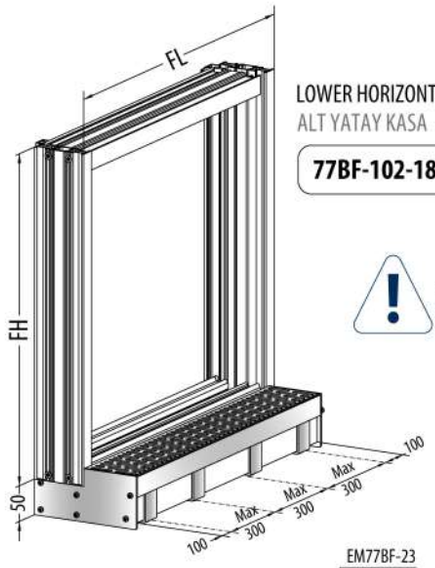
77BF-111-00 **A**



NOTCH / KERTME

77BF-101-18





LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-102-18 / 77BF-151-18

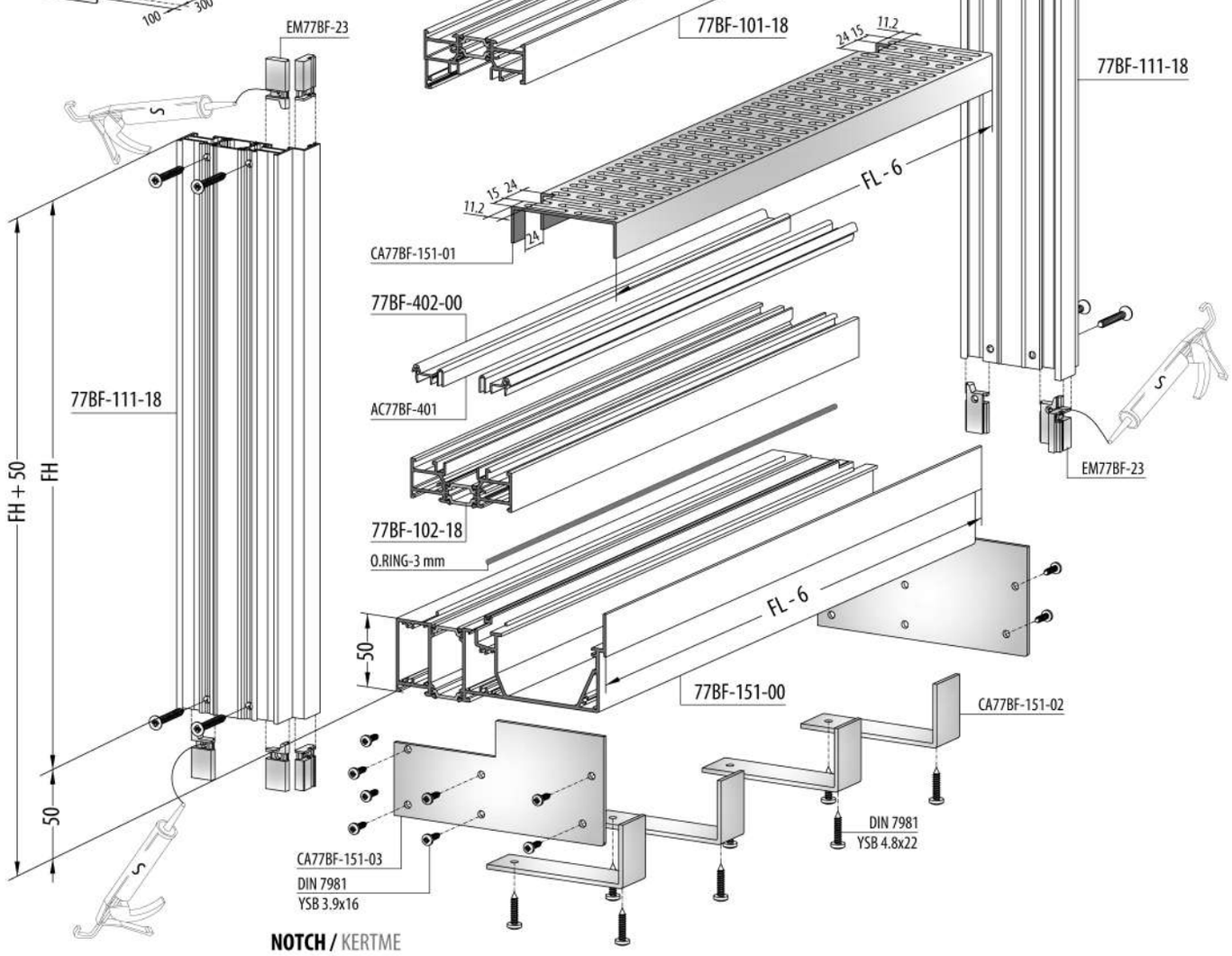
FRAME ASSEMBLY / KASA UYGULAMA

INWARD OPENING / İÇE AÇILIR

EM77BF-23
FRAME JOINT INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON PLASTİĞİ

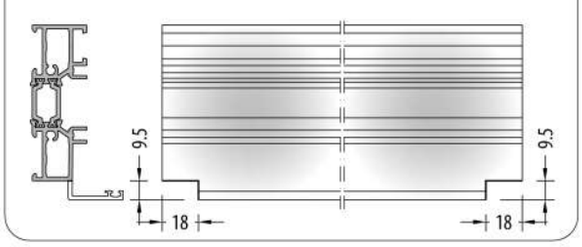
Attention
Dikkat !...

For frame manufacturing height (FH); You can do all manufacturing using general formulas by dropping 50 mm (gutter height) from the installation height.
Kasa imalat yüksekliği (FH) için; montaj yerinin yüksekliğinden 50 mm düşerek (oluk yüksekliği) tüm imalatları genel formüllerden yapabilirsiniz.

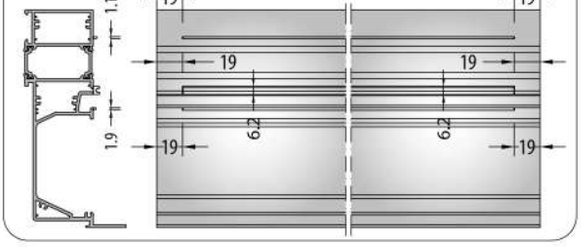


NOTCH / KERTME

77BF-101-18 — **UPPER HORIZONTAL FRAME** / ÜST YATAY KASA



77BF-151-00 — **LOWER HORIZONTAL FRAME** / ALT YATAY KASA



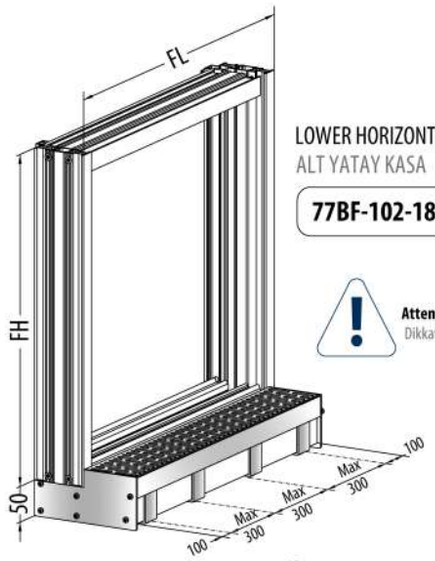
FRAME ASSEMBLY / KASA UYGULAMA

OUTWARD OPENING / DIŞA AÇILIR

LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-102-18 / 77BF-151-18

EM77BF-23
FRAME JOINT INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON PLASTİĞİ

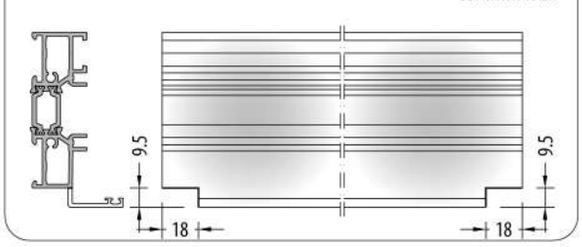


Attention
Dikkat !...

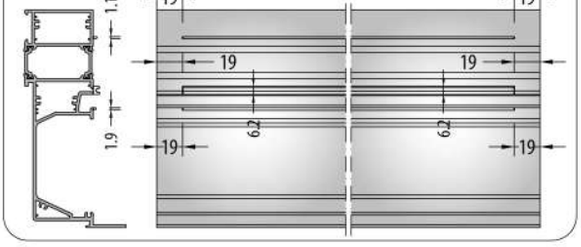
For frame manufacturing height (FH); You can do all manufacturing using general formulas by dropping 50 mm (gutter height) from the installation height.
Kasa imalat yüksekliği (FH) için; montaj yerinin yüksekliğinden 50 mm düşerek (oluk yüksekliği) tüm imalatları genel formüllerden yapabilirsiniz.

NOTCH / KERTME

77BF-101-18 — **UPPER HORIZONTAL FRAME** / ÜST YATAY KASA

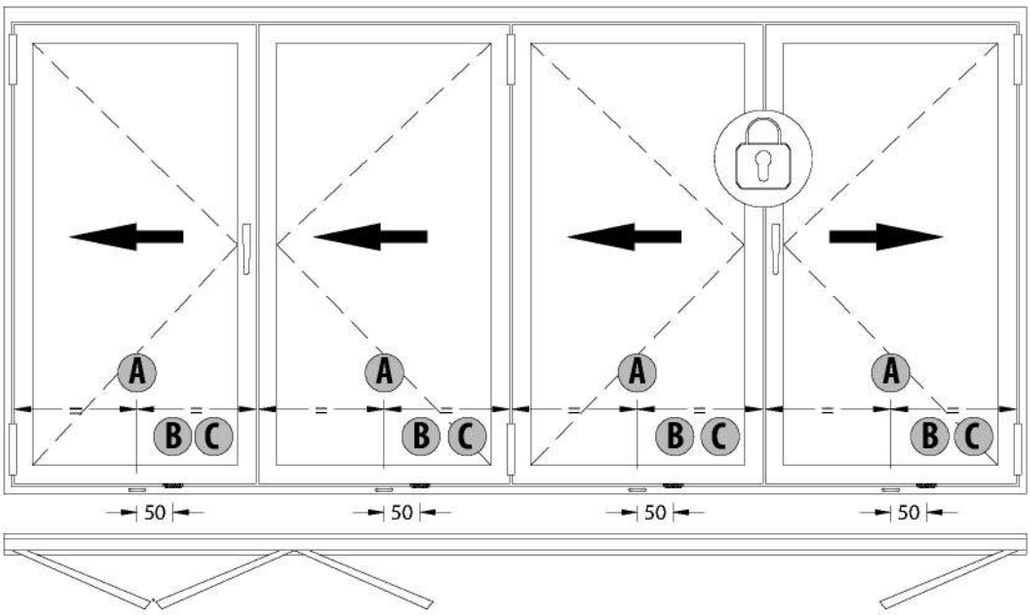


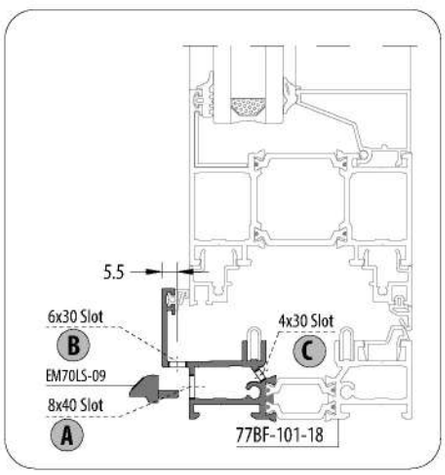
77BF-151-00 — **LOWER HORIZONTAL FRAME** / ALT YATAY KASA



FRAME WATER DRANAIGE / KASA TAHLİYE | **77BF-101-18**

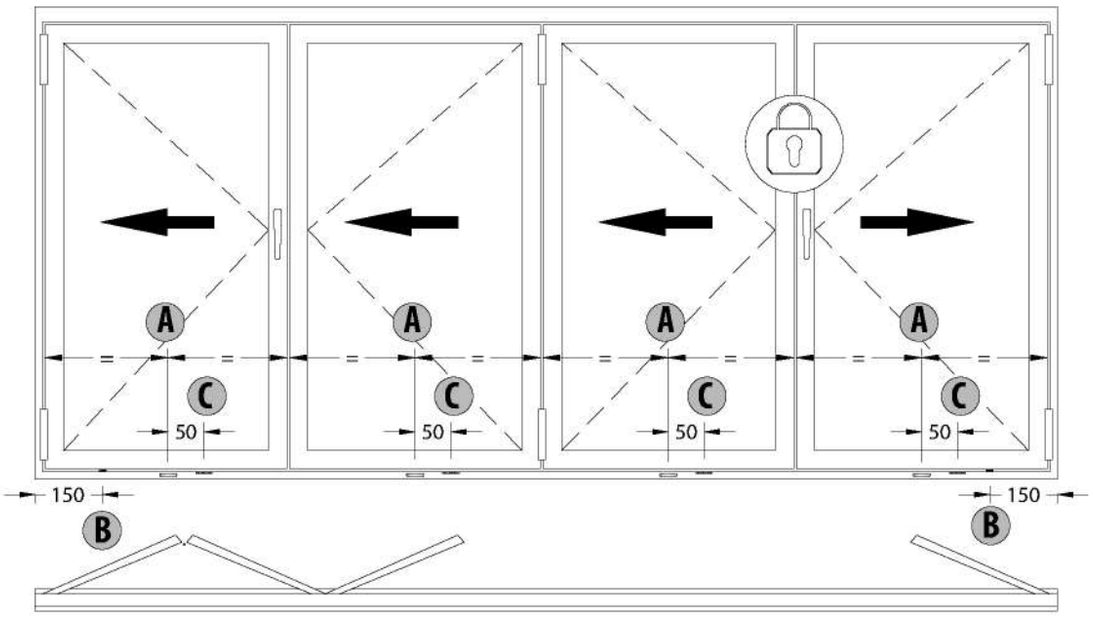
INWARD OPENING / İÇE AÇILIR

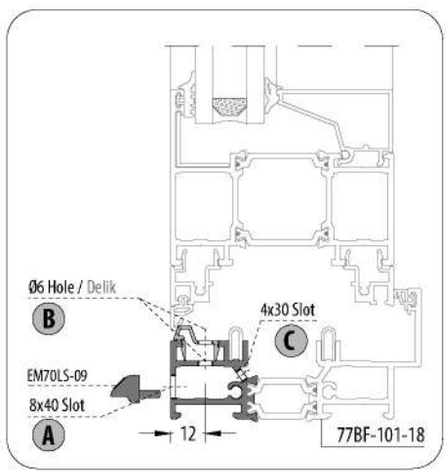




FRAME WATER DRANAIGE / KASA TAHLİYE | **77BF-101-18**

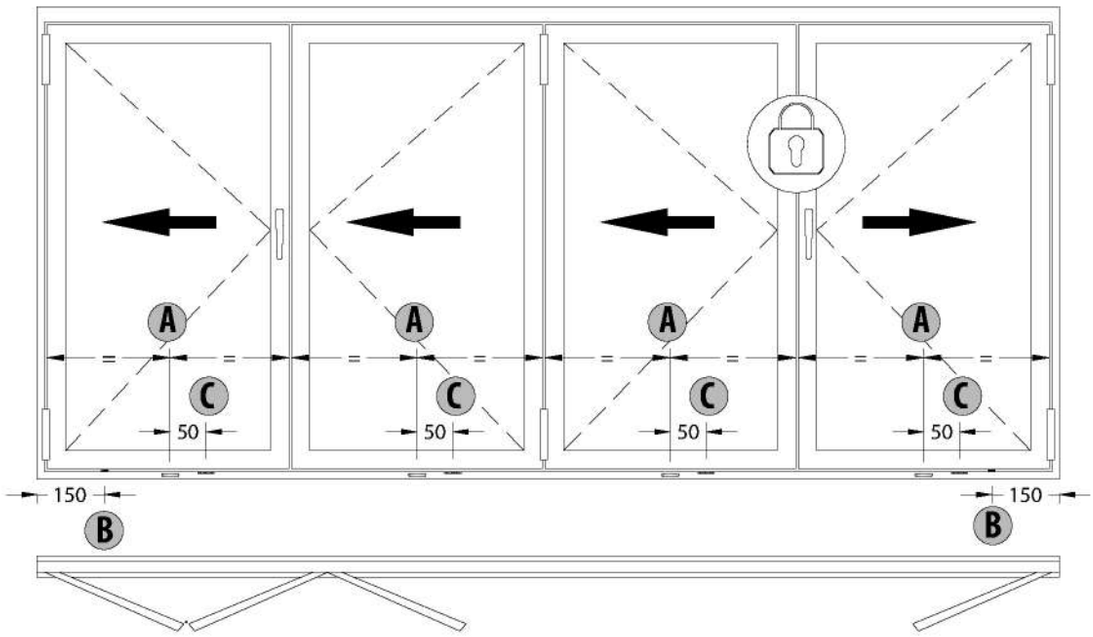
OUTWARD OPENING / DIŞA AÇILIR

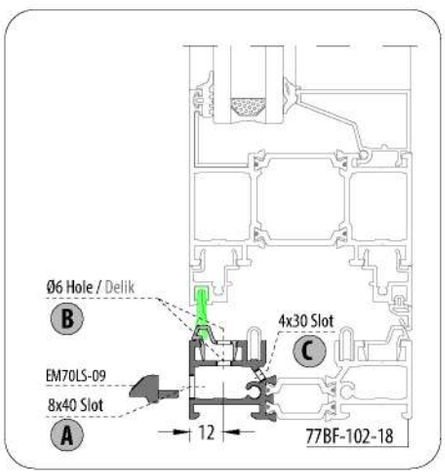


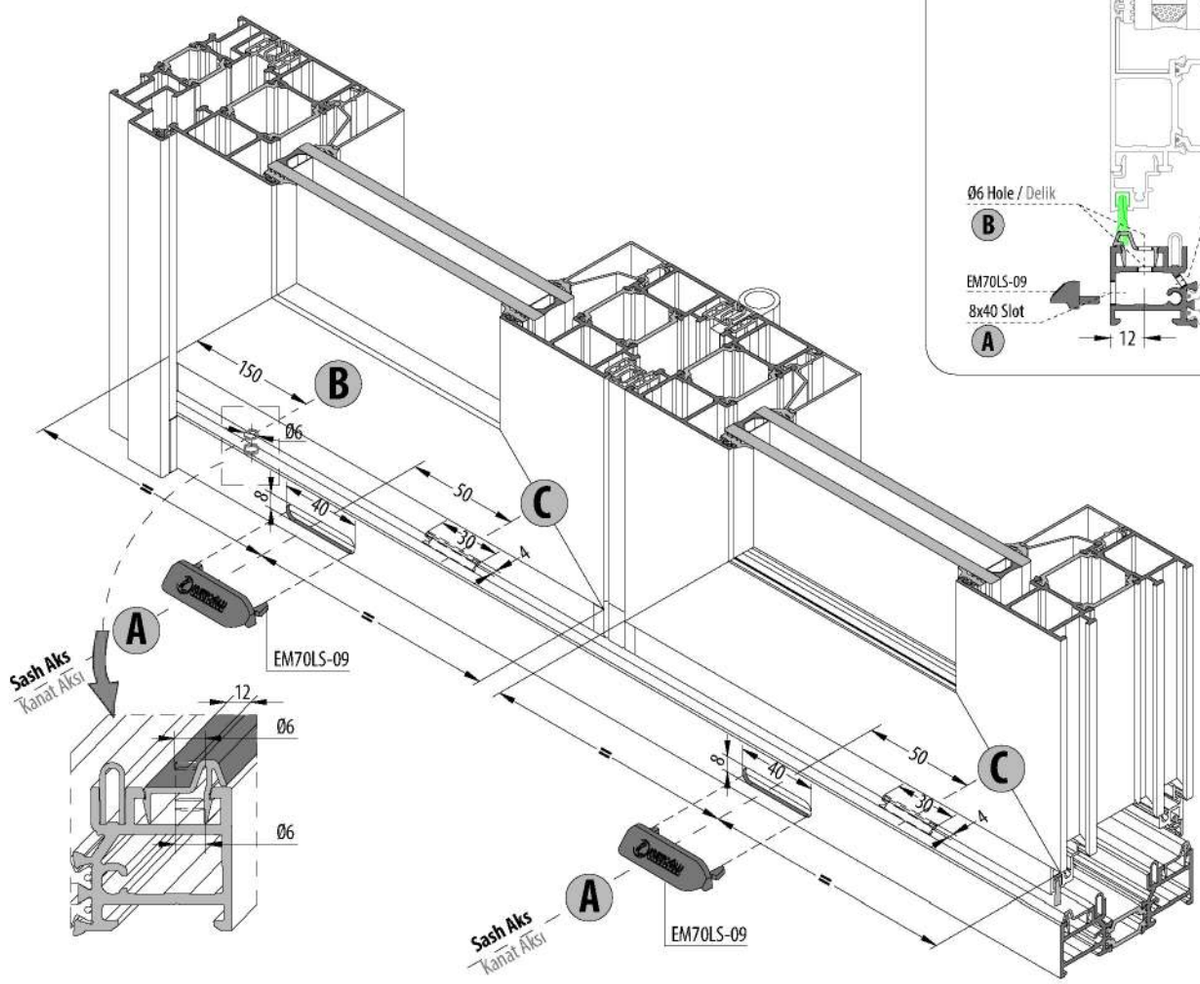


FRAME WATER DRANAIGE / KASA TAHLİYE | **77BF-102-18**

INWARD OPENING / İÇE AÇILIR

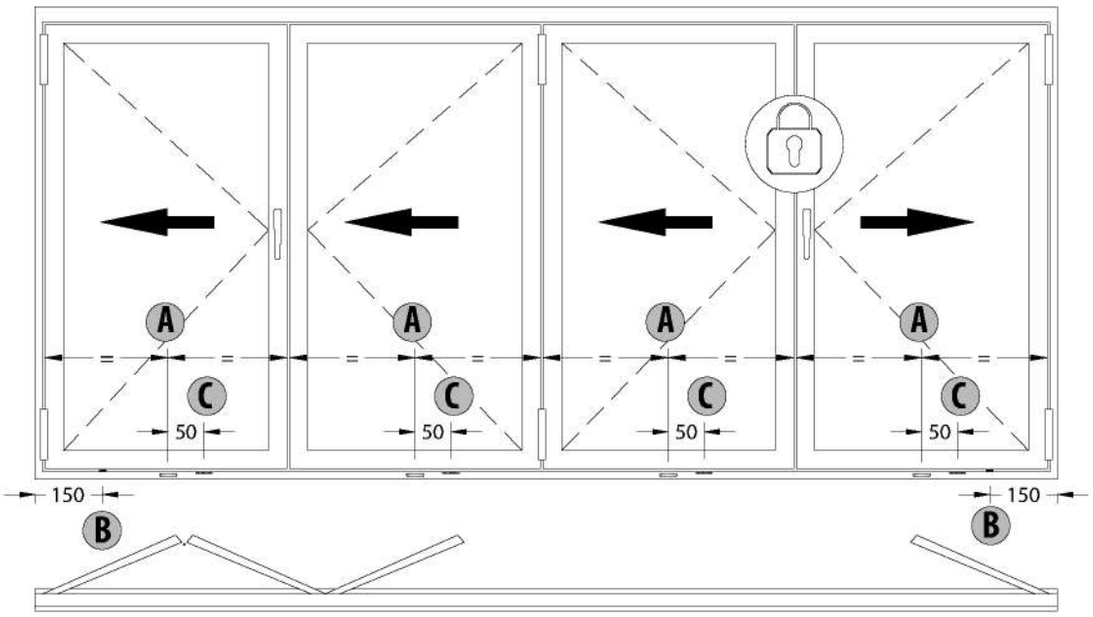


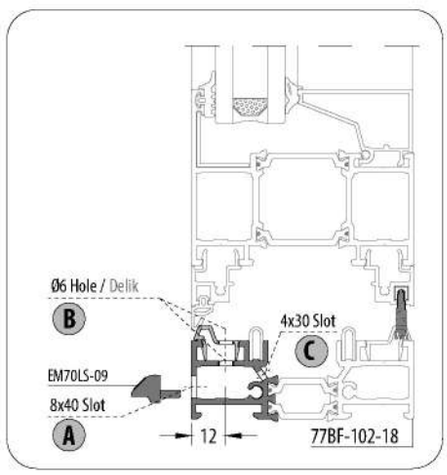




FRAME WATER DRANAIGE / KASA TAHLİYE | **77BF-102-18**

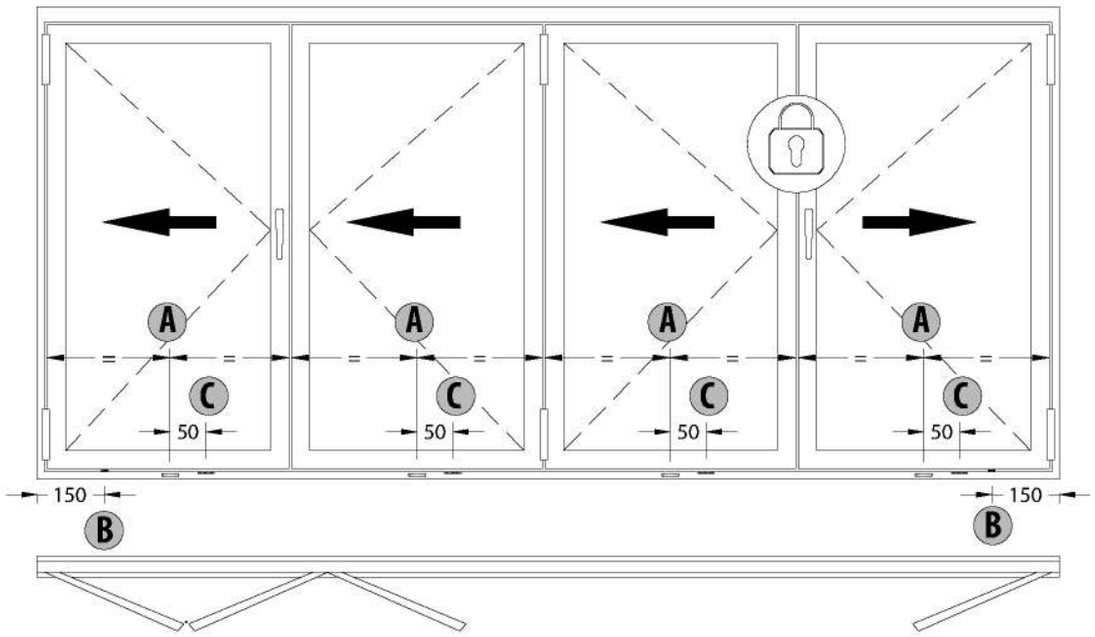
OUTWARD OPENING / DIŞA AÇILIR

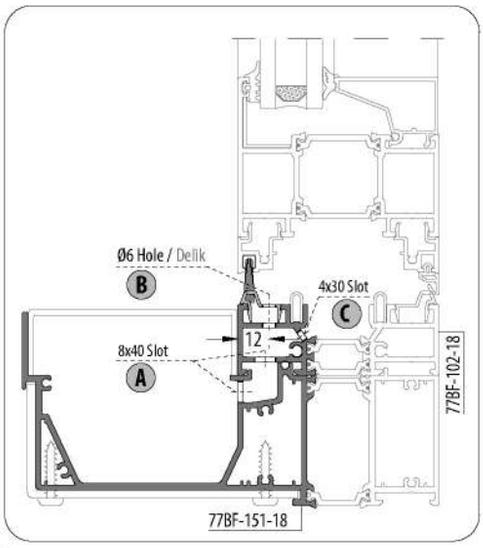




FRAME WATER DRANAIGE / KASA TAHLİYE | **77BF-102-18 / 77BF-151-18**

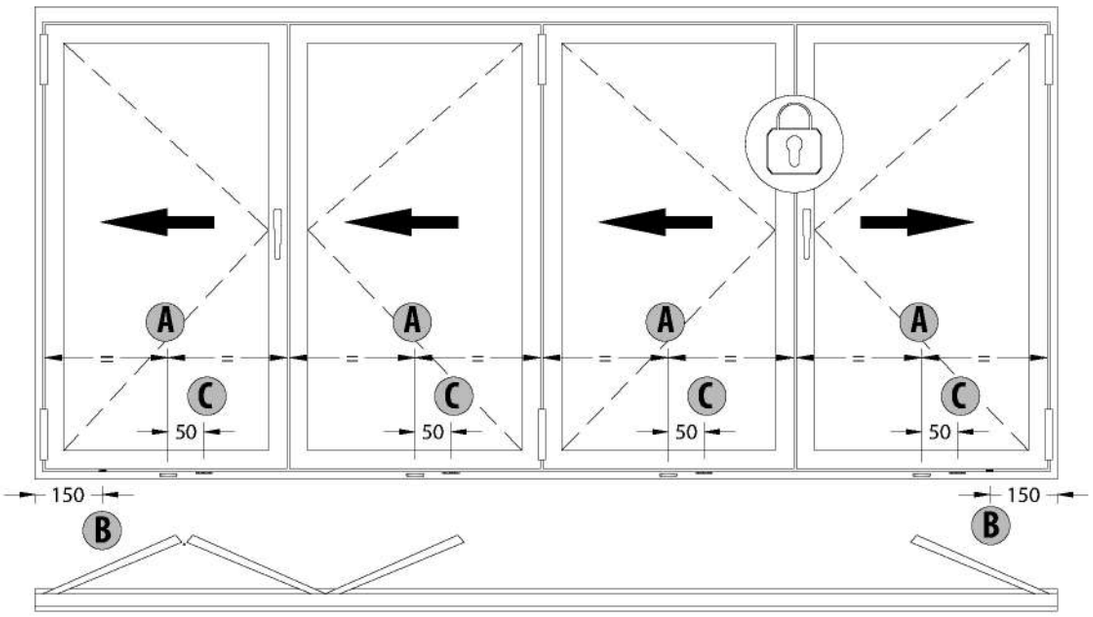
INWARD OPENING / İÇE AÇILIR

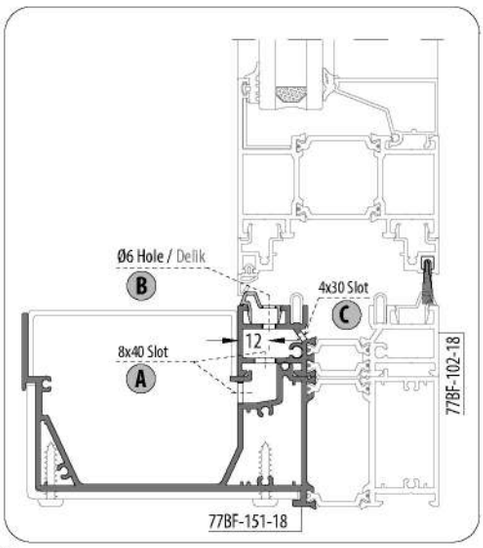




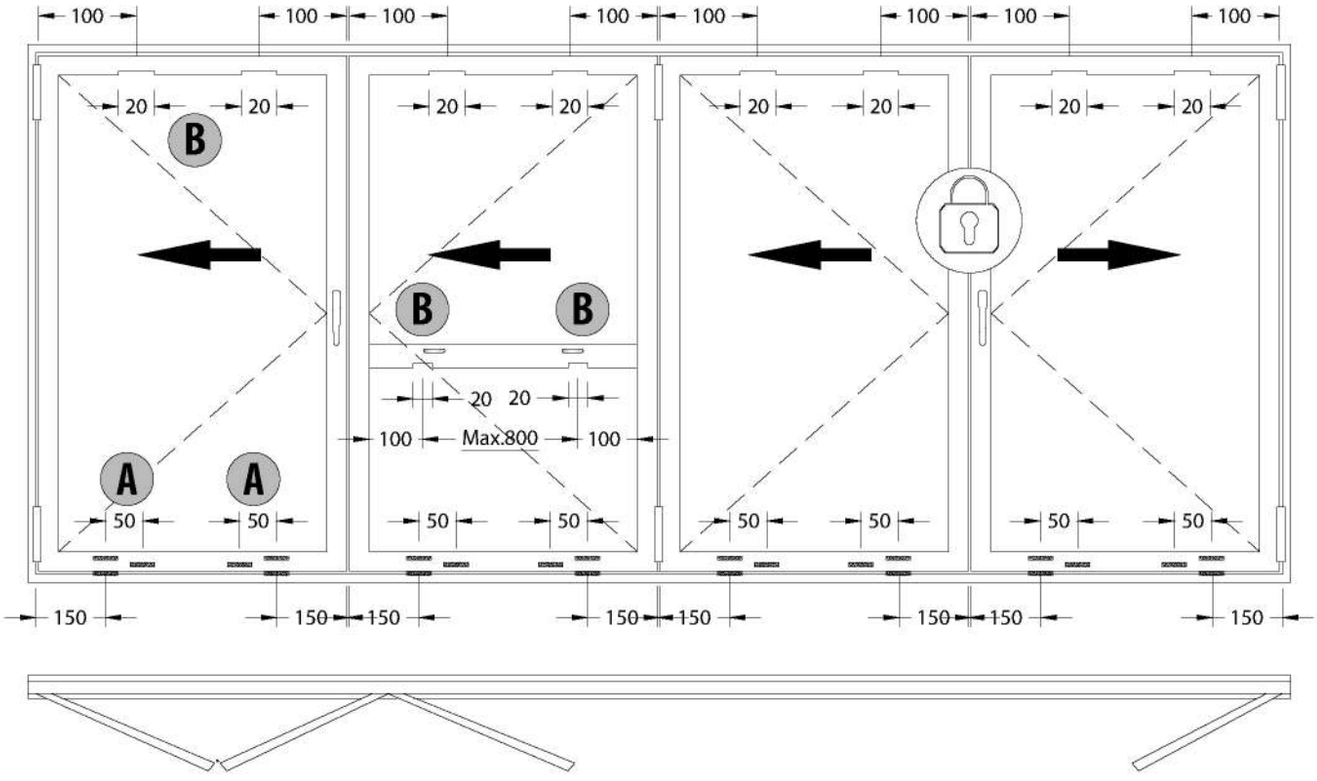
FRAME WATER DRANAIGE / KASA TAHLİYE | **77BF-102-18 / 77BF-151-18**

OUTWARD OPENING / DIŞA AÇILIR

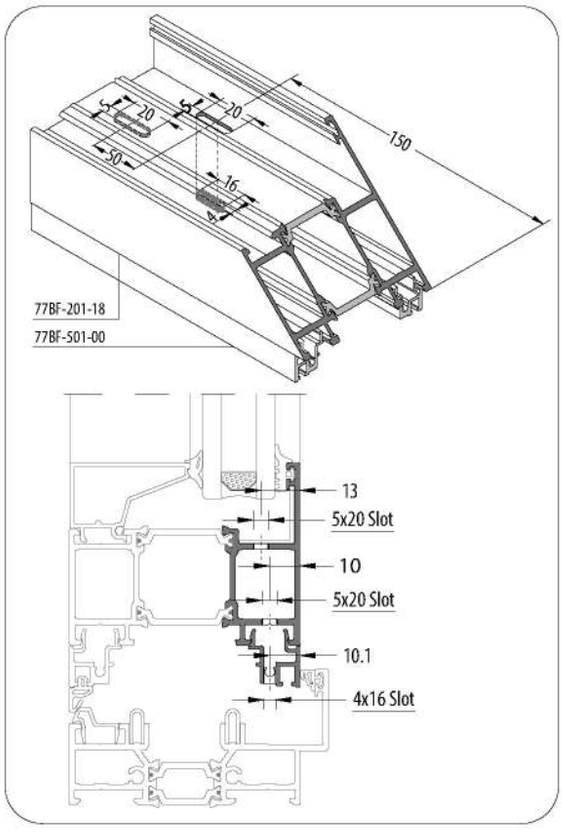




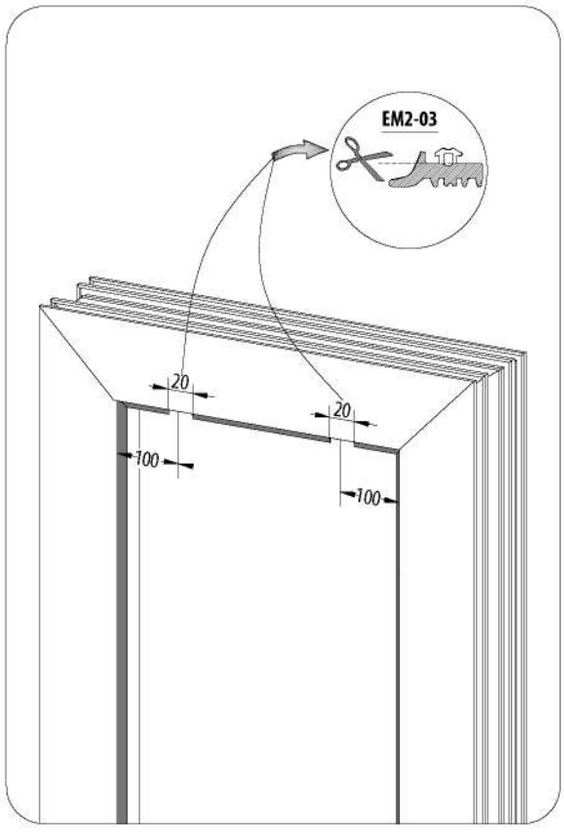
SASH WATER DRANAIGE / KANAT TAHLİYE



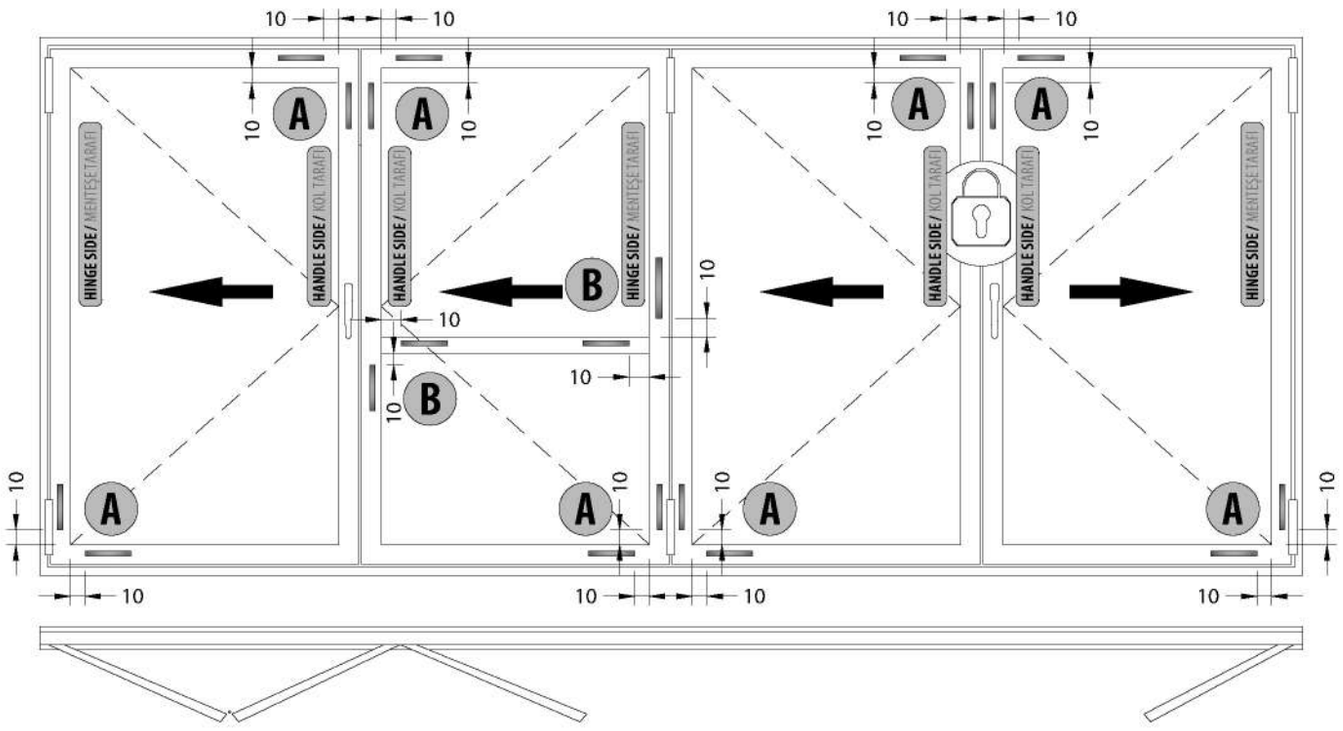
A **SASH WATER DRANAIGE** / KANAT TAHLİYE



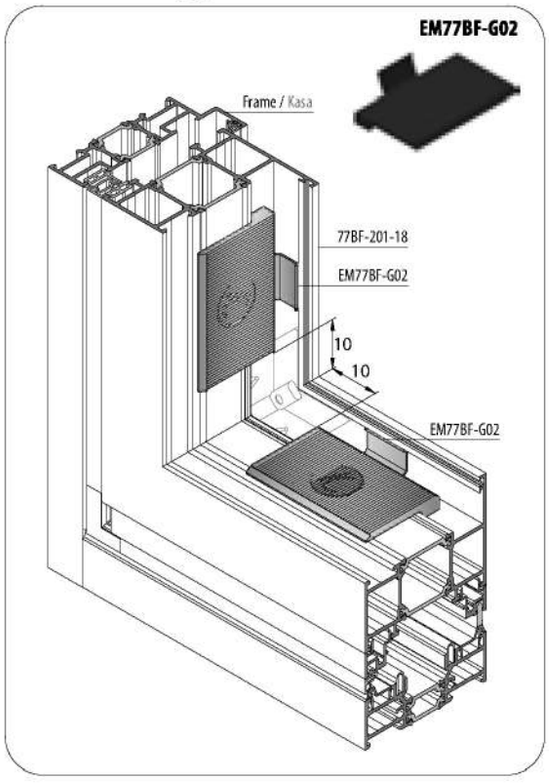
B **PRESSURE EQUALIZER** / BASINÇ DENGELEYİCİ



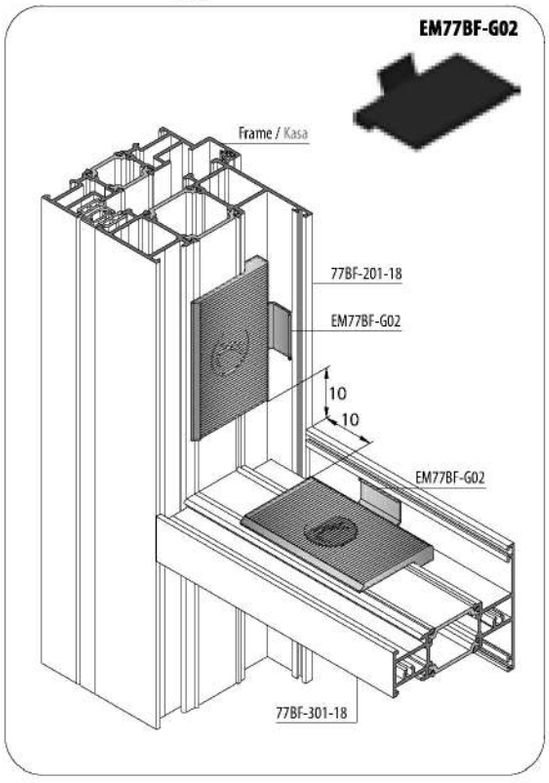
GLAZING SUPPORT METHOD / CAM TAKOZLAMA METODU



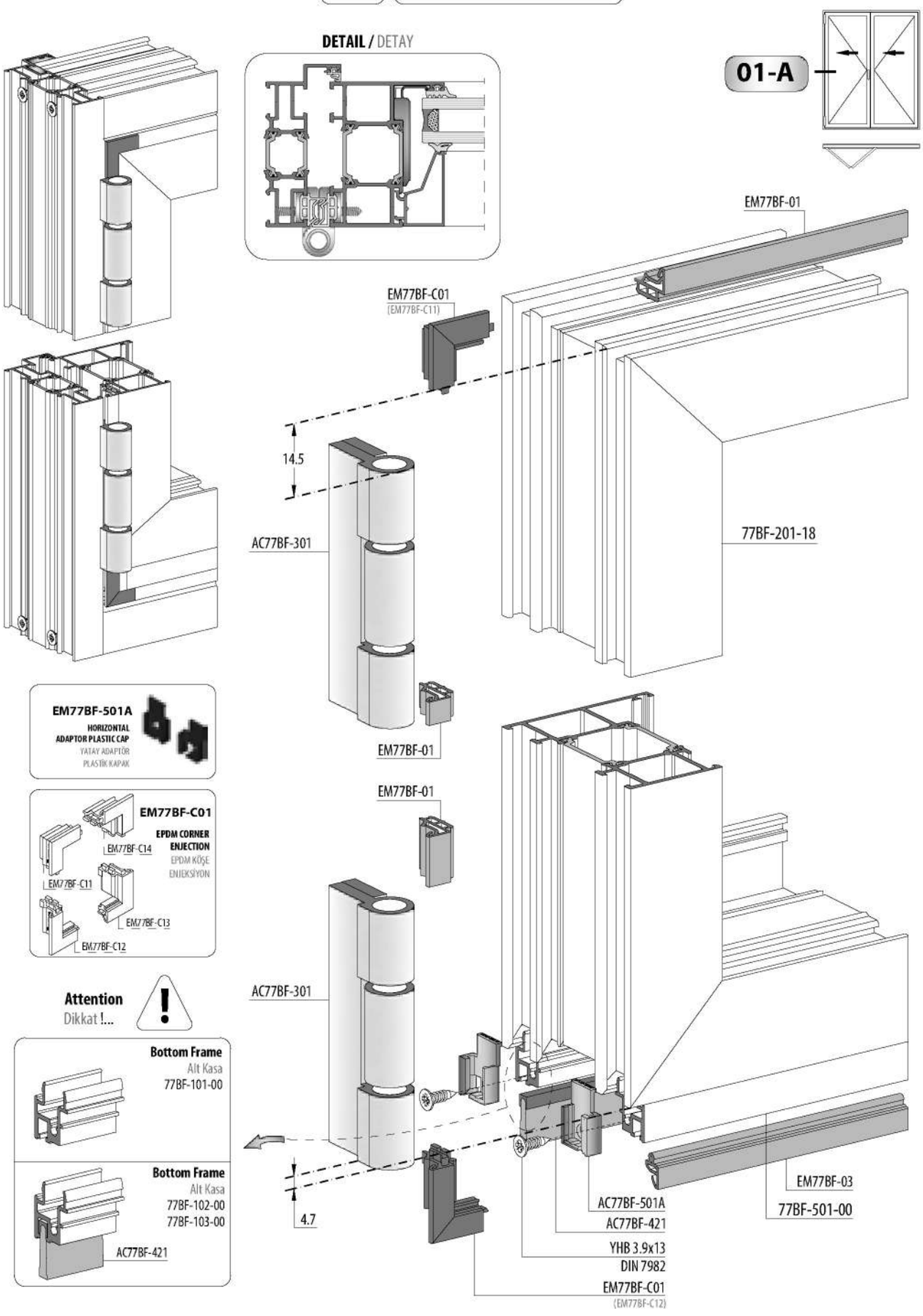
A SECTION / KESİTİ



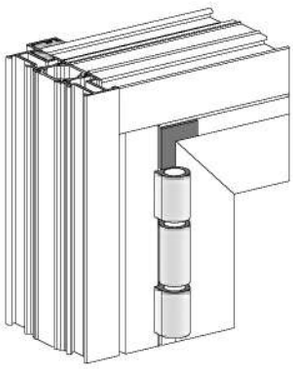
B SECTION / KESİTİ

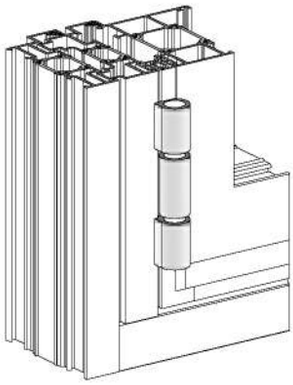


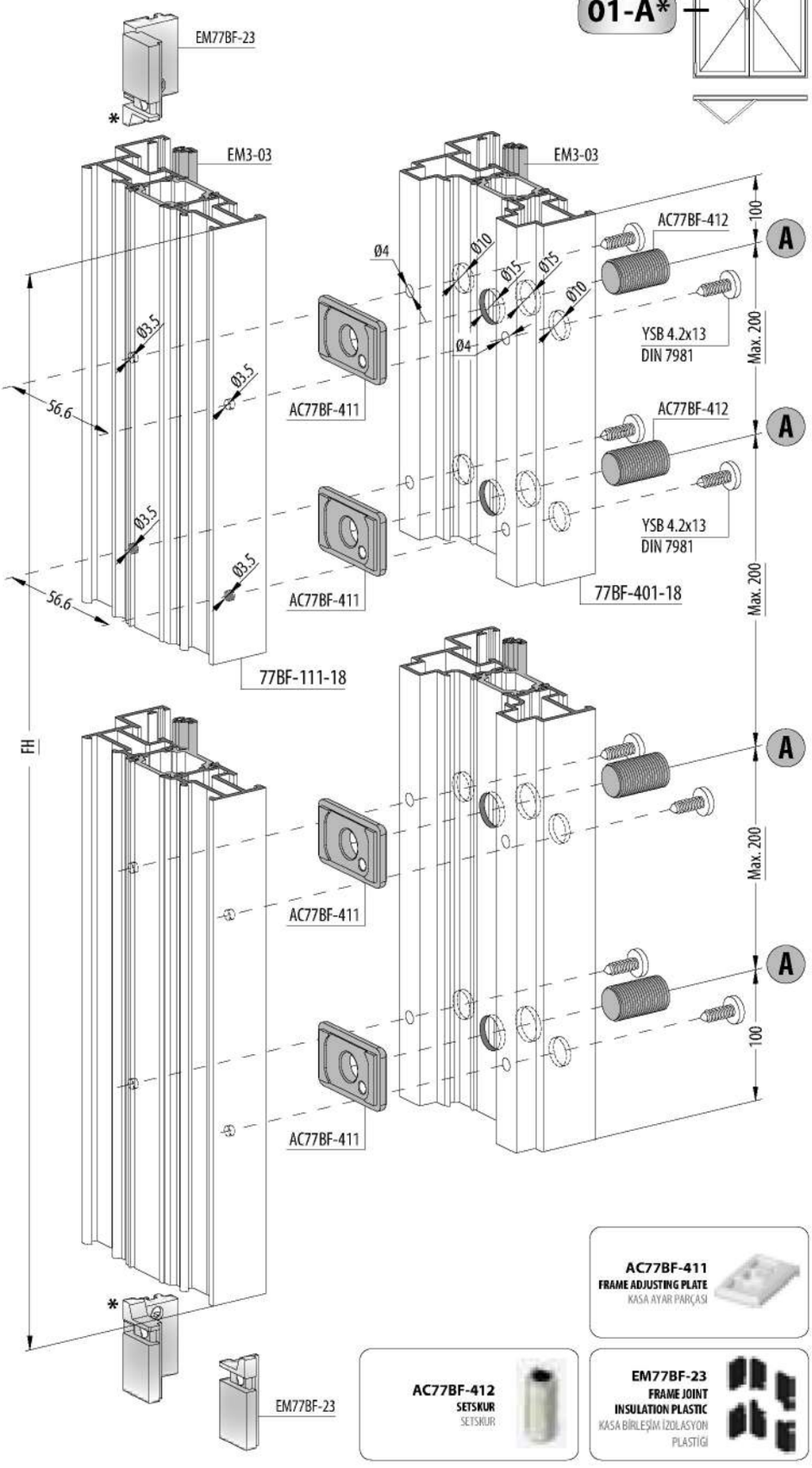
01-A **POINT DETAIL** / NOKTA DETAYI



01-A* POINT DETAIL / NOKTA DETAYI





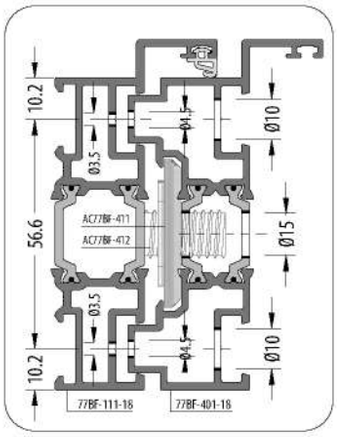


Attention
Dikkat !...



EM77BF-23
MUST BE CUT
KESİLMELİ

A
DETAIL / DETAY

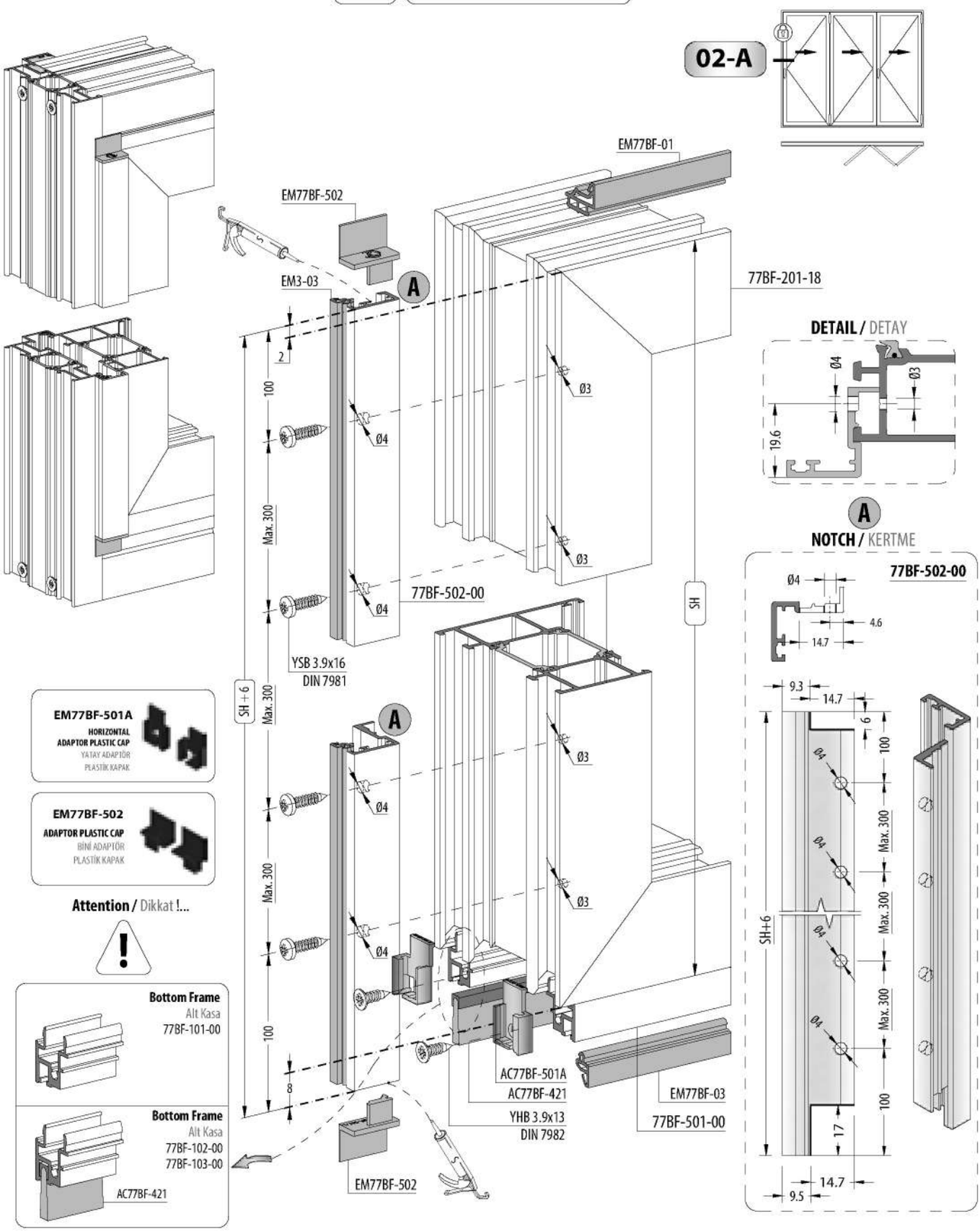


AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI

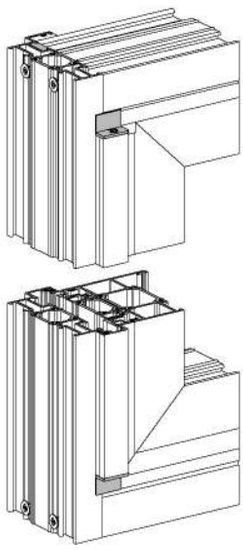
AC77BF-412
SETSKUR
SETSKUR

EM77BF-23
FRAME JOINT INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON PLASTİĞİ

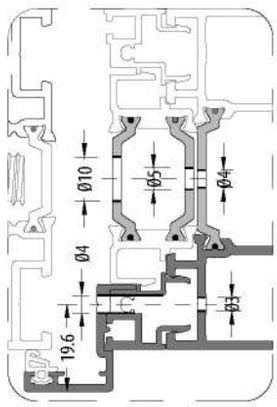
02-A POINT DETAIL / NOKTA DETAYI



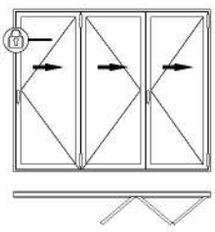
02-B **POINT DETAIL** / NOKTA DETAYI



DETAIL / DETAY

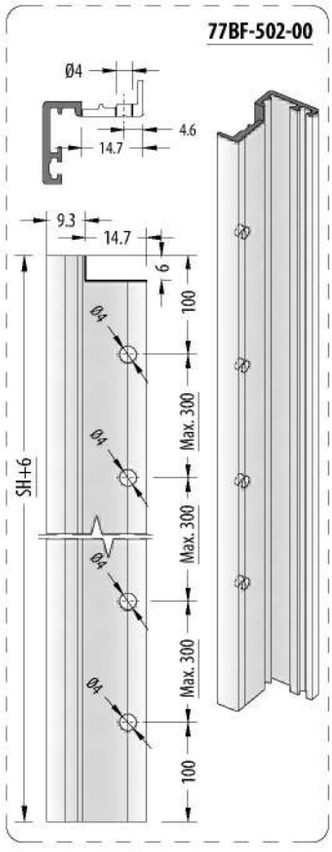


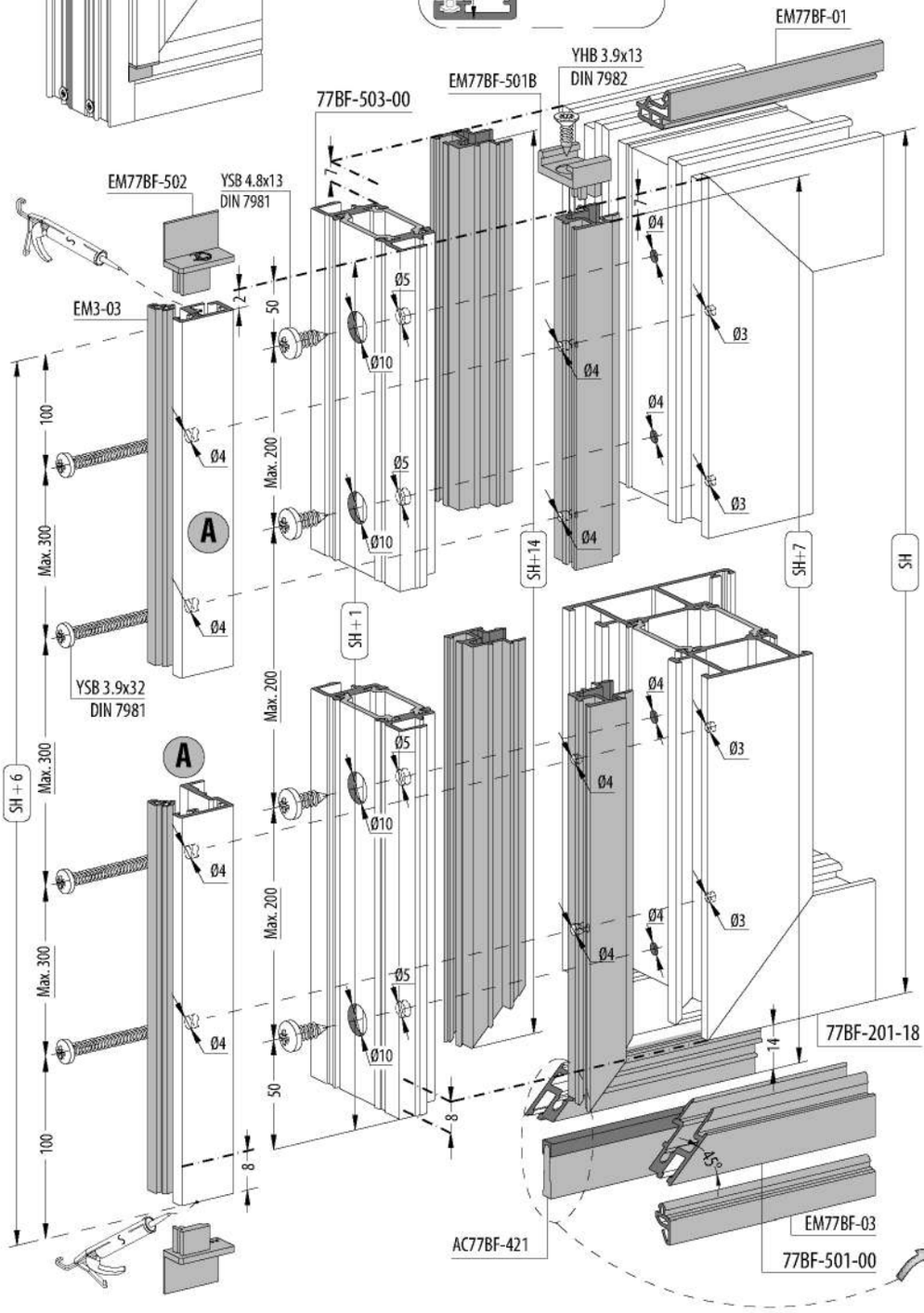
02-B



A
NOTCH / KERTME

77BF-502-00

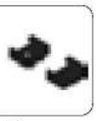




EM77BF-502
ADAPTOR PLASTIC CAP
BİNİ ADAPTÖR PLASTİK KAPAK

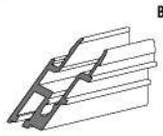


EM77BF-501B
VERTICAL ADAPTOR PLASTIC CAP
DÜŞEY ADAPTÖR PLASTİK KAPAK

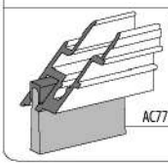


Attention
Dikkat !...

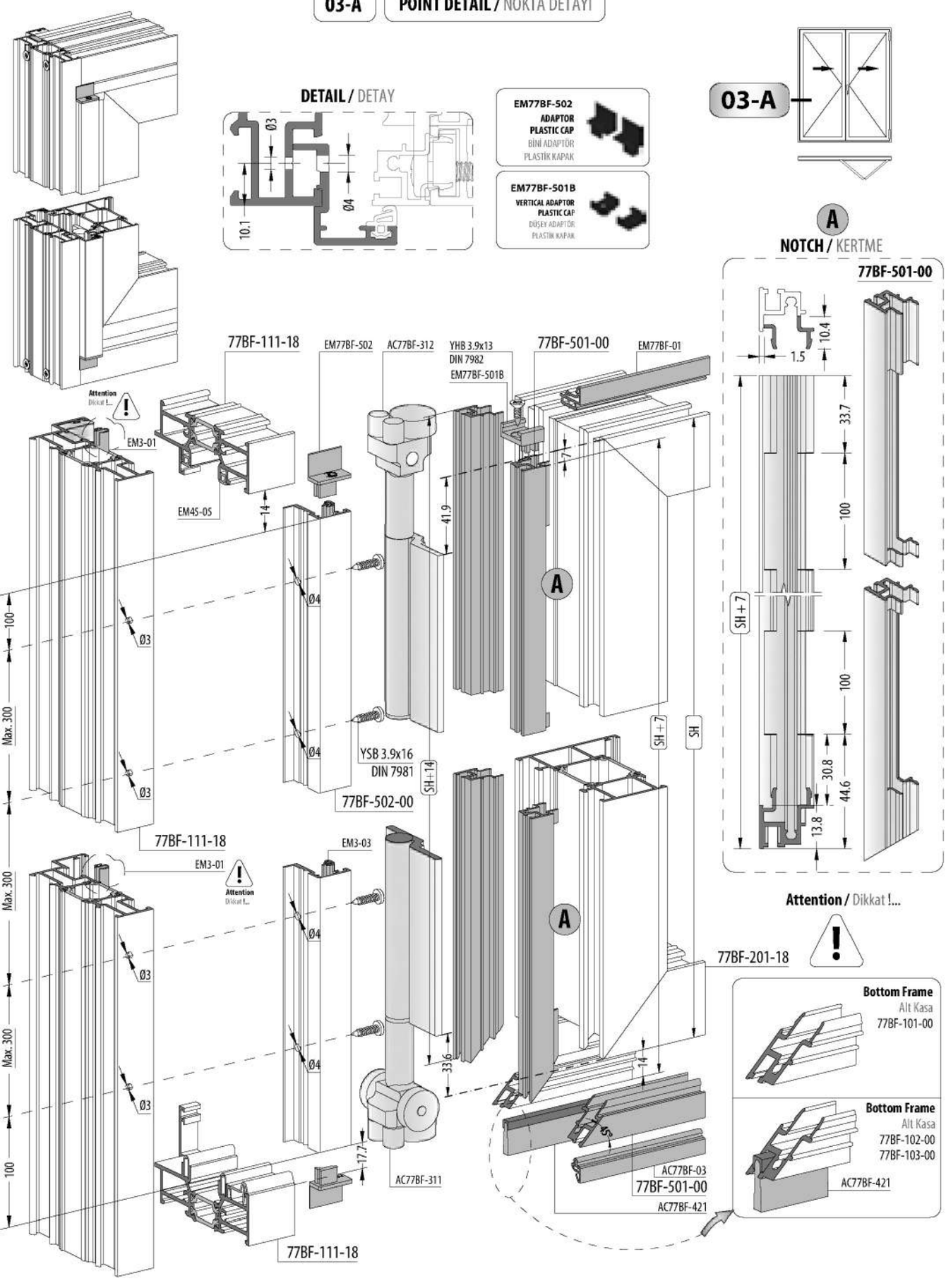
Bottom Frame
Alt Kasa
77BF-101-00



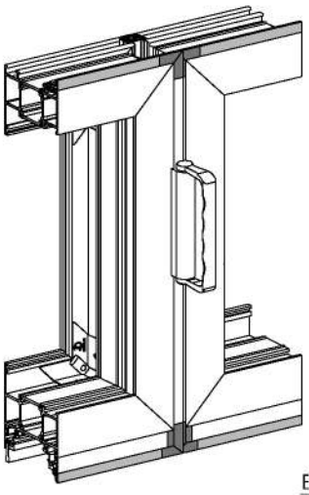
Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00



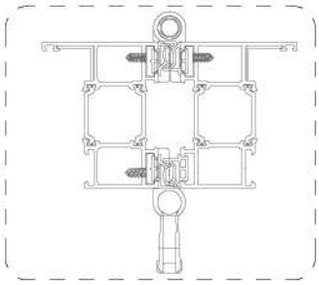
03-A POINT DETAIL / NOKTA DETAYI

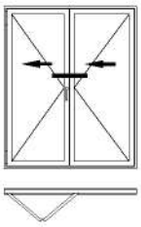


04-A POINT DETAIL / NOKTA DETAYI



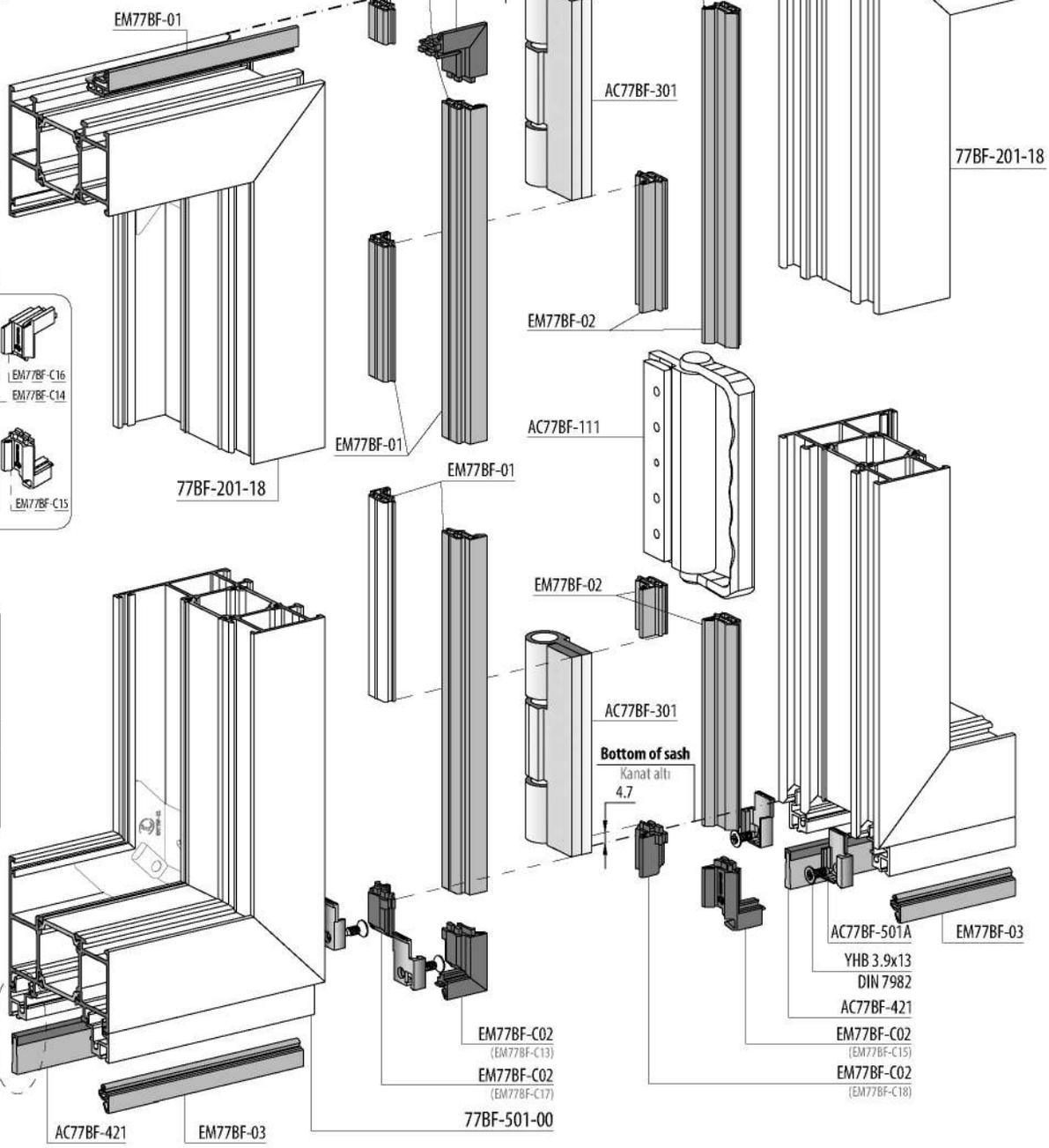
DETAIL / DETAY





Attention to gasket direction.
Fitil yönlerine dikkat ediniz.





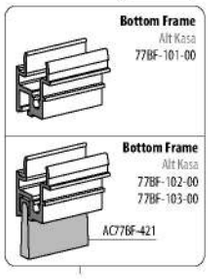
EM77BF-501A
HORIZONTAL ADAPTOR PLASTIC CAP
YATAY ADAPTÖR PLASTİK KAPAK



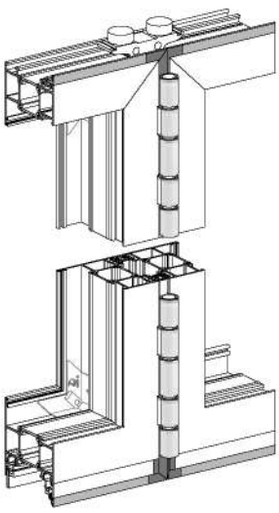
EM77BF-C02
EPDM CORNER INJECTION
EPDM KÖŞE ENJEKSİYON

Attention
Dikkat !...

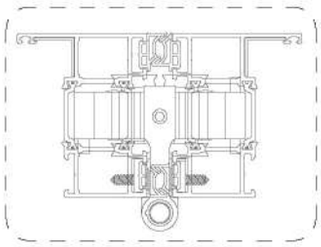




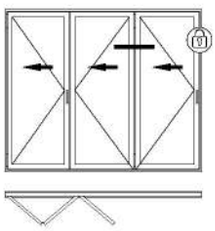
05-A POINT DETAIL / NOKTA DETAYI



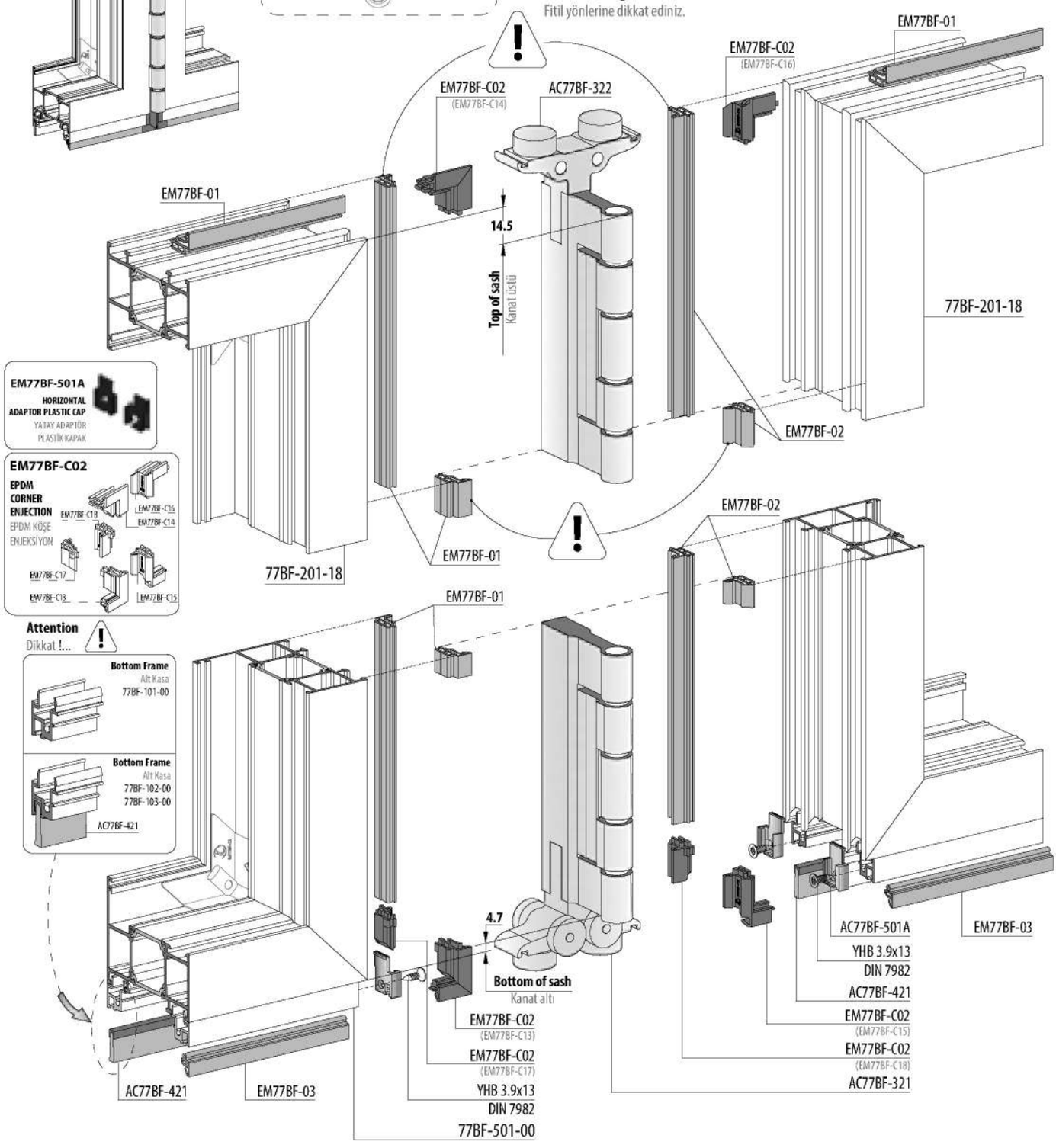
DETAIL / DETAY



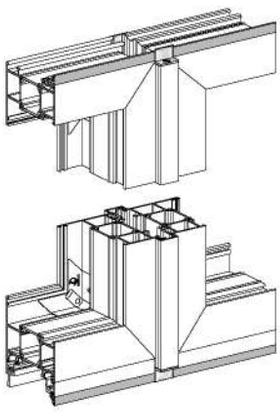
05-A



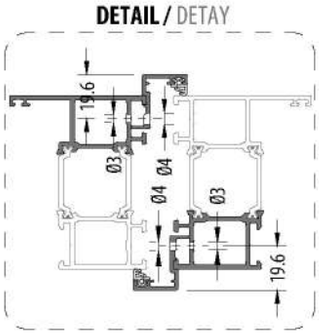
Attention to gasket direction.
Fitil yönlerine dikkat ediniz.



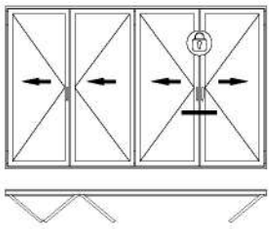
06-A1 06-A2 POINT DETAIL / NOKTA DETAYI



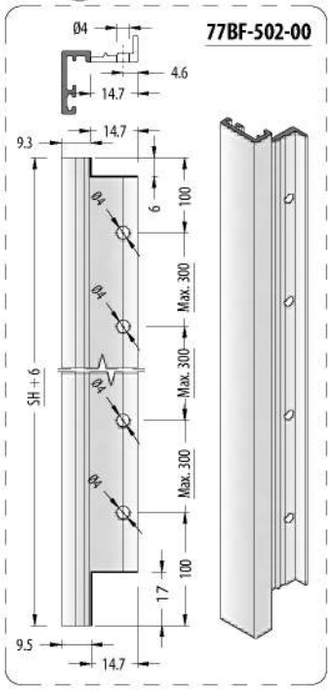
DETAIL / DETAY

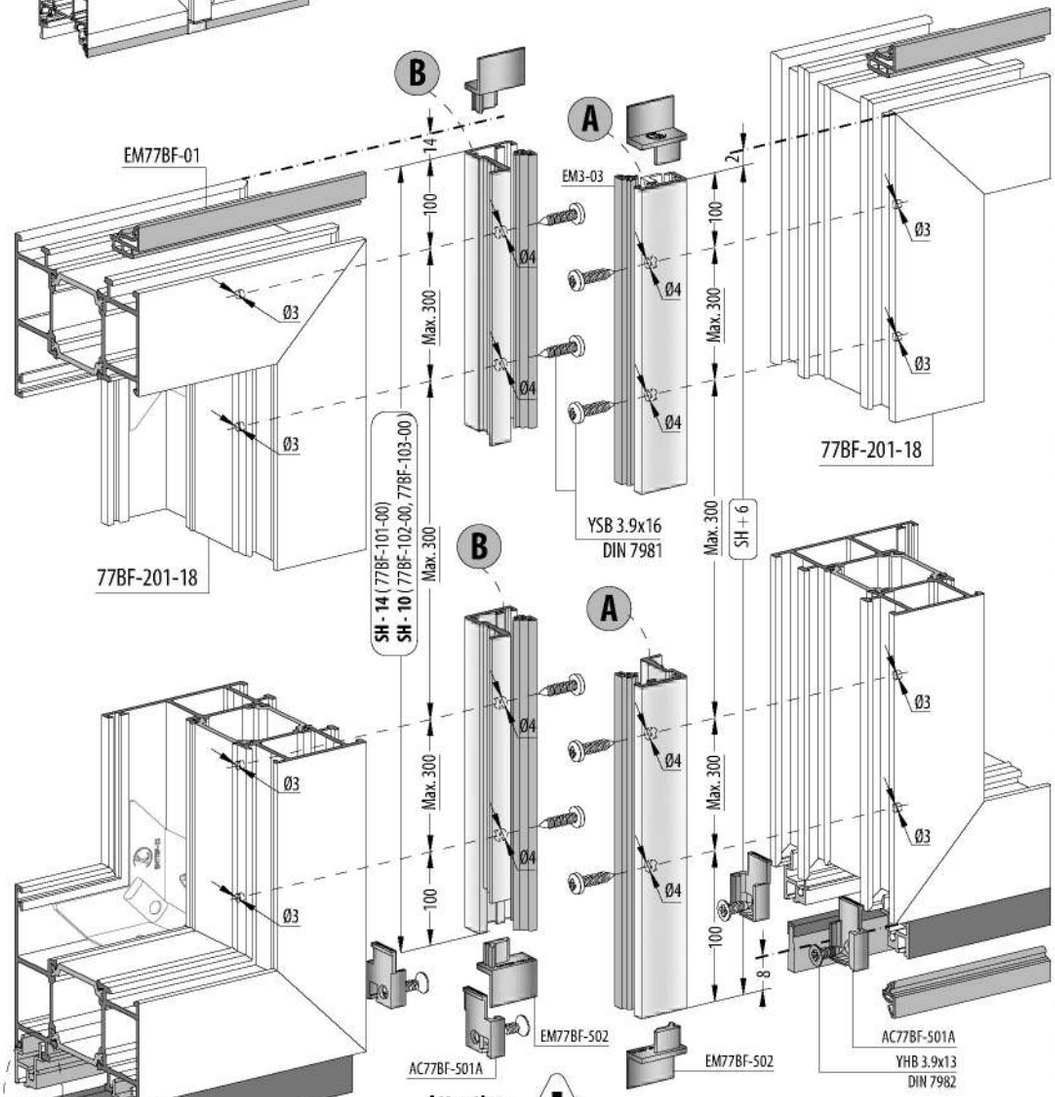


06-A1
06-A2

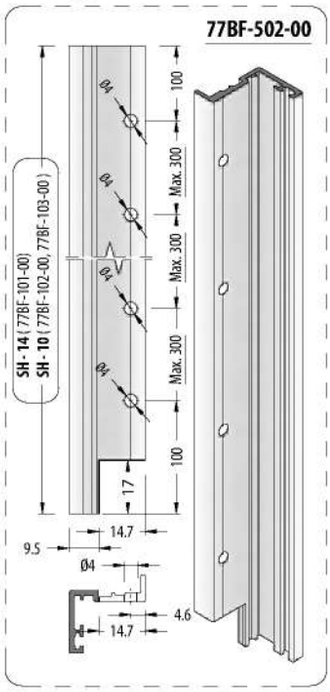


A NOTCH / KERTME

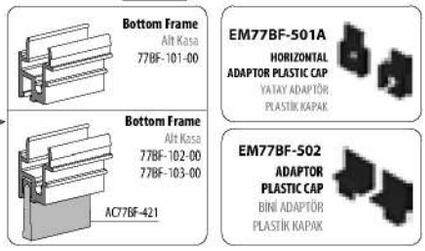




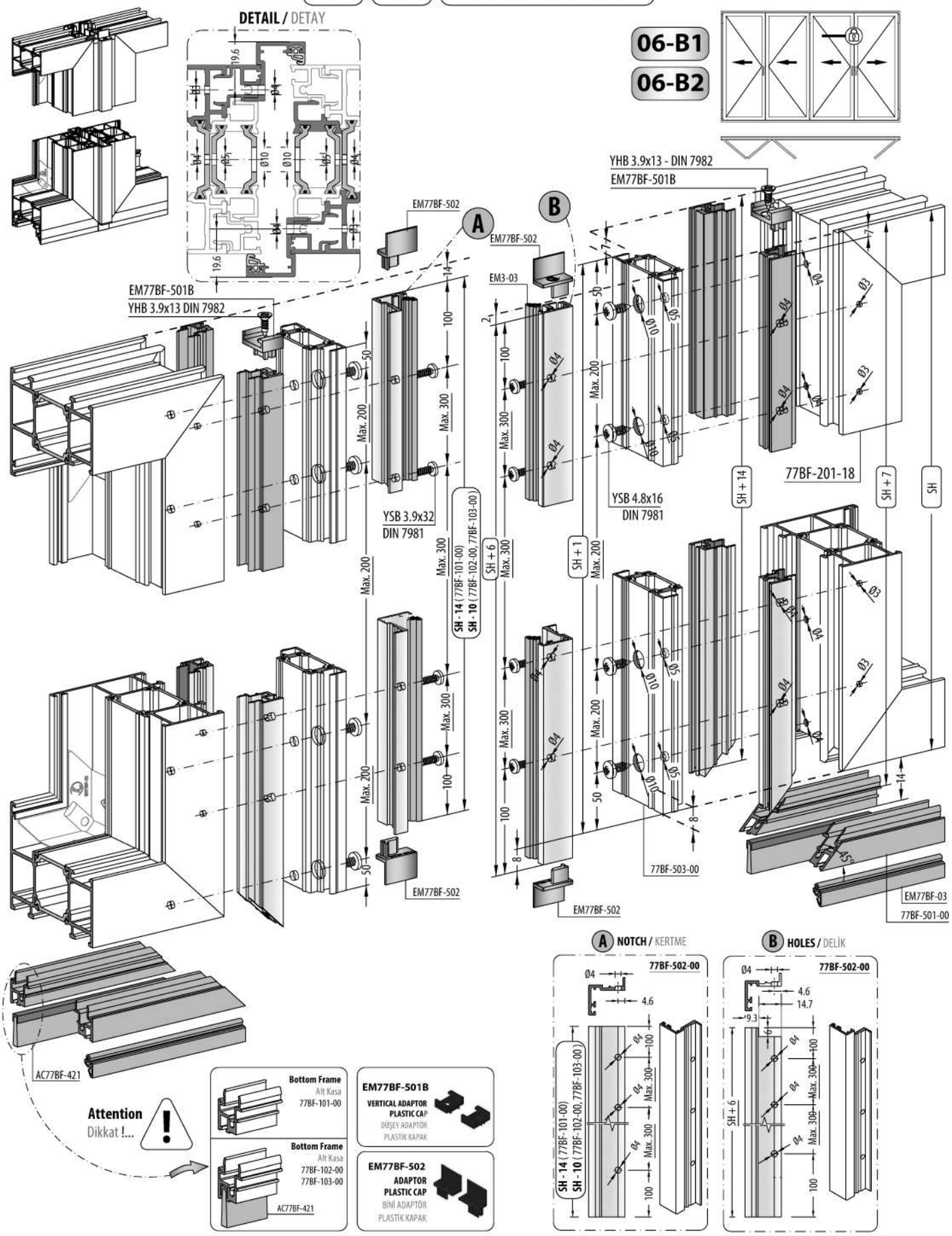
B NOTCH / KERTME



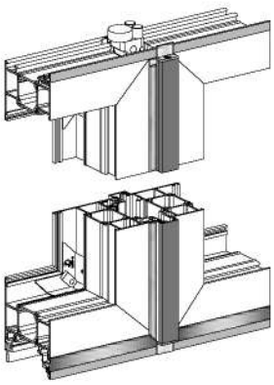
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Dikkat !...

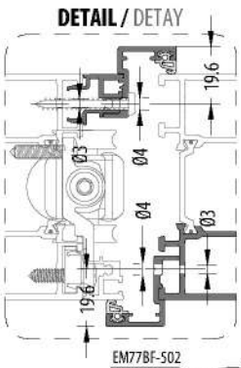


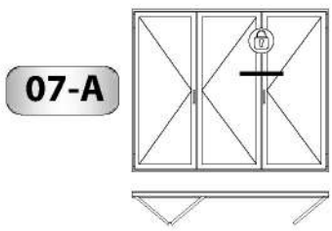
06-B1 **06-B2** **POINT DETAIL** / NOKTA DETAYI

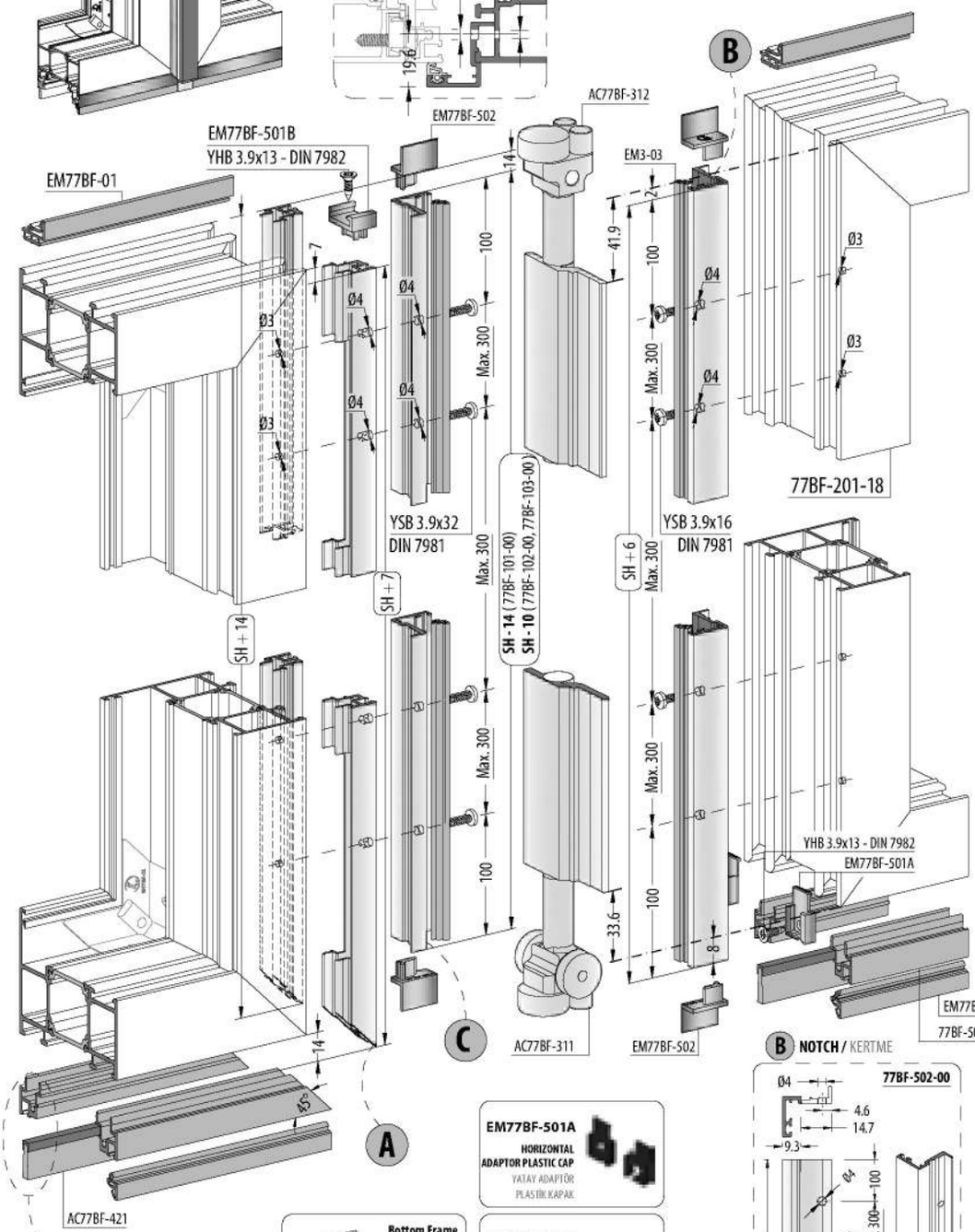


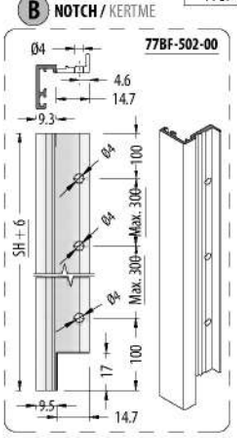
07-A POINT DETAIL / NOKTA DETAYI

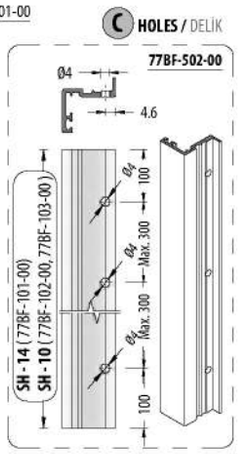


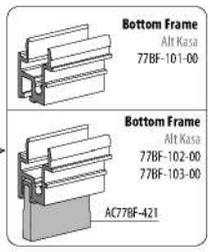










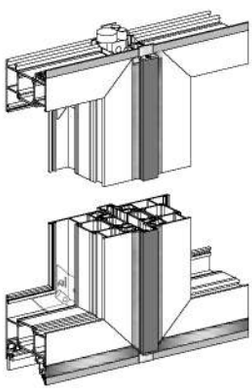


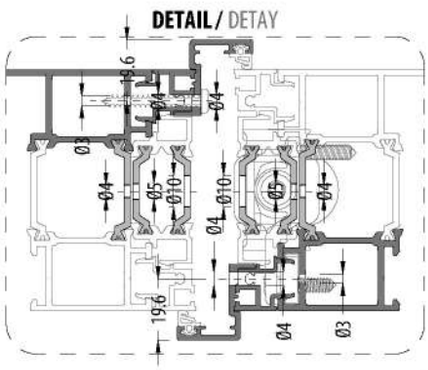
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Dikkat !...

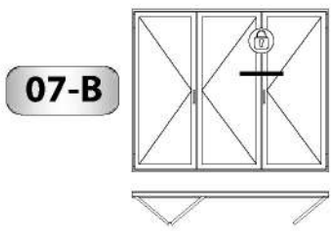


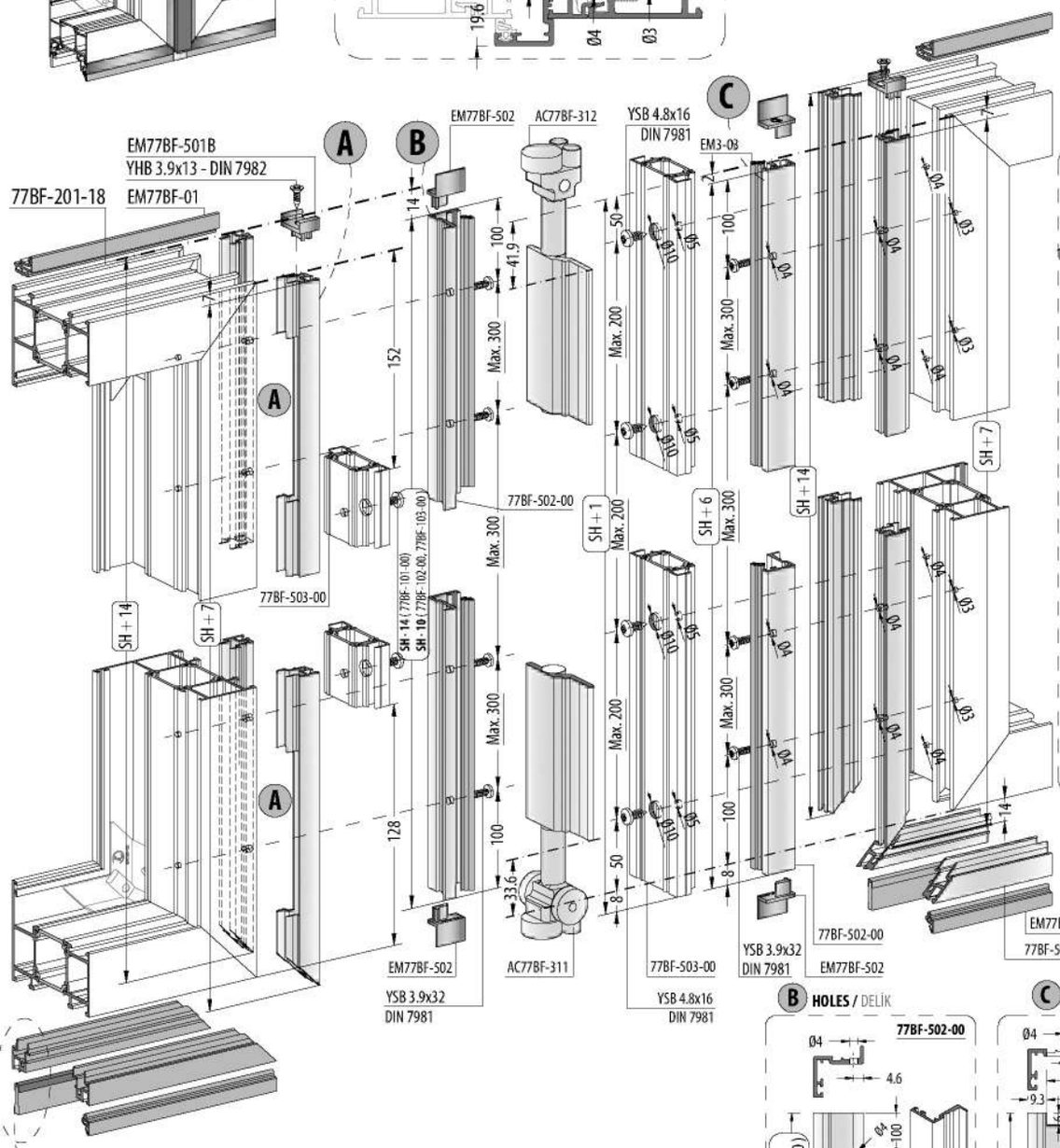


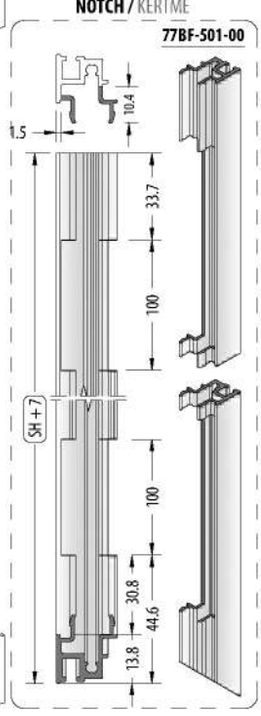
07-B POINT DETAIL / NOKTA DETAYI

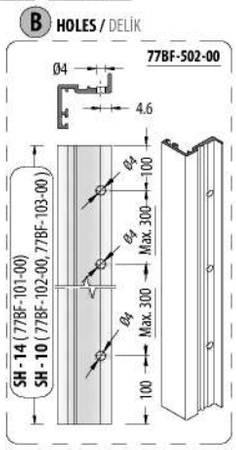


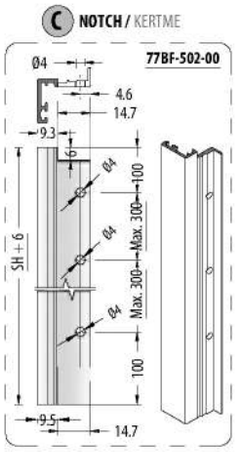




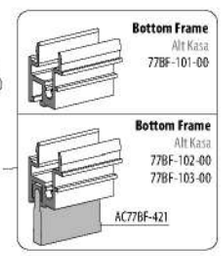






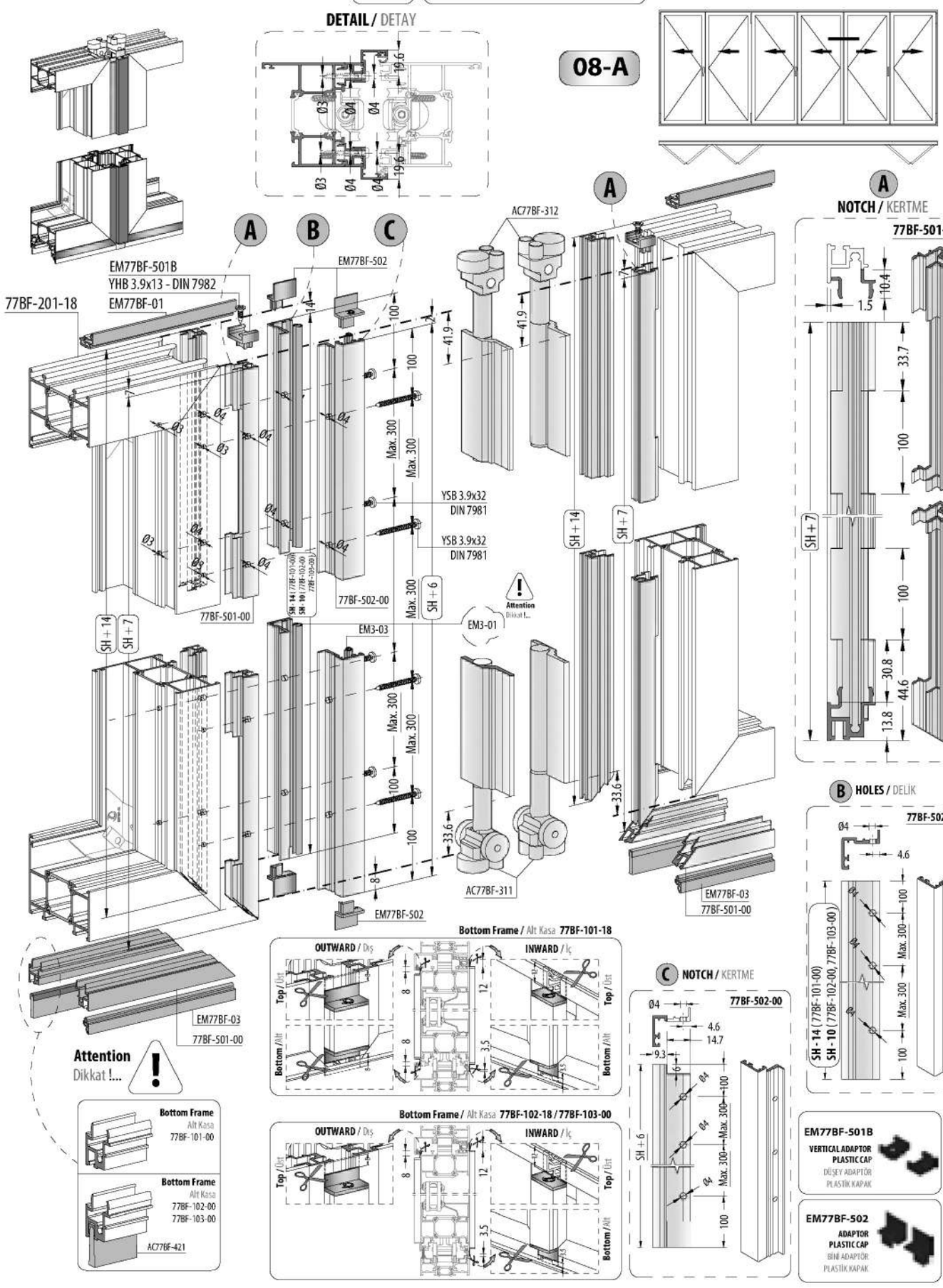


Attention
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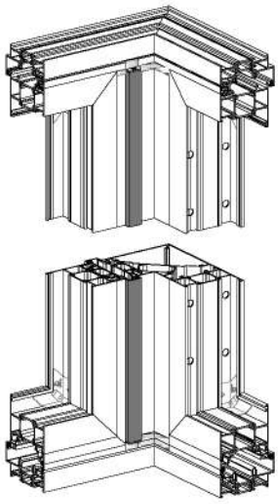




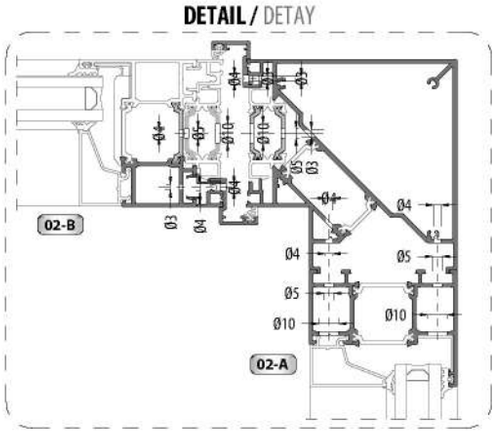
08-A POINT DETAIL / NOKTA DETAYI

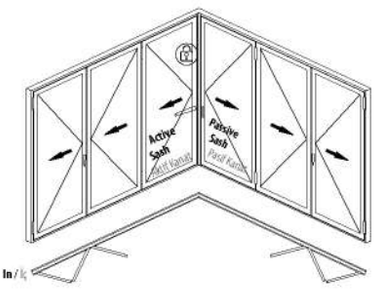


02-B / 02-A — POINT DETAIL / NOKTA DETAYI

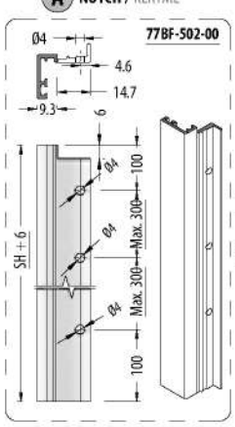


DETAIL / DETAY

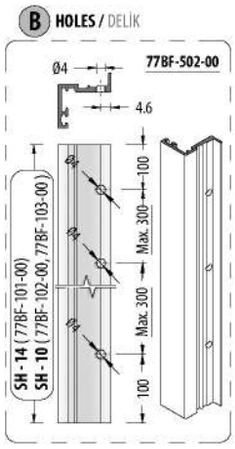




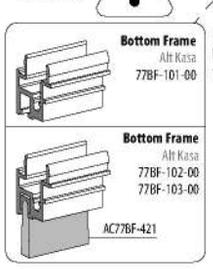
A NOTCH / KERTME

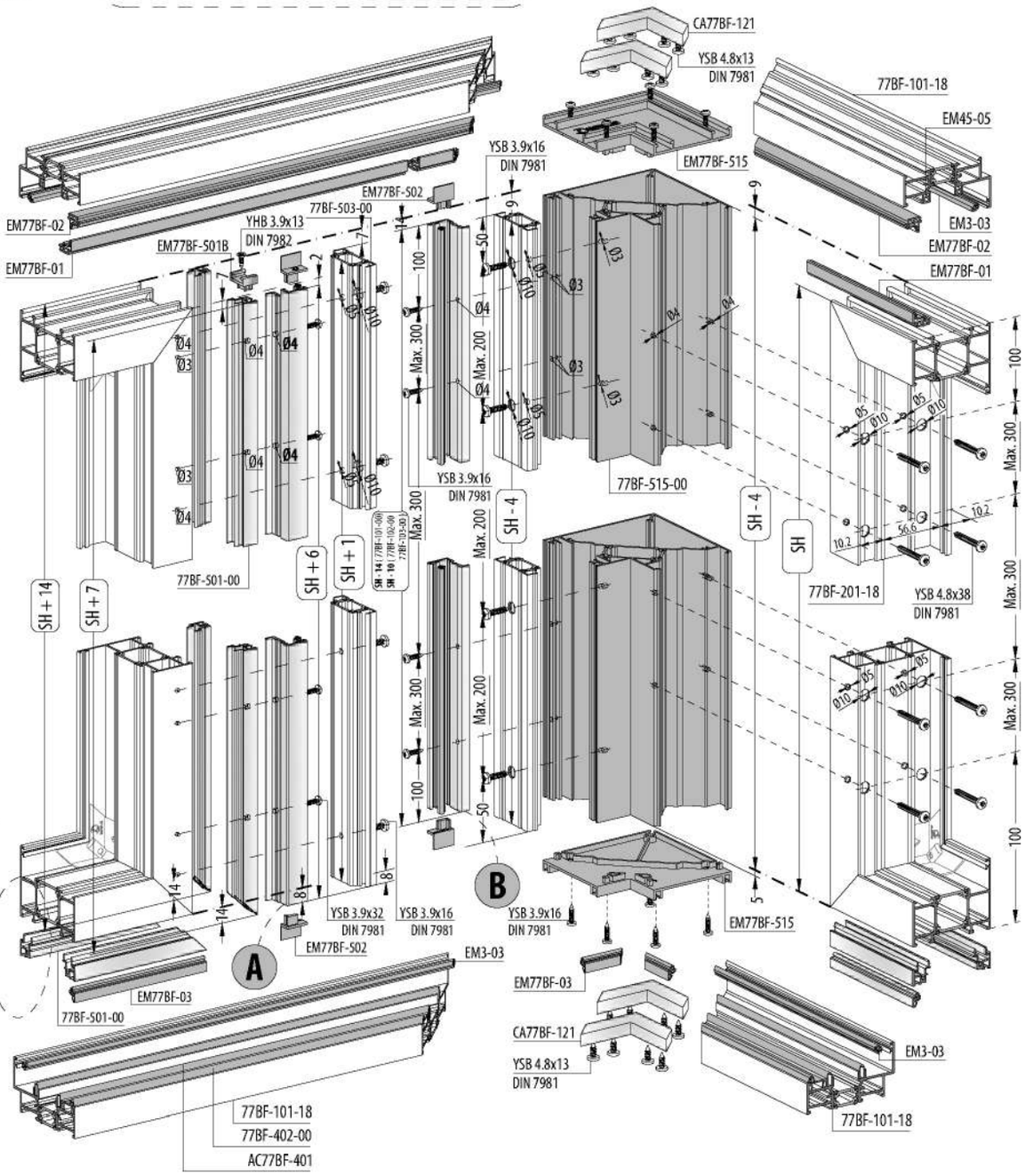


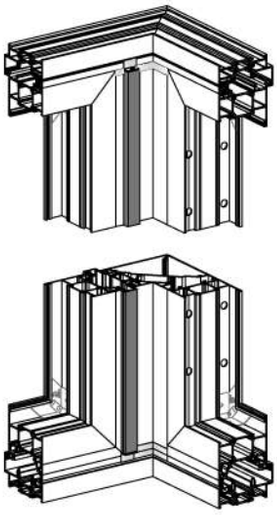
B HOLES / DELİK



Attention
Dikkat !...

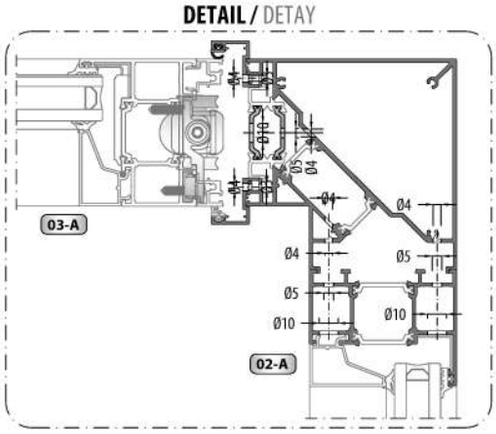


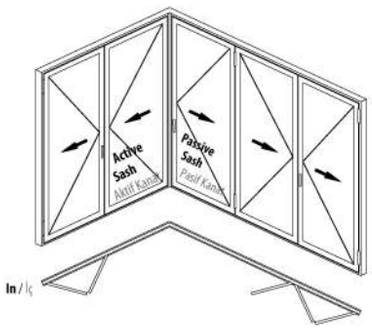


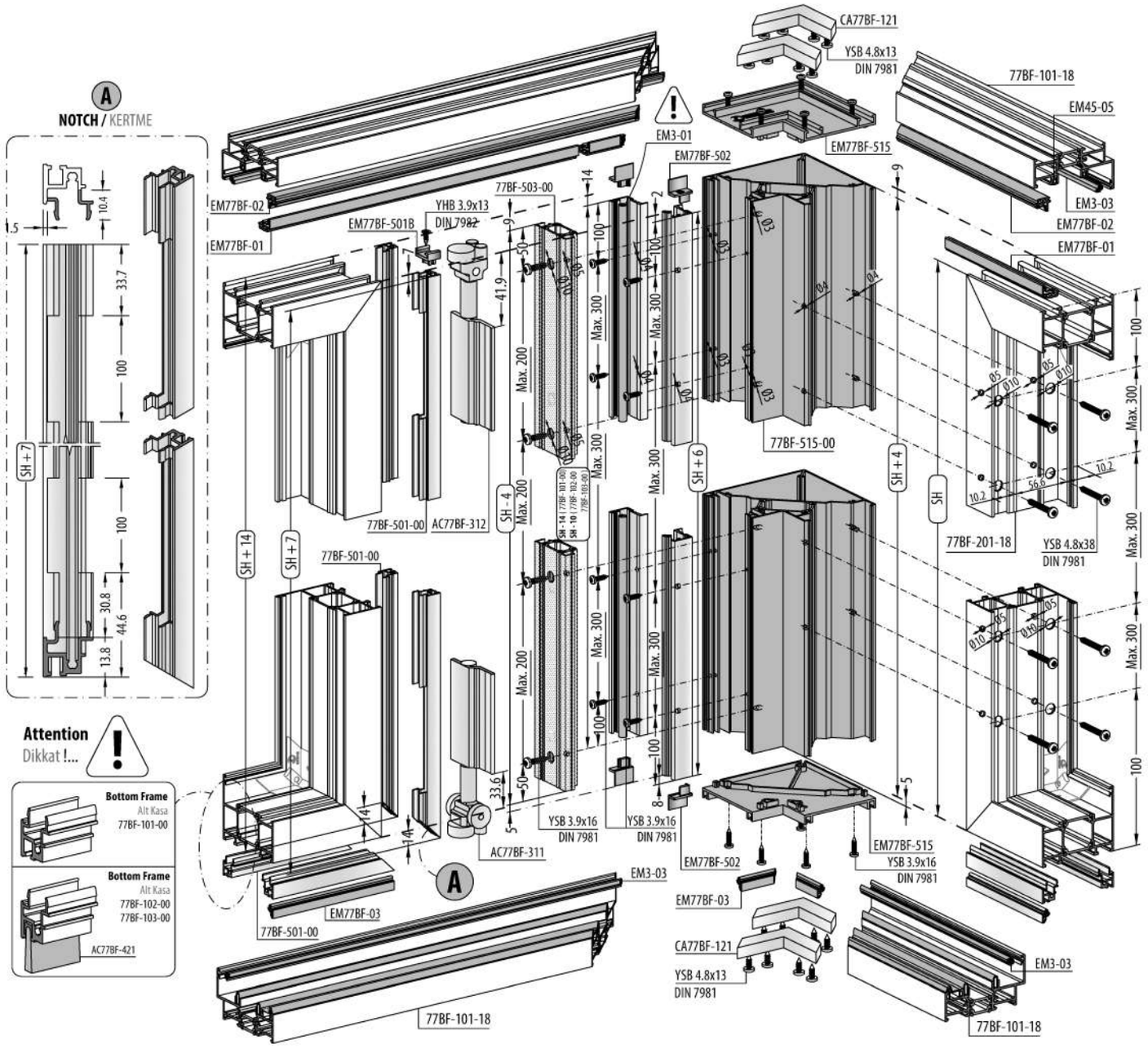


03-A / 02-A **POINT DETAIL** / NOKTA DETAYI

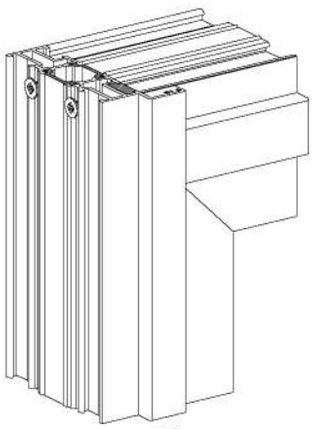
DETAIL / DETAY



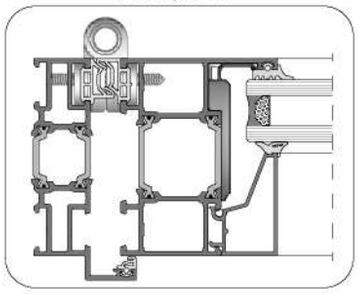


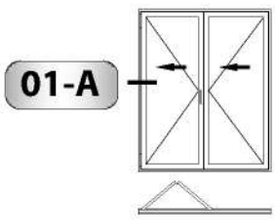


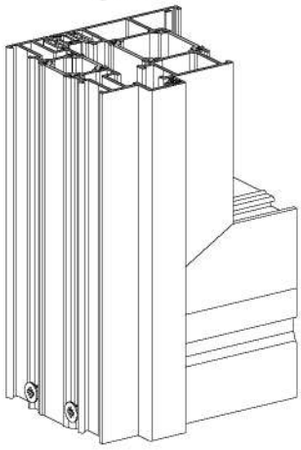
01-A POINT DETAIL / NOKTA DETAYI



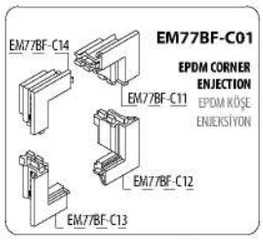
DETAIL / DETAY



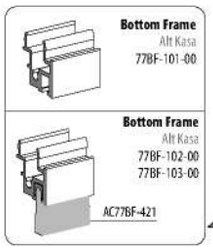


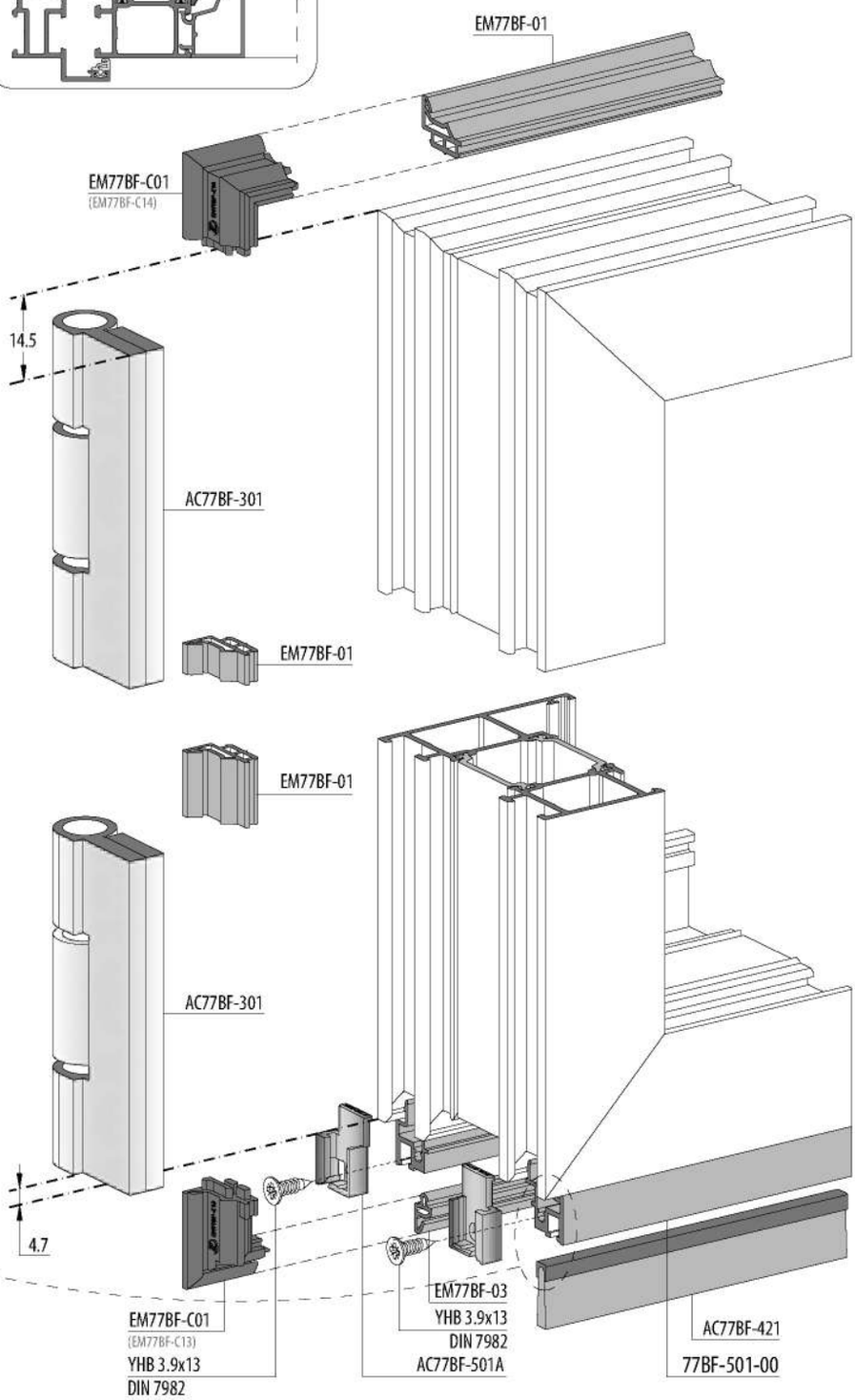




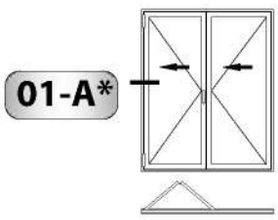


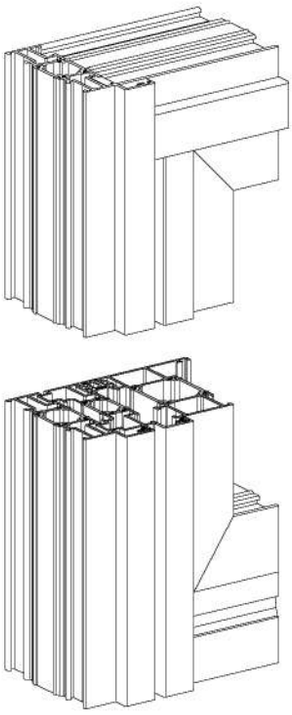
Attention
Dikkat !...

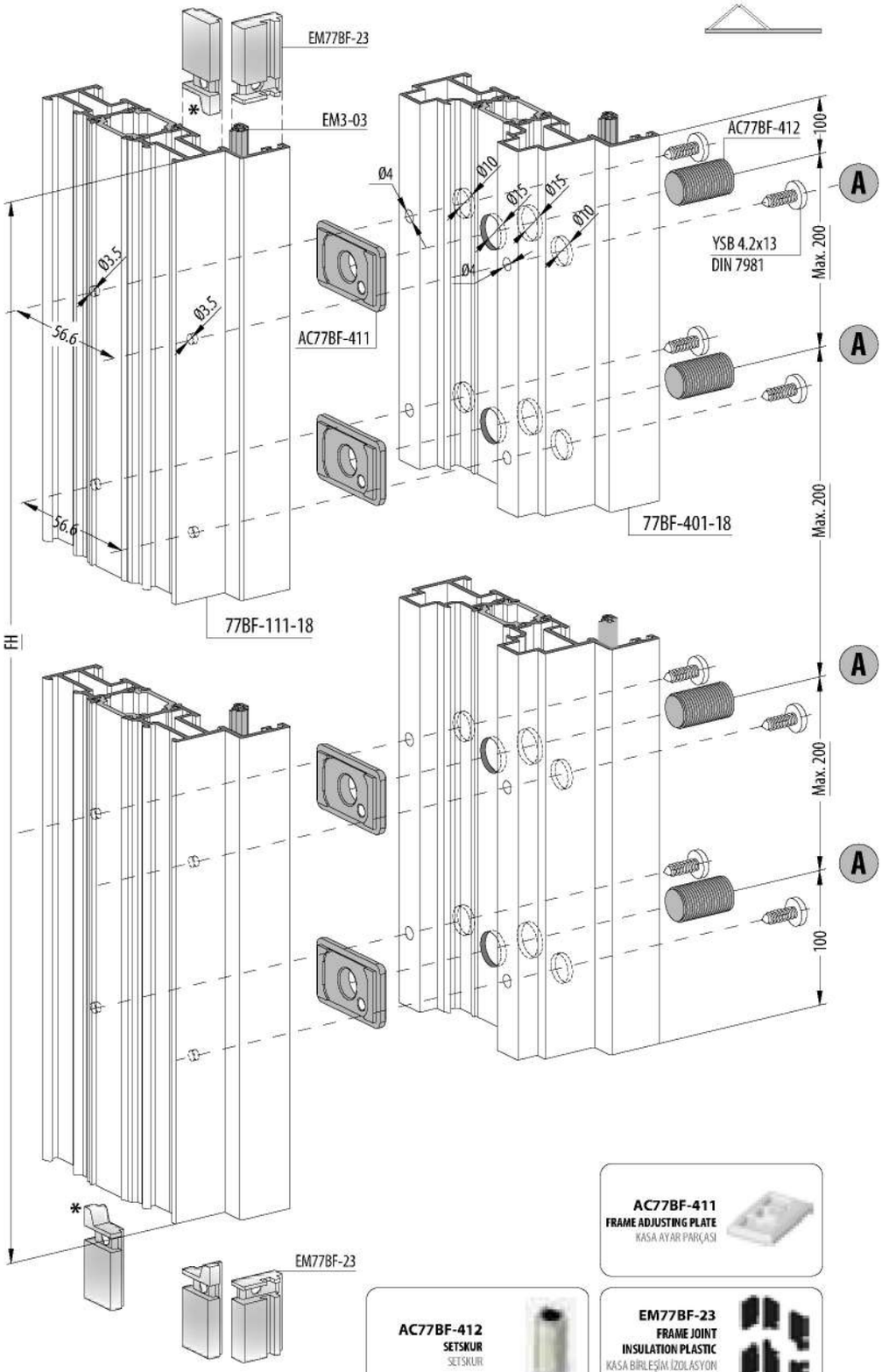




01-A* POINT DETAIL / NOKTA DETAYI





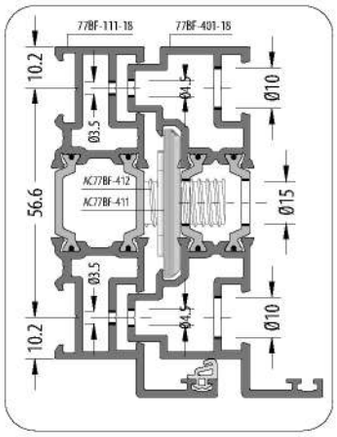


Attention
Dikkat !...



EM77BF-23
MUST BE CUT
KESİLMELİ

A
DETAIL / DETAY

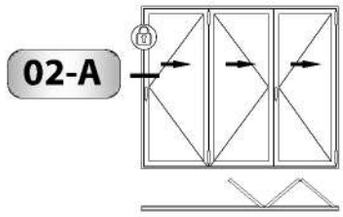


AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI

AC77BF-412
SETSKUR
SETSKUR

EM77BF-23
FRAME JOINT INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON PLASTİĞİ

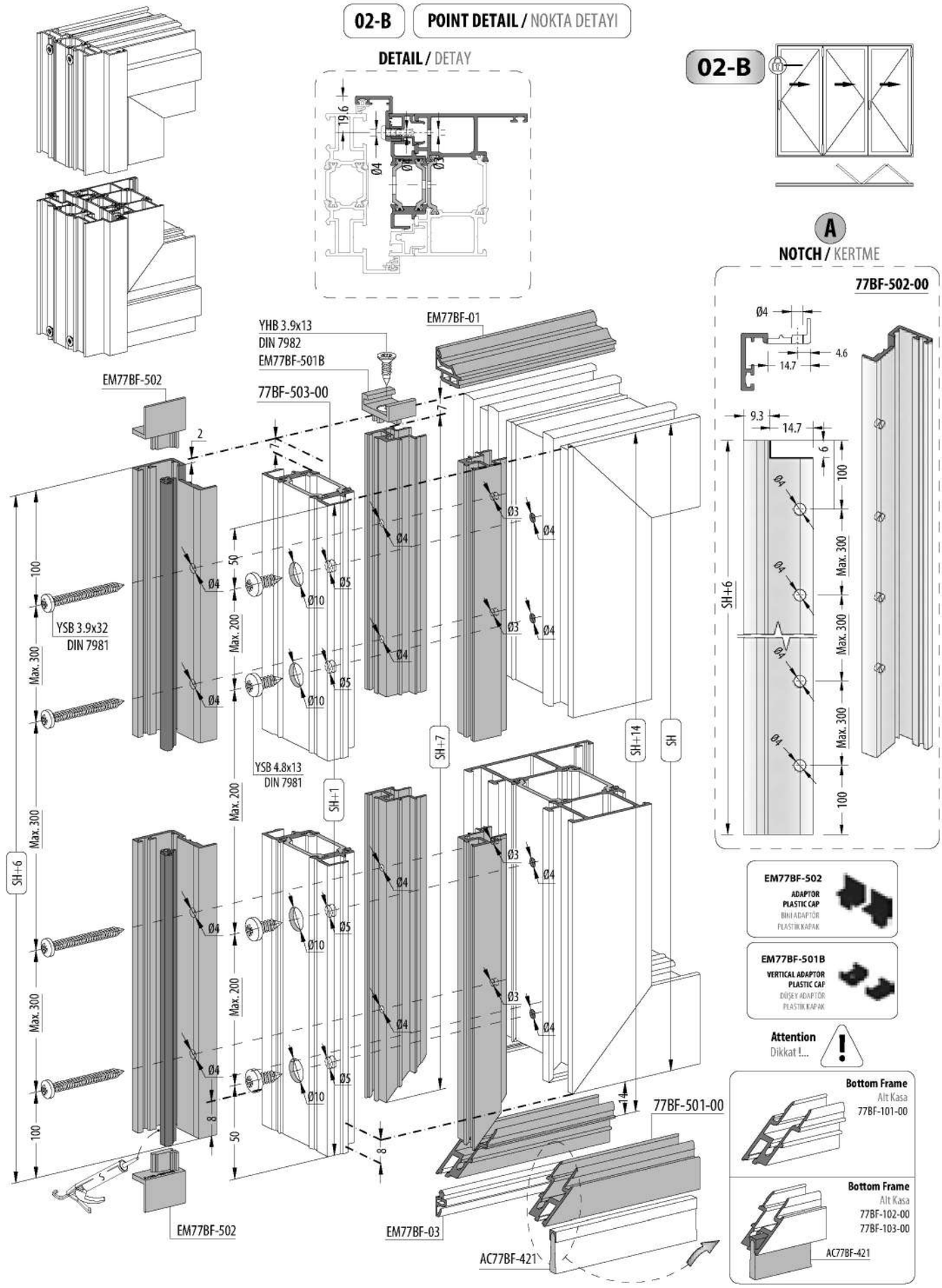
02-A POINT DETAIL / NOKTA DETAYI



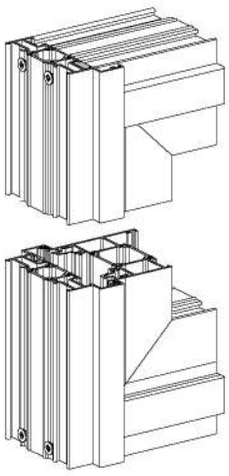
DETAIL / DETAY

A
NOTCH / KERTME

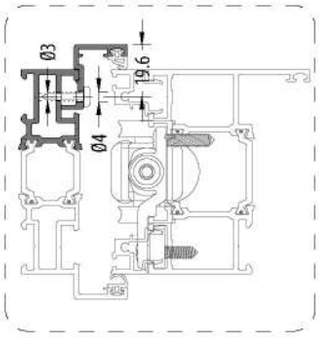
Attention / Dikkat !...


02-B
POINT DETAIL / NOKTA DETAYI
DETAIL / DETAY
02-B
A
NOTCH / KERTME
77BF-502-00
YHB 3.9x13
DIN 7982
EM77BF-501B
EM77BF-01
EM77BF-502
77BF-503-00
YSB 3.9x32
DIN 7981
YSB 4.8x13
DIN 7981
77BF-501-00
EM77BF-502
EM77BF-03
AC77BF-421
EM77BF-502
ADAPTOR
PLASTIC CAP
BİNİ ADAPTÖR
PLASTİK KAPAK
EM77BF-501B
VERTICAL ADAPTOR
PLASTIC CAP
DÜŞEY ADAPTÖR
PLASTİK KAPAK
Attention
Dikkat !...
Bottom Frame
Alt Kasa
77BF-101-00
Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00
AC77BF-421

03-A POINT DETAIL / NOKTA DETAYI

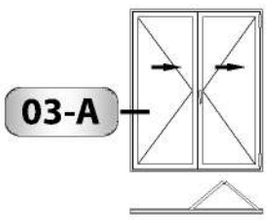


DETAIL / DETAY



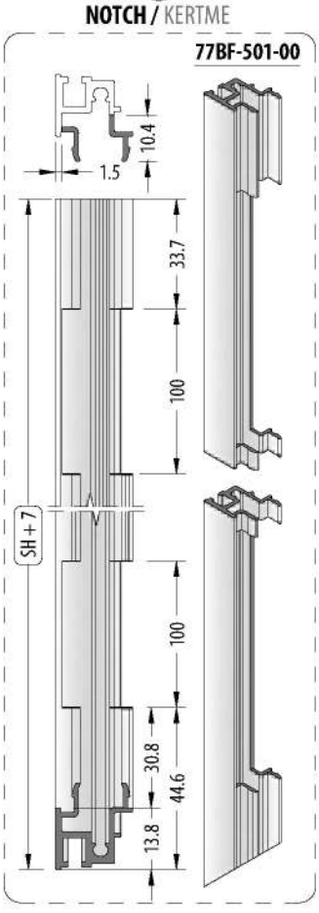


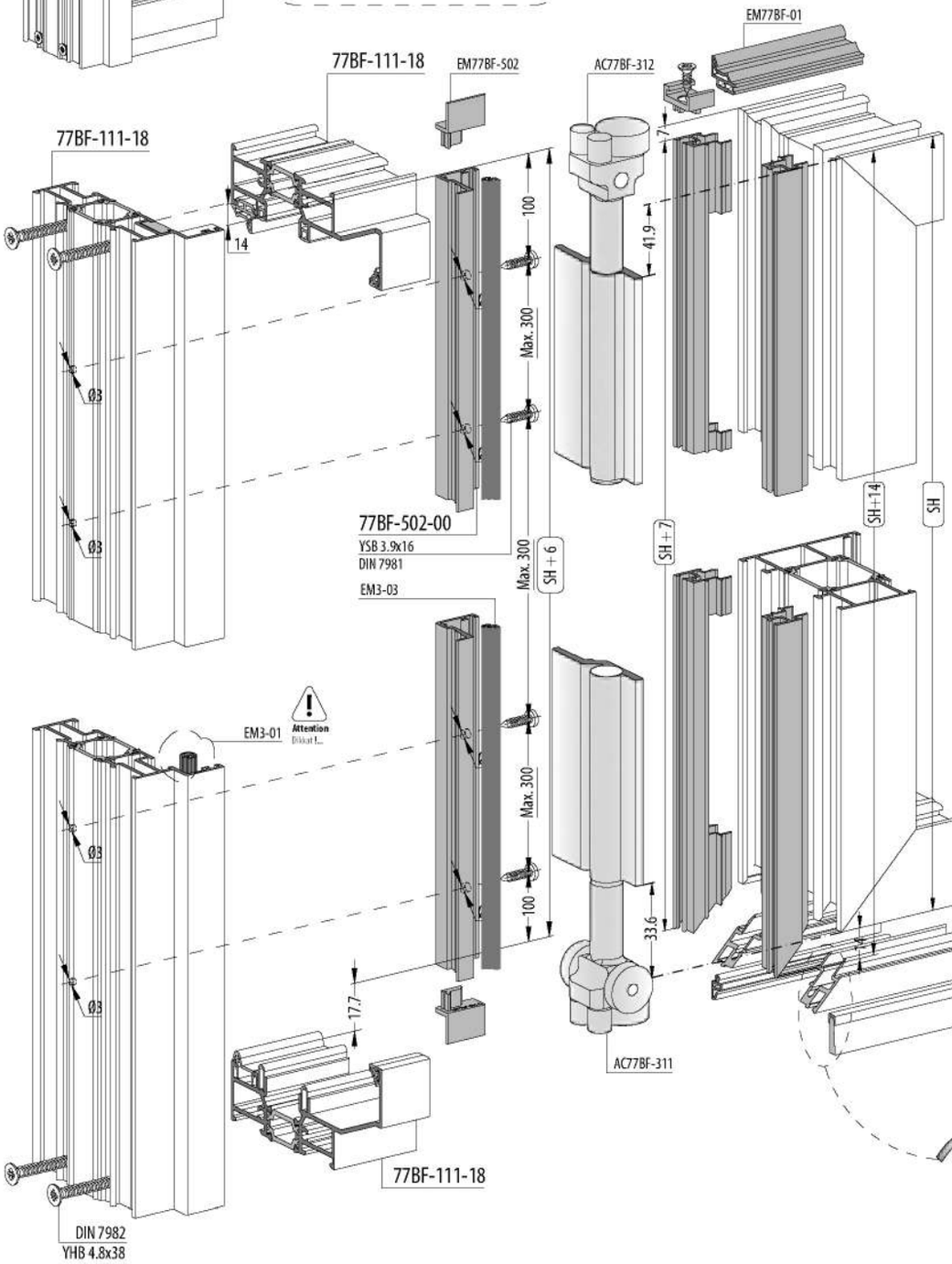




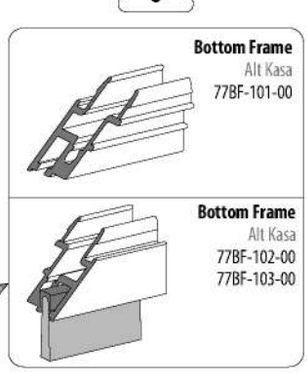
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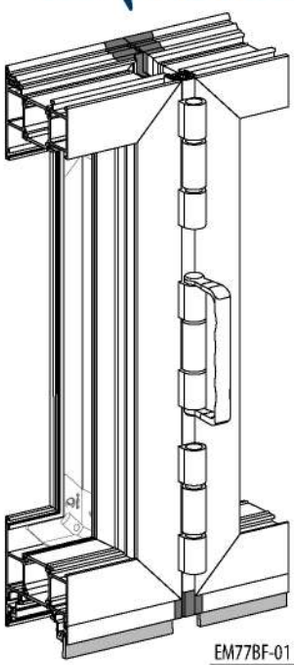
NOTCH / KERTME





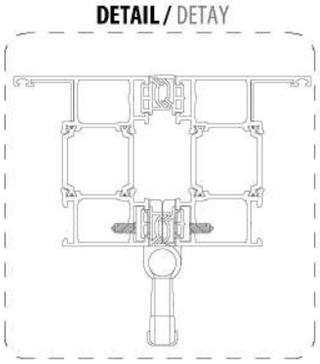
Attention / Dikkat !...



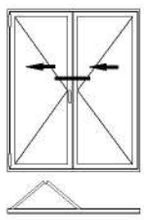


04-A **POINT DETAIL** / NOKTA DETAYI

DETAIL / DETAY



04-A



Attention to gasket direction.
Fitil yönlerine dikkat ediniz.

EM77BF-01

EM77BF-C02
(EM77BF-C16)

EM77BF-C02
(EM77BF-C14)

Top of sash
Kanat üstü

14.5

AC77BF-301

77BF-201-18

EM77BF-501A
HORIZONTAL ADAPTOR PLASTIC CAP
YATAY ADAPTÖR PLASTİK KAPAK

EM77BF-C02
EPDM CORNER ENJECTION
EPDM KÖŞE ENJEKSİYON

EM77BF-C14
EM77BF-C16
EM77BF-C13
EM77BF-C15
EM77BF-C18
EM77BF-C18

AC77BF-112

EM77BF-01

EM77BF-02

Attention
Dikkat !...

Bottom Frame
Alt Kasa
77BF-101-00

Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00

AC77BF-421

AC77BF-301

4.7

Bottom of sash
Kanat altı

AC77BF-501A

YHB 3.9x13
DIN 7982

EM77BF-03

EM77BF-C02
(EM77BF-C17)

EM77BF-C02
(EM77BF-C13)

AC77BF-421

EM77BF-C02
(EM77BF-C18)

EM77BF-C02
(EM77BF-C15)

YHB 3.9x13 - DIN 7982

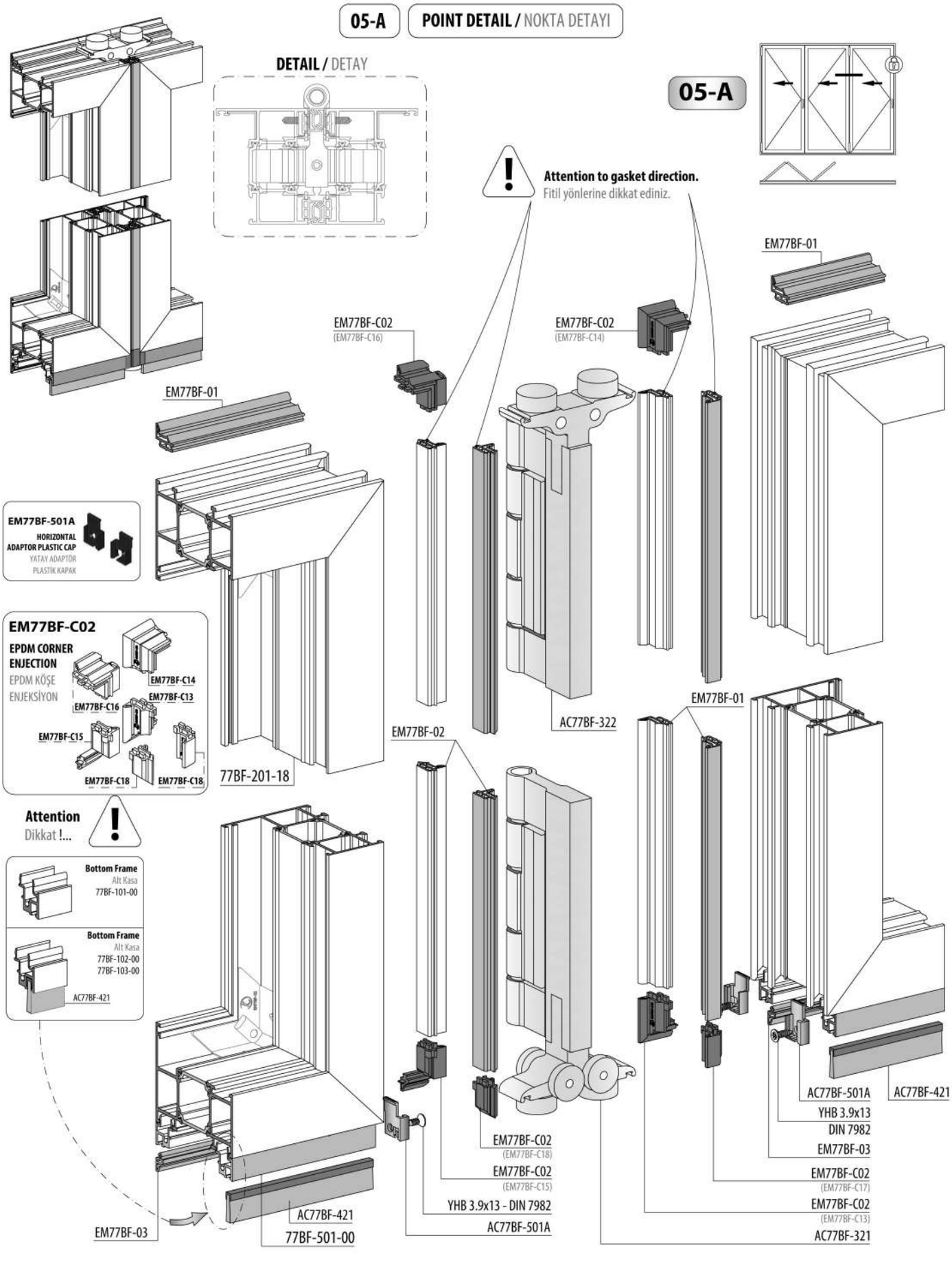
AC77BF-501A

AC77BF-421

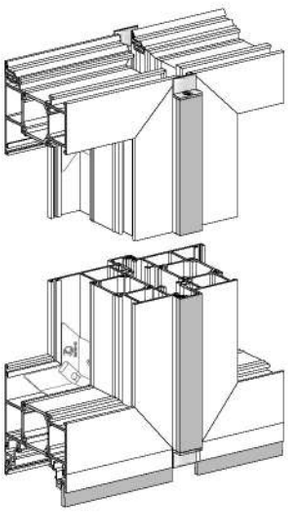
77BF-501-00

EM77BF-03

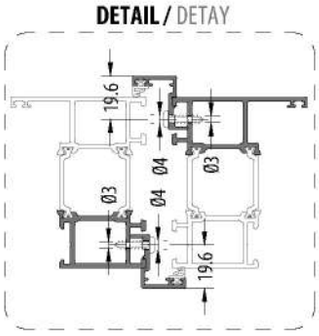
05-A **POINT DETAIL** / NOKTA DETAYI



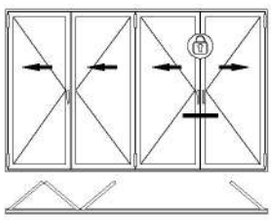
06-A1 **06-A2** **POINT DETAIL** / NOKTA DETAYI



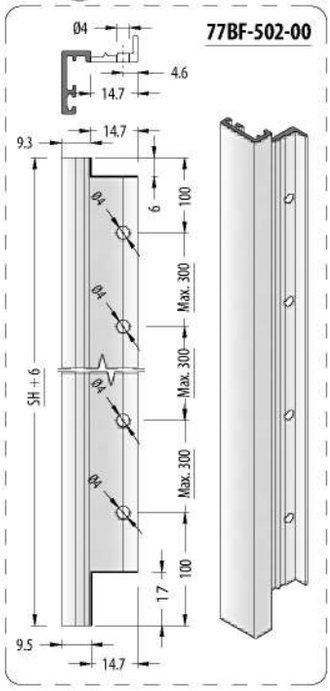
DETAIL / DETAY



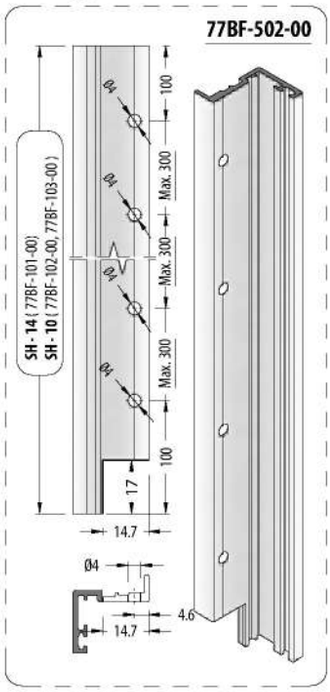
06-A1
06-A2

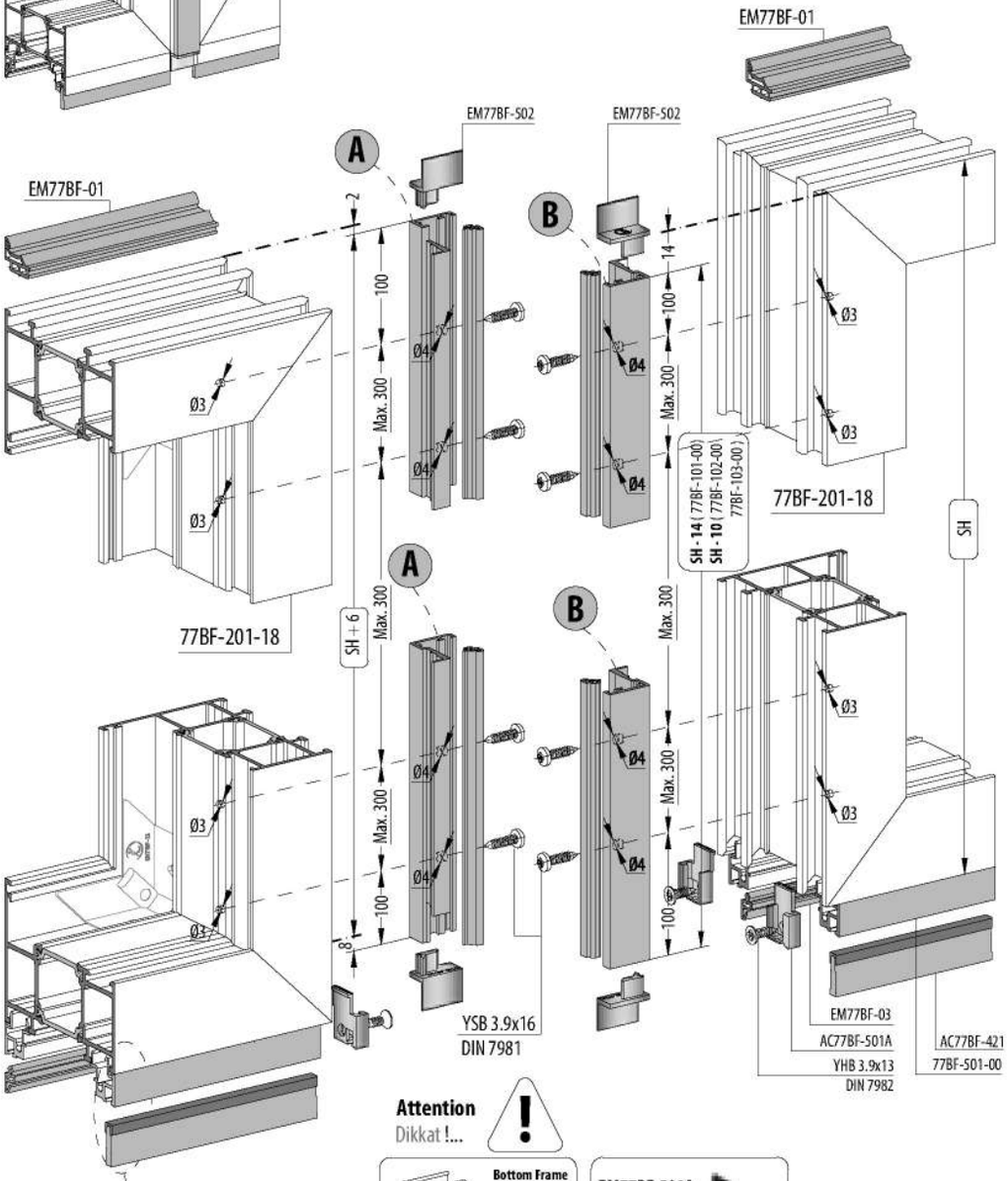


A **NOTCH** / KERTME

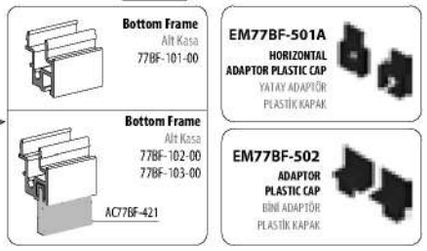


B **NOTCH** / KERTME



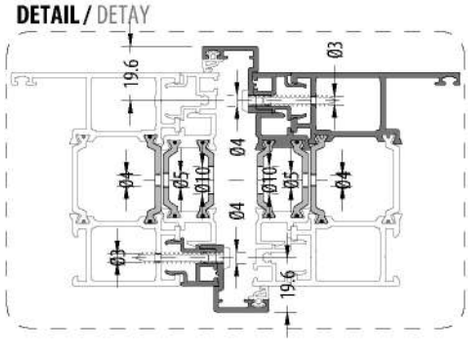


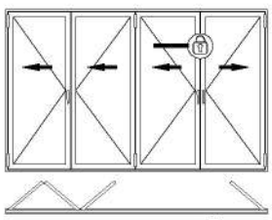
Attention
Dikkat !...

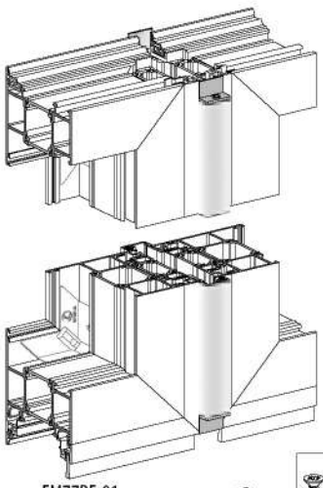


06-B1 **06-B2** **POINT DETAIL** / NOKTA DETAYI

DETAIL / DETAY

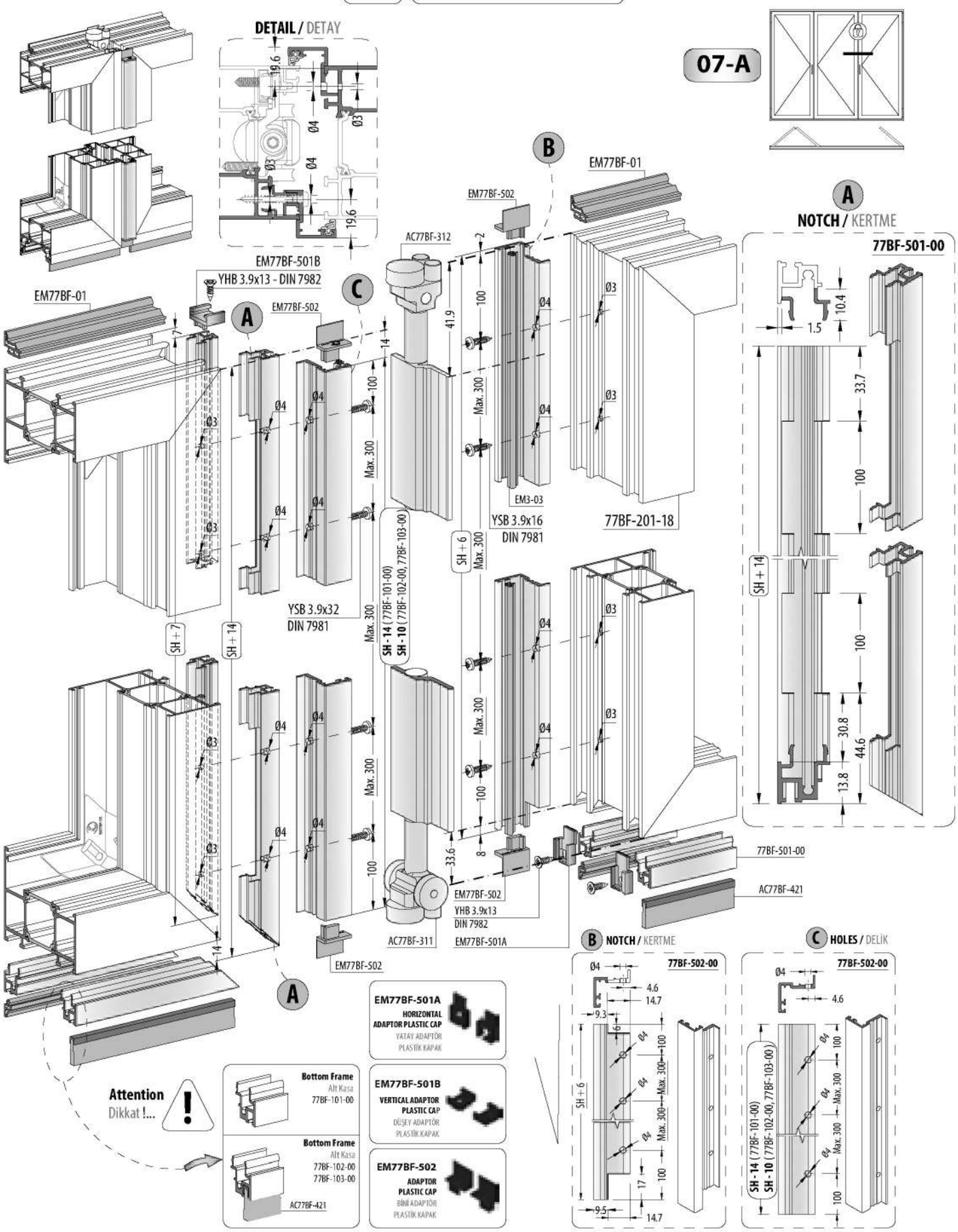




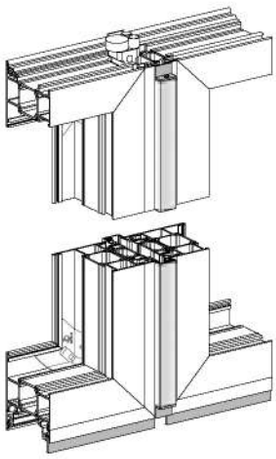


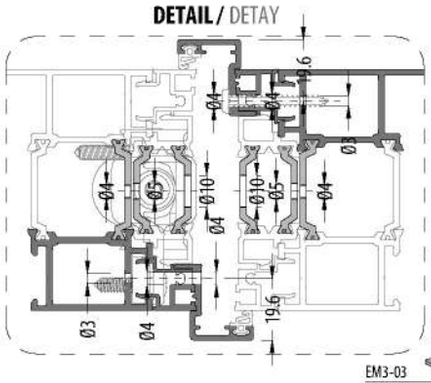
Attention
Dikkat !...

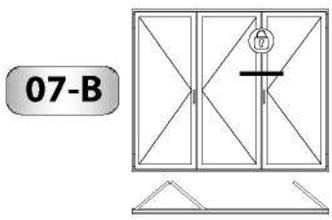
07-A POINT DETAIL / NOKTA DETAYI

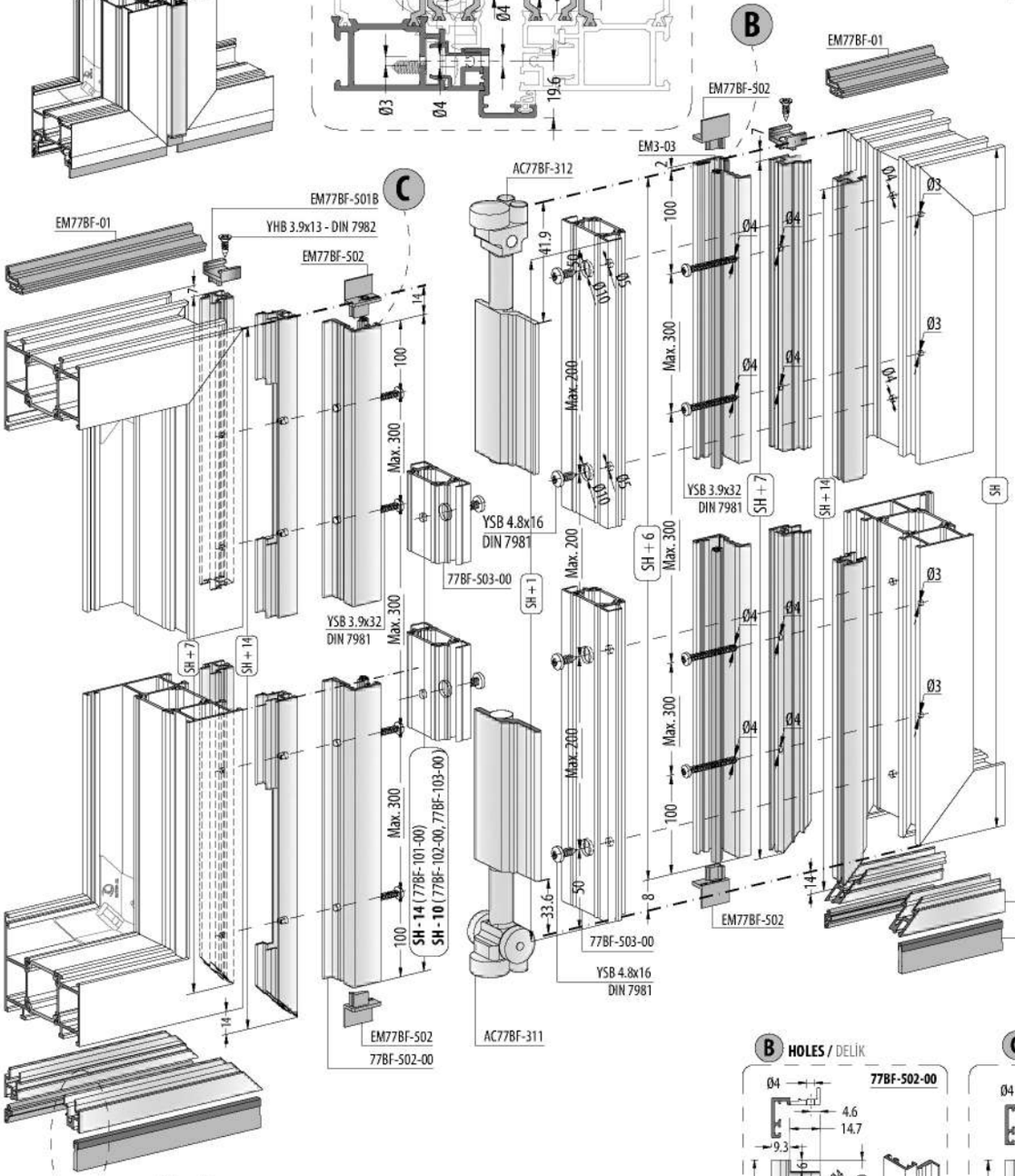


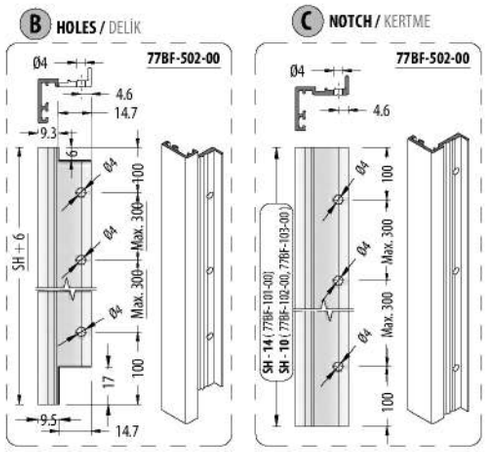
07-B POINT DETAIL / NOKTA DETAYI





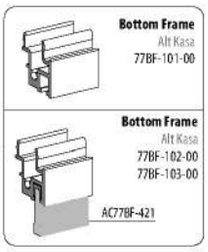






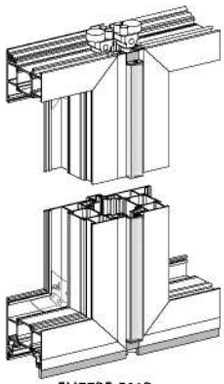
Attention
Dikkat !...



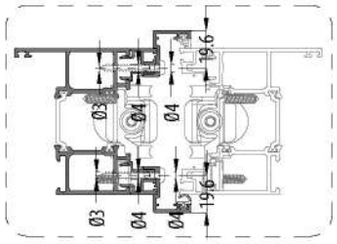




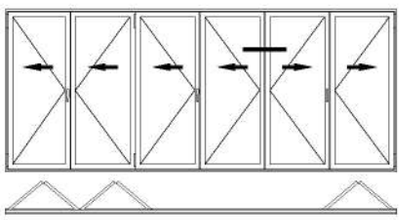
08-A POINT DETAIL / NOKTA DETAYI

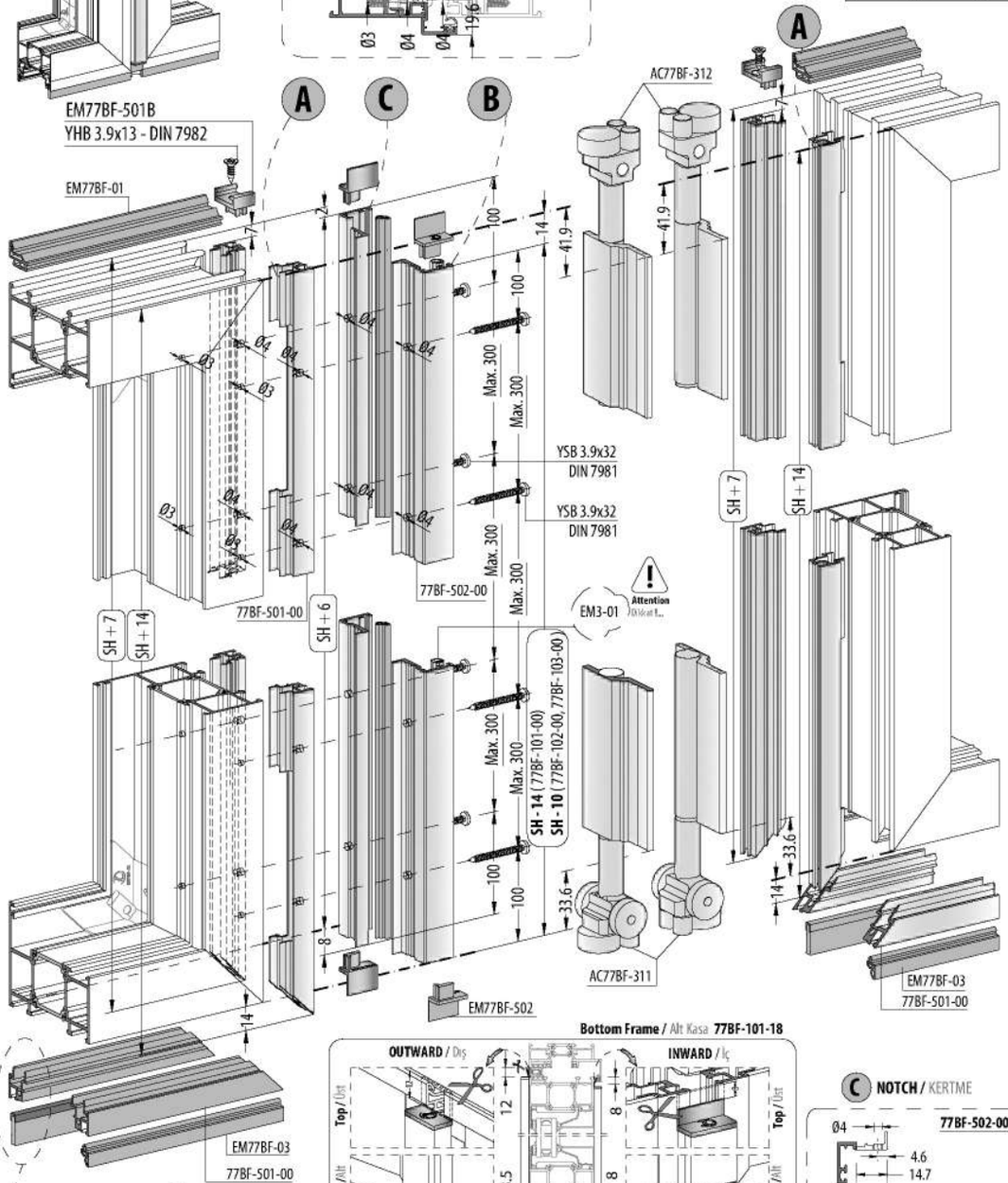


DETAIL / DETAY



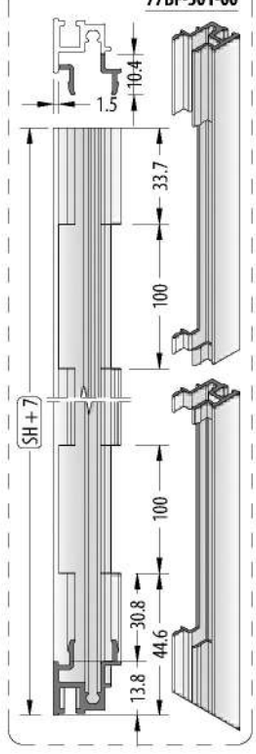
08-A





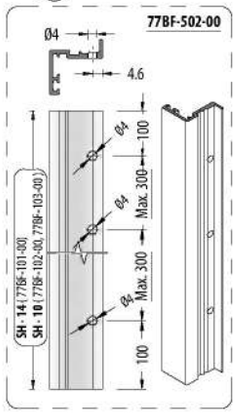
A NOTCH / KERTME

77BF-501-00



B HOLES / DELİK

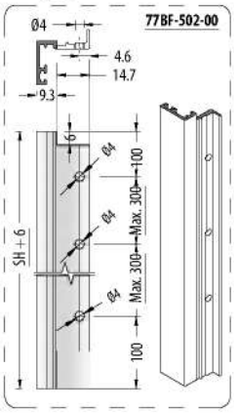
77BF-502-00



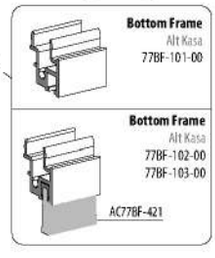
Bottom Frame / Alt Kasa **77BF-101-18**

C NOTCH / KERTME

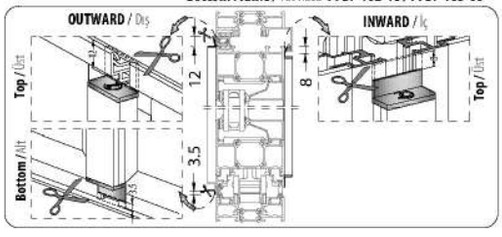
77BF-502-00



Attention
Dikkat !...



Bottom Frame / Alt Kasa **77BF-102-18 / 77BF-103-00**

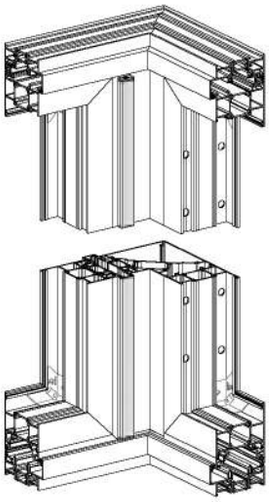




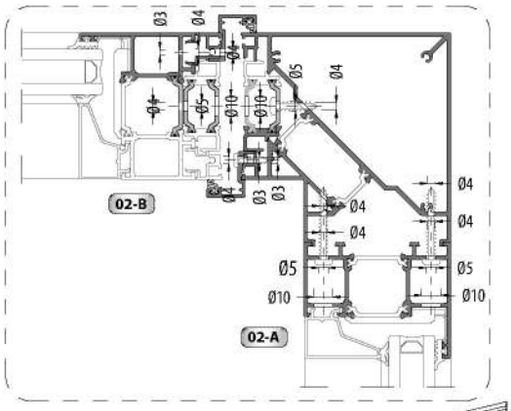


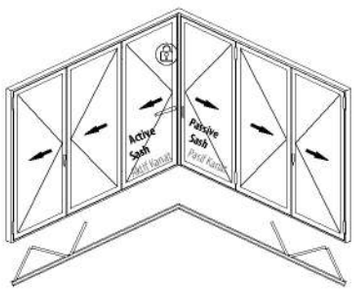
02-B / 02-A

POINT DETAIL / NOKTA DETAYI

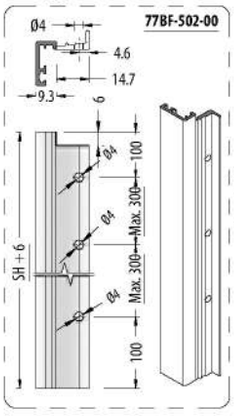


DETAIL / DETAY

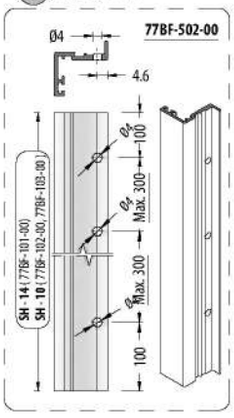




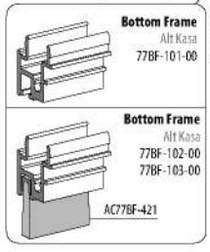
A **NOTCH** / KERTME

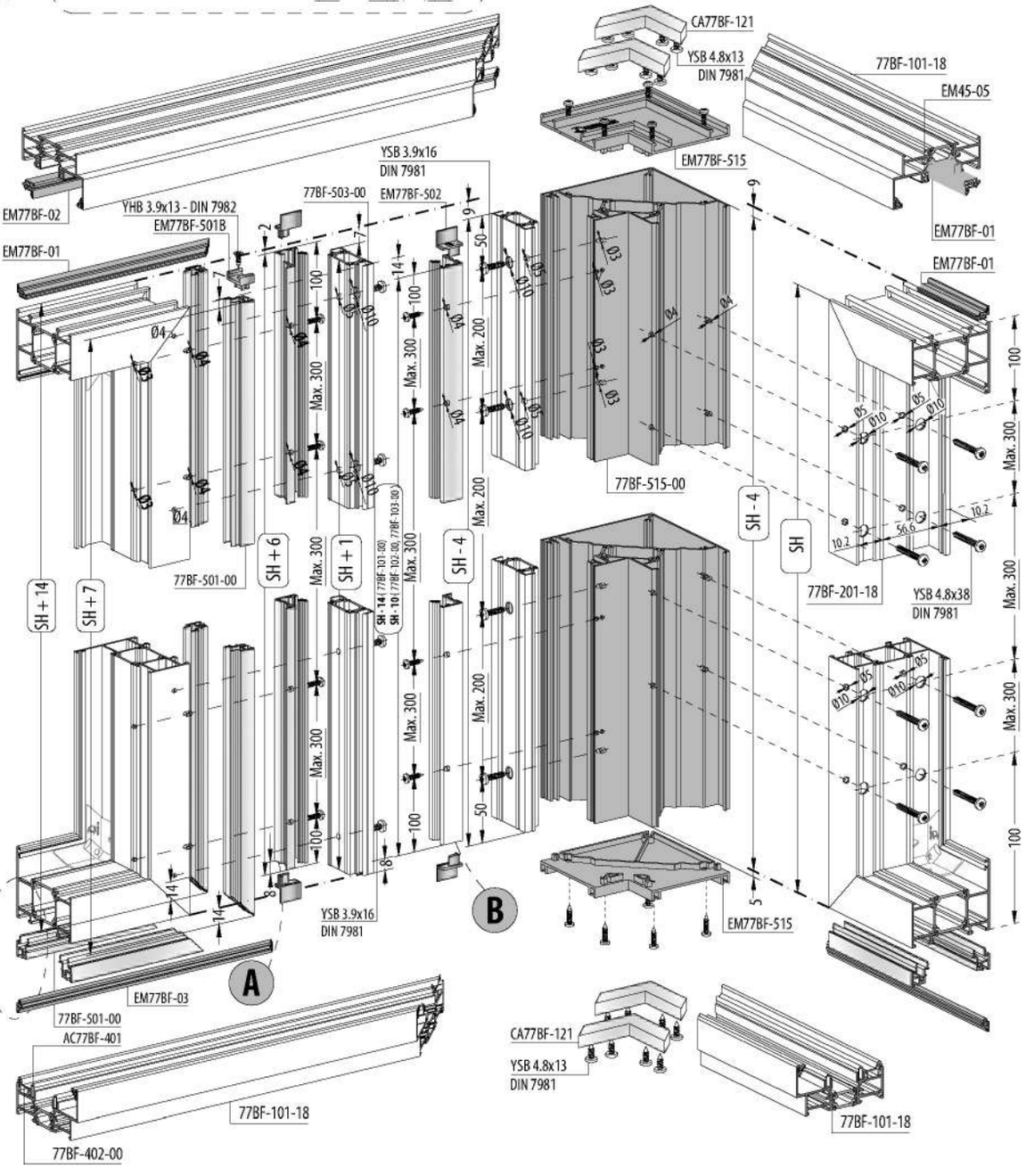


B **HOLES** / DELİK

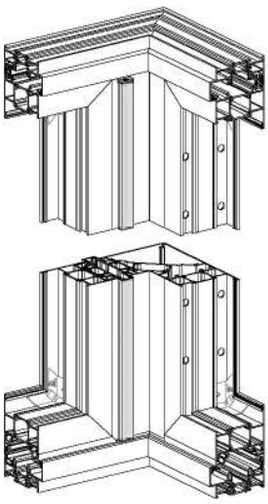


Attention
Dikkat !...

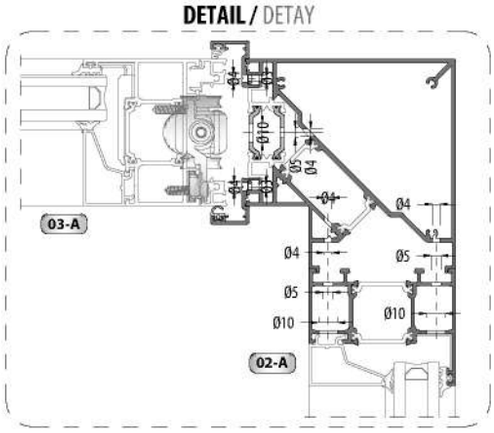


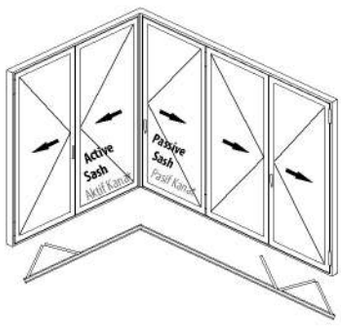


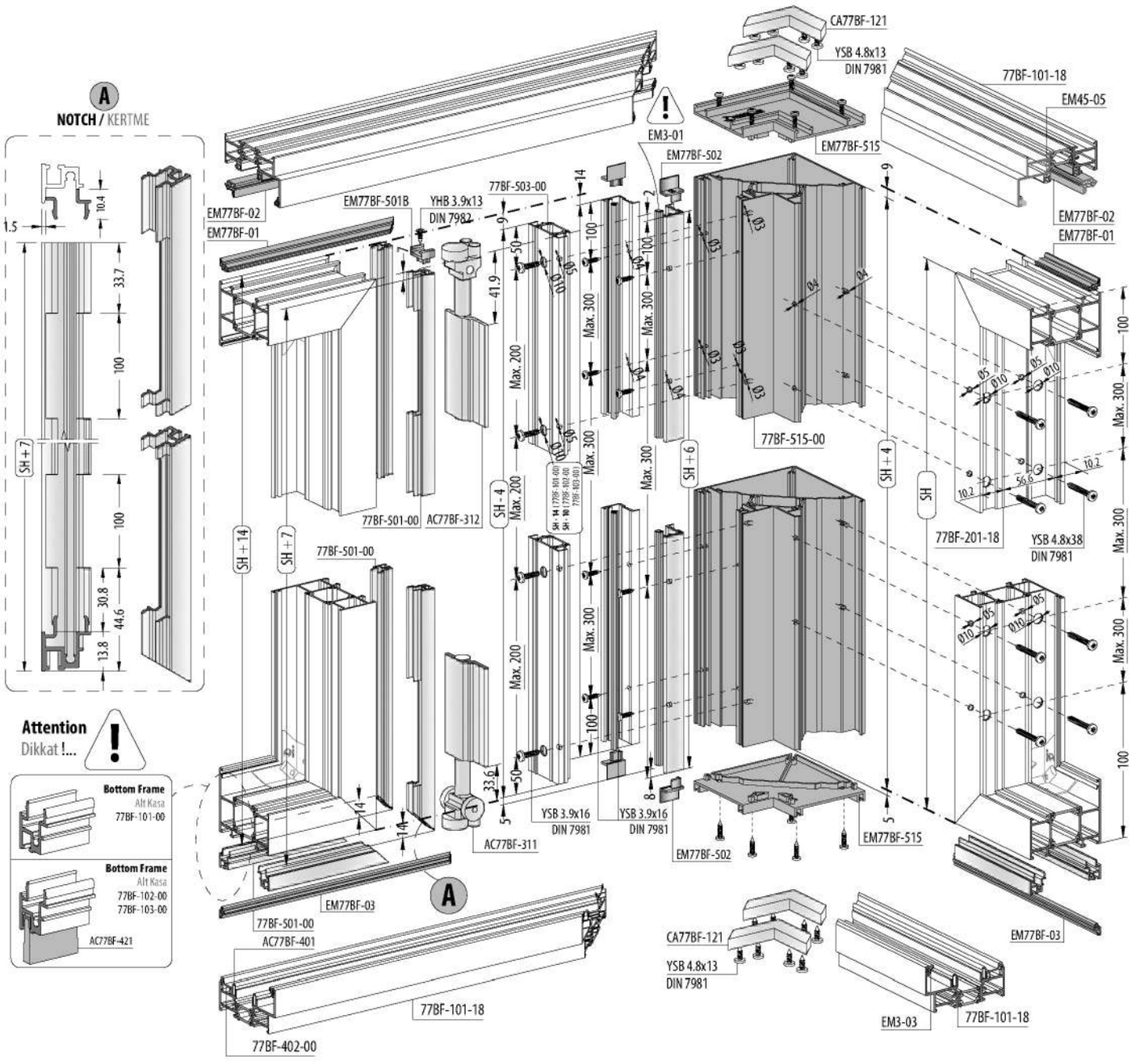
03-A / 02-A — POINT DETAIL / NOKTA DETAYI



DETAIL / DETAY

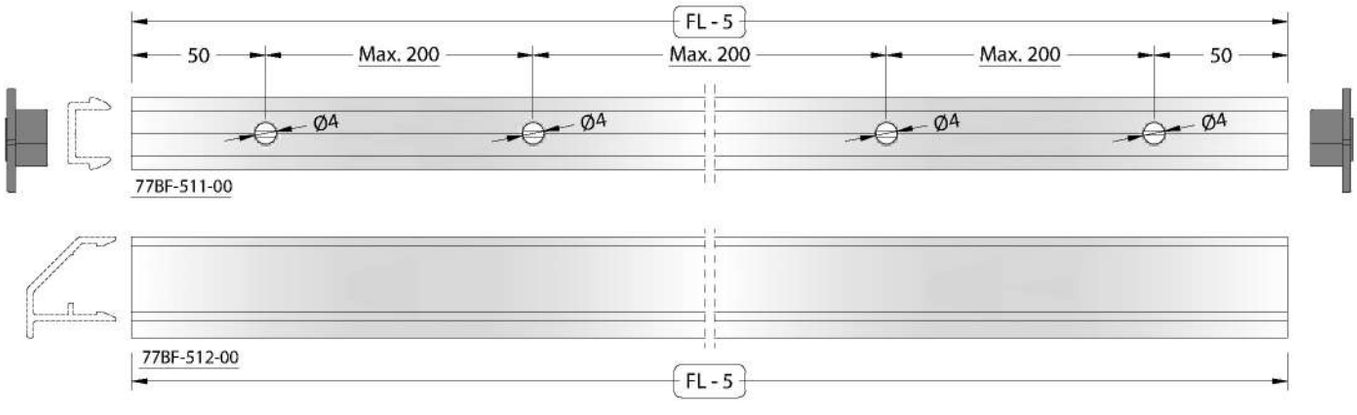






ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI





ACCESSORIES ASSEMBLY
AKSESUAR UYGULAMASI

ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

AC77BF-101
MINIMAL HANDLE (INWARD OPENING)
KOL (İÇE AÇILIR)



AC77BF-201
TWO-WAY MOVEMENT
KOL İLETİŞİM EKIPMANI

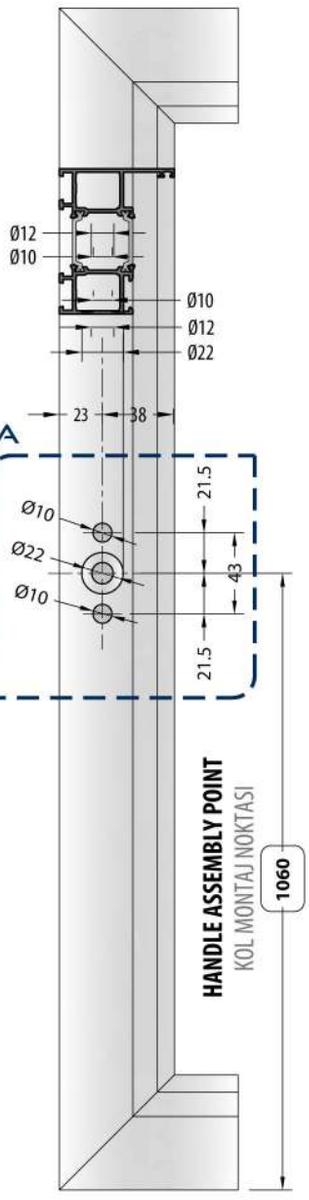


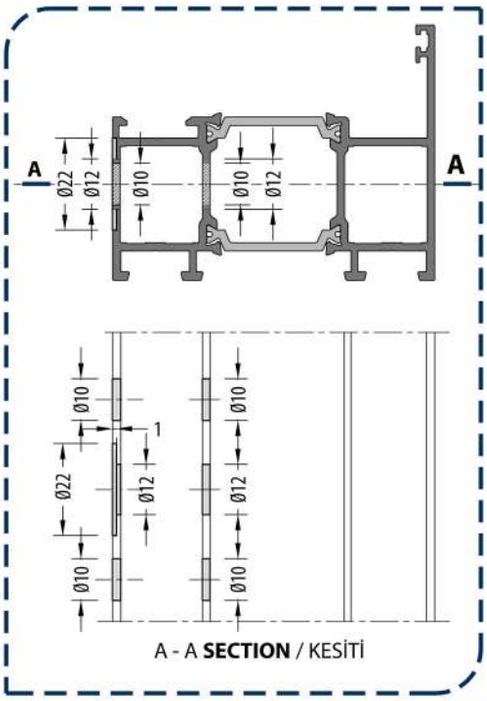
AC77BF-102
MINIMAL HANDLE (OUTWARD OPENING)
KOL (DIŞA AÇILIR)

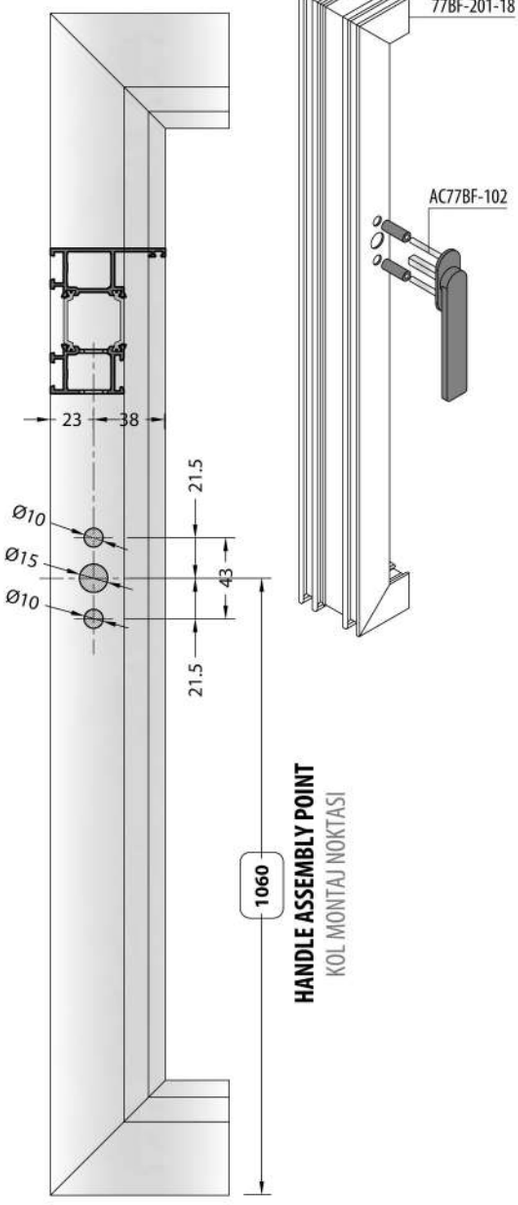


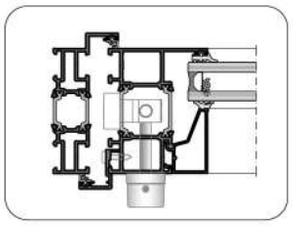
AC77BF-201
TWO-WAY MOVEMENT
KOL İLETİŞİM EKIPMANI

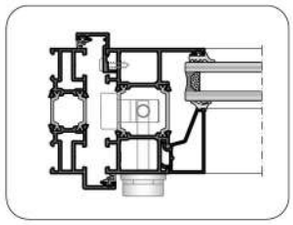












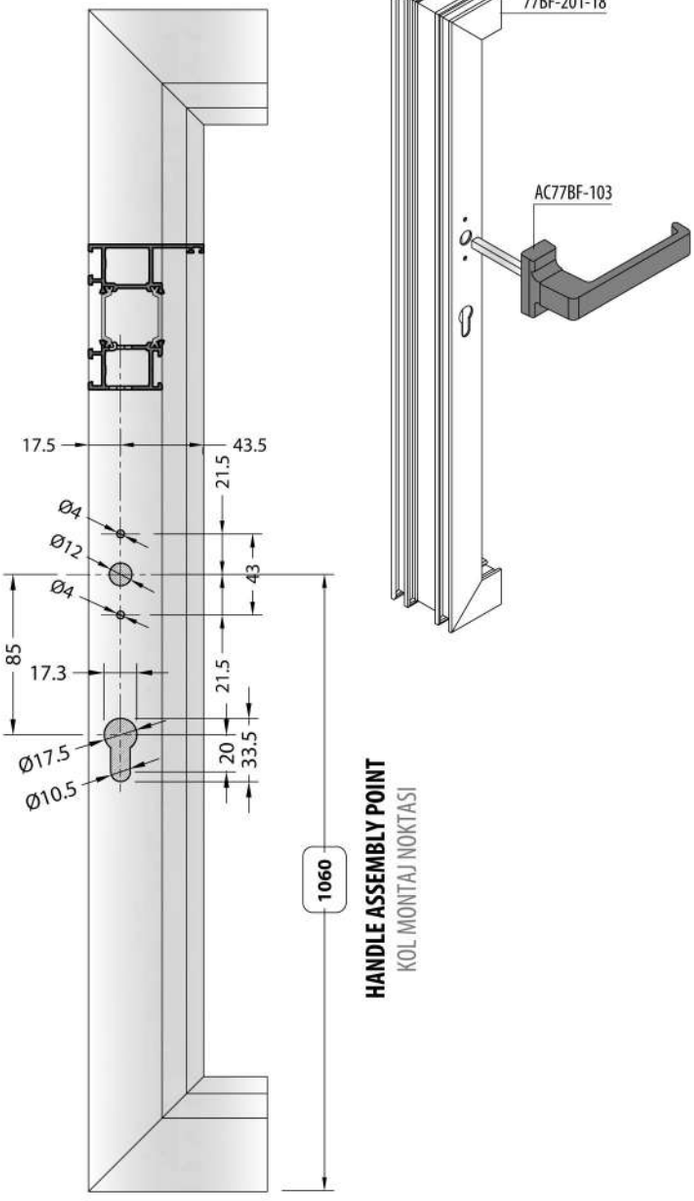
ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

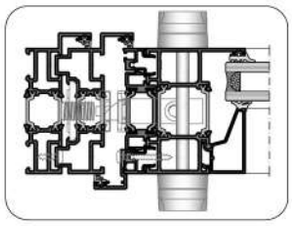
AC77BF-103
DOUBLE HANDLE
MASTER KOL



AC77BF-202
MULTIPOINT CENTER LOCK TWO WAY
KİLİT





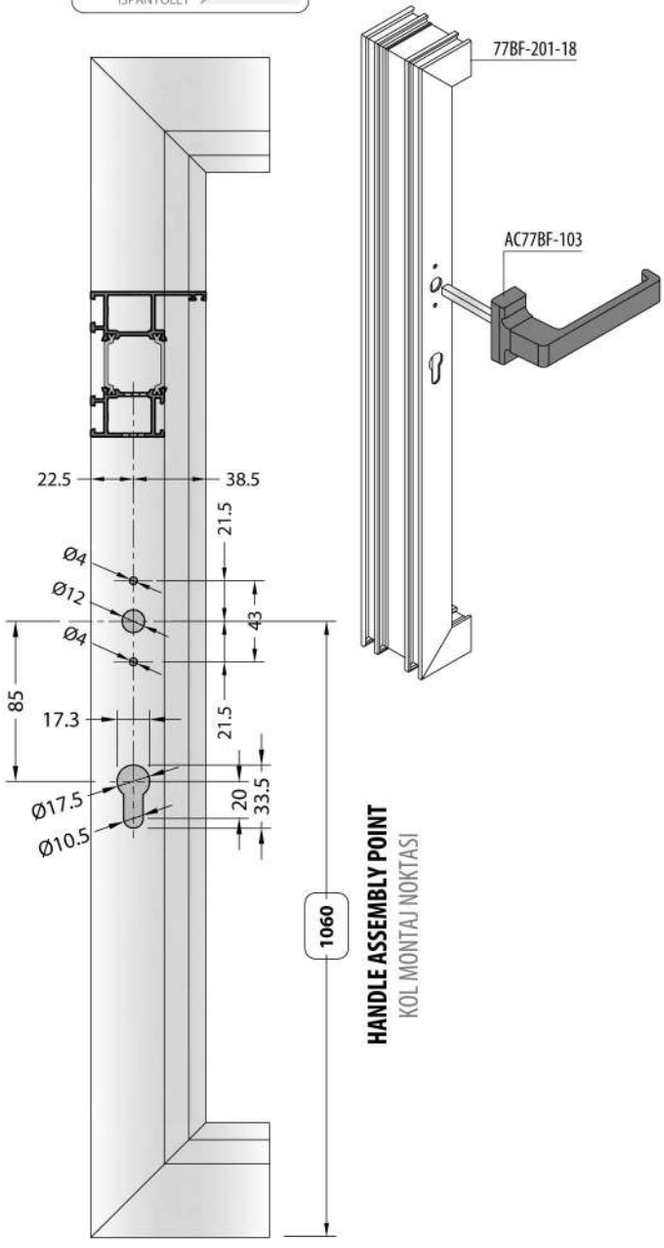


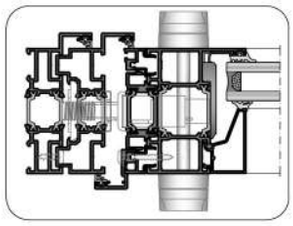
AC77BF-103
DOUBLE HANDLE
MASTER KOL



AC77BF-203
3 LOCKING POINT VERTICAL LOCK
3 NOKTADAN KİLİTLEMELİ İSPANYOLET







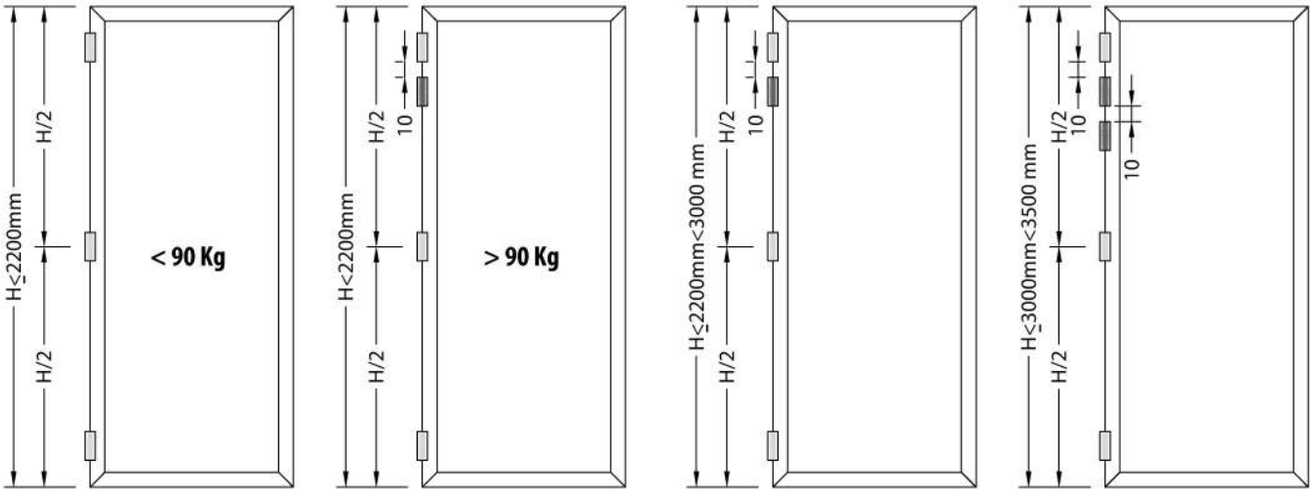
ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

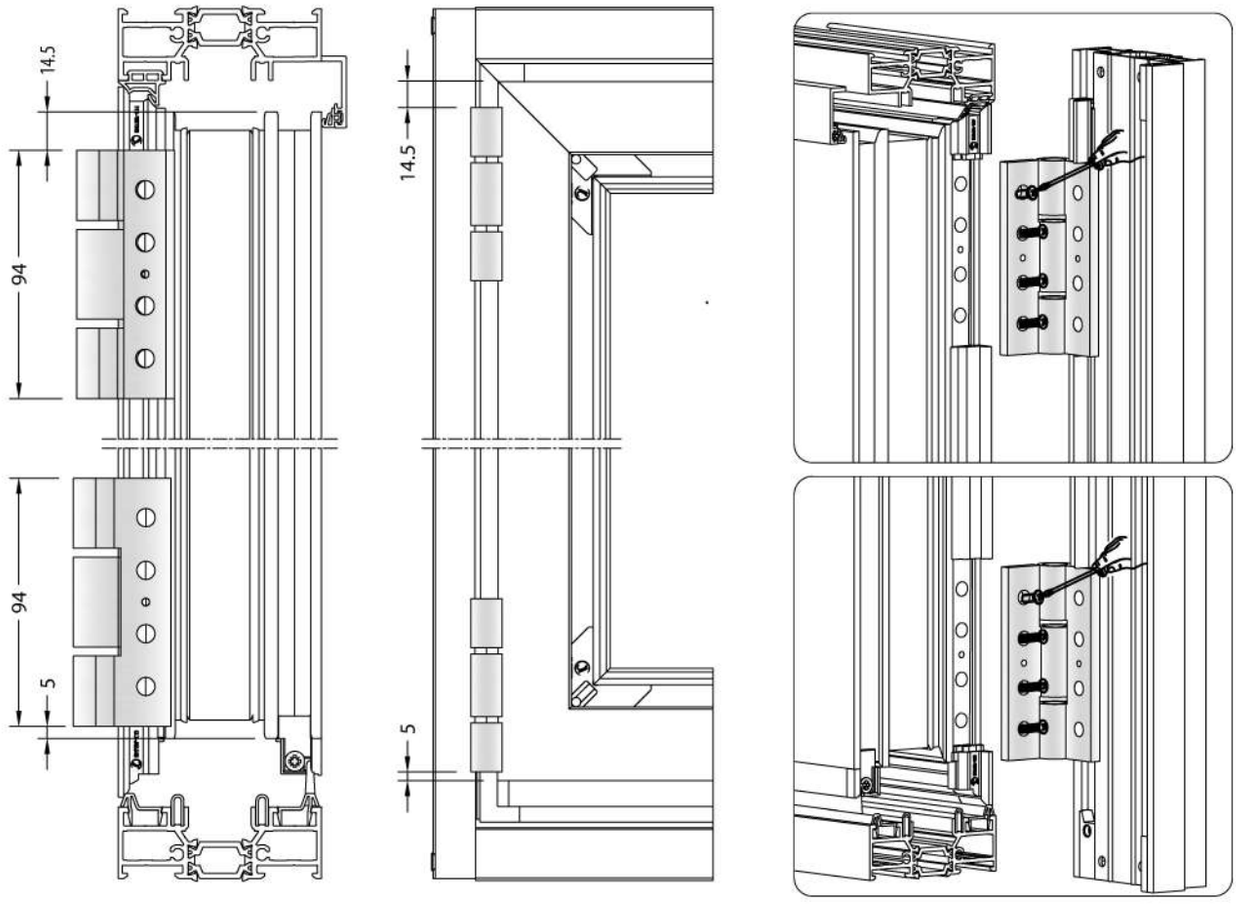
HINGE WITH THREADED PLATE PER SASH / BİR KANATTAKİ KATLANIR MENTEŞE MİKTARI

3 HINGES (MENTEŞE)	Sash (Kanat) < 2200 mm	Sash Weight (Kanat Ağırlık) < 90 Kg
4 HINGES (MENTEŞE)	Sash (Kanat) < 2200 mm	Sash Weight (Kanat Ağırlık) > 90 Kg
4 HINGES (MENTEŞE)	2200 ≤ Sash (Kanat) < 3000 mm	
5 HINGES (MENTEŞE)	3000 ≤ Sash (Kanat) < 3500 mm	

AC77BF-301
HINGE WITH THREADED PLATE
KATLANIR MENTEŞESİ







LORENZOLINE

AC77BF-101 MINIMAL HANDLE (INWARD OPENING) KOL (İÇE AÇILIR)

AC77BF-201 TWO-WAY MOVEMENT KOL İLETİŞİM EKIPMANI

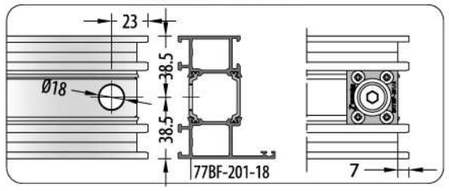
AC77BF-211 LOCKING ROD KIT KILITLEME TIJ TAKIMI

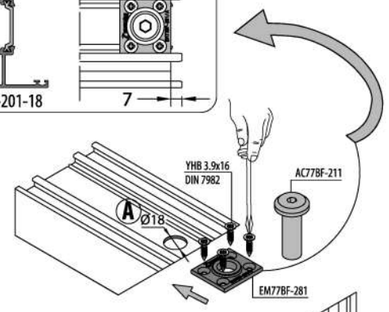
EM77BF-91 ROD GUIDE PLASTIC GİJON KILAVUZ PLASTİĞİ

EM77BF-281 SASH GUIDE SET KANAT KILAVUZ YUVASI

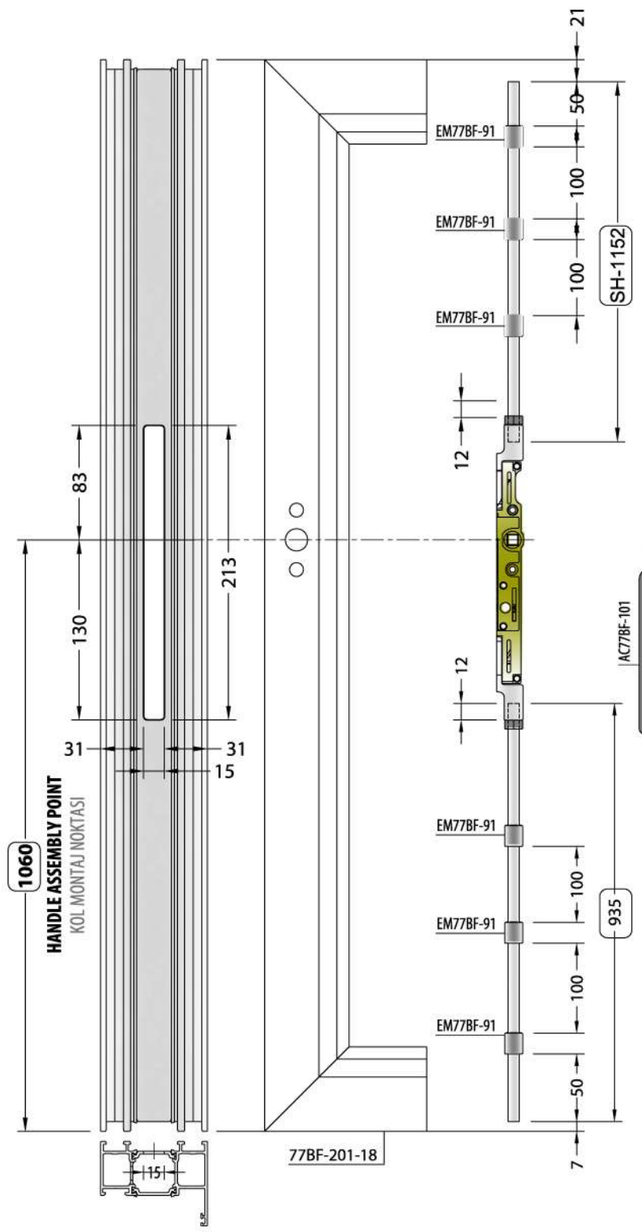
ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

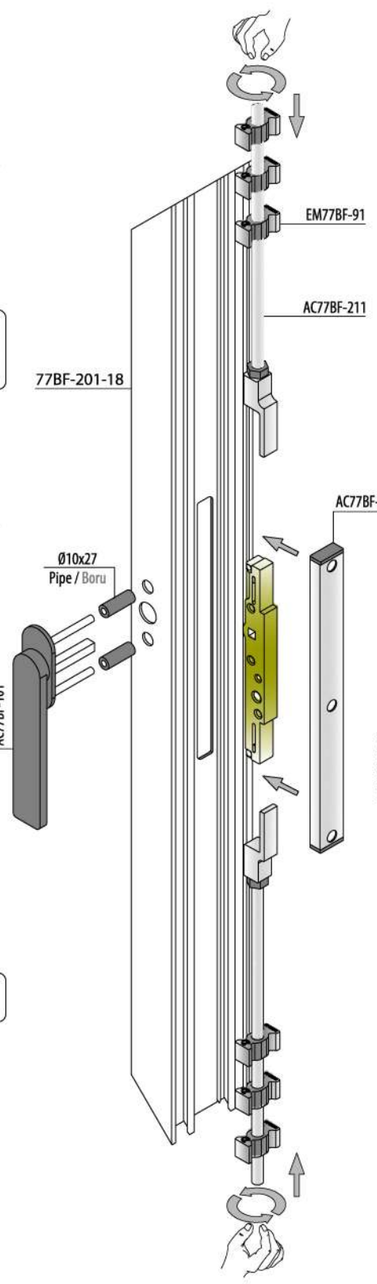
A DETAIL / A DETAYI

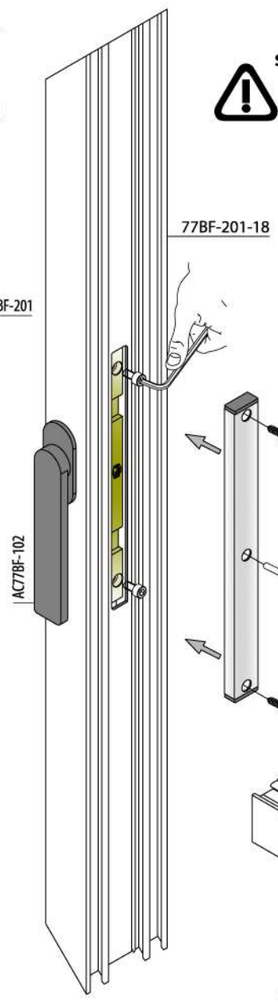


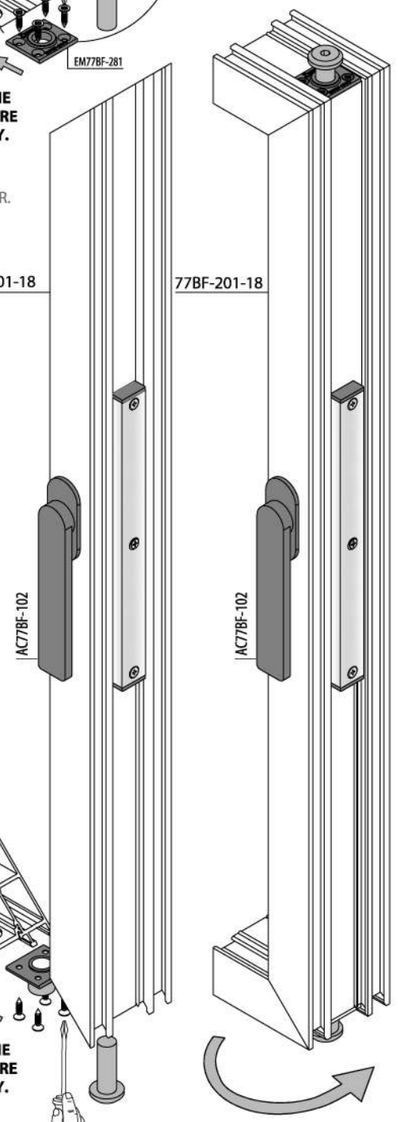


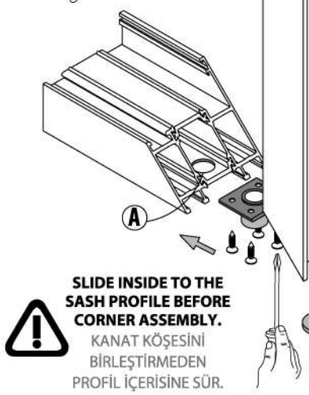
SLIDE INSIDE TO THE SASH PROFILE BEFORE CORNER ASSEMBLY.
KANAT KÖŞESİNİ BİRLEŞTİRMEDEN PROFİL İÇERİSİNE SÜR.





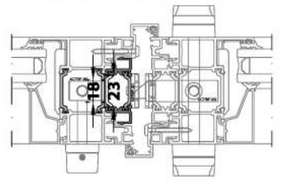


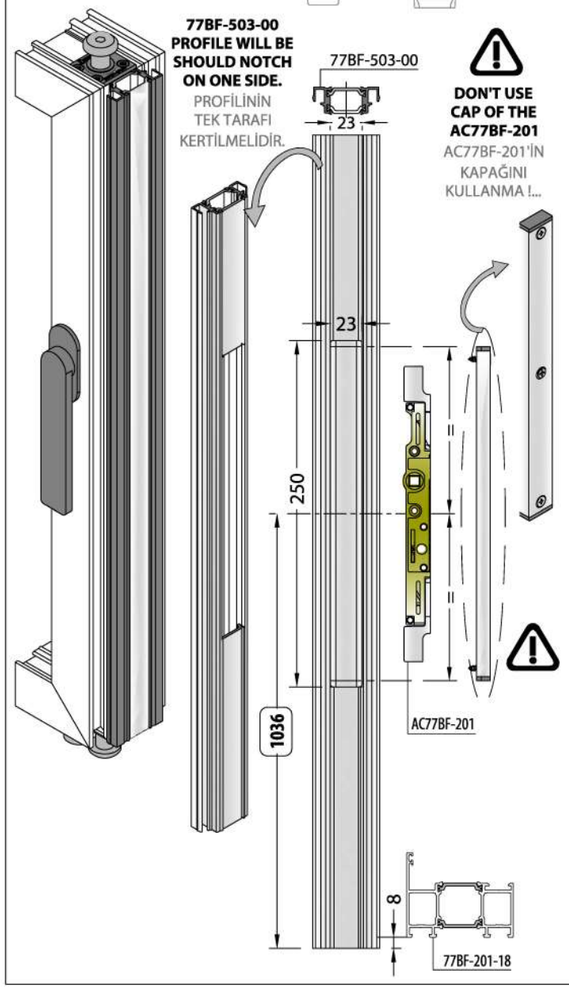




ACCESSORIES ASSEMBLY AKSESUAR UYGULAMASI

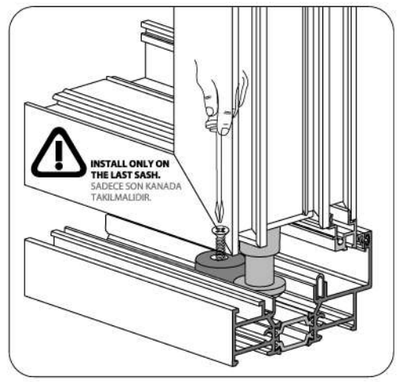
77BF-503-00 NOCHING NEEDS TO BE DONE.
77BF-503-00 KULLANILIYORSA KERTME YAPILMASI GEREKMEKTEDİR.





77BF-503-00 PROFILE WILL BE SHOULD NOTCH ON ONE SIDE.
PROFİLİNİN TEK TARAFI KERTİLMELİDİR.

DON'T USE CAP OF THE AC77BF-201
AC77BF-201'İN KAPAĞINI KULLANMA !...



AC77BF-103 — DOUBLE HANDLE / MASTER KOL

AC77BF-202 — MULTIPOINT CENTER LOCK TWO WAY / KİLİT

AC77BF-211 — LOCKING ROD KIT / KİLİTLEME TİJ TAKIMI

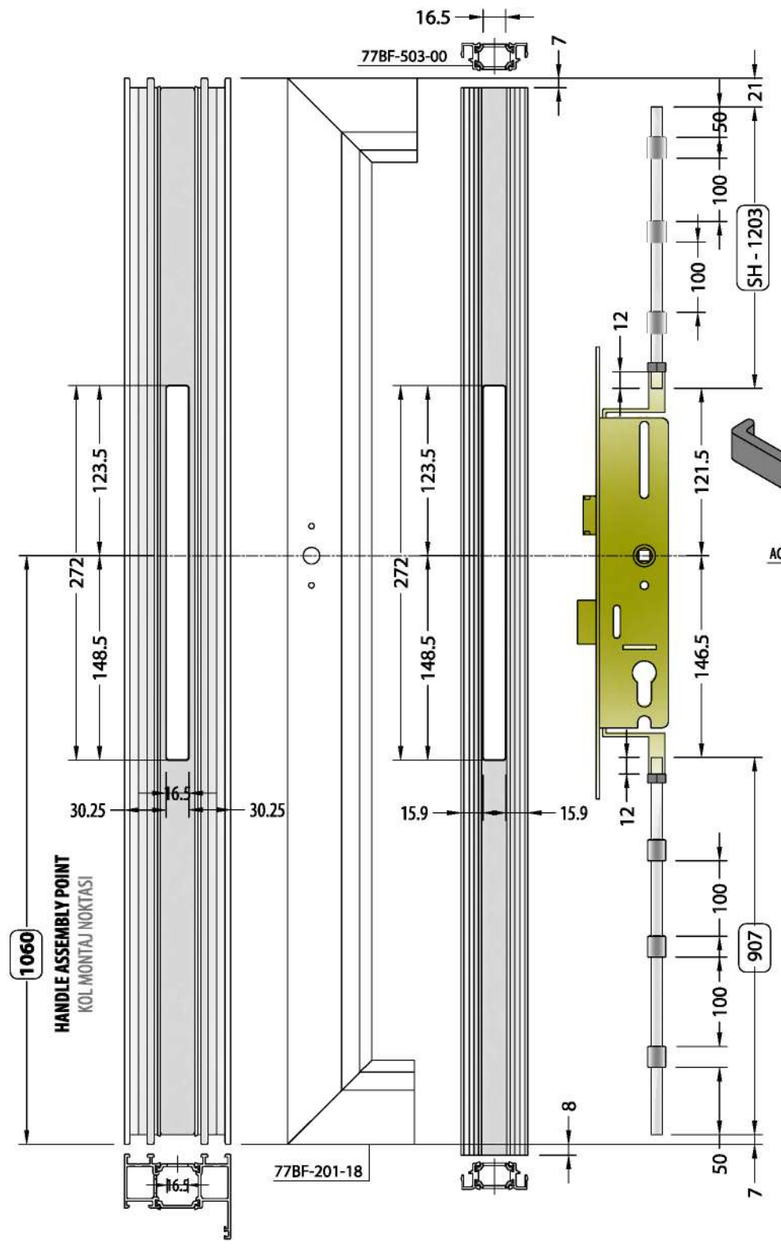
EM77BF-91 — ROD GUIDE PLASTIC / GİJON KILAVUZ PLASTİĞİ

EM77BF-281 — SASH GUIDE SET / KANAT KILAVUZ YUVASI

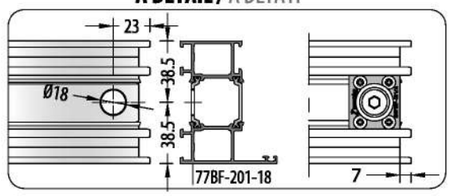
AC77BF-221 — ADJUSTABLE COUNTERPLATE / KİLİT KARŞILIĞI

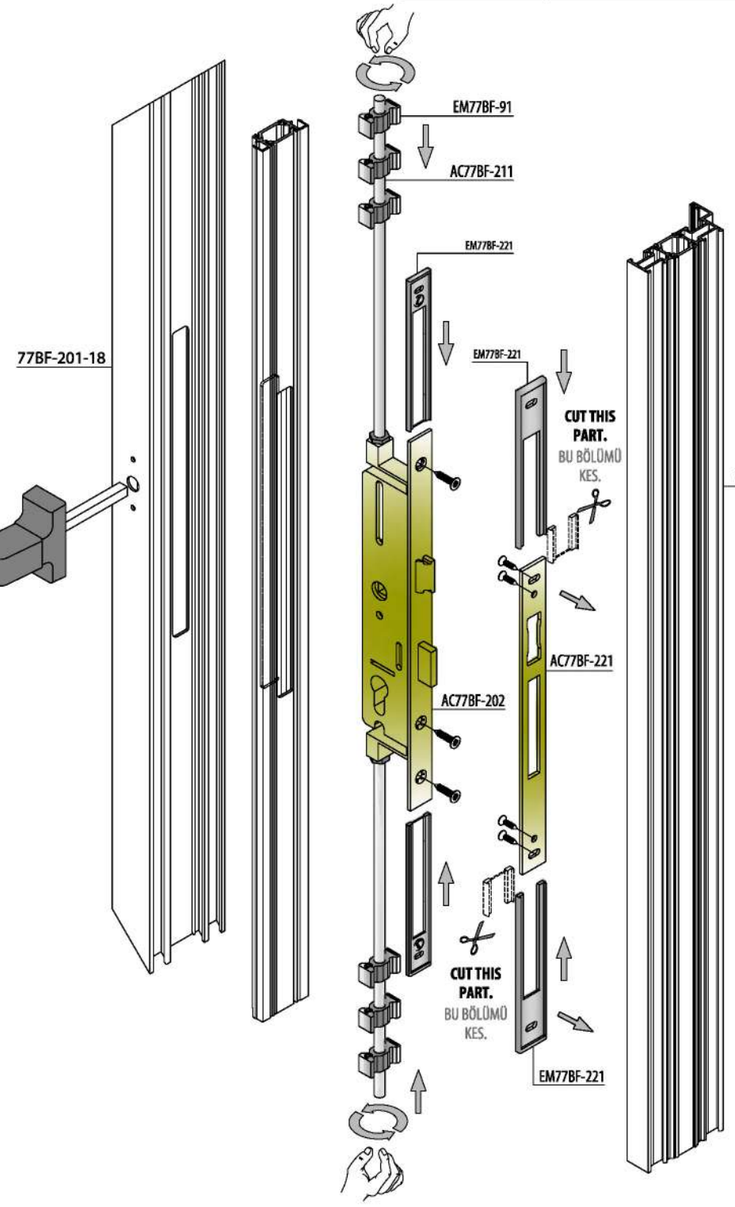
EM77BF-221 — LOCK AND STIKER ADAPTER / KİLİT VE KARŞILIK ADAPTÖRÜ

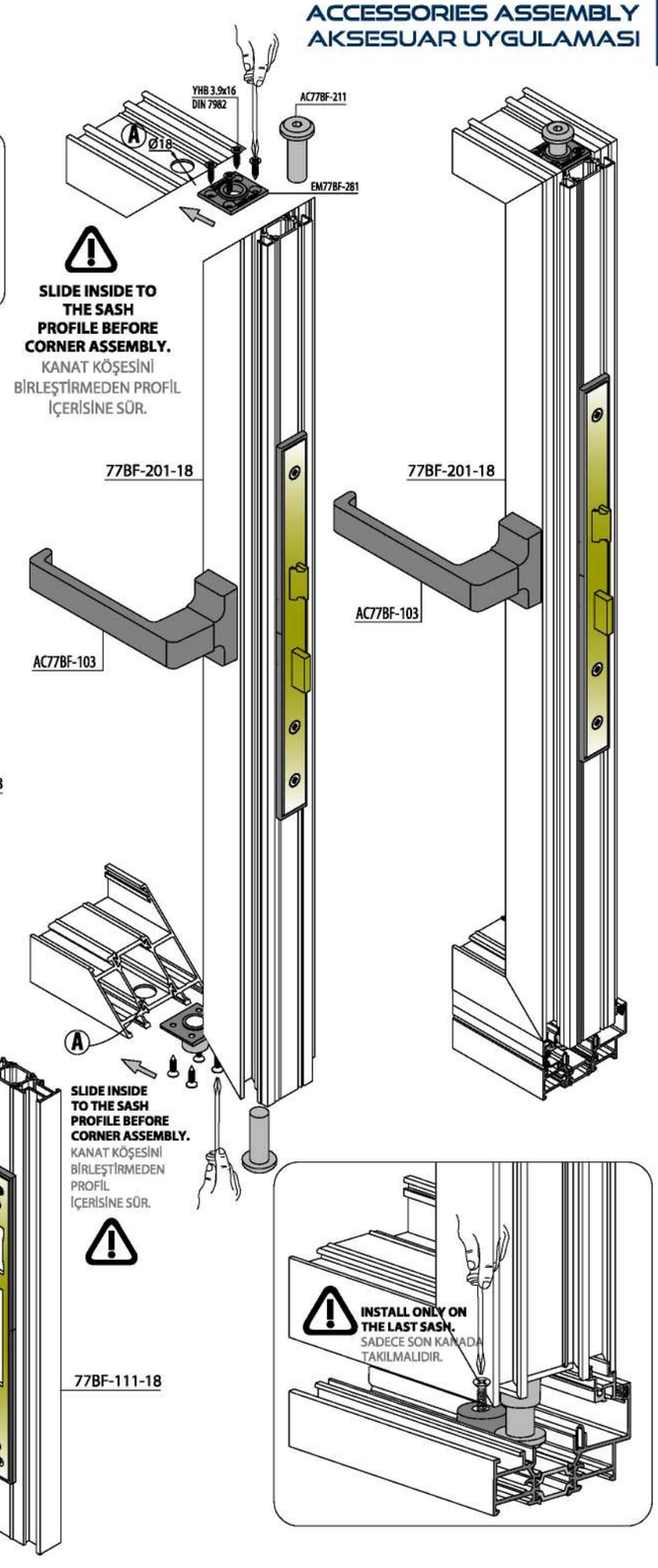
ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI



A DETAIL / A DETAYI

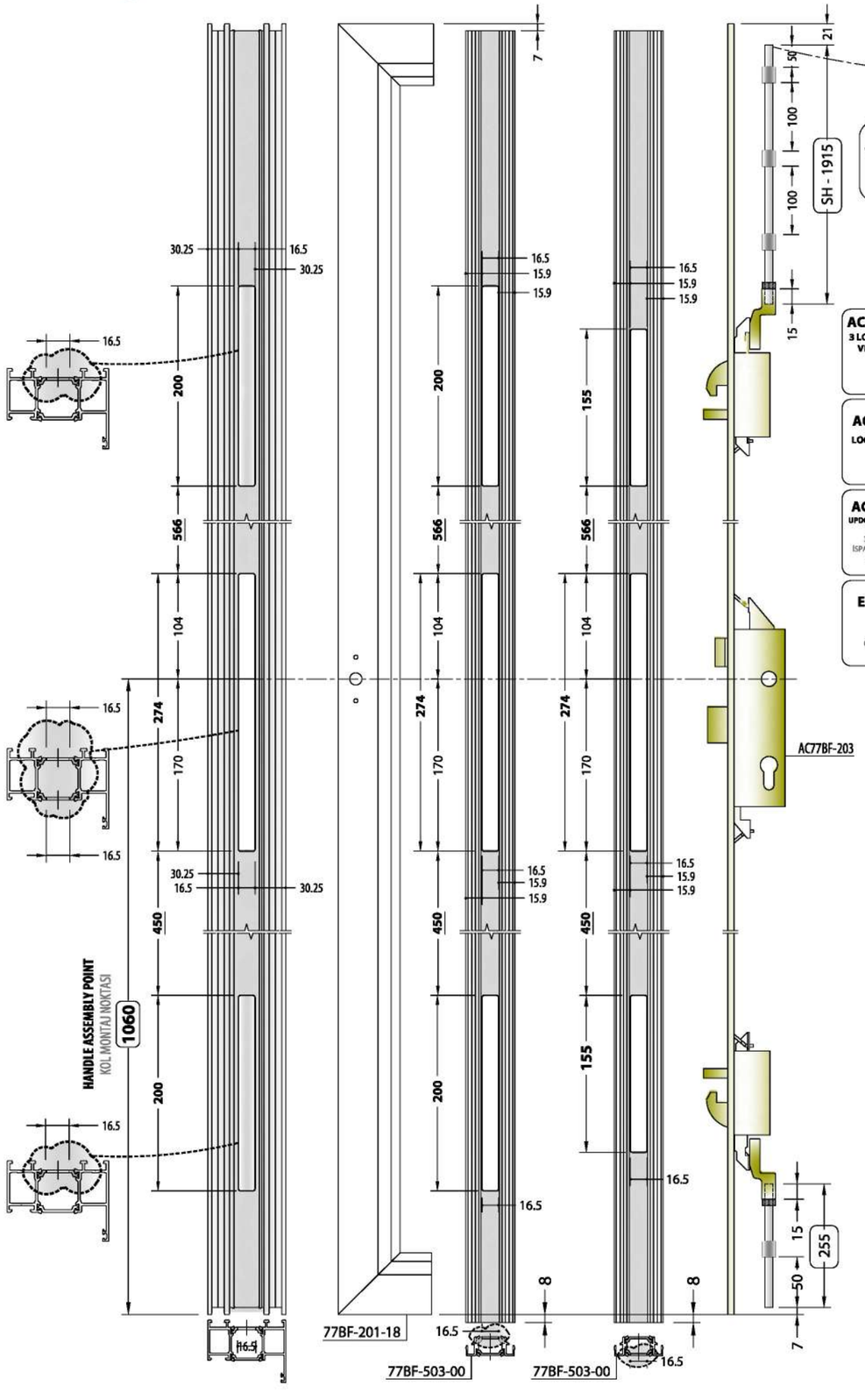






ACCESSORIES ASSEMBLY
AKSESUAR UYGULAMASI

ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI



IF / EĞER : SH < 2313 MM
TOP SIDE OF THE SPANYOLET SHOULD CUT
İSPANYOLETİN ÜSTÜ KESİLMELİ
2313 - SH

AC77BF-103 DOUBLE HANDLE / MASTER KOL

AC77BF-203 3 LOCKING POINT VERTICAL LOCK / 3 NOKTADAN KİLİTLEMELİ İSPANYOLET

EM77BF-281 SASH GUIDE SET / KANAT KILAVUZ YUVASI

AC77BF-211 LOCKING ROD KIT / KİLİTLEME TİJ TAKIMI

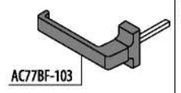
AC77BF-221 ADJUSTABLE COUNTERPLATE / KİLİT KARŞILIĞI

AC77BF-204 UPDOWN CONNECTION FOR TRIPLE LOCK / 3 NOKTADAN KİLİTLİ İSPANYOLET İÇİN GİJON BAĞLANTI APARATI

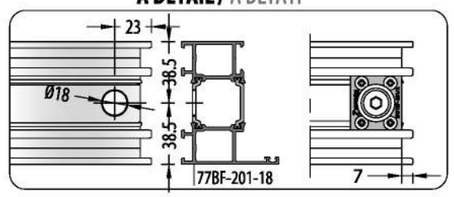
AC77BF-222 ADJUSTABLE COUNTERPLATE / KİLİT KARŞILIĞI

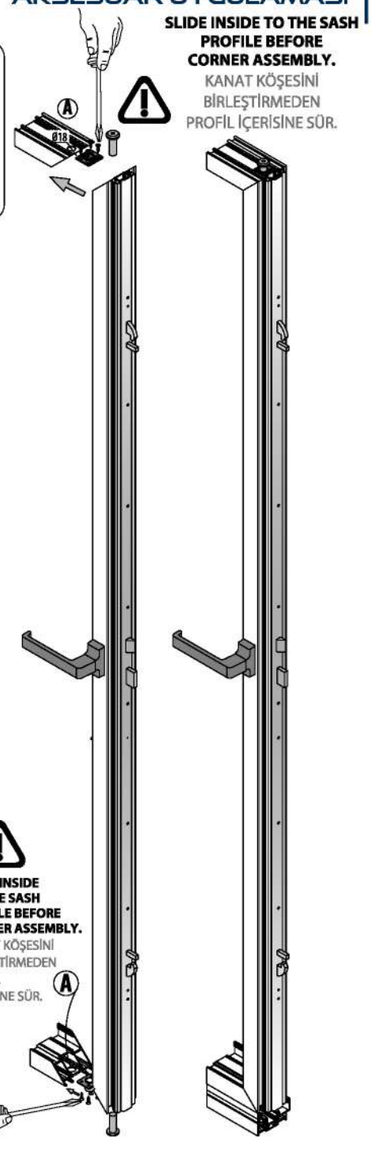
EM77BF-91 ROD GUIDE PLASTIC / GİJON KILAVUZ PLASTİĞİ

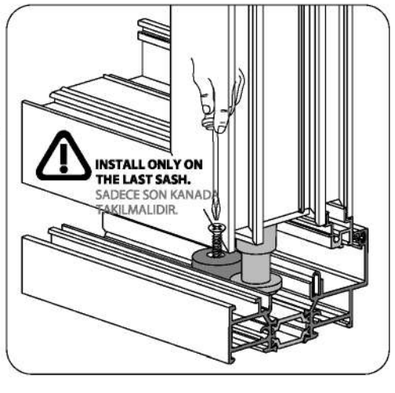
EM77BF-221 LOCK AND STIKER ADAPTER / KİLİT VE KARŞILIK ADAPTÖRÜ



A DETAIL / A DETAYI





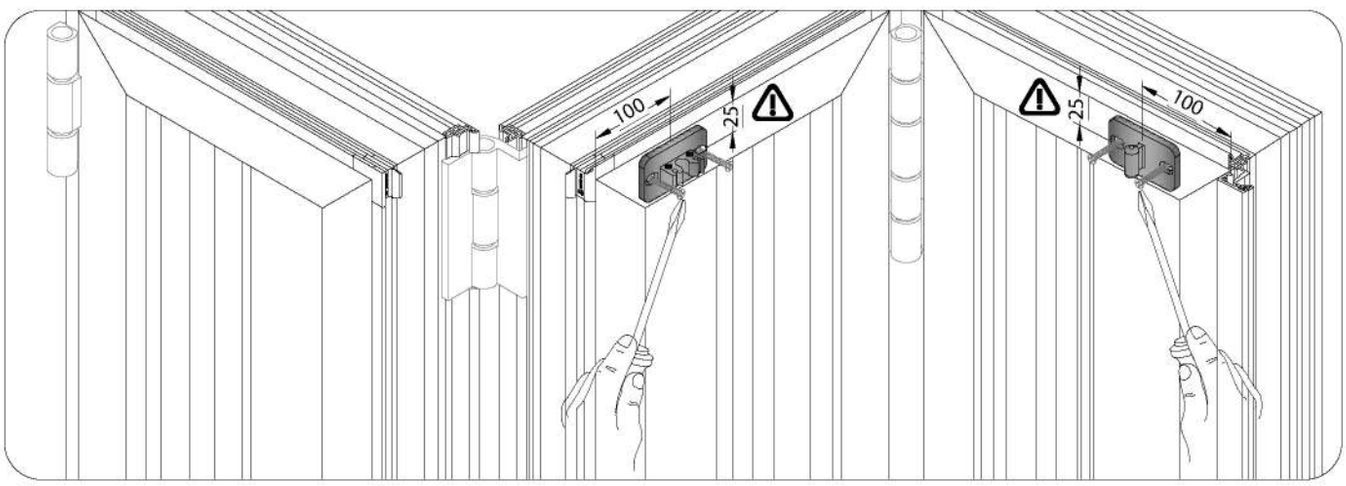


ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

AC77BF-431
SASH HOLDER
KANAT TUTUCU

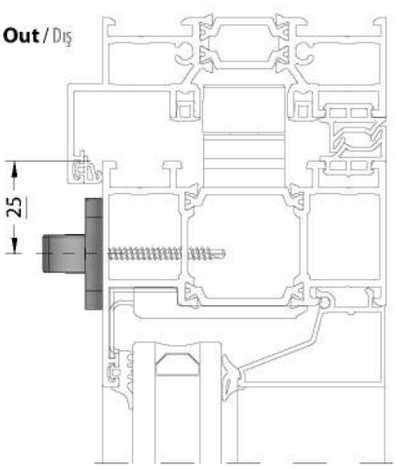


ONLY USE ODD NUMBERED SASHES.
SADECE TEK SAYILI KANATLARDA KULLANIN.
INSTALL ONLY ON THE LAST TWO SASHES.
SADECE SON İKİ KANADA TAKILMALIDIR.

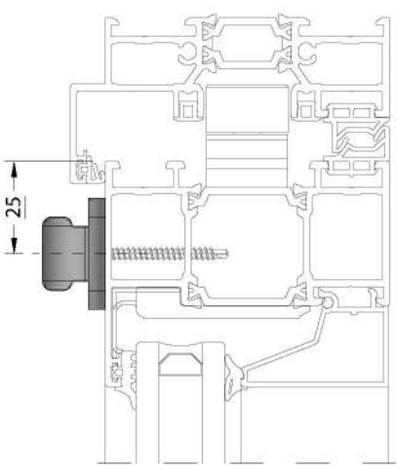


INWARD OPENING / İÇE AÇILIR

Out / Dış

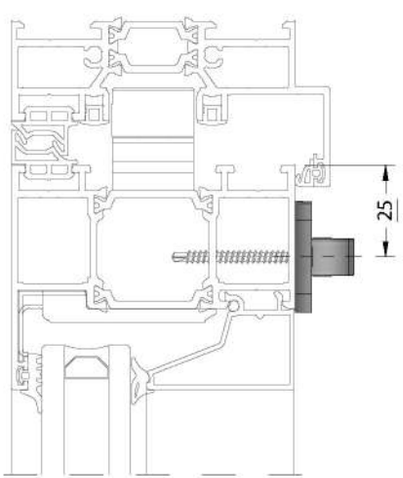


In / İç

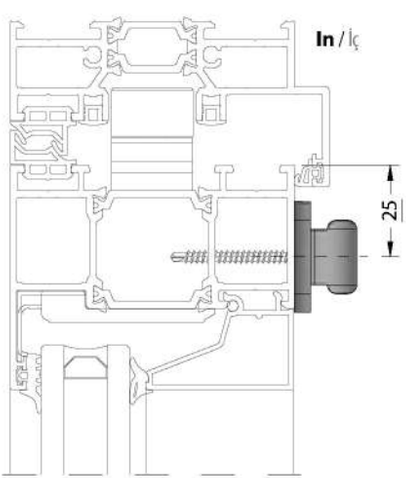


OUTWARD OPENING / DIŞA AÇILIR

Out / Dış



In / İç



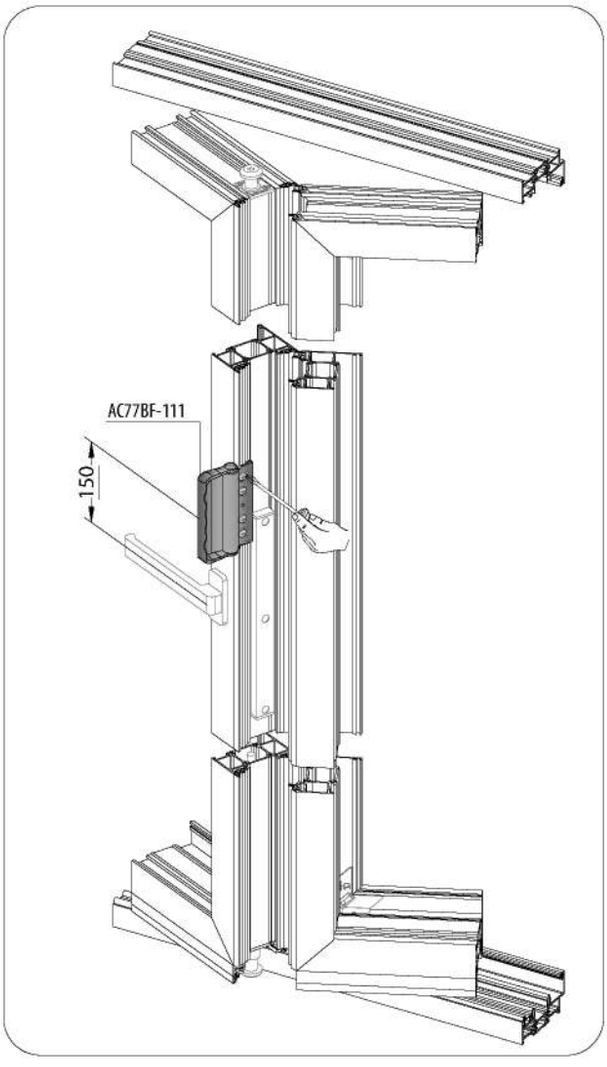
ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

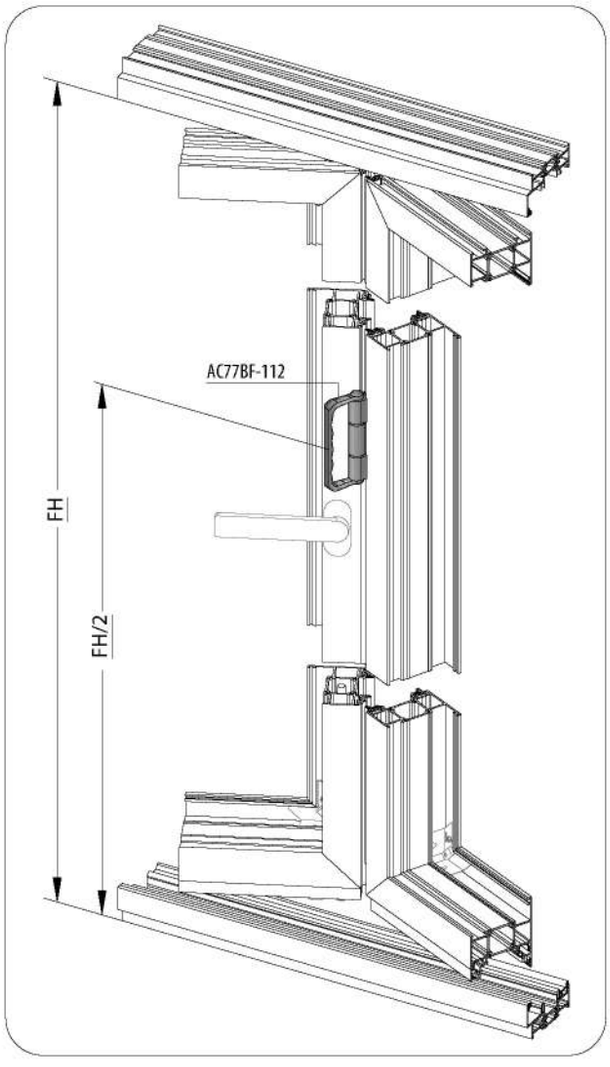
AC77BF-111
PULL HANDLE
ÇEKME KOL



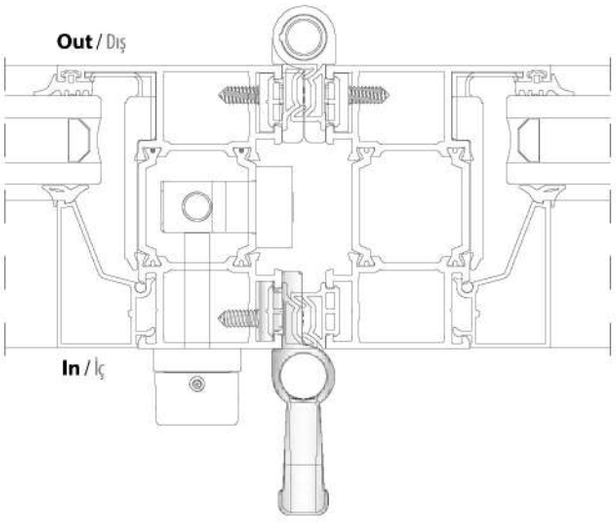
AC77BF-112
HINGE WITH THREADED PLATE
ÇEKME KOL



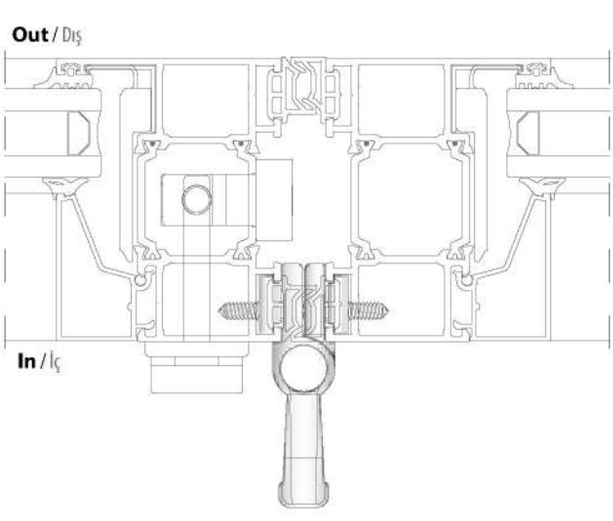




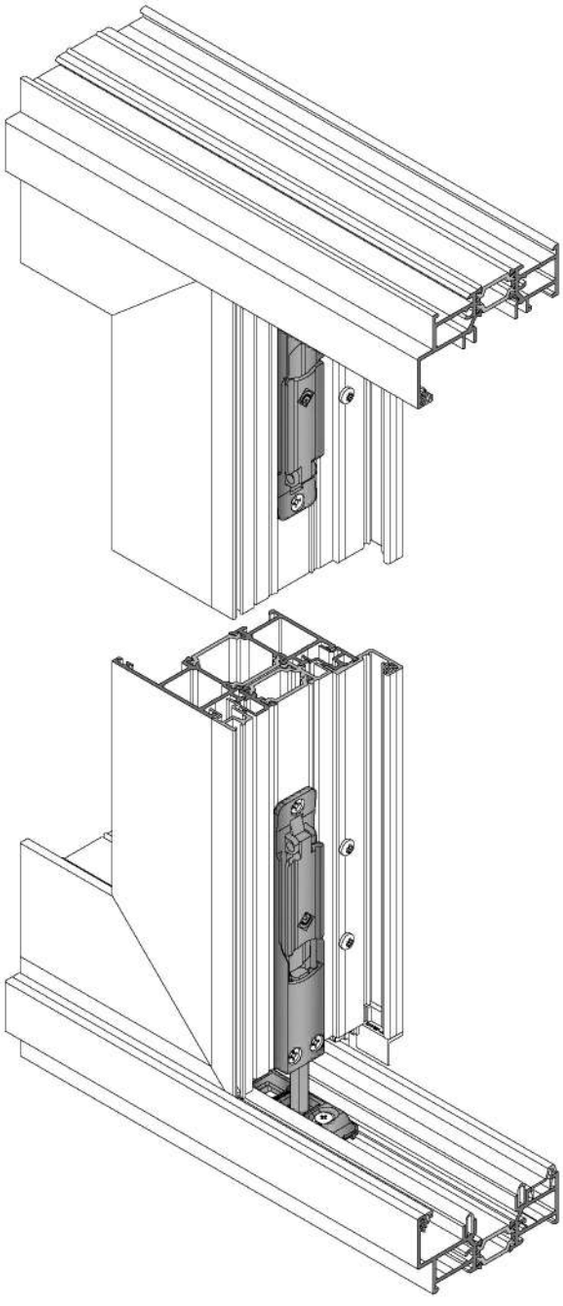
INWARD OPENING / İÇE AÇILIR



OUTWARD OPENING / DIŞA AÇILIR



ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

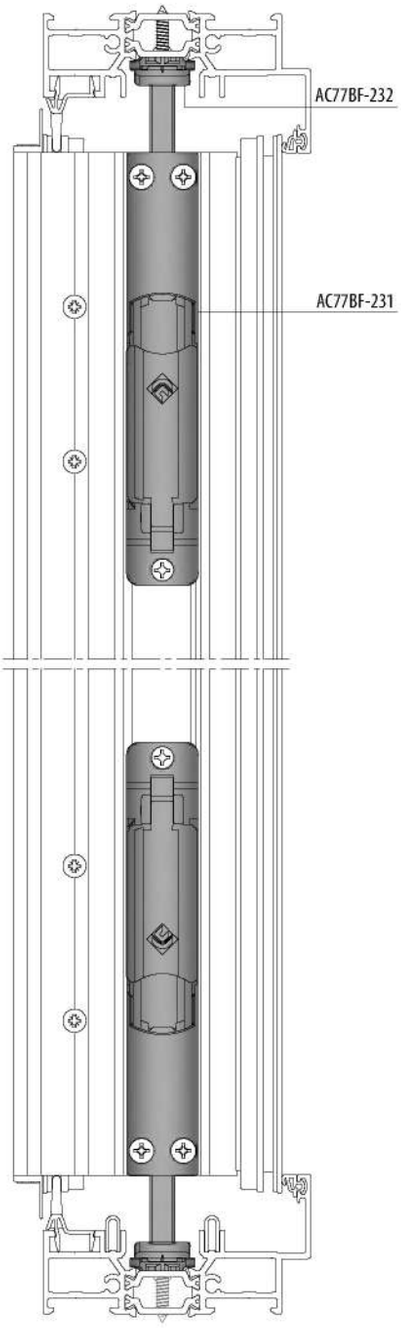


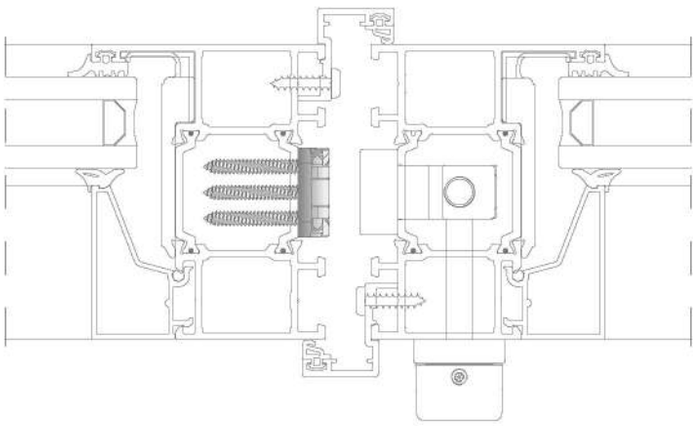
AC77BF-231
LEVER BOLT
FİŞEK SÜRGÜ



AC77BF-232
STRIKER
FİŞEK KARŞILIK







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