

# MİKSAN®

*Hızlı Bağlama Sistemleri*

MİKSAN bir **ER-EL** markasıdır.

**Bağlama ekipmanlarında  
kalite üretiyoruz..**

*"We produce quality in clamping equipment"*



**2024** **KATALOG**  
CATALOGUE

# MIKSAN®

## Hızlı Bağlama Sistemleri

MIKSAN bir ER-EL markasıdır.



30 yıldır ülkemizde ve Yurtdışında kalıp bağlama elemanları üreticisi olarak sektöre hizmet veren MIKSAN Hızlı Bağlama Sistemleri firması 15.Ekim.2019 tarihi itibariyle satın alınarak ER-EL Kalıp Bağlama ve İşleme Sistemleri

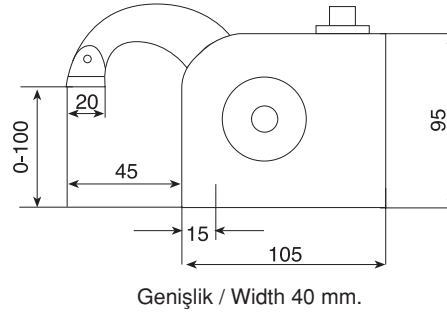
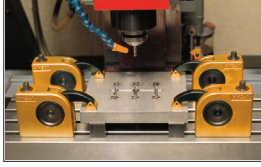
*MIKSAN Fast Coupling Systems company which has been serving to the sector as a manufacturer of mold fasteners in our country and abroad for 30 years has been purchased as of 15th of October, 2019 and ER-EL Mold Clamping and Processing Systems has joined our company.*

*MIKSAN products which are ER-EL brand; Our company will continue to serve with quality and assurance.*



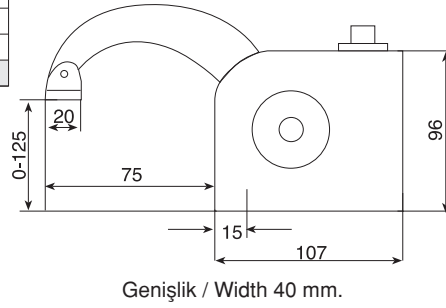
| Referans Nr.  | a  | Sıkma Kuvveti Clamping Force | Nm  | (kg) |
|---------------|----|------------------------------|-----|------|
| 1168-MB101112 | 12 | 1000                         | 160 | 1.70 |
| 1168-MB101114 | 14 | 1000                         | 160 | 1.70 |
| 1168-MB101116 | 16 | 1000                         | 160 | 1.70 |
| 1168-MB101118 | 18 | 1000                         | 160 | 1.70 |
| 1168-MB101120 | 20 | 1000                         | 160 | 1.70 |

Ürün Nr. 1168 Kombine Bağlama Pabucu  
Product Nr. 1168 Combined Clamp



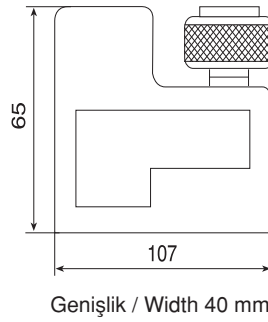
| Referans Nr.   | a  | Sıkma Kuvveti Clamping Force | Nm  | (kg) |
|----------------|----|------------------------------|-----|------|
| 1168-MBU103112 | 12 | 1000                         | 160 | 1.80 |
| 1168-MBU103114 | 14 | 1000                         | 160 | 1.80 |
| 1168-MBU103116 | 16 | 1000                         | 160 | 1.80 |
| 1168-MBU103118 | 18 | 1000                         | 160 | 1.80 |
| 1168-MBU103120 | 20 | 1000                         | 160 | 1.80 |

Ürün Nr. 1168 Kombine Bağlama Pabucu  
Product Nr. 1168 Combined Clamp



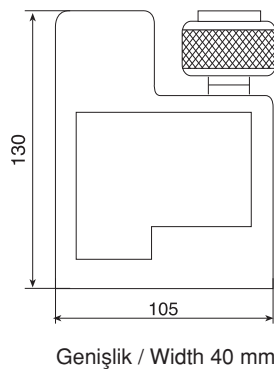
| Referans Nr. | a  | (kg) |
|--------------|----|------|
| 1168-MK1021  | 16 | 1.80 |

Ürün Nr. 1168 Kombine Bağlama Pabucu Alt Destek  
Product Nr. 1168 Combined Clamp Bottom Support



| Referans Nr. | a  | (kg) |
|--------------|----|------|
| 1168-MK1022  | 16 | 1.10 |

Ürün Nr. 1168 Kombine Bağlama Pabucu Alt Destek  
Product Nr. 1168 Combined Clamp Bottom Support





Uygulama Örneği  
Example Application

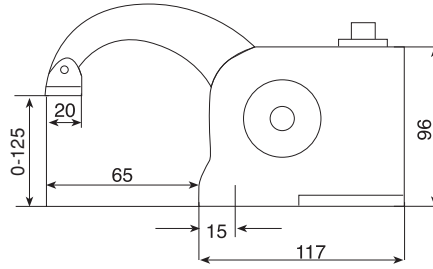


MIKSAN bir ER-EL markasıdır.

Combined Clamp



| Referans Nr.   |  | Sıkma Kuvveti<br>Clamping Force | Nm  |  |
|----------------|---|---------------------------------|-----|---|
| 1168-MFB204112 | 12  | 1000                            | 160 | 1.70  |
| 1168-MFB204114 | 14  | 1000                            | 160 | 1.70  |
| 1168-MFB204116 | 16  | 1000                            | 160 | 1.70  |
| 1168-MFB204118 | 18  | 1000                            | 160 | 1.70  |
| 1168-MFB204120 | 20  | 1000                            | 160 | 1.70  |

Ürün Nr. 1168 Kombine Bağlama Pabucu  
Product Nr. 1168 Combined Clamp



Genişlik / Width 40 mm.



| Referans Nr.   |  |  |
|----------------|---|---|
| 1168-MFK204212 | 12  | 0.80  |
| 1168-MFK204214 | 14  | 0.80  |
| 1168-MFK204216 | 16  | 0.80  |
| 1168-MFK204218 | 18  | 0.80  |
| 1168-MFK204220 | 20  | 0.80  |

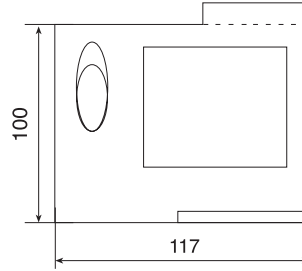
Ürün Nr. 1168 Kombine Bağlama Pabucu  
Product Nr. 1168 Combined Clamp



Uygulama Örneği  
Example Application



## Kombine Bağlama Pabucu Alt Destek

Combined Clamp Bottom Support

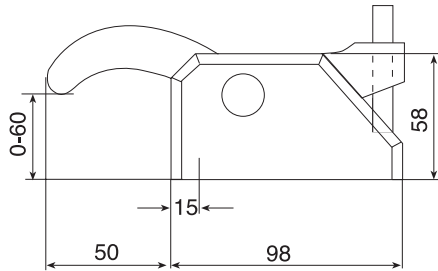
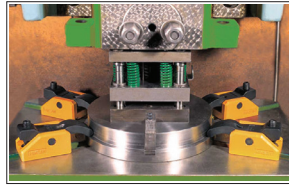


Genişlik / Width 40 mm.



| Referans Nr.   |  | Sıkma Kuvveti<br>Clamping Force | Nm  |  |
|----------------|---|---------------------------------|-----|---|
| 1168-MEP501116 | 16  | 2000                            | 110 | 2.80  |
| 1168-MEP501118 | 18  | 2000                            | 110 | 2.80  |
| 1168-MEP501120 | 20  | 2000                            | 110 | 2.80  |
| 1168-MEP501122 | 22  | 2000                            | 110 | 2.80  |
| 1168-MEP501124 | 24  | 2000                            | 110 | 2.80  |

Ürün Nr. 1168 Kombine Bağlama Pabucu  
Product Nr. 1168 Combined Clamp



Genişlik / Width 72 mm.



## Kombine Bağlama Pabucu

Combined Clamp



## Kombine Bağlama Pabucu Alt Destek

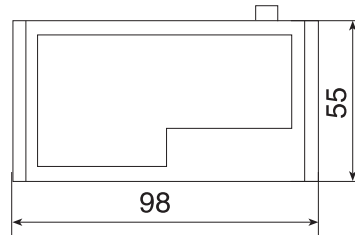
Combined Clamp Bottom Support

| Referans Nr. |  |  |
|--------------|---|---|
| 1168-MPK5022 | 18  | 0.90  |

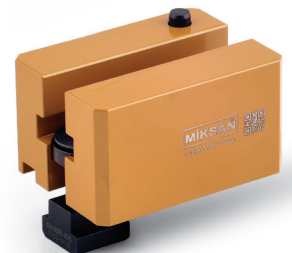
Ürün Nr. 1168 Kombine Bağlama Pabucu Alt Destek  
Product Nr. 1168 Combined Clamp Bottom Support



Uygulama Örneği  
Example Application



Genişlik / Width 72 mm.





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Combined Clamp

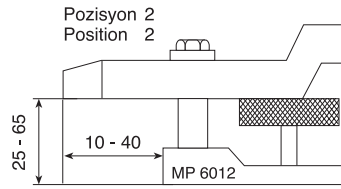
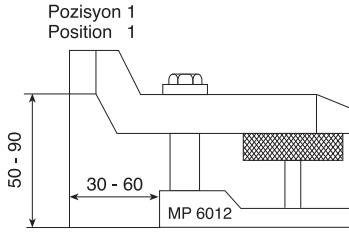
| Referans Nr.  | a  | Sıkma Kuvveti Clamping Force | Nm  | (kg) |
|---------------|----|------------------------------|-----|------|
| 1168-MP601214 | 14 | 2000                         | 130 | 2.50 |
| 1168-MP601216 | 16 | 2000                         | 130 | 2.50 |
| 1168-MP601218 | 18 | 2000                         | 130 | 2.50 |
| 1168-MP601220 | 20 | 2000                         | 130 | 2.50 |

### Ürün Nr. 1168 Kombine Bağlama Pabucu

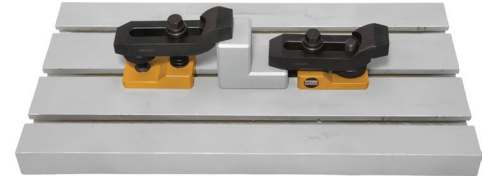
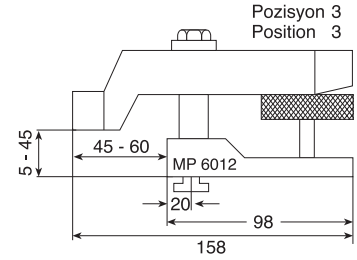
- Pabucun çift taraflı kullanım özelliği; kendi içinde bulunan yükseltici desteği ile kısıtlı alanlarda kullanım kolaylığı sağlar.

### Product Nr. 1168 Combined Clamp

- Double-sided usage of the clamp and it's stepped lifter's provides using advantage in restricted areas



Genişlik / Width 60 mm.



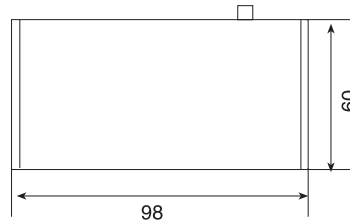
## Kombine Bağlama Pabucu Alt Destek

Combined Clamp Bottom Support

| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 1168-MY602114 | 14 | 0.60 |
| 1168-MY602116 | 16 | 0.60 |
| 1168-MY602118 | 18 | 0.60 |
| 1168-MY602120 | 20 | 0.60 |

### Ürün Nr. 1168 Kombine Bağlama Pabucu Alt Destek

### Product Nr. 1168 Combined Clamp Bottom Support



Genişlik / Width 58 mm.

Uygulama Örneği  
Example Application

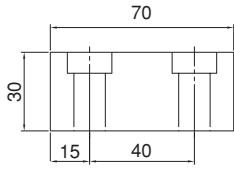
| Referans Nr.   | a  | Sıkma Kuvveti Clamping Force | Nm | (kg) |
|----------------|----|------------------------------|----|------|
| 2070-MBS701214 | 14 | 2500                         | 60 | 3.14 |
| 2070-MBS701216 | 16 | 2500                         | 60 | 3.14 |
| 2070-MBS701218 | 18 | 2500                         | 60 | 3.14 |
| 2070-MBS701220 | 20 | 2500                         | 60 | 3.14 |

**Ürün Nr. 2070 Yandan Bağlama Set**

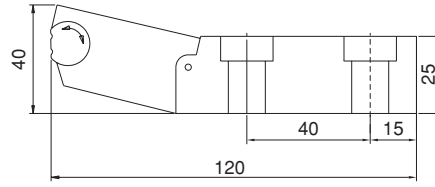
- Mafsallı tasarımıyla düz olmayan yüzeylerde dahi mevcut yüzey şeklini alarak emniyetli bağlama yapar.

**Product Nr. 2070 Side Wrench Set**

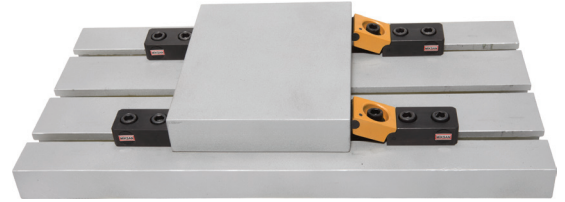
- With its articulated design, it makes safe bonding even on uneven surfaces by taking the existing surface shape.



Genişlik / Width 40 mm.



Genişlik / Width 40 mm.

**Yandan Bağlama Gövde**

Side Press Body

| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 2070-MS701114 | 14 | 0.87 |
| 2070-MS701116 | 16 | 0.87 |
| 2070-MS701118 | 18 | 0.87 |
| 2070-MS701120 | 20 | 0.87 |

**Ürün Nr. 2070 Yandan Bağlama Gövde**

- Mafsallı tasarımıyla düz olmayan yüzeylerde dahi mevcut yüzey şeklini alarak emniyetli bağlama yapar.

**Product Nr. 2070 Side Press Body**

- With its articulated design, it makes safe bonding even on uneven surfaces by taking the existing surface shape.

**Yandan Bağlama Dayama**

Side Press Stopper

| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 2070-MD702114 | 14 | 0.65 |
| 2070-MD702116 | 16 | 0.65 |
| 2070-MD702118 | 18 | 0.65 |
| 2070-MD702120 | 20 | 0.65 |

**Ürün Nr. 2070 Yandan Bağlama Dayama****Product Nr. 2070 Side Press Stopper**

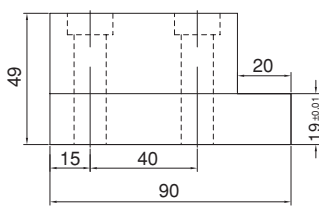
| Referans Nr.   | a  | Sıkma Kuvveti Clamping Force | Nm | (kg) |
|----------------|----|------------------------------|----|------|
| 2070-MBS801114 | 14 | 2500                         | 60 | 6.15 |
| 2070-MBS801116 | 16 | 2500                         | 60 | 6.15 |
| 2070-MBS801118 | 18 | 2500                         | 60 | 6.15 |
| 2070-MBS801120 | 20 | 2500                         | 60 | 6.15 |

**Ürün Nr. 2070 Yandan Bağlama (Paralelli) Set**

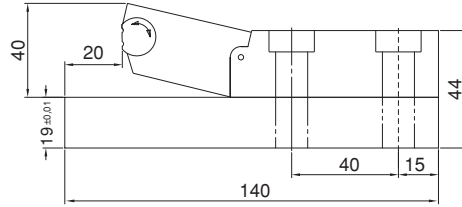
- Mafsallı tasarımıyla düz olmayan yüzeylerde dahi mevcut yüzey şeklini alarak emniyetli bağlama yapar.

**Product Nr. 2070 Side Wrench Set (With Parallel)**

- With its articulated design, it makes safe bonding even on uneven surfaces by taking the existing surface shape.



Genişlik / Width 40 mm.



Genişlik / Width 40 mm.

**Yandan Bağlama Gövde**

## Side Press Body

| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 2070-MS801214 | 14 | 1.86 |
| 2070-MS801216 | 16 | 1.86 |
| 2070-MS801218 | 18 | 1.86 |
| 2070-MS801220 | 20 | 1.86 |

**Ürün Nr. 2070 Yandan Bağlama Gövde**

- Mafsallı tasarımıyla düz olmayan yüzeylerde dahi mevcut yüzey şeklini alarak emniyetli bağlama yapar.

**Product Nr. 2070 Side Press Body**

- With its articulated design, it makes safe bonding even on uneven surfaces by taking the existing surface shape.



**Yandan Bağlama Dayama**

## Side Press Stopper

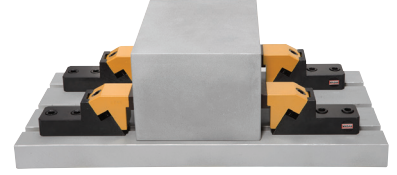
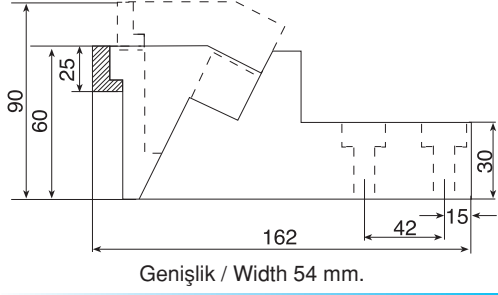
| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 2070-MD802214 | 14 | 1.18 |
| 2070-MD802216 | 16 | 1.18 |
| 2070-MD802218 | 18 | 1.18 |
| 2070-MD802220 | 20 | 1.18 |



**Ürün Nr. 2070 Yandan Bağlama Dayama****Product Nr. 2070 Side Press Stopper**



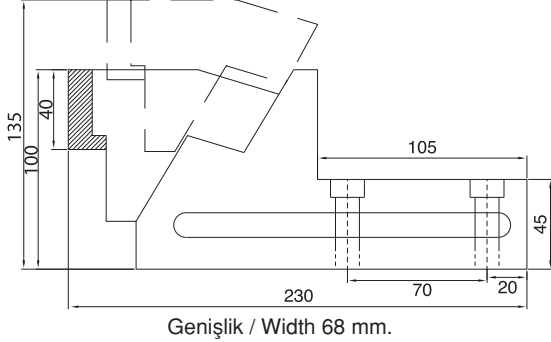
| Referans Nr.   |  | Sıkma Kuvveti<br>Clamping Force | Nm |  |
|----------------|---|---------------------------------|----|---|
| 2105-MYB404114 | 14  | 3000                            | 55 | 2.80  |
| 2105-MYB404116 | 16  | 3000                            | 55 | 2.80  |
| 2105-MYB404118 | 18  | 3000                            | 55 | 2.80  |
| 2105-MYB404120 | 20  | 3000                            | 55 | 2.80  |
| 2105-MYB404122 | 22  | 3000                            | 55 | 2.80  |
| 2105-MYB404124 | 24  | 3000                            | 55 | 2.80  |



Ürün Nr. 2105 Blok Yandan Bağlama  
Product Nr. 2105 Block Side Press



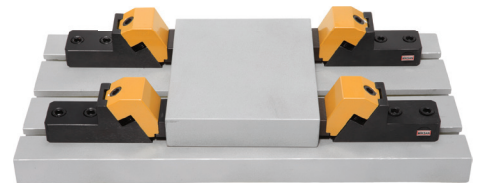
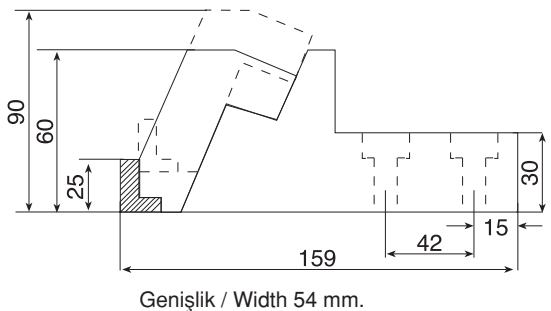
| Referans Nr.   |  | Sıkma Kuvveti<br>Clamping Force | Nm |  |
|----------------|---|---------------------------------|----|---|
| 2105-MYB901120 | 20  | 3000                            | 55 | 6.85  |
| 2105-MYB901122 | 22  | 3000                            | 55 | 6.85  |
| 2105-MYB901124 | 24  | 3000                            | 55 | 6.85  |
| 2105-MYB901128 | 28  | 3000                            | 55 | 6.85  |

Ürün Nr. 2105 Blok Yandan Bağlama  
Product Nr. 2105 Block Side Press



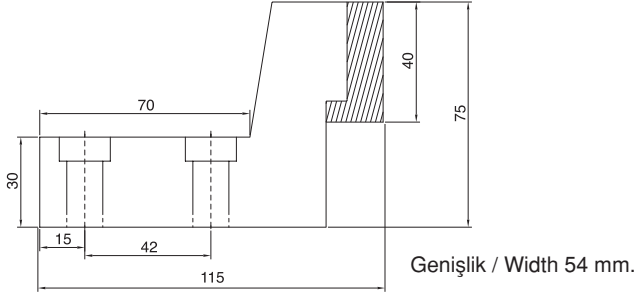
| Referans Nr.   |  | Sıkma Kuvveti<br>Clamping Force | Nm |  |
|----------------|---|---------------------------------|----|---|
| 2105-MYB303114 | 14  | 3000                            | 55 | 2.80  |
| 2105-MYB303116 | 16  | 3000                            | 55 | 2.80  |
| 2105-MYB303118 | 18  | 3000                            | 55 | 2.80  |
| 2105-MYB303120 | 20  | 3000                            | 55 | 2.80  |
| 2105-MYB303122 | 22  | 3000                            | 55 | 2.80  |
| 2105-MYB303124 | 24  | 3000                            | 55 | 2.80  |

Ürün Nr. 2105 Blok Yandan Bağlama  
Product Nr. 2105 Block Side Press



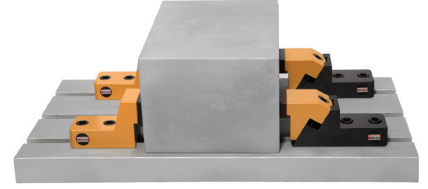
| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 2105-MD404214 | 14 | 1.86 |
| 2105-MD404216 | 16 | 1.86 |
| 2105-MD404218 | 18 | 1.86 |
| 2105-MD404220 | 20 | 1.86 |
| 2105-MD404222 | 22 | 1.86 |
| 2105-MD404224 | 24 | 1.86 |

Ürün Nr. 2105 Blok Yandan Bağlama Dayaması  
Product Nr. 2105 Block Stopper Side Press



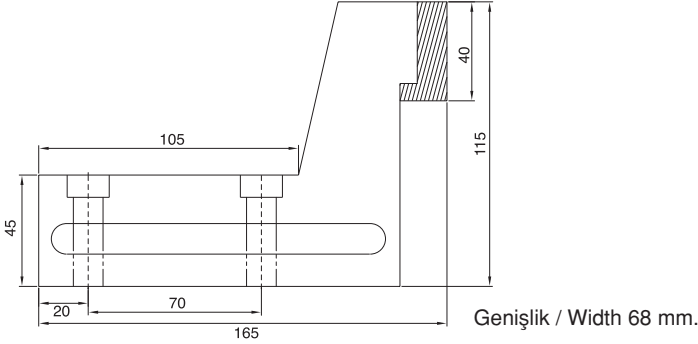
## Blok Yandan Bağlama Dayaması

Block Stopper Side Press



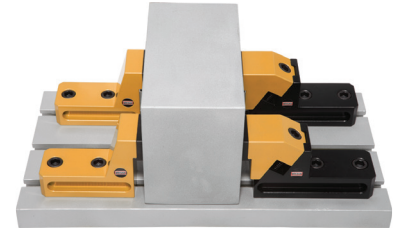
| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 2105-MD902120 | 20 | 4.50 |
| 2105-MD902122 | 22 | 4.50 |
| 2105-MD902124 | 24 | 4.50 |
| 2105-MD902128 | 28 | 4.50 |

Ürün Nr. 2105 Blok Yandan Bağlama Dayaması  
Product Nr. 2105 Block Stopper Side Press



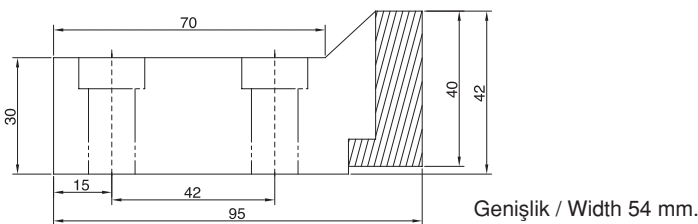
## Blok Yandan Bağlama Dayaması

Block Stopper Side Press



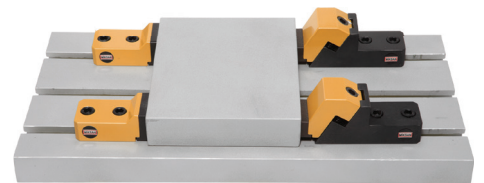
| Referans Nr.  | a  | (kg) |
|---------------|----|------|
| 2105-MD303214 | 14 | 1.17 |
| 2105-MD303216 | 16 | 1.17 |
| 2105-MD303218 | 18 | 1.17 |
| 2105-MD303220 | 20 | 1.17 |
| 2105-MD303222 | 22 | 1.17 |
| 2105-MD303224 | 24 | 1.17 |

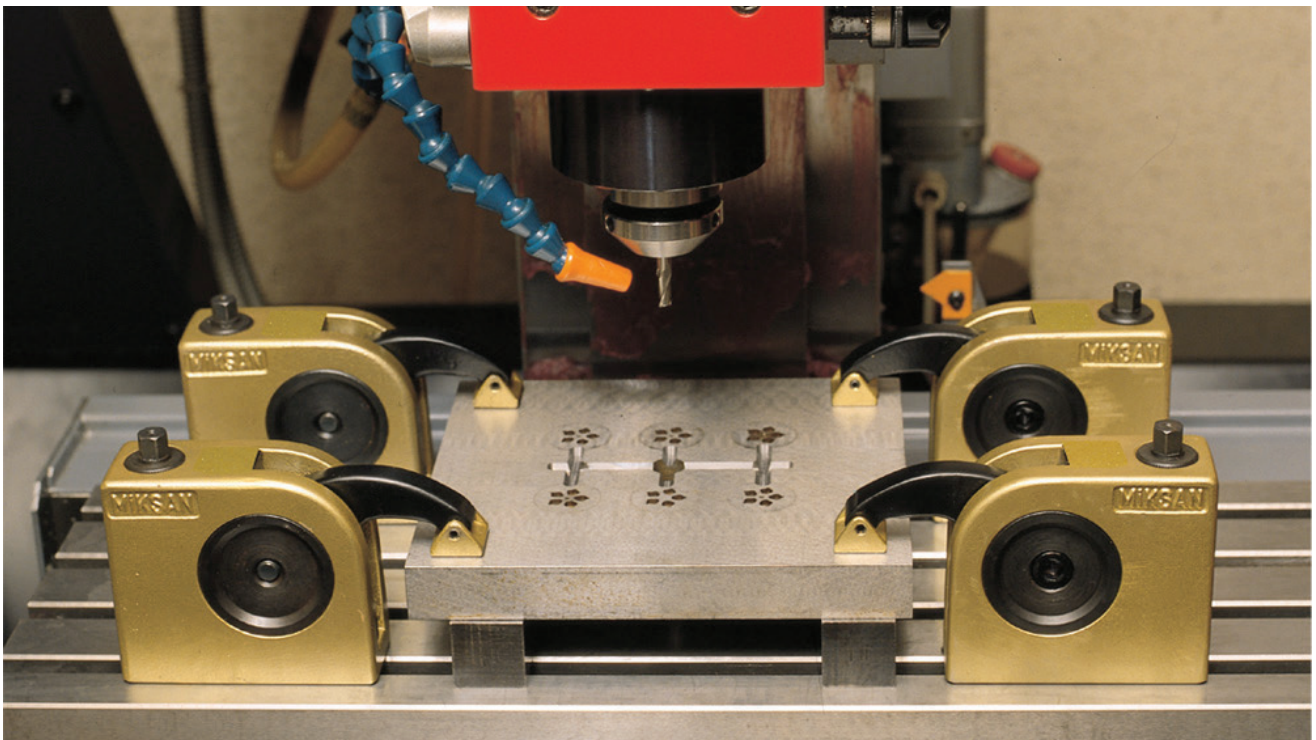
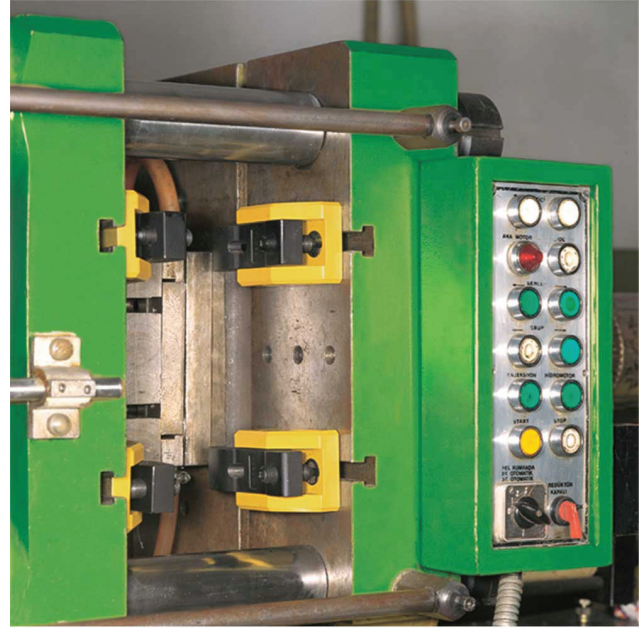
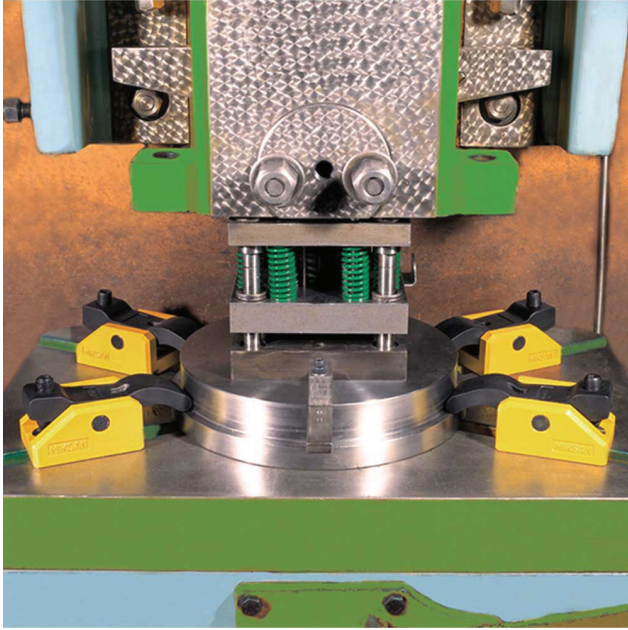
Ürün Nr. 2105 Blok Yandan Bağlama Dayaması  
Product Nr. 2105 Block Stopper Side Press



## Blok Yandan Bağlama Dayaması

Block Stopper Side Press







**MARKA TESCİL BELGESİ**  
T.C. TİCARİ MÜHÜR ENSTİTÜSÜ

**ER-EL**

TÜRK PATENT ENSTİTÜSÜ

Marka Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALATI SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
Ticaret Sicil No: 291201/09468 Y  
Kıbrıs Bulvarı No: 10  
Kadıköy / Beşiktaş / İstanbul / Türkiye

**MARKA TESCİL BELGESİ SURETİ**  
T.C. TİCARİ MÜHÜR ENSTİTÜSÜ

**MIKSAN**

Marka Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALATI SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
Ticaret Sicil No: 291201/09468 Y  
Kıbrıs Bulvarı No: 10  
Kadıköy / Beşiktaş / İstanbul / Türkiye

Marka No: 199736 - Ticaret

Marka Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALATI SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
Ticaret Sicil No: 291201/09468 Y  
Kıbrıs Bulvarı No: 10  
Kadıköy / Beşiktaş / İstanbul / Türkiye

Marka No: 199736 - Ticaret

**MARKA TESCİL BELGESİ**  
T.C. TİCARİ MÜHÜR ENSTİTÜSÜ

**ER-EL**

Marka Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALATI SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
Ticaret Sicil No: 291201/09468 Y  
Kıbrıs Bulvarı No: 10  
Kadıköy / Beşiktaş / İstanbul / Türkiye

Marka No: 201735883 - Ticaret

Marka Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALATI SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
Ticaret Sicil No: 291201/09468 Y  
Kıbrıs Bulvarı No: 10  
Kadıköy / Beşiktaş / İstanbul / Türkiye

**TURK PATENT**  
**MARKA TESCİL BELGESİ**  
No: 2021 160574 - Ticaret - Hizmet

ER-EL Fikstür

Marka Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALATI SANAYİ VE TİC.LTD.ŞTİ.  
M/1 / Hısmet Sunlarlar  
06.07.2021

Bu marka, 6799 sayılı Sınai Mülkiyet Kanunu kapsamında, 11.11.2021 tarihinde ibaraten 10 yıl süreyle korumak üzere, 22.06.2022 tarihinde tescil edilmiştir.

Prof. Dr. Hüseyin AKAN  
Türk Patent ve Marka Kurumu Başkanı

**TRB INTERNATIONAL**

**SERTİFİKA**

ER-EL MAKİNA YEDEK PARÇA İMALATI SAN. VE TİC. LTD. ŞTİ.

ÇERKEŞLİ OSB MAH. İMES 3 BULV. NO:14 DİLOVASI KOCALİ

**ISO 9001:2015**

KALIP BAĞLAMA EKİPMANLARI VE MAKİNA YEDEK PARÇALARI İMALATI VE SATIŞI FAALİYETLERİ

IAF DAKKS

**TRB INTERNATIONAL**

**SERTİFİKA**

ER-EL MAKİNA YEDEK PARÇA İMALATI SAN. VE TİC. LTD. ŞTİ.

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IAF DAKKS

**TRB INTERNATIONAL**

**SERTİFİKA**

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ÇERKEŞLİ OSB MAH. İMES 3 BULV. NO:14 DİLOVASI KOCALİ

**ISO 45001:2018**

KALIP BAĞLAMA EKİPMANLARI VE MAKİNA YEDEK PARÇALARI İMALATI VE SATIŞI FAALİYETLERİ

IAF DAKKS

**Certificate**

**EC UYUMLUK BEYANI**  
**EC CERTIFICATE OF CONFORMITY**

ER-EL MAKİNA YEDEK PARÇA İMAL. SAN. VE TİC. LTD. ŞTİ.  
KOCALİ / DİLOVASI / TÜRKİYE

ÇERKEŞLİ OSB MAH. İMES 3 BULVARI NO:14 - 41455 DİLOVASI / KOCALİ / TÜRKİYE

PRODUCT DESCRIPTION / ÜRÜN TANIMI: Millid Clamping and Transport Equipment / Kalıp Bağlama ve Yükleme Ekipmanları

APPLICABLE EC DIRECTIVES / UYUMLUK YÖNTEMLERİ: ER-EL

GENERAL PRODUCT SAFETY DIRECTIVES 2006/42/EC

**TURK PATENT**

**FAYDALI MODEL BELGESİ**  
No: TR 2019/09468 Y

Buluş Başlığı: KALIP YÜKLEME TABLASINDA GELİŞTİRME

Faydalı Model Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Bu belge, 6799 sayılı Sınai Mülkiyet Kanunu kapsamında 25/06/2019 tarihinde ibaraten 10 yıl süre ile korumak üzere 26/07/2021 tarihinde verilmiştir.

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**FAYDALI MODEL BELGESİ**  
No: TR 2017 02807 Y

Buluş Başlığı: MEKANİK MENBENE

Faydalı Model Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Bu belge, 6799 sayılı Sınai Mülkiyet Kanununun Geçici 1 nci maddesi uyarınca 13/06/2017 sayılı Patent Hakkında Kanunla belirlenen Kurum Hükümlerinde Kararname kapsamında 24/02/2017 tarihinde ibaraten 10 yıl süre ile korumak üzere 21/10/2019 tarihinde verilmiştir.

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**FAYDALI MODEL BELGESİ**  
No: TR 2017 06471 Y

Buluş Başlığı: YATAY İŞLEME TEZGAHARI İÇİN ÖZEL ÇERKEŞLİ ÇATAL KULE

Faydalı Model Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Bu belge, 6799 sayılı Sınai Mülkiyet Kanunu kapsamında 03/09/2017 tarihinde ibaraten 10 yıl süre ile korumak üzere 21/11/2019 tarihinde verilmiştir.

Prof. Dr. Hüseyin AKAN

**Certificate**

**EC UYUMLUK BEYANI**  
**EC CERTIFICATE OF CONFORMITY**

ER-EL MAKİNA YEDEK PARÇA İMAL. SAN. VE TİC. LTD. ŞTİ.  
KOCALİ / DİLOVASI / TÜRKİYE

ÇERKEŞLİ OSB MAH. İMES 3 BULVARI NO:14 41455 DİLOVASI / KOCALİ / TÜRKİYE

PRODUCT DESCRIPTION / ÜRÜN TANIMI: Workshop Fixture Holders Components and Vices / İşletme Hattı Tezgahları, Komponentler ve Mandalları

APPLICABLE EC DIRECTIVES / UYUMLUK YÖNTEMLERİ: ER-EL

GENERAL PRODUCT SAFETY DIRECTIVES 2006/42/EC

**TURK PATENT**

**TASARIM TESCİL BELGESİ SURETİ**  
No: 2014 02138

Tasarım Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**TASARIM YENİLEME BELGESİ**  
No: 2016 09098

Tasarım Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**TASARIM YENİLEME BELGESİ**  
No: 2016 06834

Tasarım Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**TASARIM TESCİL BELGESİ**  
No: 2021 012341

Tasarım Sahibi: ER-EL MAKİNA YEDEK PAR.İML.SAN.VE TİC.LTD.ŞTİ.

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**TASARIM TESCİL BELGESİ**  
No: 2021 012272

Tasarım Sahibi: ER-EL MAKİNA YEDEK PAR.İML.SAN.VE TİC.LTD.ŞTİ. ERDİL ELMAS

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**TASARIM TESCİL BELGESİ**  
No: 2021 012276

Tasarım Sahibi: ER-EL MAKİNA YEDEK PAR.İML.SAN.VE TİC.LTD.ŞTİ.

Prof. Dr. Hüseyin AKAN

**TURK PATENT**

**TASARIM TESCİL BELGESİ SURETİ**  
No: 2005 01884

Tasarım Sahibi: ER-EL MAKİNA YEDEK PARÇA İMALAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

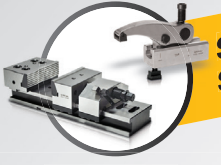
Prof. Dr. Hüseyin AKAN

**TURK PATENT**

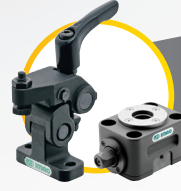
**TASARIM TESCİL BELGESİ**  
No: 2021 012456

Tasarım Sahibi: ER-EL MAKİNA YEDEK PAR.İML.SAN.VE TİC.LTD.ŞTİ.

Prof. Dr. Hüseyin AKAN



**Standart Ürünler**  
Standard Products



**Tek Dokunuş Bağlamalar**  
Single Touch Clamps



**5-Eksen Blok Bağlama Sistemi**  
5-Axis Clamping Block System



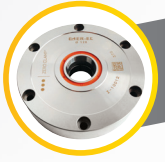
**Hidrolik Komponentler**  
Hydraulic Components



**Hızlı Kalıp Değişirme Sistemi**  
Quick Mold Change System



**Proje Bazlı Fikstür Uygulamaları**  
Project Based Fixture Applications



**ER-EL Zero Sistem**  
ER-EL Zero Point Clamping System



**MİKSAN**  
Standard Products

**Bağlama ekipmanlarında kalite üretiyoruz..**

*"We produce quality in clamping equipment"*

45'i aşkın ülkeye ihracat yapıyoruz...  
We export to more than 45 countries

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Tel: +90 262 502 11 60 Pbx Fax: +90 262 502 11 59  
info@er-el.com.tr www.er-el.com.tr



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