



üretim, deneyim, istikrar

BAKIR, ÇİNKO, KURŞUN

COPPER, ZINC, LEAD

production, experience, stability

www.kucukarslanlar.com

[in /kucukarslanlar](https://www.linkedin.com/company/kucukarslanlar)

Türkiye'den, Dünyaya

1968'den bugüne güçlü üretim alt yapılarımız ve 17.000 m²'si kapalı olmak üzere 35.000m²'lik modern üretim tesislerimizde; Türkiye ve dünya pazarı için bakır, çinko ve kurşun işleme alanında faaliyet göstermektediriz.

From Turkey, to the World

We are operating on copper, zinc and lead processing area for Turkey and World market since 1968 on our modern producing plants over 35.000m² half of which is indoor.



1968



1968 yılında Mustafa KÜÇÜKARSLAN tarafından Trabzon Değirmendere Sanayiinde bakır imalatına başlanmıştır.

In 1968, copper production was started by Mustafa KÜÇÜKARSLAN in the Trabzon Değirmendere industrial zone.

1981 yılında kapasitesini arttırarak Trabzon Şana mevkiindeki 2500 m² fabrikasına taşınmıştır.

In 1981, it increased its capacity and moved to a 2500 m² factory in Şana, Trabzon.

1981



1995



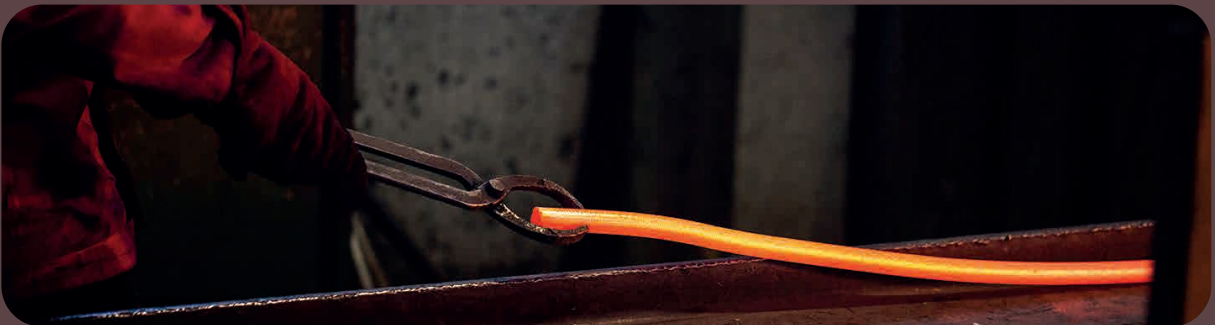
1995 yılında ürün çeşidini ve kapasitesini bakır, çinko, kurşun ve pirinç alanlarında genişletmiştir.

In 1995, it expanded its product range and capacity in the fields of copper, zinc, lead and brass.

Günümüzde Arsin Organize Sanayi Bölgesindeki 16000m²'si kapalı 30000m² alanda faaliyetlerine devam etmektedir.

Today, it continues its activities in an area of 30000m², 16000m² of which is closed, in Arsin Organized Industrial Zone.

2000

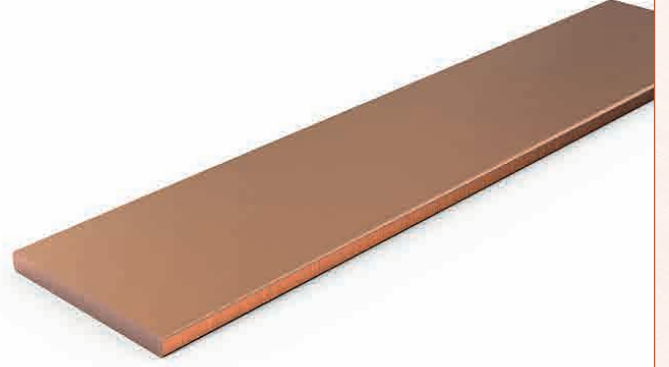
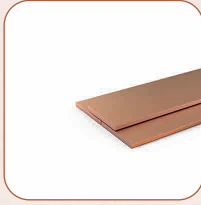
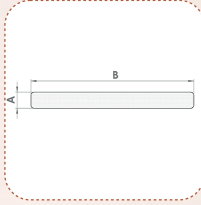


Bakır Lama Copper Busbar

Tipi Type	: Cu-ETP
Standart Standard	: TS 435 - TS EN 13601
Bileşim Composition	: Cu - Min. 99,90%
İletkenlik Conductivity	: 56 - 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

MIN MAX
10x3mm - 200x20mm

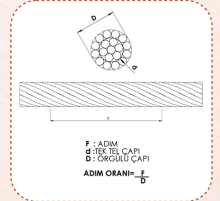
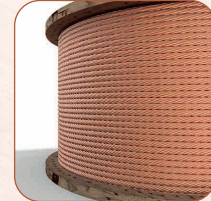


Örgülü Bakır Tel Braided Copper Wire

Tipi Type	: Cu-ETP
Standart Standard	: TS 3 - TS EN 13602
Bileşim Composition	: Cu - Min. 99,90%
İletkenlik Conductivity	: 56 - 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

MIN MAX
10mm - 240mm

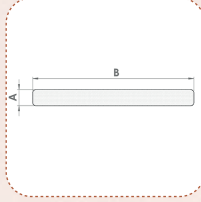


Bakır Lama (Şerit) Copper Busbar (Strip)

Tipi Type	: Cu-ETP
Standart Standard	: TS 435 - TS EN 13601
Bileşim Composition	: Cu - Min. 99,90%
İletkenlik Conductivity	: 56 - 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

← MIN MAX →
10x3mm - 40x2mm

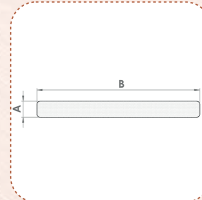


Bakır Yassı Tel Copper Flat Wire

Tipi Type	: Cu-ETP
Standart Standard	: TS 435 - TS EN 13601
Bileşim Composition	: Cu - Min. 99,90%
İletkenlik Conductivity	: 56 - 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

← MIN MAX →
0,4mm - 6mm

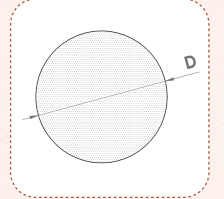




Bakır Topraklama Çubuk Copper Ground Rod

Tipi Type	: Cu-ETP
Standart Standard	: TS 435 - TS EN 13601
Bileşim Composition	: Cu - Min. 99,90%
İletkenlik Conductivity	: 56 - 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

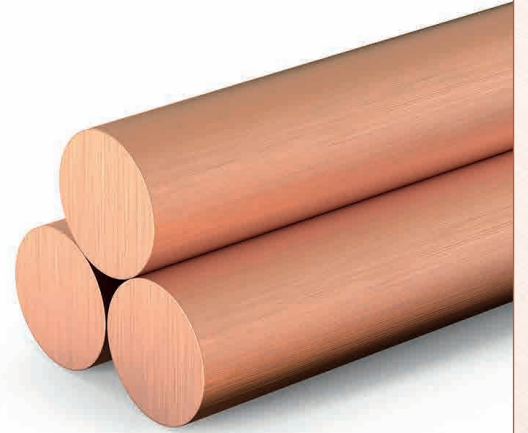
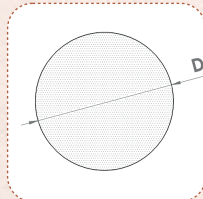
Ebatlar Dimensions	
MIN	12mm - 20mm
MAX	

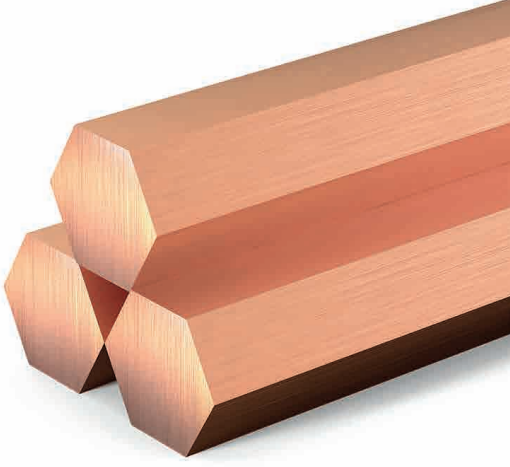


Bakır Çubuk (Yuvarlak) Copper Rod (Round)

Tipi Type	: Cu-ETP
Standart Standard	: TS 435 - TS EN 13601
Bileşim Composition	: Cu - Min. 99,90%
İletkenlik Conductivity	: 56 - 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions	
MIN	8mm - 185mm
MAX	





Bakır Çubuk (Altıköşe) Copper Rod (Hexagon)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 435 – TS EN 13601
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions	
MIN	MAX
12mm	55mm

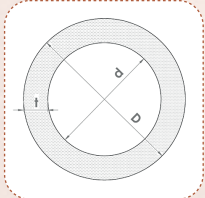


Bakır Boru (İnce Kesit) Copper Tube (Thin Edge)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap Outside Diameter	
MIN	MAX
3mm	108mm

Et Kalınlığı Thickness	
MIN	MAX
0,5mm	5mm

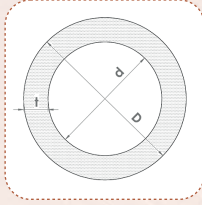


Bakır Boru (Kalın Kesit) Copper Tube (Thick Edge)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap Outside Diameter	
MIN	MAX
12mm	185mm

Et Kalınlığı Thickness	
MIN	MAX
5mm	32,5mm

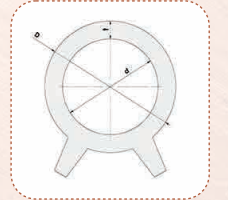


Bakır Boru (Kanatlı) Copper Tube (Winged)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap Outside Diameter	
MIN	MAX
70mm	101,6mm

Et Kalınlığı Thickness	
MIN	MAX
9,0mm	15mm



Bakır Boru (LWC) Copper Tube (LWC)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap
Outside Diameter

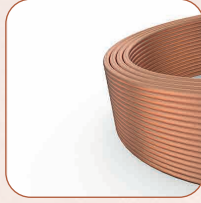
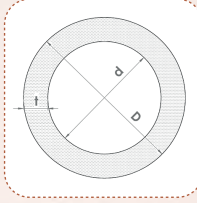
← MIN MAX →

3mm – 23mm

Et Kalınlığı
Thickness

← MIN MAX →

0,5mm – 1,5mm



Bakır Boru (Pancake) Copper Tube (Pancake)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap
Outside Diameter

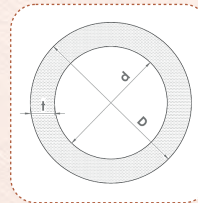
← MIN MAX →

3mm – 23mm

Et Kalınlığı
Thickness

← MIN MAX →

0,5mm – 1,5mm





Bakır Boru Profil (Dikdörtgen) Copper Tube Profile (Rectangle)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap Outside Diameter	
MIN	MAX
6x6mm	90x90mm

Et Kalınlığı Thickness	
MIN	MAX
0,5mm	15mm

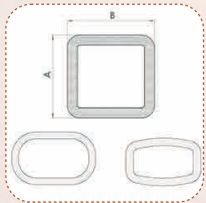


Bakır Boru Profil (Kare) Copper Tube Profile (Square)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap Outside Diameter	
MIN	MAX
8x6mm	100x80mm

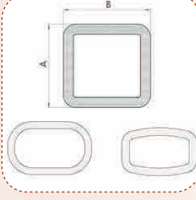
Et Kalınlığı Thickness	
MIN	MAX
0,5mm	15mm





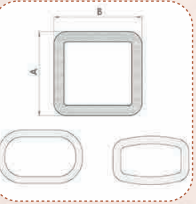
Bakır Boru Profil (Yamuk) Copper Tube Profile (Thick Edge)

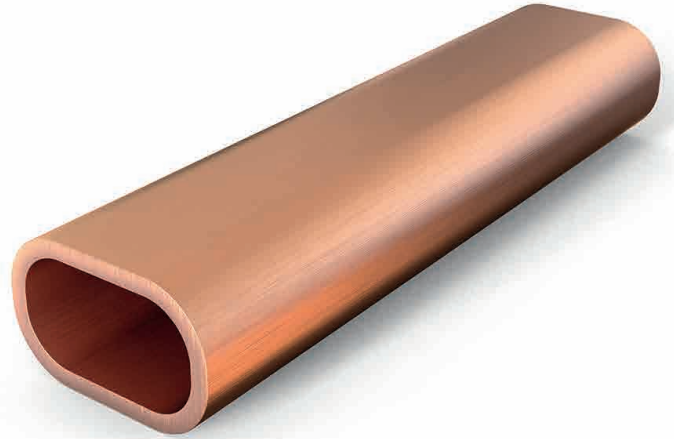
Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap Outside Diameter	Et Kalınlığı Thickness
MIN 8x6mm - MAX 100x80mm	MIN 0,5mm - MAX 15mm
	
	

Bakır Boru Profil (Elips) Copper Tube Profile (Ellipse)

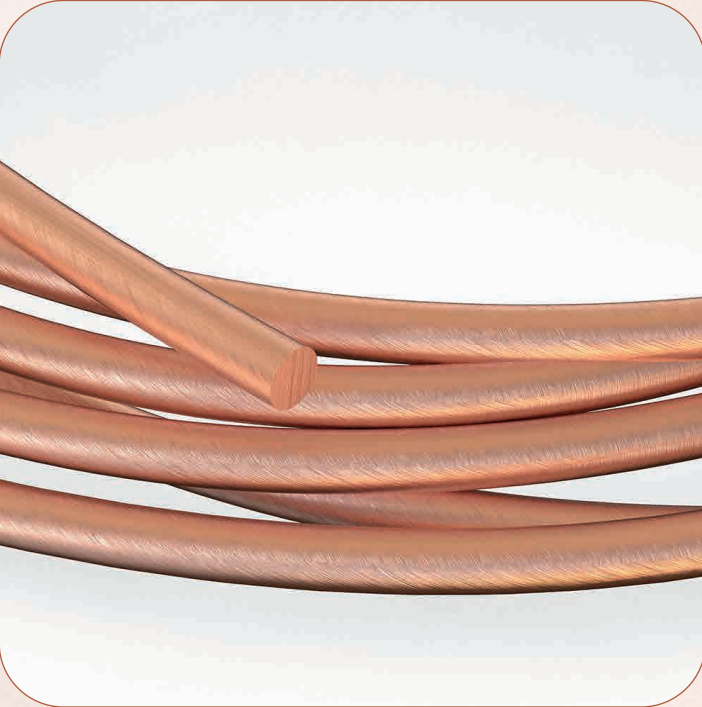
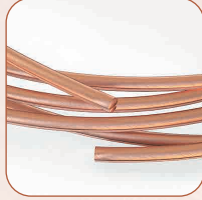
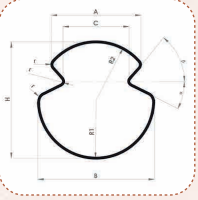
Tipi Type	: Cu-ETP
Standart Standard	: TS EN 12449
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Dış Çap Outside Diameter	Et Kalınlığı Thickness
MIN 8x6mm - MAX 100x80mm	MIN 0,5mm - MAX 15mm
	
	



Seyir Teli (Kontak) Contact Wire

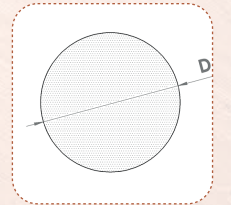
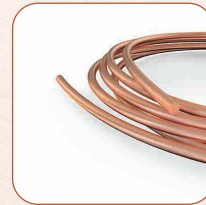
Tipi Type	: Cu-ETP
Standart Standard	: TS EN 50149
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper



Bakır Filmaşın Copper Wire Rod

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 435- TS EN 13601
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions	
MIN	MAX
6mm	11mm

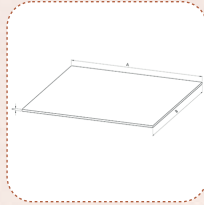


Bakır Levha Copper Plate

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 1652
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

MIN MAX
1000x1000x0,5mm – 1000x1000x6mm

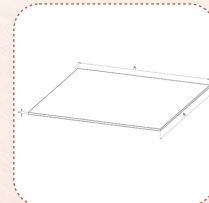
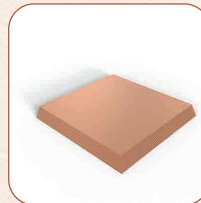


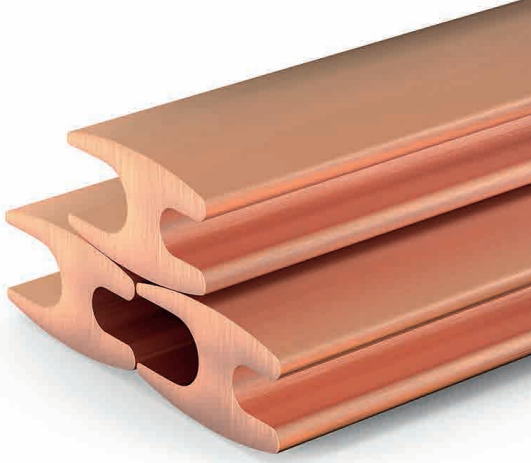
Bakır Topraklama Levha Copper Ground Plate

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 62561-2
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

MIN MAX
400x400x0,5mm – 1000x1000x6mm





Bakır Klemens (H) Copper Terminal (H)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 62561-2
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

← MIN MAX →
50x50mm – 240x240mm

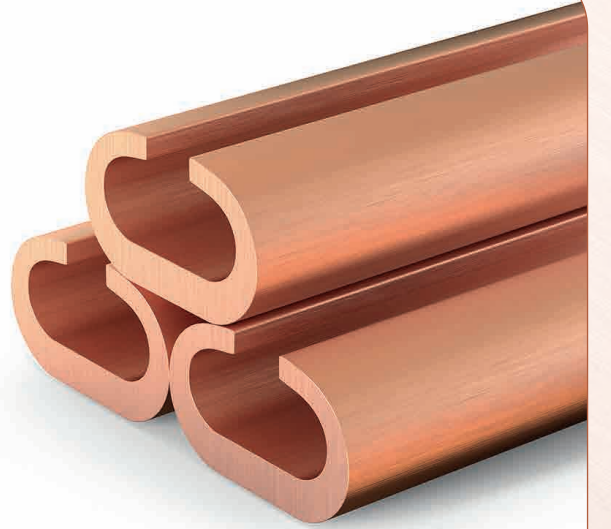
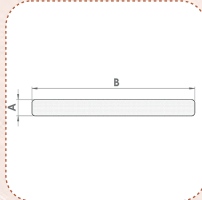


Bakır Klemens (C) Copper Terminal (C)

Tipi Type	: Cu-ETP
Standart Standard	: TS EN 62561-2
Bileşim Composition	: Cu – Min. 99,90%
İletkenlik Conductivity	: 56 – 58 MS/m
Sipariş Order	: Sert, Yarı Tavlı, Tavlı Annealed, Semi Annealed and Hard Copper

Ebatlar Dimensions

← MIN MAX →
35x35mm – 150x240mm



Savunma Sanayii Ürünleri Defense Industry Products

Seçenekler Options

Tipi Type	: Cu-ETP
Standart Standard	: TS EN - ISO
Bileşim Composition	: Cu Min %99,9

Seçenekler Options

Tipi Type	: CUZN10
Standart Standard	: TS EN - ISO
Bileşim Composition	: CU %89 -91 ZN %10 Fe % 005 (Max) Pb % 0.05 (Max)

Dış Çap Outside Diameter		
MIN		MAX
	20mm - 180mm	

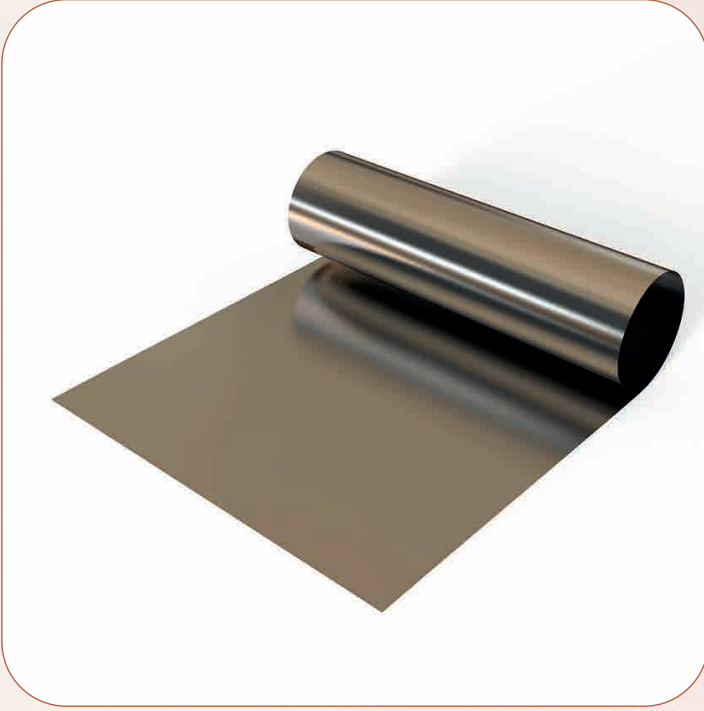
İç Çap Inside Diameter		
MIN		MAX
	10mm - 155mm	



Üst düzey standartlarda, yüksek hassasiyet ve dayanıklılık hedefiyle ürettiğimiz bakır ve bakır alaşımlı özel parçalar savunma sanayii mühimmatlarında kullanılmaktadır. Sevk çemberi, Radar sistemleri, Balistik zırhlar, Topraklama Hatları vb.

Our copper and copper alloy special components, manufactured to the highest standards with the goal of high precision and durability, are used in defense industry ammunition. Examples include propulsion systems, radar systems, ballistic armor, grounding lines, etc.

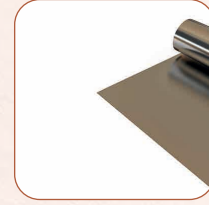
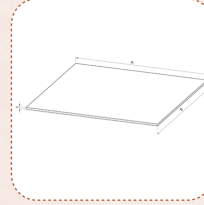




Çinko Levha Zinc Plate

Tipi Type	: Zn
Standart Standard	: TS 8848 EN 988
Bileşim Composition	: Tin Zn %

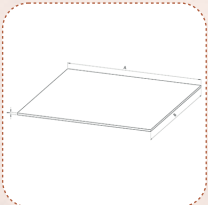
Ebatlar Dimensions	
MIN	MAX
1000x2000x0,55mm	1000x2000x0,85mm



Kurşun Levha Lead Plate

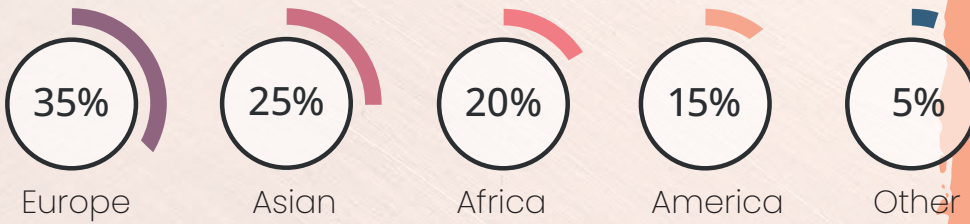
Tipi Type	: Pb
Standart Standard	: TS EN 12588
Bileşim Composition	: Tin Pb %

Ebatlar Dimensions	
MIN	MAX
1000x2000x1mm	1000x2000x3mm





İHRACAT ORANLARI EXPORT RATES



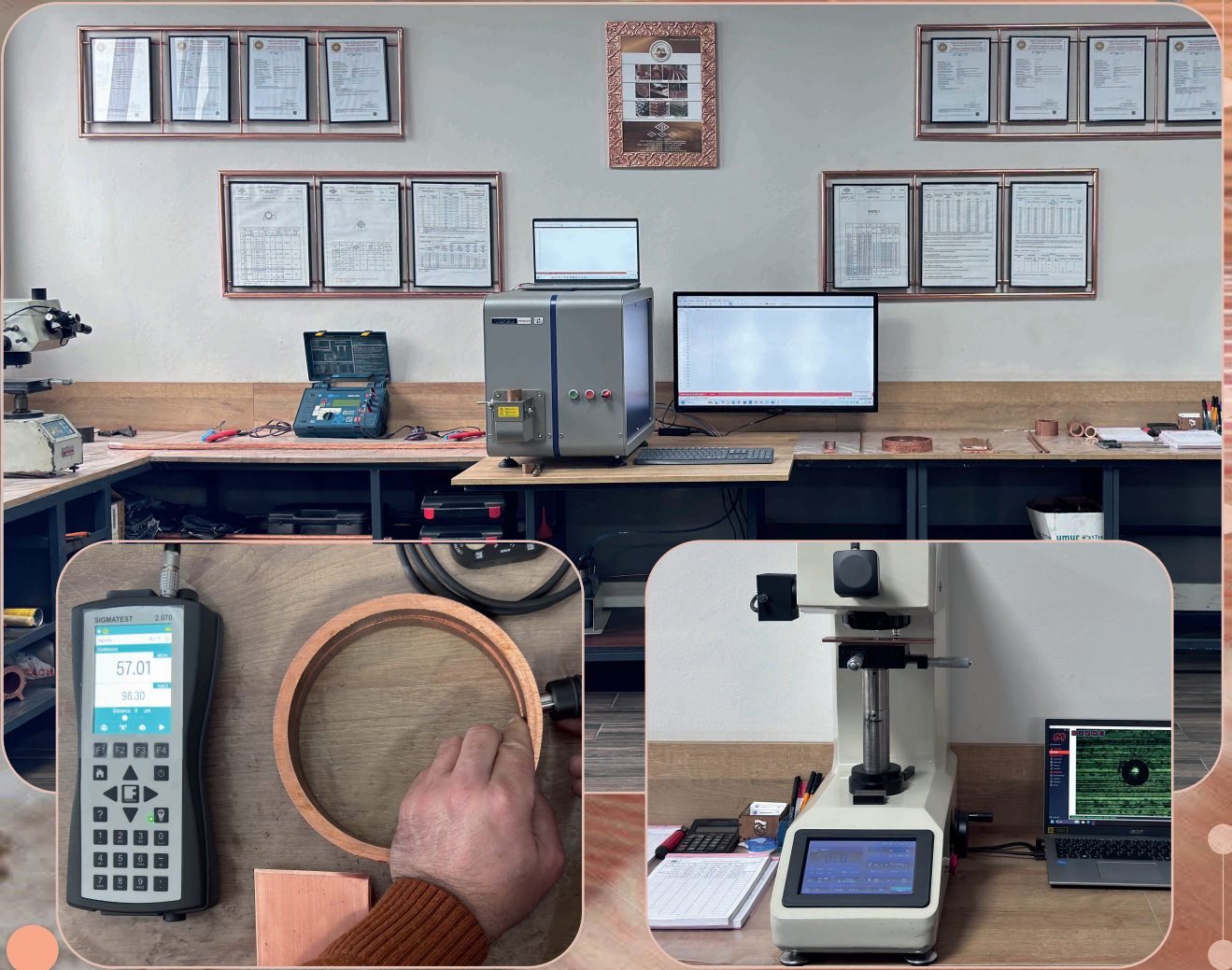
Export to 85 Countries





”

Kalite ve güven odaklı yaklaşımımızla araştırma ve geliştirme faaliyetlerimizi, test ve kontrol aşamalarımızı her gün daha ileriye taşıyoruz



”

With our quality and trust-oriented approach, we take our research and development activities, testing and control stages further every day.

ELEKTROLİTİK BAKIRIN FİZİKSEL ÖZELLİKLERİ

PHYSICAL PROPERTIES OF ELECTROLYTIC COPPER

ÖZELLİK Feature	BİRİM Unit	TAVLI BAKIR Annealed Copper	YARI TAVLI BAKIR Semi Annealed Copper	SERT BAKIR Hard Copper
Yoğunluk Intensity	gr/cm	8,89		
Ergime Noktası Melting Point	°C	1083+0,1		
Kaynama Noktası Boiling point	°C	2595		
Özgül Isı Specific Heat	°C	0,93		
Lineer Genleşme Katsayısı Linear Expansion Coefficient	Cal. Gr/°C	17 x 10 ⁻⁶		
Isı İletkenliği Thermal Conductivity	1/°C	0,934		
Elektrik İletkenliği Electrical conductivity	m/ohm, mm ²	55-58		
Sertlik Hardness	Brinell	35-65	65-85	85+





KÜÇÜKARSLANLAR

BAKIR & ÇİNKÖ SAN. TİC. A.Ş.



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ANKARA

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