Sistem Al
ALÜMİNYUM



C-60
KAPI & VİTRİN SİSTEMLERİ

DOORS & SHOWCASE SYSTEMS

Alüminyumun Geleceğinde İmzamız Var!

Our Signature Shapes The Future of Aluminium!

AluTech®
System Series

C-60

KAPI & VİTRİN SİSTEMLERİ
DOORS & SHOWCASE SYSTEMS

KATALOGDA BULUNAN MARKA VE ÜRÜNLER, SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. BÜNYESİNDE OLUŞTURULMUŞ FİKİR ESERLERİ OLUP TÜRK PATENT ENSTİTÜSÜ TARAFINDAN TESCİLLENMİŞTİR. HİÇ BİR SURETLE İZİNSİZ ÜRETİLEMEZ VEYA ÇOĞALTILAMAZ.

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MİMARİ SİSTEM KATALOGLARI / ARCHITECTURAL SYSTEM CATALOGUES

CEPHE & IŞIKLIK SİSTEMLERİ / FACADE & SKYLIGHT SYSTEMS

F50 ENERGY **YÜKSEK YALITIMLI PERFORMANS CEPHE** HIGH INSULATED PERFORMANCE FACADE	**F50 Energy: Kondens Sistem Kapaklı Cephe /** Capped Curtain Wall System With Condensation Line **F50 Energy: Kondens Sistem Entegre Cephe /** Integrated Curtain Wall System With Condensation Line **F50 Energy: Kondens Sistem Yarı Kapaklı Cephe /** Semi-Capped Curtain System With Condensation Line
F50 CLASSIC **YALITIMLI KLASİK CEPHE** INSULATED CLASSIC FACADE	**F50 Classsic: Klasik Sistem Kapaklı Cephe /** Classic Capped Curtain Wall System **F50 Classic: Klasik Sistem Entegre Cephe /** Classic Integrated Curtain Wall System **F50 Classic: Klasik Sistem Yarı Kapaklı Cephe /** Classic Semi-Capped Curtain Wall System **F50 Classic: Klasik Sistem Kasetli Silikon Cephe /** Classic Silicone Curtain Wall System With Structural Cells
ÇELİK TAKVİYELİ CEPHE & IŞIKLIK SİSTEMLERİ / STEEL REINFORCED & SKYLIGHT SYSTEMS	**ÇT68: Çelik Takviyeli Cephe /** Steel Reinforced Curtain Wall **ÇT94: Çelik Takviyeli Cephe /** Steel Reinforced Curtain Wall **SKY50: Işıklık Sistemi /** Skylight System **SKY78: Işıklık Sistemi (Çelik Takviyeli) /** Skylight System (Steel Reinforced)

KAPI & PENCERE SİSTEMLERİ / DOOR & WINDOW SYSTEMS

W55 YALITIMLI&Y.SIZ PENCERE & KAPI / W55 INSULATED&UNINSULATED WINDOW & DOOR	**W1-W55-1,6T: Yalıtımlı P. ve K. /** Insulated W. and D. / **W2-W55-1,6: Y.sız P. ve K. /** Uninslated W. and D. **W3-W55-2T: Yalıtımlı P. ve K. /** Insulated W. and D. / **W4-W55-2: Y.sız P. ve K. /** Uninsulated W. and D.
W65 YALITIMLI PENCERE & KAPI / W65 INSULATED WINDOW & DOOR	**W5-W65-1,6T: Yalıtımlı Pencere ve Kapı /** Insulated Window and Door **W6-W65-2T: Yalıtımlı Pencere ve Kapı /** Insulated Window and Door
W75 YALITIMLI PENCERE & KAPI / W75 INSULATED WINDOW & DOOR	**W7-W75-1,6T: Yalıtımlı Pencere ve Kapı /** Insulated Window and Door **W8-W75-2T: Yalıtımlı Pencere ve Kapı /** Insulated Window and Door
WH70 YALITIMLI PENCERE & KAPI / WH70 INSULATED WINDOW & DOOR	**WH 70: Yalıtımlı Pencere ve Kapı Sistemi /** Insulated Window and Door System
WH85 YALITIMLI PENCERE & KAPI / WH85 INSULATED WINDOW & DOOR	**WH 85: Yüksek Yalıtımlı Pencere ve Kapı Sistemi /** High Insulated Window and Door System
BF85 KATLANIR KAPI SİSTEMİ / BF85 BI-FOLDING DOOR SYSTEM	**BF 85: Isı Yalıtımlı Katlanır Kapı Sistemi /** BF 85: Insulated Folding Door System

SÜRME SİSTEMLER / SLIDING SYSTEMS

S45 YALITIMLI & YALITIMSIZ SÜRME / S45 INSULATED & UNINSULATED SLIDING	**S1-S45-T: Yalıtımlı Sürme Kapı (Kaldır&Sür ve Klasik) /** Insulated Sliding Door (Lift&Slide and Classic) **S2-S45: Yalıtımsız Sürme Kapı (Kaldır&Sür ve Klasik) /** Uninsulated Sliding Door (Lift&Slide and Classic)
S65 YALITIMLI SÜRME / S65 INSULATED SLIDING	**S3-S65-T: Yalıtımlı Sürme Kapı (Kaldır&Sür) /** Insulated Sliding Door (Lift&Slide)
S32 YALITIMLI & YALITIMSIZ SÜRME / S32 INSULATED & UNINSULATED SLIDING	**S5-S32-T: Yalıtımlı & Yalıtımsız Klasik Hafif Sürme Kapı /** Insulated & Uninsulated Classic Light Sliding Door
S80 YALITIMLI SÜRME / S80 INSULATED SLIDING	**S80-Teona: Yüksek Yalıtımlı Performans Sürme Kapı /** High Insulated Performace Sliding Door **(ECOSLIDE)**

OFİS BÖLME SİSTEMLERİ / OFFICE PARTITION SYSTEMS

YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS	**OB1-120: Strukturel Ofis Bölme Sistemi /** Structural Office Partition System **OB2-105: Çeçeveli Ofis Bölme Sistemi /** Framed Office Partition System **OB3-83: Kapaklı Ofis Bölme Sistemi /** Capped Office Partition System **OB4-45: Cam Cama Ofis Bölme Sistemi /** Glass Office Partition System

CEPHE KAPLAMA / FACADE CLADDING

Kompozit Panel Taşıyıcı Sistemi / Composite Panel Carriage System
Terracotta Cephe Kaplama Sistemi / Terracotta Facade Cladding System
Seramik Cephe Kaplama Sistemi / Ceramic Facade Cladding System

TAMAMLAYICI MİMARİ SİSTEMLER / COMPLEMENTARY ARCHITECTURAL SYSTEMS

YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS	**G120 Giyotin Sistem /** G120 Guillotine System **Isı Camlı Cam Balkon Sistemi /** Double Glazing Balcony System **Kare Küpeşte ve Korkuluk Sistemleri /** Square Railing and Balustrade Systems **Menfez Sistemleri /** Louver Systems **Pervazlı Kapı Sistemleri /** Door Sill Systems **Güneş Kırıcı Sistem /** Sunbreaker System **C60 Yalıtımsız Doğrama Sistemleri /** C60 Uninsulated Hinged Systems

BU KATALOGDA BULUNAN MARKA VE ÜRÜNLER, SİSTEM ALUMİNYUM SAN.VE TİC.A.Ş. BÜNYESİNDE OLUŞTURULMUŞ FİKİR ESERLERİ OLUP, TÜRK PATENT ENSTİTÜSÜ TARAFINDAN TESCİLLENMİŞTİR. HİÇ BİR SURETLE İZİNSİZ ÜRETİLEMEZ, ÇOĞALTILAMAZ. AKSİ DURUMLARDA KANUNİ İŞLEM YAPILIR.
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BASIM TARİHİ / PUBLISH DATE : 2024

Sistem Al
ALÜMİNYUM



SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. 1994 yılında 1 adet 210 ton/ay 800 tonluk kapasitesiyle, İstanbul Merter'de 750 m^2'lik alanda alüminyum profil imalatına başlamıştır. Sistem bugün, Ergene-Tekirdağ'da, **75.000 m^2**si kapalı **300.00 m^2**lik bir alan üzerinde, modern bir anlayışla ve tam entegre şekilde inşaa edilmiş tesislerinde, 7 adet alüminyum ektrüzyon pres hattı ve 2 adet alüminyum kompozit panel hattı ile üretim faaliyetlerini sürdürmektedir. Alüminyum ekstrüzyon üretim kapasitesi yıllık **67.000 tona** ulaşmıştır. Sistem Alüminyum 2020 yılında yaptığı Alüminyum Dövme Pres yatırımıyla yeni bir ürün alanına da adım atmıştır. Yine 2020 yılında doğalgaz kojenarasyon santrali yatırımı tamamlanmış olup, Sistem Alüminyum tesislerinin ihtiyacı olan elektrik enerjisinin büyük bölümü buradan sağlanacaktır.

Tesislerimiz: Kalıphanemizde **20.000** ürünü aşkın bir kalıp arşivimiz bulunmaktadır. Yıllık kapasitesi **10.000 ton** olan Elektrostatik Toz Boya Tesisimizde standart RAL renklerinin yanı sıra müşterimizin özel renk talepleri de karşılanmaktadır. Modern cihazlarla yenilenen boyahane ünitemizle 8000 mm boya sahip profiller boyanabilmektedir. 2006 yılında faaliyete başlayan Eloksal Tesisimiz için 2020 yılında yapılan ilave yatırımlarla son teknolojiye ulaşılmıştır. Müşteri özel renklerinin de çalışıldığı eloksal bölümümüzün yıllık kapasitesi **24.000 tona** ulaşmıştır. Alternatif yüzey kaplaması yapmak üzere 2010 yılında faaliyete geçirdiğimiz Ahşap Transfer Kaplama bölümümüzde özel renk ve desen çalışmaları yapılabilmektedir. 2010 yılında kurulan Mekanik İşlem Merkezimizle müşterilerimizden gelen talepler doğrultusunda profil yüzeyine delme, havşalı delme, boşaltma, CNC işlemleri, hassas kesim, açılı kesim, punch ile delme, matkapla delme, fitil v.b. işlemleri uygulanabilmektedir.

Üretim kapasitesinin büyük bölümünü ihracata ayıran şirketimiz yurt içinde de aynı kalitede hizmet vermektedir. Bu amaçla tümüyle kendi imkân, teknoloji ve **AR-GE** çalışmaları neticesinde; giydirme cephe sistemlerini, yalıtımlı-yalıtımsız doğrama, sürme, ışıklık, çelik takviyeli cephe, kompoze ve taş kaplama alt taşıyıcı sistemlerini **ALUTECH SYSTEM SERIES** markası altında piyasaya sürmüştür. Sektöre sunulan sistemler her aşamada mühendislik testlerinde geçirilmiş ve Avrupa (EN) normlarında tüm aksesuarlarla uyumu sağlanmıştır. Şirketimiz, misyonu gereği müşteri memnuniyetini baz aldığından; gerek optimum çözümler sunan profil dizaynlarımızla, gerek montaj kolaylığı sağlayan detaylarımızla gerekse malzeme kalite ve tedarik hızımızla ayrıcalıklı hizmet vermeyi ilke kabul etmiştir. Ayrıca farklı tasarım ve uygulamalara cevap verebilecek şekilde, cephelerin vazgeçilmez bir unsuru olan Alüminyum Kompozit Paneller, **ALUTECHBOND** markamız altında, **A2, FR** ve **B2** tiplerde üretilmektedir. Kompozit panel hatlarımızda; dış cephe ve iç cephe uygulamaları için metalik renkli, mat renkli ve desenli renk seçeneklerinde ve istenilen ölçülerde özel panel üretimi yapılabilmektedir. Yıllık **4.200.000 m^2** kapasitesi olan iki üretim hattımız ile projelerinize optimum çözüm sunmaya hazırız.

Alüminyum profil sektöründe sürekli gelişmeyi ve kalıcı olmayı hedefleyen firmamız kalite sistem çalışmalarıyla da bu amaca ulaşmada hızlı adımlarla ilerlemektedir. **CE, TSE,** statik toz boya uygulamaları için **Qualicoat,** eloksal uygulamaları için **Qualinoad** belgelerine sahip olan firmamız ayrıca; **IATF 16949, ISO 9001, ISO 14001, ISO 45001, ISO 50001** ve **ISO 27001** sistem belgelerine de sahiptir. Ayrıca Sistem Alüminyum, kendisinden temin ettiğiniz malzemeler içinde **REACH** ve **ROHS** kısıtlamasında bulunan kimyasalların (ağır metaller) yasal sınırlar içinde bulunduğunu teyit etmektedir.

Alanında bir ihracat lideri olan Sistem Alüminyum, 2018 ve 2019 ihracat satışı rakamlarıyla, İstanbul Demir ve Demir Dışı Metaller İhracatçıları Birliği (İDDMİB) tarafından, **"Alüminyum Çubuk ve Profiller"** kategorisinde üst üste iki yıl **"İhracatın Metalik Yıldızı, Birincilik Ödülü"** ile onurlandırılmıştır.

Tüm ürünlerimiz için müşterilerimize her türlü mühendislik ve mimari uyum konusunda teknik hizmet vermekten onur duyarız. Yeni ürünlerimiz ve hizmetlerimizle hizmetinizdeyiz.

Saygılarımızla,

SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. has started to produce aluminum profiles in 1994. Sistem Alüminyum is an integrated facility that starts from mold production and includes extrusion production, electrostatic powder paint, wood coating, anodizing, mechanical processing, composite panel manufacturing and final applications. Today, the company continues its production activities with 7 aluminum extrusion press lines and 2 aluminum composite panel lines in its facilities established on an area of **75000 m²** in Ergene-Tekirdağ. The aluminum extrusion facility has annual production capacity to **67.000 tons.**

Our company allocates a large part of its production capacity for exportation and also serves with the same quality in domestic markets. With this purpose, it has released curtain wall systems, isolated-nonisolated frames, sliding, skylight, steel reinforced facade, composite and stone faced sub-carrier systems, under the brand of **ALUTECH SYSTEM SERIES,** as a result of entirely their own efforts, technology and **R & D** activities. Systems presented to the industry have been tested with engineering tests at every stage and compliance with all accessories in European (EN) standards is provided. Our company, which is based on customer satisfaction as of the nature of its mission; adopted the principle of providing exceptional service with the profile designs that provide optimum solutions, with ease of installation with our details and with quality of materials and supply speed.

Facilities: Our die house department supports our current production with CNC processing centers, modern branches and qualified staff. Die production for special customer's profiles is also executed here with modern equipment. We have a huge die archive of more than **20.000** pieces in our diehouse. In our Electrostatic Powder Coating Plant with an annual capacity of **10,000 tons,** besides the standard RAL colors, the special color demands of our customers are also met. Profiles with a length of 8000 mm can be coated in our new paint shop unit commissioned in Ereğli Facility. With the additional investments made in our Anodizing Facility, which was commissioned in 2006, has the latest technology in Turkish aluminum sector. The annual capacity of our anodizing department, where customer-specific colors are also studied, has reached **24,000 tons.** Special color and pattern studies can be carried out in our Wooden Transfer Coating department, which we launched in 2010 to make alternative surface coating. With our Mechanical Processing Center which is established in 2010, in line with the demands of our customers, drilling on the profile surface, countersunk drilling, unloading,blanking, CNC operations, precision cutting, angle cutting, punching, drilling, roving, etc. operations can be applied.

Aluminum Composite Panel is an irreplaceable part of facades, as it can respond to different designs and applications, is produced in our facility. For exterior and interior applications, different composite panels with the options of metallic color, matte color, and patterned colors are available and panels can be produced in the required measurements. With two production lines that have an annual capacity of **4.2 million m²**. Aluminum Composite Panels are produced under **ALUTECHBOND** brand in **A2, FR** and **B2** types. We are ready to offer the optimum solutions for your indoor and outdoor façade projects.

Our company, which aims to develop and be permanent in the aluminum profile sector, is taking fast steps to achieve this goal with its quality system studies. Our company has **CE, TSE, Qualicoat** for static powder paint applications, **Qualinoad** for anodizing applications. Sistem also has **IATF 16949, ISO 9001, ISO 14001, ISO 45001, ISO 50001** and **ISO 27001** system certificates. In addition, Sistem Alüminyum confirms that the chemicals (heavy metals) that are under **REACH** and **ROHS** restrictions are within legal limits.

Sistem Alüminyum has also stepped into a new product area with the Aluminum Forging Press investment made in 2020. In this year, the natural gas cogeneration plant investment was completed, and most of the electrical energy needed by Sistem Alüminyum facilities will be supplied from here.

Sistem Alüminyum is an award-winning export leader: We have **"Metallic Star of Export, First Prize Award"** for two consecutive years, in the category of **"Aluminum Rods and Profiles"** by the Istanbul Ferrous and Non-Ferrous Metals Exporters Association / IDDMIB (with the 2018 and 2019 export sales figures).

We are honored to provide technical services to our customers for all kinds of engineering and architectural harmony for all our products. We are at your service with our new products and services.

Best Regards.

İÇİNDEKİLER / INDEX

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Katalogdaki profil ağırlıkları teoriktir. Teslimat öncesi ölçülen değerler geçerlidir.
Profile weights at the catalogue are theoretical, pre-shipment values will be valid.

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MALZEME TEKNİK ÖZELLİKLERİ / TECHNICAL PROPERTIES OF MATERIALS

Alüminyum profil üretim tesisimiz **ISO 9001 , ISO 14001 , OHSAS 18001** ve **ISO/IEC 27001** kalite güvence belgelerine sahiptir.

1-Profil Hammaddesi *(Raw Material)* : AA 6063 (AlMgSi 0.5 F22) , **EN 573-3**

2-Mekanik Özellikler *(Mechanical Properties)* : **EN 755-2**
Yoğunluk *(Density)* : 2.71 g/cm³
Elastisite Modülü *(Elasticity Modul)* : 7000 kN/cm²
Kopma Mukavemeti *(Yield Strenght)* : 215 N/mm²
Akma Mukavemeti *(Flow Strenght)* : 160 N/mm²
Uzama *(Elongation)* : minimum 6 %
Sertlik *(Hardness)* : 70 HRB

3-Bariyer Hammaddesi
a-PA 66 GF 25 (25 % cam elyaf takviyeli polyamid) *(25 % the manufactured from glass stiffened polyamid)*:
Eloksal ve toz boya işleminden **önce** yerleştirilir. *(Placed into the aluminium profiles **before** anodic oxidation and powder coating.)*
b- PVC :
Eloksal ve toz boya işleminden **sonra** yerleştirilir. *(Placed into the aluminium profiles **after** anodic oxidation and powder coating.)*
PVC bariyerler, Polyamid bariyerlere göre 10 % daha ağırdır. *(PVC insulation bars are 10 % heavier than Polyamid insulation bars .)*

4-Eloksal *(Anodic Oxidation)*
Eloksallı Ürünlere İlişkin Teknik Resim Standardı : **DIN 17611 , EN 12371-1 (QUALANOD)**
(The Standarts of Technical Delivery Terms Regarding Eloxal Products)
Eloksal Tabakasının Kalınlığı *(Thickness of Eloxal Coating)*: 10-15 mikron, **EN ISO 2360**
Daldırma ve Renklendirme Standardı *(The Standarts of Immersion Coloring)* : **DIN 50018**
Tesbit İşlemi Standardı *(Sealing Standarts)* : **EN 12373-5 , ISO 3210 (TS 2676)**

5-Toz Boya Standartları *(The Standarts of Powder Coating)*
Kalınlık *(Thickness)* : min. 60 mikron
Adhezyon *(Adhesion)* : **EN ISO 2409**
Esneklik *(Elasticity)* : **EN ISO 1519**
Deformasyon *(Deformation)* : **EN ISO 6272-1**
Sertlik *(Hardness)* : **EN ISO 2815**

6-Yüzey Görünümü *(Surface Appearance)* : Gözle yapılacak kontrolde,yüzey üzerinde kaplanmış alan,çizik,pütürlük,kabarıklık,leke,soyulma vb. hatalar görülmemelidir. *(By visual observation,there has been no defects seen on the surface,such as stratches cramped shapes,swellings,stain etc. on the exposed areas.)*

7-Tüm Fitiller *(All gaskets)*
Hammadde *(Raw material)* : EPDM
Derz fitilleri hammaddesi *(Raw material of Gaskets for suture)* : Silikon *(Silicone)*
Ölçü Toleransları Standardı *(Measurement Tolerances Standarts)* : **DIN ISO 3302-1/E2**
Kalite Kontrol Standardı *(Quality Control Standart)* : **RAL-GZ 716**

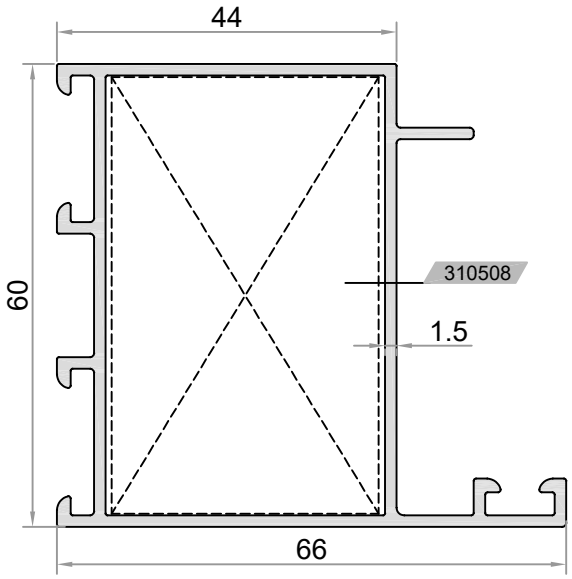
8-Profil Tasarım ve Üretimindeki Ölçü Toleransları Standartları : **EN 12020-2**
(Measurement Tolerances Standarts for Profile Design and Manufacturing)

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PROFİLLER
PROFILES

- **KATALOGDA BELİRTİLEN TÜM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARİYERİ ÇEŞİDİNE VEYA PROFİL YÜZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR.**
  WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING TO THE INSULATION BAR TYPE OR THICKNESSES OF THE PAINT ON THE PROFILE SURFACE, THERE COULD BE WEIGHT DIFFERENCES.

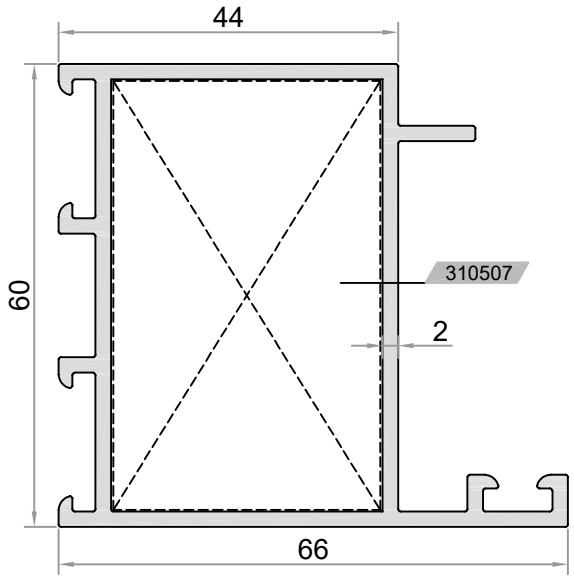
- **SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.**
  SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.



2536

Jx (cm⁴)	Jy (cm⁴)
23,20	14,28

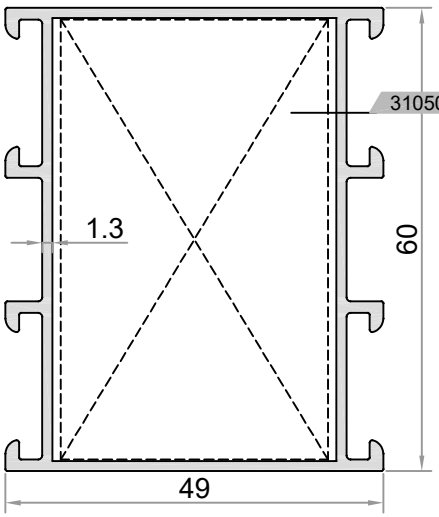
AĞIRLIK / WEIGHT (KG/M.)
1,088



1681

Jx (cm⁴)	Jy (cm⁴)
29,46	18,06

AĞIRLIK / WEIGHT (KG/M.)
1,409

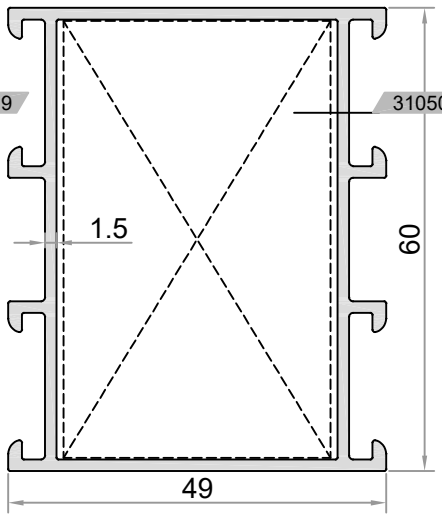


15255

Jx (cm⁴)	Jy (cm⁴)
16,94	11,28

AĞIRLIK / WEIGHT (KG/M.)
0,923

DİKEY BAĞLANTILAR
TRANSOM CONNECTIONS
310341

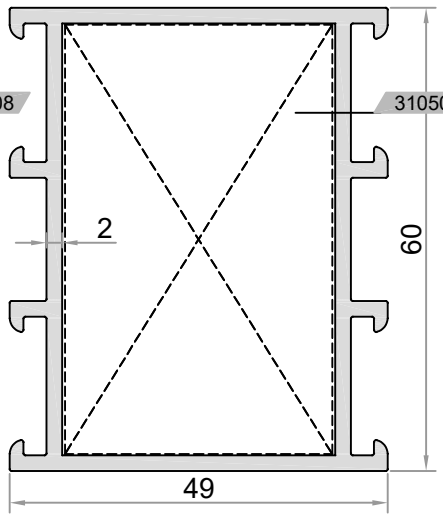


2537

Jx (cm⁴)	Jy (cm⁴)
18,77	12,21

AĞIRLIK / WEIGHT (KG/M.)
1,024

DİKEY BAĞLANTILAR
TRANSOM CONNECTIONS
310341



1682

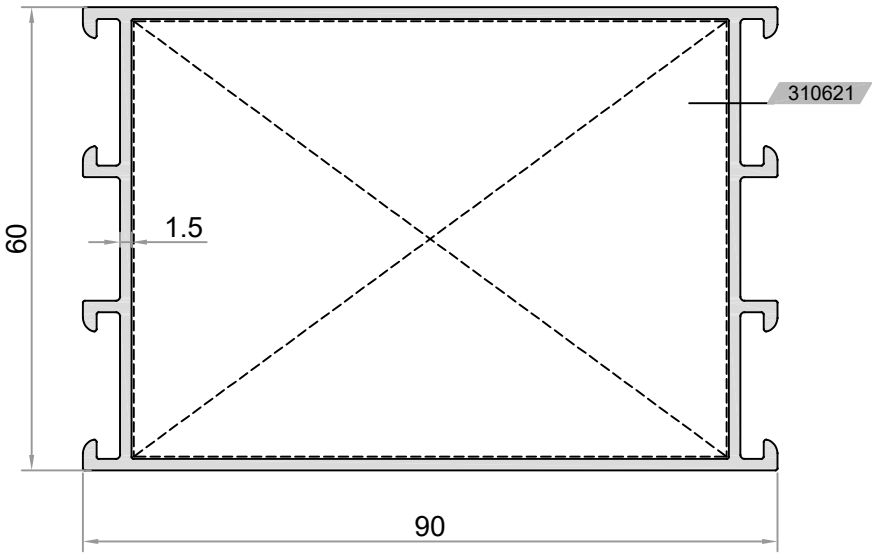
Jx (cm⁴)	Jy (cm⁴)
23,65	14,93

AĞIRLIK / WEIGHT (KG/M.)
1,306

DİKEY BAĞLANTILAR
TRANSOM CONNECTIONS
310340

Katalogdaki profil ağırlıkları teoriktir. Teslimat öncesi ölçülen değerler geçerlidir.
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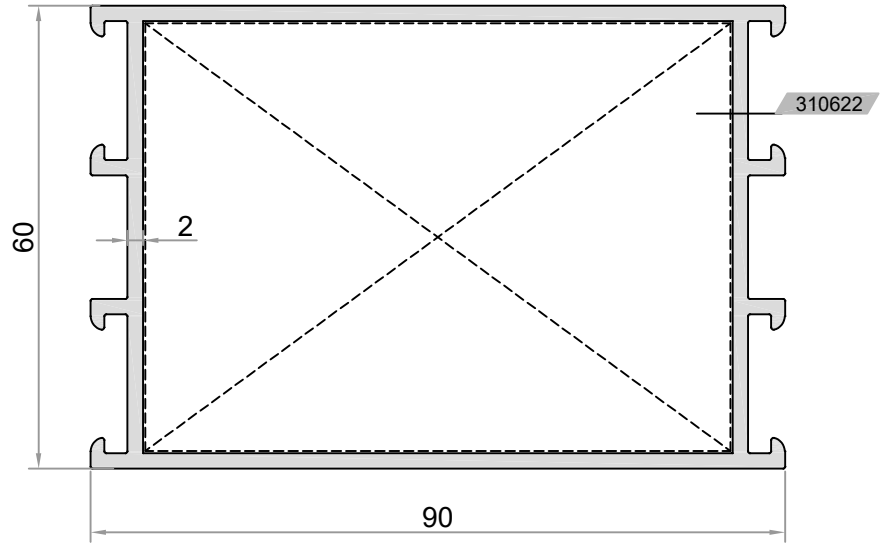


24101

DİKEY BAĞLANTILAR
TRANSOM CONNECTIONS
310623

Jx (cm⁴)	x / y	Jy (cm⁴)
56,10		29,30

AĞIRLIK / WEIGHT (KG/M.)
1,357



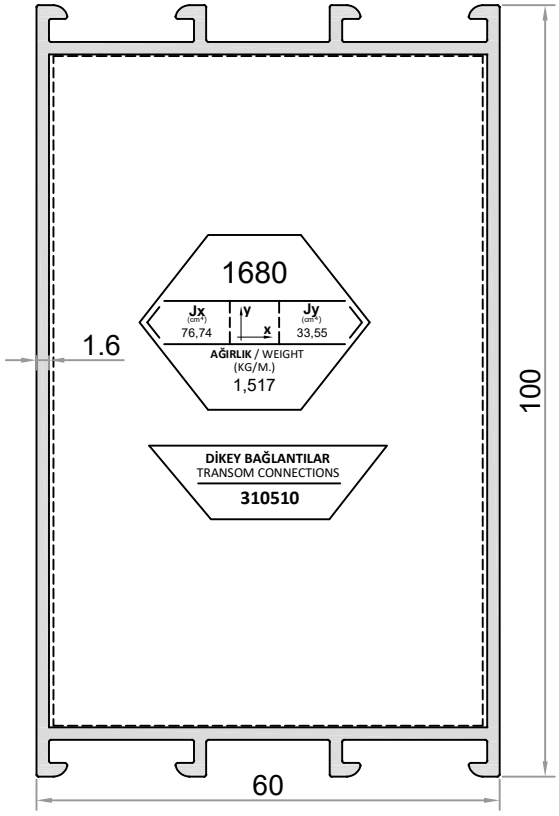
24102

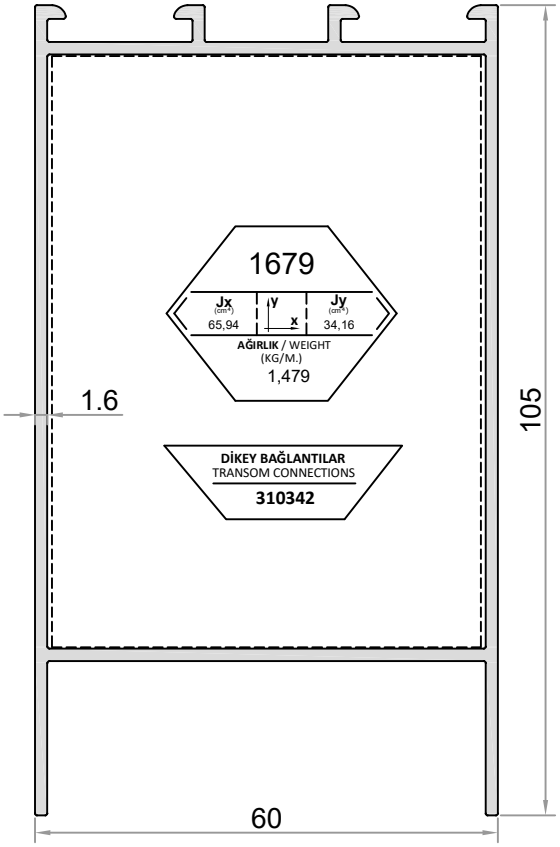
DİKEY BAĞLANTILAR
TRANSOM CONNECTIONS
310624

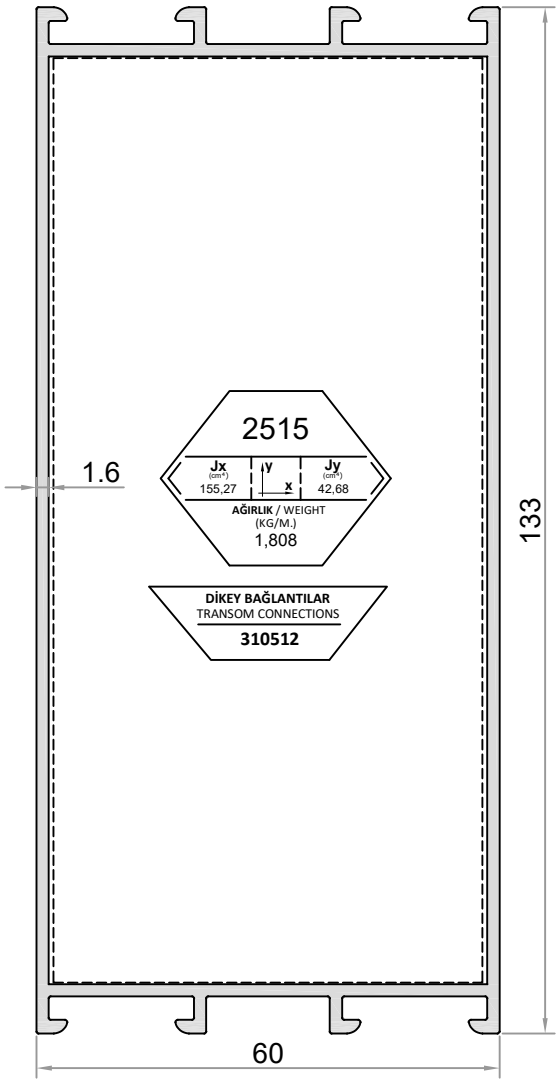
Jx (cm⁴)	x / y	Jy (cm⁴)
70,23		37,44

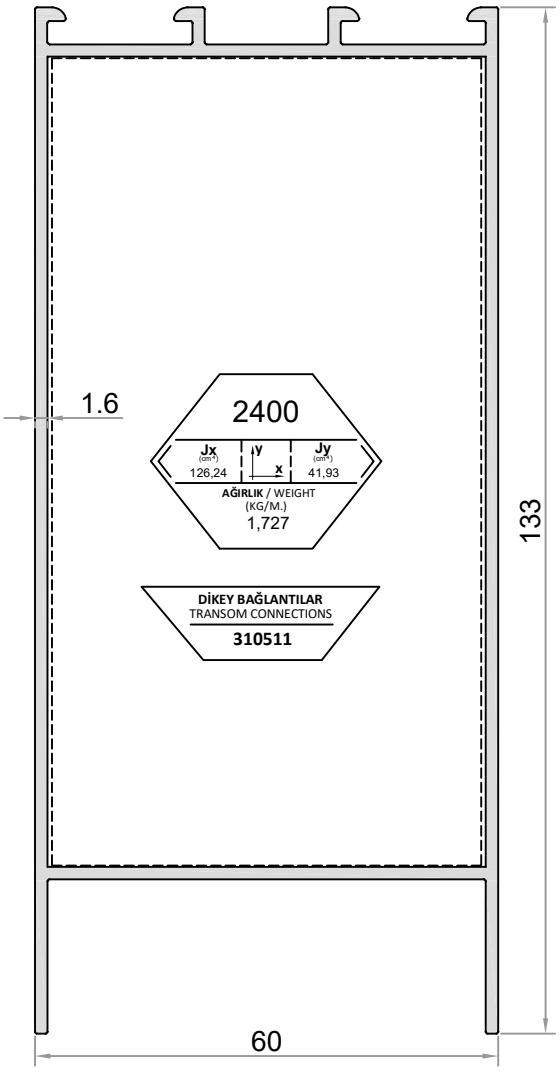
AĞIRLIK / WEIGHT (KG/M.)
1,750

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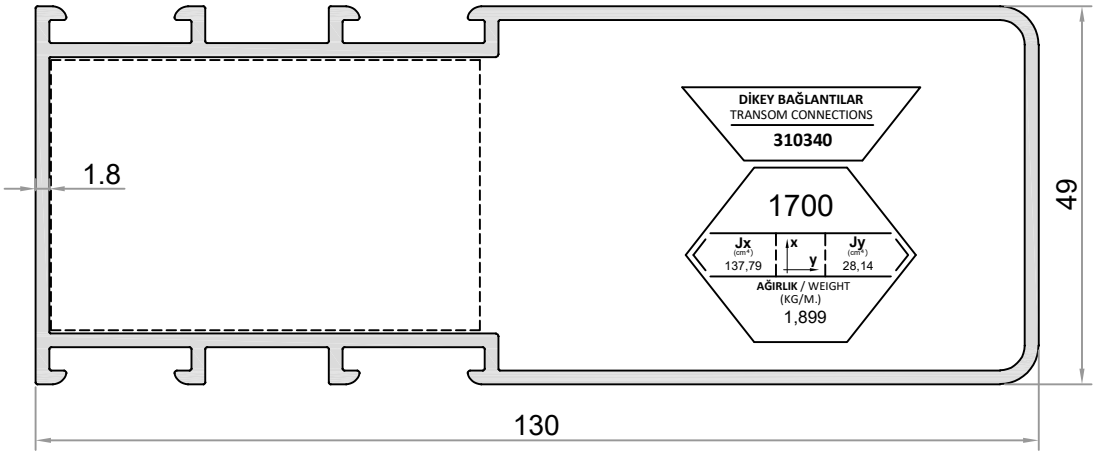


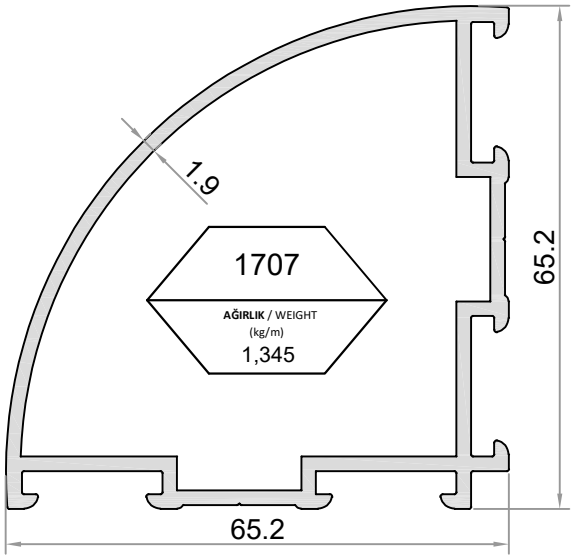


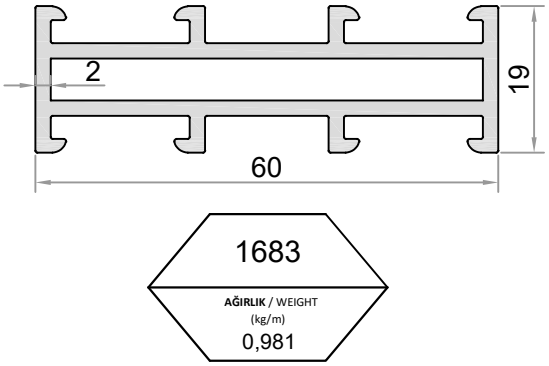


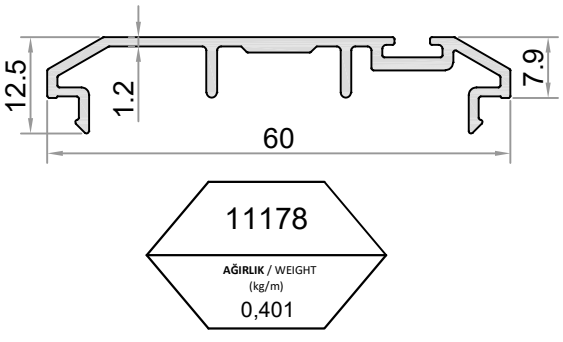
Katalogdaki profil ağırlıkları teoriktir. Teslimat öncesi ölçülen değerler geçerlidir.
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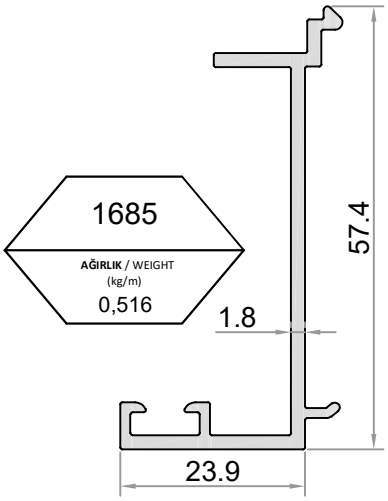
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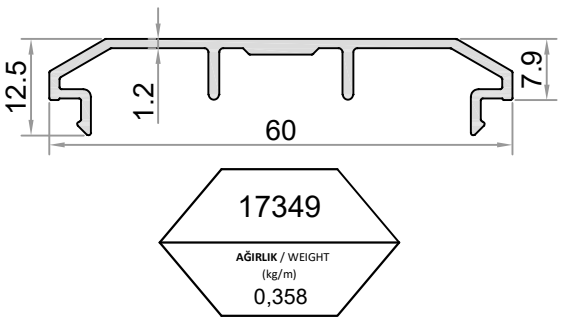




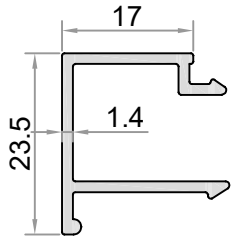






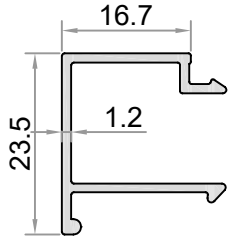


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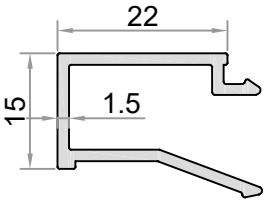
1686

AĞIRLIK / WEIGHT
(kg/m)
0,265



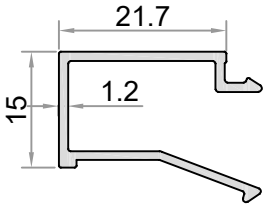
14896

AĞIRLIK / WEIGHT
(kg/m)
0,226



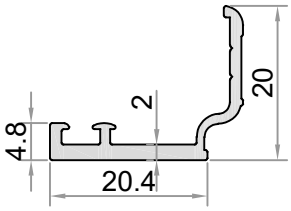
1687

AĞIRLIK / WEIGHT
(kg/m)
0,285



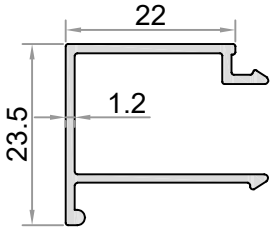
14895

AĞIRLIK / WEIGHT
(kg/m)
0,228



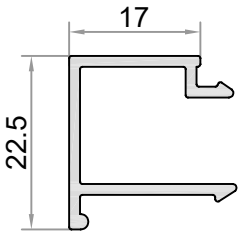
1688

AĞIRLIK / WEIGHT
(kg/m)
0,214



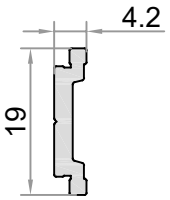
17350

AĞIRLIK / WEIGHT
(kg/m)
0,256



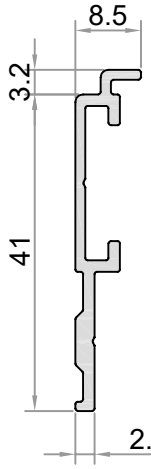
24106

AĞIRLIK / WEIGHT
(kg/m)
0,261



W1-508

AĞIRLIK / WEIGHT
(kg/m)
0,134



24104

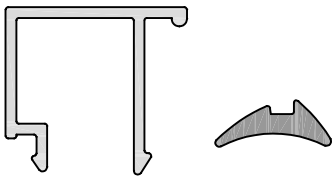
AĞIRLIK / WEIGHT
(kg/m)
0,256

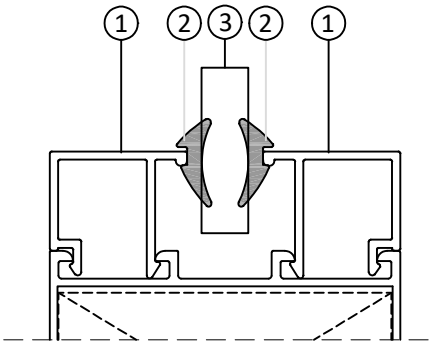
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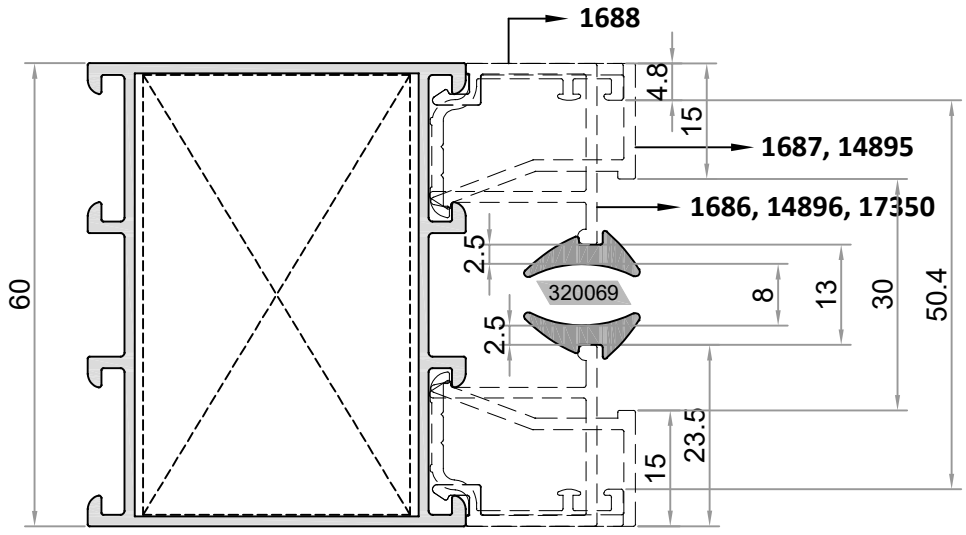
CAM ÇITASI & FİTİL SEÇİM TABLOSU / SELECTION TABLE FOR GLAZING BEADS

FİTİL VE CAM ÇITASI KOMBİNSYONLARI
COMBINATIONS OF GASKET AND GLAZING BEAD

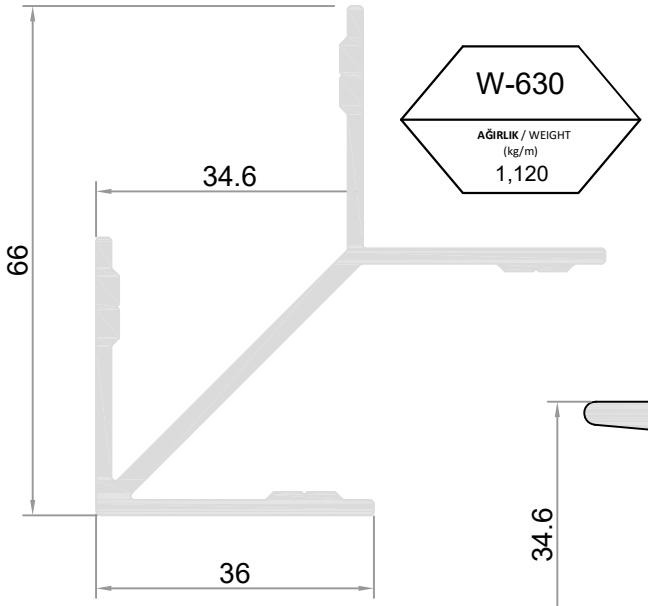


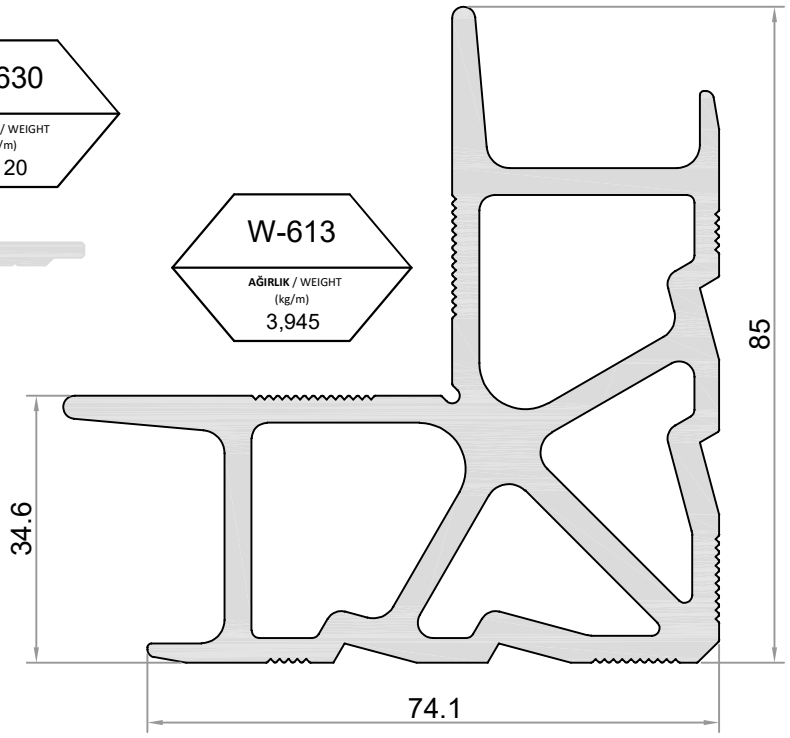


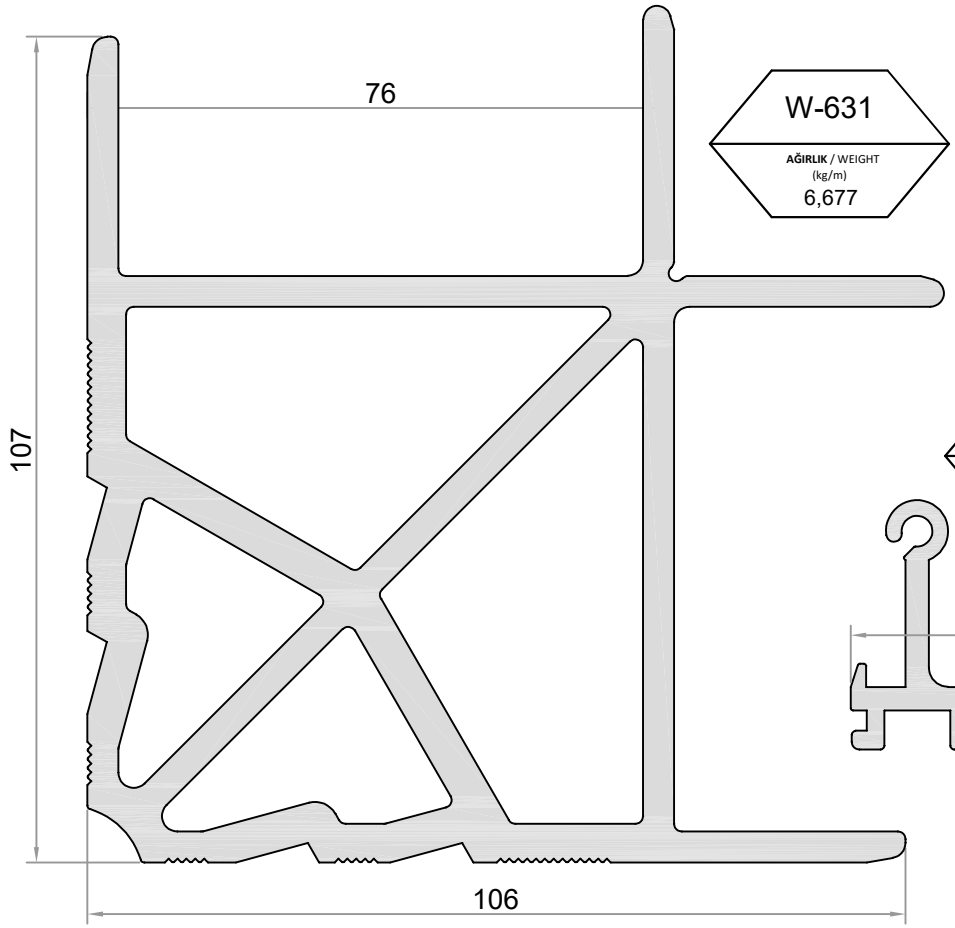
1	2	3
CAM ÇITALARI GLAZING BEADS	**DIŞ CAM - İÇ CAM FİTİLİ** OUTER - INNER GASKET	**CAM KALINLIĞI** GLASS THICKNESS
1686, 14896, 17350	**320069**	**8 mm**
24106	**320069**	**10 mm**
1687, 14895	**320133**	**12 mm**
1687, 14895	**320132**	**14 mm**
1687, 14895	**320131**	**16 mm**
1687, 14895	**320130**	**18 mm**
1687, 14895	**320129**	**20 mm**
1687, 14895	**320128**	**22 mm**
1687, 14895	**320069**	**24 mm**

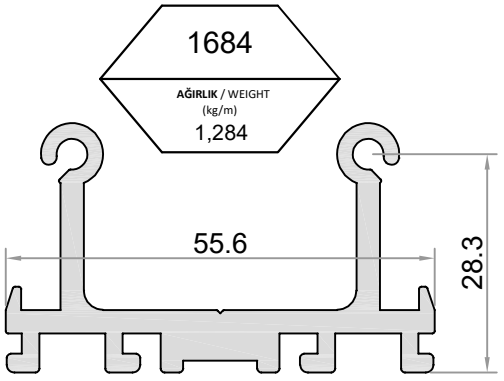


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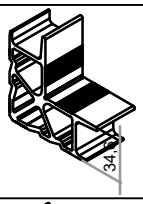
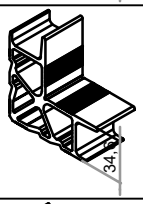
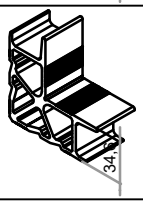
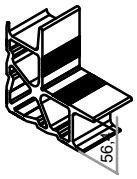
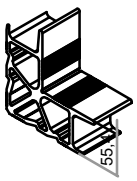
Not: Köşe bağlantıları ve dikey bağlantılar kesilmiş adet olarak satılmaktadır.

Note: Corner connection profiles and vertical connection profiles are sold in cut pieces.

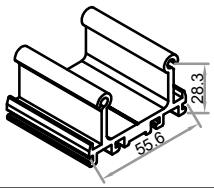
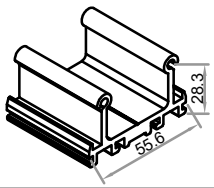
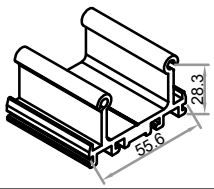
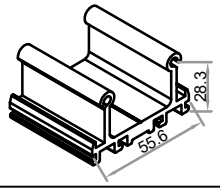
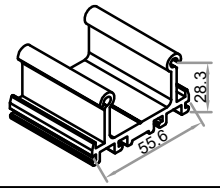
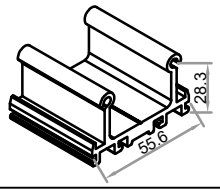
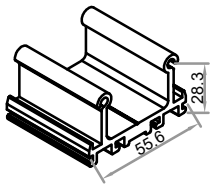
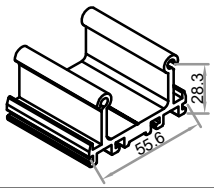
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KÖŞE TAKOZU AKSESUARLARI
CORNER CLEAT ACCESSORIES

AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310507 ***Pr. No: W-613*** *3,945 kg/m.*		**55,6 mm** (239,1 Gr/Ad.)
310508 ***Pr. No: W-613*** *3,945kg/m.*		**56,6 mm** (243 Gr/Ad.)
310509 ***Pr. No: W-613*** *3,945 kg/m.*		**57 mm** (244,6 Gr/Ad.)
310621 ***Pr. No: W-631*** *6,677 kg/m.*		**56,4 mm** (375,2 Gr/Ad.)
310622 ***Pr. No: W-631*** *6,677 kg/m.*		**55,4 mm** (368,6 Gr/Ad.)

U BAĞLANTI AKSESUARLARI
U CONNECTION ACCESSORIES

AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310340 ***Pr. No: 1684*** *1,284 kg/m.*		**35 mm** (51,4 Gr/Ad.)
310341 ***Pr. No: 1684*** *1,284 kg/m.*		**36 mm** (52,6 Gr/Ad.)
310342 ***Pr. No: 1684*** *1,284 kg/m.*		**76,6 mm** (104,8 Gr/Ad.)
310510 ***Pr. No: 1684*** *1,284 kg/m.*		**86,8 mm** (117,9 Gr/Ad.)
310511 ***Pr. No: 1684*** *1,284 kg/m.*		**104,6 mm** (140,7 Gr/Ad.)
310512 ***Pr. No: 1684*** *1,284 kg/m.*		**119,8 mm** (160,2 Gr/Ad.)
310623 ***Pr. No: 1684*** *1,284 kg/m.*		**76,8 mm** (160,2 Gr/Ad.)
310624 ***Pr. No: 1684*** *1,284 kg/m.*		**75,8 mm** (160,2 Gr/Ad.)

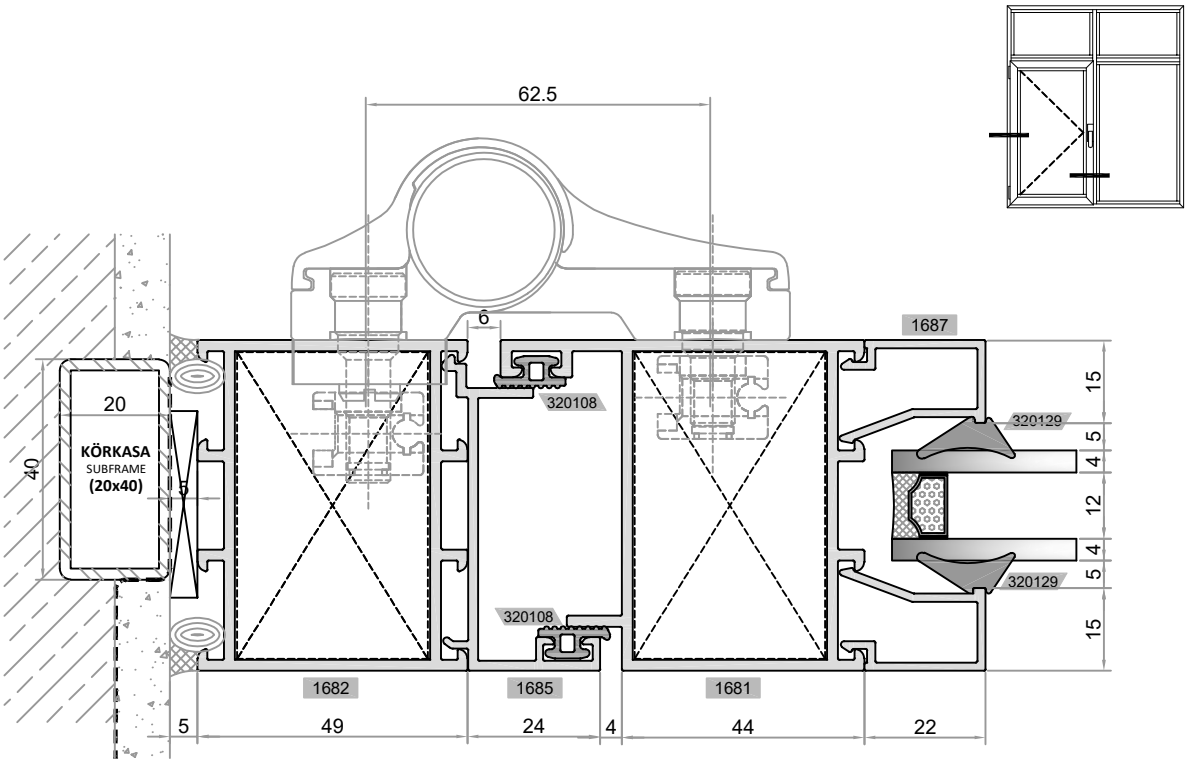
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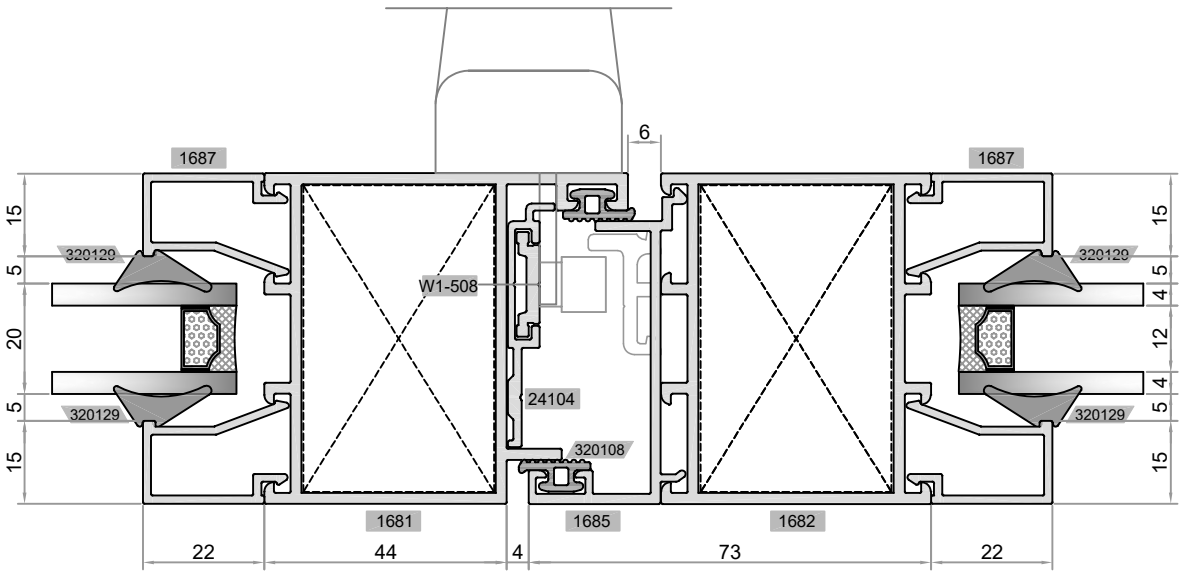
DETAYLAR
DETAILS

TARAMA STİLLERİ / HATCH STYLES

- EPDM FİTİL / EPDM GASKET
- STRÜKTÜREL SİLİKON / STRUCTURAL SILICONE
- MESAFE BELİRLEYİCİ / SPACE ADJUSTER
- ALÜMİNYUM PROFİL / ALUMINIUM PROFILE
- PROFİL PARÇA (AI) / PIECE OF PROFILE (AI)
- ISI BARİYERİ / INSULATION BAR
- PVC PROFİL / PVC PROFILE
- ÇELİK PROFİL / STEEL PROFILE
- SU YALITIM MEMBRANI / WATERPROOFING MEMBRANE
- POLİETİLEN CONTA / POLYETHYLENE GASKET
- TAŞYÜNÜ / ROCKWOOL
- CAM / GLASS

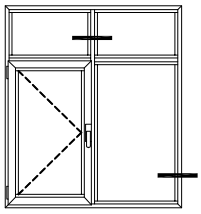
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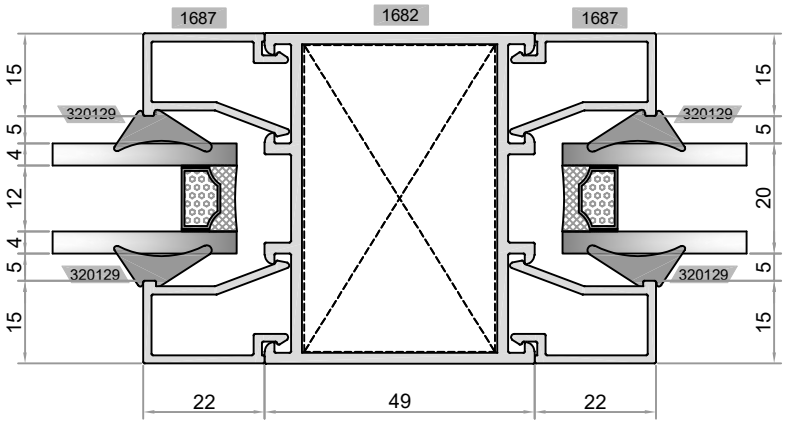


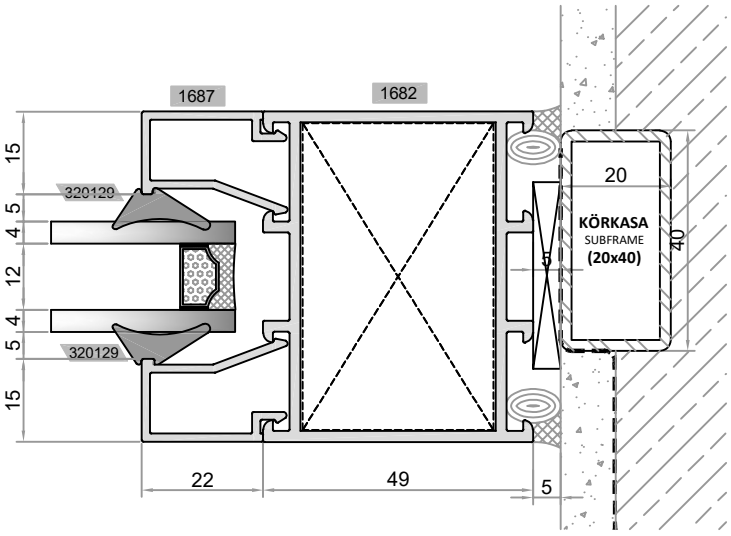


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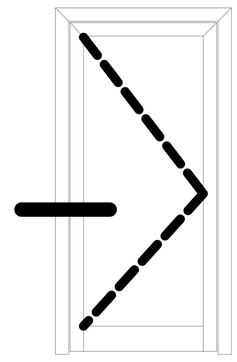
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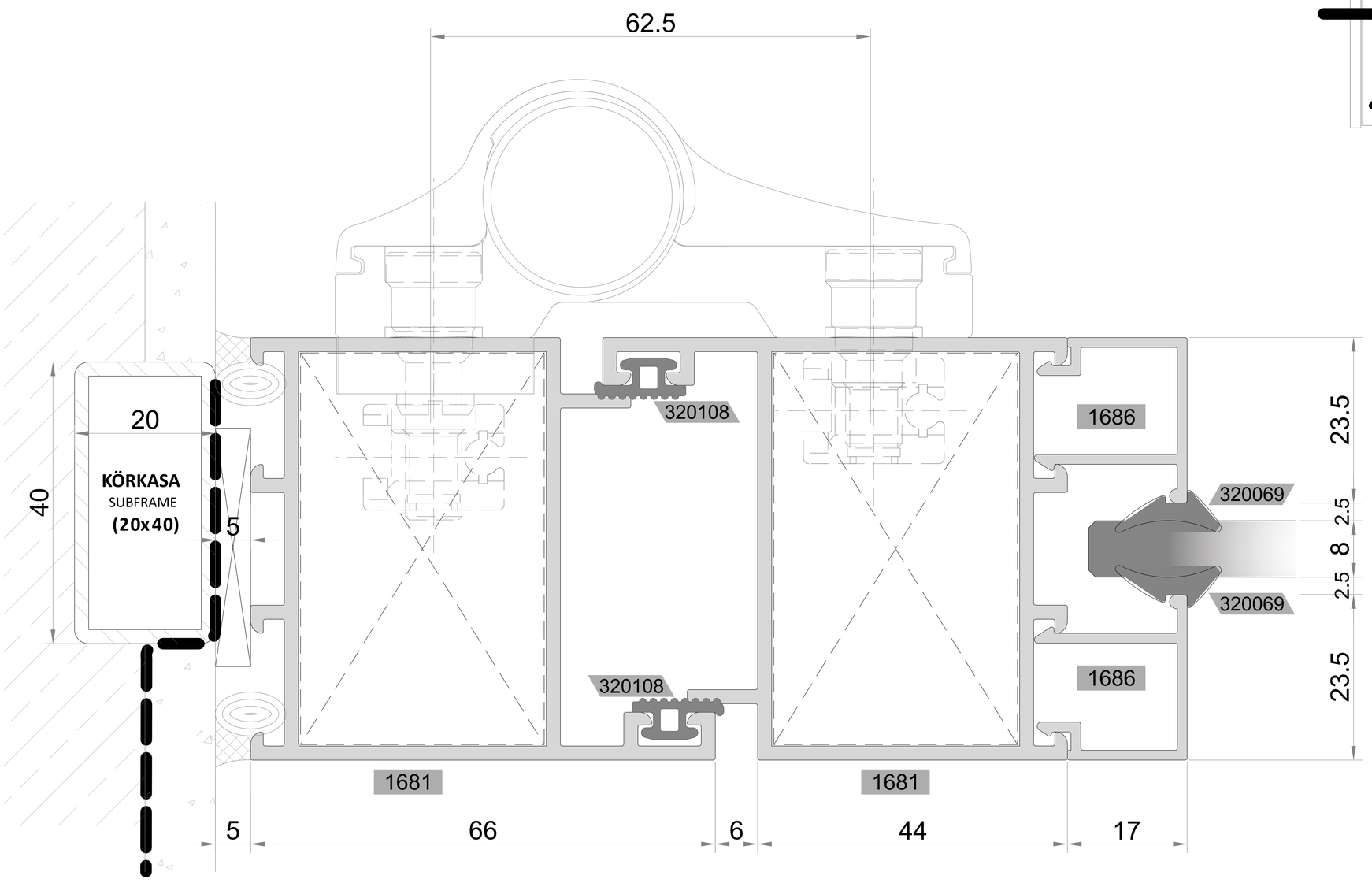


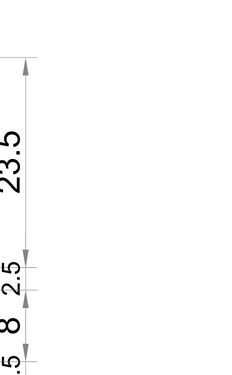


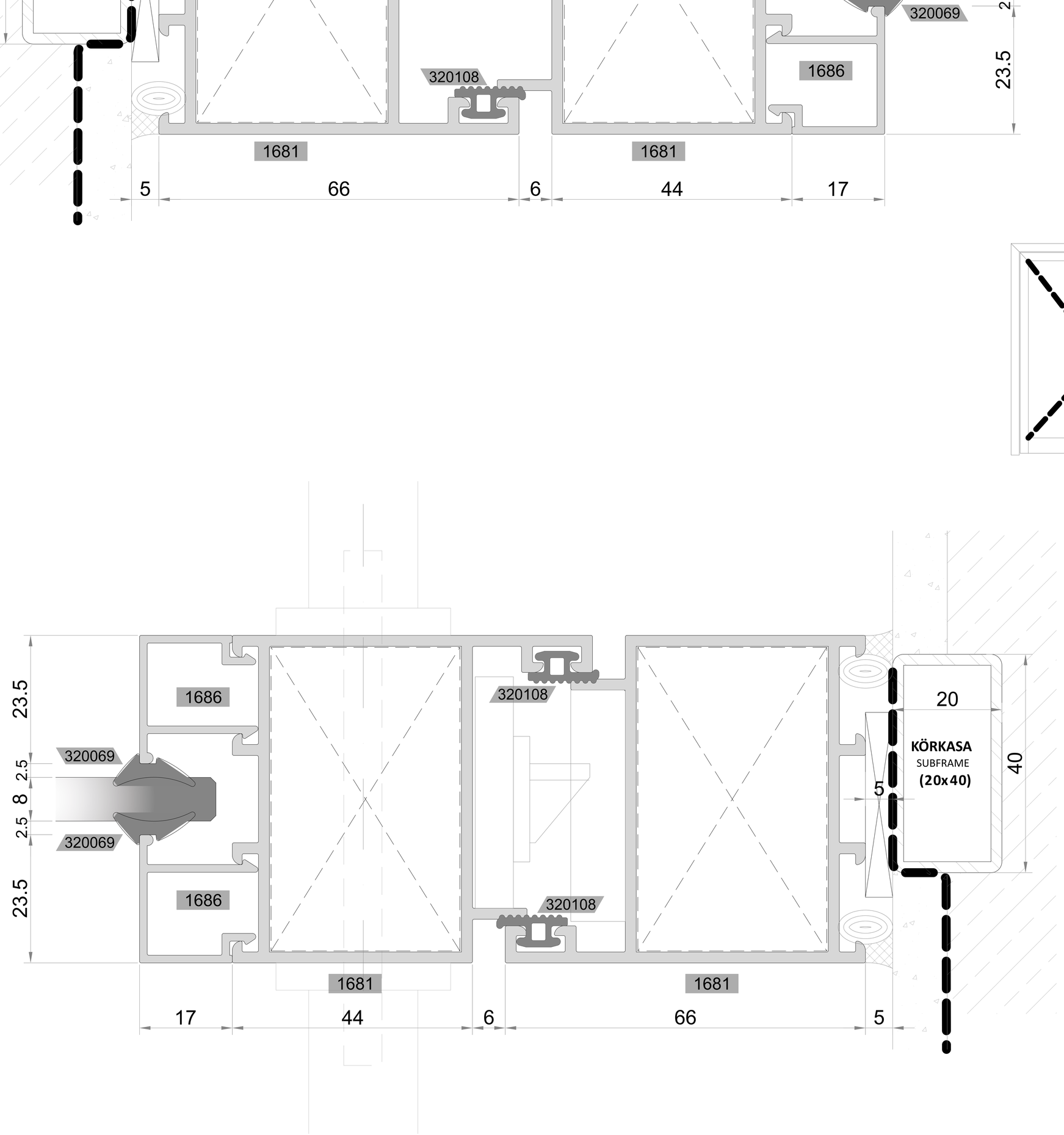


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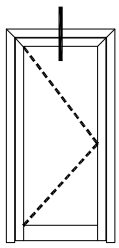


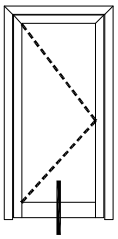


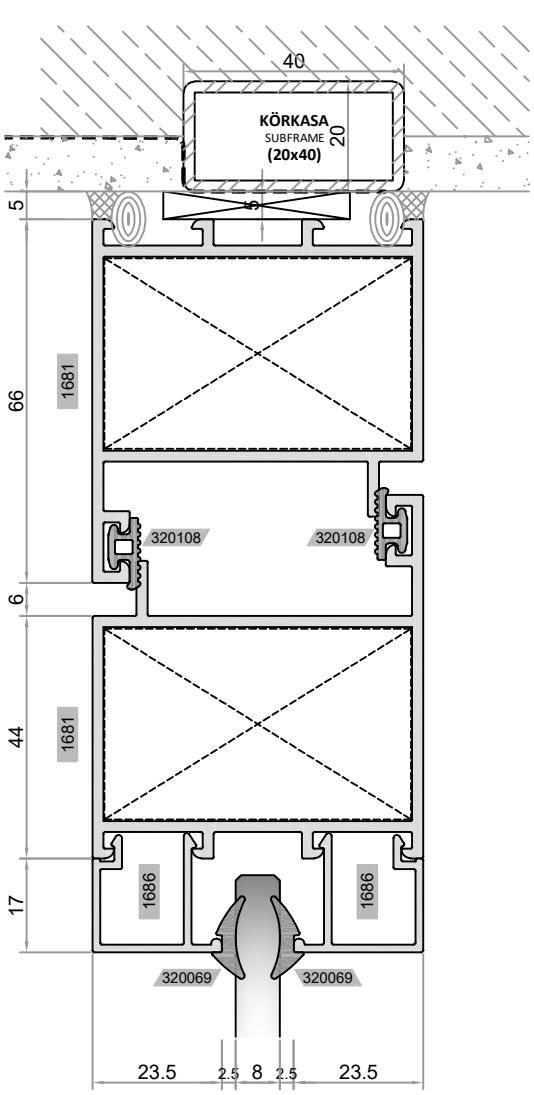


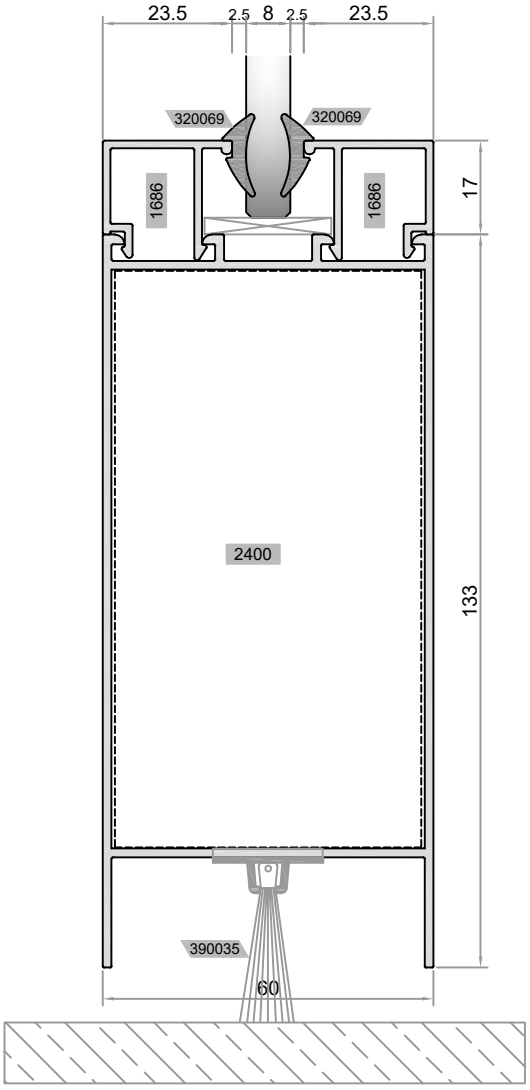
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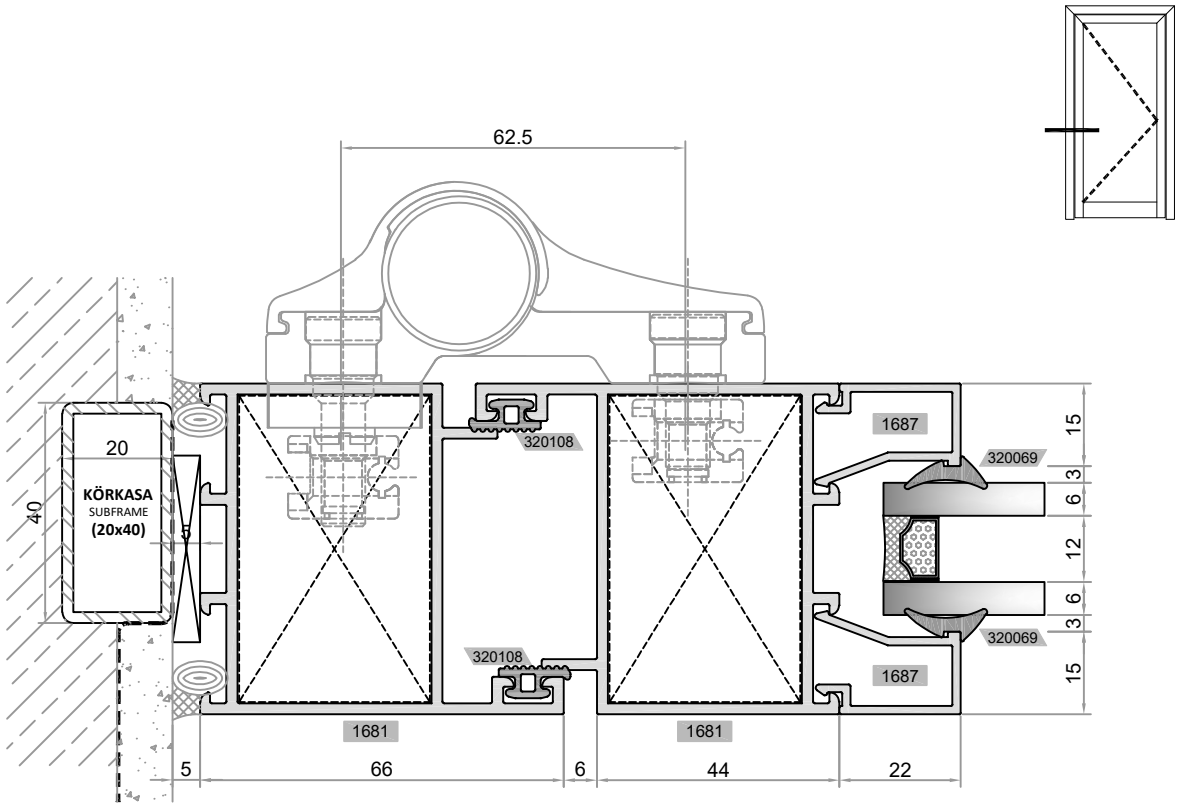


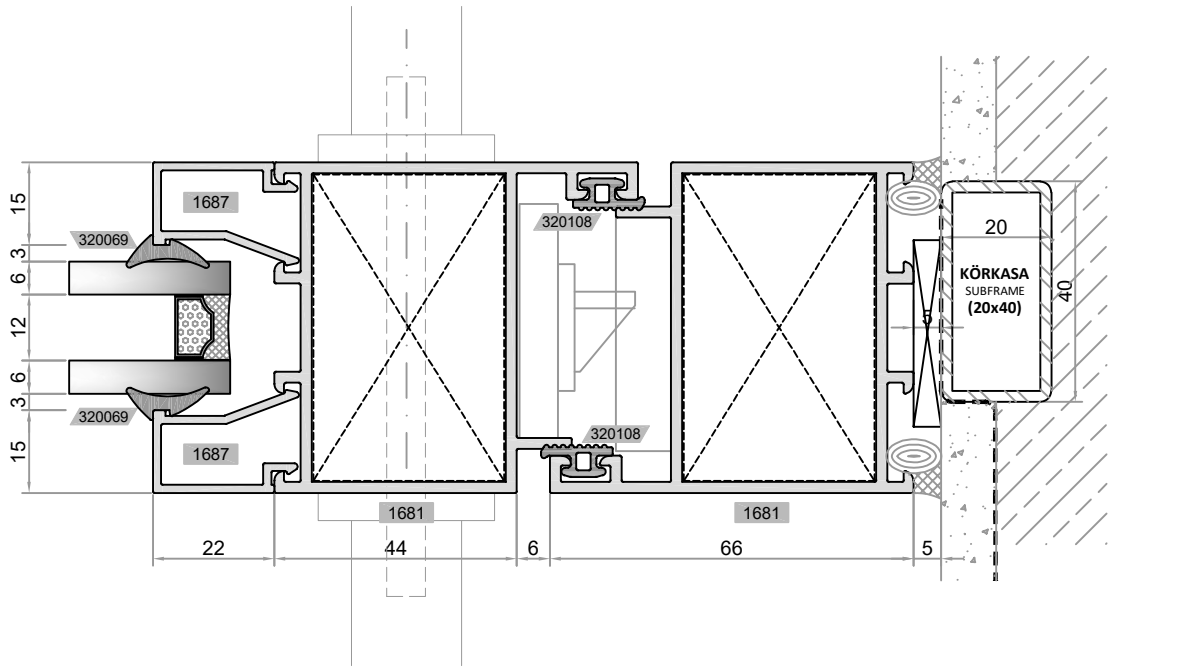






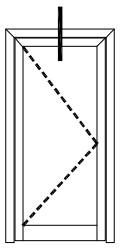
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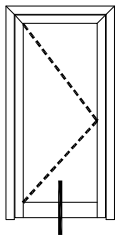


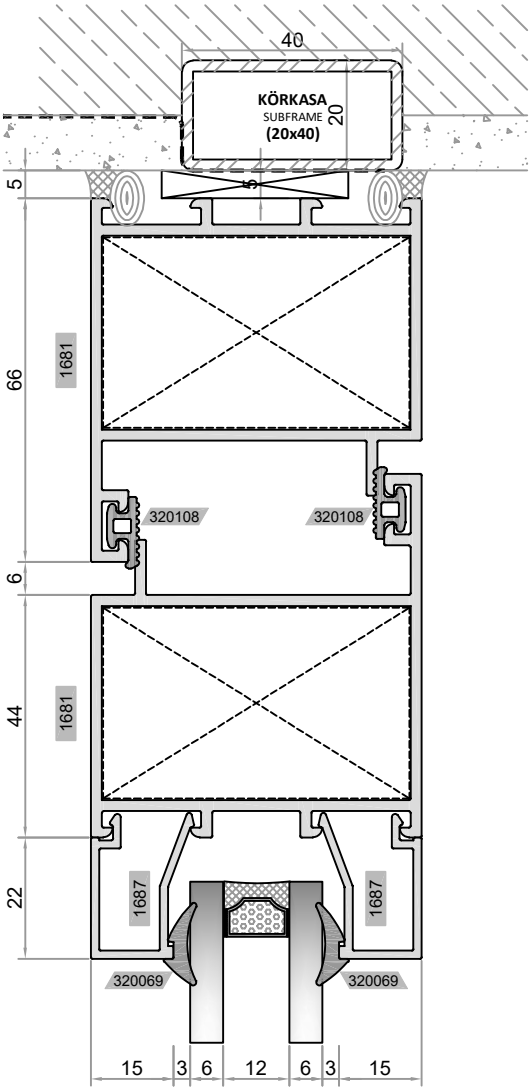


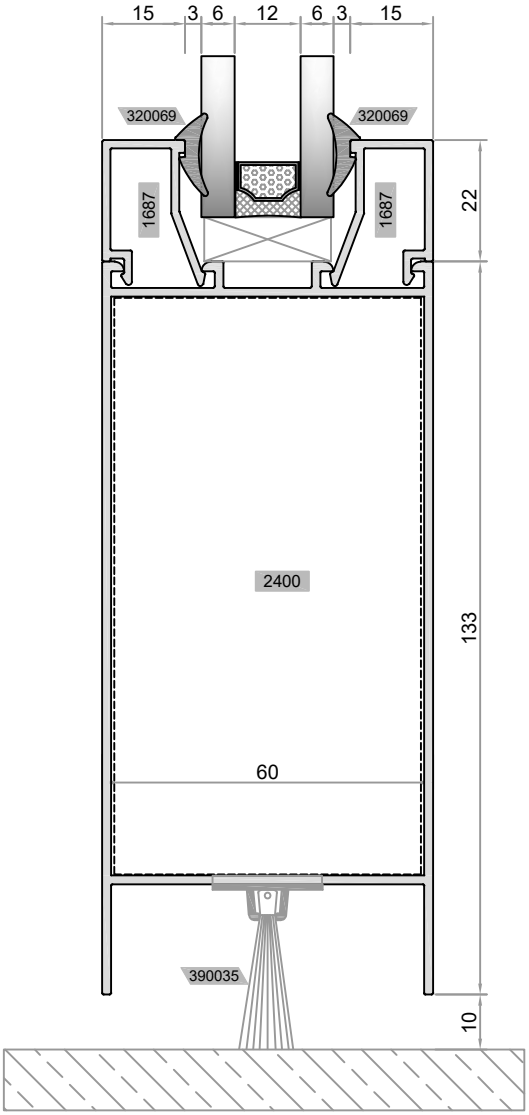
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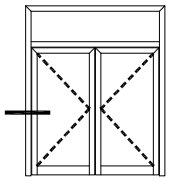


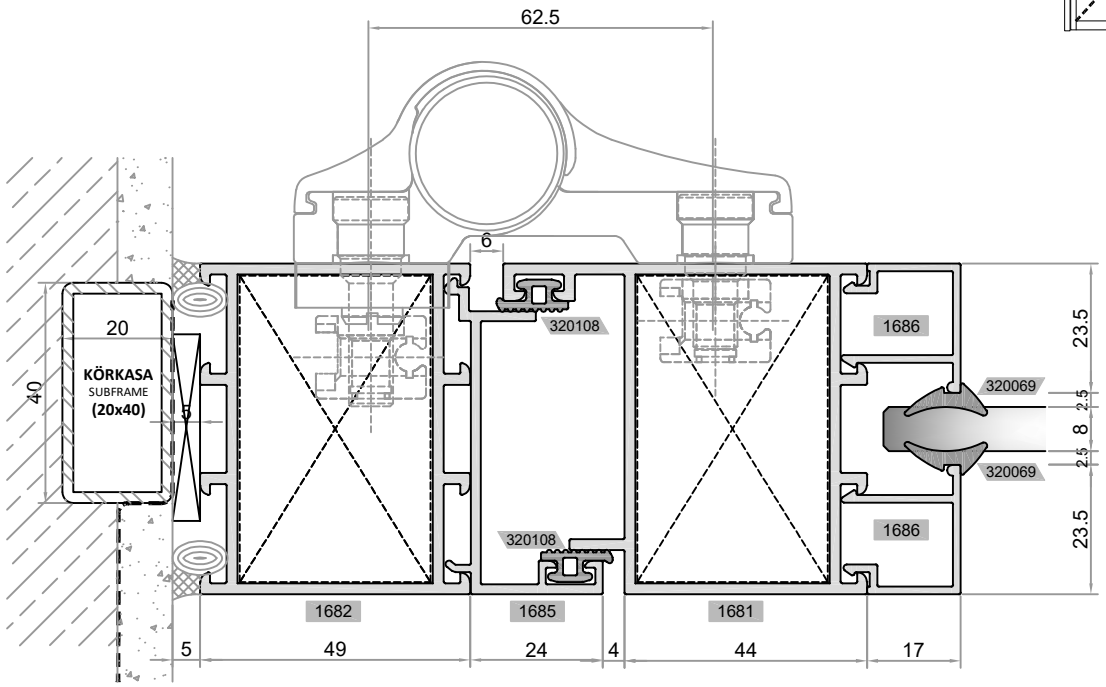


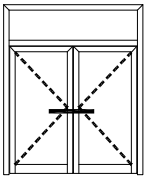


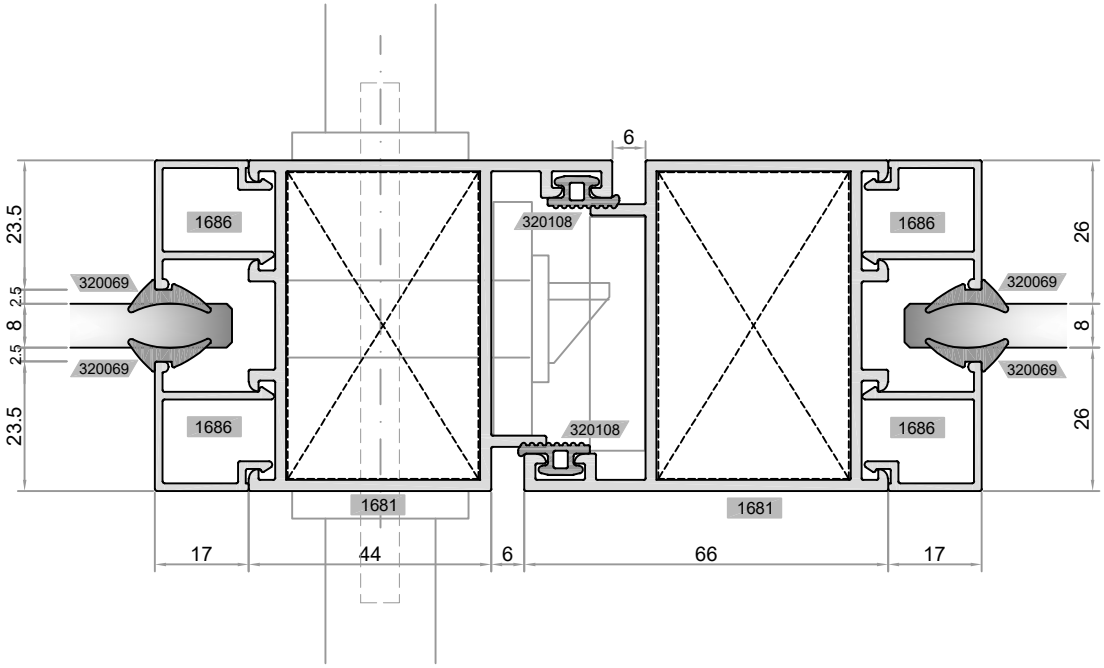


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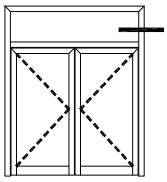


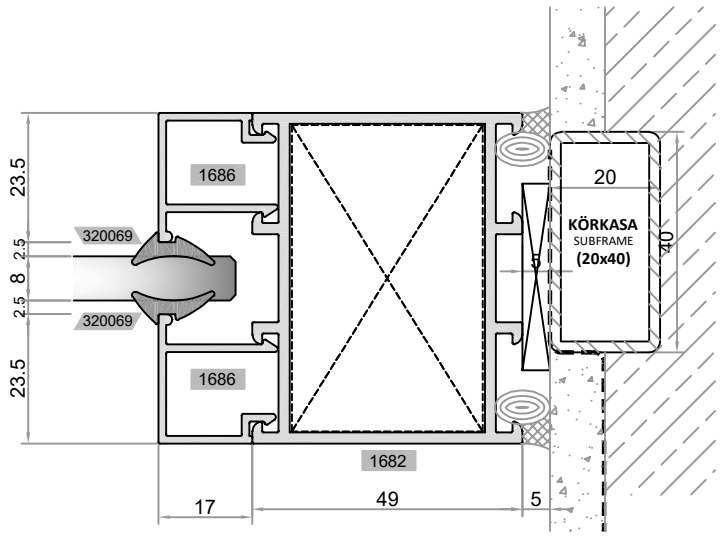


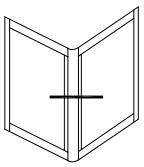


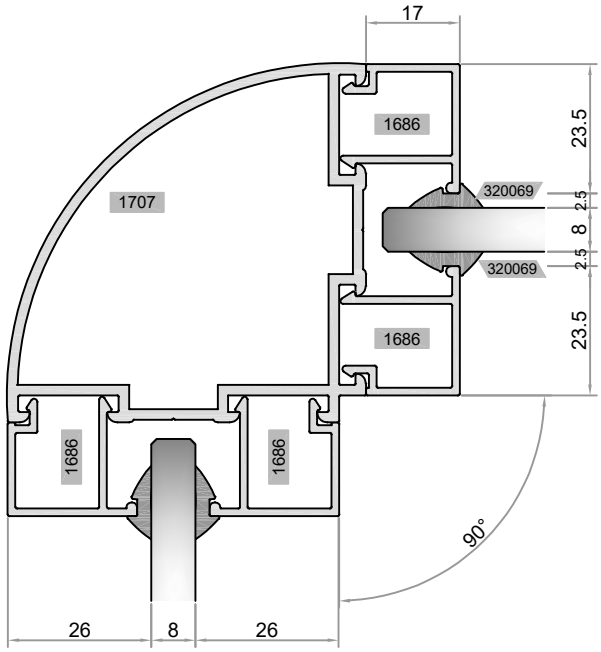
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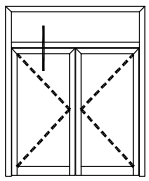


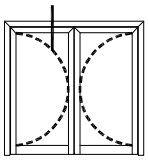


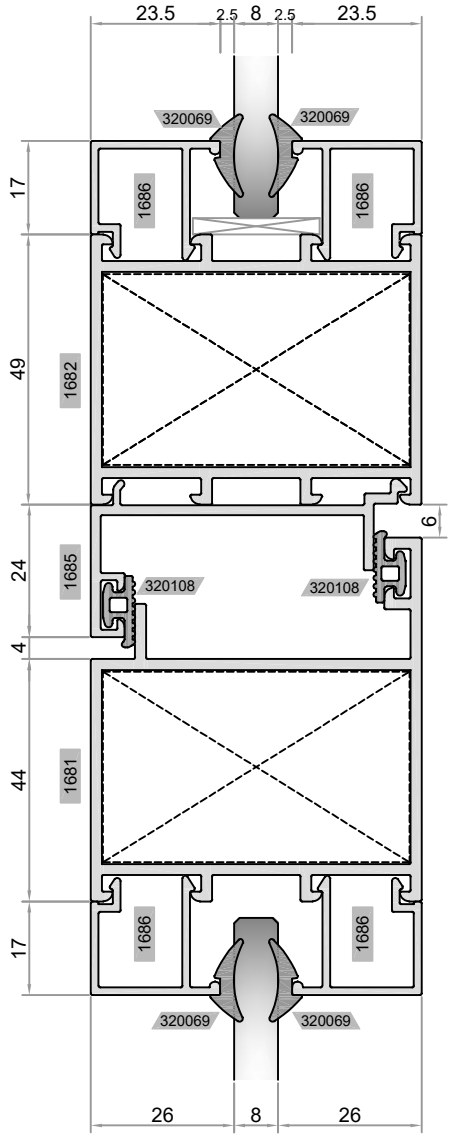


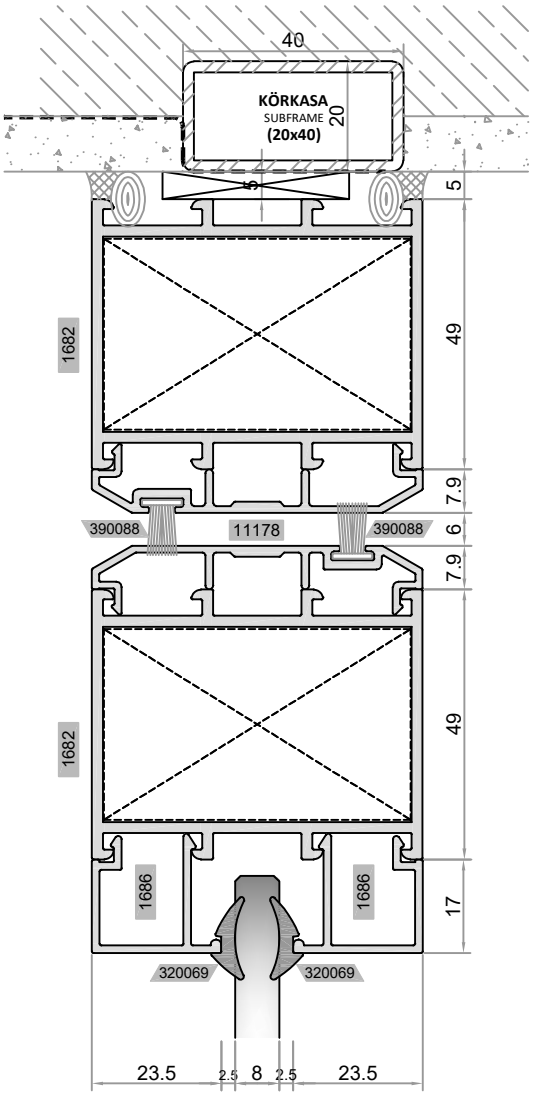


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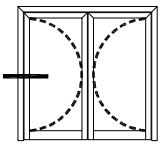


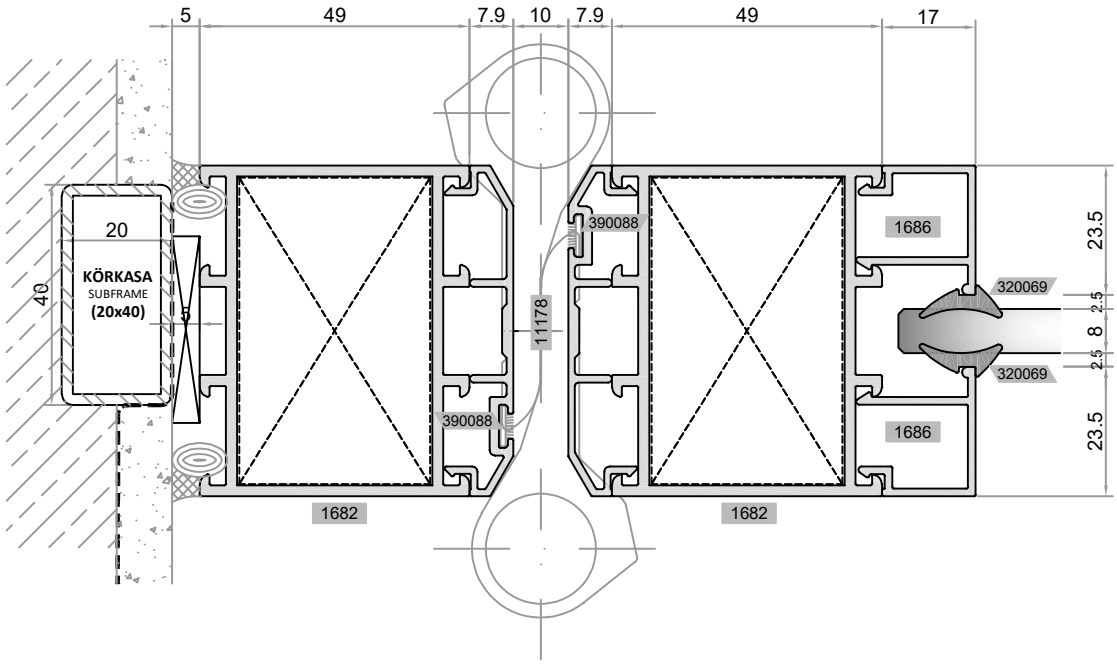


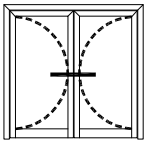


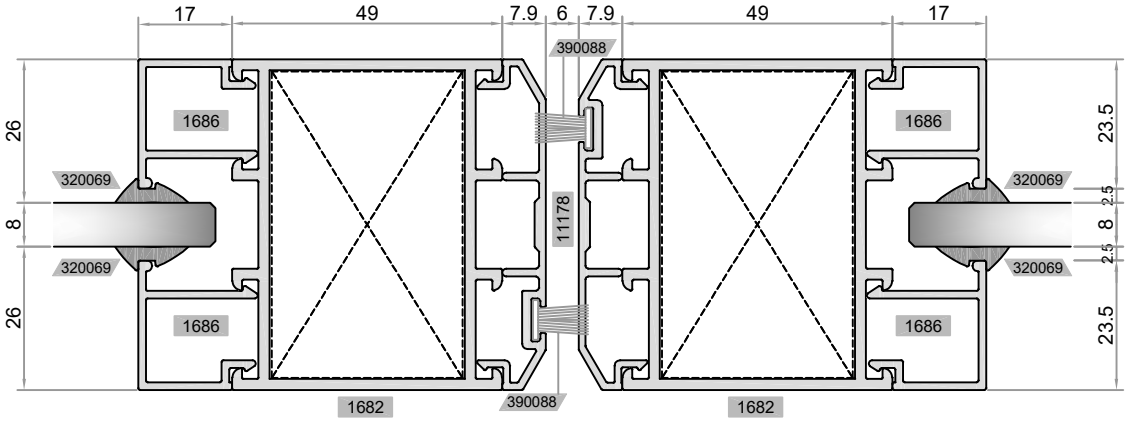
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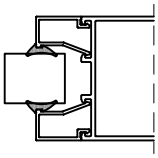
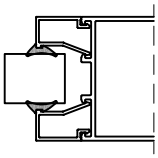
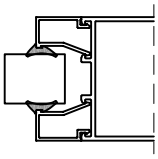
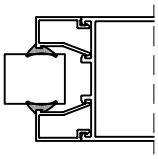
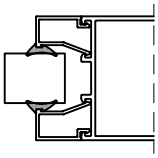
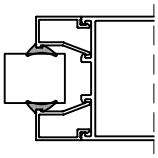
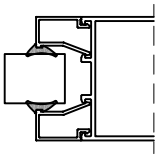
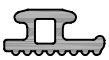
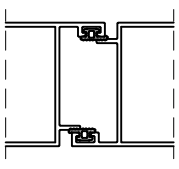
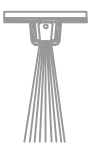
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ACCESSORIES

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3. **ISI BARİYERLERİ** / INSULATION BARS
4. **KÖŞE TAKOZLARI** / CORNER CLEATS
5. **MAKASLAR** / FRICTION STAYS
6. **KİTLEME AKSESUARLARI** / LOCKING ACCESSORIES
7. **CEPHE KOLLARI** / FACADE HANDLES
8. **BAĞLANTI PARÇALARI** / CONNECTION PIECES
9. **AÇILIM MOTORLARI** / OPENING MOTORS
10. **MONTAJ TALİMATLI AKSESUARLAR /** ACCESSORIES WITH FABRICATION MANUAL

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320069 *KAMA İÇ CAM FİTİLİ 2,5 mm / INNER GLAZING GASKET 2,5 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 52 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 288 m*		
320128 *KAMA İÇ CAM FİTİLİ 3,5 mm / INNER GLAZING GASKET 3,5 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 70 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 213 m*		
320129 *KAMA İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING GASKET 4,5 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 84 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 178 m*		
320130 *KAMA İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING GASKET 5,5 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 98 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 153 m*		
320131 *KAMA İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING GASKET 6,5 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 111 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 135 m*		
320132 *KAMA İÇ CAM FİTİLİ 7,5 mm / INNER GLAZING GASKET 7,5 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 125 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 120 m*		
320133 *KAMA İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING GASKET 8,5 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 139 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 108 m*		
320108 *KASA KANAT ÇARPMA İÇ DIŞ FİTİLİ 13X5.9 mm /* *STEP GASKET FOR FRAME 13X5.9 mm* *BİRİM AĞIRLIK / UNIT WEIGHT: 49 gr/m* *KOLİ MİKTARI / PACKAGE QUANTITY: 308 m*		
390035 (490035) ***KAPI ALTI FIRÇASI*** / *BRUSH FOR DOOR BOTTOMS*		
390088 (490088) ***KIL FİTİL 10 mm*** / *BRUSH GASKET 10 mm*		

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ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES

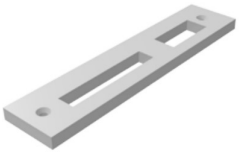
370365 (470365)
DİLLİ KİLİT 85 x 30 mm /
LOCK WITH BOLT 85 x 30 mm



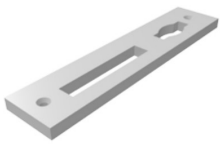
370364 (470364)
MAKARALI KİLİT 85 x 30 mm /
LOCK WITH ROLLER 85 x 30 mm



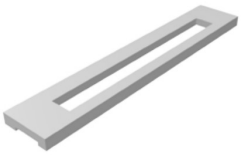
360089 (460089)
DİLLİ KİLİT KARŞILIĞI **(C-60 İÇİN)** /
STRIKER FOR LOCK WITH RAIL (FOR C-60)



360088 (460088)
MAKARALI KİLİT KARŞILIĞI /
STRIKER FOR LOCK WITH ROLLER (FOR C-60)



360090 (460090)
KİLİT ALTI PARÇASI **(C-60 İÇİN)** /
UNDER LOCK PIECE (FOR C-60)



370366 (470366)
KAPI SÜRGÜSÜ 220mm **(C-60 İÇİN)** /
DOOR LATCH 220mm (FOR C-60)



360070 (460070)
BAREL ROZETİ (10mm) /
CYLINDER COVER PLATE (10mm)



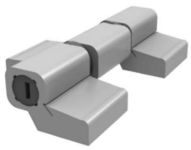
370362 (470362)
BAREL / *CYLINDER*

*** 35+10+35=80mm BAREL (C-60 İÇİN)**
35+10+35=80mm CYLINDER (FOR C-60)





370367 (**470367**)
HEM YÜZ İKİ YAPRAKLI KAPI MENTEŞESİ **(C-60 İÇİN)** /
DOOR HINGE WITH TWO LEAVES (FOR C-60)



370368 (**470368**)
HEM TÜZ ÜÇ YAPRAKLI KAPI MENTEŞESİ **(C-60 İÇİN)** /
DOOR HINGE WITH THREE LEAVES (FOR C-60)

470083 (370083)
ÇİFT TARAFLI BASMA KAPI KOLU /
DOUBLE SIDED DOOR HANDLE



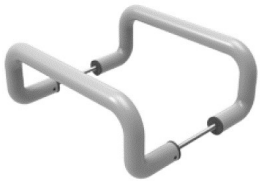
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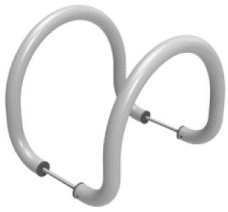
AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER /
ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES

KIVRIK BORU KOL / *CURVED PULL HANDLE*



KOD/CODE	Ø (mm)	A (mm)
370154	25	200
370155	25	300
370156	25	400
370157	30	300
370158	30	350
370159	30	600

YARIM AY BORU KOL / *C SHAPED PULL HANDLE*



KOD/CODE	Ø (mm)	A (mm)
370160	25	200
370161	25	300
370162	25	400
370163	30	300
370164	30	350

U BORU KOL / *U SHAPED PULL HANDLE*



KOD/CODE	Ø (mm)	A (mm)
370165	25	200
370166	25	300
370167	25	400
370168	30	300
370169	30	350
370170	30	400

BASTON KOL / *CANE PULL HANDLE*



KOD/CODE	Ø (mm)	A (mm)
370171	25	900
370172	25	1000
370173	30	900
370174	30	1000

BANT KOL / *STRIPE PULL HANDLE*



KOD/CODE	A (mm)
370151	800
370152	900
370153	1000

KIVRIK H KOL / *CURVED H SHAPED PULL HANDLE*



KOD/CODE	Ø (mm)	A (mm)
370177	30	500
370178	30	750

V BORU KOL / *V SHAPED PULL HANDLE*



KOD/CODE	Ø (mm)	A (mm)
370175	25	300
370176	30	350

H KOL / *H SHAPED PULL HANDLE*



KOD/CODE	Ø (mm)	A (mm)
370179	30	500
370180	40	750

YAY KOL / *BOW PULL HANDLE*



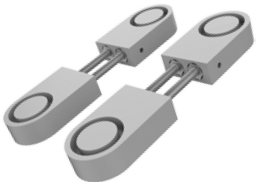
KOD/CODE	Ø (mm)	A (mm)
370181	30	500
370182	40	750

DÜZ BORU KOL BAĞ. APARATI - 1 / *TUBE PULL HANDLE CONNECTION*



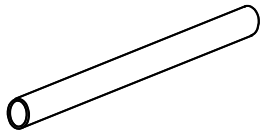
KOD/CODE	Ø (mm)
370183	40

DÜZ BORU KOL BAĞ. APARATI - 2 / *TUBE PULL HANDLE CONNECTION*



KOD/CODE	Ø (mm)
370184	40

DÜZ BORU PROFİL / *TUBE PROFILE*



KOD/CODE	Ø (mm)	A (mm)
310489	40	2500

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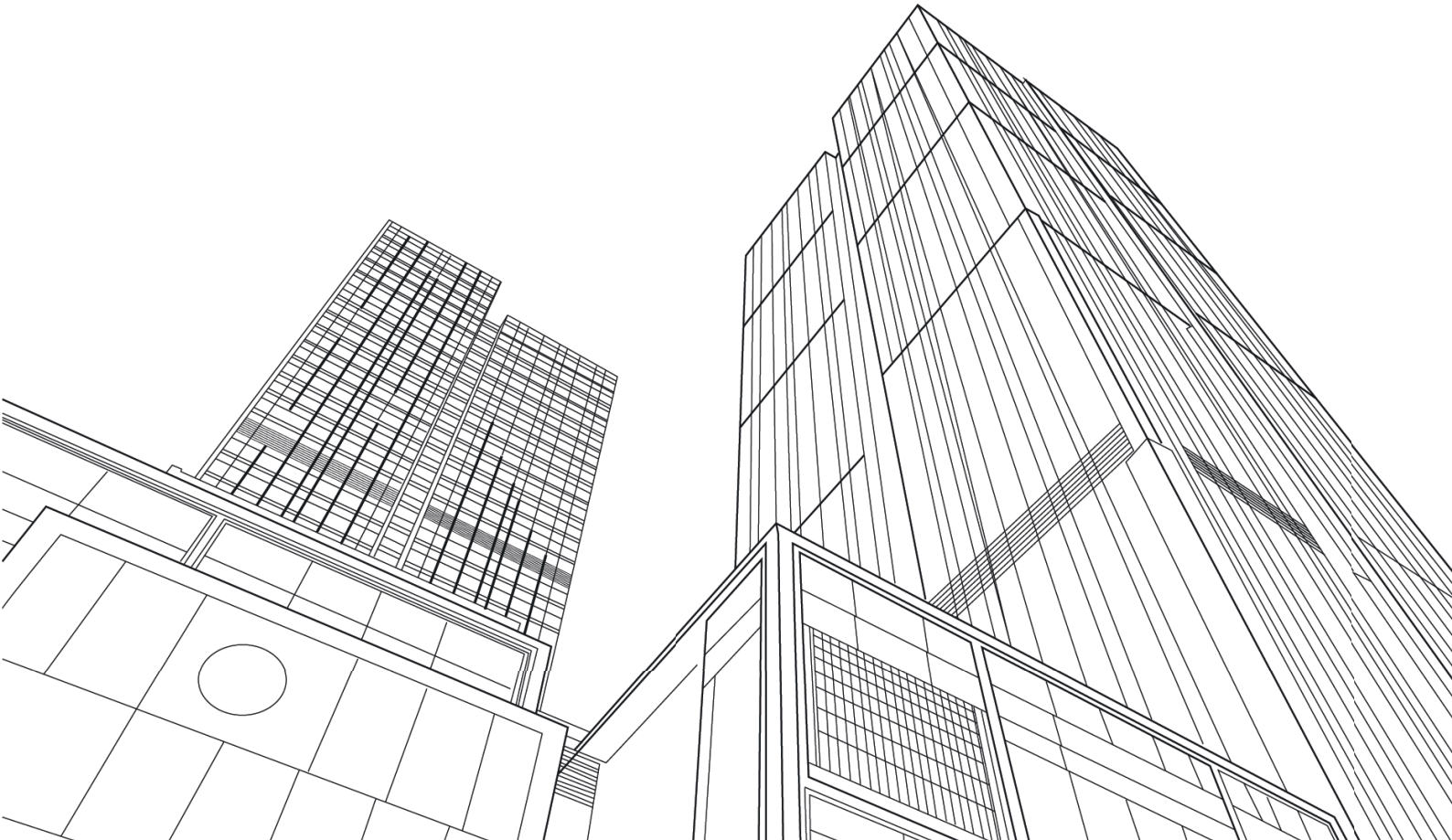
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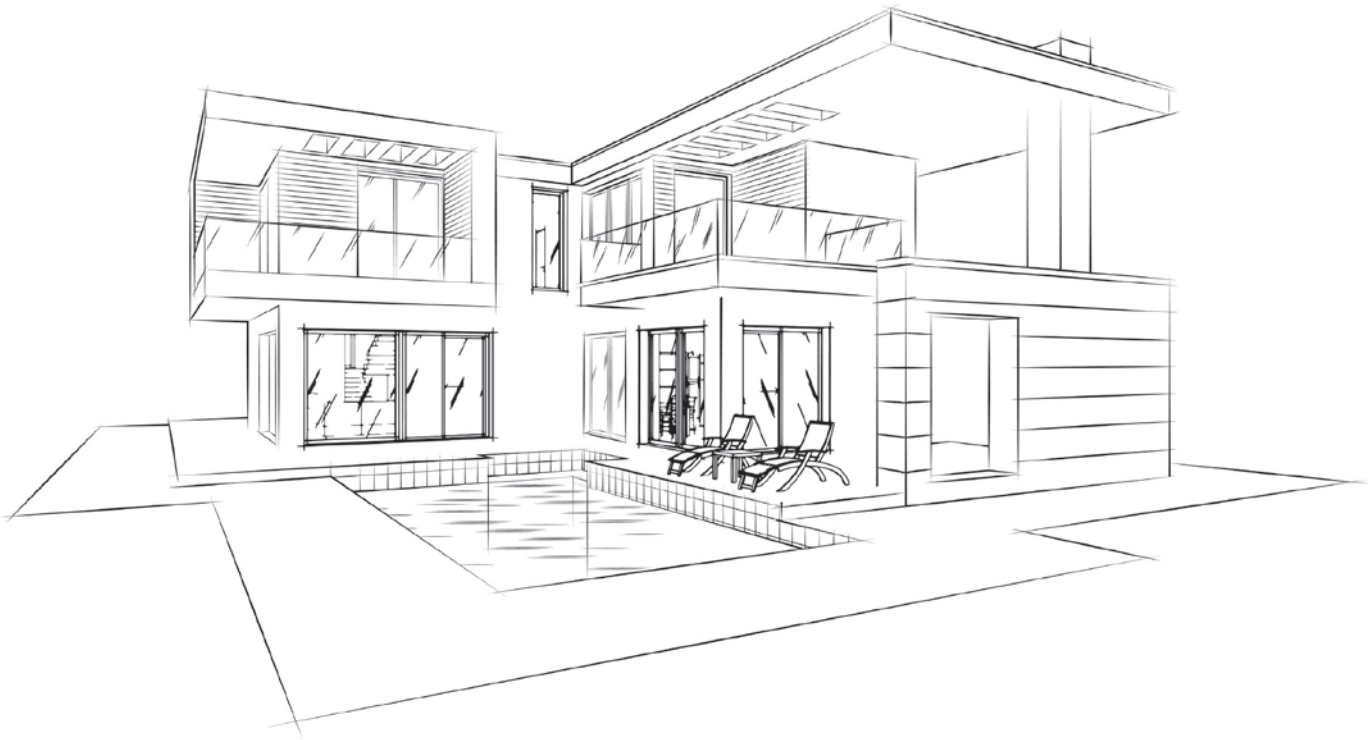
TS 4922

TS 755-1

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