



**KMCGROUP**





KMCGROUP



ER-Bİ®



ZEREN  
GAYRİMENKUL



## Ziya EREN

KMC GROUP  
Yönetim Kurulu Başkanı / Chairman



### **Kıymetli Dostlar,**

Yıl 1987, KAYSERİ, 35 m<sup>2</sup> dükkan, sadece ticaret, 500 tonluk bir hacim ve tek adam.

Yıl 2018 Kayseri - İstanbul - İzmir - Türkiye - Dünya 200.000 m<sup>2</sup> açık, 100.000 m<sup>2</sup> kapalı alan, tamamen üretim ve çelik servis merkezi, yıllık 700.000 tonluk bir hacim ve her şeyden önemlisi Türkiye ve bana göre dünyanın en genç, en dinamik, çalışmayı ve üretmeyi kendine düstur edinmiş fedakar 600 kişilik KMC ordusu...

KMC Group olarak günümüze kadarki yolculuğumuzun kısaca özeti bu.

Ana ilkemiz çalışanlarımızla ve iş ortaklarımızla (hem tedarikçi, hem müşterilerimiz) paylaşmak ve hep doğrulukla büyümek olmuştur. Acısıyla, tatlısıyla, krizleriyle, heyecanlarıyla bu günlere geldik YILMADIK YIKILMADIK.

"İslam'ın şartı 5, demir çeliğin şartı tekdir o da HADDİNİ BİLMEKTİR" dedik, ülkemizi ve insanlarını sevdik, uzun vadeli sürdürülebilir ilişkilere önem verdik, paylaşmaktan hiç çekinmedik ve bugünlere geldik.

Kısacası demir çelikten kazandık, demir çeliğe harcadık ve demir çelikle büyüdük.

Daha nice yolları birlikte yürümek dileğiyle, sağlıklı kalın, sevgiyle kalın...

### *Dear Friends,*

*Year 1987, Kayseri, a shop of 35 sqm, only trading of 500 tons and one man working alone.*

*Year 2018 Kayseri, Istanbul, Izmir, Turkey and around the world with 200,000 sqm of open 100,000 sqm of closed facility with production and steel service center with volume of 700,000 tons per year and most important of all Turkeys and world most energetic, dinamic, working hard and ethical employees of 600 personal of a KMC workforce...*

*This is the summary of KMC journey up to today.*

*Our main intensives with our worforce and trade partners ( our suppliers and customers) is to share and grow with truth and ethics. With sad, happy days, through crises days, we have reached today, we have not fallen or given up.*

*Islam has 5 must do duties, but steel business has one, to know one's place. We have loved our country and its people and invested on long term relationships, we have never hesitated to share and we have reached this day.*

*Shortly we have earned from steel and we have invested in steel and grew bigger.*

*To walk on the roads furthermore together.  
Stay with love...*

Mekomag is made with ArcelorMittal's  
Magnelis® self-healing metallic coated steel

 **MEKOMAG**  ArcelorMittal



## Hakkımızda

1969 yılında 10.000 m<sup>2</sup> alanda üretim faaliyetlerine başlayan MEKO Metal markası 2011 yılında KMC Group bünyesine katılarak hem ticari tecrübe hemde imalattaki eşsiz deneyimini birleştirerek Torbalı tesislerinde 100.000 m<sup>2</sup> alanda, yıllık 150.000 ton üretim kapasitesiyle dünyadaki teknolojik gelişmeleri takip ederek faaliyetlerine devam etmektedir. Açık ve kenetli profiller konusundaki tecrübe ve bilgi birikimiyle, otomotiv ana sanayisine, mobilya, beyaz eşya, madeni eşya, dekorasyon, ısıtma - soğutma, yapı ve çelik konstrüksiyon, iskele, havlupan, güneş enerjisi, tarım, sulama ve seracılık sektörlerine ürettiği özel profiller ile hizmet vermektedir. Üretimde kullanılan tüm kalıp, aparatların dizaynı ve imalatını kendi bünyesinde gerçekleştirmektedir.

## About

*MEKO Metal had started its production operations in 1969 in 10.000 sqmtr area and continues its operations from 2011 under KMC Group by collaborating their unique commercial & technical production knowledge and experiences in 100.000 sqmtr area in Torbalı-Izmir, with annual production capacity of 150.000 tons by following the worldwide technological developments. With the technical knowledge and experience on open & welded steel profiles, MEKO Metal serves to automotive main industry, furniture, domestic appliance, steel goods, decoration, heating & cooling, air conditioning, civil works & steel construction, scaffolding profiles, heated towel rack, solar energy systems, and agricultural irrigation & greenhouse industries with its specially produced profiles. All the design & production of the molds, tools, rolls etc. that are used in the production process, are done in house by MEKO Metal.*



## Sertifika

Bu belge ile

**KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.**  
Yediyütlü Mah. Ümit Tunçağ Cad. No:5 Torbalı/İZMİR, İZMİR, Turkey

firmanın aşağıda belirtilen Kalite Sistemi standart şartlarını sağlamış olduğu kanıtlanmıştır

**IATF 16949:2016**

Firmanın faaliyet alanı aşağıda belirtilmiştir

**PENCERE VE KAPI PROFİLLERİ ÜRETİMİ (ÜRÜN TASARIMI HARİÇ 8.3)**

<b>Sertifika Numarası:</b> 25767/DD/0001/SM/Tr	<b>Belgelendirme Dönemi Yayın Tarihi:</b> 06 Nisan 2018	<b>Basılma Tarihi:</b> 05 Nisan 2018
<b>Baskı No:</b> 1	<b>Bitiş Tarihi:</b> 04 Nisan 2021	<b>IATF No:</b> 0298222

Belgeyi Veren: Sertifika yöneticisi adına



## Sertifika

Bu belge ile

**KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.**  
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**ISO 9001:2015**

Firmanın faaliyet alanı aşağıda belirtilmiştir

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<b>Baskı No:</b> 1	<b>Bitiş Tarihi:</b> 04 Nisan 2021	

Belgeyi Veren: Sertifika yöneticisi adına



## Certificate of Registration

This certificate has been awarded to

**KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.**  
Yediyütlü Mah. Ümit Tunçağ Cad. No:5 Torbalı/İZMİR, İZMİR, Turkey

in recognition of the organization's Quality Management System which complies with

**IATF 16949:2016**

The scope of activities covered by this certificate is defined below

**Manufacture of Window and Door Profiles (Excludes Product Design under Clause 8.3)**

<b>Certificate Number:</b> 25767/D/0001/SM/En	<b>Date of Issue of Certification Cycle:</b> 06 April 2018	<b>Date of Issue:</b> 05 April 2018
<b>Issue No:</b> 1	<b>Expiry Date:</b> 04 April 2021	<b>IATF No:</b> 0298222

Issued by: On behalf of the Schemes Manager



## Certificate of Registration

This certificate has been awarded to

**KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.**  
Yediyütlü Mah. Ümit Tunçağ Cad. No:5 Torbalı/İZMİR, İZMİR, Turkey

in recognition of the organization's Quality Management System which complies with

**ISO 9001:2015**

The scope of activities covered by this certificate is defined below

**Manufacture of Window and Door Profiles (Excludes Product Design under Clause 8.3)**

<b>Certificate Number:</b> 25767/DD/0001/SM/En	<b>Date of Issue: (Original)</b> 06 April 2018	<b>Date of Issue:</b> 05 April 2018
<b>Issue No:</b> 1	<b>Expiry Date:</b> 04 April 2021	

Issued by: On behalf of the Schemes Manager



# SZUTEST

## FABRİKA ÜRETİM KONTROLÜ UYGUNLUK BELGESİ 2195-CPR-190080

Avrupa Parlamentosu ve Avrupa Birliği Konseyi'nin 9 Mart 2011  
Malzemeleri Yönetmeliği - CPR) uygun olarak verilmiştir. aşağıdaki yapı

### Çelik Yapı Uygulamaları

Kontrol Edilen Performans Karakteristikleri:

- Boyut ve Şekil Toleransları,
- Akma Dayanımı,
- Uzama,
- Çekme Dayanımı

Kapsamlı ilgili özellikler, belgenin ayrılmaz bir parçası olan Ek 1'de tanımlanmıştır.

### KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.

Organize San. Böl. 12.Cad. No:55 Melikgözü

tarafından

### KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.

7 Eylül Mah. Ümit Tunçağ Cad. No:5 Torbalı

adresinde üretilen

Bu sertifika, aşağıda verilen standardın Ek ZA' sında tanımlanan, performans gerekliliklerini karşılamak üzere doğrulanmasına yönelik tüm gerekliliklerin,

**EN 1090-1: 2009+A11**

bu sistem 2+ altında bu sertifikanın ekinde verilen performans özelliklerinin bu performanslar için belirlenmiş olan tüm gerekliliklerinin uygun olduğu tarhinde yayımlanmış olup ilgili uyumlaştırılmış teknik gerekliliklerin değerlendirilmesi ve doğrulanması sistemlerinde, fabrika üretim koşullarında bir değişiklik yapılmadığı müddetçe ve onaylanmış fabrika üretim kontrol sistemi karar alınmadıkça geçerlidir. Belgenin geçerliliği yıllık gözetim denetimlerinden sonra yenilenmektedir. Bu belgenin geçerliliği 08.01.2021

İkinci Sınıf ELİNÇ  
Yapı Mühürleme Departmanı Yöneticisi

**SZUTEST UYGUNLUK DEĞERLENDİRME**  
Tatlısu Mahallesi Akif İnan Sok. No:1 Ümraniye 34778  
İstanbul - Türkiye  
Szutest.com.tr

# SZUTEST

## Certificate of Conformity Factory Production Control 2195-CPR-190080

In compliance with Regulation 305/2011/EU of the European Parliament and Council (the Construction Products Regulation or CPR), this certificate applies to the

### Components of Execution of

- Controlled Performance Characteristics:
- Dimension and Shape Tolerances,
  - Yield Strength,
  - Elongation,
  - Tensile Strength.

Properties related to the scope are given in Annex 1 as an inseparable part of this certificate.

produced by the manufacturer

### KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.

Organize San. Böl. 12.Cad. No:55 Melikgözü

and produced in the manufacturing plant

### KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.

7 Eylül Mah. Ümit Tunçağ Cad. No:5 Torbalı

This certificate attests that all provisions concerning the assessment and verification of the factory production control system described in Annex ZA of the standard(s)

**EN 1090-1:2009+A11**

under system 2+ are applied and that the factory production control is in accordance with the requirements. This certificate was first issued on 08.01.2019 and will be renewed in accordance with the requirements of the standard, the construction product, the assessment and verification of the factory production control certification body. The certificate is supported through surveillance audits, this certificate should be reissued not later than 08.01.2021

İkinci Sınıf ELİNÇ  
Head of Construction Products Department

**SZUTEST UYGUNLUK DEĞERLENDİRME**  
Tatlısu Mahallesi Akif İnan Sok. No:1 Ümraniye 34778  
İstanbul - Türkiye  
Szutest.com.tr



## KONTROLÜ LGESİ

2011  
Tarihli 305/2011/AB sayılı Yönetmelğe (Yapı  
malzemelerine uygulanır

### Bileşenleri

edilmektedir.

N. VE TİC. A.Ş.

gazi / Kayseri – Türkiye

N. VE TİC. A.Ş.

Orbalı / İzmir – Türkiye

performans değişmezliğinin değerlendirilmesi ve

2011

uygulandığının ve Fabrika Üretim Kontrolünün,  
unun kanıtıdır. Bu belge, ilk olarak 08.01.2019  
iler sağlandı, performans değişmezliğinin  
arında veya fabrika üretim kontrolünde önemli  
li belgelendirme kuruluşu tarafından askı veya  
lenetimleri ile sağlanmakta ve her yıl gözetim  
2020 tarihine kadardır.

oneticisi

İRME A.Ş.

4 İSTANBUL / TÜRKİYE

## SZUTEST

### FABRİKA ÜRETİM KONTROLÜ UYGUNLUK BELGESİ

2195-CPR-1900801

Ek 1

**Firma Unvanı:** KAYSERİ METAL CENTER SAN. VE TİC. A.Ş.

**Firma Üretim Adresi:** 7 Eylül Mah. Ümit Tunçağ Cad. No:5 Torbalı / İzmir – Türkiye

**CE Markalama Metodu:** EN 1090-1: 2009 + A1: 2011 standardına göre ZA. 3.2

**İlgili Standartlar:**

EN 1090-1: 2009 + A1:2011

EN 1090-2: 2018

**Uygulama Sınıfı:**

EN 1090-1: 2009 + A1: 2011 standardına göre EXC 3

**Kaynak Prosesleri (EN ISO 4063):**

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**Ana Malzeme:**

CEN ISO/TR 15608 standardına göre 1.2 Malzeme grubu ve EN 10162 standardına göre Soğuk haddelenmiş çelik profiller

**Fabrika Üretim Kontrol Sorumlusu:**

Reşat ERALTUĞ



SZUTEST UYGUNLUK DEĞERLENDİRME A.Ş.

Tatlısu Mahallesi Akif İnan Sok. No:1 Umranıye 34774 İSTANBUL / TÜRKİYE

Szutest.com.tr



## Kalite Politikamız

KMC Grup olarak amacımız, MEKO METAL markası ile özel profiller ve otomotiv profilleri üretiminde iç ve dış pazarda güvenilir şirketler arasında yer almaktır. Bu anlamda kalite politikamız, müşteri beklentilerini karşılayan ürünlerimizi, zamanında, güvenilir koşullarda ve kaliteli üreterek, müşteri memnuniyetini sürekli kılmaktır.

Kalite sistemimiz ISO 9001 ve TS/ISO 16949 standartlarına uygun olarak belgelendirilmiştir.

## Our Quality Policy

*The main objective of KMC Group is to be prestigious and trustworthy organization on the manufacturing of special profiles in both domestic & international market with the trademark of MEKO Metal. In this meaning, our quality policy is to produce our products, which meet our customers' expectations, in reliable conditions, in good quality and on time in order to maintain the customer satisfaction.*

*Our quality system is certified according to the standards of ISO/TS 16949 and ISO9001.*



## Conformity of the Production Control

2011  
Decision and of the Council of 9 March 2011 (the  
construction product

### Steel Structures

part of this certificate.

N. VE TİC. A.Ş.

gazi / Kayseri – Turkey

ing plant

N. VE TİC. A.Ş.

Orbalı / İzmir –Turkey

of verification of constancy of performance

2011

assessed to be in conformity with the applicable  
remain valid as long as neither the harmonised  
constancy of performance methods nor the  
suspended or withdrawn by the notified factory  
annual surveillance audit and is reissued after  
08.01.2020.

partment

İRME A.Ş.

4 İSTANBUL / TÜRKİYE

## SZUTEST

### Certificate of Conformity of the Factory Production Control

2195-CPR-1900801

Annex 1

**Company Name:** KAYSERİ METAL CENTER SAN. VE TİC. A.Ş.

**Company Manufacturing Address:** 7 Eylül Mah. Ümit Tunçağ Cad. No:5 Torbalı / İzmir – Turkey

**CE Marking Method:** ZA.3.2 according to EN 1090-1: 2009 + A1: 2011

**Related Standards:**

EN 1090-1: 2009 + A1:2011

EN 1090-2: 2018

**Execution class:**

Up to EXC 3 according to EN 1090-1: 2009 + A1: 2011

**Welding Process (es) (EN ISO 4063):**

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**Basic material(s):**

Material groups 1.2 according to CEN ISO/TR 15608 and EN 10162 Cold rolled steel sections

**Responsible Person of Factory Production Control:**

Reşat ERALTUĞ



SZUTEST UYGUNLUK DEĞERLENDİRME A.Ş.

Tatlısu Mahallesi Akif İnan Sok. No:1 Umranıye 34774 İSTANBUL / TÜRKİYE

Szutest.com.tr



ISO / TS 16949 : 2002





## Laboratuvar ve AR-GE

Kendi laboratuvarlarımız ve AR-GE merkezimizle hammadde girişinden, mamül çıkışına kadar gerekli fiziksel ve kimyasal testleri yaparak, öncelikli kalite anlayışımızı sürdürmekteyiz.

### *Technical Laboratory & Research and Development (R&D)*

*We maintain our quality perspective by performing physical & chemical tests in our own in house laboratories and R&D center, from raw material to finished products.*

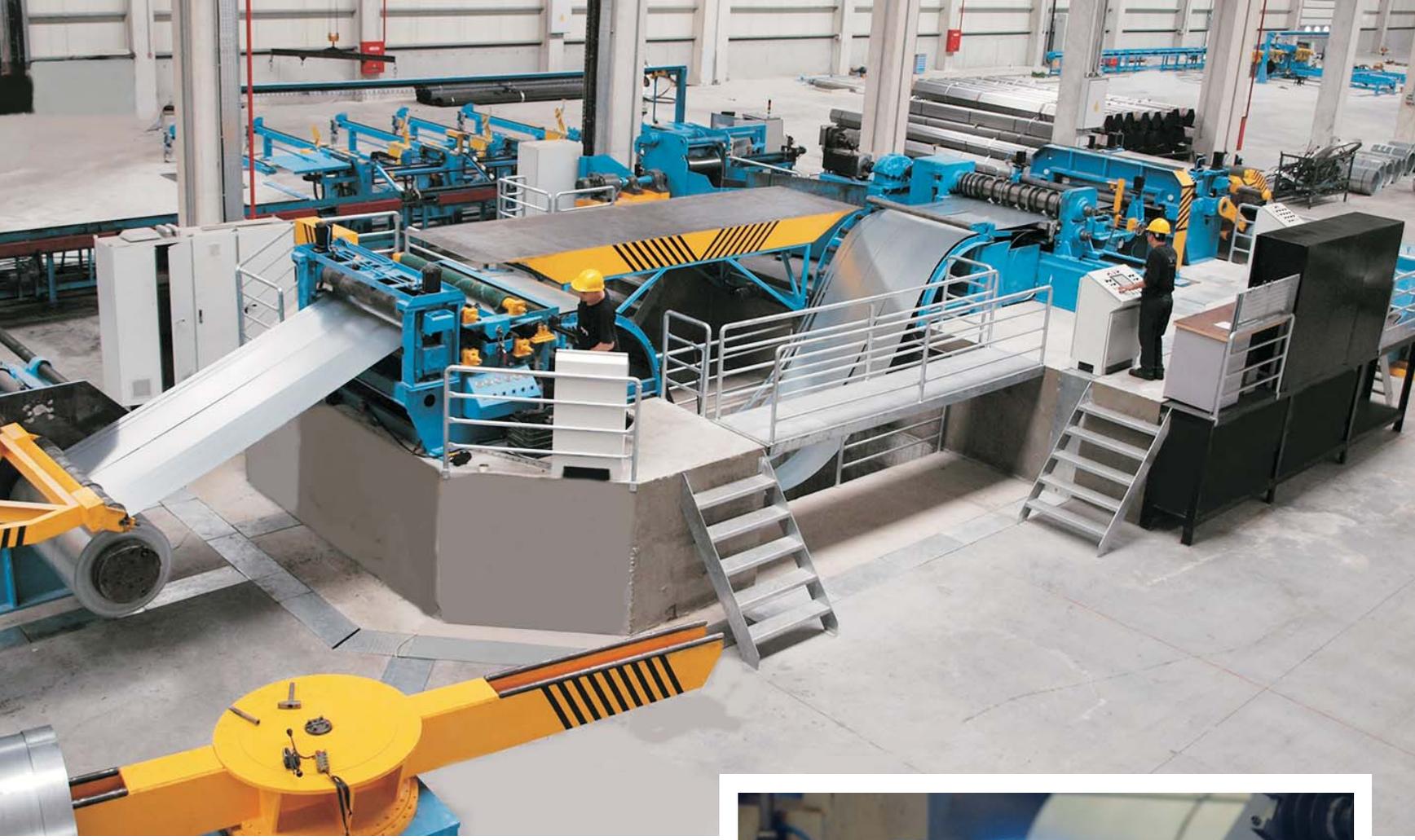


## Kalıphane

Kalıp ve aparatlarımızın tasarımı ve üretimi kendi teknik ekibimiz tarafından yapılmaktadır.

### *Tooling*

*The design and production of our molds and fixtures, that are using in every stage of the production, are produced by our own experienced technical team.*

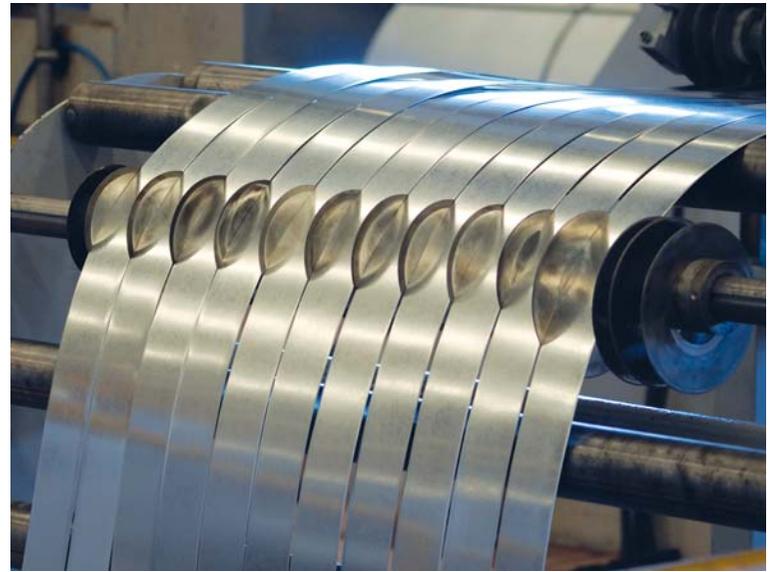


## Rulo Sac Dilme

Minimum ve Maksimum sac kalınlığı: 0.40 - 4.00 mm.  
Maksimum rulo genişliği: 1600 mm.  
Maksimum rulo ağırlığı: 30.000 kg  
Rulo saclar istenilen ebatlarda plaka veya şerit haline getirilmektedir.

## Slitting of Steel Coils

Minimum and Maximum thickness: 0,40 - 4,00 mm  
Maximum Coil Width: 1600 mm  
Maximum coil weight: 30.000 kg  
Steel Coils are slitted to sheet and strips, according to the requested sizes.





## Rulo Boy Kesme

Minimum ve Maksimum sac kalınlığı: 0.40 - 15.00 mm.  
Maksimum rulo genişliği: 2000 mm.  
Maksimum rulo ağırlığı: 30.000 kg  
Rulo saclar istenilen ebatlarda plaka veya şerit haline getirilmektedir.

## Cutting to Length

*Minimum and Maximum thickness: 0,40 - 15,00 mm  
Maximum Coil Width: 2000 mm  
Maximum coil weight : 30.000 kg  
Steel Coils are slitted to sheet and strips, according to the requested sizes.*



8 mm ROLLFORM



## Açık ve Kenetli Profil Üretimi

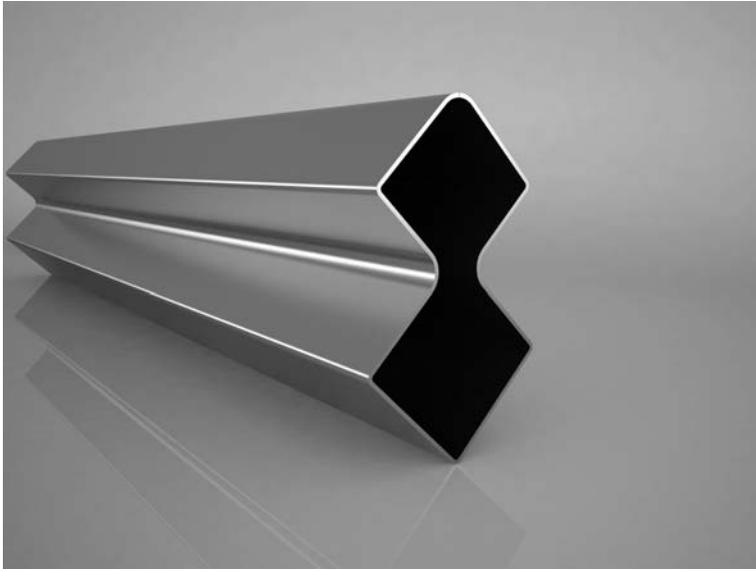
Şekillendirilebilen maksimum sac kalınlığı: 8.00 mm.  
Maksimum bant genişliği: 1000 mm.  
Galvanizli ve boyalı sacdan açık profiller,  
İstenilen boyda üretim,  
Profillendirme öncesi delme operasyonları,  
İstenilen her kesitte özel profil,  
Profil sonrası bükme ve diğer mekanik prosesler.

## Production of Open and Clamped Profiles

Maximum thickness which can be shaped is : 8.00 mm.  
Maximum strip width : 1000 mm.  
Open profiles made of galvanized and painted steel sheet,  
Production of any required length,  
Punching operations before roll forming,  
Special profiles of any required cross-section,  
Bending and other mechanic operations after roll forming.



8 mm ROLLFORM



## Dikişli Profil Üretimi

Minimum ve maksimum sac kalınlığı: 0.40 - 6.00 mm.  
Boru üretim çap aralığı: Ø10 - Ø193 mm.  
Profil üretim aralığı: 10x10 - 150x150 mm.  
Galvanizli profil ve boru üretiminde kaynak yerinin tekrar çinko ile kaplanması,  
Özel kesitlerde profil çekimleri,  
Şekillendirme öncesi malzeme bant halindeyken delme ve kesme operasyonları,  
Şekillendirme sonrası bükme ve mekanik işlemler.

## Production of Seam Welded Profile

Minimum and maximum thickness: 0.40 - 6.00 mm.  
Minimum and maximum diameter of tubes: Ø10 - Ø193 mm.  
Minimum and maximum sizes of rectangular and square profiles : 10x10 - 150x150mm.  
Coating the welding seam with zinc on galvanized profiles and tubes,  
Punching and cutting operations before roll-forming,  
Bending and mechanic operations after roll-forming.



## Profil Kesme - Delme - Bükme Kaynak Uygulamaları

Standart boru ve profil bükme makinalarında bükme, Özel bükme şekilleri için kendi bünyemizde tasarlanan ve üretilen makine ve kalıplarla üçboyutlu bükme, Üretilen boru, profil ve açık profiller üzerinde istenilen kesme ve delme işlemlerinin özel kalıplarla veya gerekirse özel imal edilecek hidrolik veya pnömatik makinalarla yapılması, CNC testerele ile profillerin istenen boylarda kesilmesi.



## Cutting - Punching - Bending Welding Applications

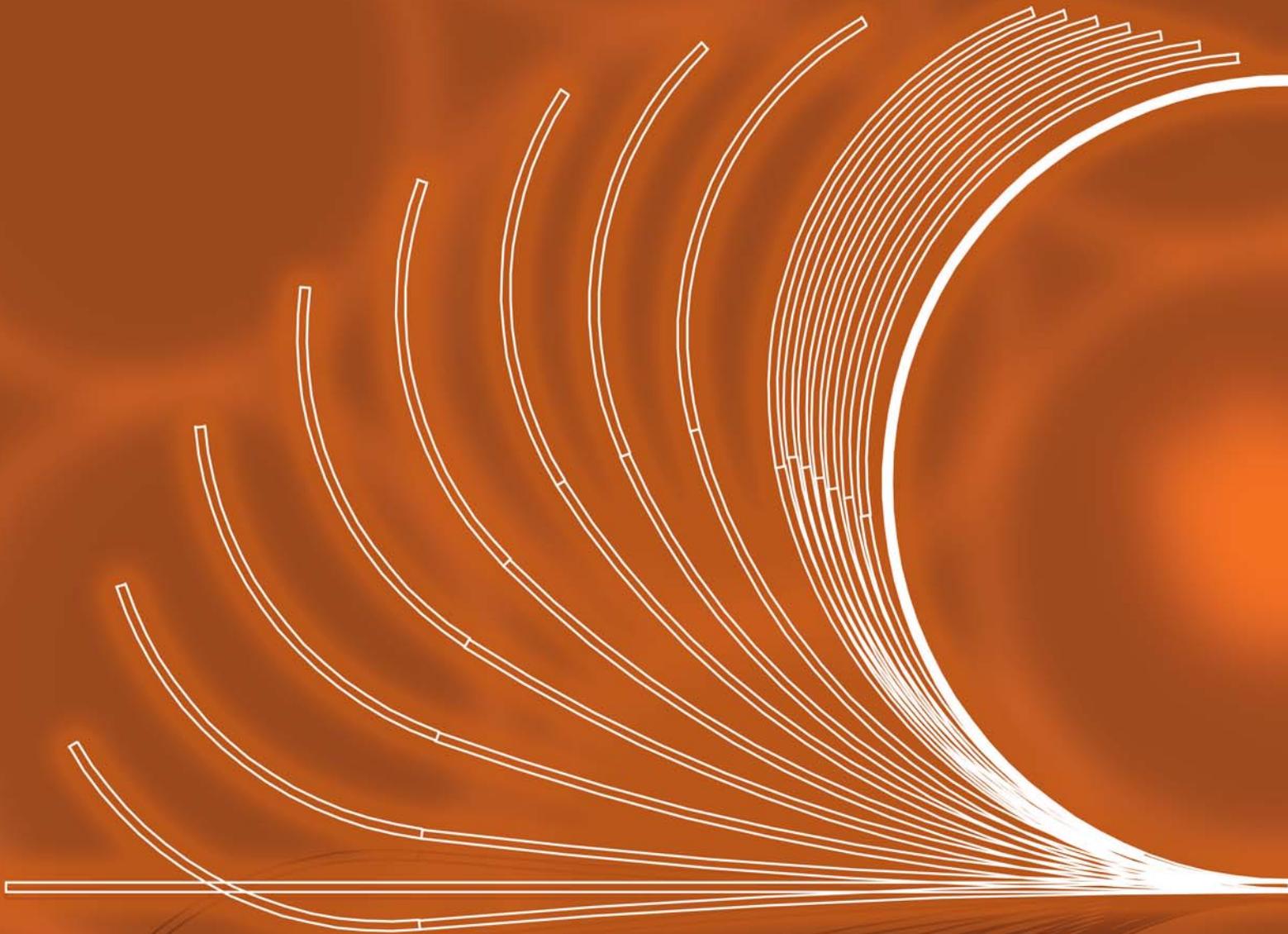
*Bending with standard tube and profile bending machines, Cutting and punching operations on all profiles with special templates or if it is necessary by hydraulic or pneumatic machines that can be designed and produced ourselves, Cutting of the profiles done with CNC saws in requested length.*





**Kaynaklı Ürünler**  
*Welded Products*





**KMCGROUP**



**MEKOMETAL**

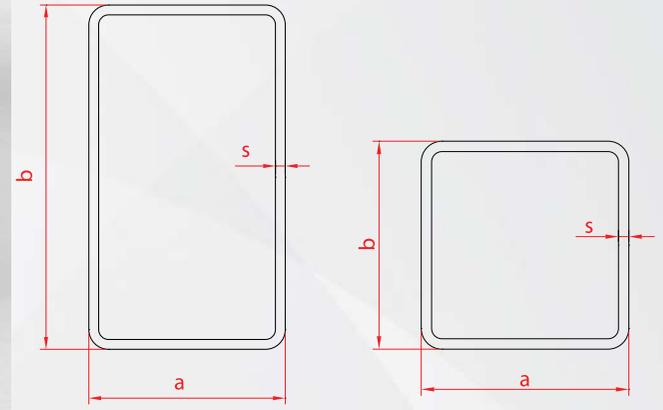
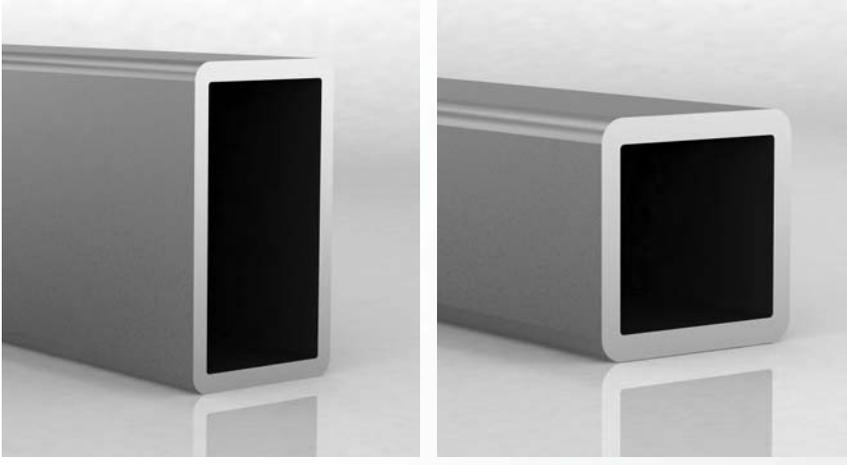
# STANDART BORU ve PROFİLLER

## Standard Tubes and Profiles

KMC Group olarak MEKO markası ile ürettiğimiz boru profillerde mobilya, beyaz eşya, otomotiv, madeni eşya, dekorasyon, ısıtma – soğutma, yapı ve çelik konstrüksiyon profilleri, iskele profilleri, havlupan, güneş enerjisi, tarım, sulama ve seracılık gibi birçok farklı sektörde hizmet vermekteyiz. Dkp, galvaniz, sıcak ve talebe göre boyalı ürünlerde yıllık 150 bin ton kapasitemiz ve yarım asırlık tecrübemiz ile sizlere daha iyi hizmet verebilmek için teknolojiyi yakından takip ederek ticari hayatımıza istikrarlı bir şekilde devam etmekteyiz. Önce kalite anlayışıyla devam ettiğimiz üretim hayatımızı kendi laboratuvarlarımızda hammadde girişinden, mamül çıkışına kadar gerekli fiziksel ve kimyasal testler ile destekleyerek, üretimde EC (Eddy Current), sızdırmazlık, galvaniz püskürtme ve iç çapak alma prosesi gibi uygulamalarında kullanarak gerçekleştirmekteyiz. Özel ölçülerdeki talepleriniz CNC ve çoklu testereler ile bilgisayar kontrollü kesilebilmektedir. Sahip olduğumuz ISO 9001 ve IATF 16949 kalite belgeleriyle çevreye saygılı, iş ve işçi güvenliğine önem vererek sizlere hizmet sunmaktayız.

*As KMC Group, we serve to automotive main industry, furniture, domestic appliance, steel goods, decoration, heating & cooling, air conditioning, civil works & steel construction, scaffolding profiles, heated towel rack, solar energy systems, and agricultural irrigation & greenhouse industries by specially produced profiles with MEKO Brand. We continue to our stabilized commercial life for over half century, with annually 150 thousand trade capacity of Carbon Steel, Galvanized, Hot Rolled and pre-painted on demand and following the latest technology in order to serve you better. We maintain our quality perspective by performing physical & chemical tests in our own in house laboratories and R&D center, from raw material to finished products, using EC (Eddy Current), leak proof test, zinc spray coating on welding point and internal deburring processes. Your special cut to length requirements can be done in our computer controlled CNC and multi saw lines. We provide our best of services to you with ISO 9001 and IATF 16949 quality certificates being environmentally friendly and mindful to labors and occupational safety measurements.*

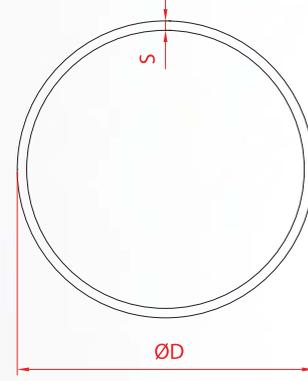
# DİKDÖRTGEN ve KARE PROFİLLER *Rectengular & Square Profiles*



ÖLÇÜLER / Dimensions			(S) SAC KALINLIĞI / Thickness (mm)														
DIŞ ÇAP			0,50	0,60	0,70	0,80	0,90	1,00	1,20	1,50	2,00	2,50	3,00	4,00	5,00	6,00	8,00
a x b (mm)			AĞIRLIK / Weight Kg/m														
10x10			0,161	0,193	0,225	0,257	0,290	0,322	0,386								
12x12			0,188	0,226	0,264	0,301	0,339	0,377	0,452	0,565							
12,7x12,7			0,196	0,236	0,275	0,314	0,353	0,393	0,471	0,589							
10x20	15x15		0,236	0,283	0,330	0,377	0,424	0,471	0,565	0,695							
10x30	15x25	20x20	0,310	0,372	0,434	0,496	0,558	0,620	0,744	0,918	1,225						
20x30	25x25	11x40	0,389	0,466	0,544	0,622	0,699	0,777	0,933	1,154	1,539						
20x40	30x30		0,467	0,560	0,654	0,747	0,841	0,934	1,121	1,389	1,853						
25x40					0,709	0,810	0,911	1,013	1,215	1,507	2,010						
30x40	35x35				0,764	0,873	0,982	1,091	1,300	1,625	2,167	2,689	3,226				
30x50	40x40				0,868	0,992	1,116	1,225	1,470	1,825	2,434	3,022	3,627	4,804			
30x60	40x50	45x45			0,967	1,105	1,243	1,382	1,658	2,061	2,748	3,415	4,098	5,432			
40x60	50x50	30x70			1,077	1,231	1,385	1,539	1,846	2,296	3,062	3,807	4,569	6,060			
40x80	50x70	60x60			1,297	1,482	1,667	1,853	2,223	2,767	3,690	4,592	5,511	7,316			
60x80	70x70				1,517	1,733	1,950	2,167	2,600	3,238	4,318	5,377	6,453	8,572			
50x100										3,462	4,616	5,770	6,900	9,200			
60x100	80x80									3,709	4,946	6,182	7,395	9,828			
60x120											5,526	6,888	8,243	10,990			
80x120	100x100									4,628	6,154	7,693	9,208	12,246	15,268	18,275	24,241
80x140	110x110										6,814	8,517	10,197	13,565	16,917	20,253	26,941
120x120	80x160										7,458	9,322	11,163	14,852	18,526	22,184	29,453
100x150											7,756	9,695	11,610	15,449	19,272	23,079	30,646
150x150	100x200										9,326	11,657	13,965	18,589	23,197	27,789	36,926

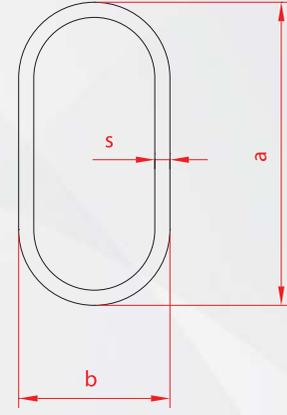
Yukarıda belirtilen ölçüler dışındaki siparişleriniz için bizim ile irtibat kurunuz.  
Please contact us for your orders except for the mentioned measures above.





ÖLÇÜLER Dimensions	(S) SAC KALINLIĞI / Thickness (mm)															
DIŞ ÇAP d (mm)	0,50	0,60	0,70	0,80	0,90	1,00	1,20	1,50	2,00	2,50	3,00	3,50	4,00	5,00	6,00	8,00
	AĞIRLIK / Weight Kg/m															
10	0,126	0,151	0,176	0,201	0,226	0,251										
12	0,149	0,179	0,209	0,239	0,268	0,298										
13	0,161	0,193	0,225	0,257	0,290	0,322	0,377									
14	0,173	0,207	0,242	0,276	0,311	0,345	0,405	0,506								
16	0,196	0,236	0,275	0,314	0,353	0,393	0,462	0,565	0,754							
17	0,208	0,250	0,291	0,333	0,374	0,416	0,490	0,601	0,785							
18	0,224	0,268	0,313	0,358	0,403	0,447	0,528	0,648	0,848							
20	0,247	0,297	0,346	0,396	0,445	0,495	0,584	0,730	0,958							
21	0,259	0,311	0,363	0,414	0,466	0,518	0,612	0,742	0,989							
22	0,271	0,325	0,379	0,433	0,487	0,542	0,650	0,801	1,068							
23,5	0,290	0,349	0,407	0,465	0,523	0,581	0,697	0,860	1,146							
25	0,310	0,372	0,434	0,496	0,558	0,612	0,735	0,918	1,225							
27	0,330	0,396	0,462	0,528	0,593	0,659	0,791	0,977	1,303							
28	0,345	0,414	0,484	0,553	0,622	0,691	0,829	1,024	1,366							
28,6	0,353	0,424	0,495	0,565	0,636	0,707	0,838	1,036	1,382							
30	0,369	0,443	0,517	0,590	0,664	0,738	0,885	1,095	1,460							
32	0,389	0,466	0,544	0,622	0,699	0,769	0,923	1,154	1,539							
34	0,396	0,476	0,555	0,634	0,714	0,793	0,942	1,178	1,570							
35	0,420	0,504	0,588	0,672	0,756	0,840	1,008	1,248	1,664							
38	0,467	0,560	0,654	0,747	0,841	0,934	1,112	1,389	1,853							
40		0,593	0,692	0,791	0,890	0,981	1,178	1,460	1,915							
42				0,816	0,918	1,021	1,215	1,507	2,010							
45				0,873	0,982	1,091	1,309	1,625	2,167							
48				0,942	1,060	1,178	1,413	1,743	2,324	2,905	3,462					
51					1,102	1,217	1,451	1,813	2,418	3,022	3,603					
54						1,303	1,554	1,943	2,575	3,219	3,839					
57						1,397	1,677	2,096	2,779	3,454	4,121					
60						1,460	1,752	2,190	2,920	3,631	4,357					
63								2,296	3,062	3,807	4,545					
70								2,543	3,391	4,219	5,040	5,880	6,688			
76									3,690	4,612	5,511	6,402	7,285			
82									4,004	5,004	5,982	6,979	7,944			
89									4,318	5,397	6,453	7,528	8,572			
94									4,632	5,789	6,924	8,078	9,200			
102									4,946	6,182	7,395	8,627	9,828			
114									5,574	6,967	8,337	9,726	11,084			
127									6,202	7,752	9,279	10,825	12,340	15,386	18,416	24,429
139									6,814	8,517	10,197	11,897	13,565	16,917	20,253	26,878
152									7,442	9,302	11,139	12,996	14,821	18,487	22,137	29,390
159									7,772	9,714	11,634	13,573	15,480	19,311	23,126	30,709
168									8,211	10,264	12,293	14,342	16,359	20,410	24,445	32,468
191									9,342	11,677	13,989	16,320	18,620	23,236	27,836	37,052

Yukarıda belirtilen ölçüler dışındaki siparişleriniz için bizim ile irtibat kurunuz.  
Please contact us for your orders except for the mentioned measures above.



ÖLÇÜLER Dimensions	(S) SAC KALINLIĞI / Thickness (mm)						
	0,80	0,90	1,00	1,20	1,50	2,00	3,00
a x b (mm)	AĞIRLIK / Weight Kg/m						
14x8	0,239	0,268	0,298	0,358	0,447		
16x8	0,257	0,290	0,322	0,386	0,483		
20x10	0,314	0,353	0,393	0,471	0,577	0,769	
25x15	0,414	0,466	0,518	0,622	0,777	1,005	
30x10	0,433	0,487	0,542	0,650	0,812	1,036	
30x15	0,490	0,551	0,612	0,735	0,918	1,225	
30x70		1,258	1,397	1,677	2,096	2,795	4,192
35x15	0,553	0,622	0,691	0,829	1,036	1,382	
35x20	0,590	0,664	0,738	0,885	1,107	1,476	
40x20	0,653	0,735	0,816	0,980	1,213	1,601	

Yukarıda belirtilen ölçüler dışındaki siparişleriniz için bizim ile irtibat kurunuz.  
Please contact us for your orders except for the mentioned measures above.

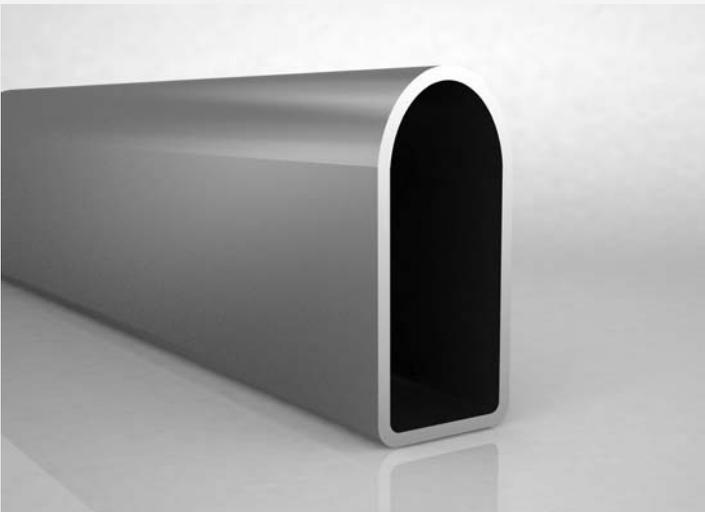
ÖLÇÜLER Dimensions	(S) SAC KALINLIĞI / Thickness (mm)						
	0,80	0,90	1,00	1,20	1,50	2,00	3,00
a x b (mm)	AĞIRLIK / Weight Kg/m						
45x15	0,685	0,770	0,856	1,027	1,272	1,680	
48x20	0,747	0,841	0,934	1,112	1,389	1,853	
50x20	0,772	0,869	0,966	1,159	1,448	1,915	
50x25		0,904	1,005	1,206	1,507	2,010	2,991
50x30		0,904	1,005	1,206	1,507	2,010	2,991
55x25		0,975	1,083	1,300	1,625	2,167	3,226
60x20		0,975	1,083	1,300	1,625	2,167	
60x30			1,209	1,451	1,813	2,418	3,603
63x50			1,413	1,696	2,120	2,826	4,215
68x50			1,515	1,818	2,273	3,030	4,522
80x25				1,752	2,190	2,920	4,380

Yukarıda belirtilen ölçüler dışındaki siparişleriniz için bizim ile irtibat kurunuz.  
Please contact us for your orders except for the mentioned measures above.



D PROFİLLER

D Profiles



ÖLÇÜLER Dimensions	(S) SAC KALINLIĞI / Thickness (mm)							
	0,60	0,70	0,80	0,90	1,00	1,20	1,50	2,00
DIŞ ÇAP	AĞIRLIK / Weight Kg/m							
a x b (mm)	AĞIRLIK / Weight Kg/m							
30x20			0,576	0,646	0,715	0,852	1,050	1,250
30x15			0,528	0,593	0,659	0,791	0,989	1,287
30x40			0,754	0,848	0,942	1,130	1,413	1,884
35x20			0,615	0,69	0,764	0,912	1,120	1,340
40x20			0,694	0,779	0,863	1,030	1,270	1,520
38x26			0,747	0,841	0,934	1,112	1,389	1,853
40x30					0,962	1,148	1,425	1,696
50x25					1,083	1,300	1,625	2,167
60x50					1,510	1,812	2,265	3,020

Yukarıda belirtilen ölçüler dışındaki siparişleriniz için bizim ile irtibat kurunuz.  
Please contact us for your orders except for the mentioned measures above.





# ÖZEL PROFİLLER

## Specials Profiles

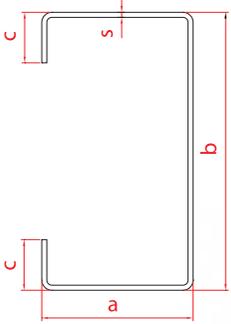
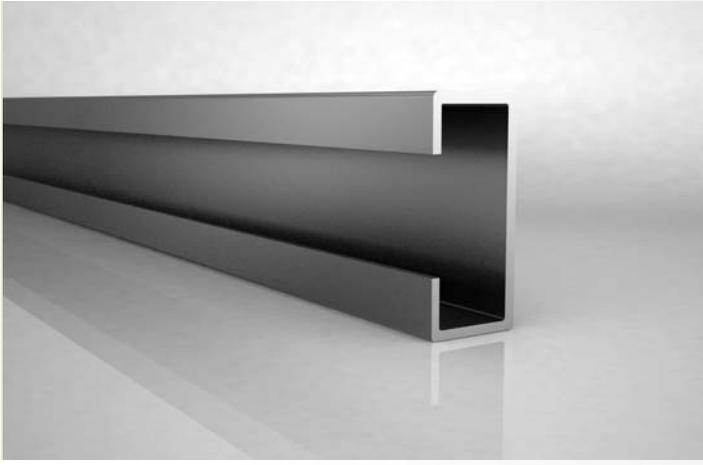
- C ve U profilleri
- Özel kesitli boru ve profiller
- Klima santrali konstrüksiyon profilleri
- Mobilya sektörü profilleri
- Raf profilleri
- Konveyör profilleri
- Jaluzi profilleri
- Kepen ve tambur profilleri (sekizgen kesitli)

- C & U profiles
- Tubes and profiles in special cross-section,
- Air conditioning plant's construction profiles
- Profiles for furniture Industry
- Shelving profiles
- Conveyor profiles
- Roller blinds & awnings' profiles
- Roller shutter profiles (octagonal shaped)

Kalıp ve aparatlarımızın tasarımı ve üretimi kendi teknik ekibimiz tarafından yapılmaktadır. Taleplerinize uygun özel kesitli ürünlerde delme, bükme, ezme, sıvama, uç boşaltma vb. işlemler ile yarı mamül ve mamül üretimi yapılabilmektedir.

*The design and production of our molds and fixtures that are using in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.*

## C PROFİLLER C Profiles

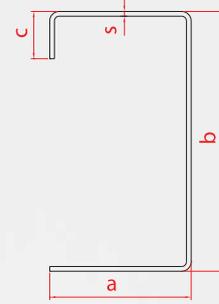
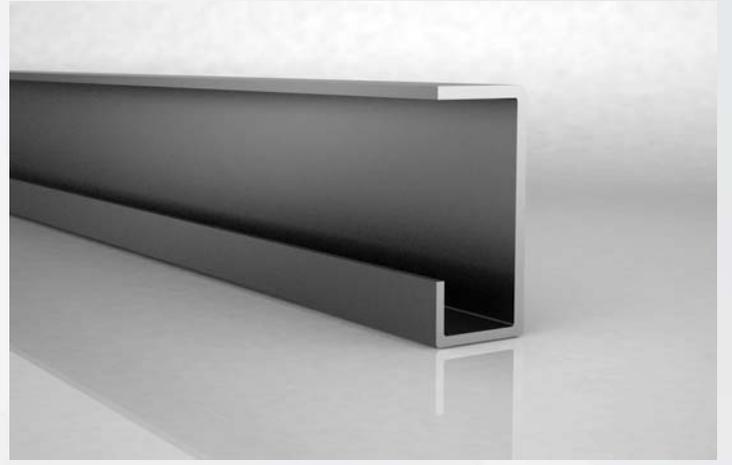


Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	S (mm)
Min.	5	10	10	0,5
Max.	245	500	150	8

Yukarıda minimum ve maksimum ölçüleri verilen C profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

## C PROFİLLER C Profiles

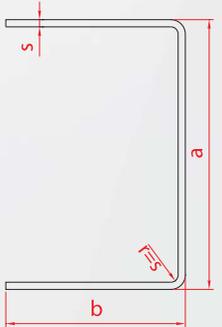
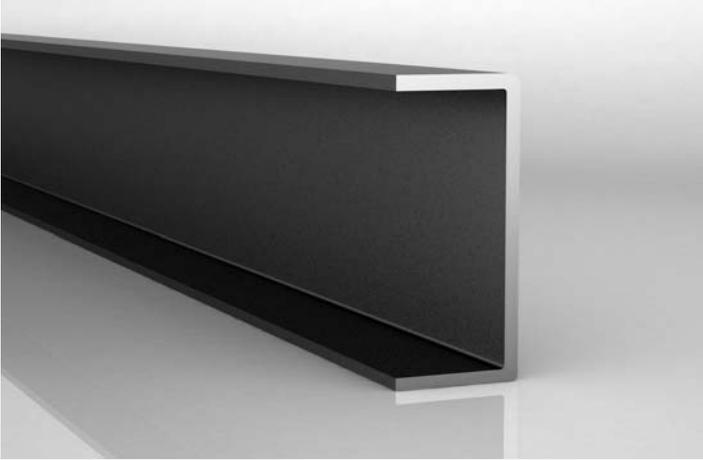


Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	S (mm)
Min.	5	10	10	0,5
Max.	245	500	150	8

Yukarıda minimum ve maksimum ölçüleri verilen C profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

## U PROFİLLER U Profiles

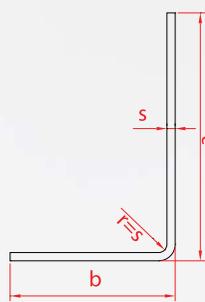


Ölçüler Dimensions	A (mm)	B (mm)	S (mm)
Min.	5	10	0,5
Max.	500	245	8

Yukarıda minimum ve maksimum ölçüleri verilen U profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of U profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

## L PROFİLLER L Profiles



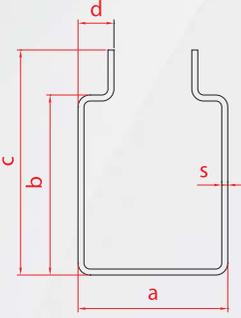
Ölçüler Dimensions	A (mm)	B (mm)	S (mm)
Min.	10	5	0,5
Max.	500	245	8

Yukarıda minimum ve maksimum ölçüleri verilen L profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of L profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

## STANDART AÇIK PROFİLLER

Standard Open Shaped Profiles



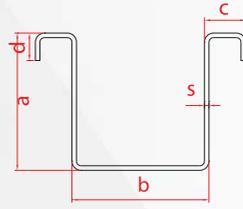
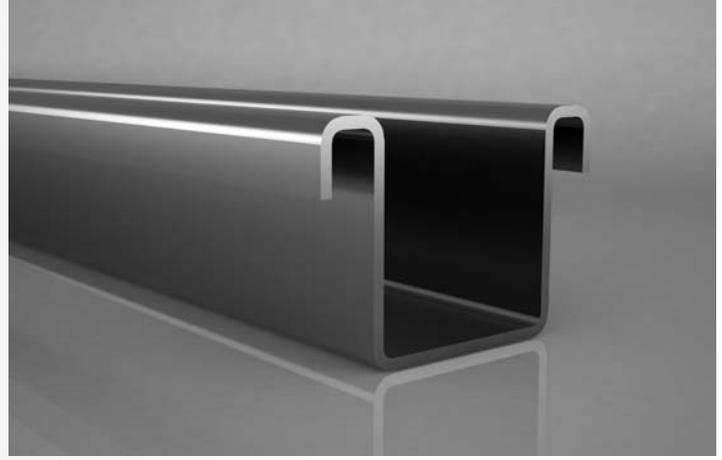
Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	D (mm)	S (mm)
Min.	30	30	55	8	0,5
Max.	400	230	245	150	8

Yukarıda minimum ve maksimum ölçüleri verilen profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

## STANDART AÇIK PROFİLLER

Standard Open Shaped Profiles



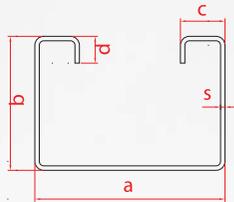
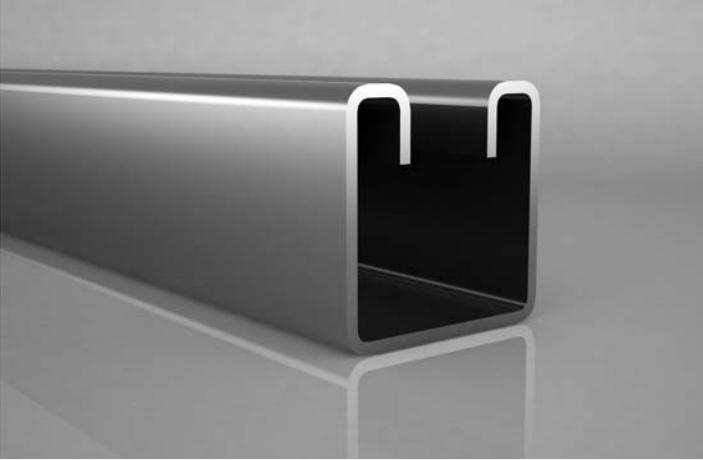
Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	D (mm)	S (mm)
Min.	20	20	10	5	0,5
Max.	400	245	100	50	8

Yukarıda minimum ve maksimum ölçüleri verilen profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

## STANDART AÇIK PROFİLLER

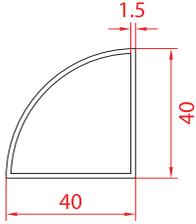
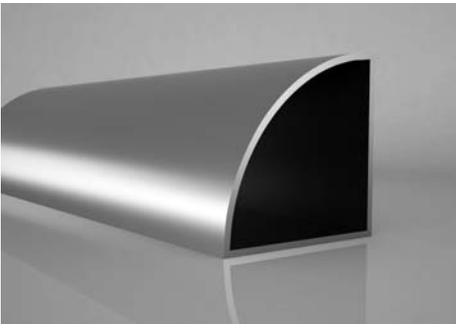
Standard Open Shaped Profiles



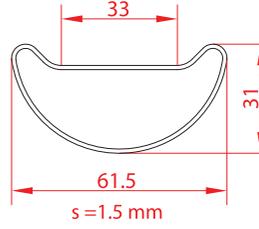
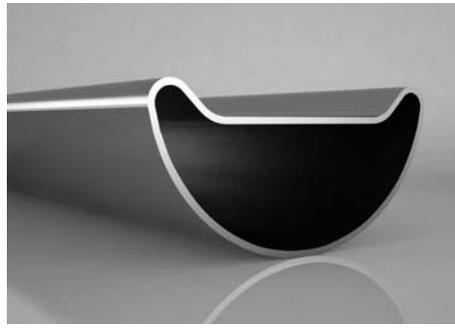
Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	D (mm)	S (mm)
Min.	20	20	10	5	0,5
Max.	400	245	100	50	8

Yukarıda minimum ve maksimum ölçüleri verilen profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

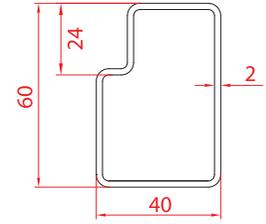
All types of profiles which their minimum and maximum measures are mentioned above are manufactured by our company.



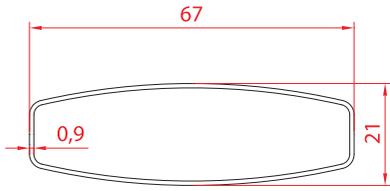
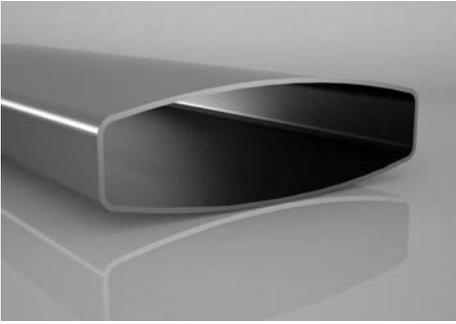
OZL-01



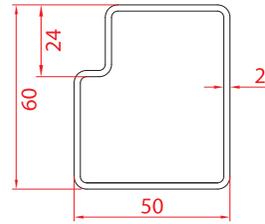
OZL-02



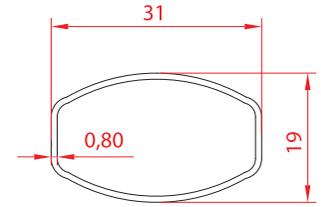
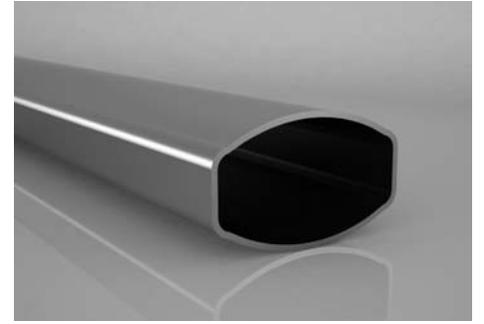
OZL-03



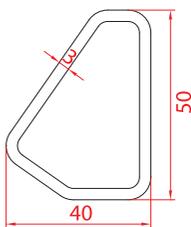
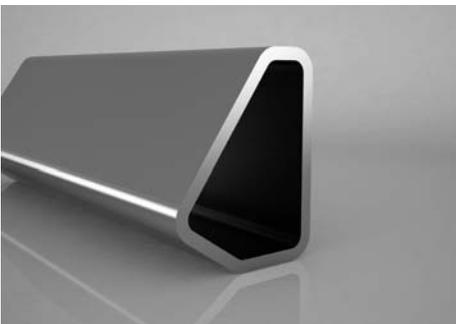
OZL-04



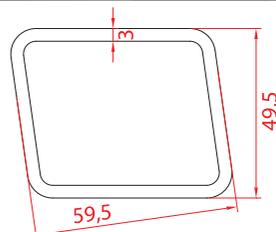
OZL-05



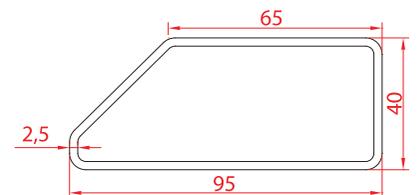
OZL-06



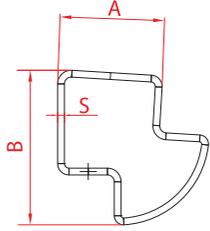
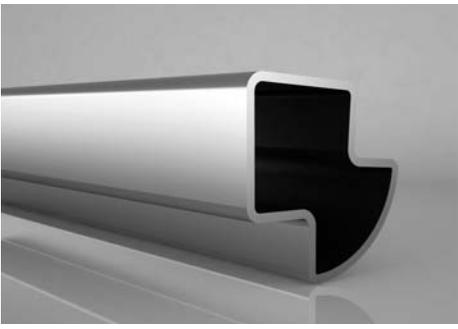
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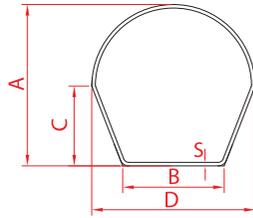
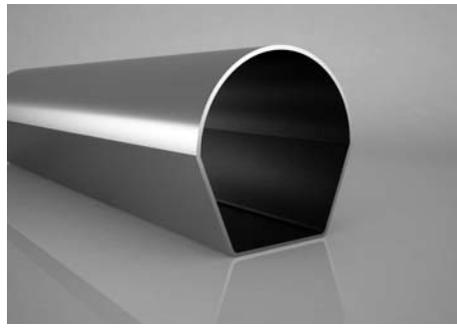
OZL-08



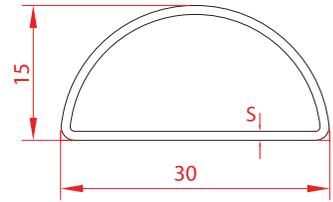
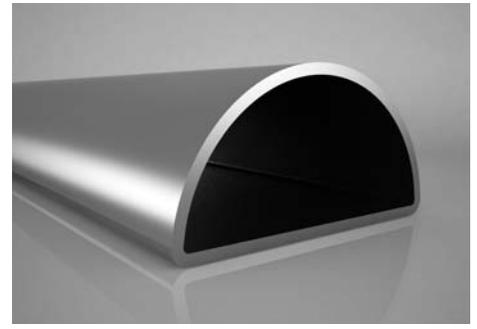
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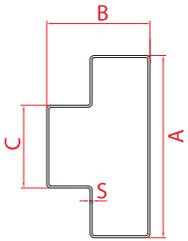
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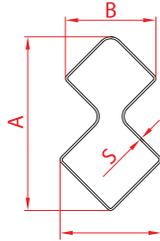
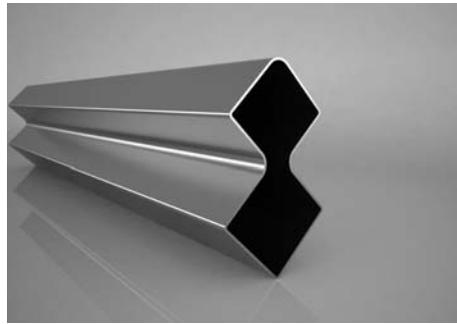
OZL-11



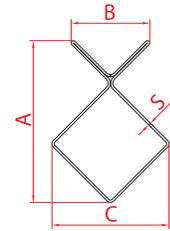
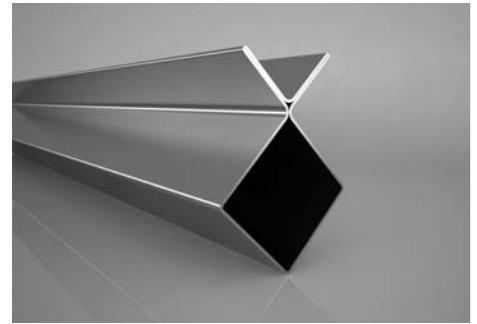
OZL-12



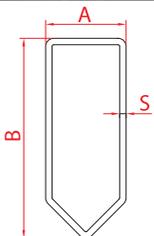
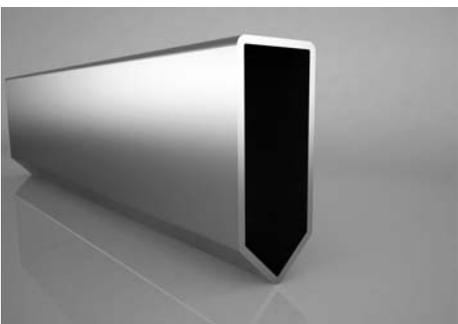
OZL-13



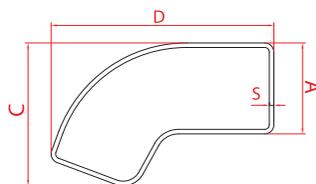
OZL-14



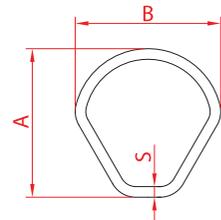
OZL-15



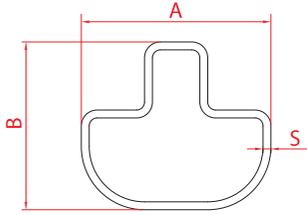
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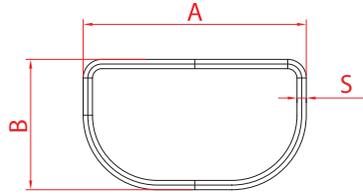
OZL-17



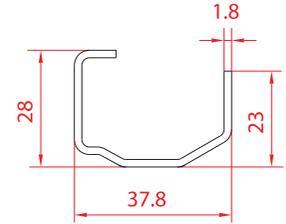
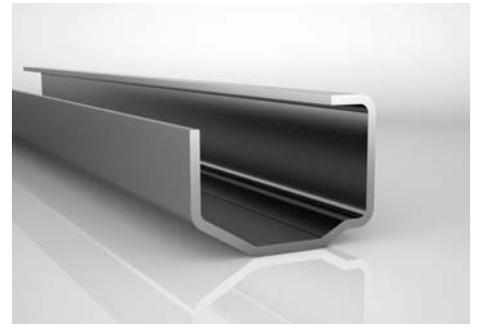
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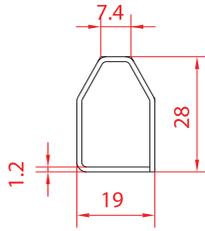
OZL-19



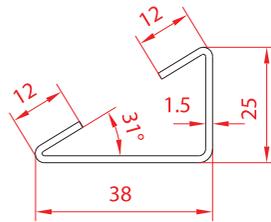
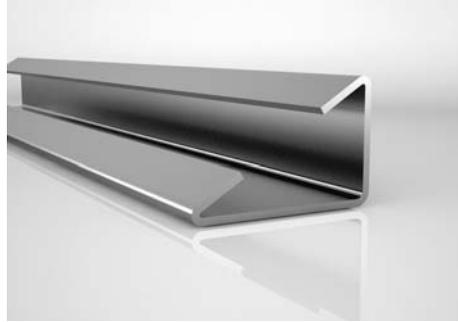
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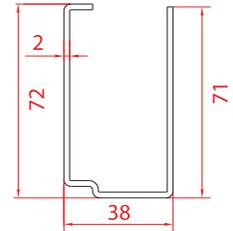
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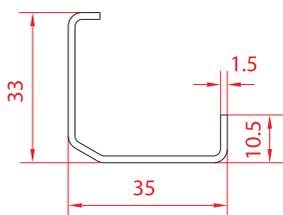
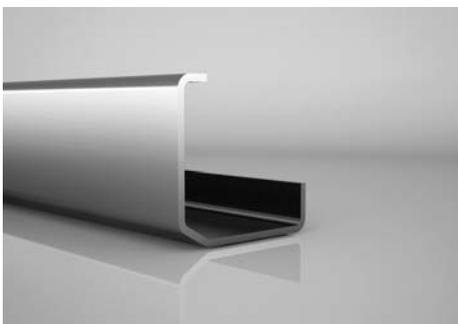
OZL-22



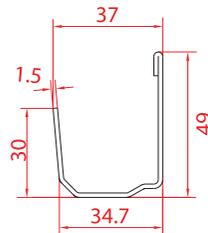
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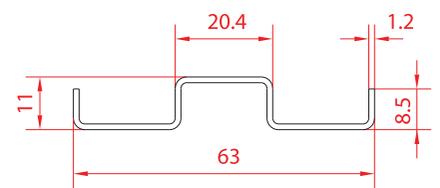
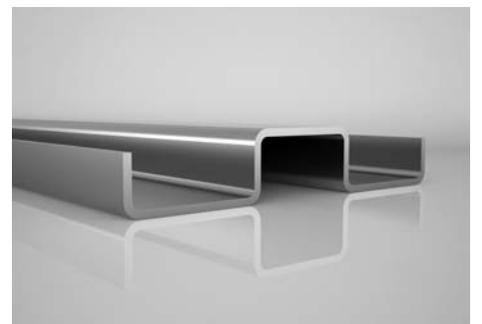
OZL-24



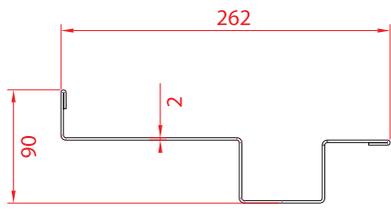
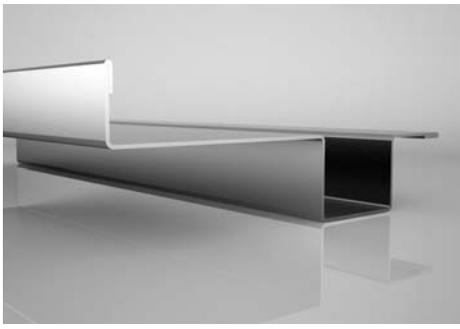
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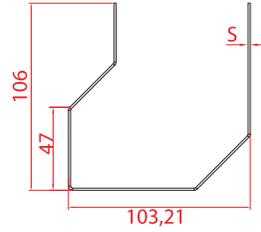
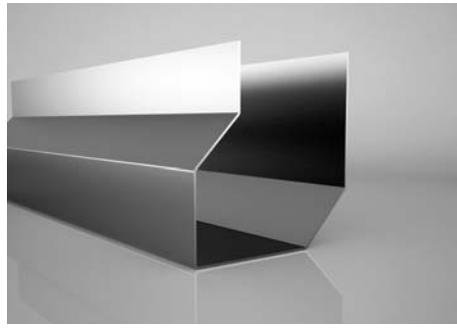
OZL-26



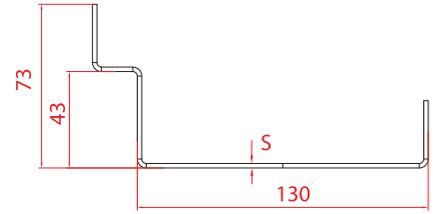
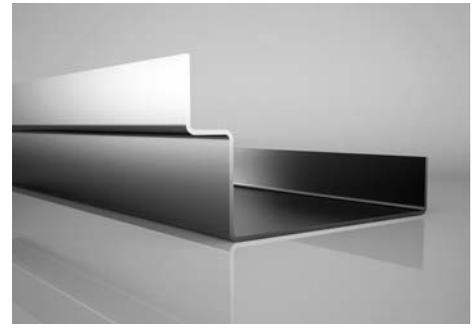
OZL-27



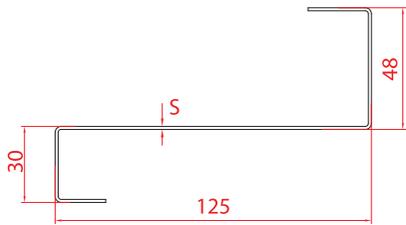
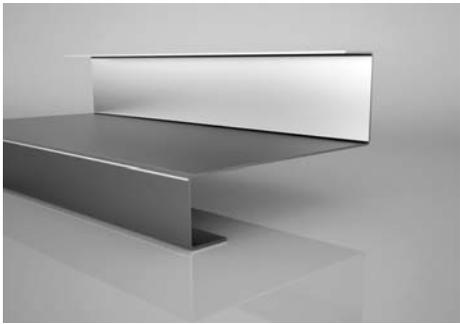
OZL-28



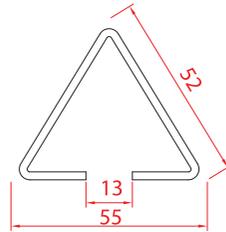
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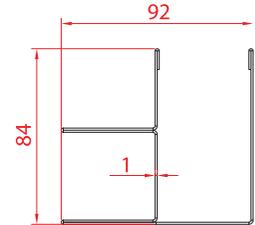
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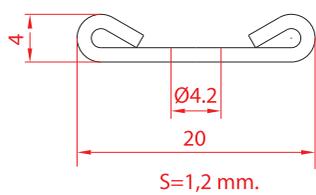
OZL-31



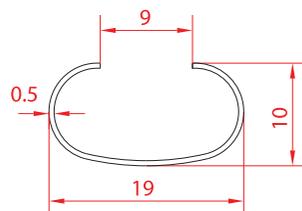
OZL-32



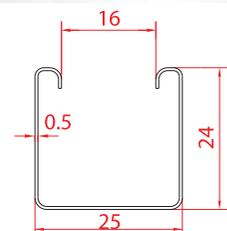
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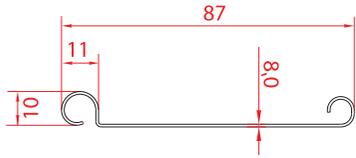
OZL-34



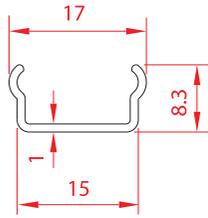
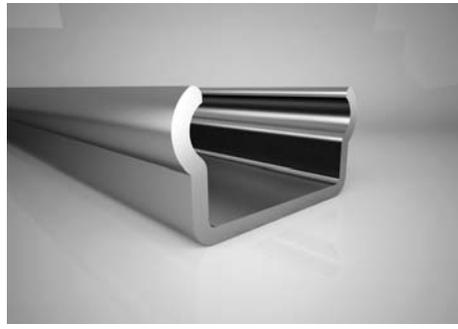
OZL-35



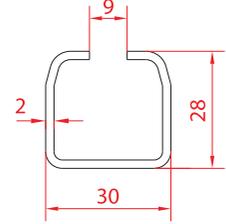
OZL-36



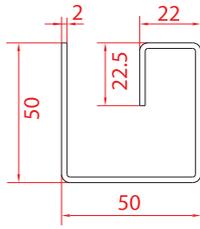
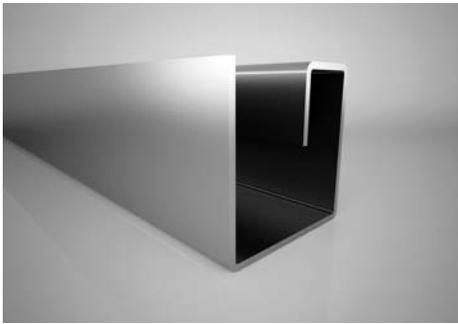
OZL-37



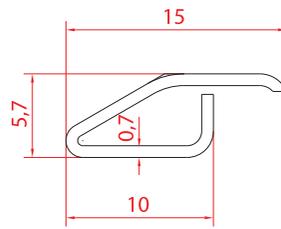
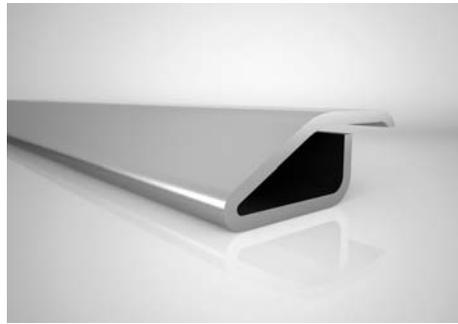
OZL-38



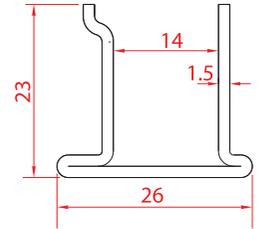
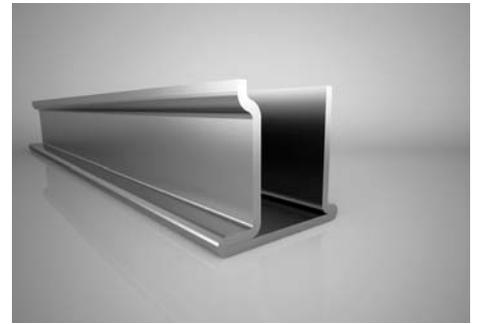
OZL-39



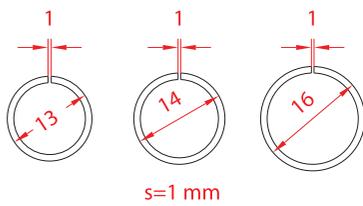
OZL-40



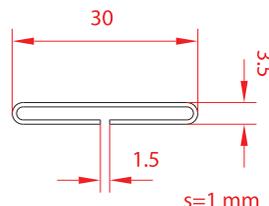
OZL-41



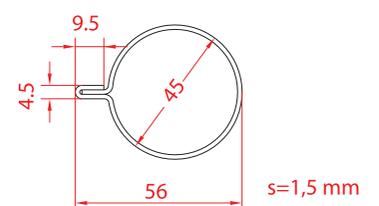
OZL-42



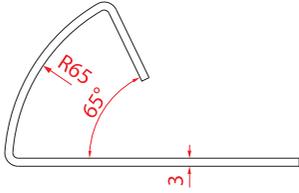
OZL-43



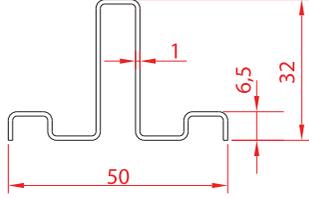
OZL-44



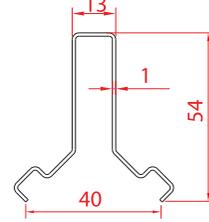
OZL-45



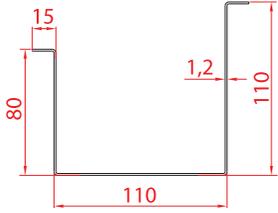
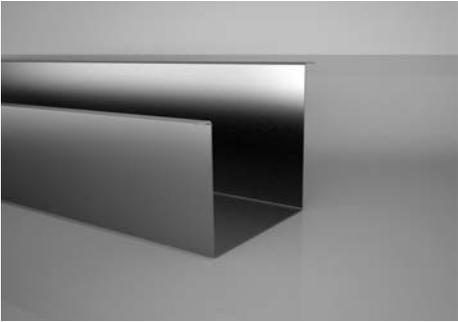
OZL-46



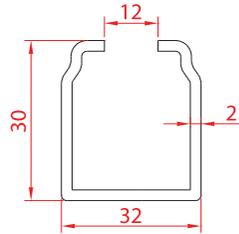
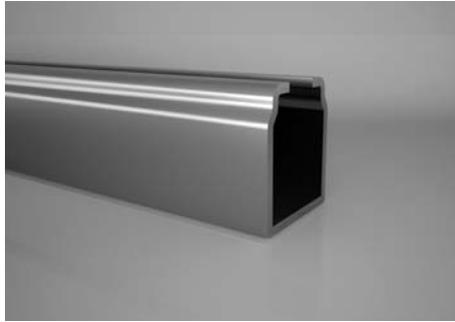
OZL-47



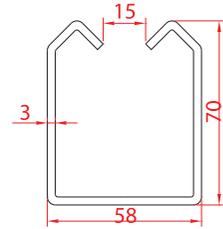
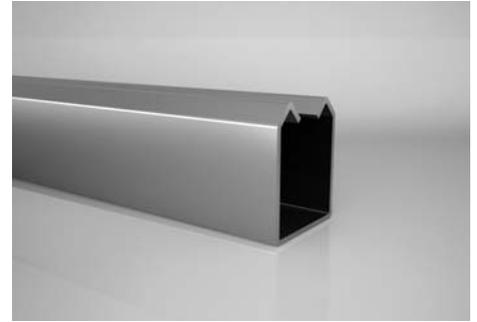
OZL-48



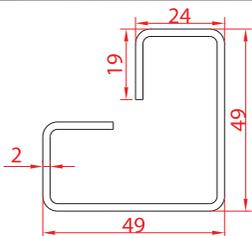
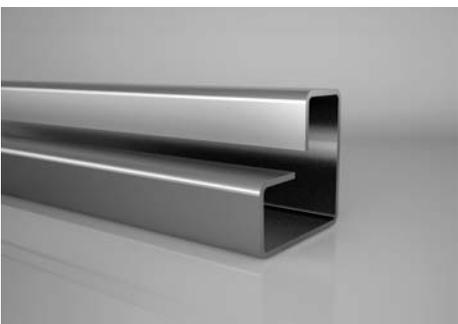
OZL-49



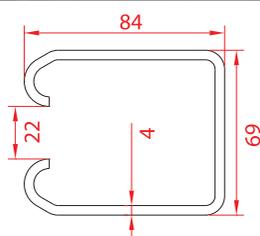
OZL-50



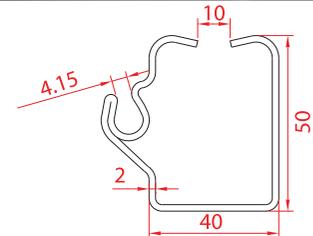
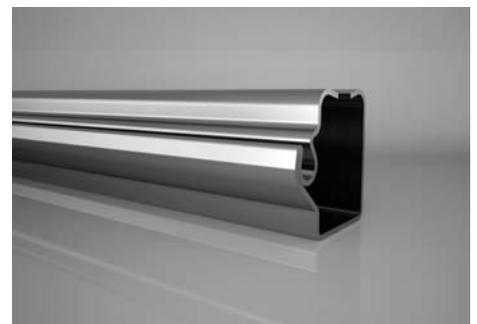
OZL-51



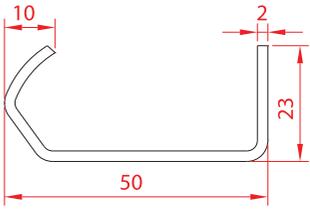
OZL-52



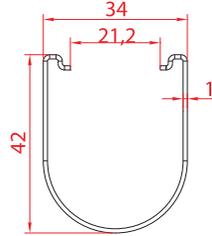
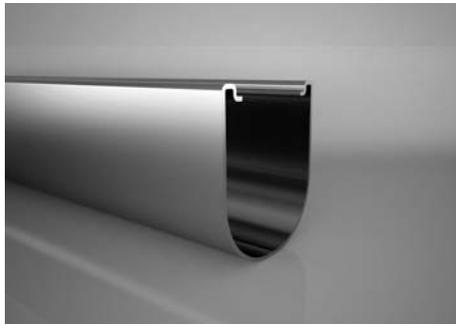
OZL-53



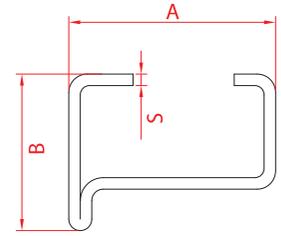
OZL-54



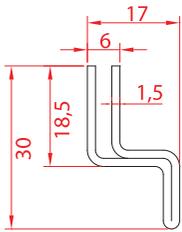
OZL-55



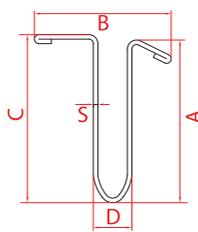
OZL-56



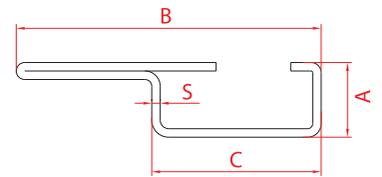
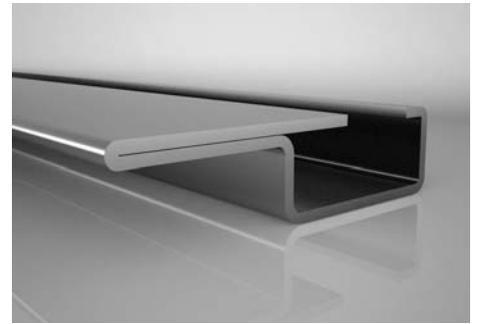
OZL-57



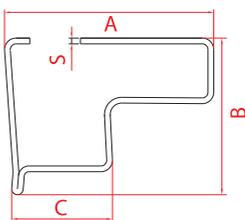
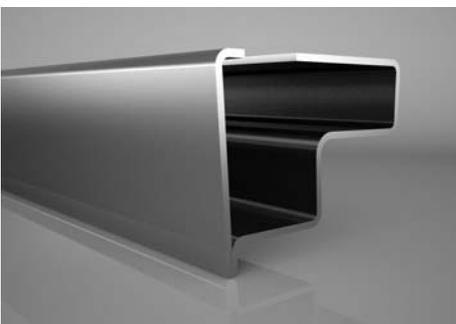
OZL-58



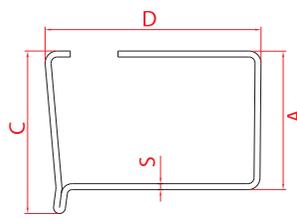
OZL-59



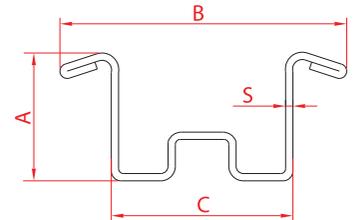
OZL-60



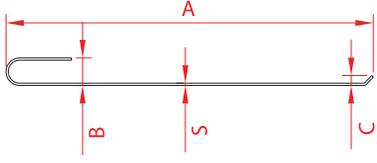
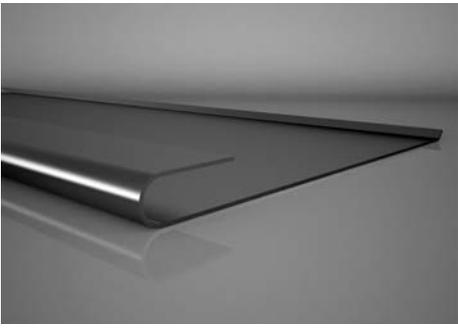
OZL-61



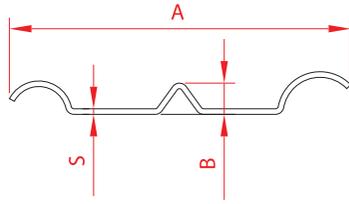
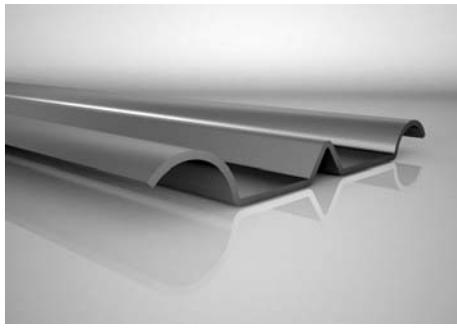
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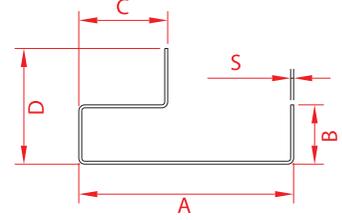
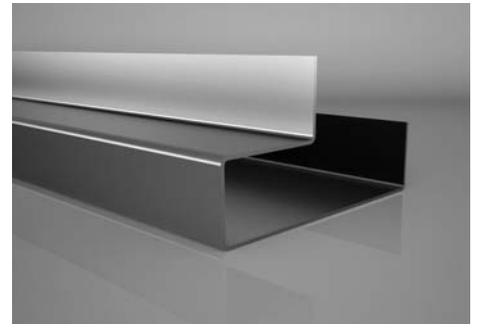
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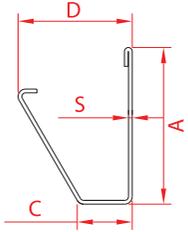
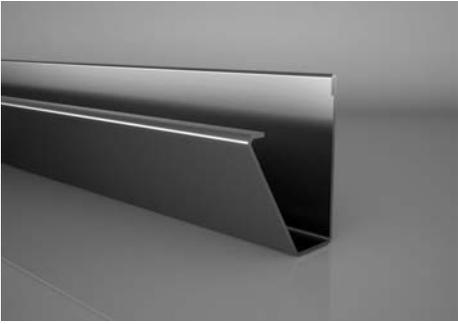
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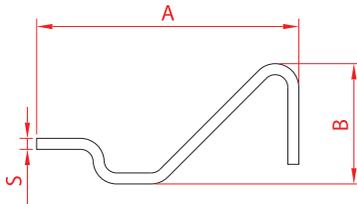
OZL-65



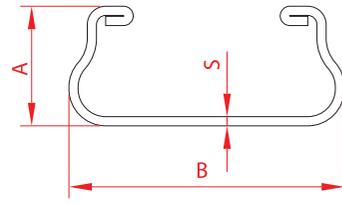
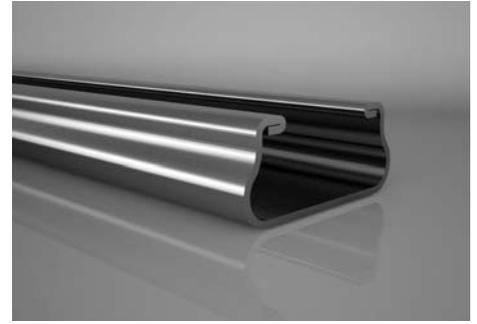
OZL-66



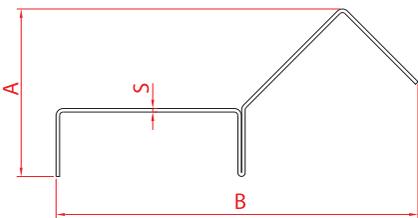
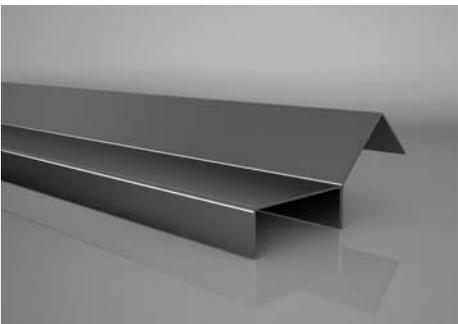
OZL-67



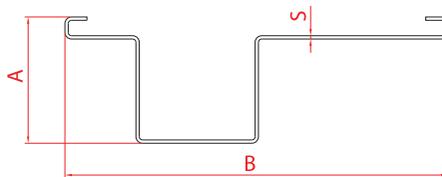
OZL-68



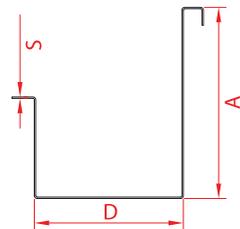
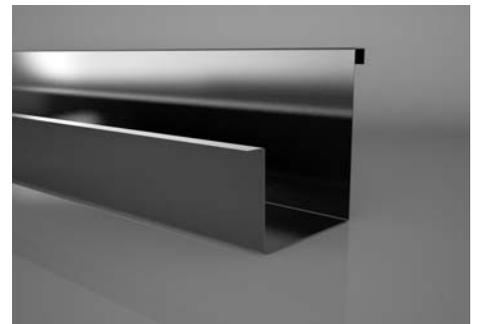
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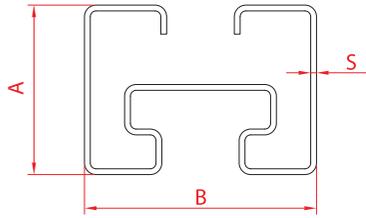
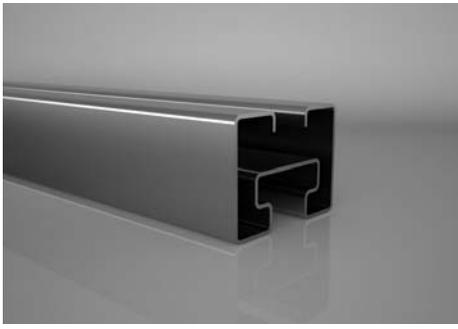
OZL-70



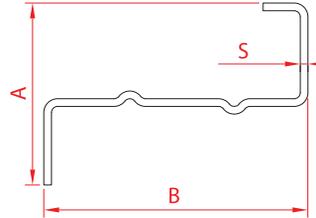
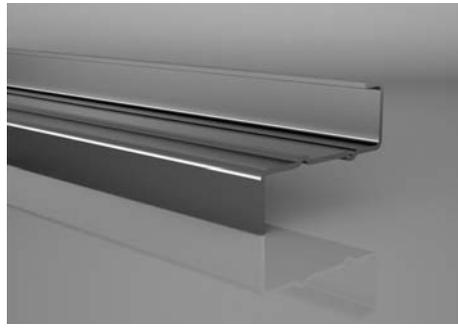
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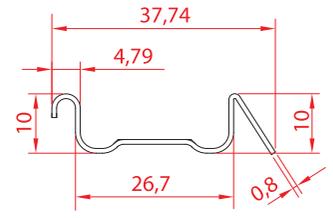
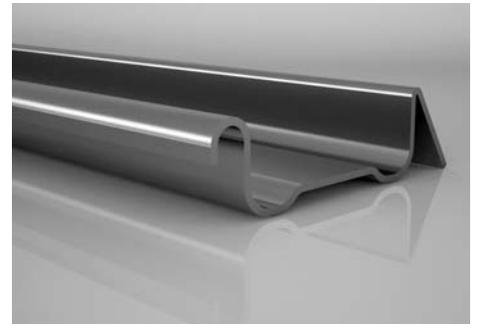
OZL-72



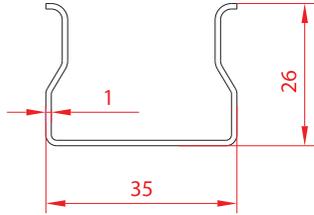
OZL-73



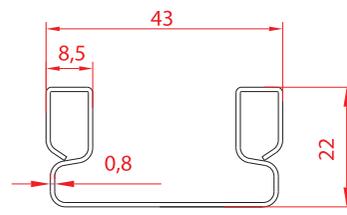
OZL-74



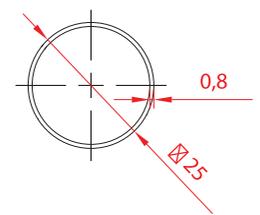
OZL-75



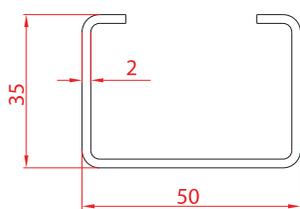
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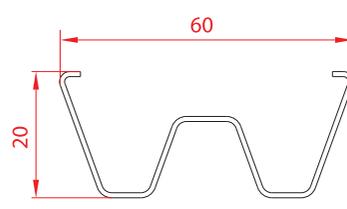
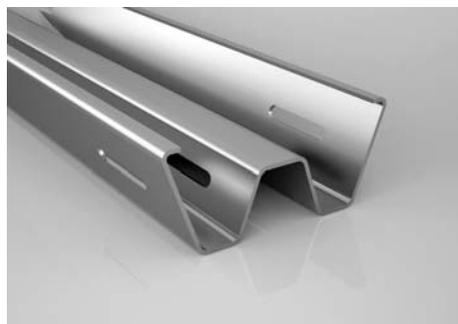
OZL-77



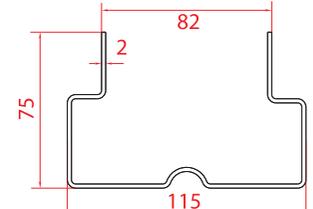
OZL-78



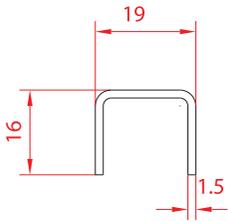
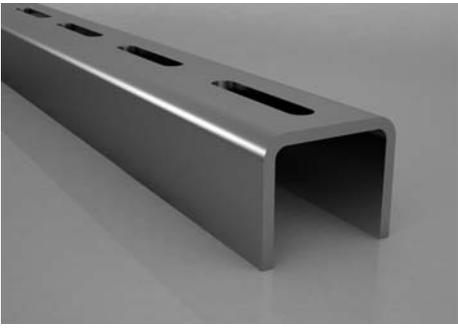
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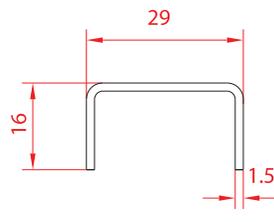
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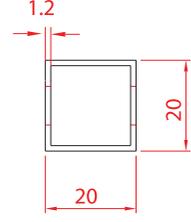
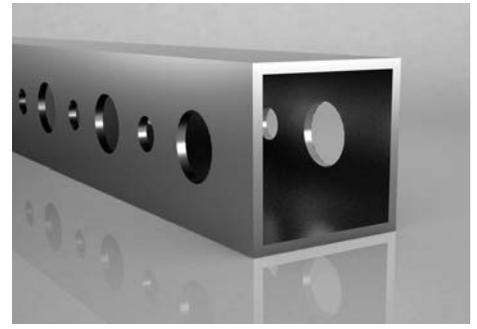
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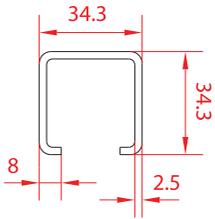
OZL-82



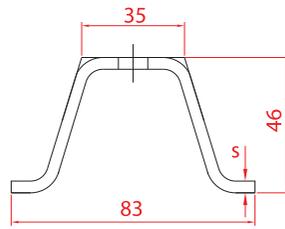
OZL-83



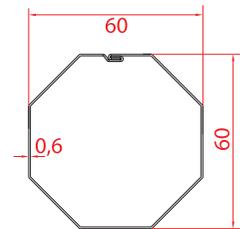
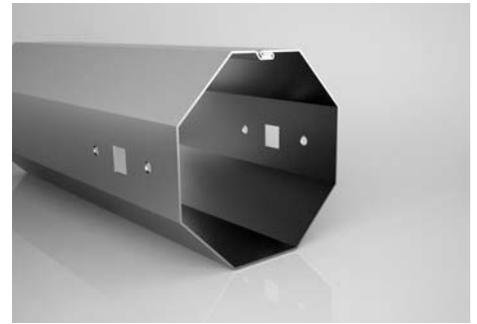
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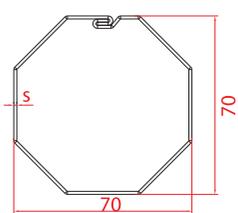
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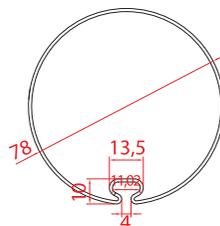
OZL-86



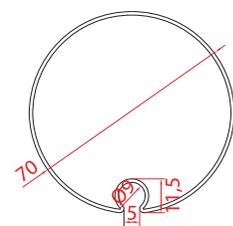
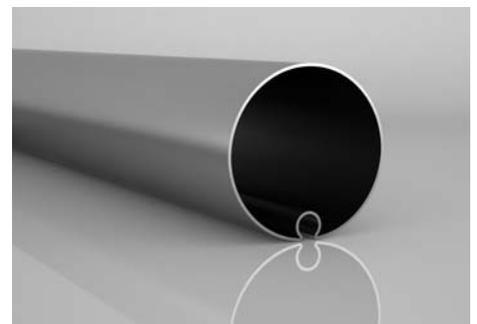
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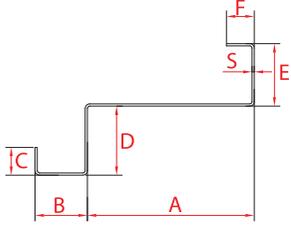
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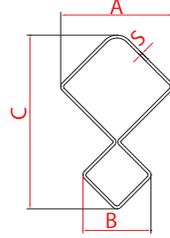
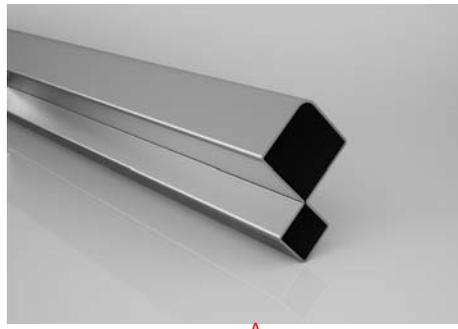
OZL-89



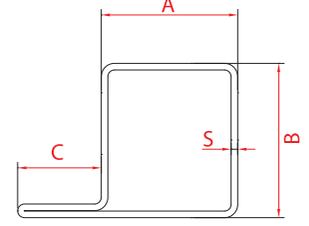
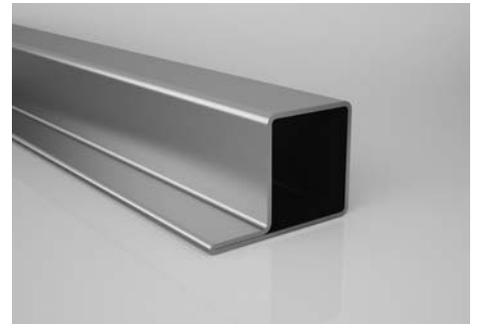
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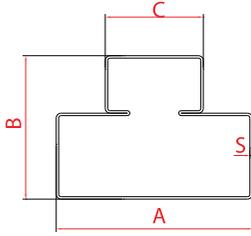
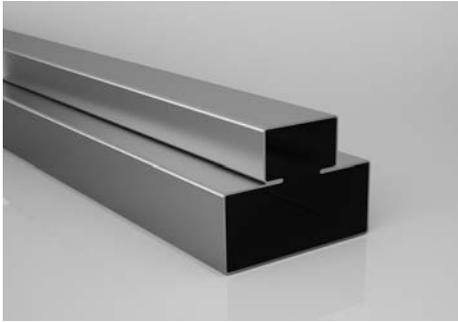
OZL-91



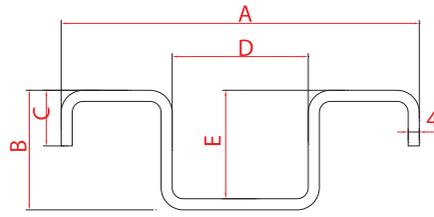
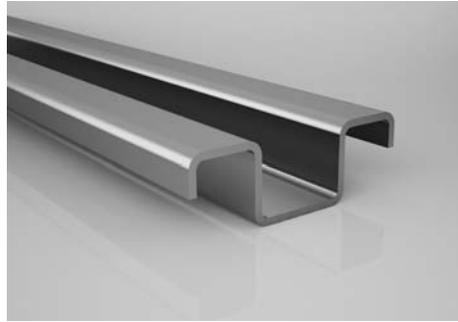
OZL-92



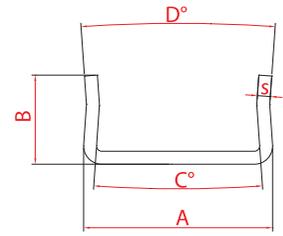
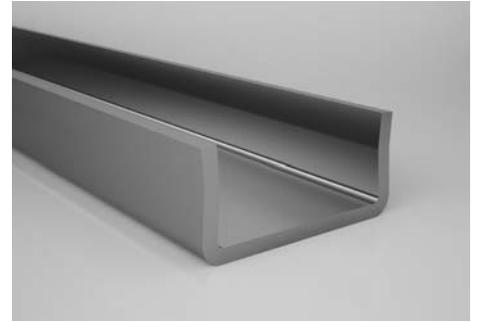
OZL-93



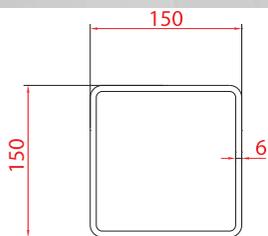
OZL-94



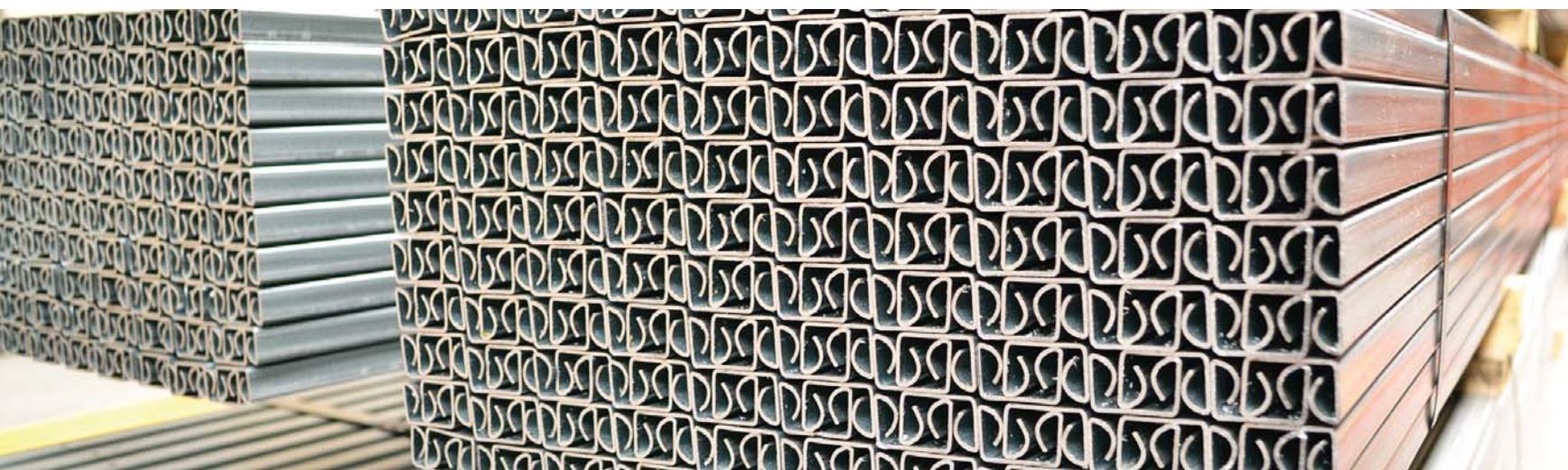
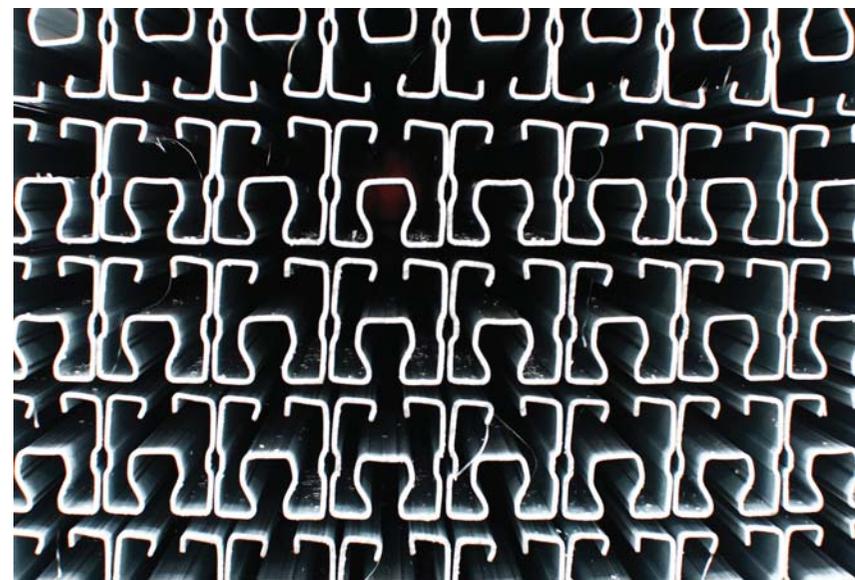
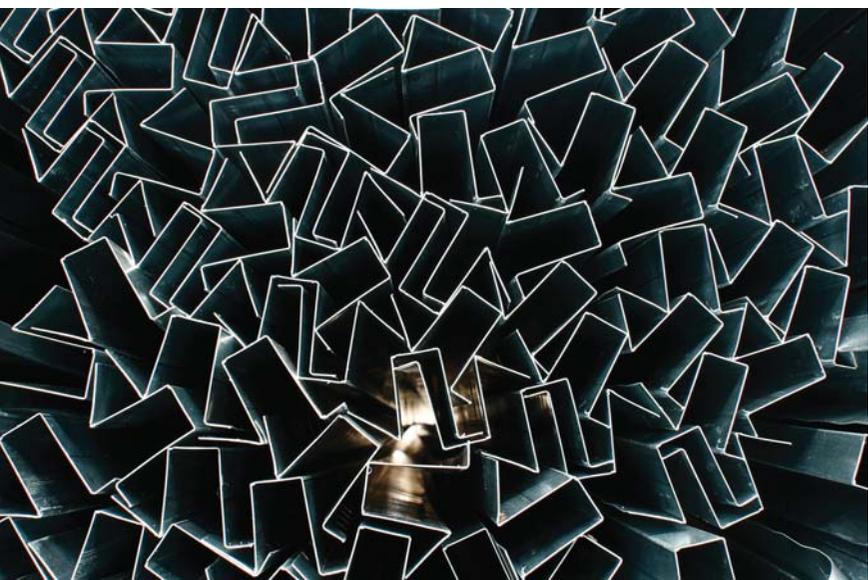
OZL-95



OZL-96



OZL-97





# OTOMOTİV PROFİLLERİ

## Automotive Profiles

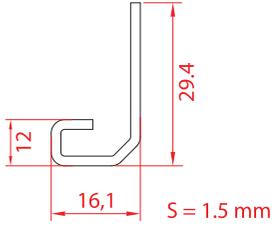
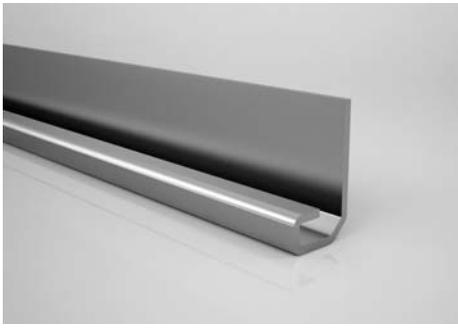


- Kapı cam çerçeveleri ve cam kızakları
- Kapı cam mekanizması ve ray profili
- Kamyonet şasi profili ve şasi parçaları ile kompleleri
- Otomobil ön ve arka tamponları
- Komple toz filtre gövdeleri ve ekipmanları
- Kayar kapı kızakları
- Koltuk kızakları ve karkasları
- Yağmur olukları
- Alusi egzoz borusu

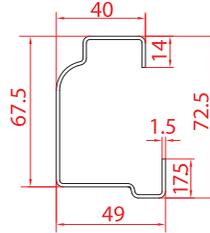
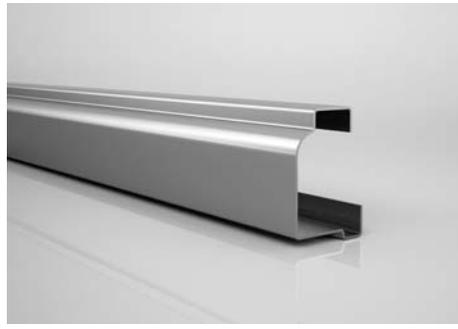
- Door window frames & window rails
- Glass running rail profile of doors
- Chassis profiles, chassis parts of trucks
- Front & rear bumper of cars
- Air filter cabins
- Sliding door rails
- Seat rails and frames
- Rain gutter
- Alusi exhaust pipe

Kalıp ve aparatlarımızın tasarımı ve üretimi kendi teknik ekibimiz tarafından yapılmaktadır. Taleplerinize uygun özel kesitli ürünlerde delme, bükme, ezme, sıvama, uç boşaltma vb. işlemler ile yarı mamül ve mamül üretimi yapılabilmektedir.

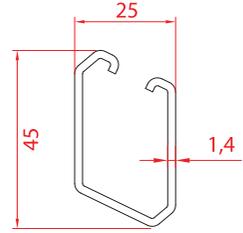
*The design and production of our molds and fixtures that are using in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.*



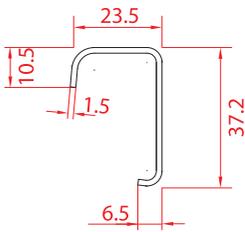
OTM-01



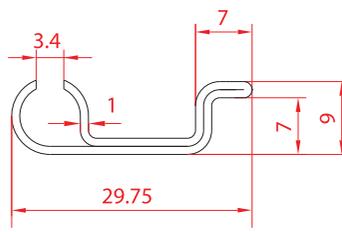
OTM-02



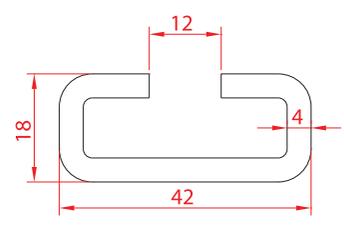
OTM-03



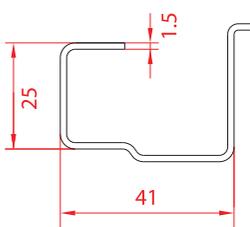
OTM-04



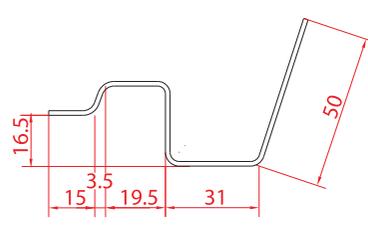
OTM-05



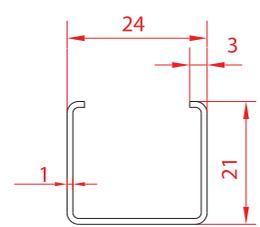
OTM-06



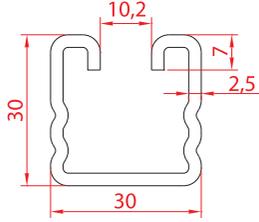
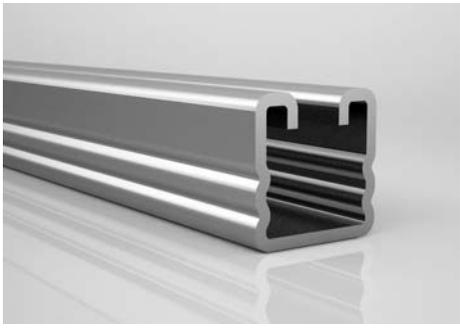
OTM-07



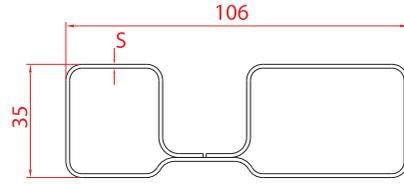
OTM-08



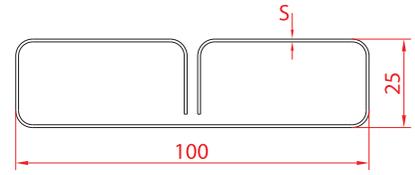
OTM-09



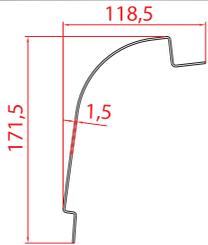
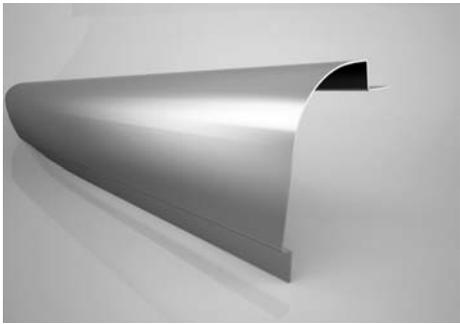
OTM-10



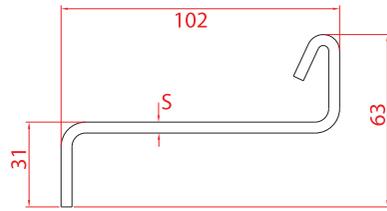
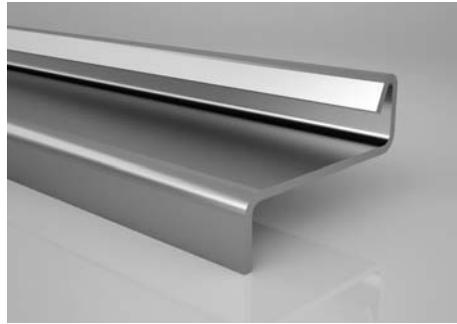
OTM-11



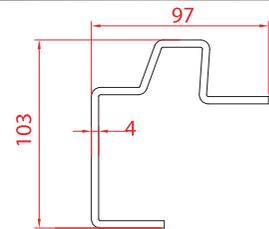
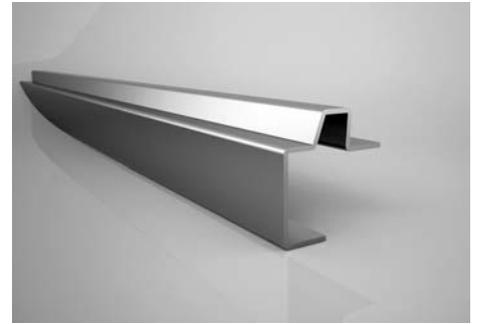
OTM-12



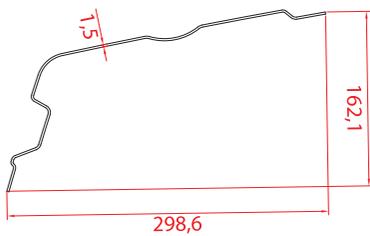
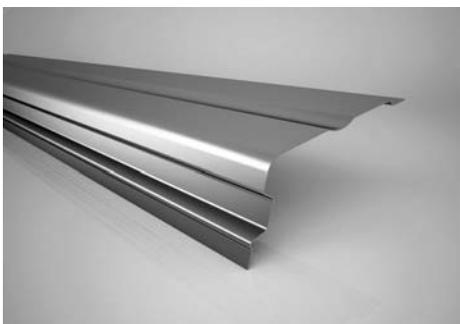
OTM-13



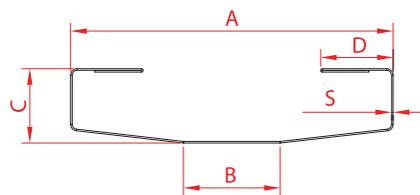
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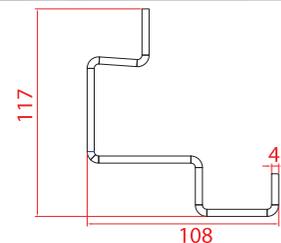
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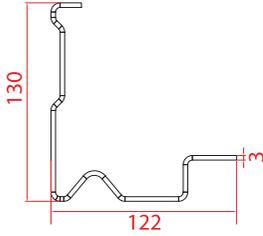
OTM-16



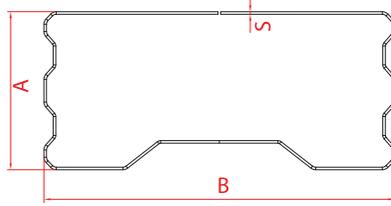
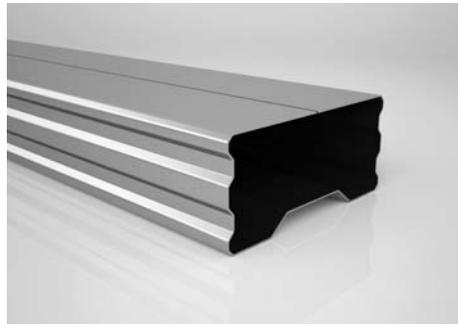
OTM-17



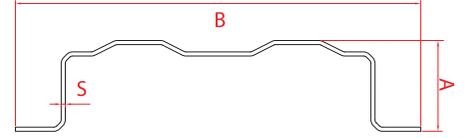
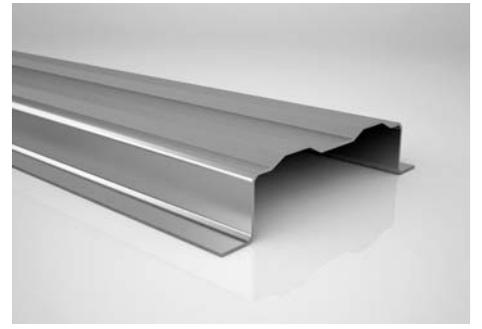
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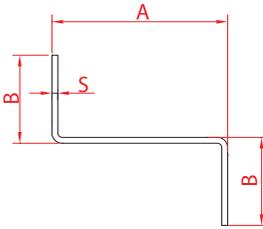
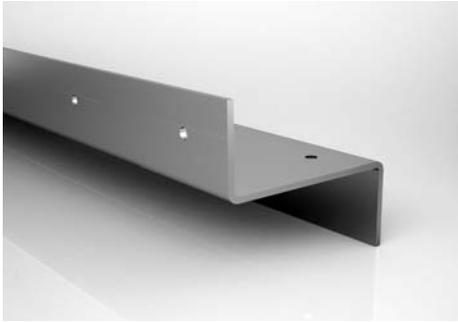
OTM-19



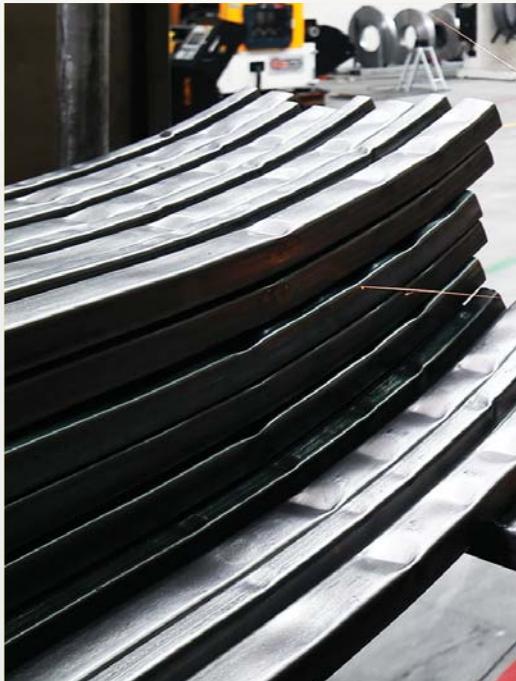
OTM-20



OTM-21

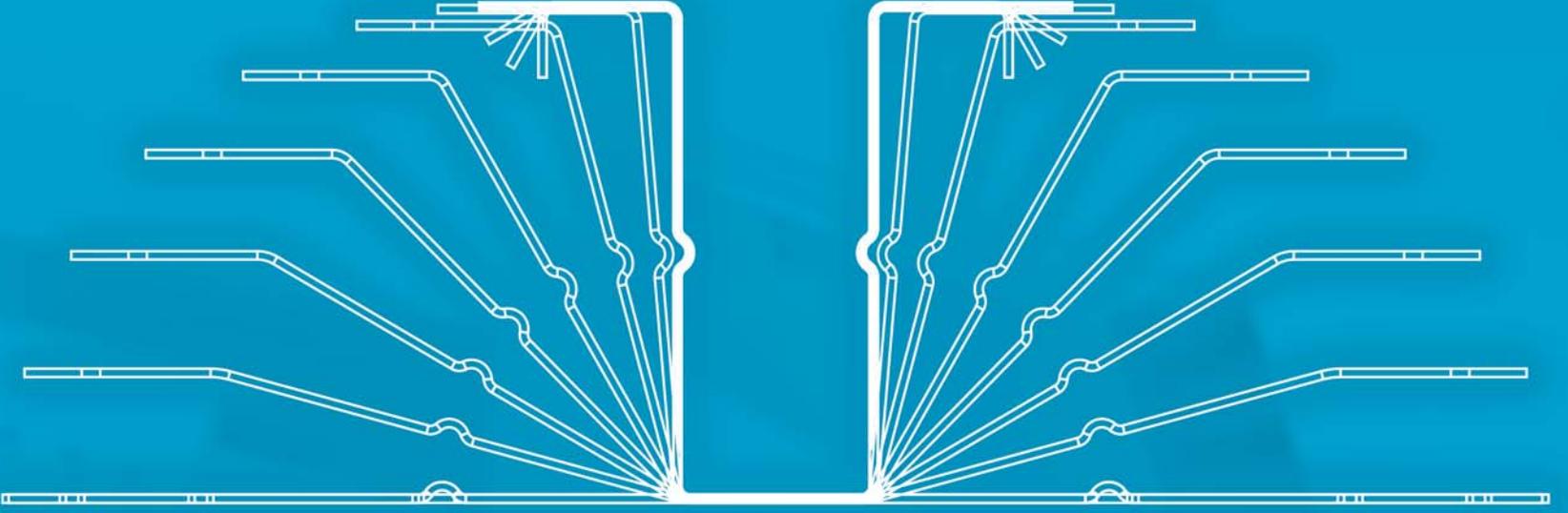


OTM-22



# GÜNEŞ ENERJİ SİSTEMLERİ PROFİLLERİ

## Solar Energy Systems Profiles

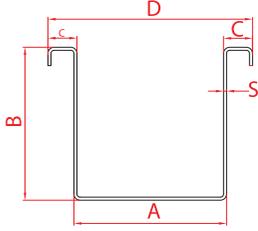


- Standart ve özel açık profiller
- Standart ve özel kaynaklı profiller
- Özel kesitli ve delikli solar konstrüksiyon profilleri
- Omega profilleri

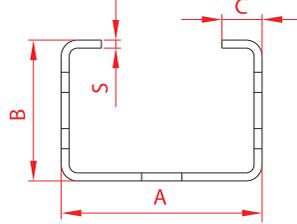
- Standard & special open profiles,
- Standard & special seam welded profiles,
- Solar construction profiles with special section & holes.
- Omega profiles

Kalıp ve aparatlarımızın tasarımı ve üretimi kendi teknik ekibimiz tarafından yapılmaktadır. Taleplerinize uygun özel kesitli ürünlerde delme, bükme, ezme, sıvama, uç boşaltma vb. işlemler ile yarı mamül ve mamül üretimi yapılabilmektedir.

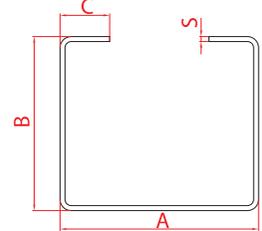
*The design and production of our molds and fixtures that are using in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.*



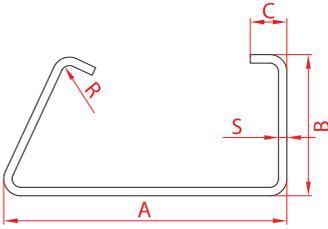
SLR-01



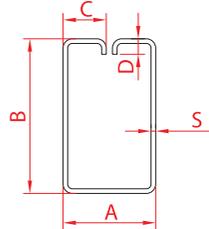
SLR-02



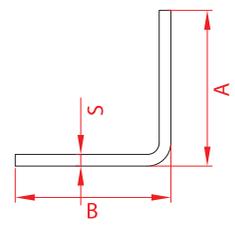
SLR-03



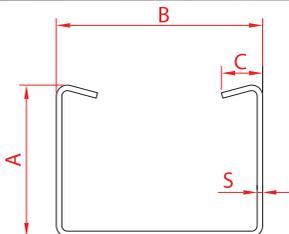
SLR-04



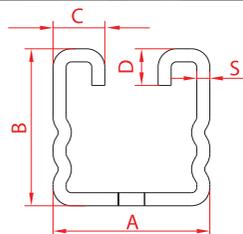
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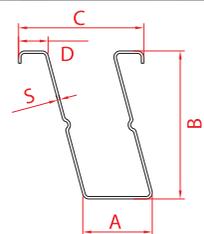
SLR-06



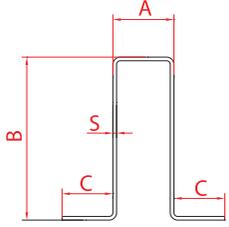
SLR-07



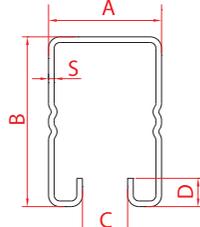
SLR-08



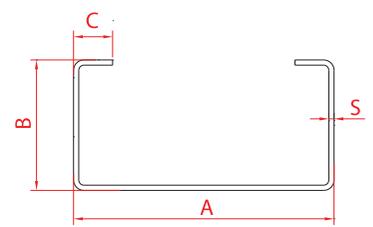
SLR-09



SLR-10



SLR-11

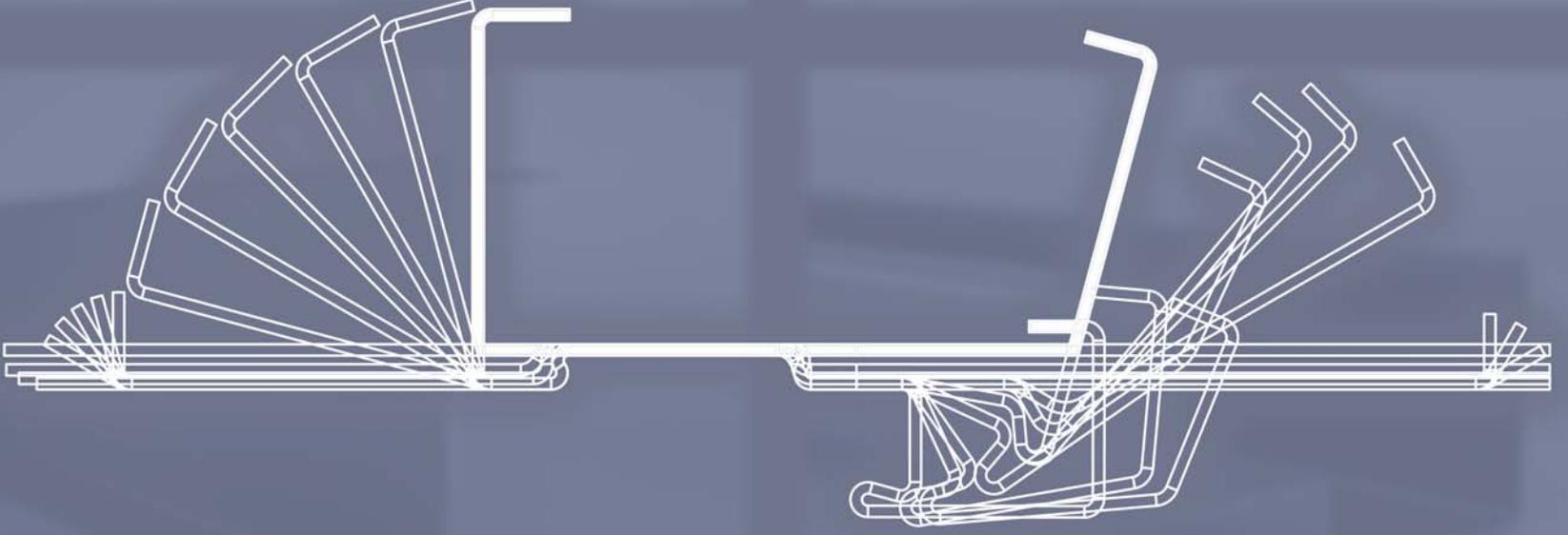


SLR-12



# YAPI ve ÇELİK KONSTRÜKSİYON PROFİLLERİ

Civil Works & Steel Constructions



- C, Z ve Sigma profiller
- Standart sanayi boru ve profilleri
- Vinç ve korniş profilleri
- İskele özel profilleri
- Pencere, kapı körkasa profilleri
- Plastik doğrama ve destek profilleri
- Alçıpan ve asma tavan montaj profilleri
- Çelik konstrüksiyon için özel profiller
- Yangın kapısı kasaları
- Kapı kasaları

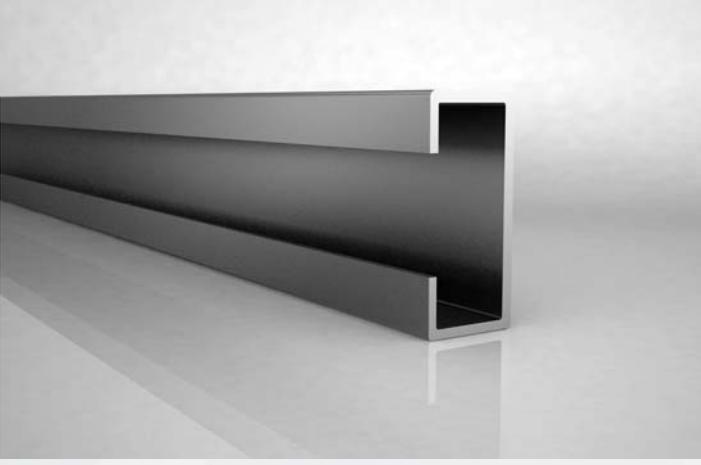
- C, Z & SIGMA profiles
- Standard industrial tubes & profiles
- Crane & cornice profiles
- Scaffolding special profiles
- Window & door sub-frame profiles
- PVC joinery support profiles
- Gypsum board wall & suspended ceiling profiles
- Special profiles for steel construction
- Fire door frame
- Door frame

Kalıp ve aparatlarımızın tasarımı ve üretimi kendi teknik ekibimiz tarafından yapılmaktadır. Taleplerinize uygun özel kesitli ürünlerde delme, bükme, ezme, sıvama, uç boşaltma vb. işlemler ile yarı mamül ve mamül üretimi yapılabilmektedir.

*The design and production of our molds and fixtures that are using in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.*

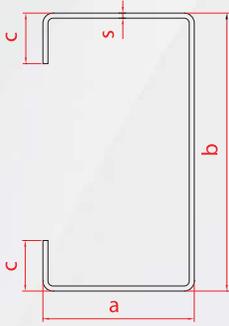
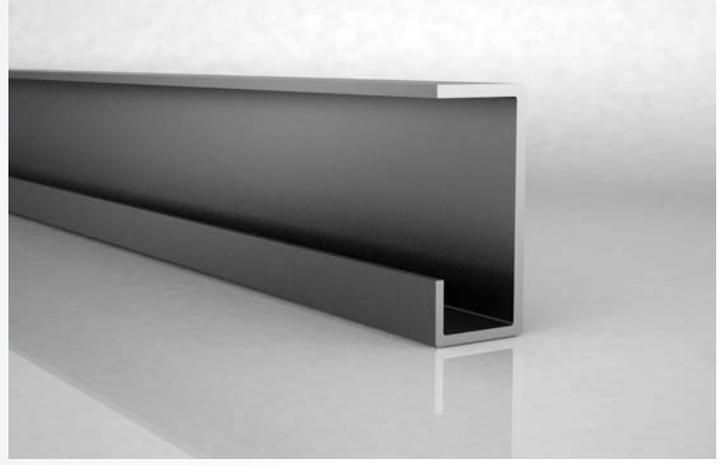
## C PROFİLLER

### C Profiles



## C PROFİLLER

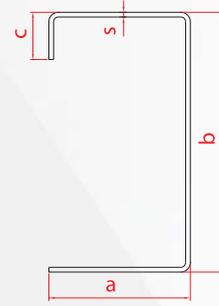
### C Profiles



Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	S (mm)
Min.	5	10	10	0,5
Max.	245	500	150	8

Yukarıda minimum ve maksimum ölçüleri verilen C profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.



Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	S (mm)
Min.	5	10	10	0,5
Max.	245	500	150	8

Yukarıda minimum ve maksimum ölçüleri verilen C profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

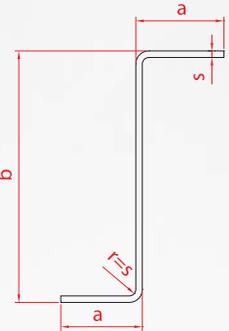
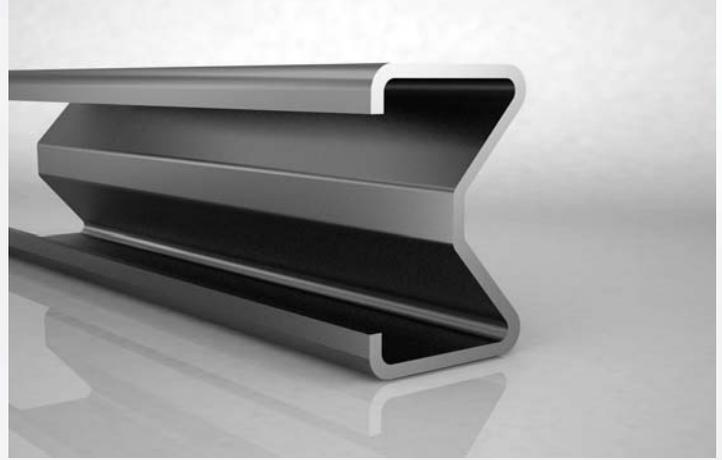
## Z PROFİLLER

### Z Profiles



## SİGMA PROFİLLER

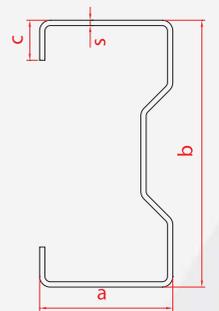
### Sigma Profiles



Ölçüler Dimensions	A (mm)	B (mm)	S (mm)
Min.	5	10	0,5
Max.	120	500	8

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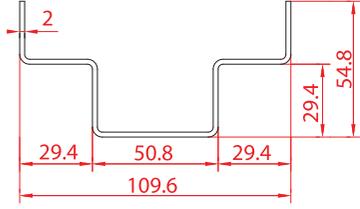
All types of Z profiles which their minimum and maximum measures are mentioned above are manufactured by our company.



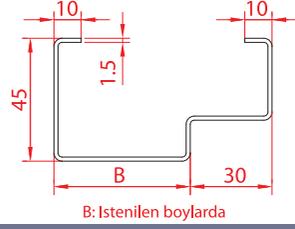
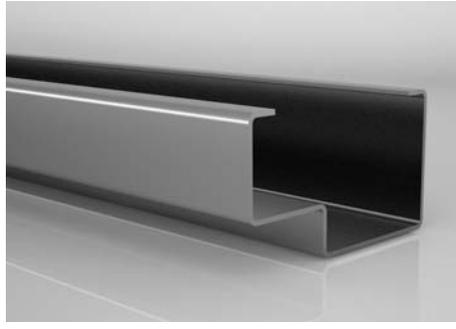
Ölçüler Dimensions	A (mm)	B (mm)	C (mm)	S (mm)
Min.	30	40	10	0,5
Max.	150	500	100	8

Yukarıda minimum ve maksimum ölçüleri verilen Sigma profillerin bu ölçüler arasındaki tüm çeşitleri firmamızda üretilmektedir.

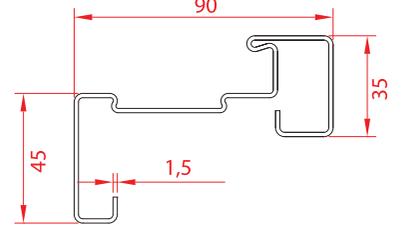
All types of Sigma profiles which their minimum and maximum measures are mentioned above are manufactured by our company.



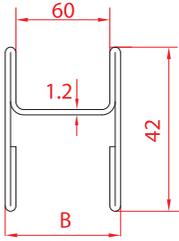
INS-01



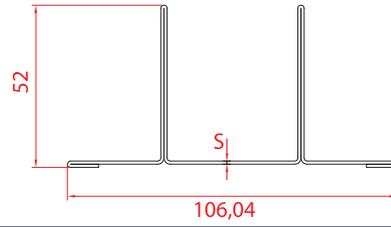
INS-02



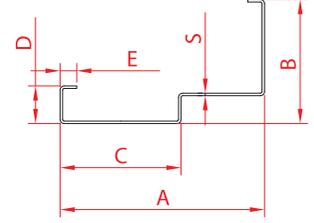
INS-03



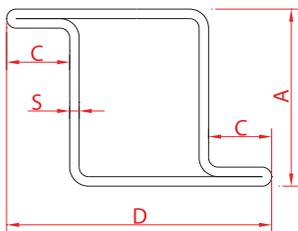
INS-04



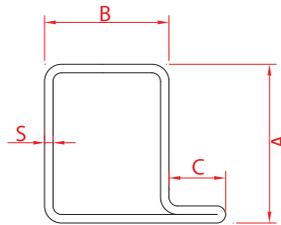
INS-05



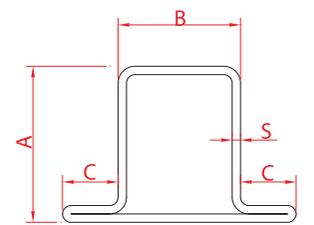
INS-06



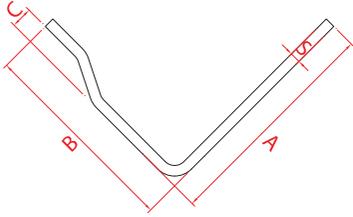
INS-07



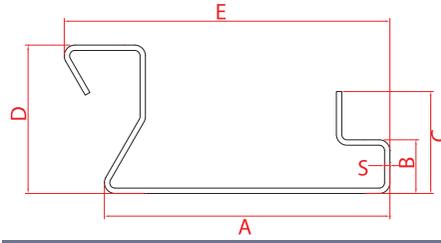
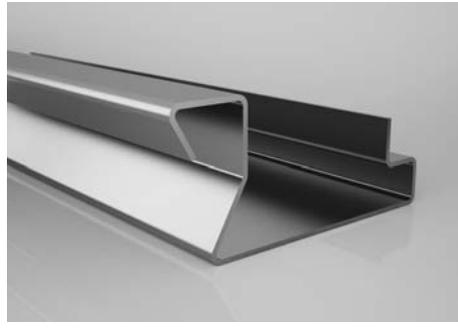
INS-08



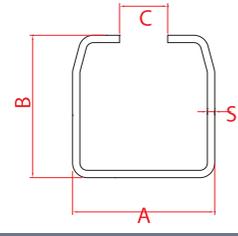
INS-09



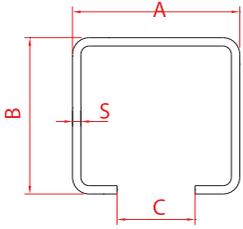
INS-10



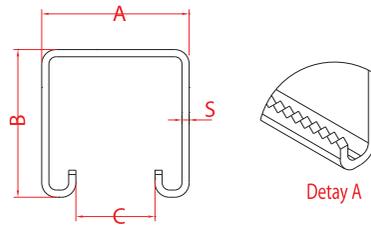
INS-11



INS-12

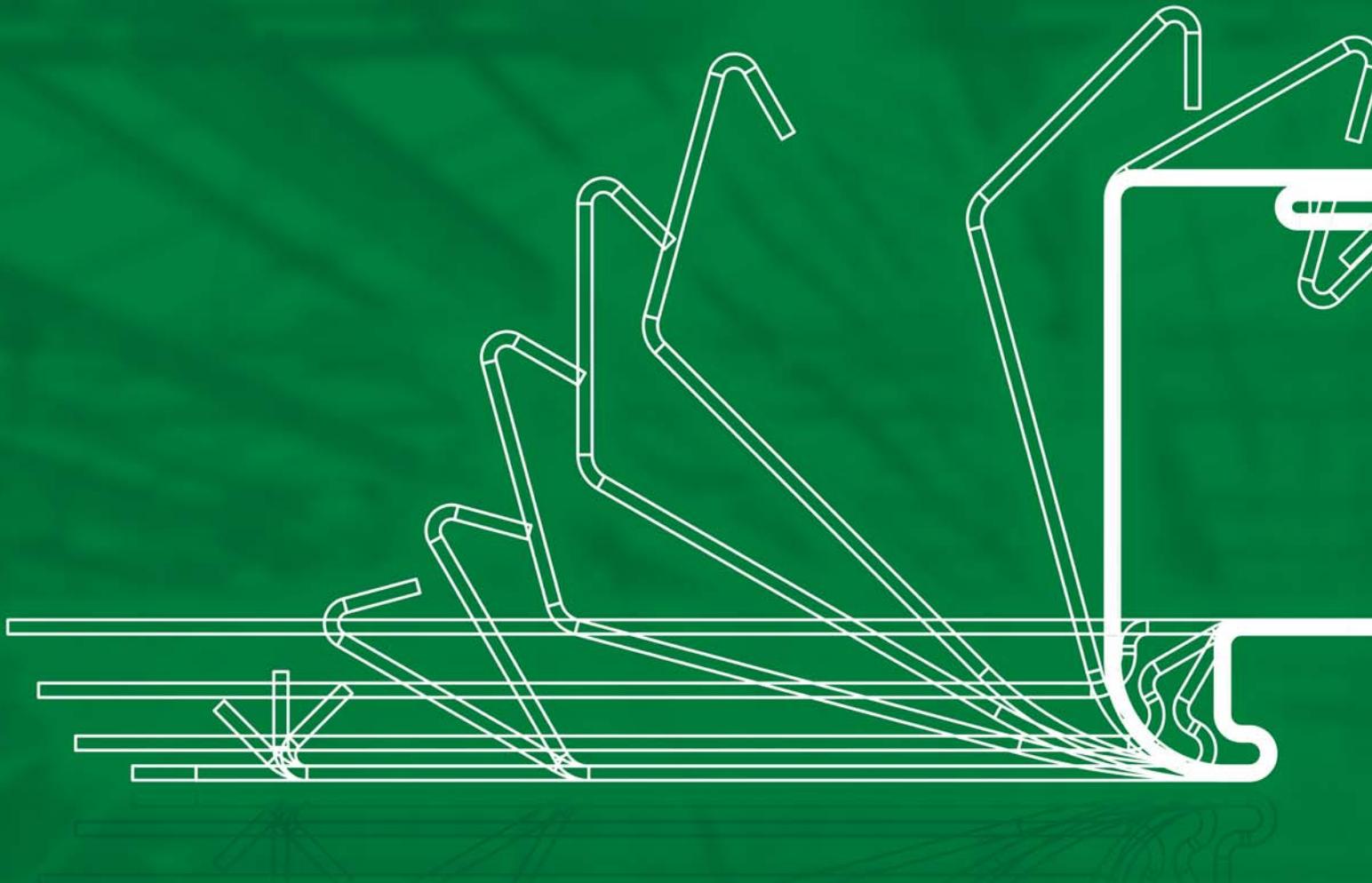


INS-13



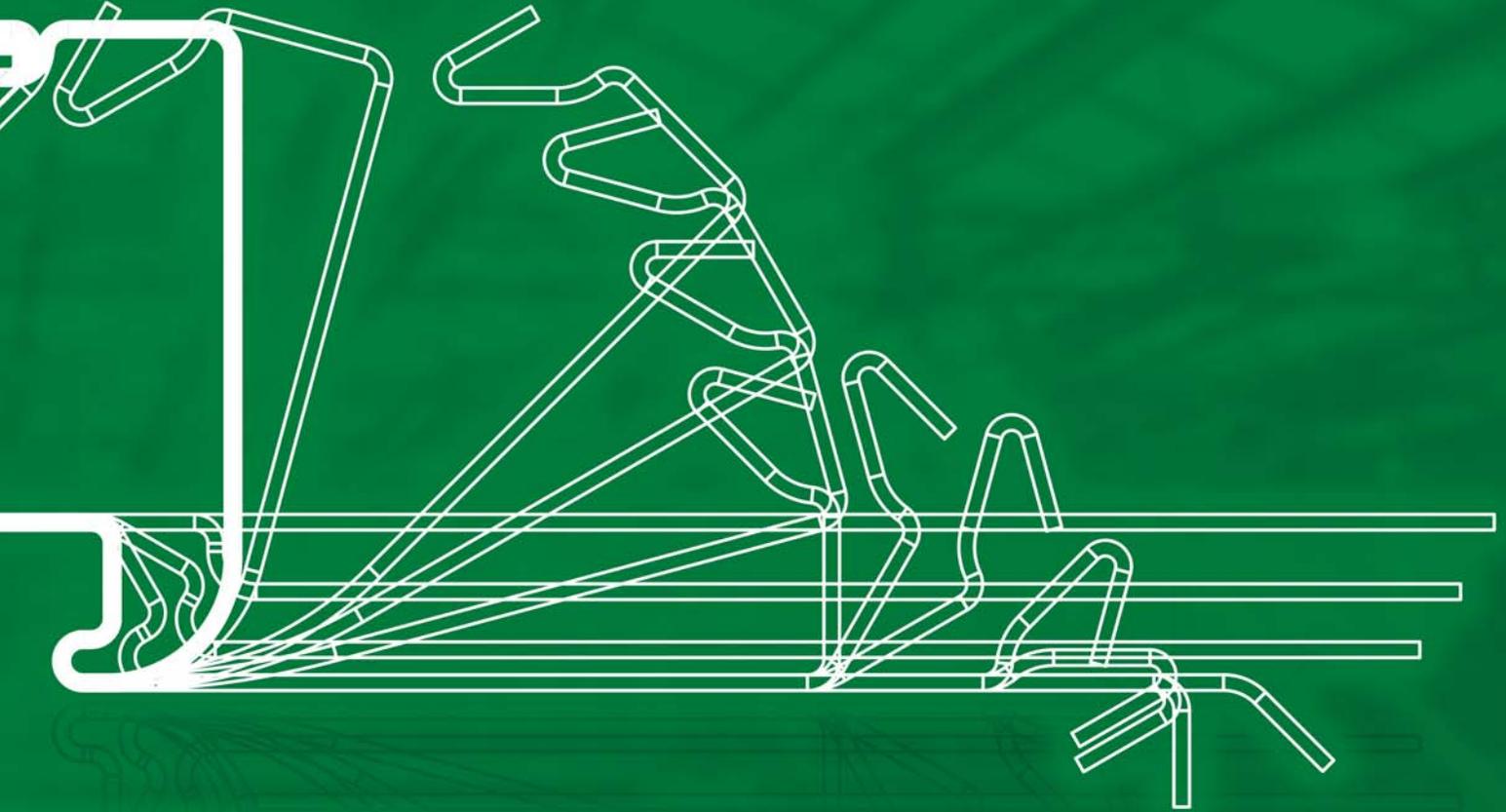
INS-14





# TARIM ve SERA PROFİLLERİ

Profiles for Agriculture and Greenhouse

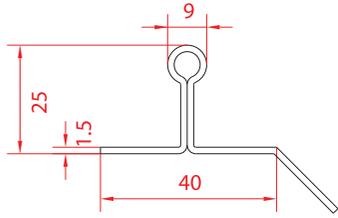
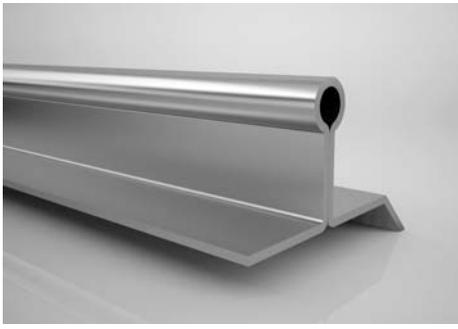


- Sera profilleri ve parçaları
- Sera U, L ve İ klipsleri
- Bağlantı ekipmanları
- Özel kesitli boru ve profiller
- Oluk çeşitleri

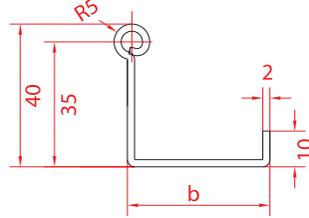
- Greenhouse profiles & parts
- Greenhouse U, L & I clips
- Connection parts
- Tubes and profiles in special cross-section
- Gutter range in different shapes & sizes

Kalıp ve aparatlarımızın tasarımı ve üretimi kendi teknik ekibimiz tarafından yapılmaktadır. Taleplerinize uygun özel kesitli ürünlerde delme, bükme, ezme, sıvama, uç boşaltma vb. işlemler ile yarı mamül ve mamül üretimi yapılabilmektedir.

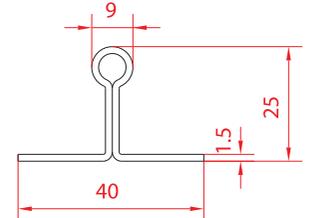
*The design and production of our molds and fixtures that are using in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.*



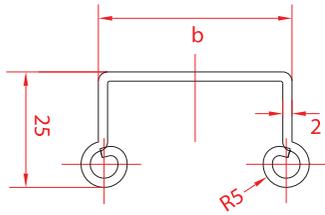
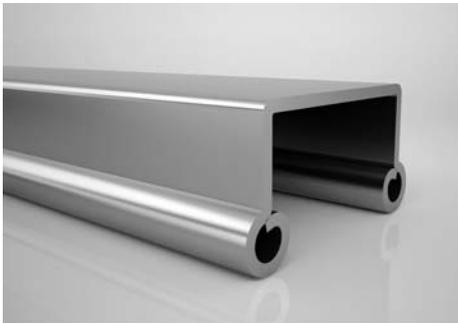
TRM-01



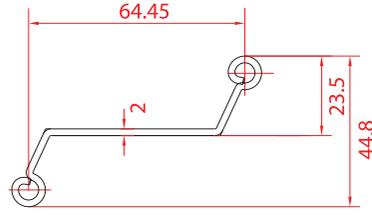
TRM-02



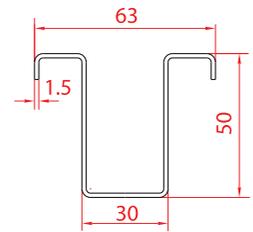
TRM-03



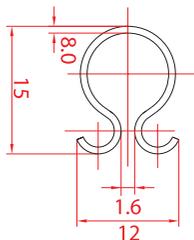
TRM-04



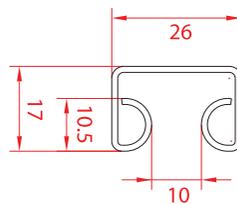
TRM-05



TRM-06

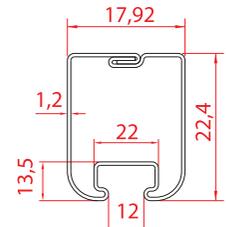


TRM-07

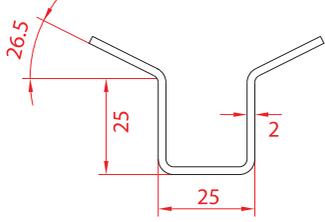


S=1.2 mm.

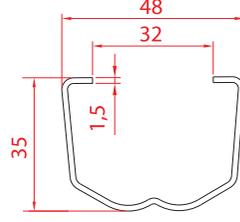
TRM-08



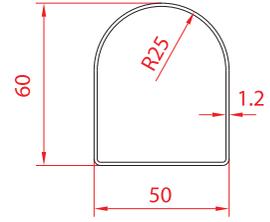
TRM-09



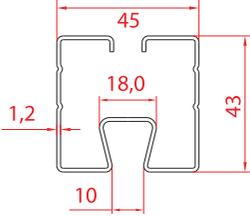
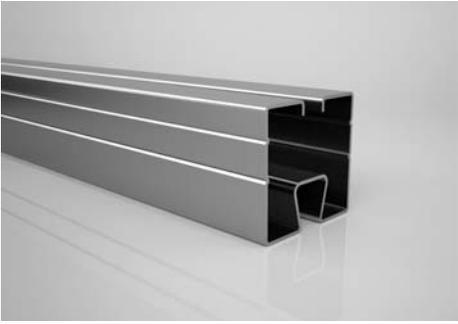
TRM-10



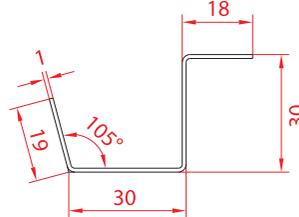
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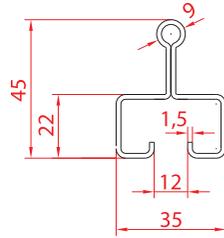
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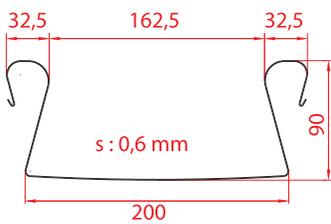
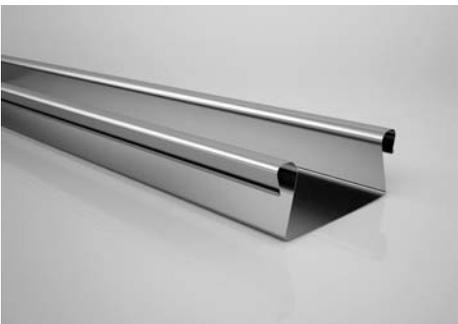
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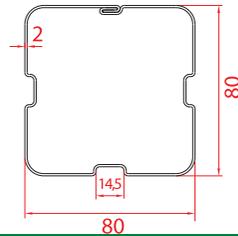
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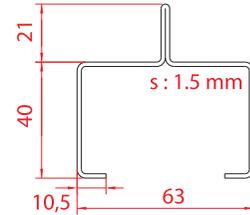
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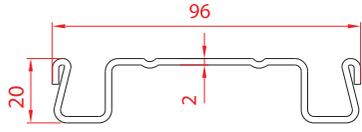
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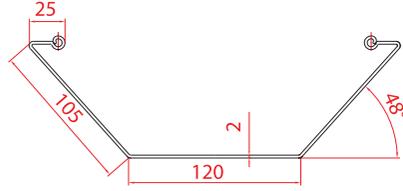
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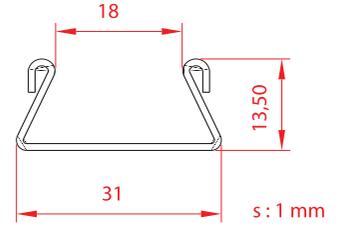
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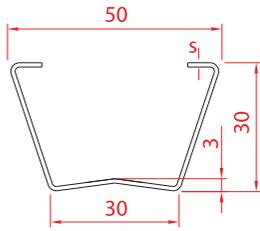
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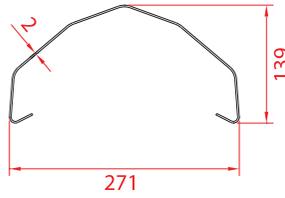
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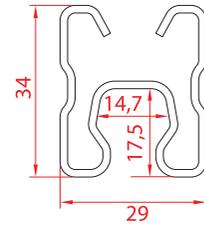
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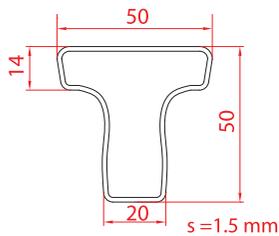
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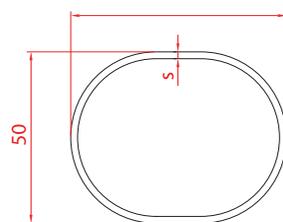
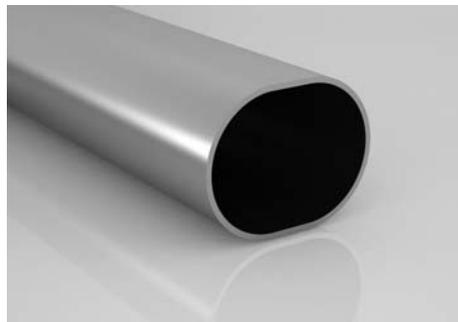
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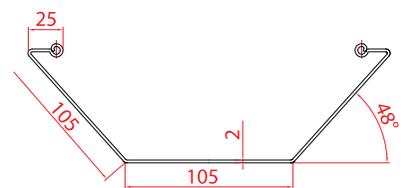
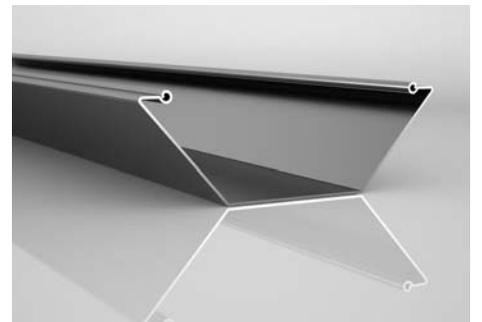
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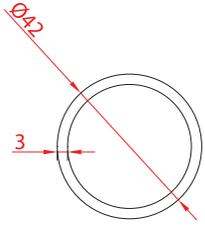
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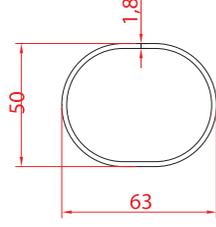
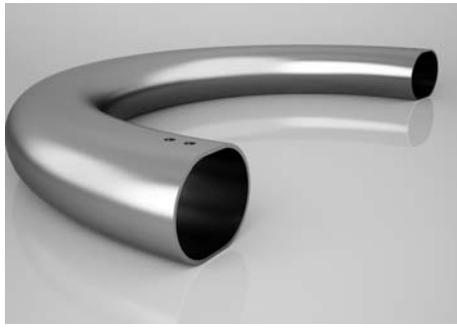
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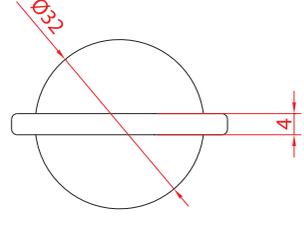
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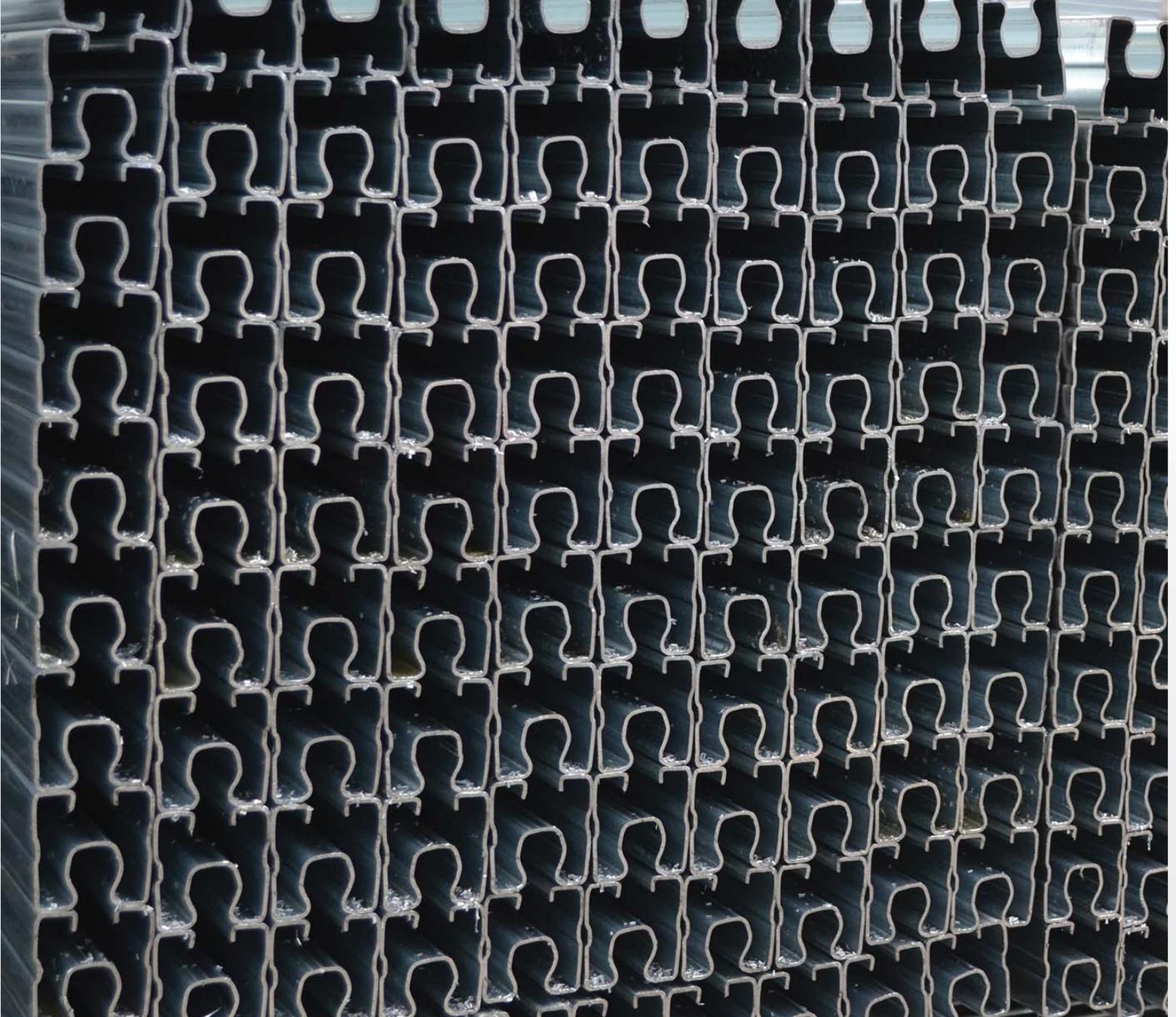
TRM-28



TRM-29



TRM-30



# ELEKTRİK - ELEKTRONİK PROFİLLERİ

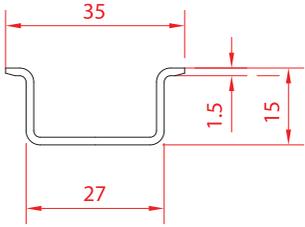
Profiles for Electric & Electronics



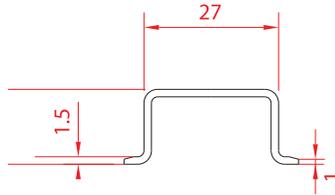
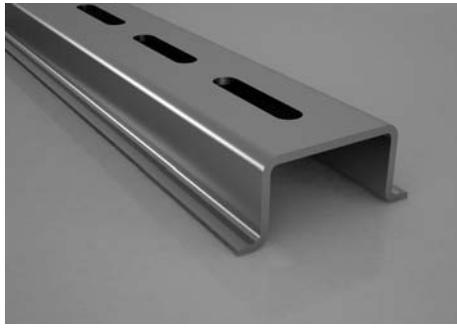
- Klemens montaj rayları
- Kablo taşıyıcı profilleri
- Kablo tavaları
- Beyaz eşya profilleri
- Kulüp profilleri
- Çerçeve profilleri
- Inox malzemedeki özel profiller
- Fırın brülör borular
- Pano profilleri
- Kablo tavaları
- Connector mounting rails
- Cable carrying profiles
- Cable trays
- Profiles for domestic appliances
- Handle profiles
- Frame profiles
- Special profiles with inox material
- Oven burner pipes
- Electrical panel profiles
- Cable glands

Kalıp ve aparatlarımızın tasarımı ve üretimi kendi teknik ekibimiz tarafından yapılmaktadır. Taleplerinize uygun özel kesitli ürünlerde delme, bükme, ezme, sıvama, uç boşaltma vb. işlemler ile yarı mamül ve mamül üretimi yapılabilmektedir.

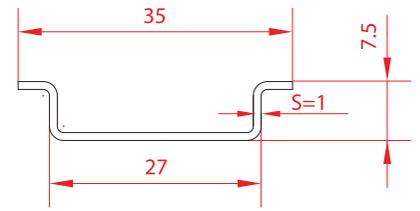
*The design and production of our molds and fixtures that are using in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.*



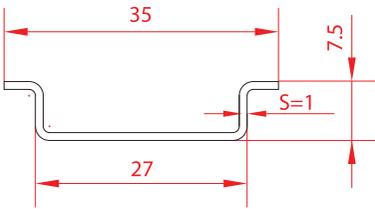
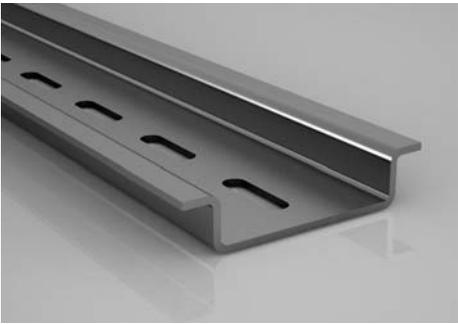
KLM-01



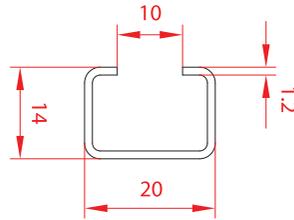
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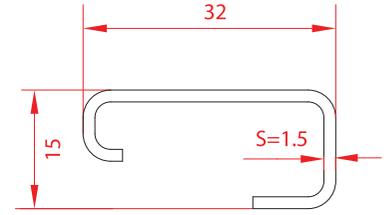
KLM-03



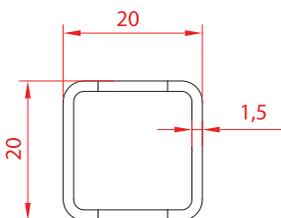
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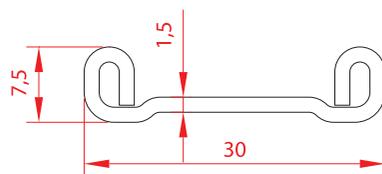
KLM-05



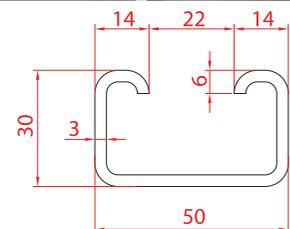
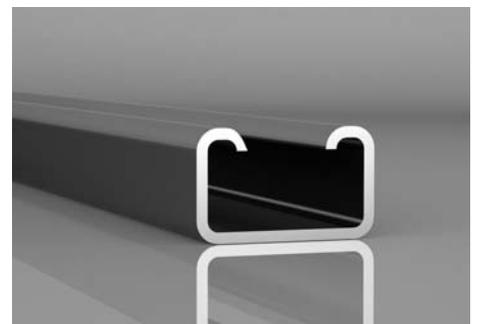
KLM-06



KLM-07



KLM-08



KLM-09

## Magnelis®

**En zorlu koşullarda koruma sağlayan, yenilikçi bir metalik kaplama**  
**The harshest environments need the toughest skin protection**

Magnelis® çeşitli uygulamalarda uzun vadeli yıpranma ve korozyona karşı yüzey koruması sağlayan yeni ve olağanüstü bir metalik çelik kaplamasıdır.

Bu benzersiz kaplama, birçok özelliği bir arada sunmaktadır. Magnelis® size şu avantajları sağlar:

Magnelis® is an exceptional, new metallic steel coating providing surface protection in a variety of applications against long-term wear and tear.

This unique coating offers a combination of attributes. Magnelis® provides:

**En iyi korozyon direnci performansı;  
galvanize çelikten 10 kata kadar daha etkili**

**Zorlu koşullara en uygun dayanma gücü**

**Üretim sonrası galvanizasyona en düşük maliyetli alternatif**

**The best corrosion resistance performance;  
up to 10 times better than galvanised steel**

**The best suited protection to withstand  
harsh environments**

**The most cost-effective alternative to the  
post-galvanised process**

### Magnelis® Uygulama Örnekleri

### Magnelis® examples of applications



Environmentally friendly

**Çevre Dostu**



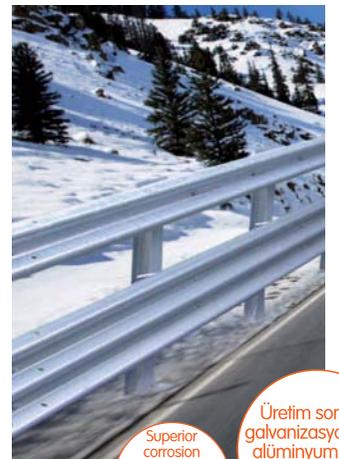
Self-repairing protection for cut edges

**Kesik kenarlarda kendini onaran koruma**



An alternative to the post-galvanising process and to aluminium or stainless

**Klorürlü ve amonyaklı ortamlarda üstün korozyon direnci**



Superior corrosion resistance in chloride and ammonia environments

**Üretim sonrası galvanizasyona ve alüminyum veya paslanmaz alternatif**

**Yeni geliştirilmiş MekoMag Profilleri® Arcelor Mittal'ın yenilikçi kaplaması olan Magnelis® ile kaplanmış yüksek dayanımlı çelikten üretilmiş olup yüksek korozyon dayanımına sahiptir.**

**New improved MekoMag Profiles® are high strength roll-formed sections made from strip pre-coated with the innovative Magnelis® Coating, designed for improved corrosion resistance.**



## Magnelis® Teknolojisi

Magnelis® geleneksel sınav sıcak daldırma galvaniz hattında üretilir, ancak %3,5 alüminyum ve %3 magnezyum içeren, benzersiz metalik kimyasal bileşimli bir ergimiş çinko banyosuna daldırılır. %3'lük magnezyum, yüzeyin tamamına yayılan düzgün ve dayanıklı bir tabaka oluşturması ve daha az magnezyum içeren kaplamalardan çok daha etkili bir korozyon koruması sağlaması nedeniyle büyük önem taşımaktadır. Buna bağlı olarak, ArcelorMittal Magnelis® ile üretilen mekoMag Magnelis®, alternatif Avrupa ürünlerine kıyasla çok üstün bir performans sağlar.

## Magnelis® Technology

Magnelis® is produced on a conventional industrial hot dip galvanizing line. The steel substrate is dipped in a molten bath to apply a metallic zinc coating with a unique chemical composition comprising 3.5% aluminum and 3% magnesium. This 3% magnesium is crucial, as it creates a stable and durable layer across the entire surface, ensuring far more effective corrosion protection than coatings with a lower magnesium content. Comparative tests have shown that ArcelorMittal's Magnelis® offers significantly better performance than alternative European products.

## Magnelis® Dayanıklılığı

Magnelis® çeşitli uygulamalarda uzun vadeli yıpranma ve korozyona karşı yüzey koruması sağlayan yeni ve olağanüstü bir metalik çelik kaplamasıdır.

Bu benzersiz kaplama, birçok özelliği bir arada sunmaktadır. Magnelis® size şu avantajları sağlar:

- En iyi korozyon direnci performansı; galvanize çelikten 10 kata kadar daha etkili
- Zorlu koşullara en uygun dayanma gücü
- Üretim sonrası galvanizasyona en düşük maliyetli alternatif
- Magnelis®, doğal koyu gri, pütürsüz ve düzgün bir estetik görünüme sahiptir
- Magnelis® Yüksek alkali ortamlarda (10 ile 13 arası bir pH değeri), Magnelis® diğer metalik kaplamalara kıyasla üstün bir korozyon direnci sergilemektedir. Ürün, kimyasal bileşimi sayesinde, amonyaklı bir ortamda korozyona karşı koruma bariyeri oluşturma açısından daha iyi kalite karakteristiklerine sahiptir.
- Açıkta kalan kesik kenarları, korozif reaksiyonların oluşumunu önleyen çinko esaslı magnezyumlu ince bir koruyucu film ile korumaktadır.
- Magnelis® ayrıca, uzun vadede daha uzun ömürlü ve etkin bir kaplama koruması sağlamayı garanti eder.

## Magnelis® Durability

The Magnelis® coating provides a smooth surface with a uniform coating thickness, purpose designed to perform in general, and construction applications.

Magnelis® is an exceptional, new metallic steel coating providing surface protection in a variety of applications against long term wear and tear. This unique coating offers a combination of attributes.

- The best corrosion resistance performance; up to 10 times better than galvanized steel
- The best suited protection to withstand harsh environments
- The most cost-effective alternative to the post-galvanized process
- Magnelis® has a natural dark grey, spangle-free smooth aesthetic appearance.
- Magnelis® is the optimal coating to protect against atmospheric corrosion, it:  
Withstands the harshest of environments the destruction of coating that occurs in an ammonia environment is seven times less with Magnelis® than with a standard zinc coating and in highly alkaline environments (those with a pH between 10 and 13) Magnelis® corrosion resistance trumps other metallic coatings
- Protects exposed cut edges from corrosive reactions thanks to a thin zinc-based protective film with magnesium
- Guarantees a longer-lasting, active coating protection over time

## Magnelis®'de Kaynak

- Magnelis® kaplamada genelde kullanılan tüm kaynak tipleri uygulanabilir. GMAW, TIG, HFI, Spot, Laser, Plasma vs.
- Magnelis® için kaynak ayarları diğer galvaniz kaplı malzemelere uygulanan ayarlarla aynıdır.
- Düşük kaplama kalınlığına rağmen aynı korozyon korumayı sağlaması daha iyi kaynak tutmasını sağlamaktadır.
- Kaynak yerinin korozyon koruması için üzerine tekrar bir uygulama yapılması gereklidir.

### Welding of Magnelis®

- Most used welding processes are suitable with Magnelis® coating; GMAW, TIG, HFI, Spot, Laser, Plasma etc..
- Welding parameters for Magnelis® are similar to galvanized material welding parameters
- Despite lower coating thickness it provides the same corrosion resistance besides improved weldability.
- For corrosion protection it is necessary to re-apply over the welded point.

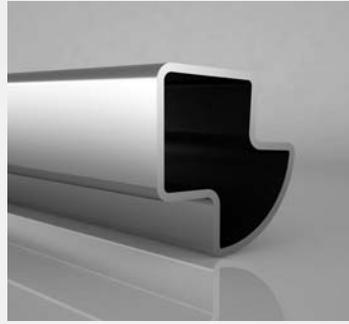


## Magnelis® Kaynak Koruması

- Diğer kaplamalarda da olduğu gibi Magnelis® kaplaması da kaynak alanında bozulmaktadır. Kullanılacak uygulamaya göre korozyon koruması, Magnelis® kaplamanın kendi kendine tamir özelliği sayesinde yetecektir. Eğer yetmez ise kaynak alanının tekrar koruma altına alınması gereklidir.
- Kaynak alanının korunması Al (Alüminyum) veya Al/Zn (%85 Alüminyum / %15 Çinko) karışımının tipik Elektrikli Ark Sprey veya fırça ile uygulanması şeklinde yapılabilir

### Magnelis® Welding Protection

- As with other coatings, Magnelis® coating can be damaged in the welding zone. Depending on the application, the corrosion resistance – thanks to the self-healing effect of Magnelis® coating can be sufficient. If not, measures can be taken to re-protect the weld zone.
- Re – protection of weld via application of a layer of typically Al, Al/Zn (e.g. 85%/15%) or Zn which can be applied by Electric Arc Spraying and/or painting/brushing.



## Kesik Kenarlarda Kendini Onaran Koruma

Magnelis®, çinko kaplamaya eşdeğer bir katodik koruma ile güçlendirilmiş olmasının yanı sıra, açıkta kalan kesik kenarları, korozif reaksiyonların oluşumunu önleyen çinko esaslı magnezyumlu ince bir koruyucu film ile korumaktadır. Bu filmin yapısı, ortama ve alüminyum ve magnezyum içeriğine göre taşıdığı özelliklere bağlı olarak değişir

### Self-healing Property

One of the most remarkable properties of Magnelis® is its ability to self-heal on cut edges. This is typically where corrosion begins.

A zinc-based protective film containing magnesium forms on the cut edge to protect it from the environment.

Magnelis® also demonstrates superior performance in industry-standard salt spray tests. Steels coated with Magnelis® showed no signs of corrosion weeks after other samples were completely corroded. Magnelis® performs more than three times better than galvanized steels.



## Magnelis® Mükemmel İşlenebilirlik

Magnelis® yüksek dirençli, yapışkan metalik tabakası sayesinde, bükme, sıyrma, profil çekme dahil olmak üzere, çeşitli yöntemlerle şekillendirilebilir. Metalik kaplama miktarının azaltılmasıyla birlikte, korozyon direnç seviyeleri korunurken, nokta kaynağı da iyileştirilir. Koruyucu bir oksit bariyeri, kaynağın üstünü kaplayarak kızıl pas oluşumunu engeller. Kaplamanın daha ince olması, işlemeyi kolaylaştırır ve ciddi bir tasarruf sağlar. Magnelis® standart galvanize çelikten üç kat daha iyi performans gösterir, tozlaşma etkisini azaltır ve işleme aletlerinde daha az kaplama ağırlığı kaybı olur.

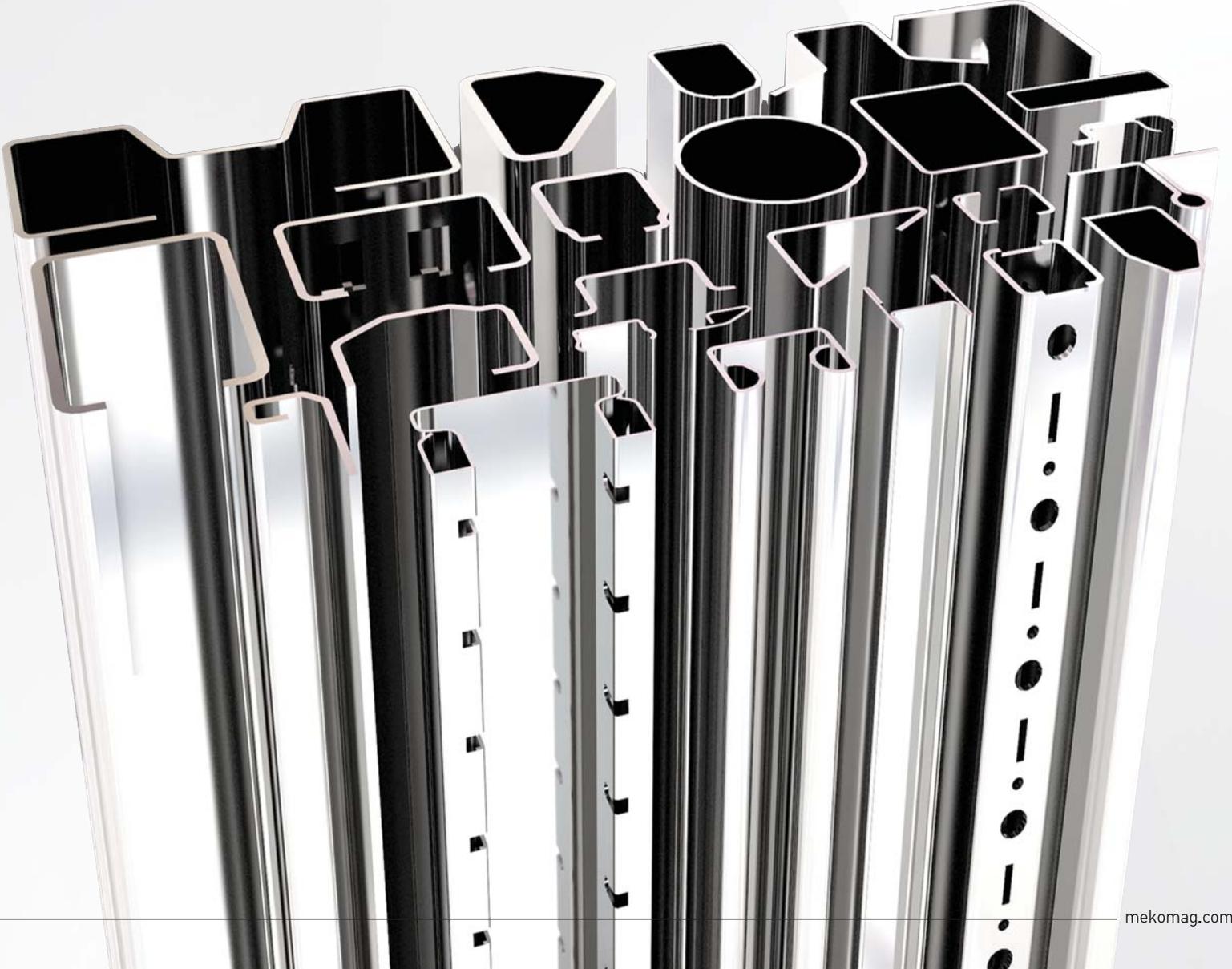
MekoMag Magnelis® profillerin Solar Enerji Projeleri, Yapı ve Çelik Konstrüksiyon Projeleri, Hayvan Barınakları, Tarım ve Sera Projeleri, Çit ve diğer uygulamalarda kullanılmasını tavsiye eder. Müşterilerimizden aldığımız geri dönüşler gayet olumludur.



## Magnelis® Excellent Workability

Thanks to its highly resistant, adherent metallic layer, Magnelis® can be formed in a variety of methods, including bending, drawing, profiling etc. By decreasing the amount of metallic coating, while safeguarding corrosion resistance levels, spot welding is consequently improved. A protective oxide barrier covers the weld, preventing the development of red rust. Thinner coating facilitates processing and delivers substantial savings. Magnelis® performs three times better than standard galvanized steel, reduces powdering effect and loses less coating weight in processing tools.

MekoMag is recommended the use of Magnelis® tubes in Solar Projects, Civil Works & Steel Constructions Project, Animal Housing, Agriculture and Greenhouse Project, fencing and other applications. The feedback we get from our customers is extremely positive.





**KMCGROUP**

**ER-Bi<sup>®</sup>**





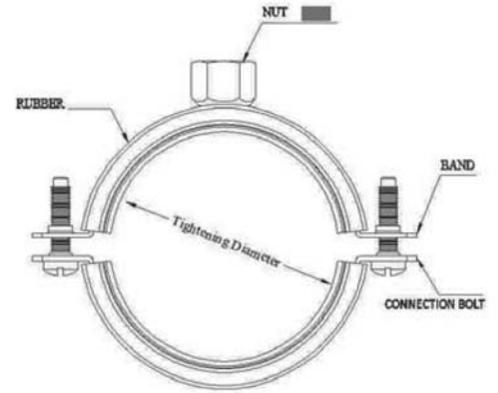
## Ebatlar / Dimensions

Kod/ Code	Ölçü / Size (inch)	Sıkma Aralığı / Tightening Range (mm)	Koli Adeti Qty in A Box	Koli Ağırlığı (kg) Weight of the box	Somun Hunger Nut	Bant / Band (mm)	Bağlantı Civatası Connection Bolt
CTPS-01	1/4"	10-14	250	8,6	M8	1,2x20	M6x15
CTPS-02	3/8"	16-18	250	8,9	M8	1,2x20	M6x15
CTPS-03	1/2"	20-24	200	9,2	M8	1,2x20	M6x15
CTPS-04	3/4"	25-29	150	7,8	M8	1,2x20	M6x15
CTPS-05	1"	32-36	100	5,7	M8	1,2x20	M6x18
CTPS-06	1 1/4"	40-46	100	6,5	M8	1,2x20	M6x18
CTPS-07	1 1/2"	48-53	80	5,5	M8	1,2x20	M6x18
CTPS-08	2"	58-63	50	4,1	M8	1,2x20	M6x18
CTPS-09	2 1/2"	73-82	100	15,1	M10	1,5x25	M6x25
CTPS-10	3"	83-95	90	15,3	M10	1,5x25	M6x25
CTPS-11	-	99-105	90	17,3	M10	1,5x25	M6x25
CTPS-12	4"	108-116	75	14,9	M10	1,5x25	M6x25
CTPS-13	-	120-125	75	16,0	M10	1,5x25	M6x25
CTPS-14	5"	134-142	50	14,1	M10	2,0x25	M6x30
CTPS-15	-	146-160	50	16,4	M10	2,0x25	M6x30
CTPS-16	-	158-168	45	14,9	M10	2,0x25	M6x30
CTPS-17	6"	165-175	45	15,4	M10	2,0x25	M6x30
CTPS-18	8"	218-225	30	12,6	M10	2,0x25	M6x30
CTPS-19	10"	268-280	24	12,6	M10	2,0x25	M6x30

Bant / Band Malzeme No. / Material No: 1.0330 (DC01 Özel Çelik / Special Steel)

Rubber EPDM 50 - 55 Shore / PVC / NBR / SBR / Termo Plastic

- Triyon 7x70 mm, 7x100 mm ve kombine somunlu boru kelepçeleri üretebiliriz.
- Lastiksizini de üretebiliriz
- We can produce pipe clamps with triyon 7x70 mm, 7x100 mm, and combi nut.
- We can produce without rubber.





PATENTED PRODUCT



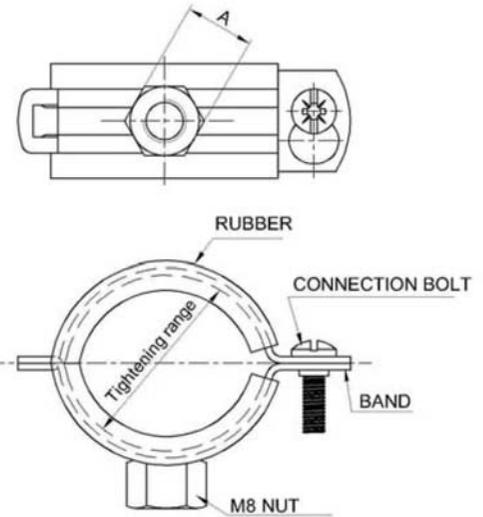
### Ebatlar / Dimensions

Kod/ Code	Ölçü / Size (inch)	Sıkma Aralığı / Tightening Range (mm)	Koli Adeti Qty in A Box	Koli Ağırlığı (kg) Weight of the box	Somun Hunger Nut	Bant / Band (mm)	Bağlantı Cıvatası Connection Bolt
TTS-01	3/8"	16-18	250	9,4	M8	1,2x22	M5x20
TTS-02	1/2"	20-24	200	8,3	M8	1,2x22	M5x20
TTS-03	3/4"	25-29	150	7,6	M8	1,2x22	M5x20
TTS-04	1"	32-36	100	6,6	M8	1,5x22	M5x20
TTS-05	1 1/4"	40-46	100	7,9	M8	1,5x22	M5x20
TTS-06	1 1/2"	48-53	80	6,8	M8	1,5x22	M5x20
TTS-07	2"	58-63	50	5,2	M8	1,5x22	M5x20

Bant / Band Malzeme No. / Material No: 1.0330 (DC01 Özel Çelik / Special Steel)

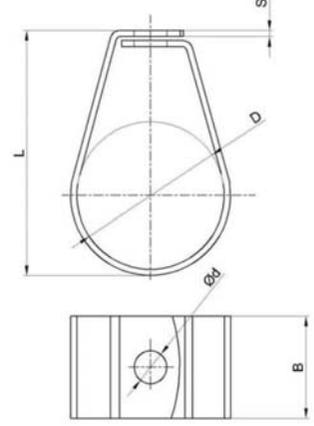
Rubber EPDM 50 - 55 Shore / PVC / NBR / SBR / Termo Plastic

- Trifon 7x70 mm, 7x100 mm ve kombine somunlu boru kelepçeleri üretebiliriz.
- Lastiksizini de üretebiliriz
- We can produce pipe clamps with trifon 7x70 mm, 7x100 mm, and combi nut.
- We can produce without rubber.



## Ebatlar / Dimensions

Kod/ Code	Ölçü / Size (inch)	Sıkma Aralığı / Tightening Range (mm)	Koli Adeti Qty in A Box	Koli Ağırlığı (kg) Weight of the box	sxB (mm)	Ød (mm)	L (mm)	Recommended Load (kN)
SAK-01	1/2"	28	100	4,2	1,2x25	10,5	67	M8
SAK-02	3/4"	30	100	4,7	1,2x25	10,5	71	M8
SAK-03	1"	36	100	5	1,2x25	10,5	82	M8
SAK-04	1 1/4"	46	50	2,8	1,2x25	10,5	92	M8
SAK-05	1 1/2"	52	50	2,9	1,2x25	10,5	100	M8
SAK-06	2"	66	50	3,4	1,2x25	10,5	115	M8
SAK-07	2 1/2"	78	25	4,9	2,5x25	10,5	140	M8
SAK-08	3"	92	25	5,7	2,5x25	10,5	166	M8
SAK-09	4"	116	25	6,7	2,5x25	10,5	205	M8
SAK-10	5"	142	25	11,6	3,0x30	12,5	250	M10
SAK-11	6"	170	25	13,3	3,0x30	12,5	280	M10
SAK-12	8"	222	10	6,3	3,0x30	12,5	400	M10
SAK-13	10"	275	10	8,1	3,0x30	12,5	495	M10

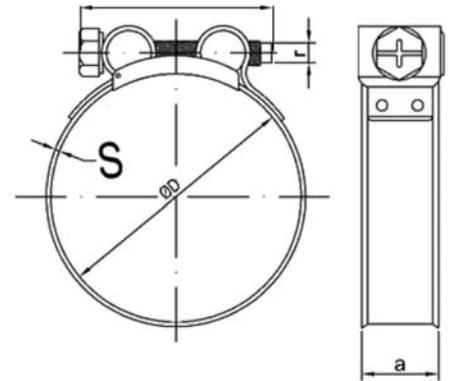


Bant / Band Malzeme No. / Material No: 1.0330 (DC01 Özel Çelik / Special Steel)

- Trifon 7x70 mm, 7x100 mm ve kombine somunlu boru kelepçeleri üretebiliriz.
- We can produce pipe clamps with trifon 7x70 mm, 7x100 mm, and combi nut.

## Ebatlar / Dimensions

Kod/ Code	Ölçü inç / Size Inch	Sıkma Çapı / Tightening Diameter	Koli Adeti Qty in A Box	Koli Ağırlığı (kg) Weight of the box	b (mm)	Vida / Screw	Somun Çapı / Nut Diameter	s (mm)
TEK-01		13-15	50	2,2				
TEK-02		15-17	50	2,2				
TEK-03		17-19	50	2,2				
TEK-04		19-21	50	2,4				
TEK-05		21-23	50	2,5				
TEK-06		23-25	50	2,5	18	M6	11	0,8
TEK-07		25-27	50	2,6				
TEK-08		27-29	50	2,6				
TEK-09		29-31	50	2,8				
TEK-10	1"	31-33	50	2,8				
TEK-11		34-36	50	5,6				
TEK-12	1 1/4"	37-40	50	5,8				
TEK-13		41-43	50	6				
TEK-14	1 1/2"	44-46	50	6				
TEK-15		47-51	50	6,2				
TEK-16		52-55	50	6,4				
TEK-17	2"	56-61	50	6,4				
TEK-18		59-65	50	6,5			14	1,0
TEK-19		62-67	50	6,6				
TEK-20		65-71	50	6,8				
TEK-21	2 1/2"	68-74	50	7				
TEK-22		72-78	50	7,2				
TEK-23		75-83	50	7,4	25	M8		
TEK-24	3"	84-91	50	7,6				
TEK-25	3 1/2"	92-102	25	4				
TEK-26		100-108	25	4,4				
TEK-27		103-110	25	4,6				
TEK-28	4"	110-120	25	4,6				
TEK-29		121-131	25	4,6				
TEK-30	5"	135-145	25	4,8				
TEK-31		145-155	25	4,9				
TEK-32		155-165	25	5				
TEK-33	6"	165-175	25	5,1				



## Malzemeler / Materials

W1	Bant & İç Levha : 1.0330 [ DC01 (C590) Özel Çelik ] Vida : 1.5525 [ (20MnB4) Özel Çinko Kaplama ] Su Testi : 200 saat	Band & Inner Sheet : 1.0330 [ DC01 (C590) Special Steel ] Screw : 1.5525 [ (20MnB4) Special Zinc Plated ] Salt Water Test : 200 hours
W2	Bant & İç Levha : 1.4016 [ (X6Cr17) Manyetik st/st ] Vida : 1.5525 [ (20MnB4) Özel Çinko Kaplama ] Su Testi : 400 saat	Band & Inner Sheet : 1.4016 [ (X6Cr17) Magnetic st/st ] Screw : 1.5525 [ (20MnB4) Special Zinc Plated ] Salt Water Test : 400 hours



Su testi ASTM B117 standartlarına göre yapılır.  
Salt water test is performed regarding ASTM B 117 standards.

## Ebatlar / Dimensions

Kod/ Code	Ebatlar Ømm Dimensions	Sıkma Çapı mm / Tightening Diameter
EXH-01	63	60
EXH-02	67	63
EXH-03	73	70
EXH-04	79	76
EXH-05	92	89

All parts are 316 quality stainless steel

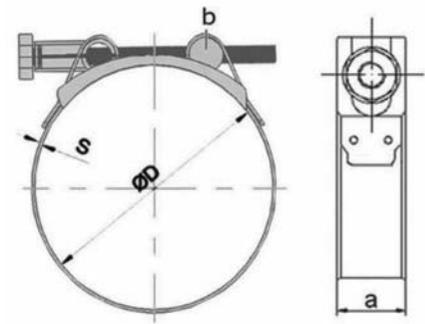
for tuning



We can produce with polished

## Ebatlar / Dimensions

Kod/ Code	Ölçü inç / Size Inch	Sıkma Çapı / Tightening Diameter	Koli Adeti Qty in A Box	Koli Ağırlığı (kg) Weight of the box	b (mm)	Vida / Screw	Somun Çapı / Nut Diameter	s (mm)
TBT-01		29-31	50	3,8				
TBT-02	1"	31-34	50	5,4				
TBT-03		34-37	50	5,5				
TBT-04	1 1/4"	37-40	50	5,5				
TBT-05		40-43	50	5,6				
TBT-06	1 1/2"	43-47	50	6				
TBT-07		47-51	50	6				
TBT-08		51-55	50	6				
TBT-09		55-59	50	6,2				
TBT-10	2"	59-63	50	6,8				
TBT-11		63-68	50	7				
TBT-12	2 1/2"	68-73	50	7				
TBT-13		73-79	50	7,3				
TBT-14		79-85	50	7,6				
TBT-15	3"	85-91	50	7,9				
TBT-16		91-97	25	4	25	M8	14	1,0
TBT-17		97-104	25	4,2				
TBT-18		104-112	25	4,4				
TBT-19	4"	112-121	25	4,6				
TBT-20		121-130	25	4,7				
TBT-21	5"	130-140	25	4,9				
TBT-22		140-150	25	5				
TBT-23		150-162	25	5,2				
TBT-24	6"	162-174	25	5,4				
TBT-25		174-187	25	6,2				
TBT-26		187-200	15	3,6				
TBT-27		200-213	15	4				
TBT-28		213-226	15	4				
TBT-29		226-239	15	4,1				
TBT-30		239-252	15	4,2				



## Malzemeler / Materials

W4

Bant & İç Levha : 1.4301 [ (X5CrNi 18-10) Antimanyetik st/st ] Band & Inner Sheet : 1.4301 [ (X5CrNi 18-10) Antimagnetic st/st ]  
 Vida : 1.4567 [ (X3CrNiCu 18-9-4) Antimanyetik st/st ] Screw : 1.4567 [ (X3CrNiCu 18-9-4) Antimagnetic st/st ]  
 Su Testi : 800 saat Salt Water Test : 800 hours



Su testi ASTM B117 standartlarına göre yapılır.  
 Salt water test is performed regarding ASTM B 117 standards.

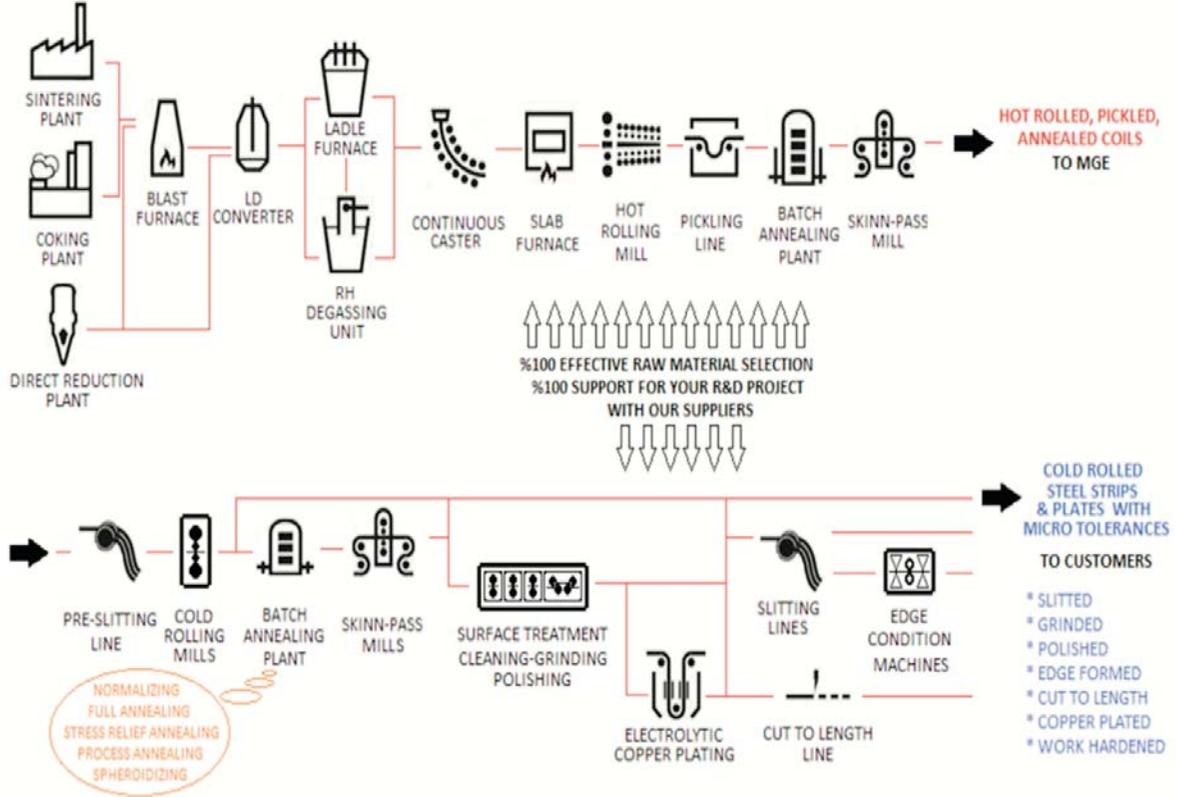


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## ÜRETİM AŞAMALARIMIZ / OUR PRODUCTION STAGES



### SERTLEŞEBİLEN ÇELİKLER / CASE HARDENING STEELS

Standartlar / Standards	EN 10132-2:2000
Kaliteler / Grades	<b>C10E / C15E / 16MnCr5</b>
Yapılabilirlik : Üretim Kalınlıkları Capabilities : Production Thicknesses	0,40mm ~ 6,00mm
Yapılabilirlik : Üretim Genişlikleri Capabilities : Production Widths	7,00mm ~ 350,00mm
Ölçüsel Toleranslar Dimensional Tolerances	EN 10140 ve müşteri anlaşmaları Acc. To EN 10140 and customer agreement
Teslim Şartları ve Formları Delivery Conditions and Forms	A, LC, FA, CR Rulo ve Plaka / Coils and Cut length
Yüzey Özellikleri Surface Properties	MA - RR, RL, RM / Acc. To EN 10139 MB - RL, RM / Acc. To EN 10139

### ISIL İŞLEM ÇELİKLERİ / TEMPERING STEELS

Standartlar / Standards	EN 10132-3:2000
Kaliteler / Grades	<b>C22E / C30E / C35E / C40E / C45E / C50E / C55E / C60E / 34CrMo4 / 42CrMo4</b>
Yapılabilirlik : Üretim Kalınlıkları Capabilities : Production Thicknesses	0,40mm ~ 6,00mm
Yapılabilirlik : Üretim Genişlikleri Capabilities : Production Widths	7,00mm ~ 350,00mm
Ölçüsel Toleranslar Dimensional Tolerances	EN 10140 ve müşteri anlaşmaları Acc. To EN 10140 and customer agreement
Teslim Şartları ve Formları Delivery Conditions and Forms	A, LC, FA, CR Rulo ve Plaka / Coils and Cut length
Yüzey Özellikleri Surface Properties	MA - RR, RL, RM / Acc. To EN 10139 MB - RL, RM / Acc. To EN 10139

### YAY ÇELİKLERİ / SPRINGS STEELS

Standartlar / Standards	EN 10132-4:2003
Kaliteler / Grades	<b>C60S / C67S / C75S / 51CrV4 / 58CrV4</b>
Yapılabilirlik : Üretim Kalınlıkları Capabilities : Production Thicknesses	0,40mm ~ 6,00mm
Yapılabilirlik : Üretim Genişlikleri Capabilities : Production Widths	7,00mm ~ 350,00mm
Ölçüsel Toleranslar Dimensional Tolerances	EN 10140 ve müşteri anlaşmaları Acc. To EN 10140 and customer agreement
Teslim Şartları ve Formları Delivery Conditions and Forms	A, LC, FA, CR Rulo ve Plaka / Coils and Cut length
Yüzey Özellikleri Surface Properties	MA - RR, RL, RM / Acc. To EN 10139 MB - RL, RM / Acc. To EN 10139

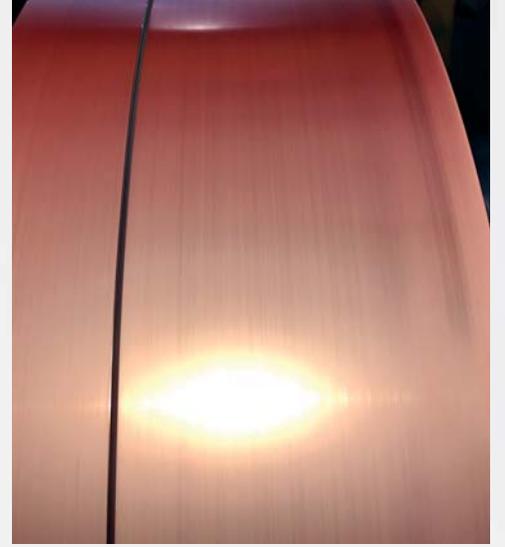
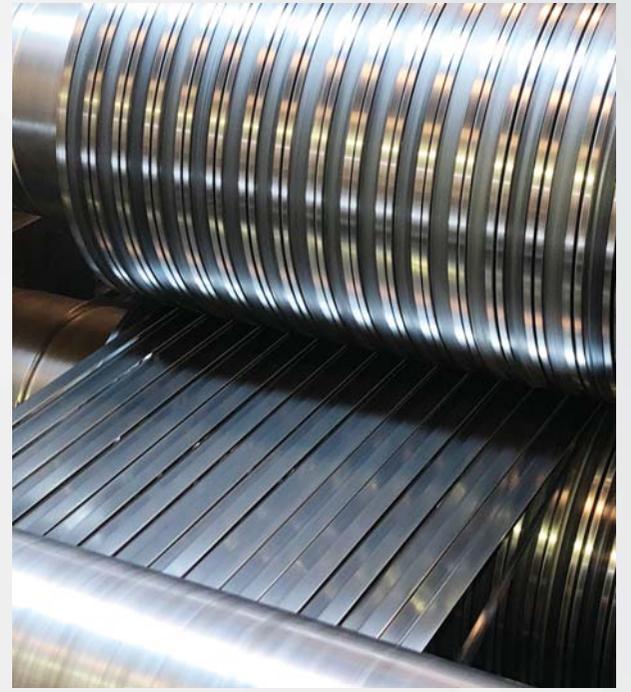
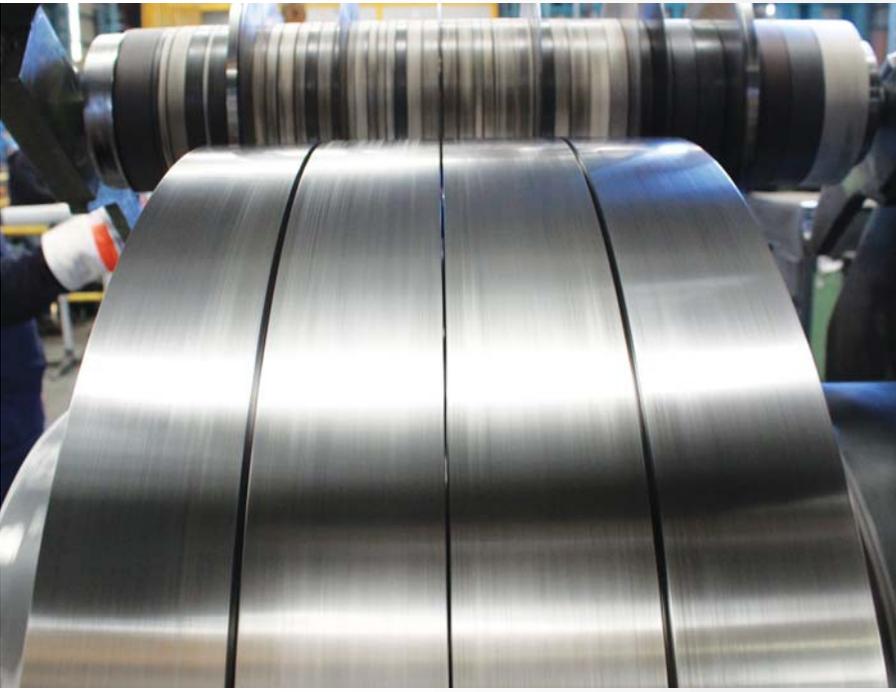
### BOR ALAŞIMLI ÇELİKLER / BORON ALLOYED STEELS

Standartlar / Standards	EN 10083-3:2007
Kaliteler / Grades	<b>20MnB5 / 30MnB5</b>
Yapılabilirlik : Üretim Kalınlıkları Capabilities : Production Thicknesses	0,40mm ~ 6,00mm
Yapılabilirlik : Üretim Genişlikleri Capabilities : Production Widths	7,00mm ~ 350,00mm
Ölçüsel Toleranslar Dimensional Tolerances	EN 10140 ve müşteri anlaşmaları Acc. To EN 10140 and customer agreement
Teslim Şartları ve Formları Delivery Conditions and Forms	A, LC, FA, CR Rulo ve Plaka / Coils and Cut length
Yüzey Özellikleri Surface Properties	MA - RR, RL, RM / Acc. To EN 10139 MB - RL, RM / Acc. To EN 10139

<b>YAPI ÇELİKLERİ / CONSTRUCTION STEELS</b>	
Standartlar / Standards	EN 1623:2009
Kaliteler / Grades	<b>ST37-3G / ST44-3G / ST52-3G</b>
Yapabilirlik : Üretim Kalınlıkları Capabilities : Production Thicknesses	0,40mm ~ 6,00mm
Yapabilirlik : Üretim Genişlikleri Capabilities : Production Widths	7,00mm ~ 350,00mm
Ölçüsel Toleranslar Dimensional Tolerances	EN 10140 ve müşteri anlaşmaları Acc. To EN 10140 and customer agreement
Teslim Şartları ve Formları Delivery Conditions and Forms	A, LC, FA, CR Rulo ve Plaka / Coils and Cut length
Yüzey Özellikleri Surface Properties	MA - RR, RL, RM / Acc. To EN 10139 MB - RL, RM / Acc. To EN 10139

<b>MİKRO ALAŞIMLI YÜKSEK MUKAVEMETLİ ŞEKİLLENDİRMEYE UYGUN SOĞUK SAÇLAR / MICRO ALLOYED COLD ROLLED STEELS WITH HIGH YIELD POINT FOR COLD FORMING</b>	
Standartlar / Standards	EN 10286:2006
Kaliteler / Grades	<b>HC260LA / HC300LA / HC340LA HC380LA / HC420LA</b>
Yapabilirlik : Üretim Kalınlıkları Capabilities : Production Thicknesses	0,40mm ~ 6,00mm
Yapabilirlik : Üretim Genişlikleri Capabilities : Production Widths	7,00mm ~ 350,00mm
Ölçüsel Toleranslar Dimensional Tolerances	EN 10140 ve müşteri anlaşmaları Acc. To EN 10140 and customer agreement
Teslim Şartları ve Formları Delivery Conditions and Forms	A, LC, FA, CR Rulo ve Plaka / Coils and Cut length
Yüzey Özellikleri Surface Properties	MA - RR, RL, RM / Acc. To EN 10139 MB - RL, RM / Acc. To EN 10139

<b>KLASİK SOĞUK HADDELİ ÇELİKLER ve ÖZEL DERİN SIVAMA KALİTELERİ CLASSICAL COLD ROLLED STEELS &amp; SPECIAL DEEP DRAWING GRADES</b>					
Standartlar / Standards	EN 10139: 2007				
Kaliteler / Grades		<b>DC 01</b>	<b>DC 03</b>	<b>DC 04</b>	<b>DC 05</b>
Kimyasal Döküm Analizi Chemical Cast Analysis	C max.	0,12	0,10	0,08	0,06
	Mn max.	0,60	0,45	0,40	0,35
	P max.	0,045	0,035	0,030	0,025
	S max.	0,045	0,035	0,030	0,020
Yapabilirlik : Üretim Kalınlıkları Capabilities : Production Thicknesses	LC	0,40mm ~ 6,00mm			
	C290~C440	0,20mm ~ 5,00mm			
	C490~C690	0,10mm ~ 4,00mm			
Yapabilirlik : Üretim Genişlikleri Capabilities : Production Widths	LC ~ C690	7,00 mm ~ 350,00 mm			
Mekanik Özellikler Mechanical Properties	LC ~ C690	EN 10139 ve özel müşteri anlaşmaları Acc. to EN 10139 and customer special agreement			
Ölçüsel Toleranslar Dimensional Tolerances	LC ~ C690	EN 10140 ve özel müşteri anlaşmaları Acc. To EN 10140 and customer special agreement			
Teslim Formları / Delivery Forms	LC ~ C690	Rulo ve Plaka Coils and Cut Lengths			
Yüzey Özellikleri Surface Properties	LC ~ C690	MA : RR, RM, RL MB : RL, RM MC : RN			





**DİKKAT**  
ELDİVENSİZ  
ÇALIŞMA



**DİKKAT**  
BARETSİZ  
ÇALIŞMA

**KALITE**  
GÜVENCESİ

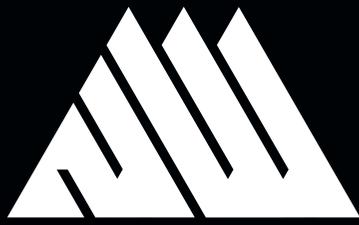
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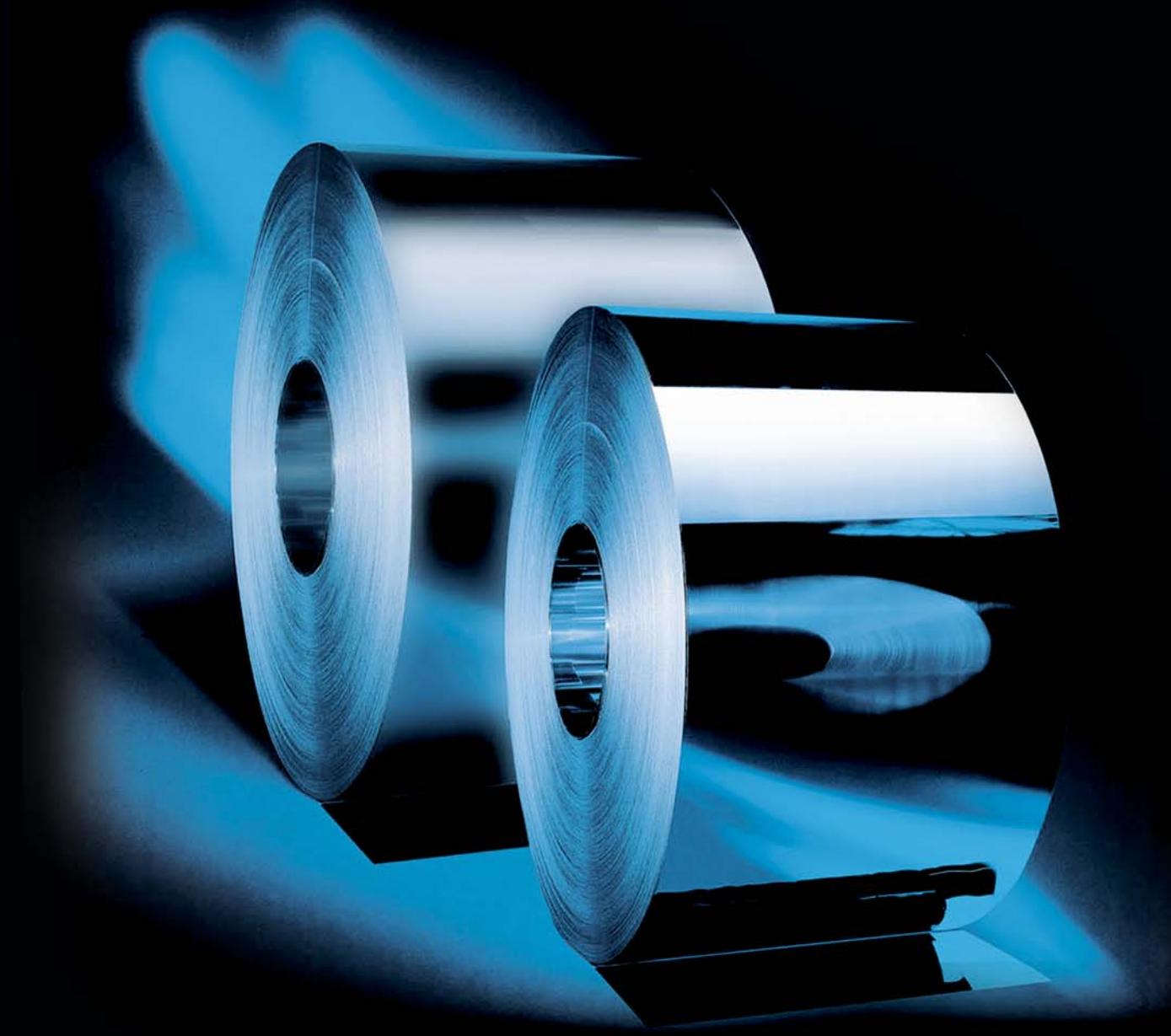
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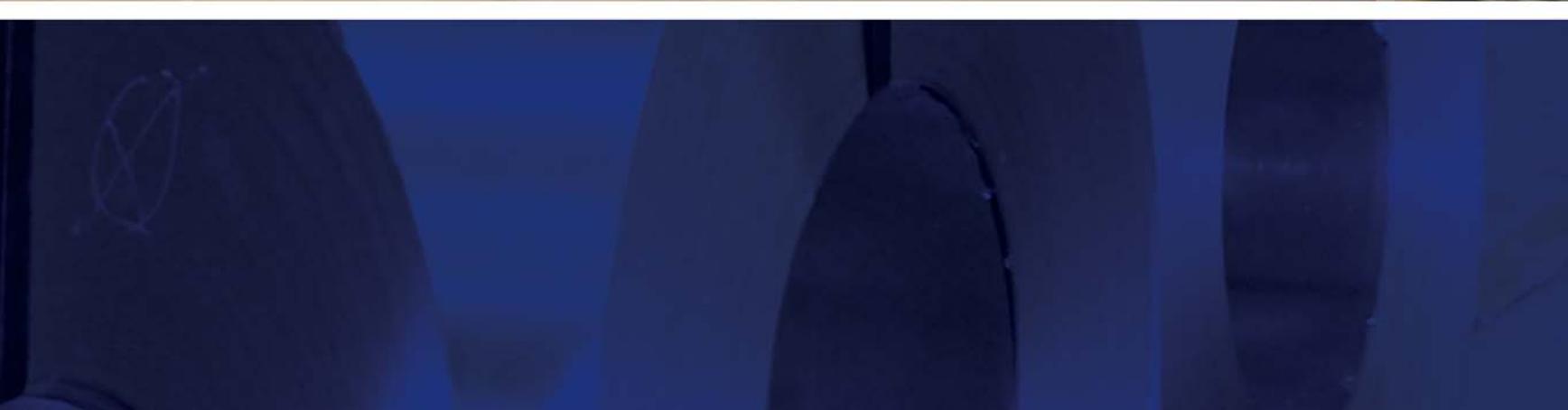


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STEEL SERVICE CENTER





## Hakkımızda

Şirketimiz 1987 yılında yerel bir firma olarak kurulmuş olan KMC Steel Service Center günümüzde Türkiye'nin önde gelen lider kuruluşlarından biri haline gelmiştir.

Şirketimiz 100.000 ton hazır stoğu ile Türkiye'nin en büyük çelik servis merkezlerinden biridir. Firmamız soğuk, sıcak, levha, galvaniz, boyalı galvaniz, alusi, aluzinc, magnelis gibi ürünleri boy kesme ve dilme konusunda uzmanlaşmıştır. Ayrıca stoklarımıza lama, ferforje, köşebent, trapez, baklavali ve gözyaşlı sac eklenmiştir.

KMC, Gebze-Diliskelesi-İzmir-İskenderun olmak üzere Türkiye'nin bütün liman şehirlerinde ve Kayseri'de toplam 150.000 m<sup>2</sup> alan üzerinde 100.000 m<sup>2</sup> kapalı alanda ve fabrikalarıyla Türkiye'nin bütün bölgelerine hizmet vermektedir.

Gebze-İzmir'de Sac İşleme Merkezleri ile Diliskelesi-İskenderun'da ise açık ve kapalı depoları ile müşterilerin anlık taleplerini karşılamaktadır. KMC, ihracat Pazarları ve Türkiye'deki İhracatçı müşterileri için Gebze Tesislerinde Antrepo Hizmeti de vermektedir. KMC, Türkiye'nin 4 farklı bölgesinde CRC-HRC-HDG-Levha-PPGI- Aluminised ürünlerinin tamamını stoklayabilen, işleyebilen tek bağımsız firma olma özelliğine sahiptir.

KMC olarak, 2010 yılından itibaren ihracata yoğunlaşarak günümüze geldiğinde 66 ülkeye toplam cironun yarısını ihracat pazarlarına yapıldığını görüyoruz. 2020 den itibaren ise bu ivmeyi artırarak yeni pazarlarla birlikte bu oranı %60-70 lere çıkarmayı amaçlamaktadır.

## About

*Our company was initially founded in Kayseri in 1987 as a local company, and KMC has become one of the leading companies today in Turkey.*

*KMC is one of the largest stockist and steel service center in Turkey which keep 100.000 mt of flat carbon steel products in its stocks. We are specialized in cutting and slitting Cold Rolled Coil, Hot Rolled Coil, Hot Rolled Plate, Hot Dip Galvanized, Prepainted Galvanized, Aluminised, Aluzinc products. Besides, Flat Iron, Wrought Iron, Angles, Corrugated sheets and chequered materials are made addition to our product range.*

*KMC provide services to all regions of Turkey with its facilities in the ports of Turkey like Gebze - Diliskelesi - İzmir - Iskenderun and in Kayseri. KMC owns indoor areas of 100.000 sqm over a total area of 150.000 sqm all around Turkey.*

*Our company is capable of supplying materials to urgent demands of customers with our processing lines in Gebze, Izmir, and with our warehouses in Diliskelesi and Iskenderun.*

*KMC has a bonded Warehouse in Gebze Facility in order to serve to Export Markets and also for Exporter Customers in Turkey. KMC is the sole independent company which is capable of stocking and processing all the CRC-HRC-HDG Sheet-PPGI and Aluminized products in 4 different regions of Turkey.*

*On behalf of KMC, we have focused on to Export market since 2010 and by today Exportation is consist of 50% of total sales into more than 66 countries. After next year we believe that Export share in total sales will be higher than 60-70% with the help of new markets.*



## Boy Kesme Hatlarımız *Cut to Length Lines*

### Alcos Soğuk Boy Kesme ve Dilme Hattı

Min. ve Maks. Kalınlık : 0,25 - 2,00 mm  
Maksimum Genişlik : 1600 mm  
Maksimum Rulo Ağırlığı: 30 ton

### *Alcos Cold Rolled Cut To Length & Slitting Line*

*Min and Max thickness : 0,25 - 2,00 mm  
Max coil width : 1600 mm  
Max coil weight : 30 tons*



### Sıcak Boy Kesme Hattı 4-18

Min. ve Maks. Kalınlık : 4,00 - 18,00 mm  
Maksimum Genişlik : 1600 mm  
Maksimum Rulo Ağırlığı: 40 ton

### *Hot Rolled Cut To Length Line 4-18*

*Min and Max thickness : 4,00 - 18,00 mm  
Max coil width : 1600 mm  
Max coil weight : 40 tons*



### Sıcak Boy Kesme Hattı 1-6

Min. ve Maks. Kalınlık : 0,70 - 6,00 mm  
Maksimum Genişlik : 2000 mm  
Maksimum Rulo Ağırlığı: 35 ton

### *Hot Rolled Cut To Length Line 1-6*

*Min and Max thickness : 0,70 - 6,00 mm  
Max coil width : 2000 mm  
Max coil weight : 35 tons*



### Sıcak Boy Kesme Hattı 1-4

Min. ve Maks. Kalınlık : 1,00 - 4,00 mm  
Maksimum Genişlik : 1500 mm  
Maksimum Rulo Ağırlığı: 25 ton

### *Hot Rolled Cut To Length Line 1-4*

*Min and Max thickness : 1,00 - 4,00 mm  
Max coil width : 1500 mm  
Max coil weight : 25 tons*



### Soğuk Boy Kesme Hattı Staps

Min. ve Maks. Kalınlık : 0,30 - 2,00 mm  
Maksimum Genişlik : 1600 mm  
Maksimum Rulo Ağırlığı: 10 ton

### *Cold Rolled Cut To Length Line Staps*

*Min and Max thickness : 0,30 - 2,00 mm  
Max coil width : 1600 mm  
Max coil weight : 10 tons*





## Boy Kesme Hatlarımız

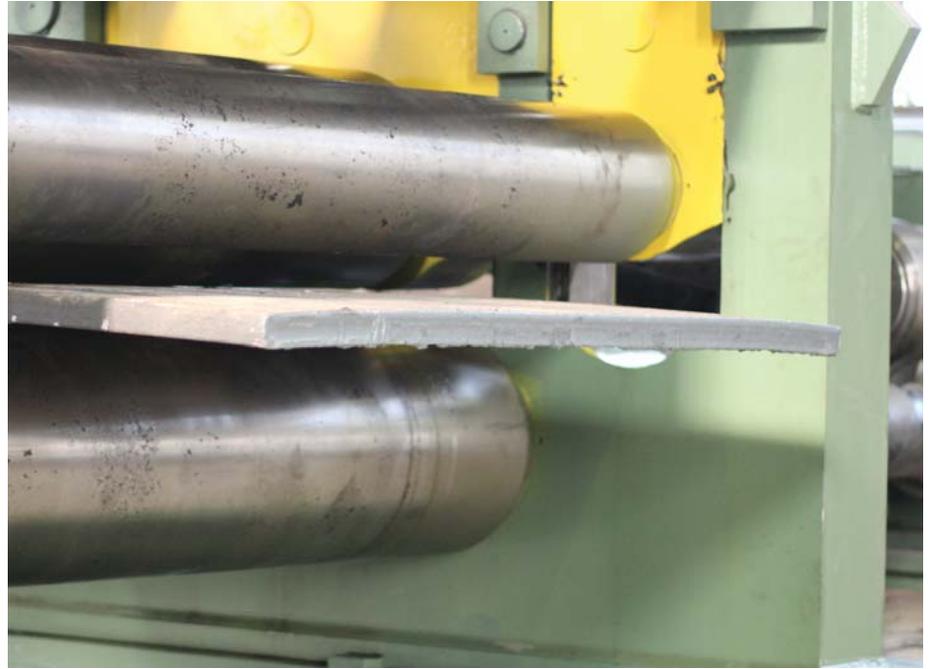
*Cut to Length Lines*

### Sıcak Boy Kesme Hattı 15-50

Min. ve Maks. Kalınlık : 15,00 – 50,00 mm  
Maksimum Geniřlik : 1600 mm  
Maksimum Rulo Ağırlığı : 30 ton

### Hot Rolled Cut To Length Line 15-50

Min and Max thickness : 15,00 – 50,00 mm  
Max coil width : 1600 mm  
Max coil weight : 30 tons





## Dilme Hatlarımız

### Slitting Lines

#### Dilme Hattı - 1

Min. ve Maks. Kalınlık : 0,50 - 4,00 mm  
Maksimum Genişlik : 2150 mm  
Maksimum Rulo Ağırlığı: 40 ton

#### Slitting Line - 1

Min and Max thickness : 0,50 - 4,00 mm  
Max coil width : 2150 mm  
Max coil weight : 40 tons



#### Dilme Hattı - 2

Min. ve Maks. Kalınlık : 0,25 - 3,00 mm  
Maksimum Genişlik : 2000 mm  
Maksimum Rulo Ağırlığı: 25 ton

#### Slitting Line - 2

Min and Max thickness : 0,25 - 3,00 mm  
Max coil width : 2000 mm  
Max coil weight : 25 tons



#### Dilme Hattı - 3

Min. ve Maks. Kalınlık : 0,30 - 3,00 mm  
Maksimum Genişlik : 1600 mm  
Maksimum Rulo Ağırlığı: 15 ton

#### Slitting Line - 3

Min and Max thickness : 0,30 - 3,00 mm  
Max coil width : 1600 mm  
Max coil weight : 15 tons

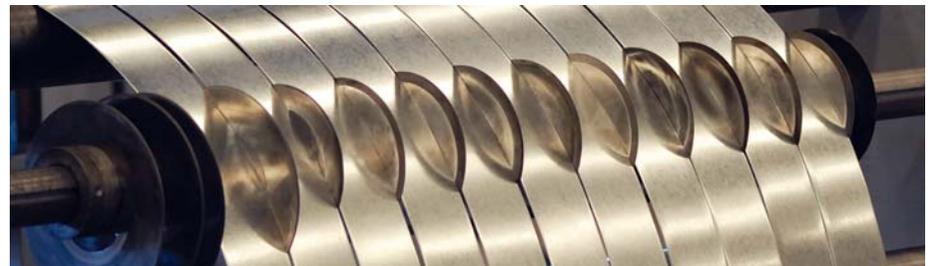


#### Dilme Hattı - 4

Min. ve Maks. Kalınlık : 0,50 - 4,50 mm  
Maksimum Genişlik : 1600 mm  
Maksimum Rulo Ağırlığı: 28 ton

#### Slitting Line - 4

Min and Max thickness : 0,50 - 4,50 mm  
Max coil width : 1600 mm  
Max coil weight : 28 tons





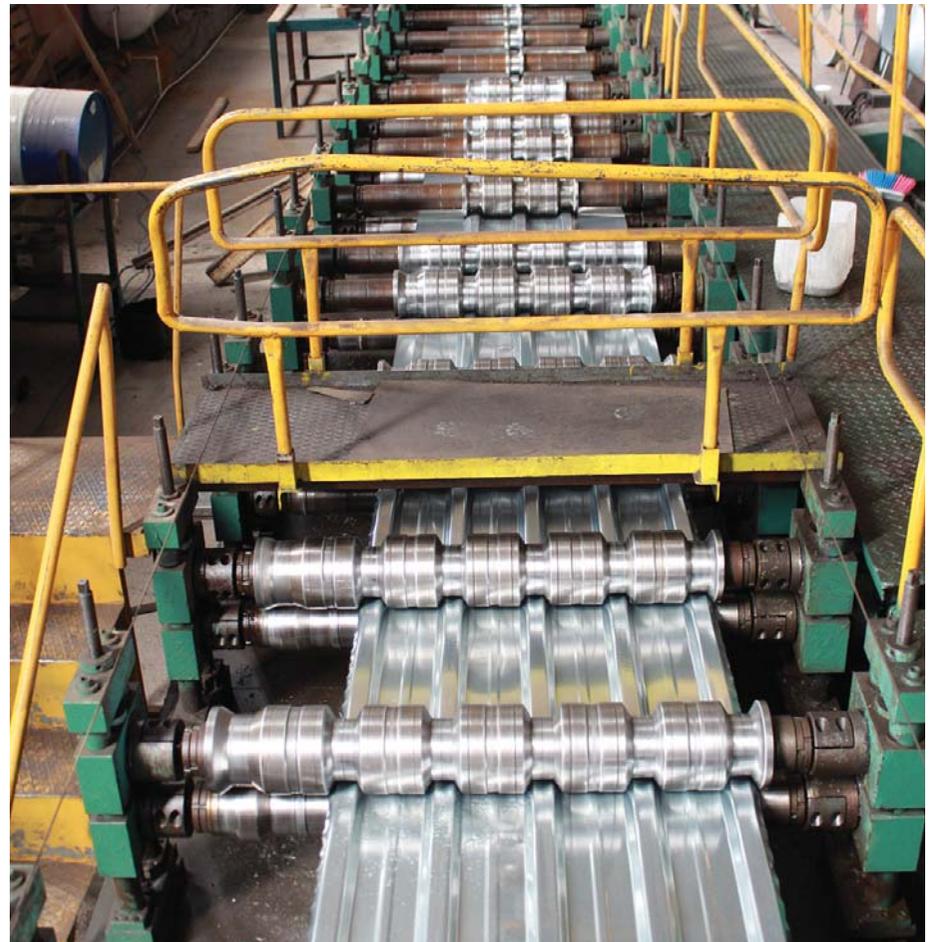
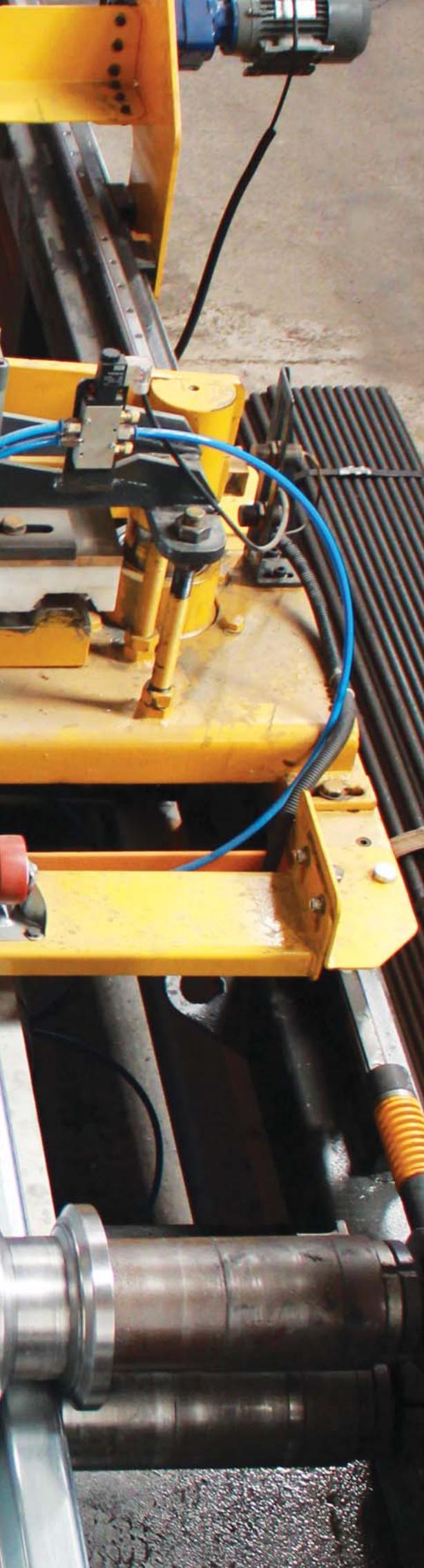
## Trapez Hattımız *Corrugated Line*

### Trapez Hattı

Min. ve Maks. Kalınlık : 0,40 - 1,20 mm  
Maksimum Geniřlik : 1250 mm  
Form : 27/200  
Maksimum Rulo Ağırlığı : 10 ton

### Trapeze Line

Min and Max thickness : 0,40 - 1,20 mm  
Max coil width : 1250 mm  
Form : 27/200  
Max coil weight : 10 tons





KMC steel service center

ERBAG  
SWL 25 TON  
(200000 LB) 2004

YALIK

YALIK

## Levhalar

Şirketimiz yüksek miktarda levha stoğu bulundurmaktadır. Stoklarımızda her kaliteden levha bulunmakla birlikte kalınlık aralığımız 6,00 mm ile 250 mm arası değişmektedir. Ürünlerimiz inşaat, makine, tersane, vb gibi sektörlerde kullanılmaktadır. Ayrıca müşteri taleplerine göre Oxy Cut hattı ile istenilen ebatlara kesim yapabilmekteyiz.

### Hot Rolled Plates

*We keep very large plate stocks in all grades and thickness from 6,00 mm up to 250 mm used by machine Industry, Construction, Shipbuilding, etc... Also, we oxycut the plates by desirable dimensions according to our customer requests.*



## Oksijen Hattımız Oxy Cutting Line

Min. ve Maks. Kalınlık : 6,00 – 50,00 mm  
Maksimum Genişlik : 1000 mm

Min and Max thickness : 6,00 – 50,00 mm  
Max coil width : 1000 mm





6000  
0

76

57

57

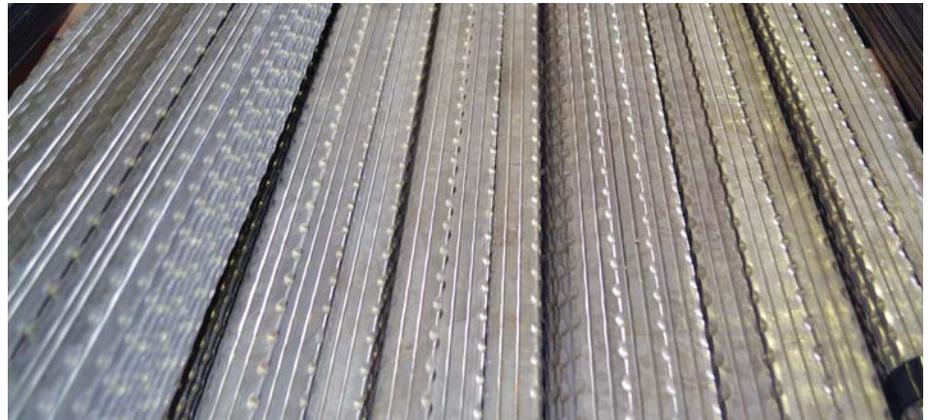
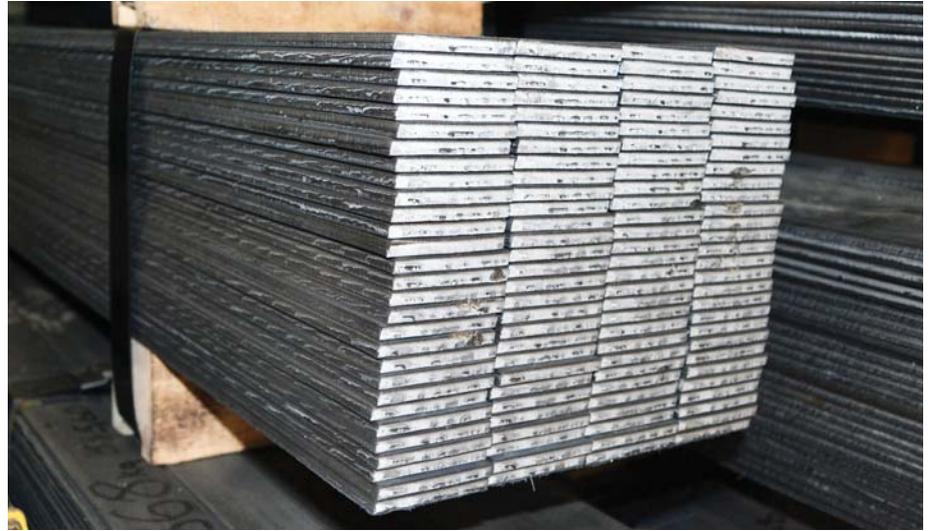
106

1036 K9

## Lama - Ferforje Ürünlerimiz *Flat Bar - Wrought Iron Products*

Min. ve Maks. Kalınlık : 2,50 - 15,00 mm  
Min. ve Maks. Genişlik : 20,00 - 150,00 mm

*Min and Max. thickness : 2,50 - 15,00 mm  
Min. and Max. width : 20,00 - 150,00 mm*



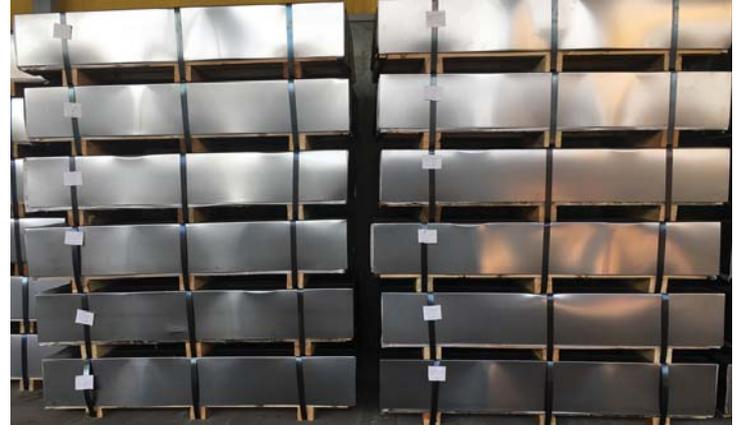
# PAKETLEME

## Packing

### Package Number - 1

In this packing form, all materials are wrapped with waterproof KMC logo papers and covered by metal envelope.

It is used for Cold rolled, Hot dip galvanised and other valuable products.

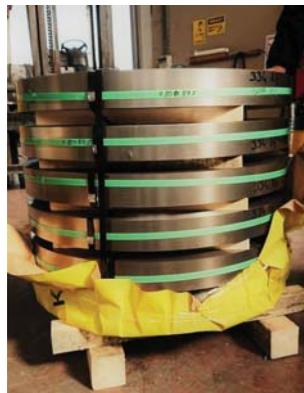
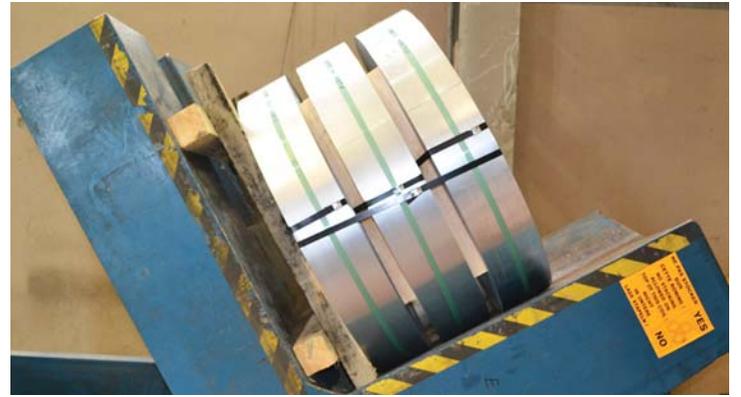


### Package Number - 2

Cold rolled P&O and Galvanised strips are packed with wooden sticks between the small coils.

Afterwards it is covered by waterproof paper and wrapped with steel hoops.

Then it is completed the outside with hardboard carton in order to provide better protection against weather conditions.





### Package Number - 3

Coils are packed with waterproof paper and wrapped with metal hoops.

Additionally, we use harboard cartoon protection for cold rolled and galvanise materials.



### Package Number - 4

We use pallets upto 3 mm thickness and covered with waterproof paper upto 3000 mm length.

We use woods sticks for materials thicker than 3 mm and also be packed with waterproof paper upto 3000 mm length sheets



## DEVAM EDEN ve TAMAMLANAN PROJELER

*Continuing and Completed Projects*





# CRAWLEY TOWN FUTBOL KULÜBÜ

*Crawley Town Football Club*





# SOSYAL SORUMLULUK

*Social Responsibility*



Bet l-Ziya EREN Gen K k Genom ve K k H cre Merkezi



Ahmet EREN Anadolu Lisesi



Erciyes Üni. Ziya EREN Eğitim Fakültesi



Erciyes Üni. İlaç Geliştirme Merkezi



Huriye EREN Ortaokulu







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**ZEREN**  
GAYRİMENKUL





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