

..Kalite,  
güven  
ve tecrübe...



**KOÇAKSAC**<sup>®</sup>

Firmamız, 1980 Yılında Abdurrahman KOÇAK tarafından 60 m<sup>2</sup> bir alanda şahıs firması olarak KOÇAK DELİKLİ SAC TİCARET ünvan'ı altında delikli sac imalatına başlamıştır. Bu süre zarfı içerisinde etkin çalışan personellerimiz ile en ekonomik maliyetle en kaliteli malzemeyi siz değerli müşterilerimizin hizmetine sunmuştur. Müşterilerimizin göstermiş olduğu güven ve destekle emin adımlarla yola devam eden firmamız 1994 yılında şirketleşmiştir.

Zaman içerisinde bilgi birikimi ve edindiğimiz tecrübe ile 1995 Yılında bünyesine Genişletilmiş Metal imalatını da ekleyerek ürün portföyünü genişletmiş ve 1997 Yılında 1. Organize Sanayi Bölgesinde 4000 m<sup>2</sup> kapalı alanı olan yerimize taşınarak deneyimli ve alanında uzman personelimize siz değerli müşterilerimizin istek ve taleplerine cevap vererek bu sektördeki eksikliğini gidermiştir.

Firmamız bünyesinde mevcut olan Delikli Sac ve Genişletilmiş Metal makinelerine ek olarak taleplere daha hızlı cevap verebilmek ve sektöründe ki konumuna da önem vererek Makine Parkuruna CNC Telerezyon, CNC Punch, CNC Lazer Kesim ve CNC Kesim & Büküm Makinelerini de dahil etmiştir.

Bilindiği gibi kalite bir yaşam biçimidir. Firmamız teknolojiyi ve sektörümüzdeki yenilikleri yakından takip etmekte, müşterilerimizin istek ve taleplerini dikkate alarak kendi öz sermayesi ile yatırımlar yapmakta Ar-Ge çalışmalarında bulunmakta ve bu çalışmalar sonucunda mevcut ürün ve modellerimize yenilerini ekleyerek verdiği hizmet ile müşteri memnuniyetini ön planda tutarak kaliteden taviz vermeden yüksek kazanç gözetmeden siz değerli müşterilerimizin taleplerinde gerek satış öncesinde gerekse satış sonrasında kararlı duruşumuzla emin adımlarla yolumuzda ilerlemekteyiz.

Kuruluşumuzdan bugüne kadar işimize göstermiş olduğumuz hassasiyet ve özen ile alınan siparişlerin zamanında ve eksiksiz olarak kaliteden ödün vermeden kalitesi yüksek ürünlerimizi düşük maliyetlerle sizlere ulaştırdık ve ulaştırmaya da devam ediyoruz.

Bu zorlu ve meşakkatli yolda bize göstermiş olduğunuz ilgi, alaka ve desteklerinizden dolayı teşekkür eder...

Çalışmalarınızda Başarılar Dileriz.



# Kalite, güven ve tecrübe...



*Our firm, established by Abdurrahman KOÇAK as a private firm in a 60 m<sup>2</sup> area in 1980, began to produce perforated sheet metal under the title of KOÇAK DELİKLİ SAC TİCARET. Within this period, it offered the best qualified materials with the optimum economic cost via our efficiently working staff to you esteemed customers. Our firm, taking firm steps forward with the trust and support of our customers, was incorporated in 1994.*

*Our firm extended its product portfolio by adding the Expanded Metal production to its own structure in 1995 through the know-how and experience we have had within time. Moving into a new facility which has 4000 m<sup>2</sup> area in First Organized Industrial Zone in 1997, the firm filled the gap in this sector by responding the needs and demands of our esteemed customers with our experienced and expert staff in the field.*

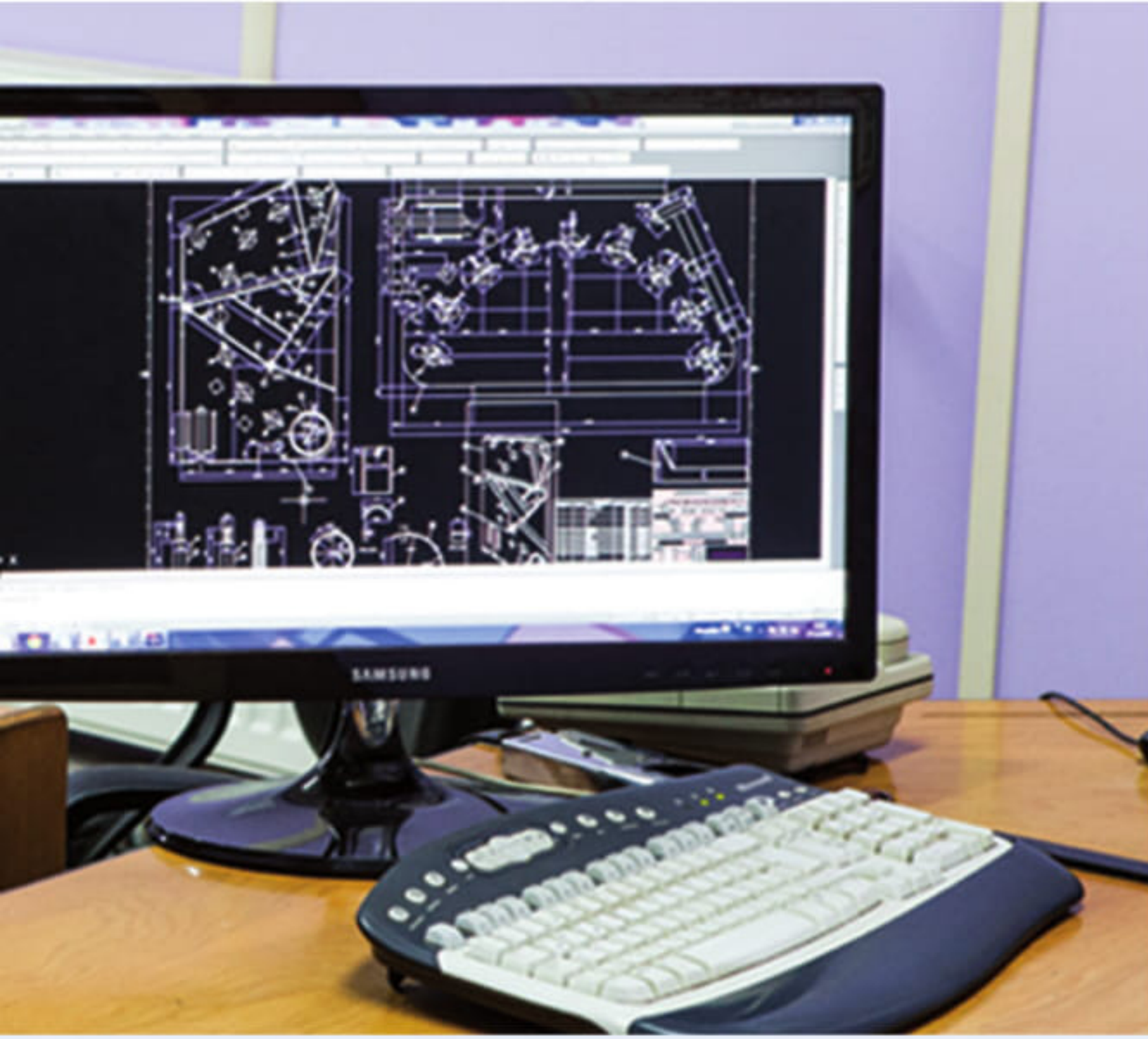
*In addition to the Perforated Sheet Metal and Expanded Metal machines available in its structure, the firm included Cnc Wire Erosion, Cnc Punch, Cnc Laser Cutting and Cnc Cutting & Bending Machines to its own machinery to meet the demands rapidly while paying attention to the its position within the sector.*

*As it is known, quality is a life style. Our firm keeps up with the technology and the innovations in our sector closely; makes investments with its own capital by taking into consideration the needs and demands of our customers; carries on works in R&D and as a result of these works by adding new products and models to our current ones, by giving particular importance to our customers' satisfaction through our firm's service, by protecting you our esteemed customers' rights without giving compensation from quality and seeking huge profits, we are taking firm steps with our decisive attitude both after and before the sale.*

*With sensitivity and care we have shown since from our foundation up to the present, we have supplied and continue to supply our high qualified products at low costs completely and in time to our customers without making concession from quality.*

*We thank for your concern, interest and support on this compelling and exhausting way.*

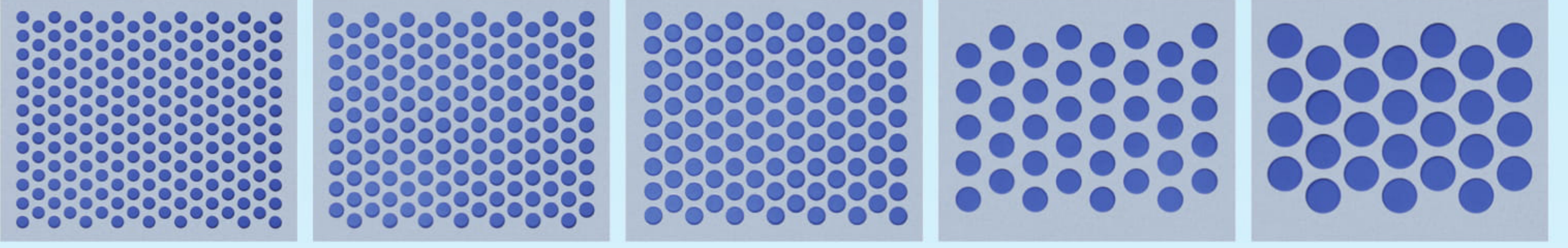
*We Wish You Success.*



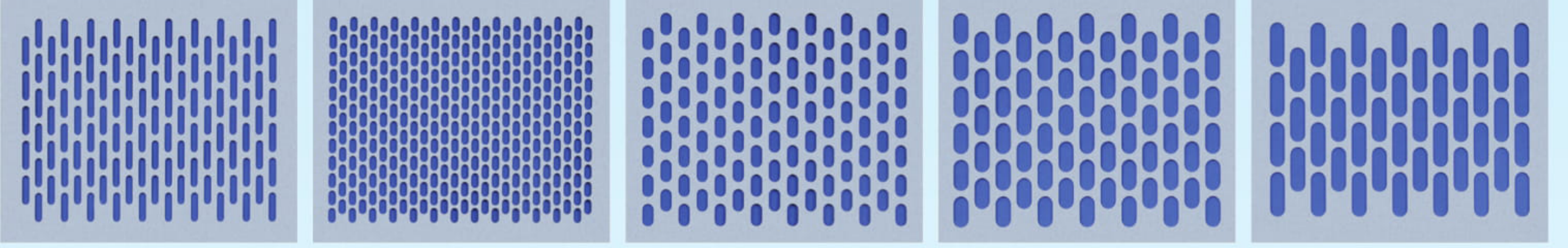
## ZER KESİM

## KOÇAK DELİKLİ SAC

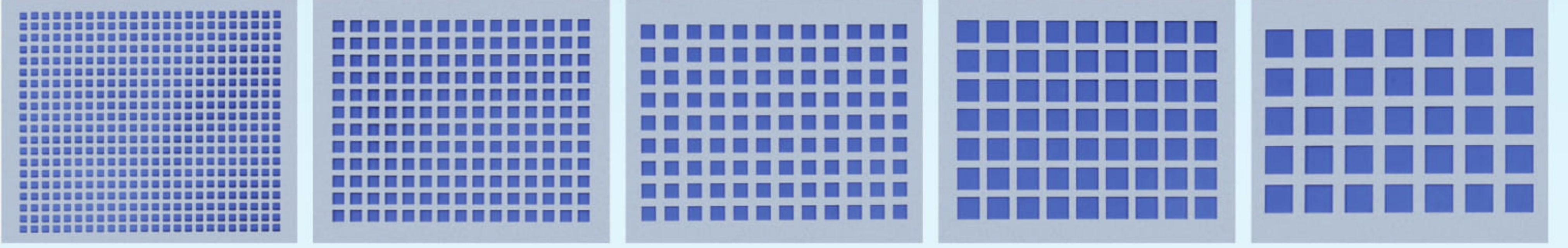
## Yuvarlak Delikli Saclar / Raund Perforated Sheet



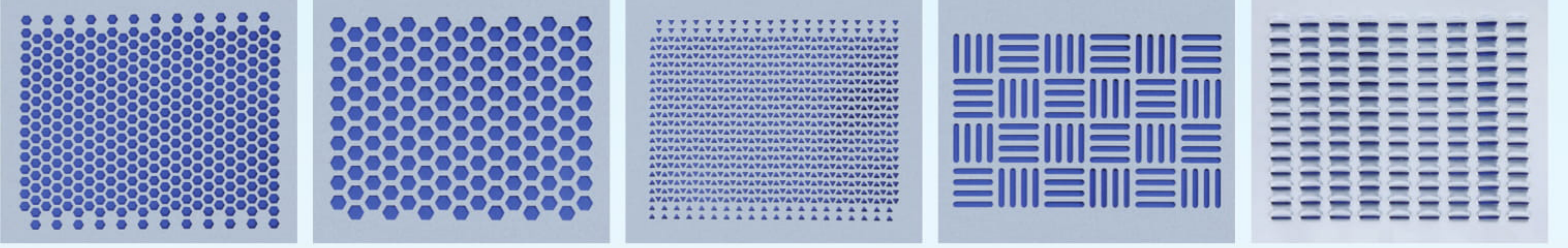
## Oval Delikli Saclar / Ova/ Perforated Sheet



## Kare Delikli Saclar / Square Perforated Sheet



## Altıgen Delikli Saclar / Hexagon Perforated Sheet Tarım ve Değirmen Eleklere / Agriculture and Mill Sieves Yıkama sacı / Washing sheet



### Delik Delme Ölçülerimiz

Çapı 1 mm'den, çap 150 mm'ye kadar delik delinir.

### Our Perforation Size

It can be perforated from 1 mm diameter to 150 mm diameter

### Sac Ebat Ölçülerimiz

1000x2000/1200x2400/1500x3000 Her türlü özel ölçüler de imalatımız mevcuttur.

### Sheet Size

1000x2000/1200x2400/1500x3000 We can manufacture ever king of special size.

KALINLIK MM	YUVARLAK DELİK SAÇLAR																													
	1	1.5	2	3	4	5	6	7	8	9	10	11	12	14	16	18	20	22	24	25	26	28	30	32	35	40	35	50		
0.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
0.9	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
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1.2	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1.5	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
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6	●	●	●	●	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
KALINLIK MM	KARE DELİKLİ SAÇLAR												DEKORATİF SAÇLAR										PLATFORM							
	5*5	8*8	10*10	14*14	15*15	16*16	17*17	18*18	20*20	22*22	25*25	30*30	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	11*22	15*25	15*40		
0.8	✓	✓	✓	●	●	●	●	●	●	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	●	●	●		
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KALINLIK MM	OVAL DELİKLİ SAÇLAR															PANJUR														
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0.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
0.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
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1.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
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2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	✓	✓	✓		
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3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	✓	✓	✓		

✓ Üretimi Yapılmaktadır.

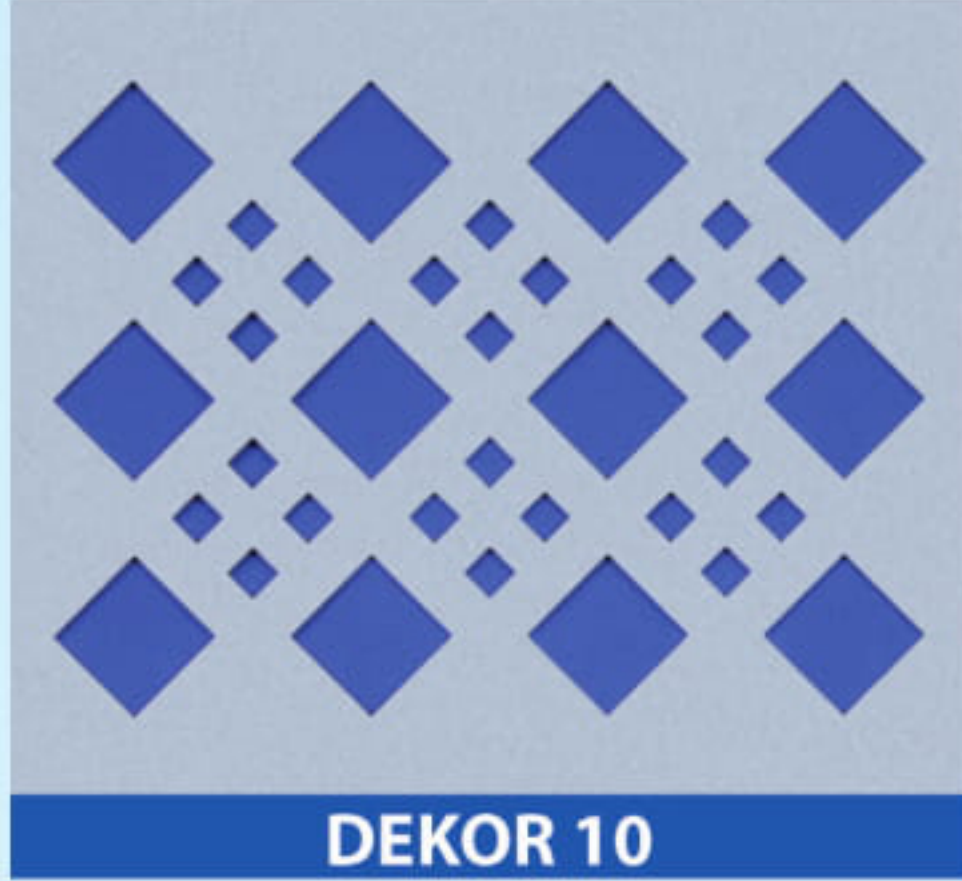
● Üretimi Yapılmamaktadır.

# DELİKLİ SAC İMALATLARIMIZ

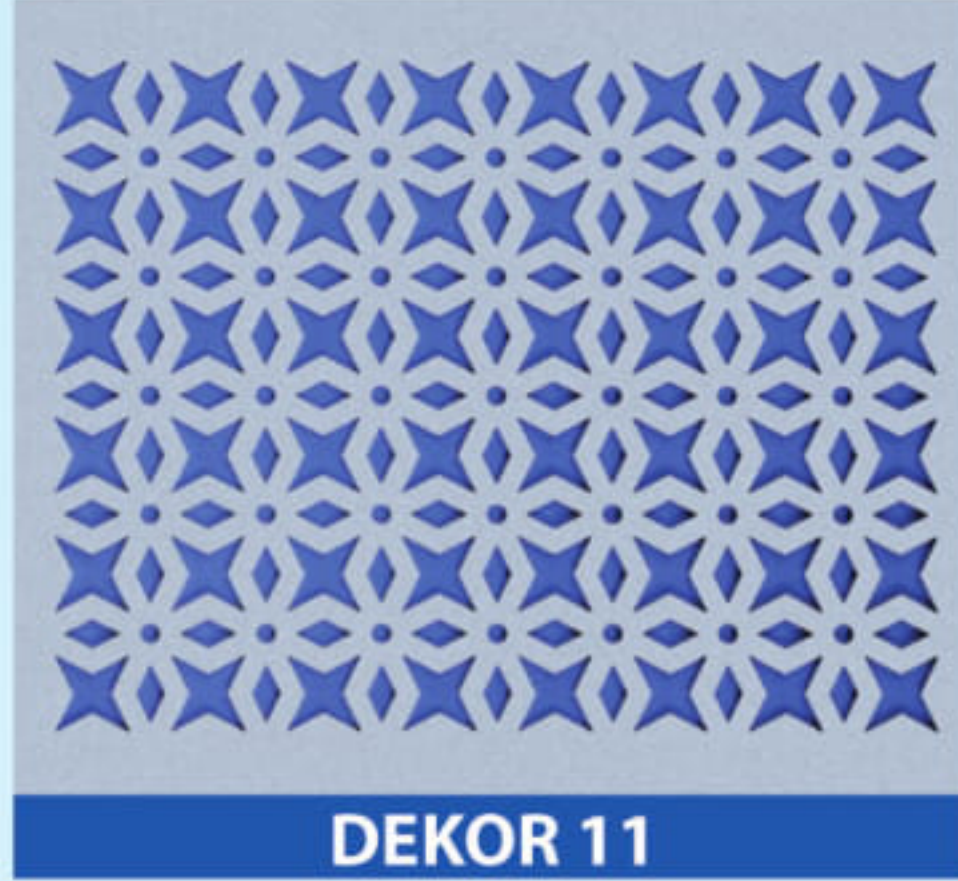
Our productions of drilled metal



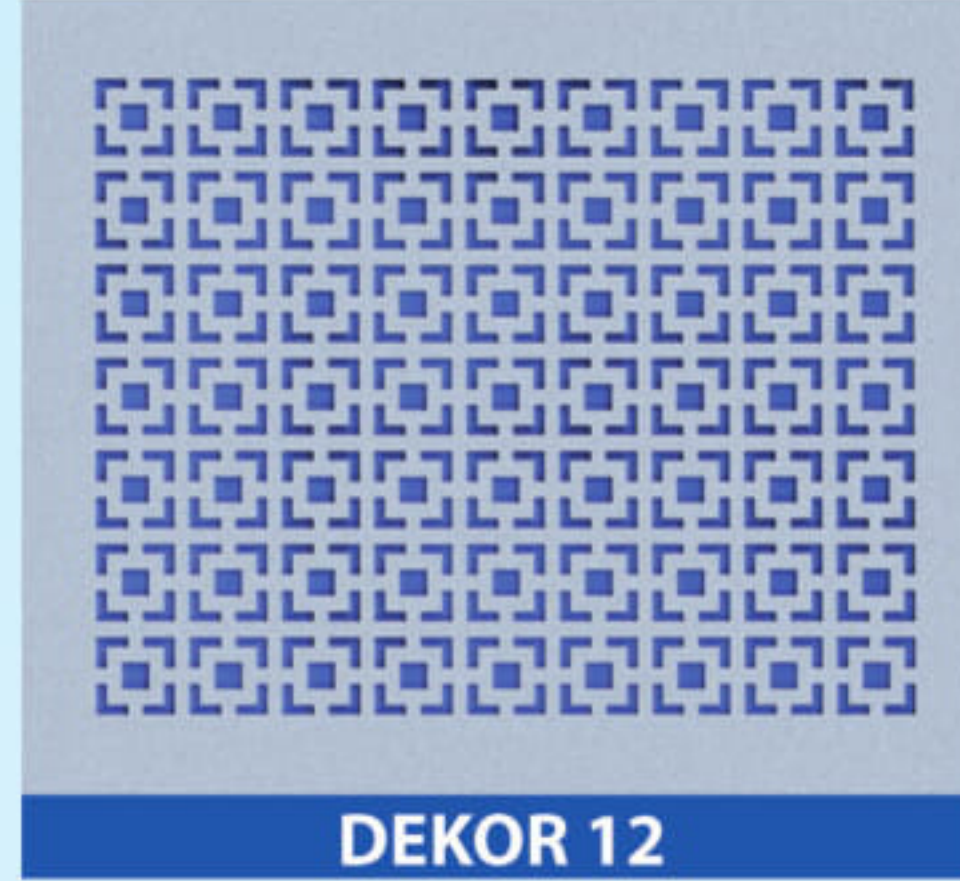
Quality, trust and experience...



DEKOR 10



DEKOR 11



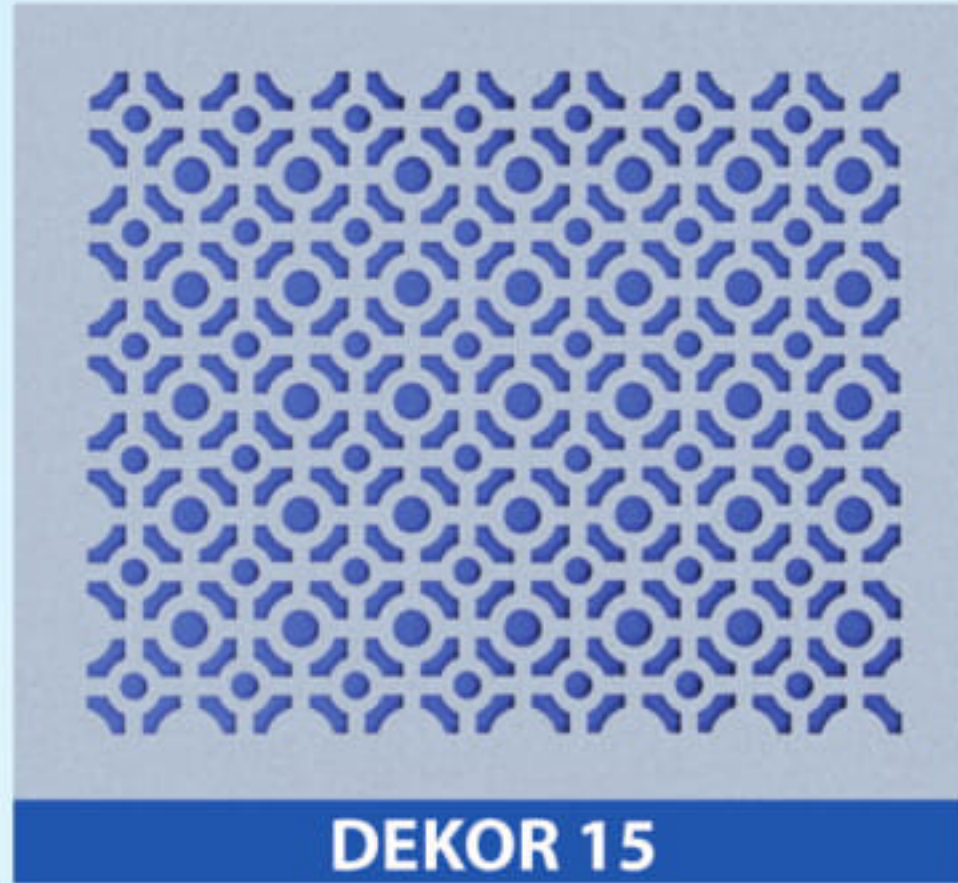
DEKOR 12



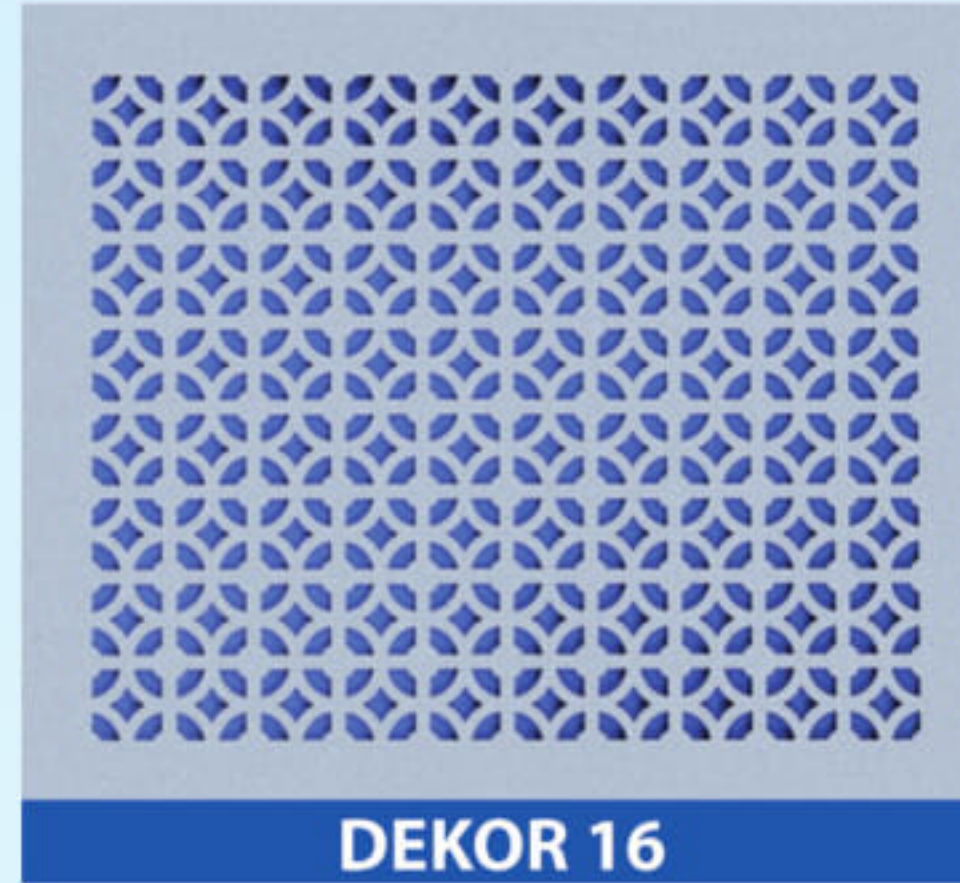
DEKOR 13



DEKOR 14



DEKOR 15



DEKOR 16



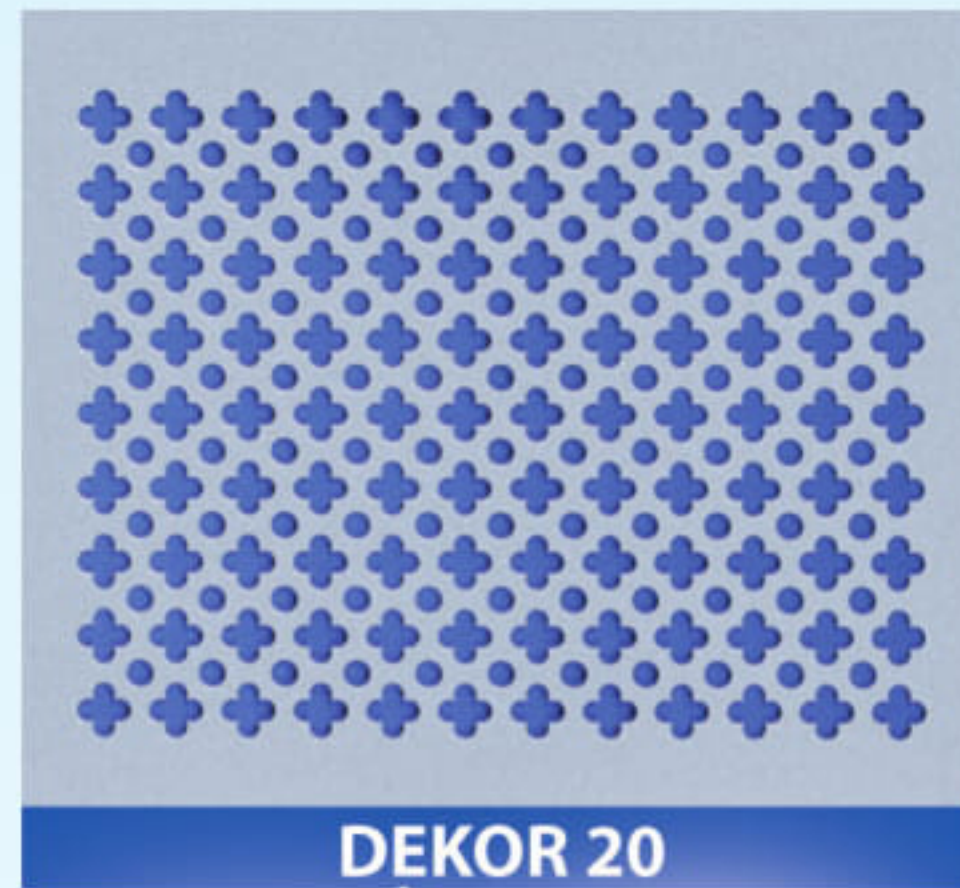
DEKOR 17



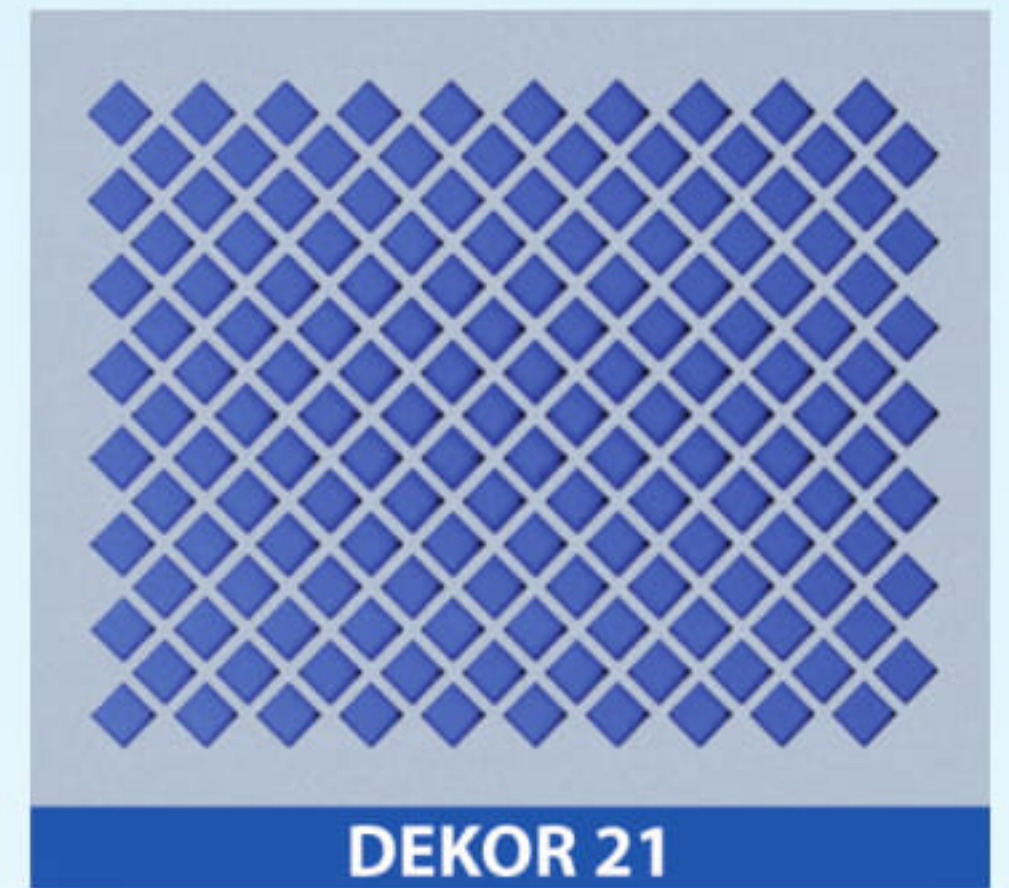
DEKOR 18



DEKOR 19



DEKOR 20



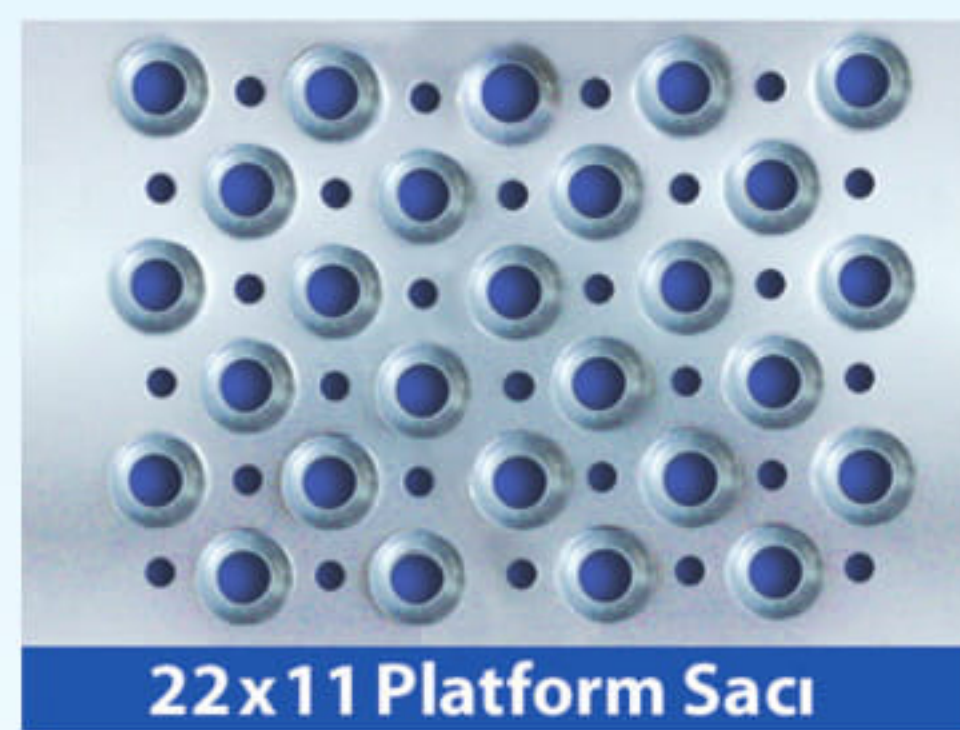
DEKOR 21



DEKOR 22



15x40 Platform Sacı



22x11 Platform Sacı



25x15 Platform Sacı



10x48 Panjur Sacı



6x23 Panjur Sacı

## DELİKLİ SAC KULLANIM ALANLARI

Areas of drilled metal uses

- Sanayide - Ziraatde / In the industry and agriculture
- Un ve yem değirmenlerinde (Elemde) / In wheat and feet mills (sieving)
- Kömür ocaklarında (Elemde) / In coal shafts (sieving)
- Kum ve taş ocaklarında (Elemde) / In sand and stone shafts (sieving)
- İlaç sanayiinde / In medicine industry
- Mobilya ve dekorasyonda / In furniture and decoration
- Oturma gruplarında / In sitting furnitures
- Raf ve takım tezgahlarında / In shefls and workbenchs of sets
- Makina muhafazalarında / In machine protectives
- Beyaz eşya sektöründe / In white goods sectors
- Isıtma ve soğutma sistemlerinde / In heating and cooling systems
- Otomotiv sanayiinde / In automotive industry
- Filtrelerde / In niters
- Havalandırma ve fırın tavalarında / In ventilation and oven frying pens
- Elektrik elektronik sistemlerinde / In electrics and electronics systems
- Panolarında / In wallpanels
- Taşıma sistemlerinde (Sepetlerde) / In carrying systems (baskets)
- Çöp kovalarında / In garbage containers

Ütü masalarında  
In ironingtables



Çöp kovalarında  
In garbage containers

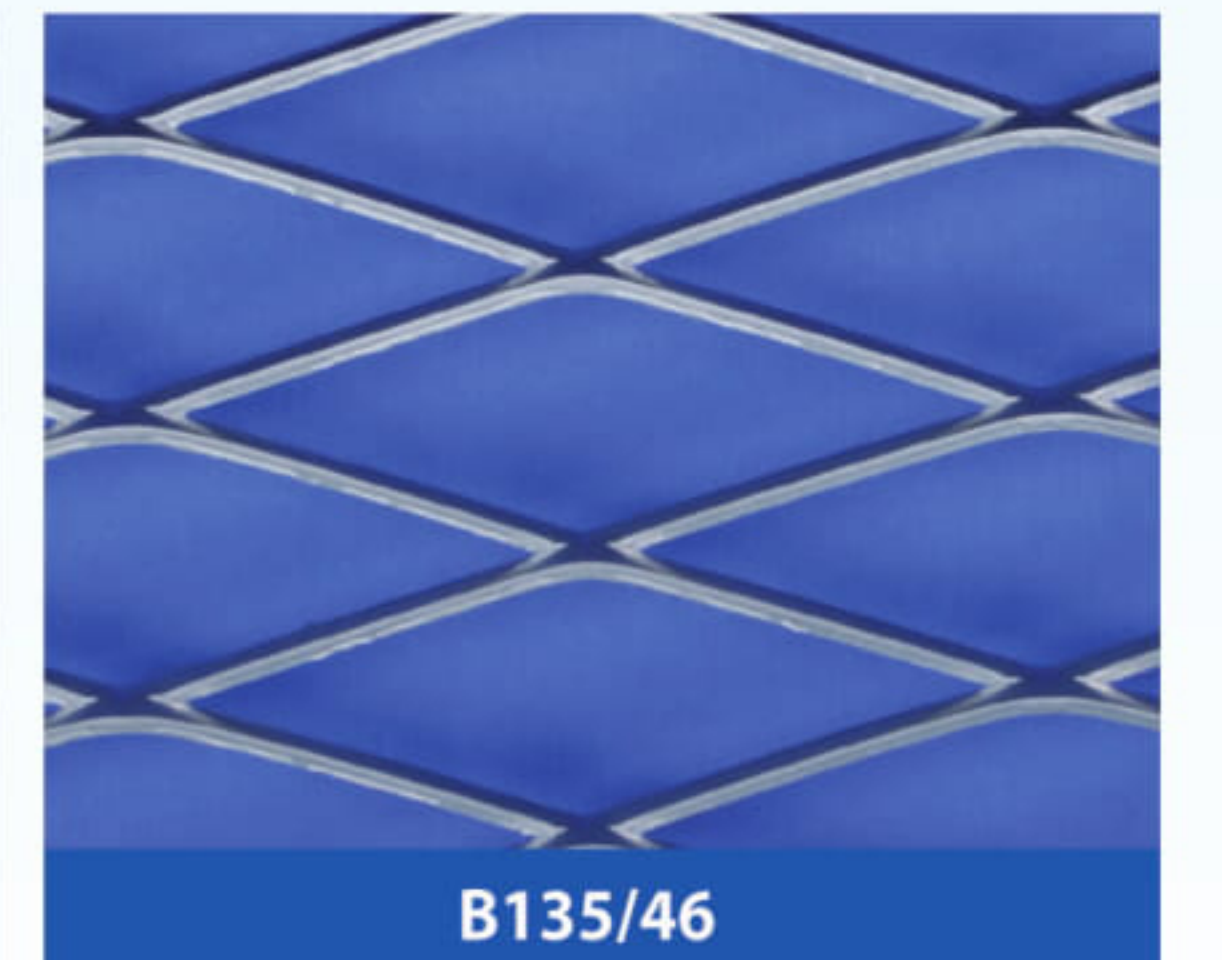
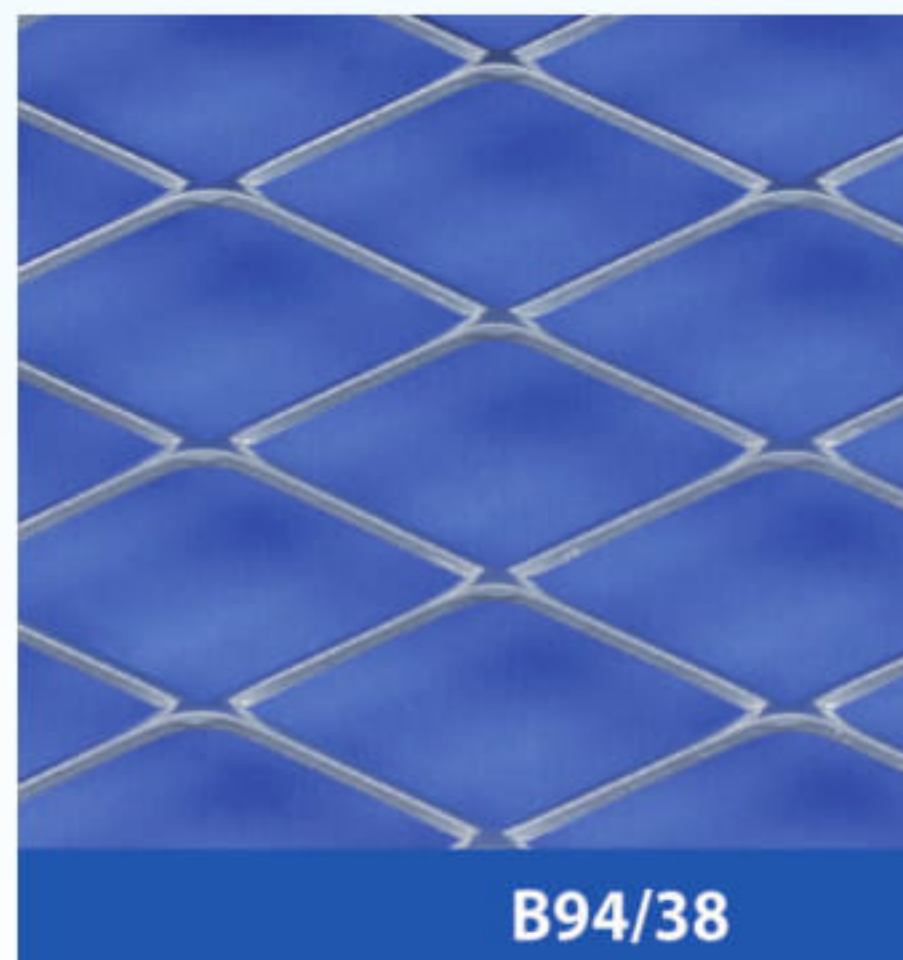
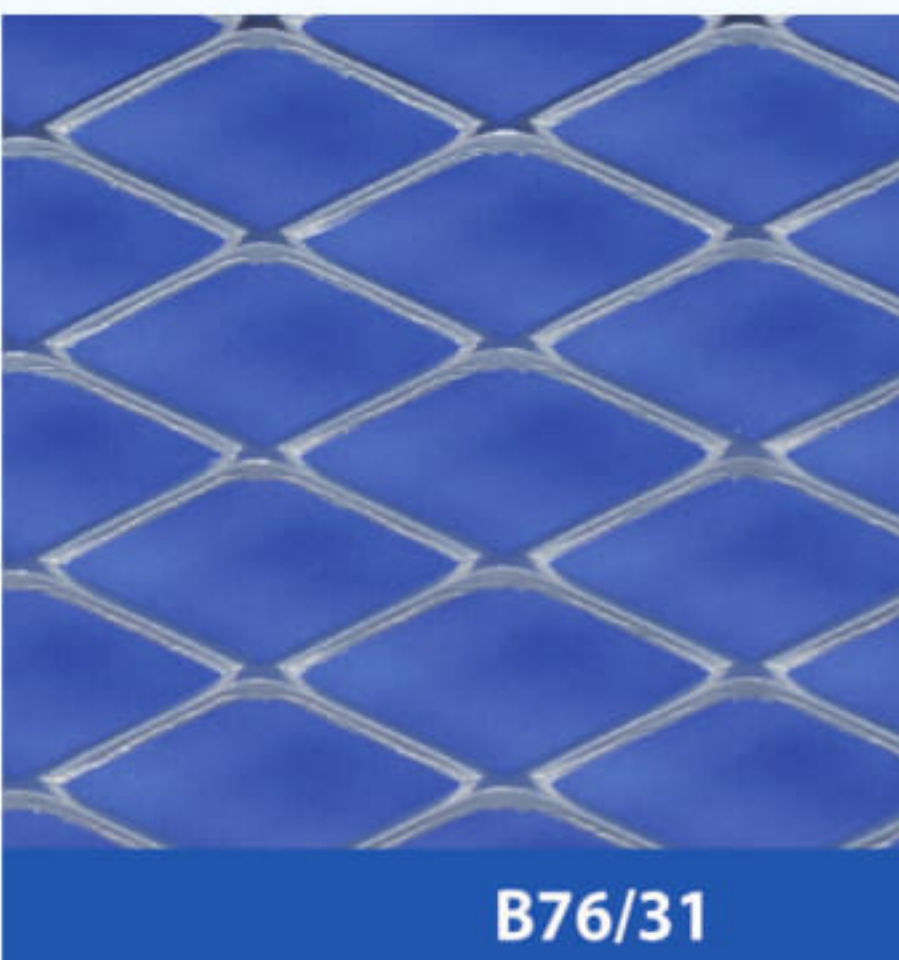
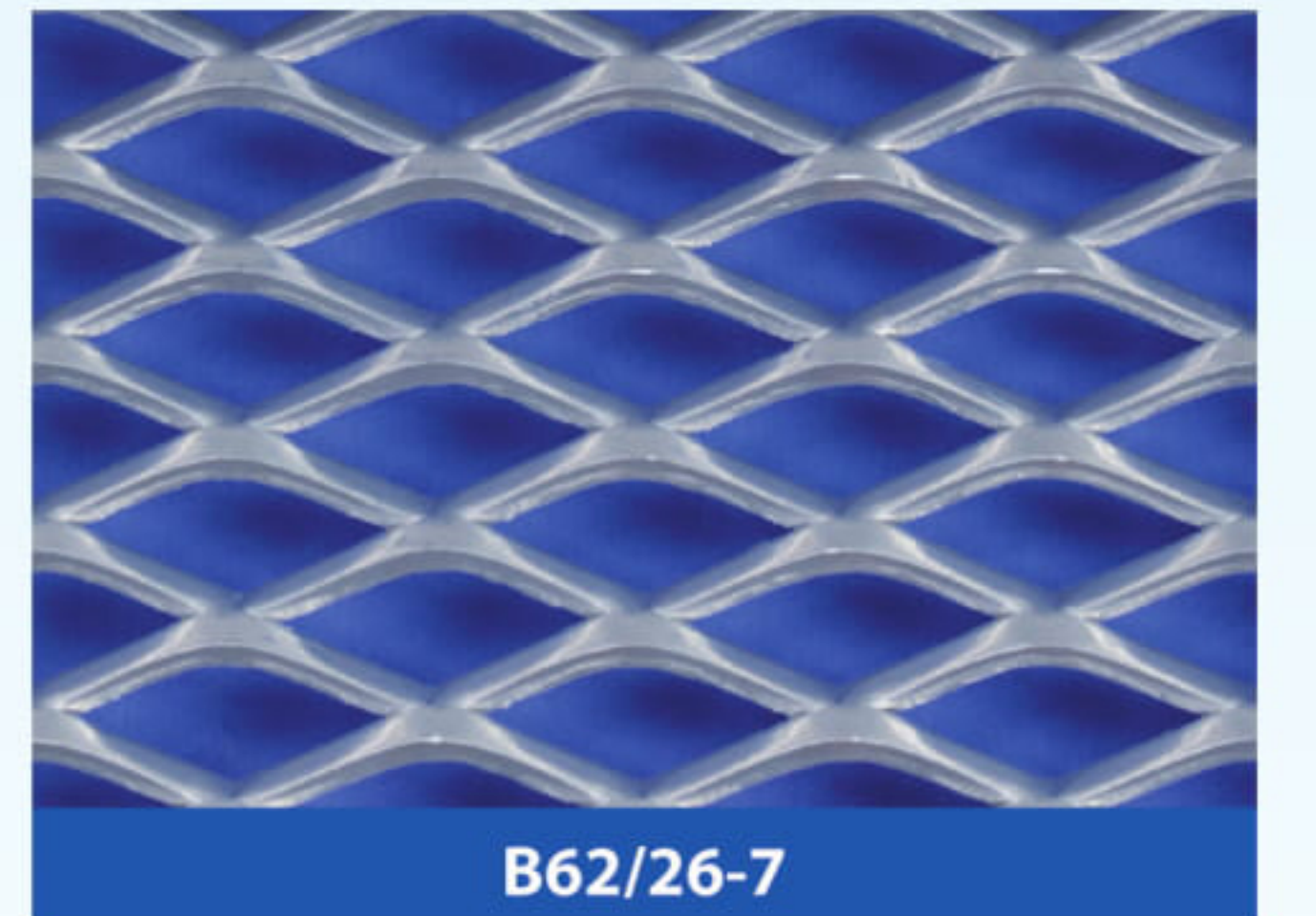
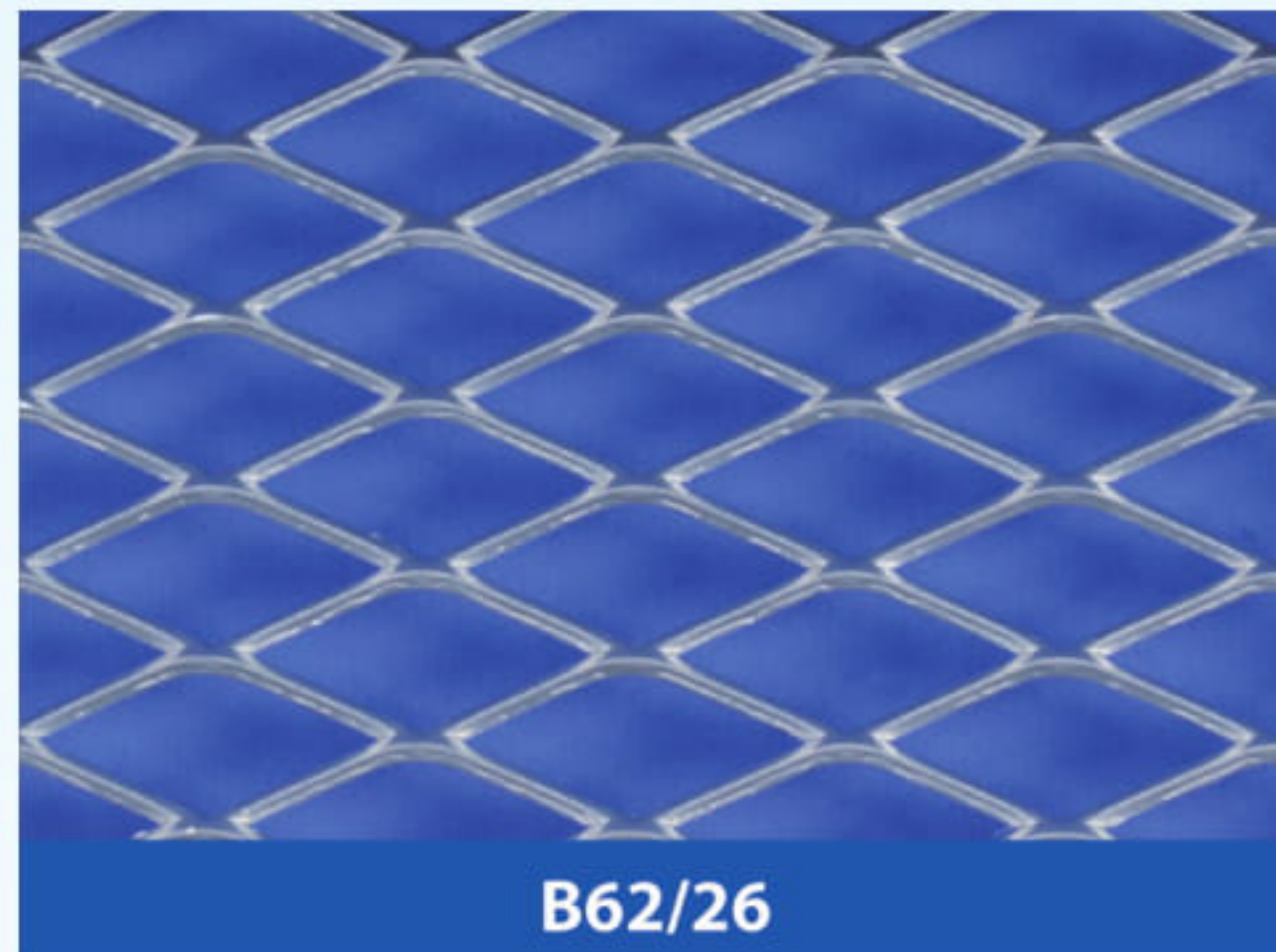
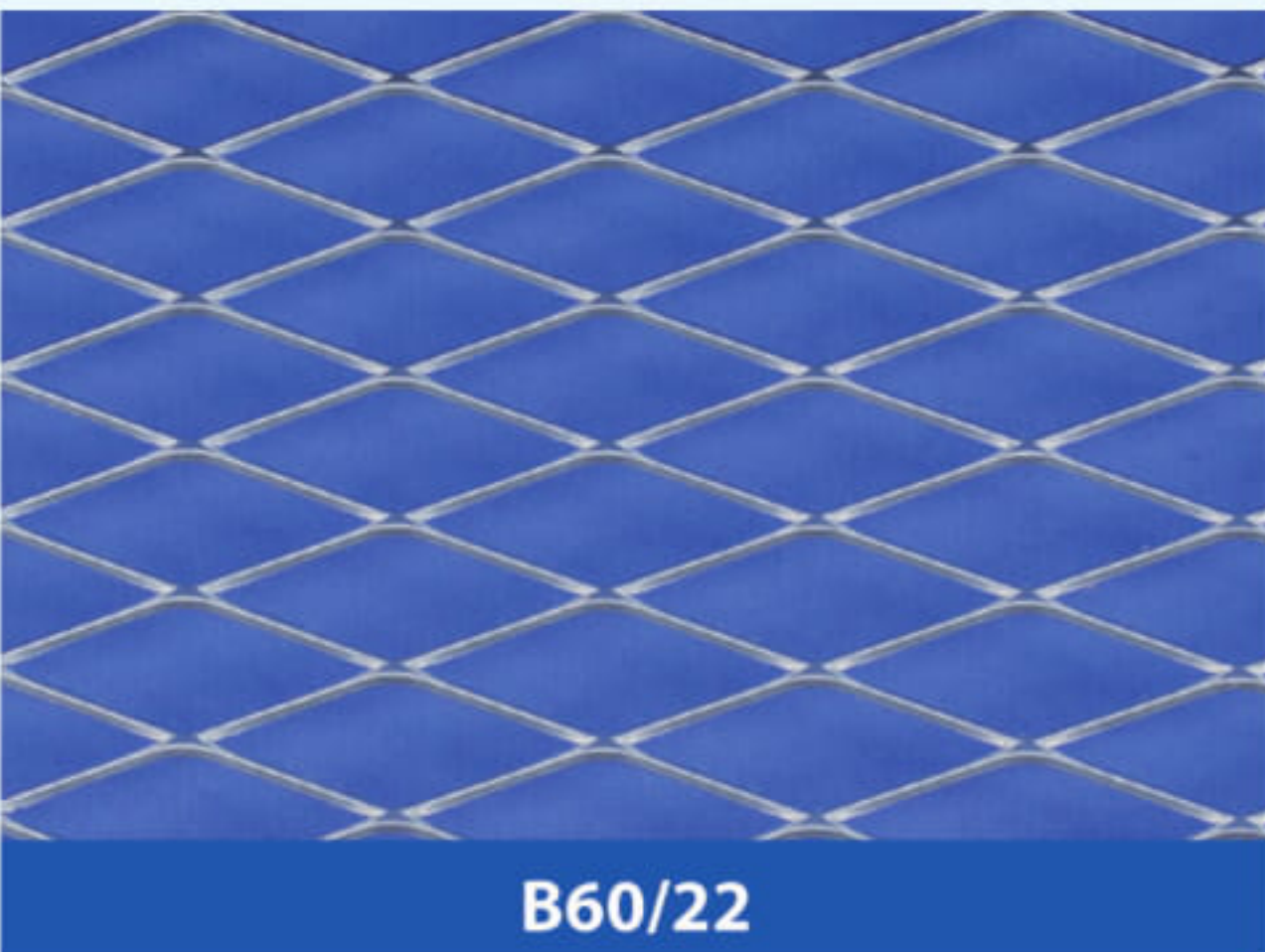
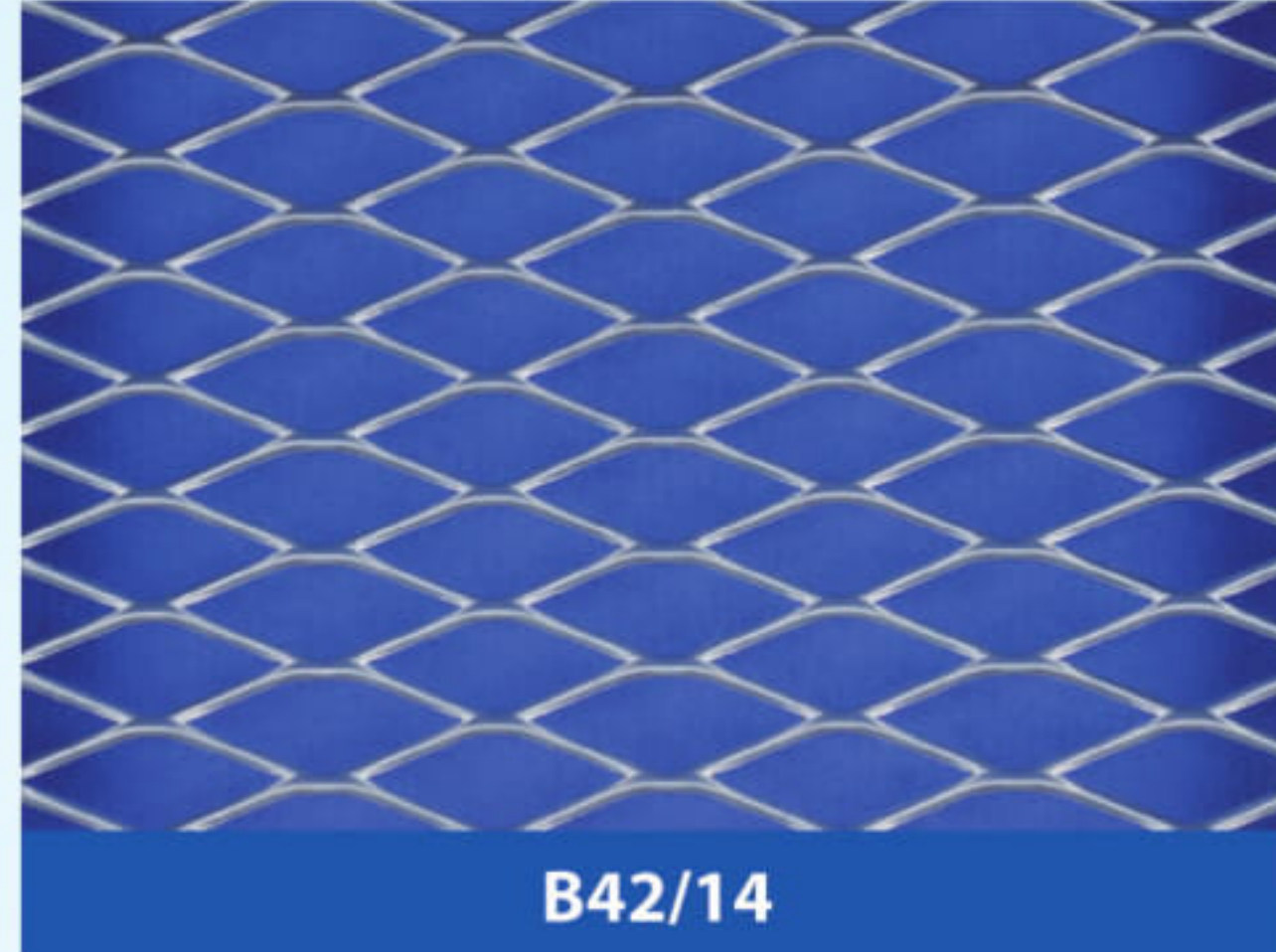
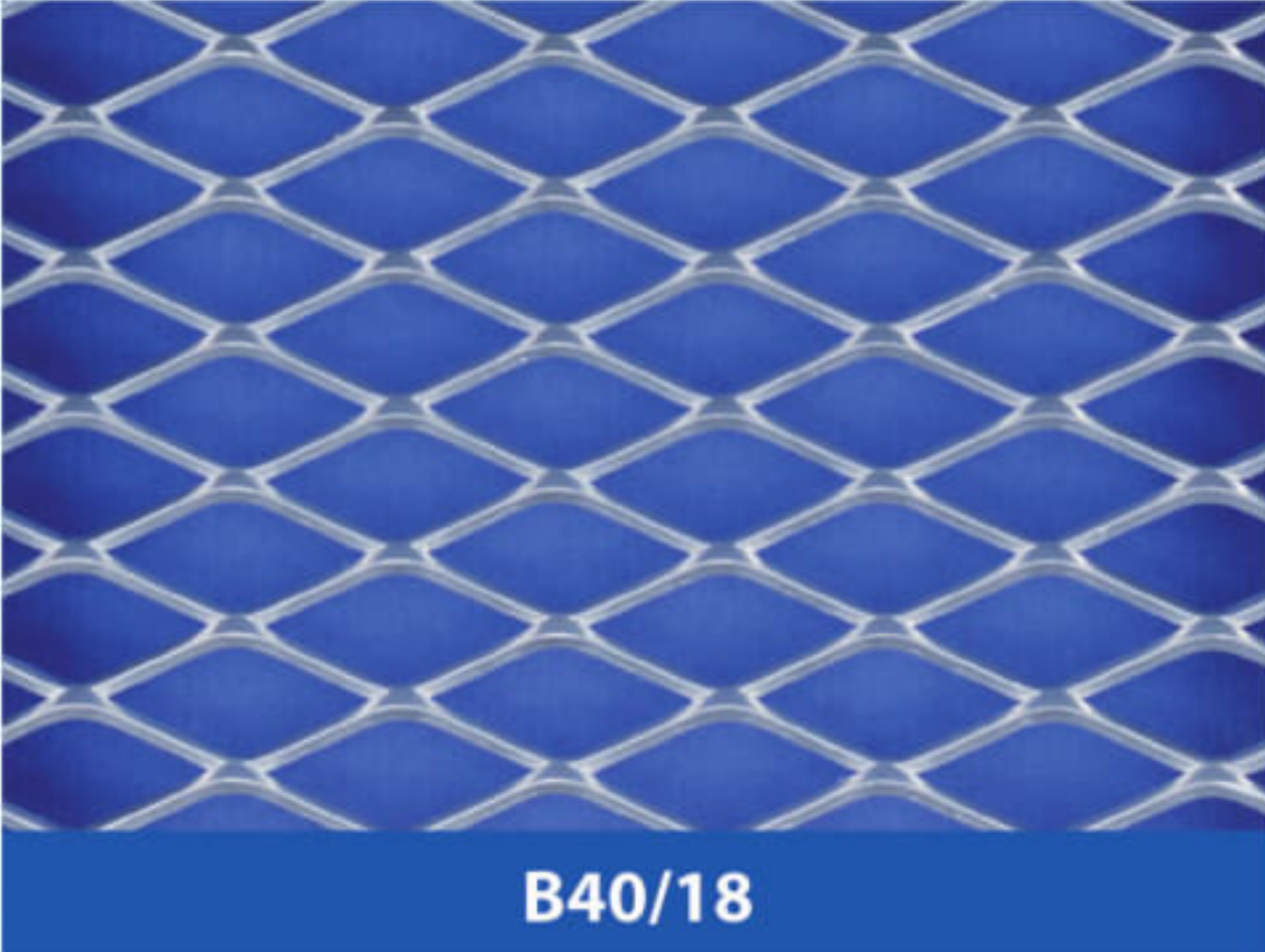
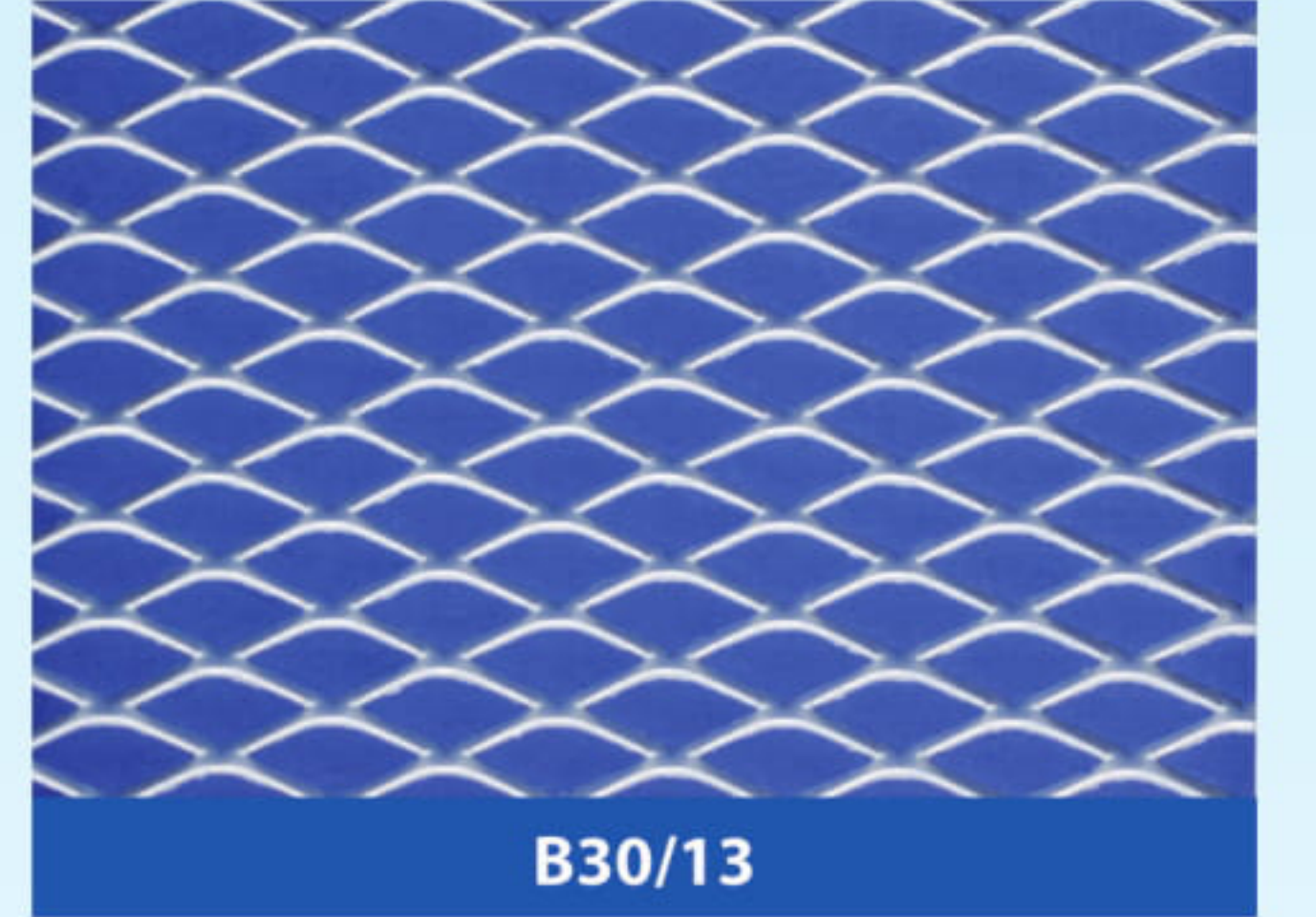
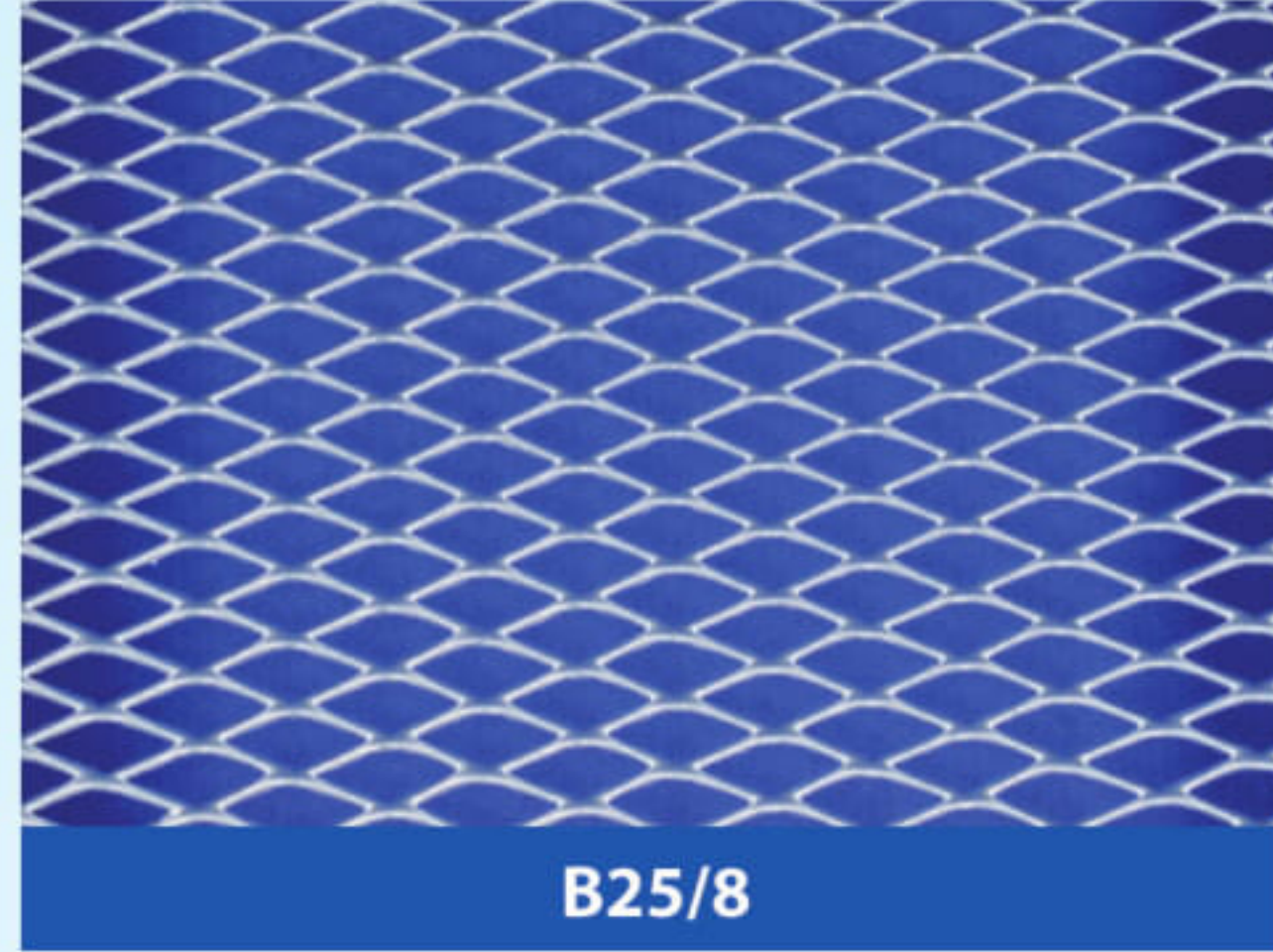
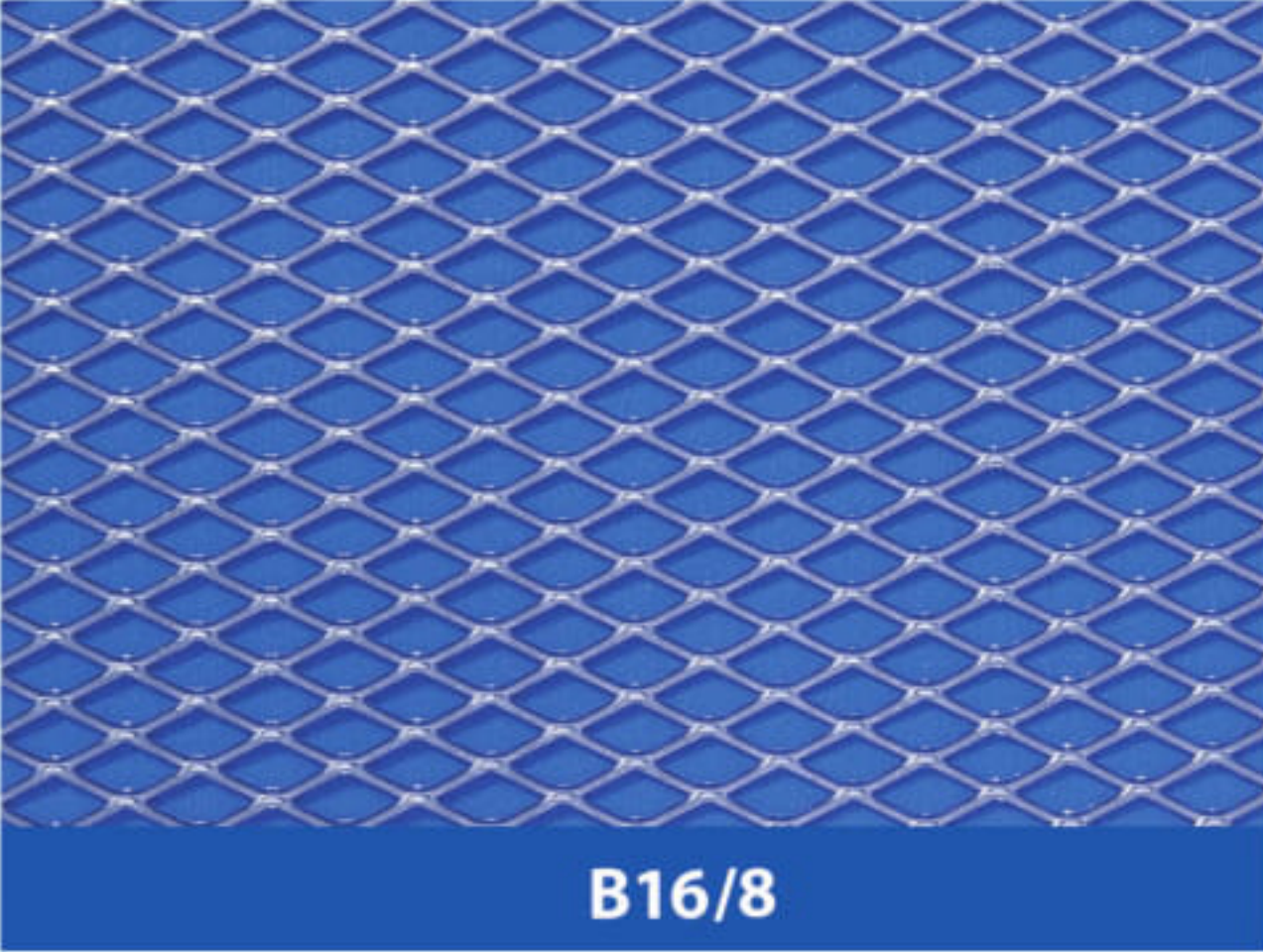
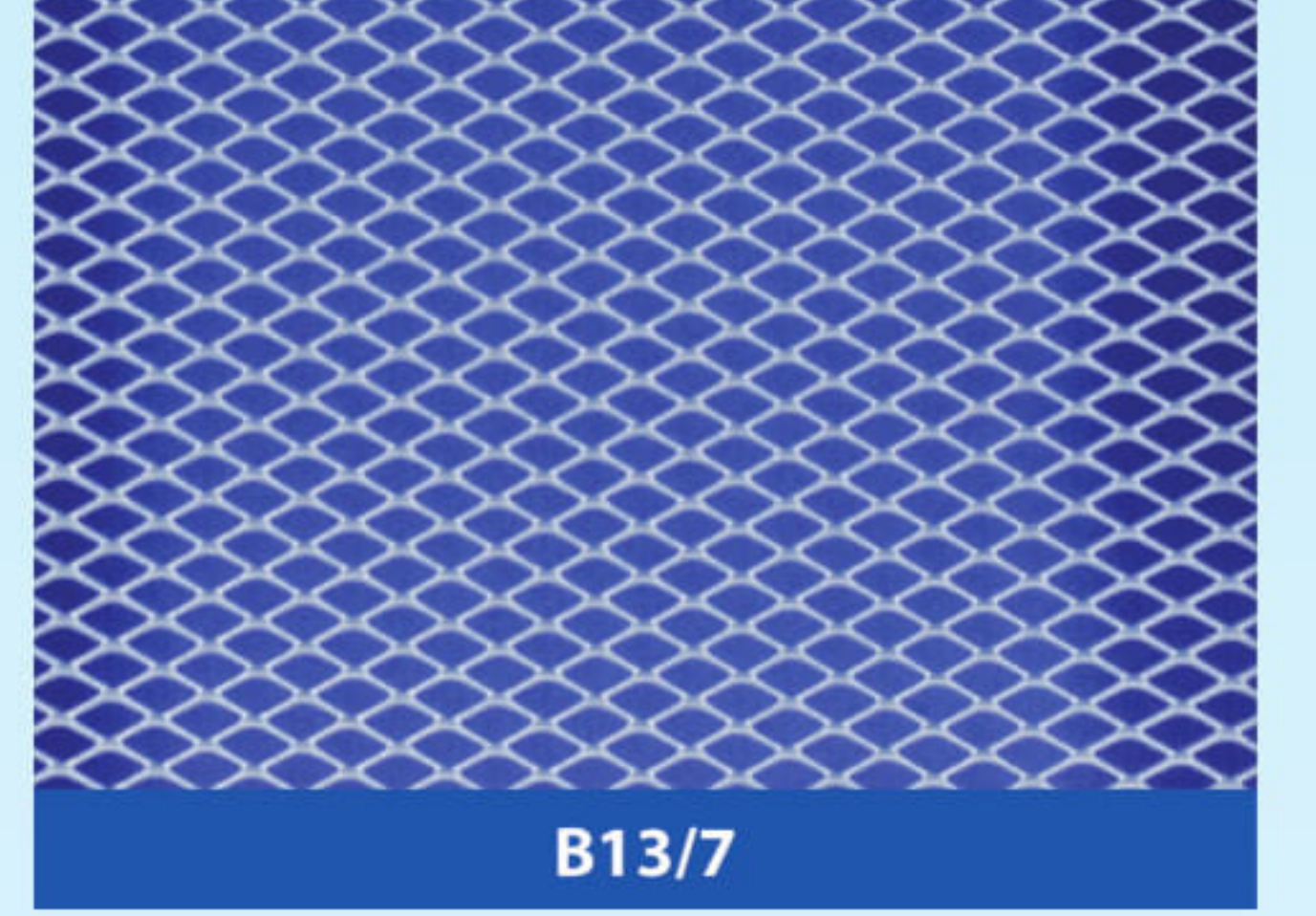
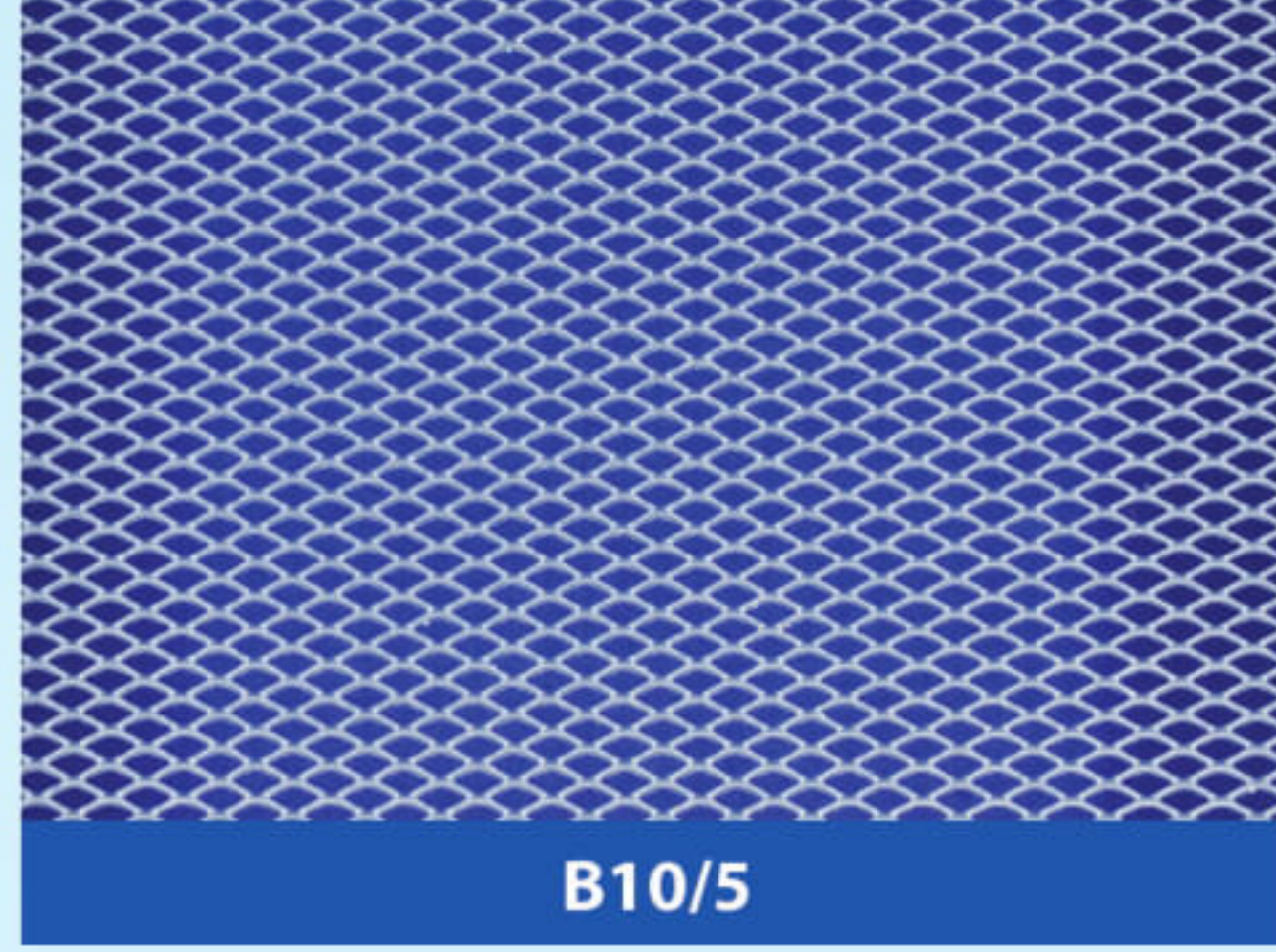
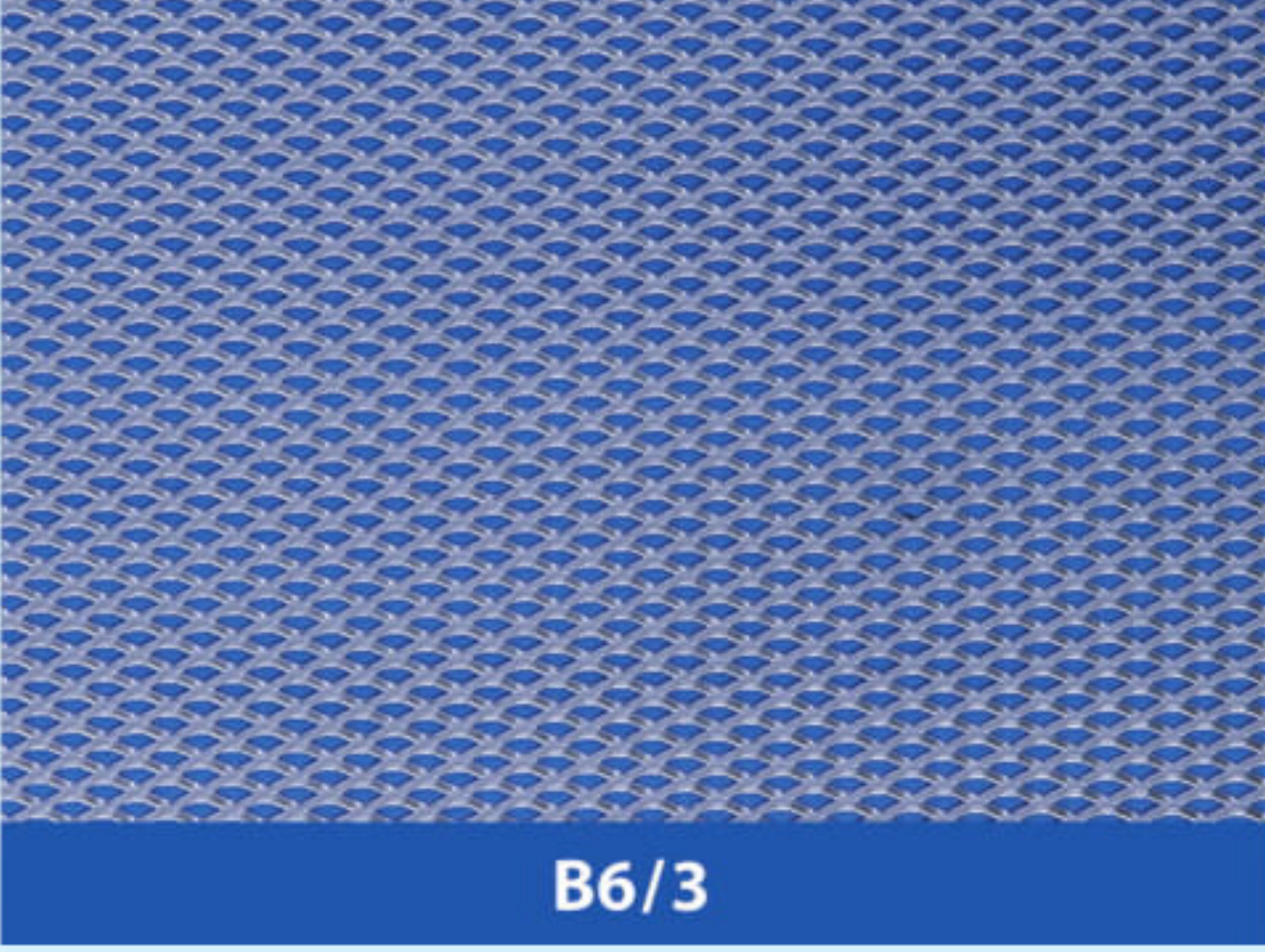


Filtrelerde  
In filters



Oturma bankları  
Sitting bench

## Baklava Desenli Genişletilmiş Metaller / Diamond Patterned Expanded Metals



# GENİŞLETİLMİŞ METAL ÖLÇÜ LİSTESİ

Expanded metal measurements list



Quality, trust and experience...

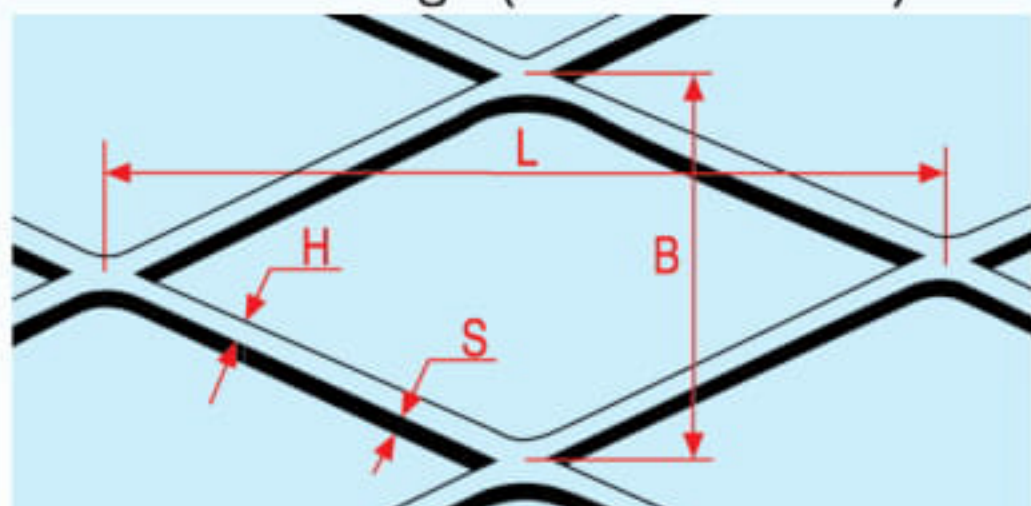
## BAKLAVA DESENİ GENİŞLETİLMİŞ METALLER

Diamond Patterned Expanded Metals

KOD LxB	SAC KALINLIĞI S (mm)	HATVE H (mm)	TAKRİBİ AĞIRLIK (m <sup>2</sup> /kg)	EBATLAR (mm)			
				EN (mm)	BOY (mm)	EN (mm)	BOY (mm)
B6/3	0,50	0,85	2,30	1000	3500		
B10/5	0,50	1	1,60	1000	5000		
	1	1	3,20	1000	5000	1200	6000
B13/7	1	1	2,30	1000	7000	1200	8400
	1,5	2	6,85	1000	3500	1200	4200
B16/8	1	2	4,00	1000	4000	1200	4800
	1,5	2,5	7,50	1000	3200	1200	3800
B25/8	1	2	4,00	1000	4000	1200	4800
	1,5	2,50	7,50	1000	3200	1200	3800
B30/13	1	2	2,40	1000	6500	1200	7800
	1,5	2,50	4,60	1000	5200	1200	6200
B40/18	2	3	5,30	1000	6000	1200	7200
	3	4	10,60	1000	4500	1200	5400
	4	5	17,70	1000	3600	1200	4300
B42/14	1	2	2,30	1000	7000	1200	8400
	1,5	2,5	4,30	1000	5600	1200	6700
	2	3	6,80	1000	4600	1200	5600
	3	4	13,70	1000	3500	1200	4200
B50/18	4	5	22,80	1000	2800	1200	3300
	1,5	2,50	3,30	1000	7200	1200	8600
	2	3	5,30	1000	6000	1200	7200
	3	4	10,60	1000	4500	1200	5400
	4	5	17,70	1000	3600	1200	4300
B60/22	5	6	26,60	1000	3000	1200	3600
	2	3	4,40	1000	7300	1200	8800
	3	4	8,70	1000	5500	1200	6600
	4	5	14,50	1000	4400	1200	5200
	5	6	21,60	1000	3700	1200	4400
B62/26	2	3	3,70	1000	8600	1200	10400
	3	4	7,30	1000	6500	1200	7800
	3	7	12,00	1000	2000	1200	2400
	4	5	12,30	1000	4000	1200	4800
	4	7	16,00	1000	2000	1200	2400
	5	6	18,60	1000	4300	1200	5200
	5	7	20,00	1000	2000	1200	2400
	5	7	20,00	1000	4000	1200	4800
B76/31	2	2,5	2,60	1000	12400	1200	14800
	3	4	6,20	1000	7700	1200	9300
	4	5	10,20	1000	6200	1200	7400
	5	6	15,60	1000	5100	1200	6200
B94/38	2	3	2,50	1000	12600	1200	15200
	3	4	5,00	1000	9500	1200	11400
	4	5	8,40	1000	7600	1200	9100
	5	6	12,60	1000	6300	1200	7600
B110/45	3	4	4,30	1000	11000	1200	13500
	4	5	7,00	1000	9000	1200	10800
	5	6	10,60	1000	7500	1200	9000
B135/46	3	4	4,10	1000	11500	1200	13800
	4	5	6,90	1000	9200	1200	11000
	5	6	10,60	1000	7600	1200	9300

Her türlü ölçüler de imalatlarımız mevcuttur. / We can manufacture ever kind of special size.

### Baklava Örgü (Standart Braid)



L = Uzunluk  
Braid Length

B = Genişlik  
Braid Width

S = Sac Kalınlığı  
Sheet Thickness

H = Hatve  
Strip Width

## YÜKSEKLİK ÖLÇÜLERİ / Height measurements



2400 mm  
2000 mm  
1500 mm  
1200 mm  
1000 mm  
800 mm  
600 mm  
500 mm

### GENİŞLETİLMİŞ METAL NEDİR?

Geniştirilmiş metal prensip olarak kesme ve genişletme işlemi aracılığı ile kesikli yapı haline getirilmiş bir metal levhadır. Hiçbir şekilde kaynaklama ve montajlama uygulaması yapılmadığından tek parça metalden imal edilmektedir.

### WHAT IS EXPANDED METAL?

Expanded Metal is principally a metal plate discretized through the cutting and expansion processes. Since, by no means, welding and mounting can't be achieved, it is produced from a single metal piece.

### GENİŞLETİLMİŞ METAL AVANTAJLARI

Enerji tasarrufludur.  
Güvenlidir.  
Kullanımı çok yönlüdür.  
Ekonomiktir.  
Hava ve ışık geçişi sağlar.  
Dekoratifdir.  
Yürüme yollarında ve iskelelerde güvenle kullanılır.  
Ses izolasyonu sağlar.  
Net bir görüş sahası vardır.  
Darbelere karşı çok dayanıklıdır.  
Metrekare ağırlığı düşük olduğu için çok ekonomiktir.

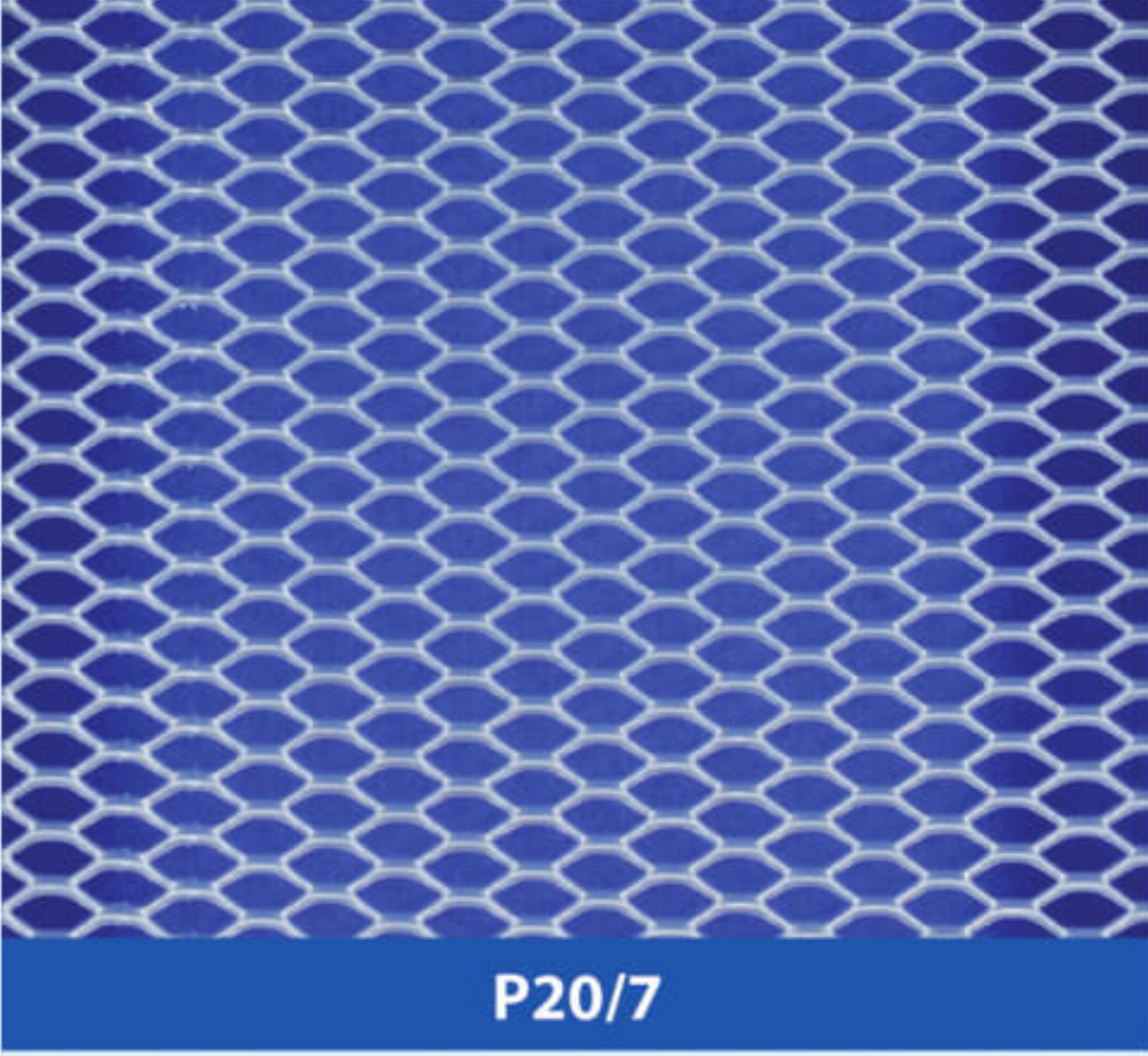
### THE ADVANTAGES OF EXPANDED METAL

It's energy-efficient.  
It's reliable.  
It's usage is multidimensional.  
It's economic.  
It provides air permeability and light transmittance.  
It's decorative.  
It's used confidently on walkways and piers.  
It provides sound insulation.  
It has a clear field of view.  
It is impact-resistant.  
It's very economic since its weight per meter square is very low.

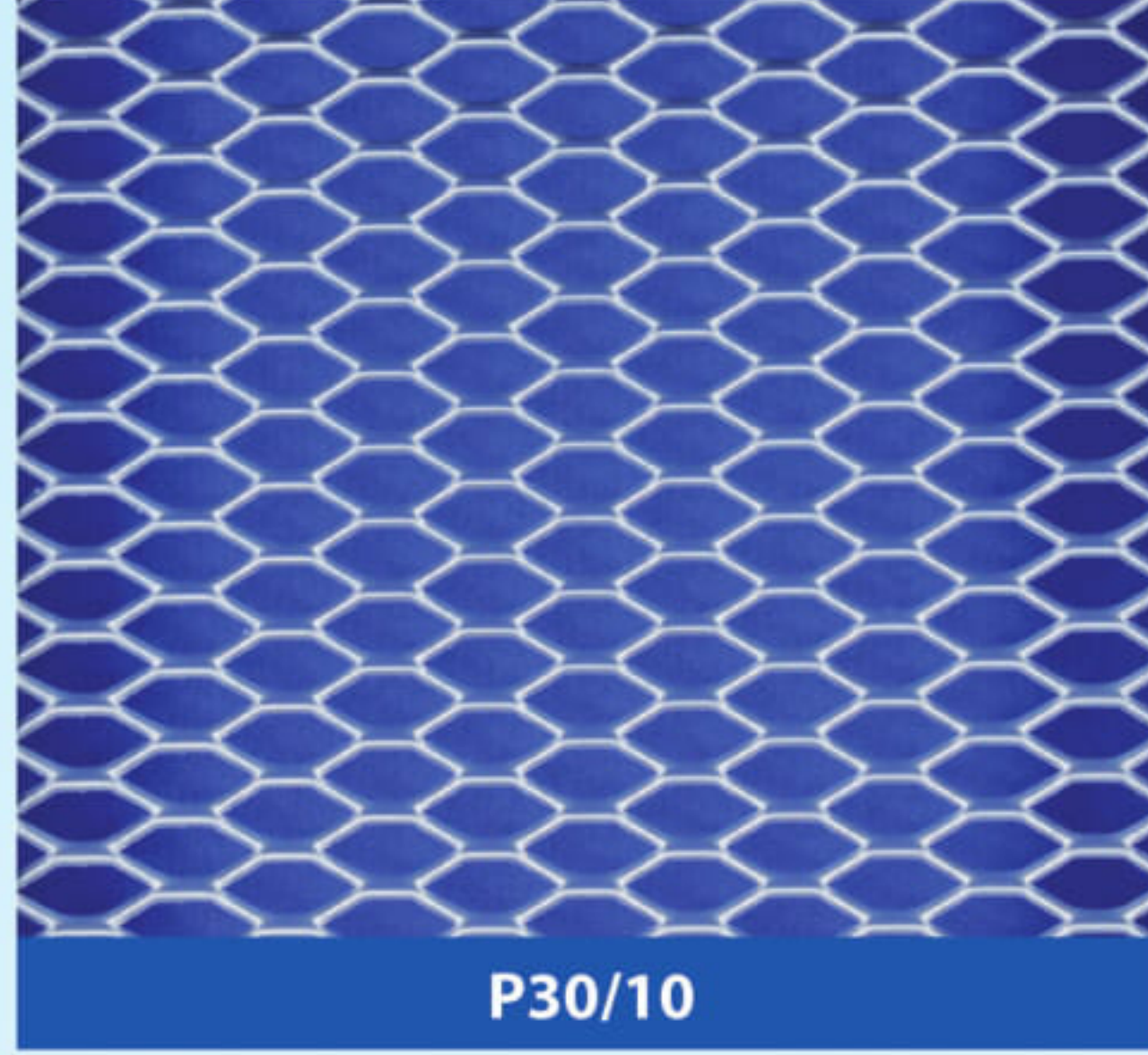
### GENİŞLETİLMİŞ METAL KULLANIM ALANLARI

Areas of expanded metal use  
Fabrika bölmelerinde / In divisions of factory  
Makina muhafazalarında / In machine protectives  
Yürüme platformlarında / In walking platforms  
Merdiven basamaklarında / In steps of stair  
Izgara kapaklarında / In lids of grate  
Duvar sıvası altlarında / Under plasters of walls  
Saha beton içine / In concrete areas  
Filtrelerde / In filters  
Bahçe çitlerinde / In hedges of gardens  
Her türlü kafes imalatında / In production of all kinds of cages  
Her türlü sepet imalatında / In production of all kinds of baskets  
Çöp kovalarında / In garbage containers  
Ütü masalarında / In ironing tables  
Isıtma ve soğutma sistemlerinde / In heating and cooling systems  
Otomotiv sanayiinde / In automotive industry  
Havalandırmalarda / In ventilators

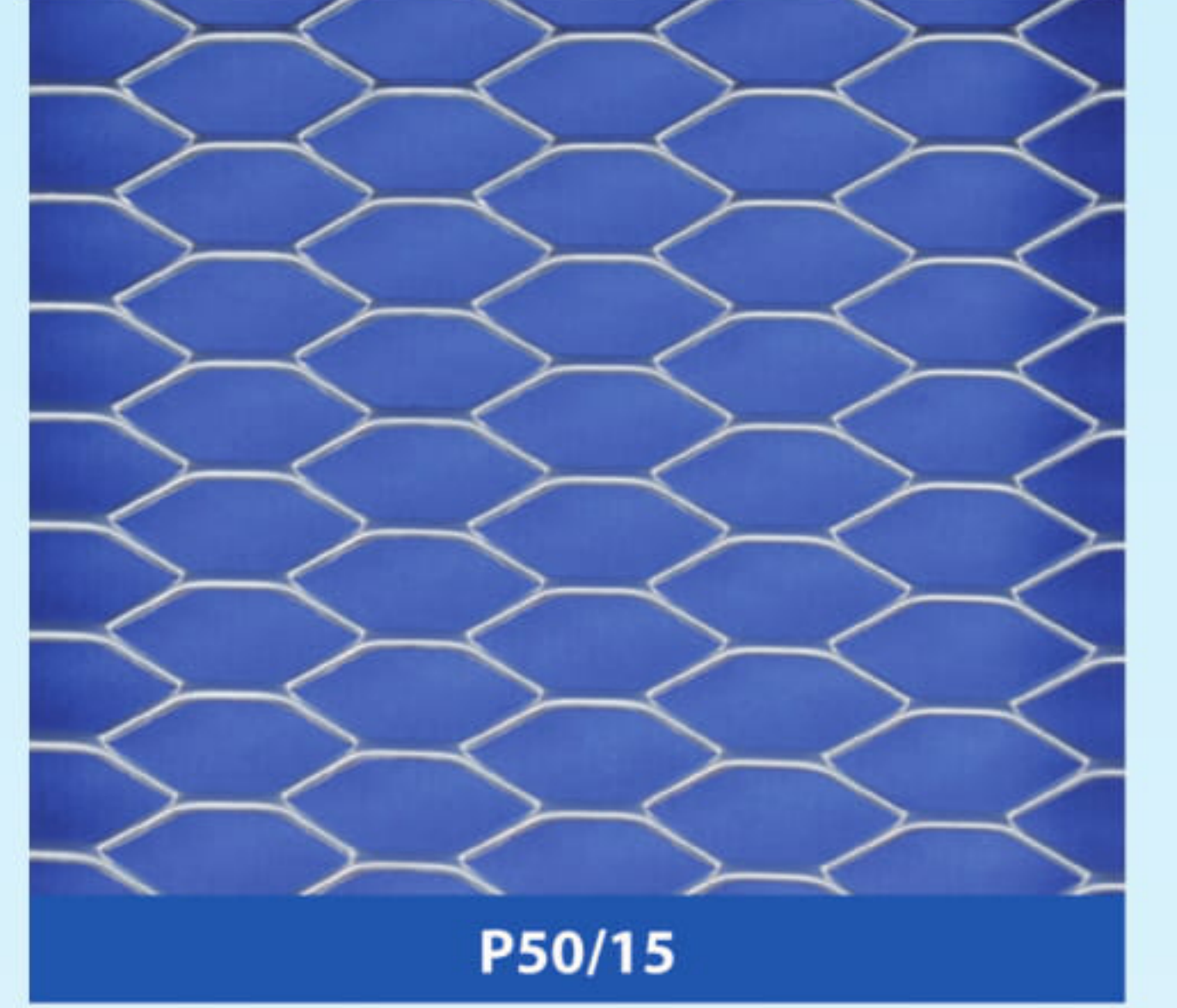
## Petek Desenli Genişletilmiş Metaller / Honeycomb Designed Expanded Metals



P20/7



P30/10



P50/15



P80/25

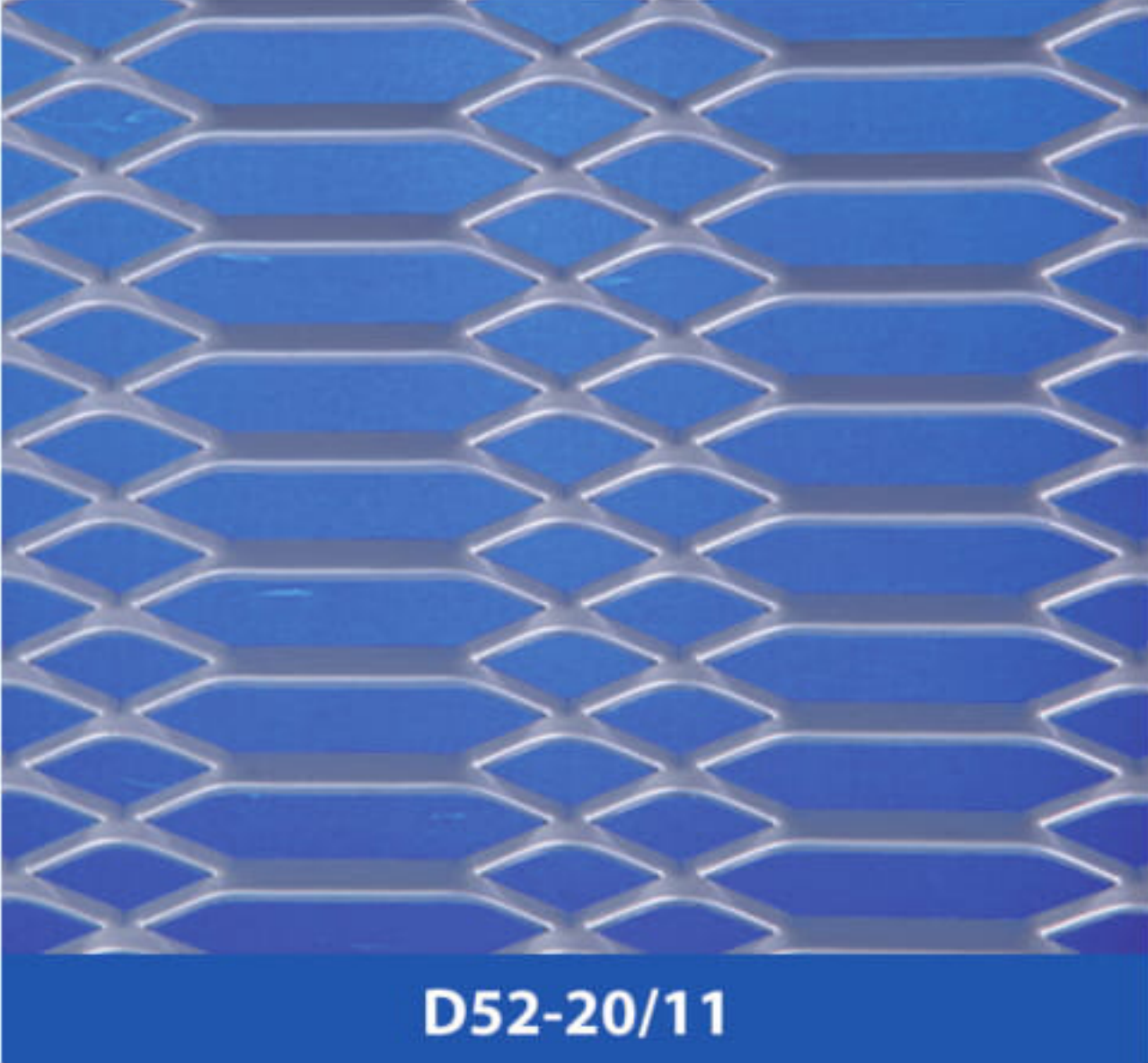


P107/33



P203/80

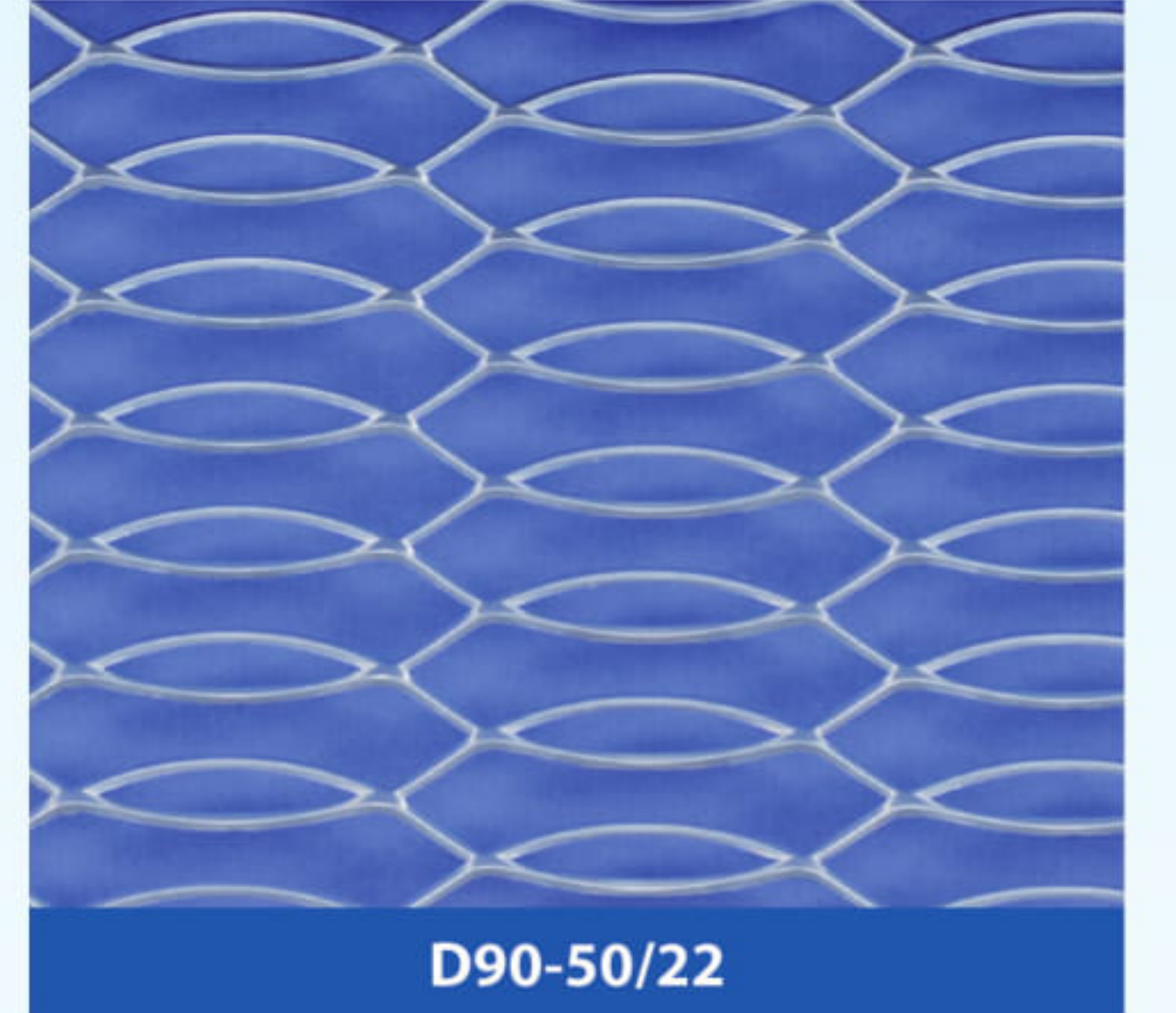
## Dekoratif Desenli Genişletilmiş Metaller / Decorative Designed Expanded Metals



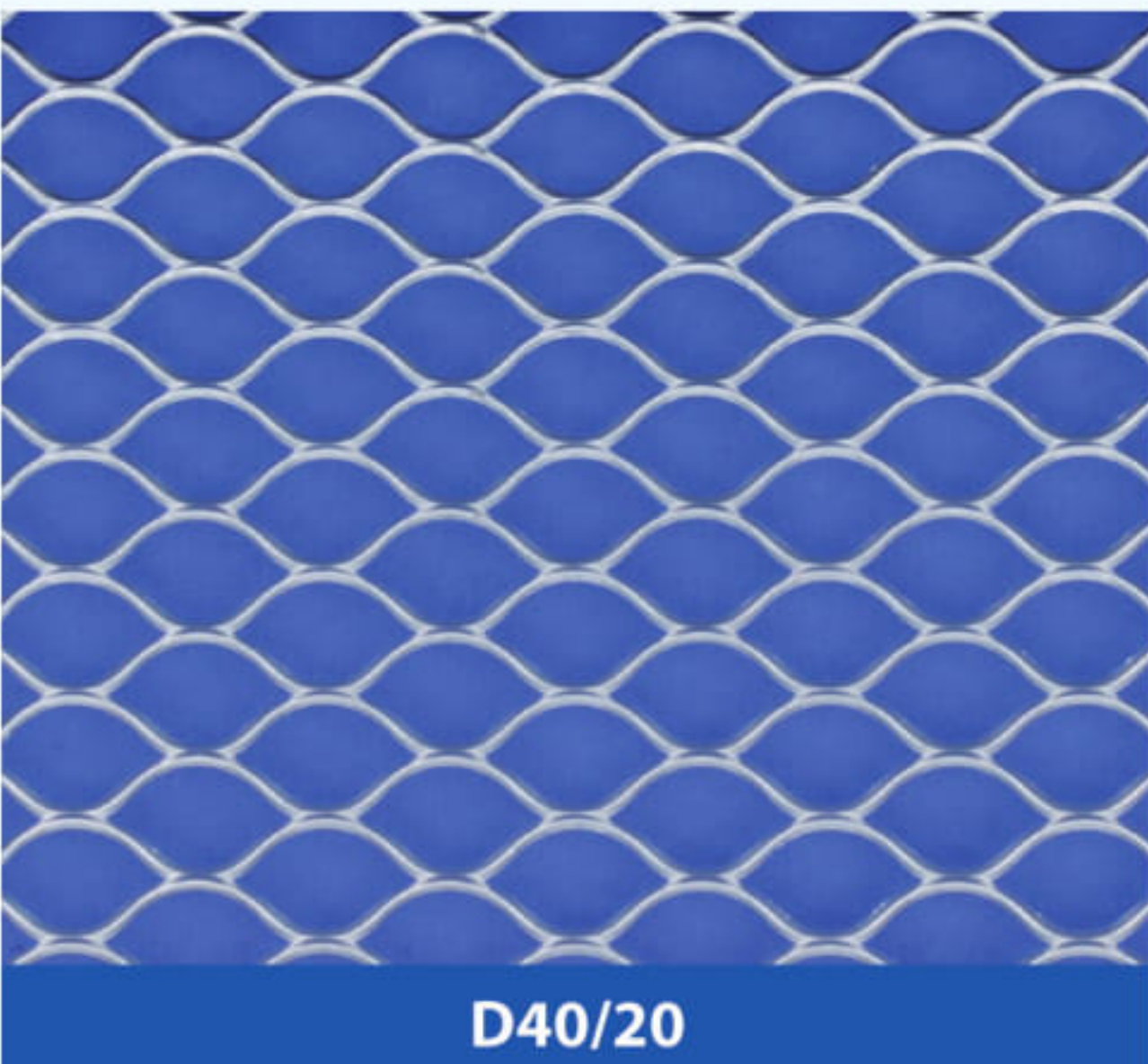
D52-20/11



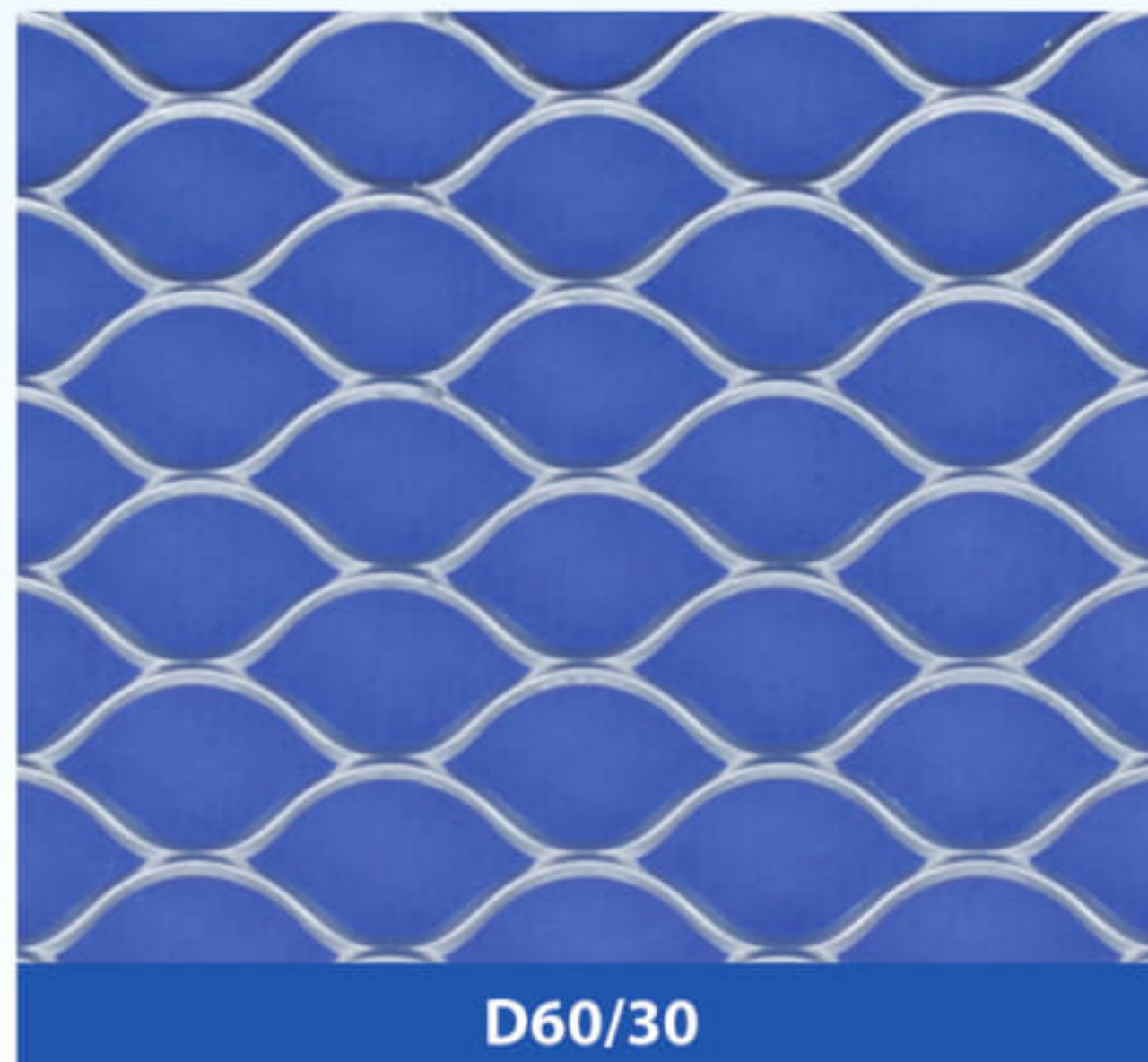
D65-35/19



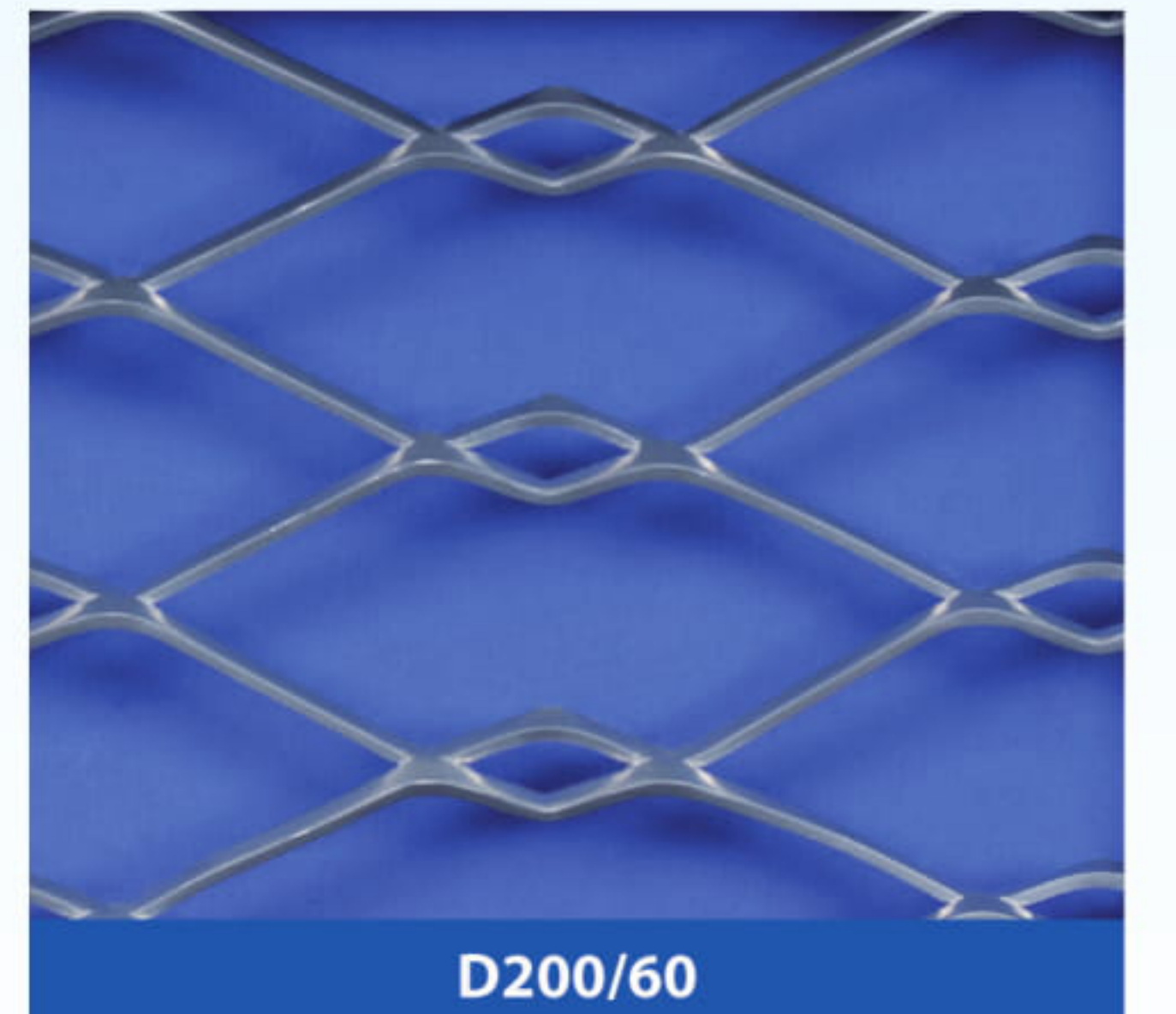
D90-50/22



D40/20



D60/30



D200/60

# GENİŞLETİLMİŞ METAL ÖLÇÜ LİSTESİ

Expanded metal measurements list



Quality, trust and experience...

## PETEK DESENİ GENİŞLETİLMİŞ METALLER

Honeycomb Designed Expanded Metals

KOD LxB	SAC KALINLIĞI S (mm)	HATVE H (mm)	TAKRİBİ AĞIRLIK (m <sup>2</sup> /kg)	EBATLAR (mm)			
				EN (mm)	BOY (mm)	EN (mm)	BOY (mm)
P20/7	1	1	2,30	1000	7000		
P30/10	1	2	3,20	1000	5000	1200	6000
	1,5	2,50	6,00	1000	4000	1200	4800
P50/15	1,5	2,5	4,00	1000	6000	1200	7200
	2	3	6,40	1000	5000	1200	6000
P80/25	2	3	4,00	1000	8000	1200	9500
	3	4	8,00	1000	6000	1200	7000
P107/33	2	4	4,00	1000	8000	1200	9500
	3	4	6,00	1000	8000	1200	9500
P203/80	3	6	4,00	1000	1200	1200	14400

## YÜKSEKLİK ÖLÇÜLERİ / Height measurements



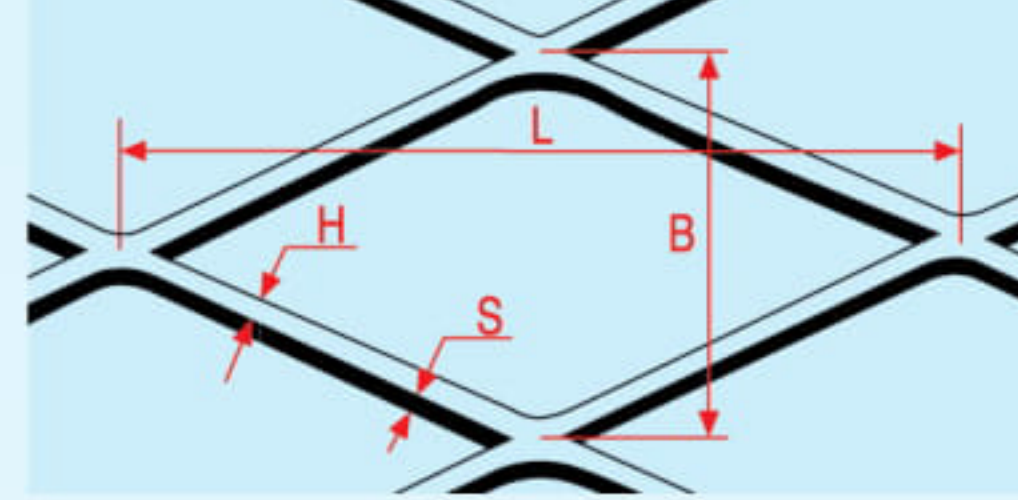
1500 mm  
1200 mm  
1000 mm  
800 mm  
600 mm  
500 mm

## DEKORATİF DESENİ GENİŞLETİLMİŞ METALLER

Decorative Designed Expanded Metals

KOD LxB	SAC KALINLIĞI S (mm)	HATVE H (mm)	TAKRİBİ AĞIRLIK (m <sup>2</sup> /kg)	EBATLAR (mm)			
				EN (mm)	BOY (mm)	EN (mm)	BOY (mm)
D52-20/11	1,50	2,50	5,00	1000	4800	1200	5700
	2	3	8,00	1000	4000	1200	4800
D65-35/19	2	3	5,30	1000	6000	1200	7200
	3	4	9,60	1000	5000	1200	5700
D90-50/22	2	3	4,40	1000	7300	1200	8800
	3	4	8,70	1000	5500	1200	6600
D40/20	1,50	3	3,60	1000	6600	1200	8000
	2	4	6,40	1000	5000	1200	6000
D60/30	2	4	4,30	1000	7500	1200	9000
	3	4	6,40	1000	7500	1200	9000
D200/600	3	6	4,80	1000	10000	1200	12000

### Baklava Örgü (Standart Braid)



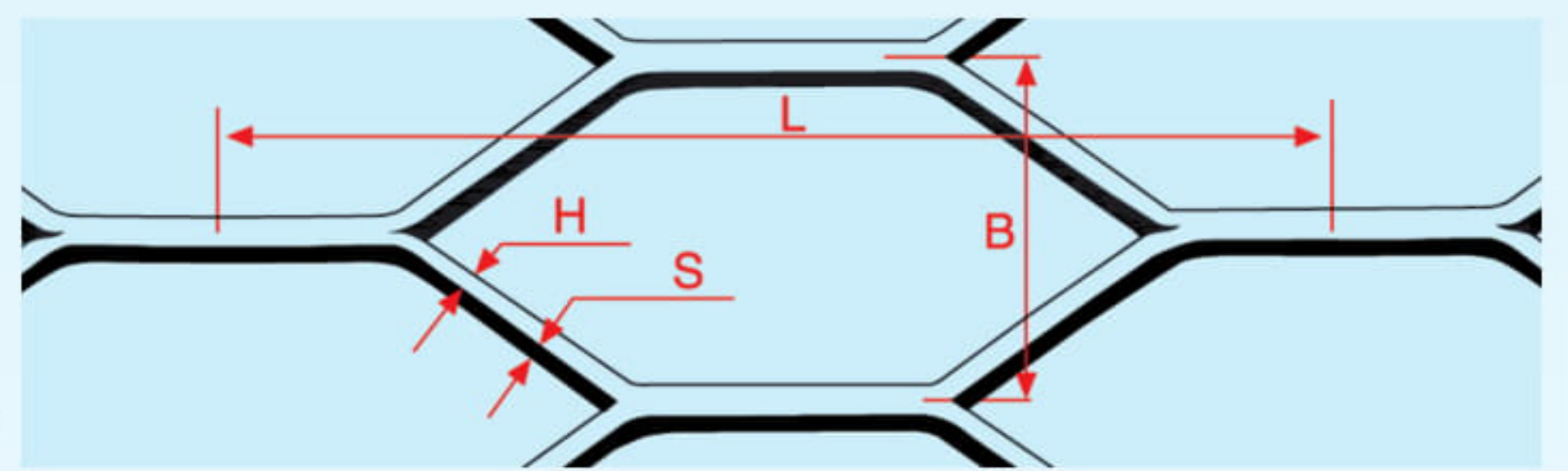
L = Uzunluk  
Braid Length

B = Genişlik  
Braid Width

S = Sac Kalınlığı  
Sheet Thickness

H = Hatve  
Strip Width

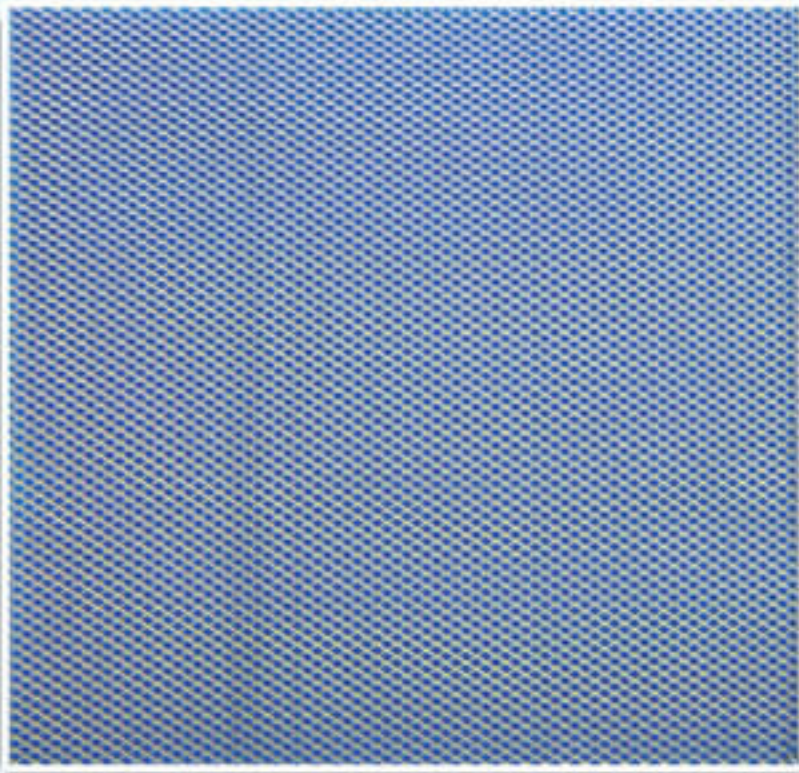
### Petek Örgü (Honeycomb Braid)



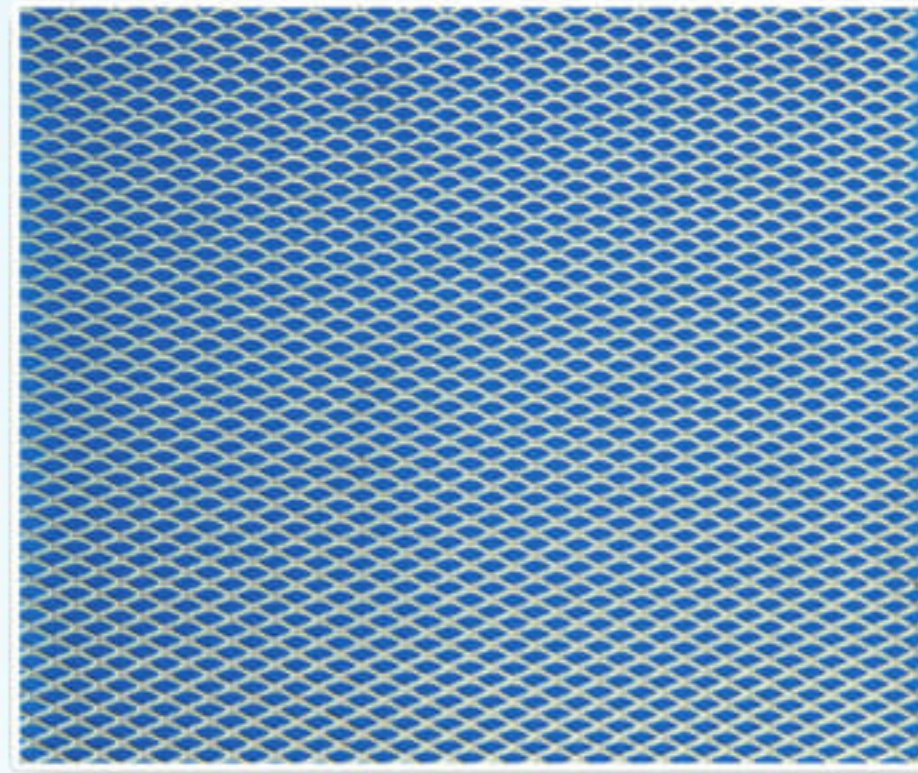
Her türlü ölçüler de imalatlarımız mevcuttur. / We can manufacture ever kind of special size.

# ALÜMİNYUM GENİŞLETİLMİŞ METAL İMALATLARIMIZ

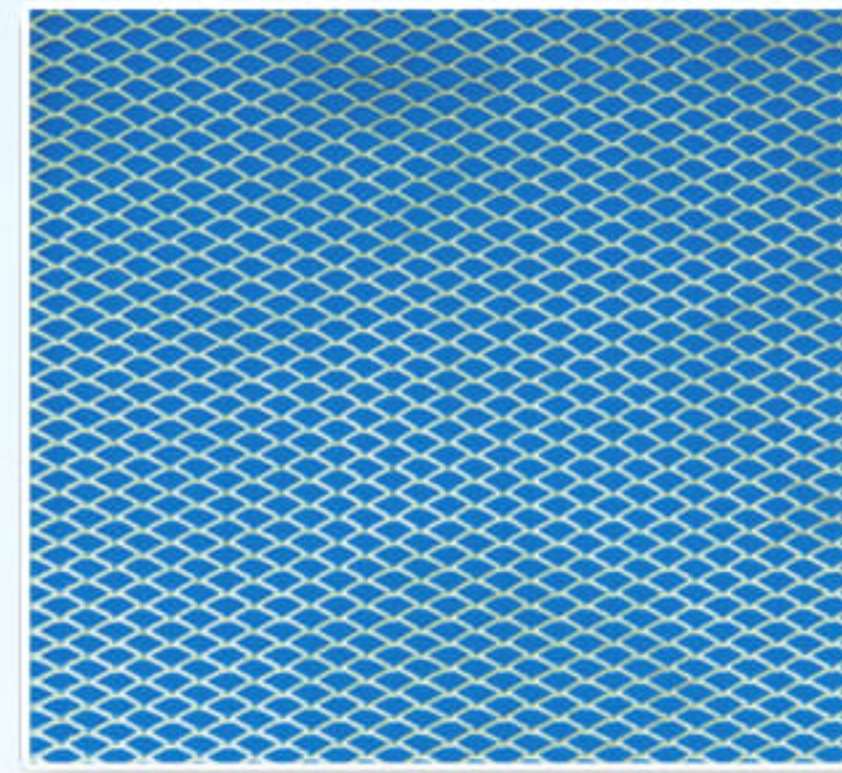
Expanded metal productions of aluminium



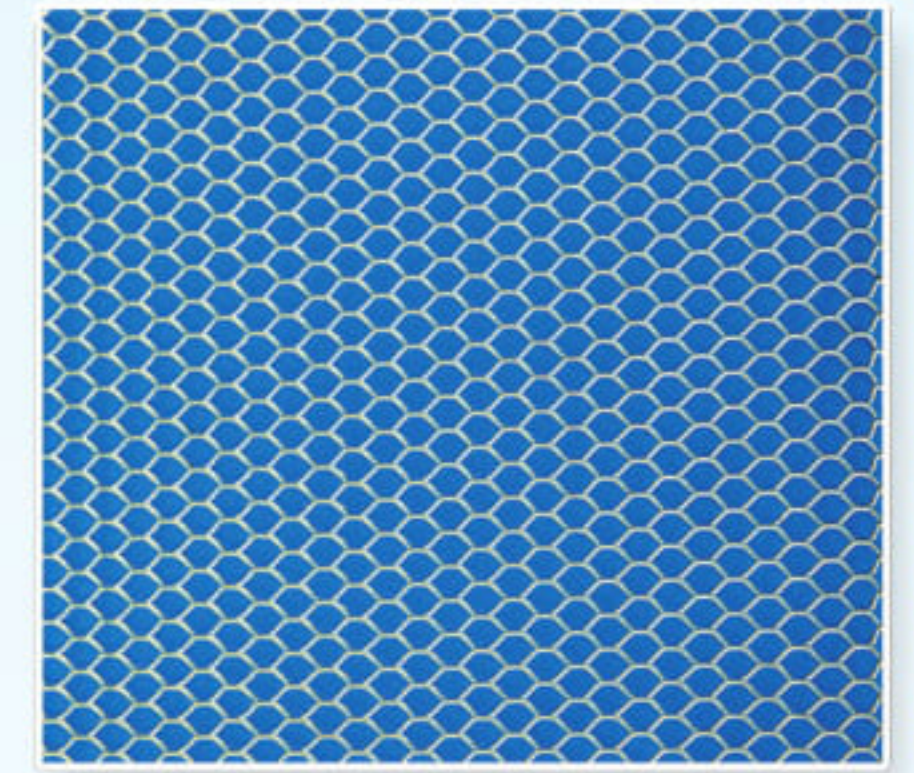
ALM 6/3



ALM 10/5



ALM 13/7



ALM 15/8 BAL PETEĞİ

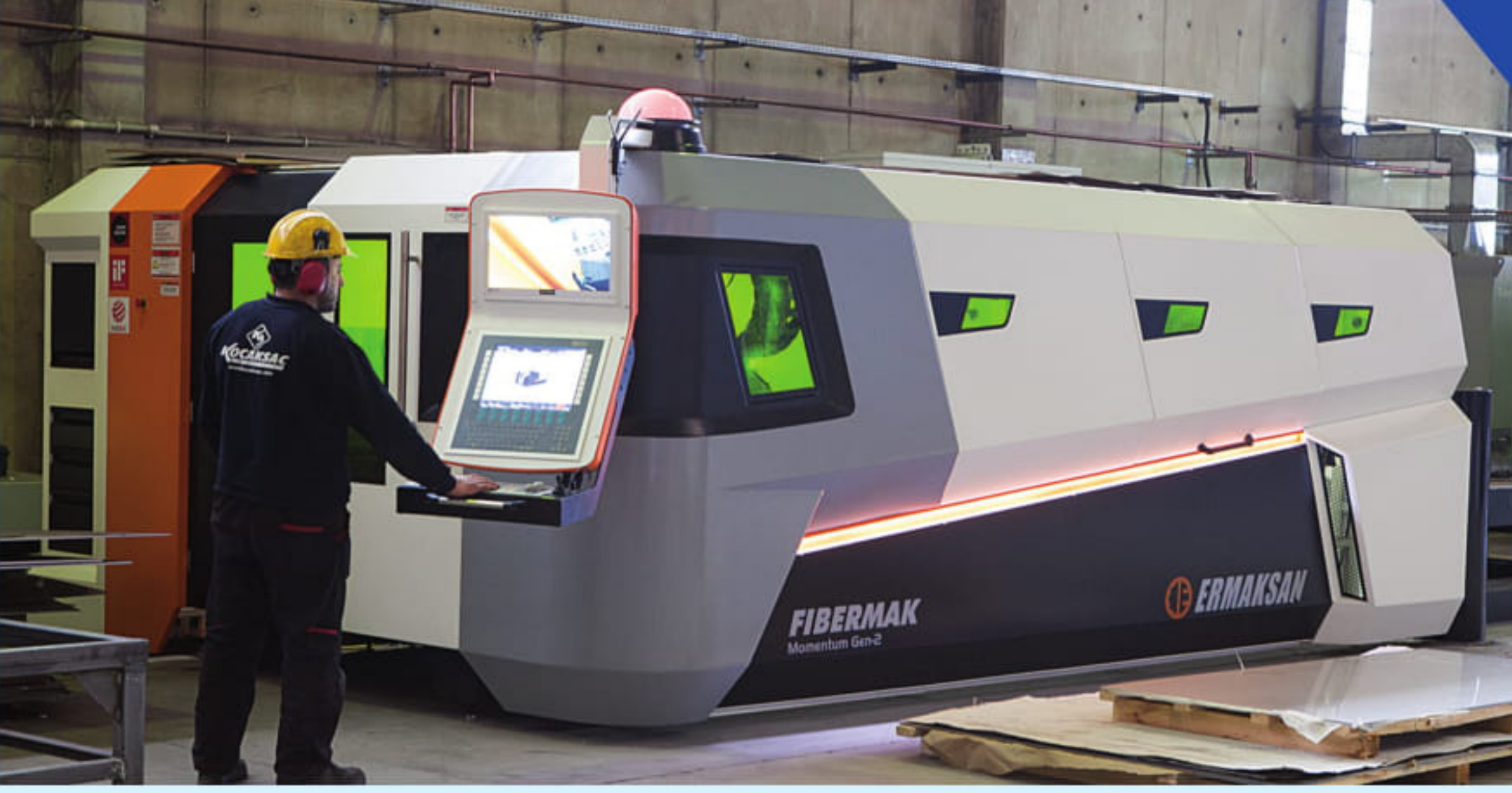
## ALÜMİNYUM GENİŞLETİLMİŞ METALLER

Expanded Metal productions of aluminium

KOD LxB	SAC KALINLIĞI S (mm)	HATVE H (mm)	TAKRİBİ AĞIRLIK (m <sup>2</sup> /kg)
Alm 6/3	0,50	0,70	0,600
Alm 10/5	0,50	1	0,600
	1	1,20	1,300
Alm 13/7	0,50	1	0,500
	1	1,20	1,000
Alm 15/8 Bal Peteği	1	1,50	1,000



1200 mm  
1000 mm  
750 mm  
600 mm  
500 mm



### MALİYET AVANTAJI

- Lazer teknolojisi ile yüksek işleme hızına ulaşılmakta ve birim maliyet düşmektedir.
- Parça imalatında kalıp maliyeti yoktur.
- Aynı plaka sac üzerinden birbirinden farklı parçalar işlenebilir.
- Fire oranı minimum seviyeye indirilir.
- İşlenecek parçaların uygun olması durumunda aynı kalınlıklar birlikte kesilerek maliyet minimum seviyeye düşürülür.
- Büküm eksenleri markalanarak sonraki imalat aşamaları hızlandırılır ve maliyetler düşürülür.

### KALİTE AVANTAJI

- Lazer teknolojisi ile çapaksız bir kesim sağlanır ve ısı deformasyonu minimum seviyededir.
- Preste oluşan sac deformasyonları yoktur.
- Contur Las teknolojisi ile sac kalınlığının 0.4 katı çapındaki delikler işlenebilir.
- 0,05 mm hassasiyet ile parçalar kesilir.
- Her türlü yazı, resim, amblem sac üzerinden kesilebilir.

### ZAMAN AVANTAJI

- Fiyatlandırma ve kesim işi kısa sürede yapılarak bir adım önde olmanız sağlanır.
- Kesim işlemi kalite bakımından diğer makinelere göre çok daha kısa zamanda yapılır.

### KESİM ESATLARI VE KALINLIKLARI

KESİLEBİLECEK SAC LEVHA BOYUTLARI	: 1500 x 3000 mm
ST-37 (DKP VE SİYAH SAC)	: 0,5 mm ile 20 mm arası
PASLANMAZ SAC	: 0,5 mm ile 15 mm arası
ALÜMİNYUM SAC	: 0,5 mm ile 8 mm arası.

### COST ADVANTAGE

- High process speed is reached with laser technology and unit cost reduces.
- No mould cost in piece production.
- Several pieces from the same sheet metal can be processed.
- Loss rate is reduced to minimum level.
- If the pieces to be processed are appropriate, by cutting the sheets at the same thickness we can minimize the cost.
- Following stages of production can be accelerated by marking the bending axis and so the costs reduce.

### QUALITY ADVANTAGE

- A smooth cutting is provided with laser technology and heat deformation is at minimum level.
- No sheet metal deformation arising under press.
- Perforation can be processed with the Cantour Laser technology.
- Pieces are cut with 0,05 mm accuracy
- Any and all kinds of writings, drawings and emblem can be cut from the surface of sheet metal.

### TIME ADVANTAGE

- By doing the pricing and cutting work in a short time, you stay one step a head.
- Cutting process is made in the shortest time according to the other machines in terms of quality.

### KESİM ESATLARI VE KALINLIKLARI

DIMENSIONS OF A SHEET METAL TO BE CUT	: 1500 x 3000 mm
ST-37 (DKP AND BLACK SHEET METAL)	: 0,5 mm - 20 mm between.
STAINLESS SHEET METAL	: 0,5 mm - 15 mm between.
ALUMINUM SHEET METAL	: 0,5 mm - 8 mm between.



# PLAZMA KESİM

Cutting plasma



Quality, trust and experience...



## DÜZ LEVHA KESİM ÖLÇÜLERİ VE EBATLARI

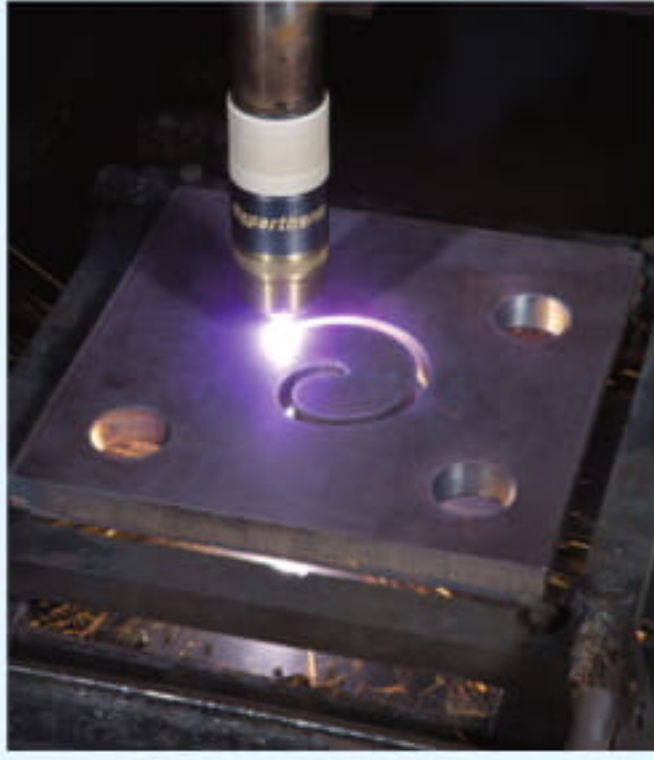
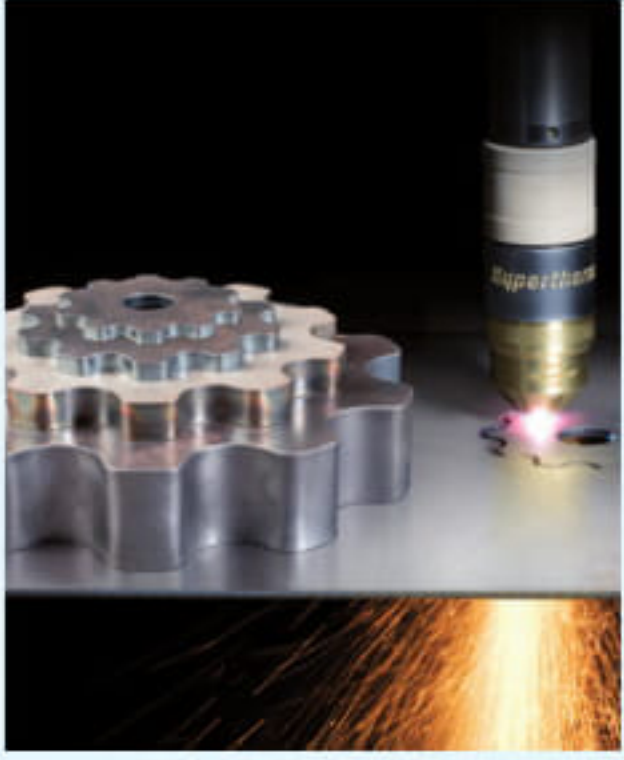
KESİLEBİLECEK SAC LEVHA

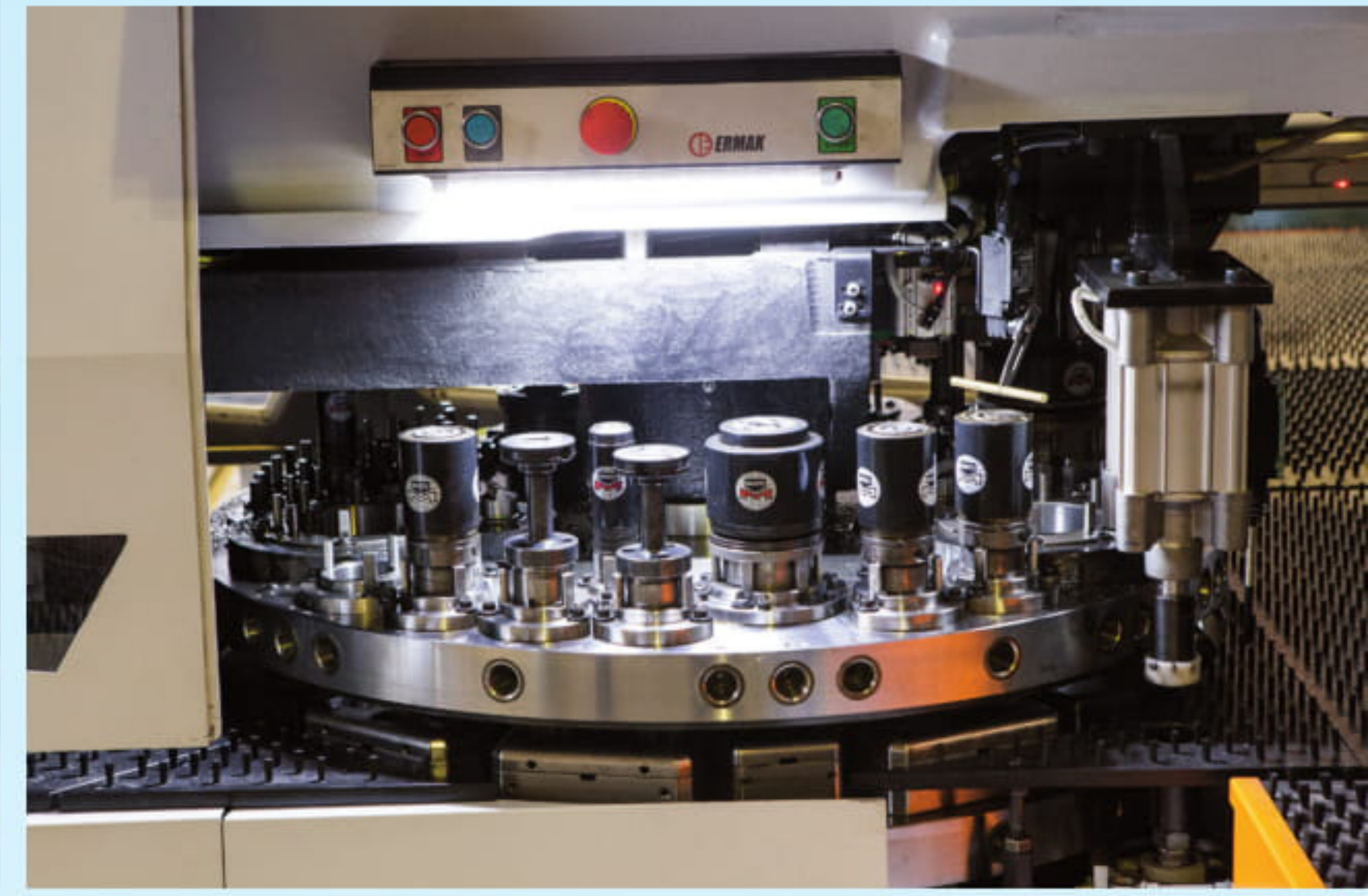
BOYUTLARI	: 3000 X 6000
SİYAH SAC	: 1 mm ile 38 mm arası
PASLANMAZ SAC	: 1 mm ile 32 mm arası
ALÜMİNYUM SAC	: 1 mm ile 25 mm arası

## DIMENSIONS FLAT AND SHEET TO BE CUT

DIMENSIONS OF A SHEET METAL

TO BE CUT	: 3000 X 6000
BLACKSHEET	: 1 mm ile 38 mm arası
STAINLESS SHEET	: 1 mm ile 32 mm arası
ALUMINUM SHEET	: 1 mm ile 25 mm arası



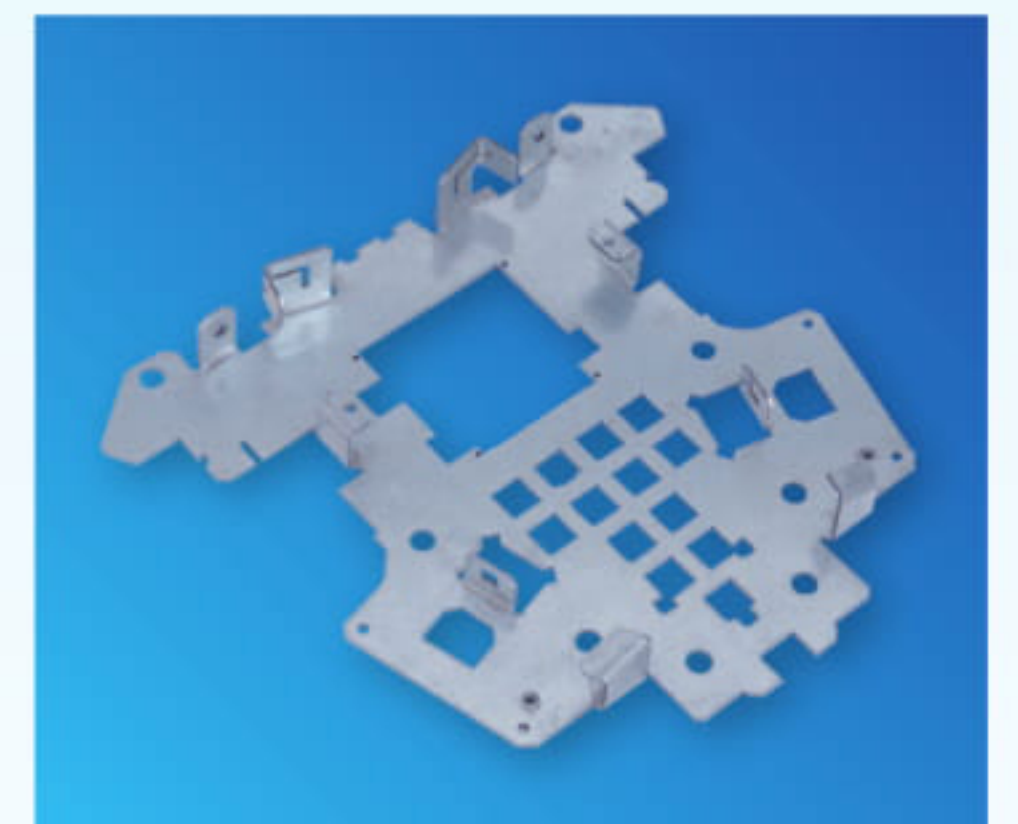
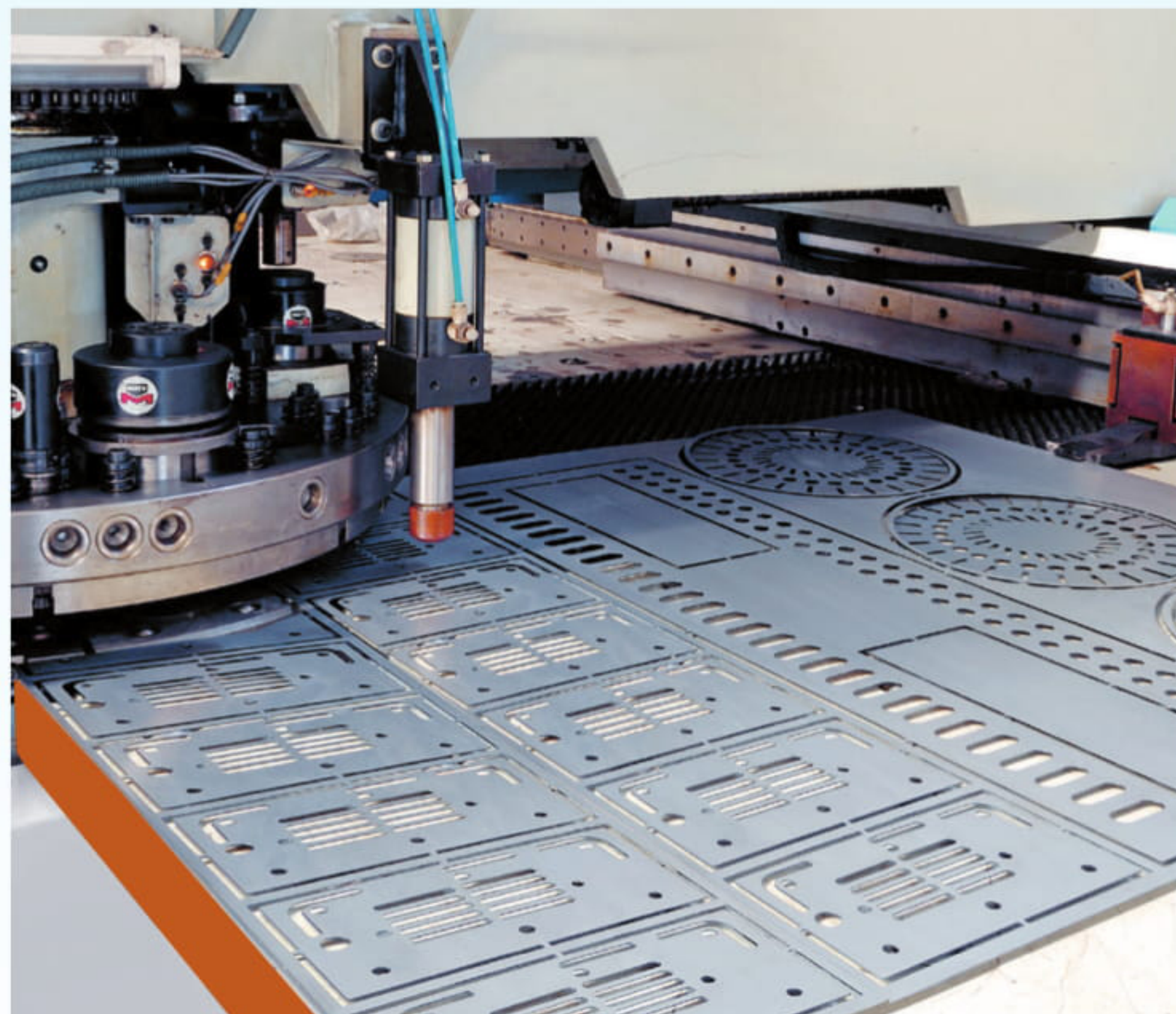
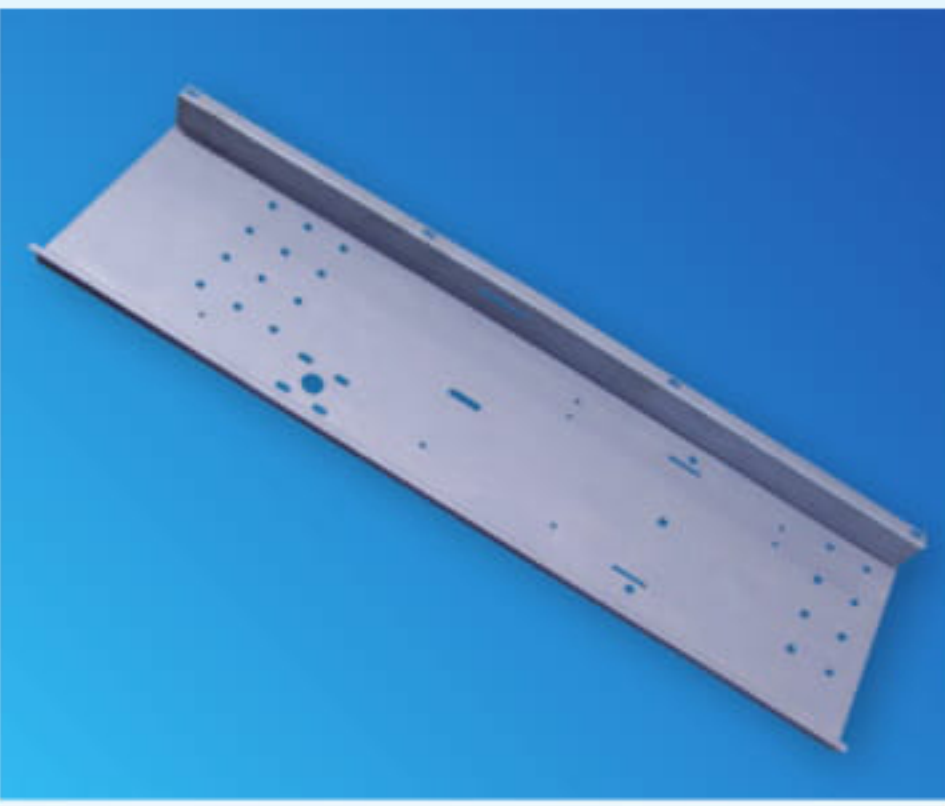


Programlama yapılarak çok yönlü ve seri bir şekilde esnek ve hassas bir üretim sağlamakta.

*It provides a flexible and delicate production in a multidimensional and serial way by programming.*

Her hangi bir çizim programından hazırlanmış Farklı model ve desenleri aynı sac üzerine işleme imkanı ile çok değişik alanlarda ihtiyaçlarınıza cevap verebilme yeteneğine sahip olmasıdır.

*It has the ability to meet your demands in a variety of fields with the capability of processing different models and patterns on the same sheet metal.*



# CNC ABKANT BÜKÜM

CNC Abkant bending



Quality, trust and experience...



Abkant presler saclara çok çeşitli şekiller verilebilmesini sağlayan özel makinelerdir. Firmamız bünyesindeki 220 ton CNC Abkant Pres 10 mm. kalınlığa kadar bükme işlemlerini etkin kılmaktadır.

Hem lazerde kesimi yapılan parçaların Hem de pañç makinesinde veya delikli sac makinesinde işlenmiş saclarınızı istenilen ölçülerde şekil verilerek bükümleri yapılabilmektedir.

Abkant Bükme sistemimizde üretilen parçaların boyut toleransı lazer sistemin tamamlayıcısı sayılabilecek niteliktedir. Büküm hassasiyet teloransımız  $\pm 0.1$  mm. dir.

## BÜKÜM ÖLÇÜ KAPASİTEMİZ

BÜKME BOYU	: 3050mm
SAC (ST37)	: 10 mm
PASLANMAZ	: 6mm
GALVANİZ	: 10 mm
ALÜMİNYUM	: 15 mm

İşimize göstermiş olduğumuz özen ile bükümü yapılan parçaların her noktasında açılarının eşit olması sağlanmakta.

Bending presses are special machines having the ability of giving a wide variety of shapes to the sheet metals. 220 ton CNC Bending Press owned by our firm operates bending processes up to 10 mm thickness.

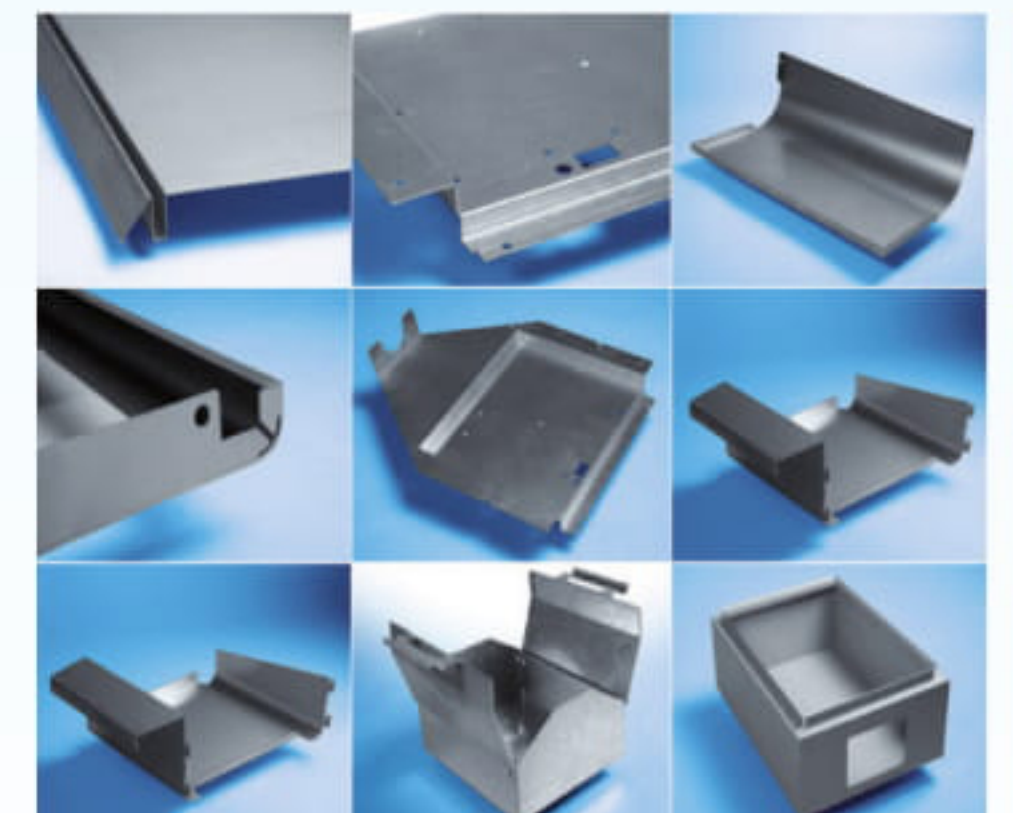
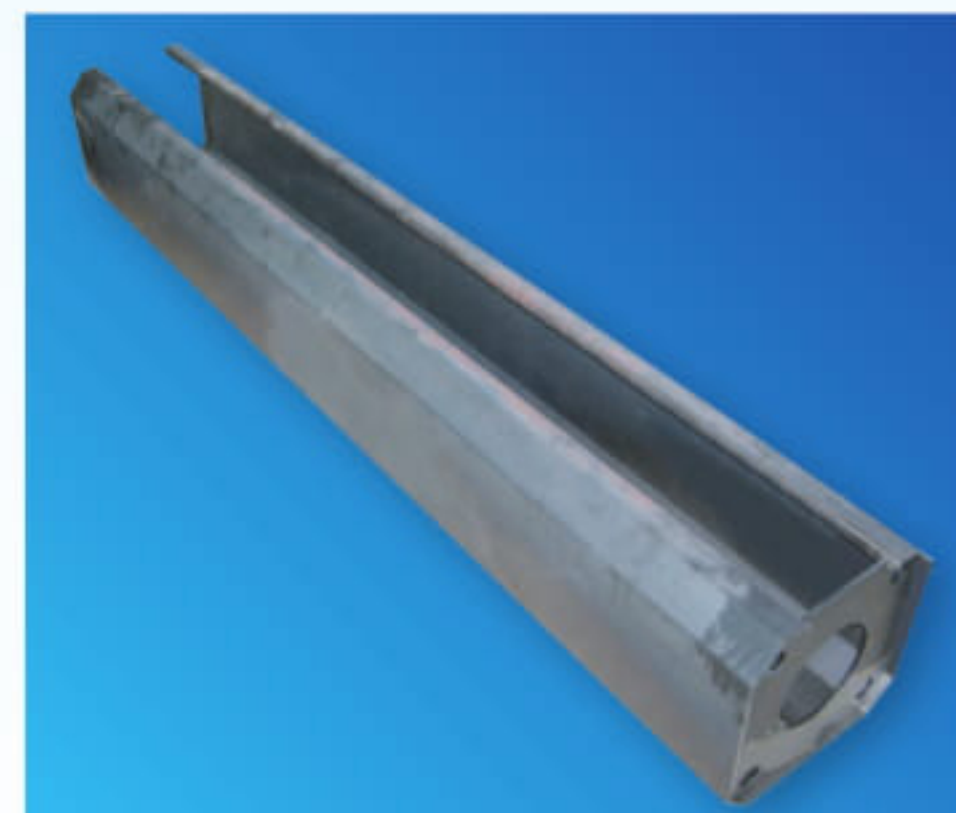
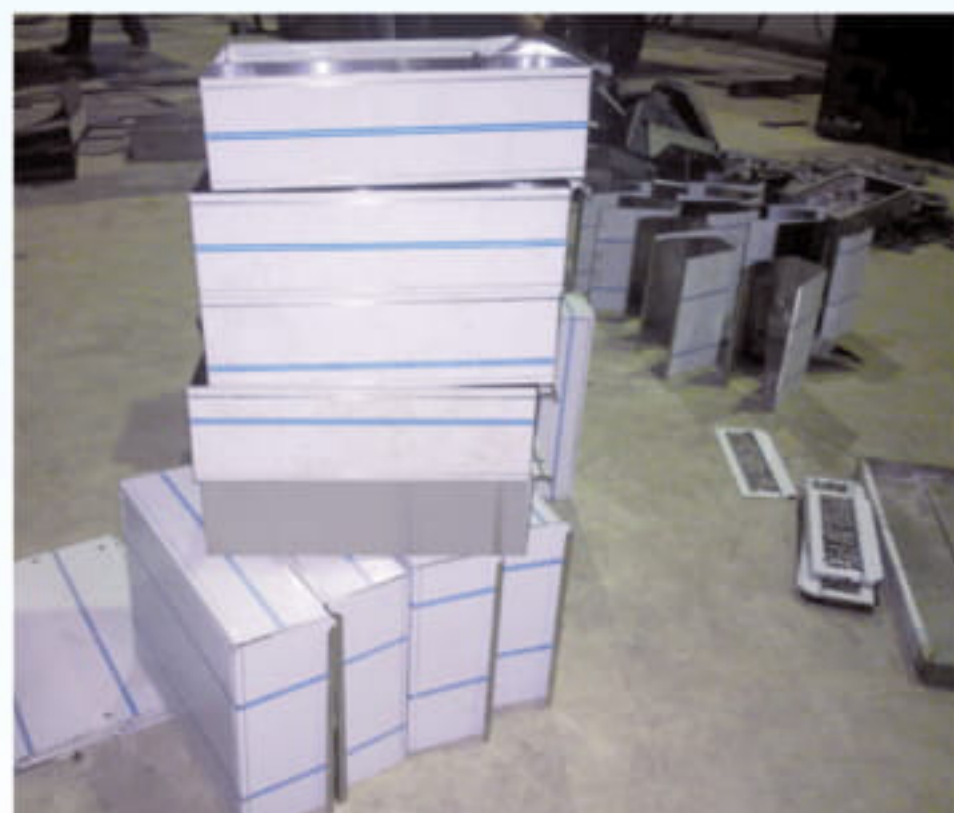
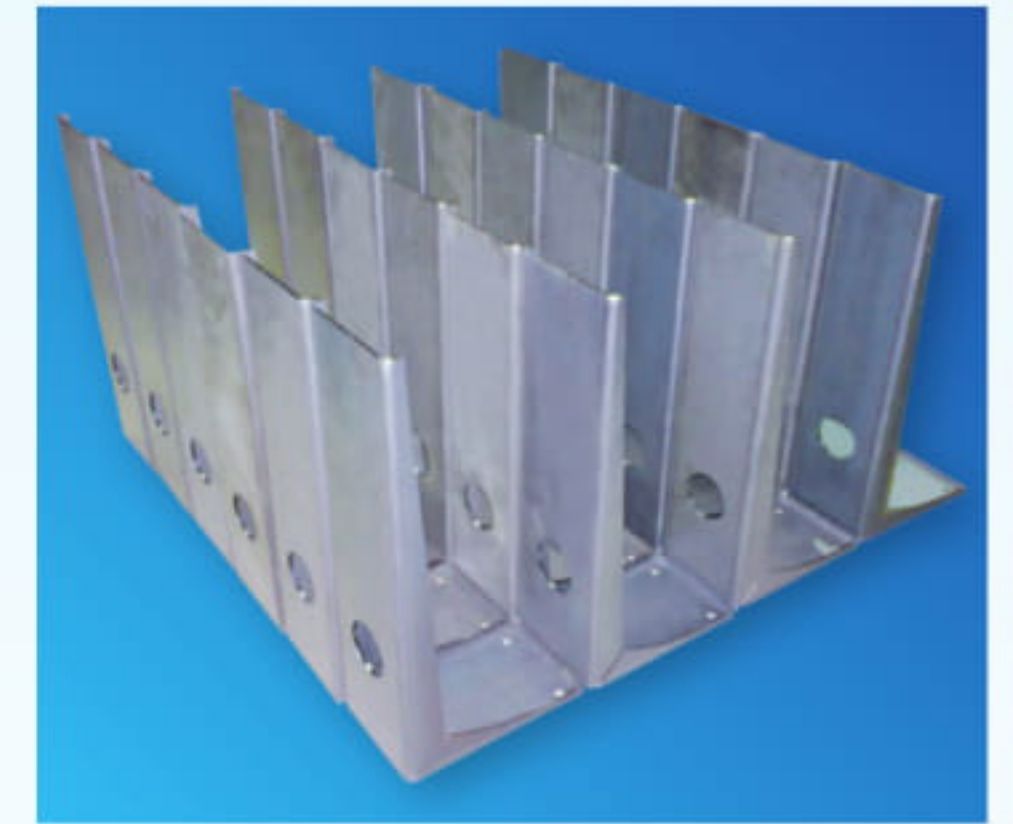
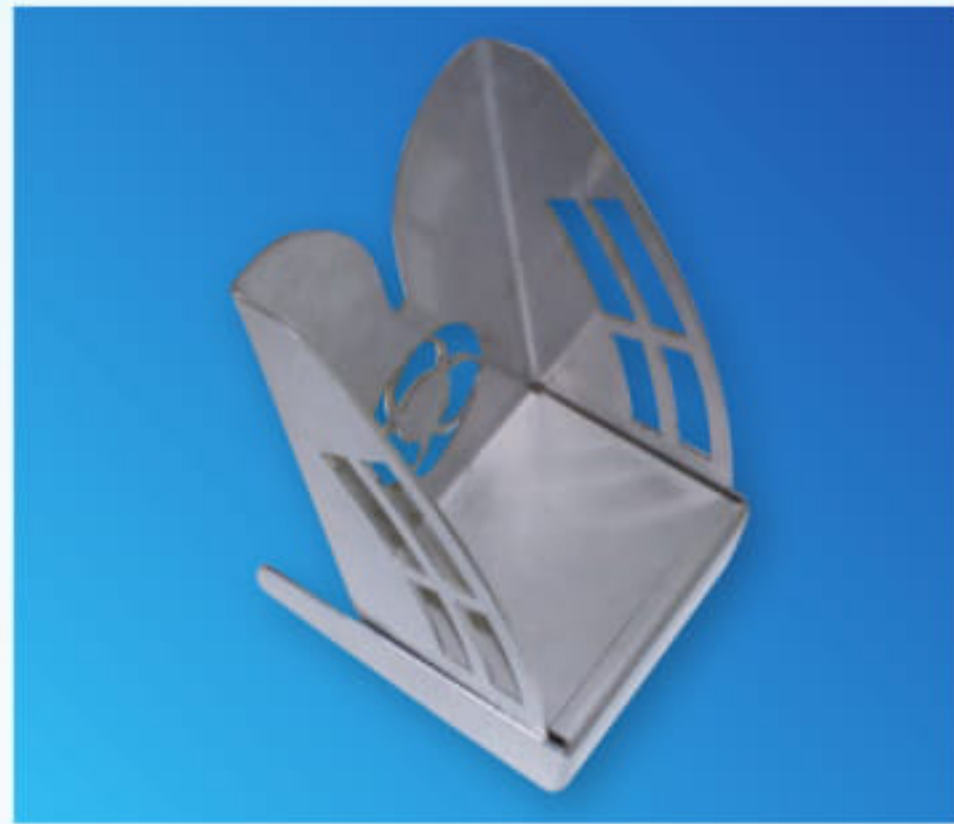
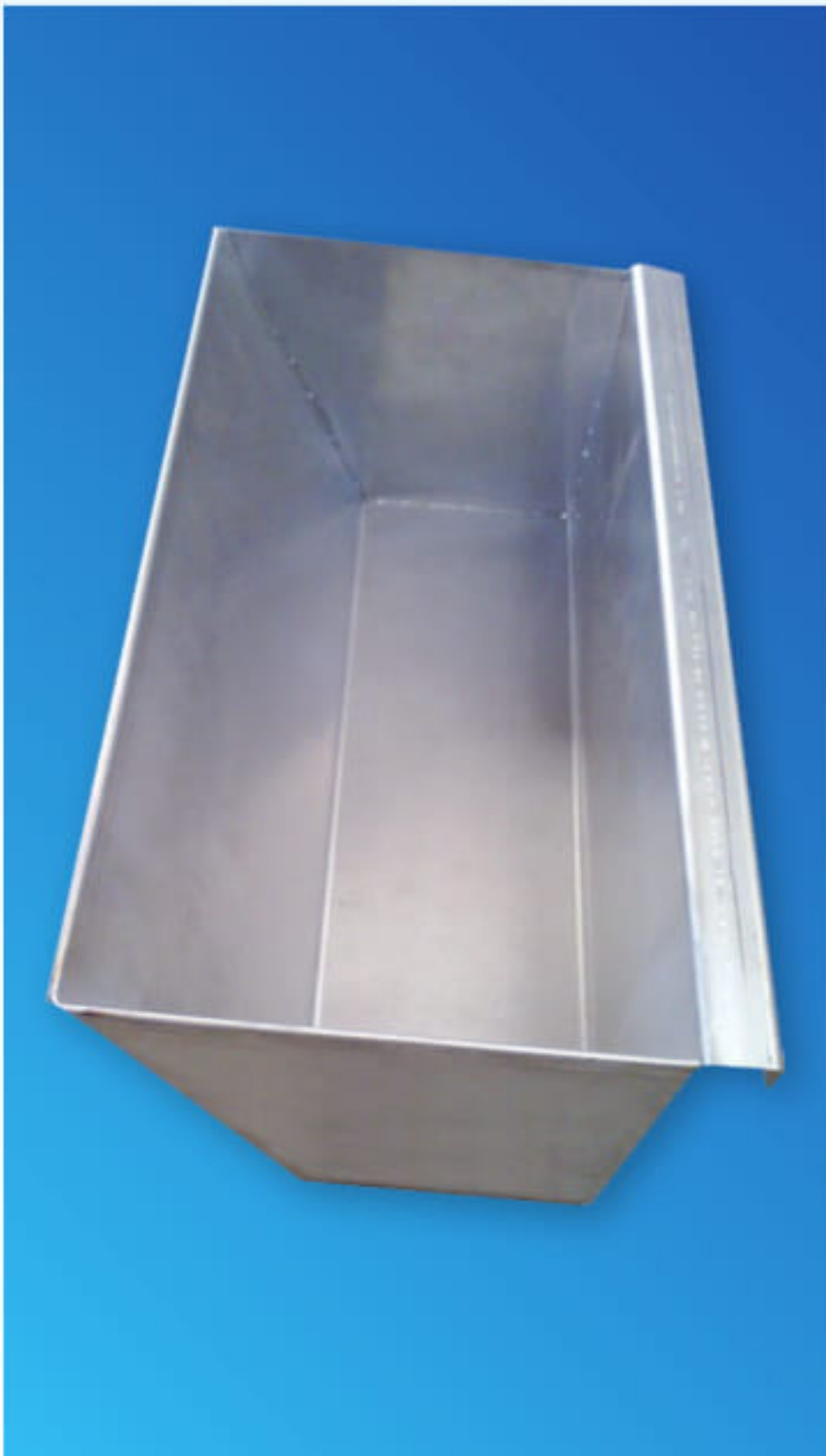
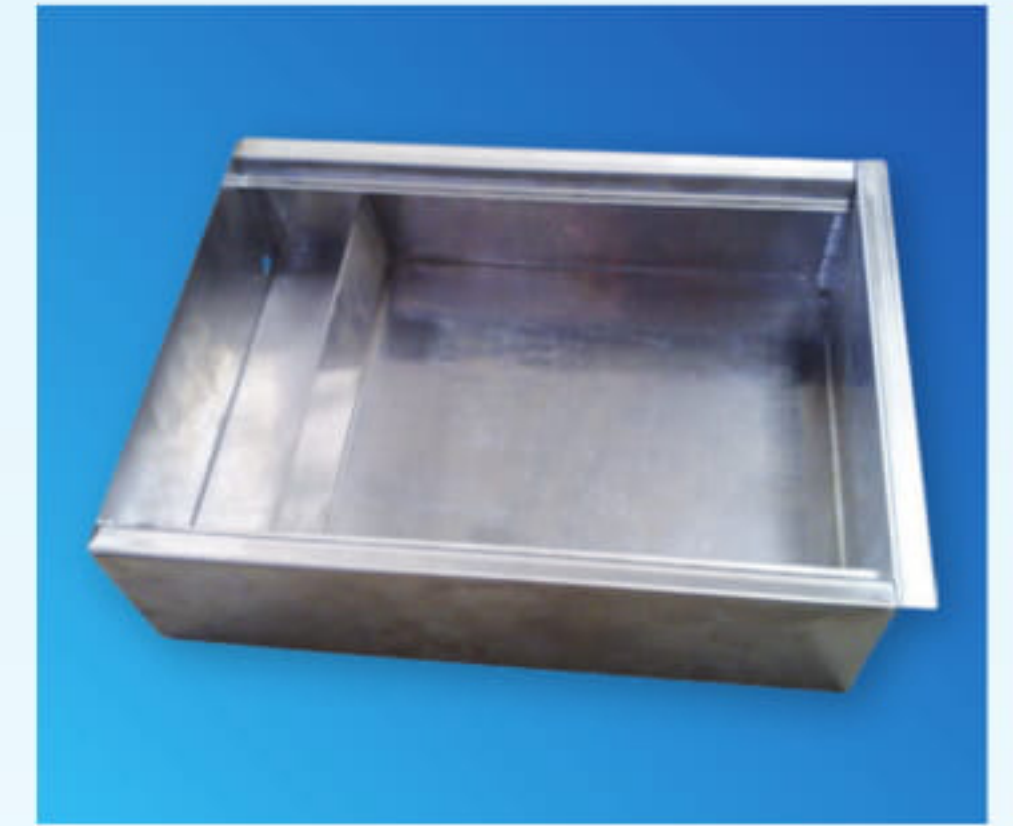
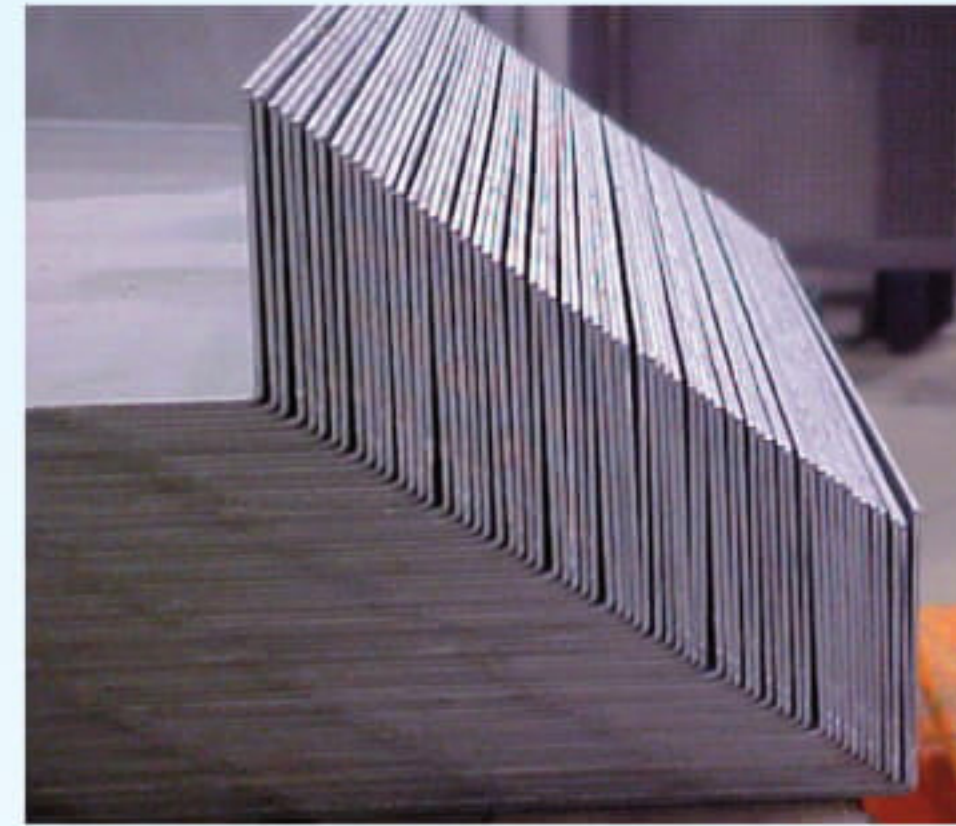
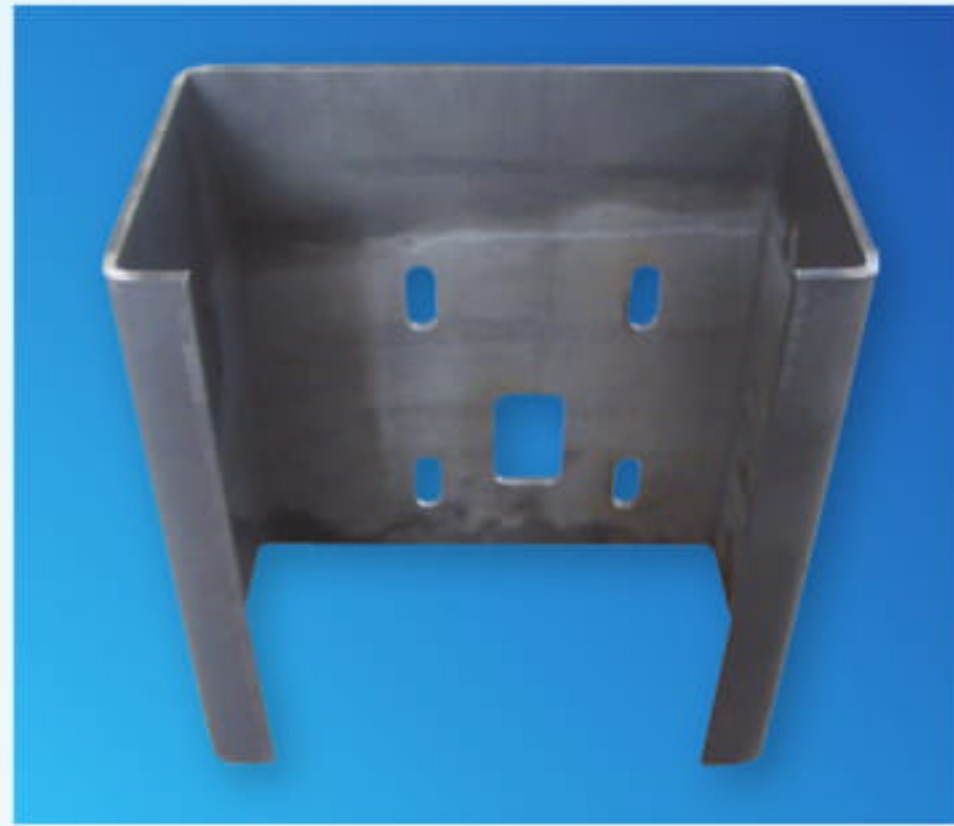
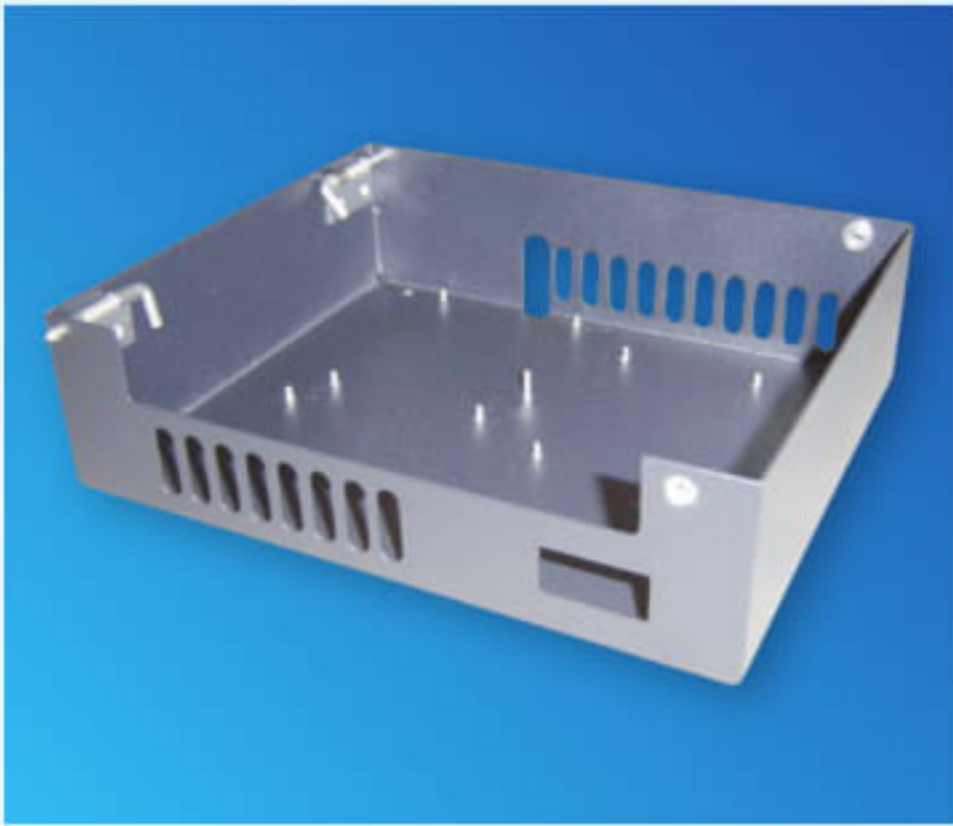
By giving the shapes in desired sizes, the bending process of your both metal pieces cut by laser and sheet metals processed in the punch machine or perforated sheet machine can be made.

The dimensional tolerance of the metal pieces produced in our Bending Press system is qualified to complete the laser system. Our bending accuracy tolerance is  $\pm 0.1$  mm.

## OUR BENDING MEASURE CAPACITY

BENDING LENGTH	: 3050mm
SHEET METAL (ST37)	: 10 mm
STAINLESS	: 6mm
GALVANIZED	: 10 mm
ALUMINUM	: 15 mm

The angles at every point of the pieces bended are provided to be equal thanks to our assiduous efforts.



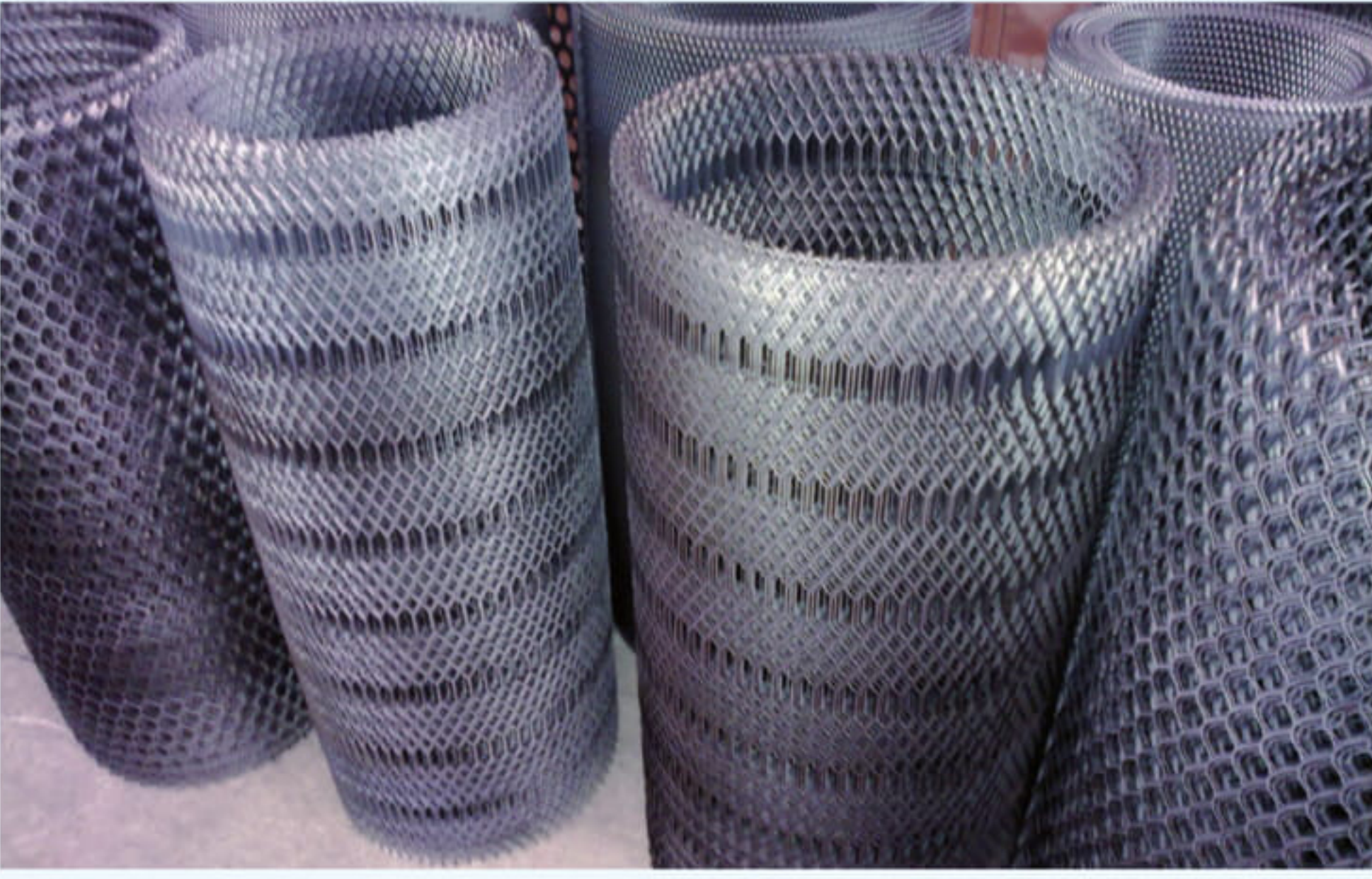


# FABRİKAMIZDAN GÖRÜNTÜLER

Frames for our factory



Quality, trust and experience...





**Merkez:** 1.Organize Sanayi Güvençli SokakNo: 15

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