

KATALOG/CATALOG

# KAYRA B

## ALUMINYUM

GIOSOLID

[www.kayraaluminyum.com](http://www.kayraaluminyum.com)



**KAYRAB**  
ALUMINYUM

# HAKKIMIZDA

## ABOUT US

### VİZYON

Kayrab Alüminyum, yenilikçi yaklaşımı, teknolojiye entegre üretim süreçleri ve güçlü mühendislik altyapısı ile sektörde öncü ve tercih edilen bir marka olmayı hedeflemektedir. Ulusal ve uluslararası pazarda rekabet gücünü artırarak, kalite, güven ve sürdürülebilirlik ilkeleri doğrultusunda kalıcı değerler oluşturmayı vizyon olarak benimsemektedir.

Kayrab Aluminium seeks to become a leading and preferred brand in the sector with its innovative approach, technology-integrated production processes, and robust engineering infrastructure. It embraces the vision of creating lasting value in both domestic and international markets by adhering to the principles of quality, trust, and sustainability.

Kayrab Alüminyum, 2006 yılında faaliyetlerine başlamış olup, hareketli cam sistemleri imalatı alanında uzmanlaşarak sektörün önde gelen firmalarından biri haline gelmiştir. Kurulduğu günden bu yana ürün çeşitliliğini sürekli artırarak, geniş bir hizmet yelpazesi ve gelişime açık yapısıyla faaliyetlerini sürdürmektedir.

Firmanın geliştirdiği ve patenti kendisine ait olan "Temizlenebilir Giyotin Sistemleri" başta olmak üzere, tüm sistemler kendi Ar-Ge çalışmaları sonucunda tasarlanmakta ve uygulanmaktadır. Kayrab Alüminyum, üretimin her aşamasını kendi bünyesinde, tam donanımlı tesislerinde gerçekleştirmekte; kalite ve kontrol süreçlerini titizlikle yönetmektedir.

İmalat serüvenine küçük ölçekli bir atölyede başlayan Kayrab Alüminyum, bugün yüksek üretim kapasitesine ve ileri teknolojiye sahip entegre bir yapıya ulaşmıştır. Firma, yıllar içerisinde edindiği bilgi birikimi, deneyim ve teknik uzmanlıkla sektörde sürdürülebilir bir büyüme modeli benimsemiş; her geçen gün kendini yenileyerek ilerlemeye devam etmiştir.

Kayrab Alüminyum, yalnızca yurt içinde değil, yurt dışında da aktif olarak faaliyet göstermektedir. Mevcut ihracat faaliyetlerini daha üst seviyelere taşımak ve Türkiye'yi uluslararası platformlarda başarıyla temsil etmek amacıyla çalışmalarını kararlılıkla sürdürmektedir.

### ABOUT US

Kayrab Alüminyum commenced its operations in 2006 and has since become one of the leading companies in the field of movable glass systems manufacturing. Since its establishment, the company has continuously expanded its product range and maintained a dynamic structure focused on growth and innovation.

All systems used by the company, including the patented "Cleanable Guillotine Systems," have been developed entirely in-house as a result of dedicated R&D efforts. Kayrab Alüminyum carries out every stage of the production process within its own fully equipped facilities, ensuring rigorous quality control at every step.

Starting its manufacturing journey in a small-scale workshop, Kayrab Alüminyum has evolved into an integrated enterprise with high production capacity and advanced technological infrastructure. Through years of accumulated knowledge, experience, and technical expertise, the company has adopted a sustainable growth model and continues to progress by constantly renewing itself.

In addition to its domestic achievements, Kayrab Alüminyum actively operates in international markets. The company is committed to further expanding its export activities and representing Turkey on global platforms with determination and professionalism.

### MİSYON

Kayrab Alüminyum, yapı sektöründe alüminyum doğrama, cephe sistemleri ve cam balkon alanlarında kaliteli, güvenilir ve sürdürülebilir çözümler sunmayı amaçlamaktadır. Faaliyetlerinde müşteri memnuniyetini esas alarak, modern üretim teknikleri ve uzman kadrosu ile estetik, fonksiyonel ve uzun ömürlü uygulamalar gerçekleştirmeyi misyon edinmiştir.

Kayrab Aluminium aims to provide high-quality, reliable, and sustainable solutions in the fields of aluminium joinery, façade systems, and glass balcony applications within the construction industry. With a strong focus on customer satisfaction, the company is committed to delivering aesthetic, functional, and long-lasting applications through modern production techniques and a skilled professional team.

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### AÇILIM OPENING



## GİOSOLID SİSTEM - 3 KANAT'LI GİOSOLID SYSTEM - 3 WINGS



### AÇILIM OPENING



### DETAY DETAILS



- Sistem, 24 mm kalınlığında temperli ısıcam ile donatılmıştır; isteğe bağlı olarak Low-E, reflekte veya lamine cam seçenekleri sunulabilir.
- Motorlu çalışan lineer raylı mekanizmaya sahip olup, silikon fitil, fırça ve özel profiller ile yüksek sızdırmazlık performansı sağlar.
- The system is equipped with 24 mm thick tempered double glazing, with optional Low-E, reflective, or laminated-glass alternatives.
- It features a motorized linear rail mechanism and ensures high sealing performance with silicon gaskets, brushes, and special sealing profiles.

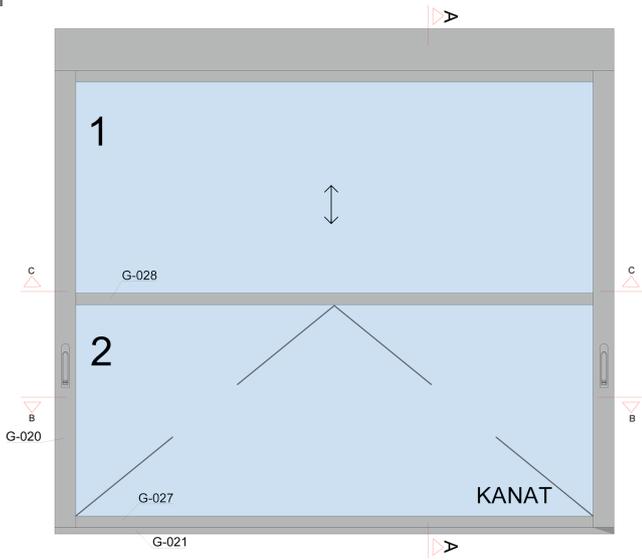


# TEKNİK ÖZELLİKLER VE DETAYLAR / TECHNICAL SPECIFICATIONS AND DETAILS

ÖZELLİK	AÇIKLAMA
Cam Kalınlığı	İsıcam; 24 mm (Örnek kombinasyonlar: 4 mm + 16 mm + 4 mm / 6 mm + 12 mm + 6 mm)
Profil ve Aksesuar	13 adet alüminyum profilden ve aksesuar kitinden oluşur
Sistem Tipi	Silinebilir sistem
Cam Tipi	İsıcam (24 mm), temperli; opsiyonel olarak Low-E, reflekte veya lamine cam uygulanabilir
Yüzey Kaplama	Elektrostatik toz boya
Hareket Mekanizması	Motorlu; lineer raylı sistem
Sızdırmazlık	Silikon fitil, fırça ve özel sızdırmazlık profilleri ile yüksek rüzgar ve su dayanımı
Renk Seçenekleri	RAL Kataloğu renkleri / Ahşap desen kaplama / Özel renk seçenekleri
Dayanıklılık	UV ışınlarına, neme ve korozyona karşı yüksek direnç
Sistem Yüksekliği	Maksimum değeri: 3500 mm
Sistem Genişliği	Maksimum değeri: 3500 mm
Sistem Ağırlığı	30 kg/m <sup>2</sup>
Kullanım Alanları	Bahçeler, siteler, villalar, endüstriyel alanlar, kamusal alanlar

FEATURE	DESCRIPTION
Glass Thickness	Double-glazed; 24 mm (Example combinations: 4 mm + 16 mm + 4 mm / 6 mm + 12 mm + 6 mm)
Profile & Accessories	Consists of 13 aluminum profiles and an accessory kit
System Type	Available in wipeable and fixed options
Glass Type	Double-glazed (24 mm), tempered; optionally Low-E, reflective, or laminated glass can be applied
Surface Coating	Electrostatic powder coating
Movement Mechanism	Motorized; linear rail system
Sealing	High wind and water resistance with silicone gasket, brush, and special sealing profiles
Color Options	RAL chart colors / Wood pattern coating / Custom color options
Durability	High resistance to UV rays, moisture, and corrosion
System Height	Maximum value: 3500 mm
System Width	Maximum value: 3500 mm
System Weight	30 kg/m <sup>2</sup>
Application Areas	Gardens, residential complexes, villas, industrial areas, public buildings

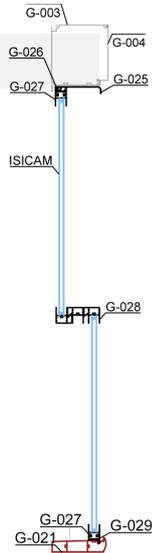
## GIOSOLID SİSTEM - 2 KANAT'LI GIOSOLID SYSTEM - 2 WINGS



ÖN GÖRÜNÜŞ



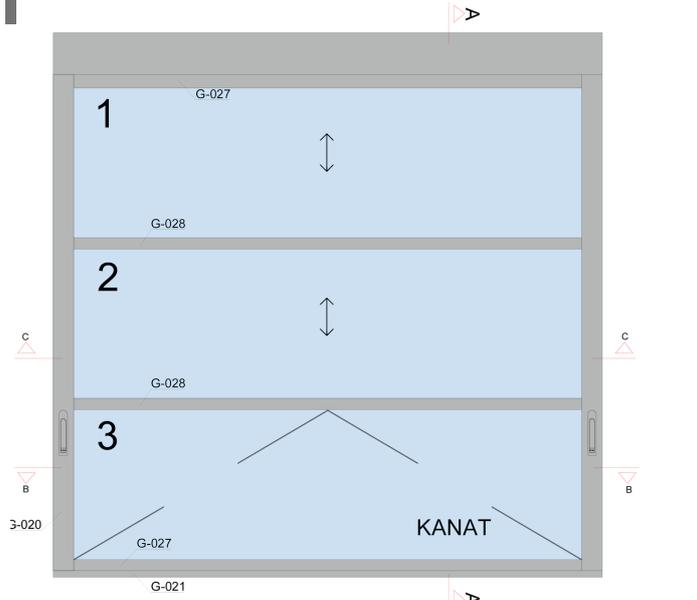
B-B KESİTİ



A-A KESİTİ

PROFİL KODU	TEKNİK ÇİZİM
KARE ŞASE G - 003	
KARE ŞASE KAPAK G - 004	
YAN DİKME G - 020	
ALT KASA G - 021	
RAY 1 G - 022	
RAY 2 G - 023	
YAN KASA KAPAK G - 030	
KÜPEŞTE G - 025	
KÜPEŞTE BAĞLANTI G - 026	
ISICAM BAZA (ÜST) G - 027	
ISICAM KENET (ALT) G - 028	
MENTEŞE G - 029	
AÇILIR KANAT G - 024	

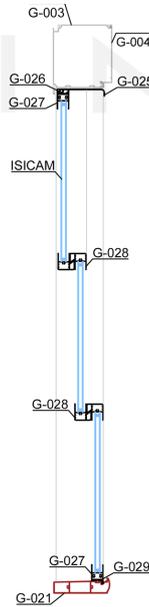
## GIOSOLID SİSTEM - 3 KANAT'LI GIOSOLID SYSTEM - 3 WINGS



ÖN GÖRÜNÜŞ

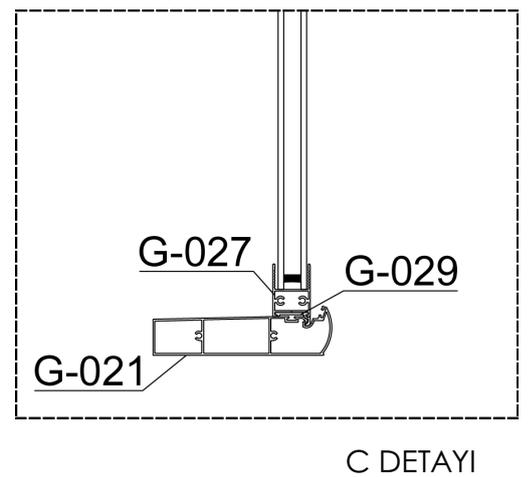
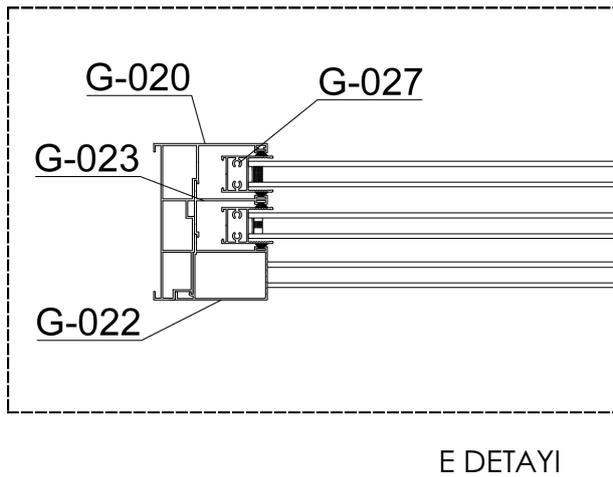
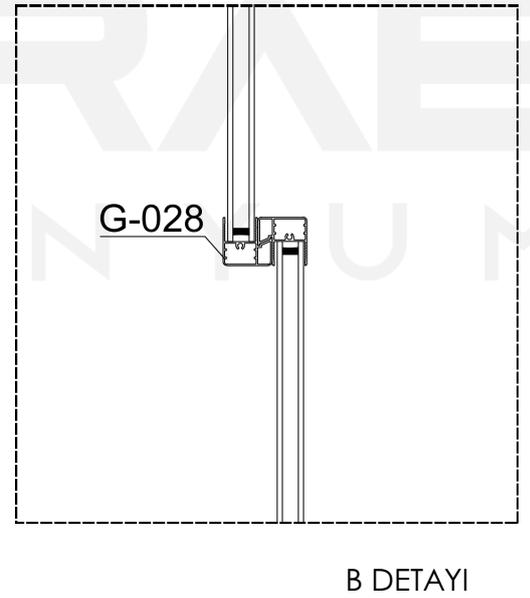
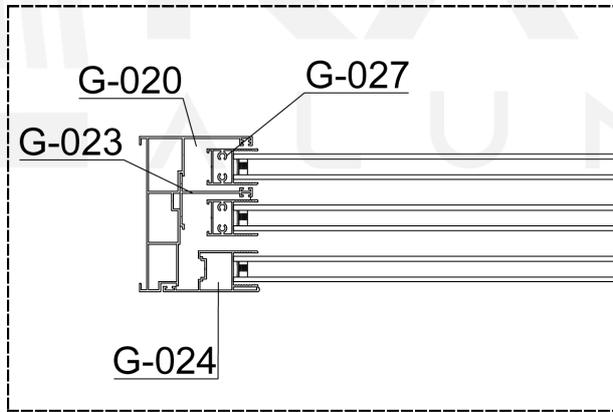
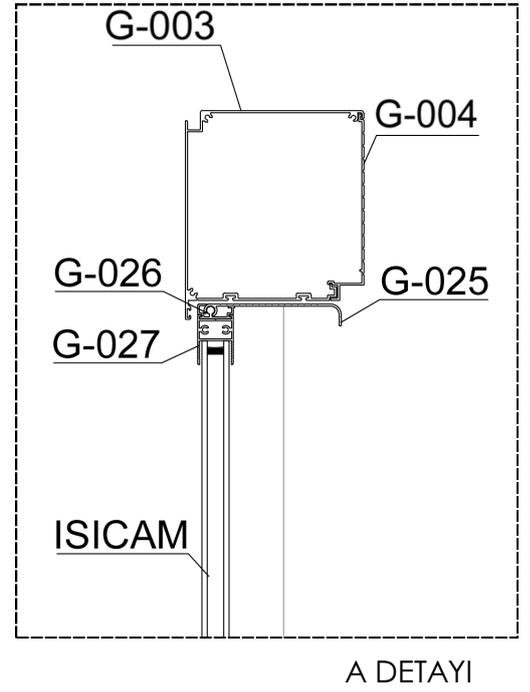
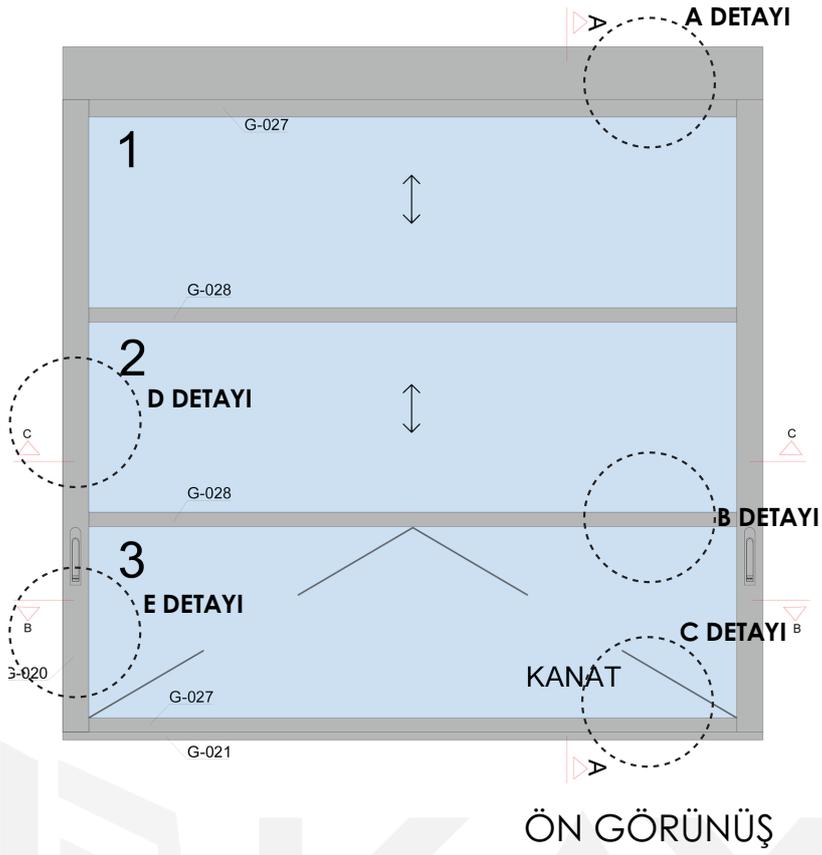


B-B KESİTİ

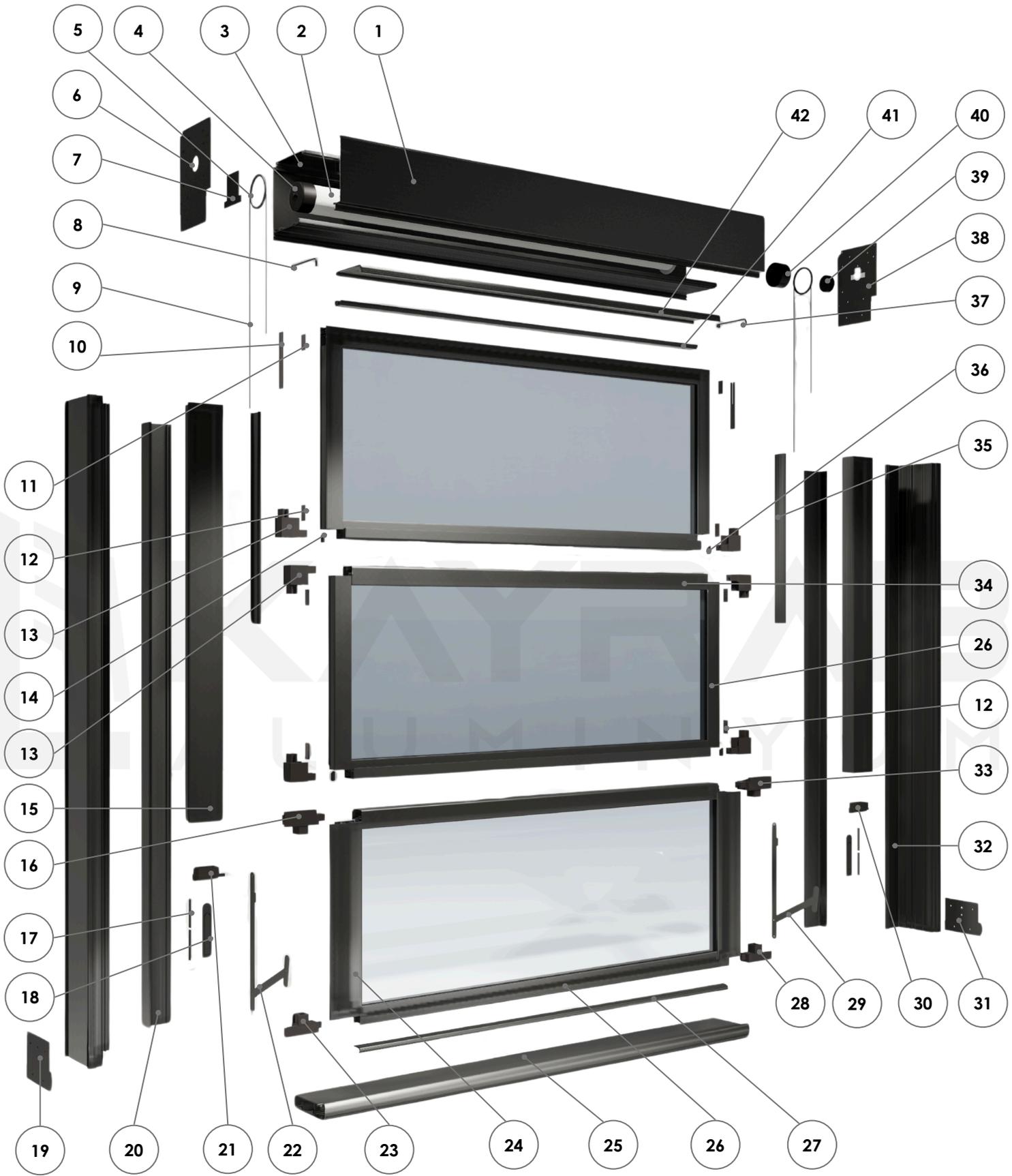


A-A KESİTİ

PROFİL KODU	TEKNİK ÇİZİM
KARE ŞASE G - 003	
KARE ŞASE KAPAK G - 004	
YAN DİKME G - 020	
ALT KASA G - 021	
RAY 1 G - 022	
RAY 2 G - 023	
YAN KASA KAPAK G - 030	
KÜPEŞTE G - 025	
KÜPEŞTE BAĞLANTI G - 026	
ISICAM BAZA (ÜST) G - 027	
ISICAM KENET (ALT) G - 028	
MENTEŞE G - 029	
AÇILIR KANAT G - 024	

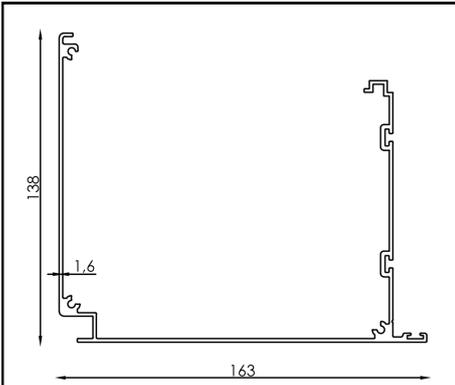


# PATLATILMIŞ SİSTEM DETAYLARI / EXPLODED SYSTEM DETAILS



# PATLATILMIŞ SİSTEM DETAYLARI /EXPLODED SYSTEM DETAILS

ÖGE NO	ÜRÜN KODU	TANIM	ITEM NO	PRODUCT CODE	DESCRIPTION
1	G - 004	KARE ŞASE KAPAK	1	G - 004	SQUARE CHASSIS COVER
2	SKZ.01	70'LİK SEKİZGEN BORU	2	SKZ.01	70 MM OCTAGONAL TUBE
3	G - 003	KARE ŞASE	3	G - 003	SQUARE CHASSIS
4	M.GİO120	GİO MOTOR 120NM	4	M.GİO120	GIO MOTOR 120NM
5	M.G 136	METAL ZİNCİR DİŞLİSİ	5	M.G 136	METAL CHAIN GEAR
6	GİOS - 004	ŞASE YAN KAPAK SOL KARE KIZAKLI	6	GİOS - 004	LEFT SQUARE SIDE CHASSIS COVER WITH SLIDE
7	M.G 115	MOTOR BAŞI BAĞLANTI APARATI	7	M.G 115	ENGINE HEAD CONNECTION APPARATUS
8	GİOS - 008	KÜPEŞTE PLASTİĞİ(SOL)	8	GİOS - 008	HANDRAIL PLASTIC (LEFT)
9	M.G 138	ZİNCİR	9	M.G 138	CHAIN
10	M.G 156	ZİNCİR BAĞLANTI APARATI	10	M.G 156	CHAIN CONNECTION APPARATUS
11	GİOS - 017	BAZA KÜPEŞTE BİRLEŞTİRME	11	GİOS - 017	BASE-HANDRAIL CONNECTOR
12	GİOS - 018	BAZA KENET BİRLEŞTİRME	12	GİOS - 018	BASE CLAMP CONNECTOR
13	GİOS - 011	BAZA KENET BİRLEŞTİRME PLASTİĞİ	13	GİOS - 011	BASE CLAMP CONNECTOR PLASTIC
14	GİOS - 006	KENET KAPAK KALIBI (SOL)	14	GİOS - 006	CLAMP COVER MOLD (LEFT)
15	G - 022	RAY 1	15	G - 022	RAIL 1
16	GİOS - 015	AÇILIR KANAT ÜST KÖŞE PLASTİĞİ(SOL)	16	GİOS - 015	TOP CORNER PLASTIC OF OPENING PANEL (LEFT)
17	GİOS - 021	İSPANYOLET	17	GİOS - 021	ESPAGNOLETTE LOCK
18	GİOS - 012	PUSH KOL	18	GİOS - 012	PUSH HANDLE
19	GİOS - 002	KÖŞE BİRLEŞTİRME APARATI(SOL)	19	GİOS - 002	CORNER CONNECTION APPARATUS (LEFT)
20	G - 023	RAY 2	20	G - 023	RAIL 2
21	GİOS - 010	RAY KAPAK(SOL)	21	GİOS - 010	RAIL COVER (LEFT)
22	GİOS - 020	TEMİZLENEBİLİR ÇELİK MAKAS(SOL)	22	GİOS - 020	CLEANABLE STEEL HINGE ARM (LEFT)
23	GİOS - 014	AÇILIR KANAT ALT KÖŞE PLASTİĞİ(SOL)	23	GİOS - 014	BOTTOM CORNER PLASTIC OF OPENING PANEL (LEFT)
24	G - 024	AÇILIR KANAT	24	G - 024	OPENING PANEL
25	G - 021	ALT KASA	25	G - 021	BOTTOM FRAME
26	G - 027	ISICAM BAZA	26	G - 027	INSULATED GLASS BASE
27	G - 029	MENTEŞE PROFİLİ	27	G - 029	HINGE PROFILE
28	GİOS - 013	AÇILIR KANAT ALT KÖŞE PLASTİĞİ(SAĞ)	28	GİOS - 013	BOTTOM CORNER PLASTIC OF OPENING PANEL (RIGHT)
29	GİOS - 019	TEMİZLENEBİLİR ÇELİK MAKAS(SAĞ)	29	GİOS - 019	CLEANABLE STEEL HINGE ARM (RIGHT)
30	GİOS - 009	RAY KAPAK(SAĞ)	30	GİOS - 009	RAIL COVER (RIGHT)
31	GİOS - 001	KÖŞE BİRLEŞTİRME PLASTİĞİ(SAĞ)	31	GİOS - 001	CORNER CONNECTION PLASTIC (RIGHT)
32	G - 020	YAN DİKME	32	G - 020	SIDE POST
33	GİOS - 016	AÇILIR KANAT ÜST KÖŞE PLASTİĞİ(SAĞ)	33	GİOS - 016	TOP CORNER PLASTIC OF OPENING PANEL (RIGHT)
34	G - 028	ISICAM KENET	34	G - 028	INSULATED GLASS CLAMP
35	G - 030	YAN KASA KAPAK	35	G - 030	SIDE FRAME COVER
36	GİOS - 005	KENET KAPAK KALIBI (SAĞ)	36	GİOS - 005	CLAMP COVER MOLD (RIGHT)
37	GİOS - 007	KÜPEŞTE PLASTİĞİ(SAĞ)	37	GİOS - 007	HANDRAIL PLASTIC (RIGHT)
38	GİOS - 003	ŞASE YAN KAPAK KARE SAĞ RULMANLI	38	GİOS - 003	RIGHT SQUARE SIDE CHASSIS COVER WITH BEARING
39	M.G 113	BORU BAŞI RULMAN	39	M.G 113	TUBE END BEARING
40	M.G 106	70'LİK PLASTİK BORU BAŞI	40	M.G 106	70 MM PLASTIC TUBE END CAP
41	G - 026	KÜPEŞTE BAĞLANTI	41	G - 026	HANDRAIL CONNECTION
42	G - 025	KÜPEŞTE	42	G - 025	HANDRAIL



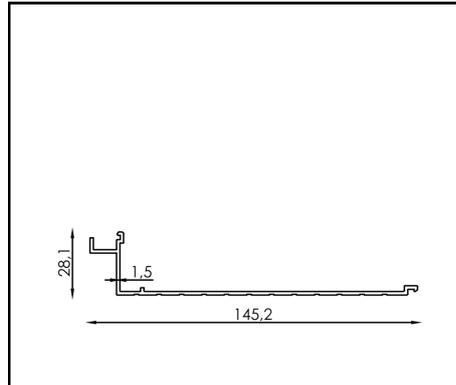
**KARE ŞASE**  
SQUARE FRAME COVER

ÜRÜN KODU /  
PRODUCT CODE

G - 003

AĞIRLIK / WEIGHT

2.322 kg/m



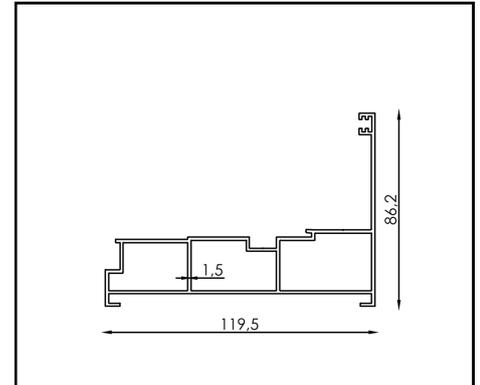
**KARE ŞASE KAPAK**  
SQUARE FRAME COVER

ÜRÜN KODU /  
PRODUCT CODE

G - 004

AĞIRLIK / WEIGHT

0.767 kg/m



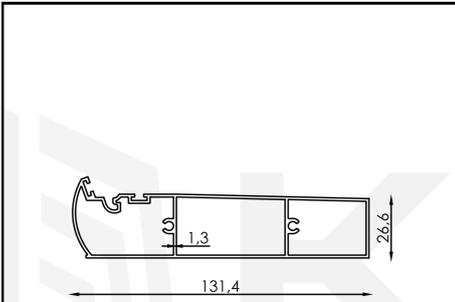
**YAN DİKME**  
SIDE PILLOW

ÜRÜN KODU /  
PRODUCT CODE

G - 020

AĞIRLIK / WEIGHT

1.677 kg/m



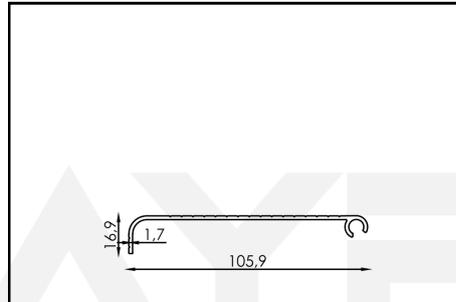
**ALT KASA**  
LOWER CASE

ÜRÜN KODU /  
PRODUCT CODE

G - 021

AĞIRLIK / WEIGHT

1.478 kg/m



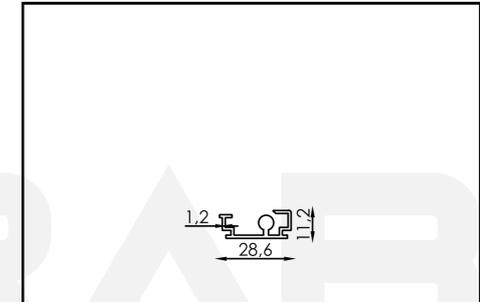
**KÜPEŞTE**  
HANDRAIL

ÜRÜN KODU /  
PRODUCT CODE

G - 025

AĞIRLIK / WEIGHT

0.593 kg/m



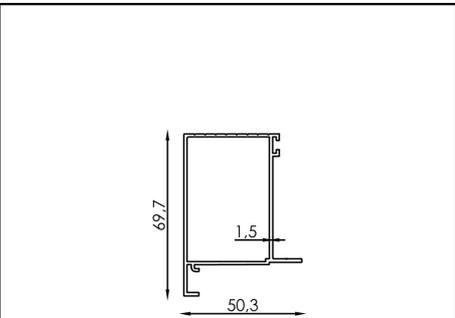
**KÜPEŞTE BAĞLANTI**  
HANDRAIL CONNECTION

ÜRÜN KODU /  
PRODUCT CODE

G - 026

AĞIRLIK / WEIGHT

0.285 kg/m



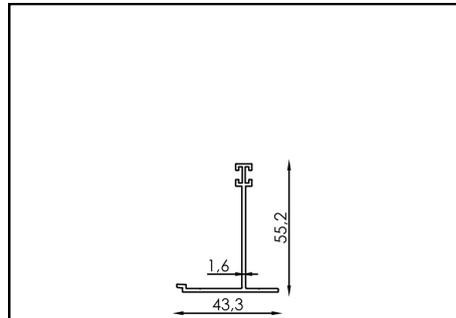
**RAY 1**  
RAIL 1

ÜRÜN KODU /  
PRODUCT CODE

G - 022

AĞIRLIK / WEIGHT

0.834 kg/m



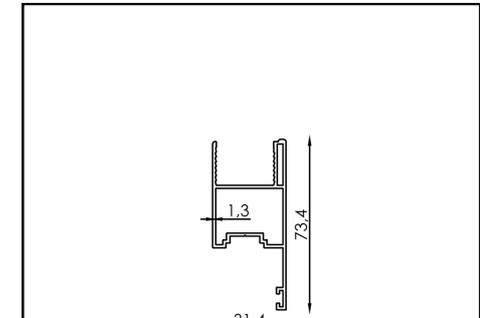
**RAY 2**  
RAIL 2

ÜRÜN KODU /  
PRODUCT CODE

G - 023

AĞIRLIK / WEIGHT

0.467 kg/m



**AÇILIR KANAT**  
OPEN WING

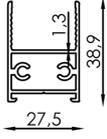
ÜRÜN KODU /  
PRODUCT CODE

G - 024

AĞIRLIK / WEIGHT

0.772 kg/m

# ALÜMİNYUM PROFİL DETAYLARI /ALUMINUM PROFILE DETAILS



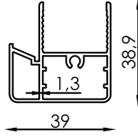
**ISICAM BAZA**  
DOUBLE GLASS BASE

ÜRÜN KODU /  
PRODUCT CODE

G - 027

AĞIRLIK / WEIGHT

0.584 kg/m



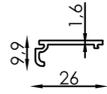
**ISICAM KENET**  
DOUBLE GLASS SEAM

ÜRÜN KODU /  
PRODUCT CODE

G - 028

AĞIRLIK / WEIGHT

0.662 kg/m



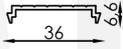
**MENTEŞE**  
HINGE

ÜRÜN KODU /  
PRODUCT CODE

G - 029

AĞIRLIK / WEIGHT

0.160 kg/m



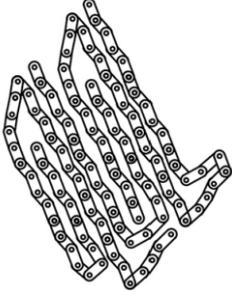
**YAN KASA KAPAK**  
SIDE CASE COVER

ÜRÜN KODU /  
PRODUCT CODE

G - 030

AĞIRLIK / WEIGHT

0.179 kg/m



**ZİNCİR (İNCE)**  
CHAIN (THIN)

ÜRÜN KODU /  
PRODUCT CODE

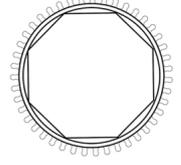
M.G 138



**ZİNCİR BAĞLANTI APARATI  
(İNCE)**  
CHAIN CONNECTION DEVICE (THIN)

ÜRÜN KODU /  
PRODUCT CODE

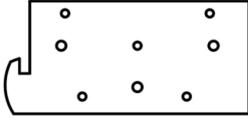
M.G 156



**METAL ZİNCİR DİŞLİSİ**  
METAL CHAIN SPROCKET

ÜRÜN KODU /  
PRODUCT CODE

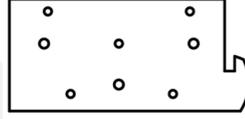
M.G-136



**KÖŞE BİRLEŞTİRME APARATI  
(SAĞ)**  
CORNER JOINING DEVICE (RIGHT)

ÜRÜN KODU /  
PRODUCT CODE

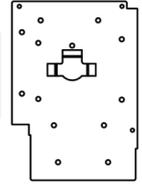
GIOS - 001



**KÖŞE BİRLEŞTİRME APARATI  
(SOL)**  
CORNER JOINING DEVICE (LEFT)

ÜRÜN KODU /  
PRODUCT CODE

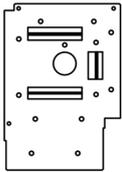
GIOS - 002



**SASE YAN KAPAK KARE SAĞ  
RUMANLI**  
CHASSIS SIDE COVER SQUARE RIGHT

ÜRÜN KODU /  
PRODUCT CODE

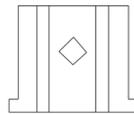
GIOS-003



**ŞASE YAN KAPAK KARE SOL  
KIZAKLI**  
CHASSIS SIDE COVER SQUARE LEFT

ÜRÜN KODU /  
PRODUCT CODE

GIOS-004



**MOTOR BAŞI BAĞLANTI  
APARATI**  
ENGINE HEAD CONNECTION

ÜRÜN KODU /  
PRODUCT CODE

M.G 115



**42\*12 BORU BAŞI RULMAN**  
42\*12 PIPE HEAD BEARING

ÜRÜN KODU /  
PRODUCT CODE

M.G 113



**KENET KAPAK KALIBI (SAĞ)**  
CLAMP COVER MOLD (RIGHT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 005



**KENET KAPAK KALIBI (SOL)**  
CLAMP COVER MOLD (LEFT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS-006



**KÜPEŞTE PLASTİĞİ (SAĞ)**  
HANDRAIL PLASTIC (RIGHT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 007



**KÜPEŞTE PLASTİĞİ (SOL)**  
HANDRAIL PLASTIC (LEFT)

ÜRÜN KODU /  
PRODUCT CODE

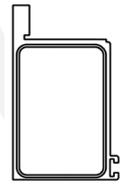
GiOS -008



**RAY KAPAK (SAĞ)**  
RAIL COVER (RIGHT)

ÜRÜN KODU /  
PRODUCT CODE

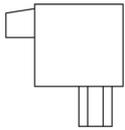
GiOS -009



**RAY KAPAK (SOL)**  
RAIL COVER (LEFT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS -010



**BAZA KENET BİRLEŞTİRME  
PLASTİĞİ**  
BASE CLAMP CONNECTION PLASTIC

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 011



**PUSH KOL**  
PUSH ARM

ÜRÜN KODU /  
PRODUCT CODE

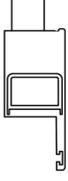
GiOS - 012



**AÇILIR KANAT ALT KÖŞE  
PLASTİĞİ (SAĞ)**  
OPENING WING BOTTOM CORNER  
PLASTIC (RIGHT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 013



**AÇILIR KANAT ALT KÖŞE  
PLASTİĞİ (SOL)**  
OPENING WING BOTTOM CORNER  
PLASTIC (LEFT)

ÜRÜN KODU /  
PRODUCT CODE

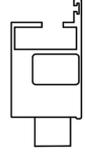
GiOS-014



**AÇILIR KANAT ÜST KÖŞE  
PLASTİĞİ (SOL)**  
OPENING WING TOP CORNER PLASTIC  
(LEFT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 015



**AÇILIR KANAT ÜST KÖŞE  
PLASTİĞİ (SAĞ)**  
OPENING WING TOP CORNER PLASTIC  
(RIGHT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 016



**GiOSOLID BAZA KÜPEŞTE  
BİRLEŞTİRME (METAL)**  
GiOSOLID PLINTH HANDRAIL JOINT  
(METAL)

ÜRÜN KODU /  
PRODUCT CODE

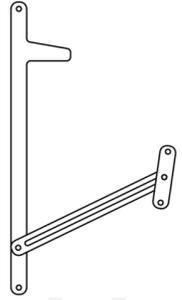
GiOS-017



**GiOSOLID BAZA KENET  
BİRLEŞTİRME (METAL)**  
GiOSOLID PLINT BASE JOINT (METAL)

ÜRÜN KODU /  
PRODUCT CODE

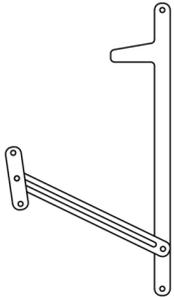
GiOS - 018



**TEMİZLENEBİLİR ÇELİK MAKAS  
(SAĞ)**  
CLEANABLE STEEL SCISSORS (RIGHT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 019



**TEMİZLENEBİLİR ÇELİK MAKAS  
(SOL)**  
CLEANABLE STEEL SCISSORS (LEFT)

ÜRÜN KODU /  
PRODUCT CODE

GiOS - 020



**İSPANYOLET  
ESPANIOLET**

ÜRÜN KODU /  
PRODUCT CODE

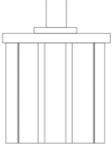
GiOS - 021



**ZAMAK KARŞILIK  
ZAMAK RECIPROCATES**

ÜRÜN KODU /  
PRODUCT CODE

GiOS-022



**70'LİK PLASTİK BORU BAŞI**  
70mm PLASTIC PIPE HEAD

ÜRÜN KODU /  
PRODUCT CODE

M.G 106



**STOP TAPASI**  
STOPPER

ÜRÜN KODU /  
PRODUCT CODE

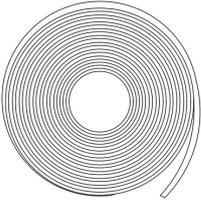
GIOS -023



**GIOSOLID ALT KASA CONTASI**  
GIOSOLID BOTTOM FRAME GASKET

ÜRÜN KODU /  
PRODUCT CODE

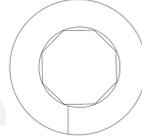
GIOS-024



**TRİGER KAYIŞ (20 mm)**  
TIMING BELT

ÜRÜN KODU /  
PRODUCT CODE

M.G 112



**PLASTİK KASNAK (20 mm)**  
PLASTIC HOOP

ÜRÜN KODU /  
PRODUCT CODE

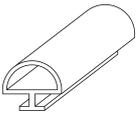
M.G 108



**TRİGER TUTUCU (20 mm)**  
TIMING HOLDER

ÜRÜN KODU /  
PRODUCT CODE

M.G 110



**ŞASE KAPAK CONTASI**  
CHASSIS COVER GASKET

ÜRÜN KODU /  
PRODUCT CODE

M.G 159





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