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1980 yılında kesme ve sıvama kalıp imalatı yaparak faaliyete başlayan ENSAN KALIP, 1986 yılında beyaz eşya sektörünün önde gelen firmalarına kalıp ve parça imalatı yapmaya başlamıştır. 1992 yılında firmamızın portföyüne otomotiv parçaları da eklenmiştir. Firmamız 1994 yılında kurumsallaşmış, 1999 yılında kalite sistemine uyum sağlamak amacıyla ISO 9002 Belgesini almış ve daha sonra da Sistem ISO 9001:2008 Kalite Belgesiyle yenilemiştir. ENSAN KALIP VE MAKİNA SAN. LTD.ŞTİ başta Almanya olmak üzere Avrupa'nın ve dünyanın önde gelen otomotiv firmalarına parça üretimi yapmakta ve ihraç etmektedir.

2002 yılında Dudullu Ümraniye'deki fabrikasına taşınan Firmamız, 2006 yılında Çift Açılım Sistemlerini üretmeye başlamıştır. Hem firmamız ENSAN KALIP VE MAKİNA SAN. LTD.ŞTİ'ni hem de Kapı ve Pencere Sistemlerini çağırışması nedeniyle "ENDOW" ismini benimseyerek markasını oluşturmuştur. Kalitenin ne demek olduğunu bilen ve kaliteden ödün vermeyen firmamız, hem ekipman ve makine parkurumuzun hem de kendi bünyemizde bulunan kalıp imalatı avantajıyla çok kısa bir sürede sektördeki yerini almıştır.

Sürekli yenilenen teknolojik gelişmeler ve Ar-Ge çalışmalarımız doğrultusunda ürün kalitemizi ve üretim kapasitemizi artırmak, siz değerli çözüm ortaklarımıza ve sektöre daha iyi bir hizmet sunabilmek amacıyla 2015 yılının başında S.S. İstanbul Mermerciler Sanayi Sitesi Köşeler Köyü – Dilovası / Kocaeli adresindeki Fabrikamıza taşındık. Firmamız üretimini yaptığı Kapı ve Pencere Sistemlerine piyasadan gelen olumlu taleplere daha hızlı ve daha kaliteli ürünlerle cevap verebilmek için gerekli olan otomasyon ve makine teçhizat yatırımlarına halen devam etmektedir.

Amacımız siz müşterilerimize en iyi hizmeti sunmaktır.

Saygılarımızla.

Set up as an incorporation that manufactures section and pasting moulds in 1980, ENSAN KALIP began to produce moulds and parts for leading companies engaged in the white goods industry in 1986. The company included automotive parts in its portfolio in 1992. The company became institutionalised in 1994, and obtained an ISO 9002 Certificate for compliance with the quality system in 1999, followed by the replacement of ISO 9001:2008 Quality certificate. ENSAN KALIP VE MAKİNA SAN. LTD. ŞTİ manufactures and exports parts to leading automotive companies mainly in Germany and in the rest of Europe and the world.

Having moved to its factory in Dudullu /Ümraniye in 2002, the company began to manufacture Tilt and Turn Systems in 2006. Having adopted the brand name "ENDOW", which strikes a chord with ENSAN KALIP VE MAKİNA SAN. LTD. ŞTİ and door and window systems simultaneously, the company created its own brand. Aware with the superior quality standards and making no concessions, the company was positioned in the industry in a short time for a number of advantages of its equipment and machine park as well as mould manufacturing.

We moved to our company seated at S.S. İstanbul Mermerciler San. Sit. Köşeler Köyü – Dilovası / Kocaeli in order to boost our product quality and capacity in the light of constantly evolving technological advancements and R&D works and to render better services to our solution partners and to the industry as a whole. The company still carries on with automation and equipment investments in order to come up with higher quality products and to give better and faster response to incoming demands of the market for the door and window systems manufactured by us.

What we aim is the best service for our customers.

Best Regards.

Компания «Энсан Калып» начала свою деятельность в 1980 году с производства пресс-форм и штампов, а в 1986 году приступила к выпуску деталей и пресс-форм для фирм – лидеров промышленности по производству бытовой техники. В 1992 году компания начала выпуск деталей для автомобилей. В 1994 году была создана корпоративная структура, а в 1999 году, для обеспечения соответствия системе качества, получен сертификат ISO 9002, который был впоследствии обновлен на сертификат качества ISO 9001:2008. Компания ENSAN KALIP VE MAKİNA SAN. LTD.ŞTİ. производит и экспортирует детали ведущим автомобилестроительным компаниям Европы и мира, в том числе Германии.

В 2002 году компания ввела в эксплуатацию завод в районе Дудуллу Умрание, где в 2006 году приступила к выпуску поворотно-откидных механизмов. Объединив название нашей компании ENSAN KALIP VE MAKİNA SAN. LTD.ŞTİ с оконными и дверными системами, мы составили название ENDOW, которое и стало нашей торговой маркой.

Наша компания, прекрасно осознающая, что такое качество, и ни на шаг не отступающая от соблюдения принципов качества, благодаря наличию необходимого оборудования и станков, а также возможности самостоятельно изготавливать необходимые пресс-формы, за короткий срок заняла лидирующее место в отрасли.

Для того, чтобы улучшать качество и мощности, в соответствии с непрерывно развивающимися технологиями и работами по НИОКР, с целью предоставления более лучших услуг Вам – наши уважаемые партнеры, в начале 2015 года мы ввели в эксплуатацию новый завод по адресу: СС Стамбульская промышленная зона Мермерджилер, село Коселер, Дильовасы, Коджаэли. Нами продолжается осуществление инвестиций в необходимые системы автоматизации, станки и оборудование с тем, чтобы быстрее поставлять качественную продукцию для оконных и дверных систем, удовлетворяя рыночный спрос.

Наша цель – оказывать нашим клиентам услуги, максимально высокого качества.

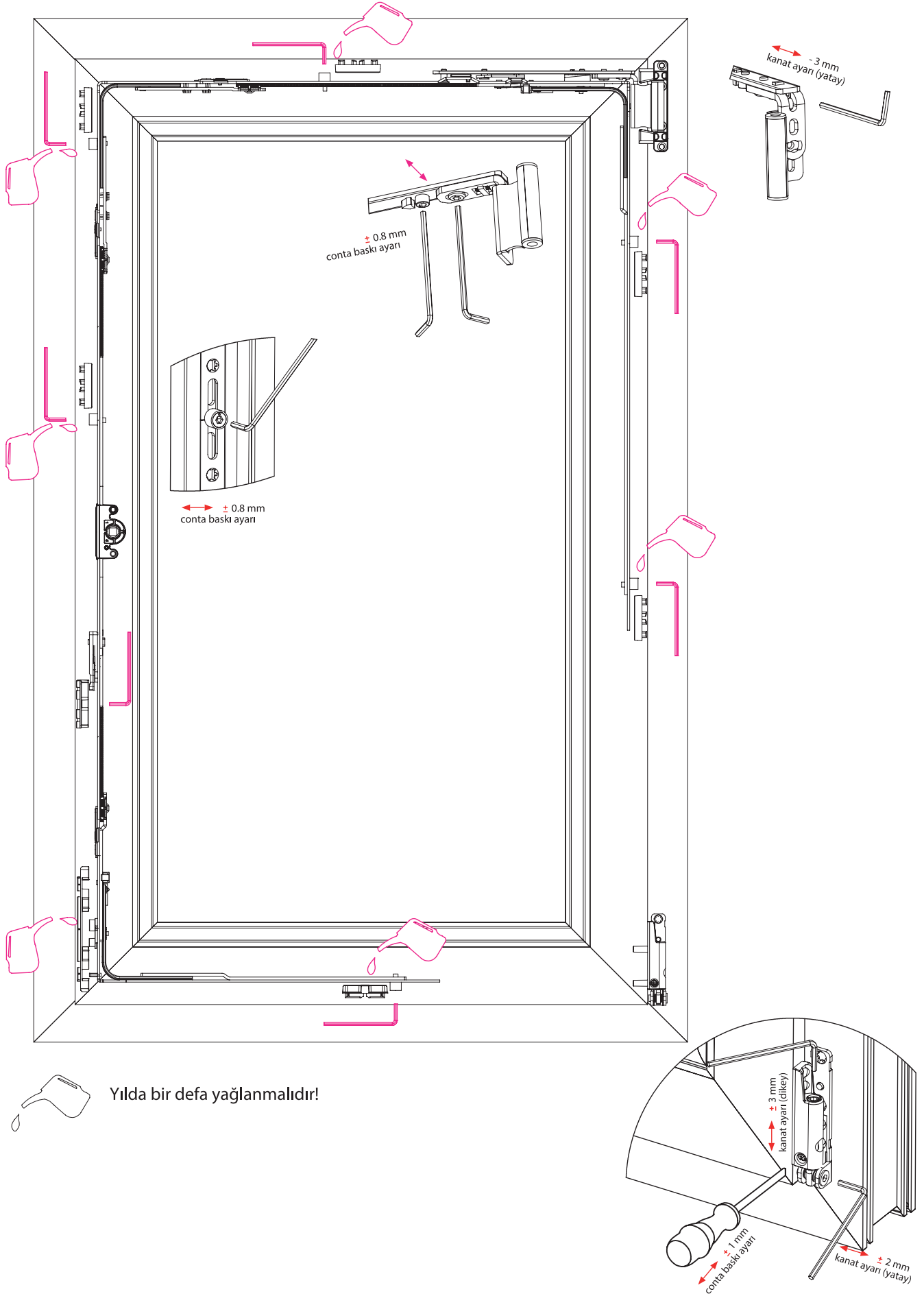
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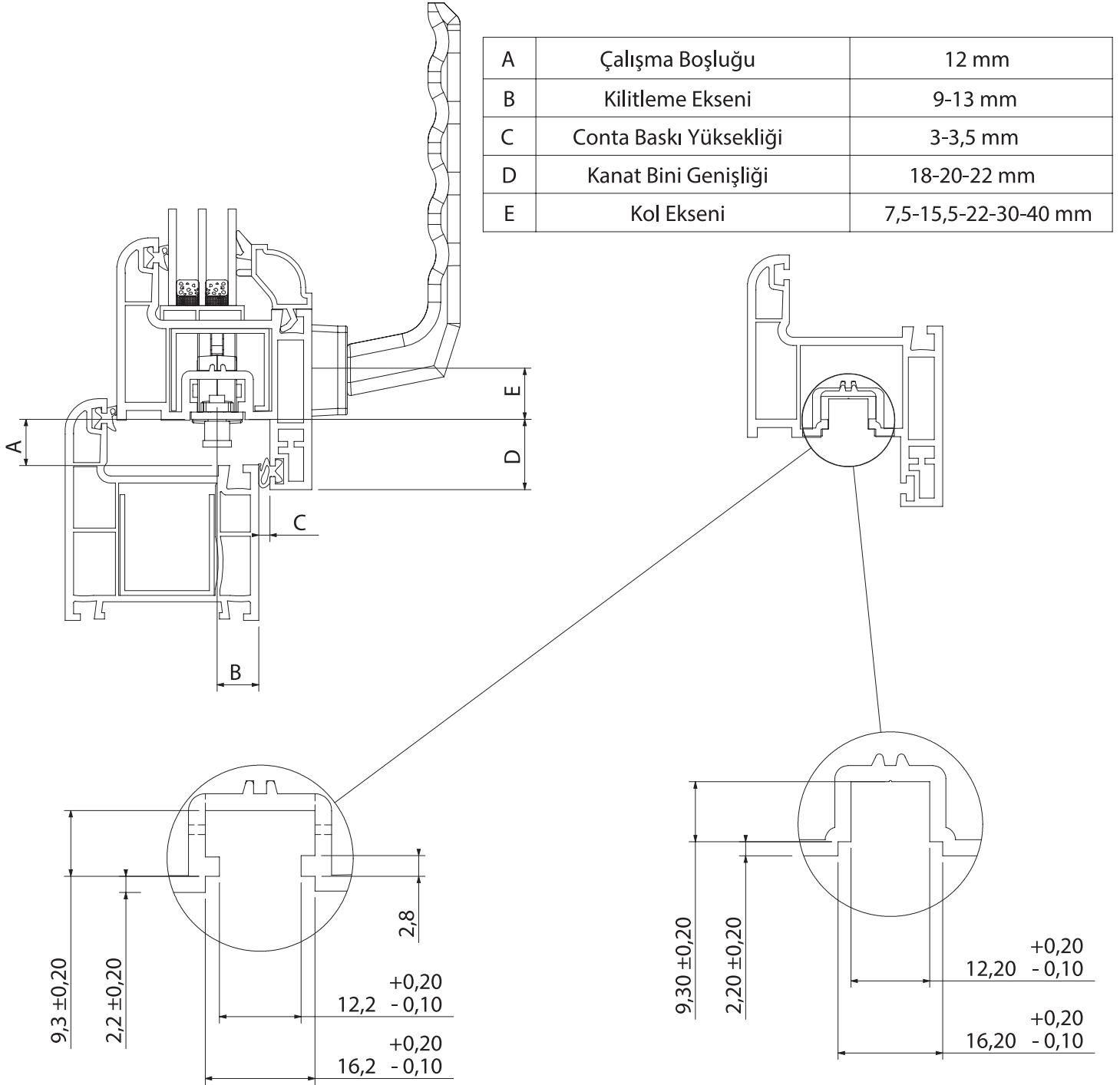


KAPI VE PENCERE SİSTEMLERİ

01

BAKIM VE ONARIM TABLOSU





UYARI!

- Kasa kanat arasındaki çalışma boşluğu (A) 12 mm'den az olmamalıdır. Boşluğun az olması durumunda aksesuar sisteminin çalışmasında, çok olması durumunda ise sistemin kilitlenmesinde sorunlar yaşanabilir.
- Sistemde seçilen aksesuarların kilitleme eksenine (B) uygun olması gerekmektedir.
- Conta baskı yüksekliğinin (C) 3-3,5 mm arasında olması gerekmektedir. Aksi halde sistemin çalışmasında sorunlar yaşanabilir.



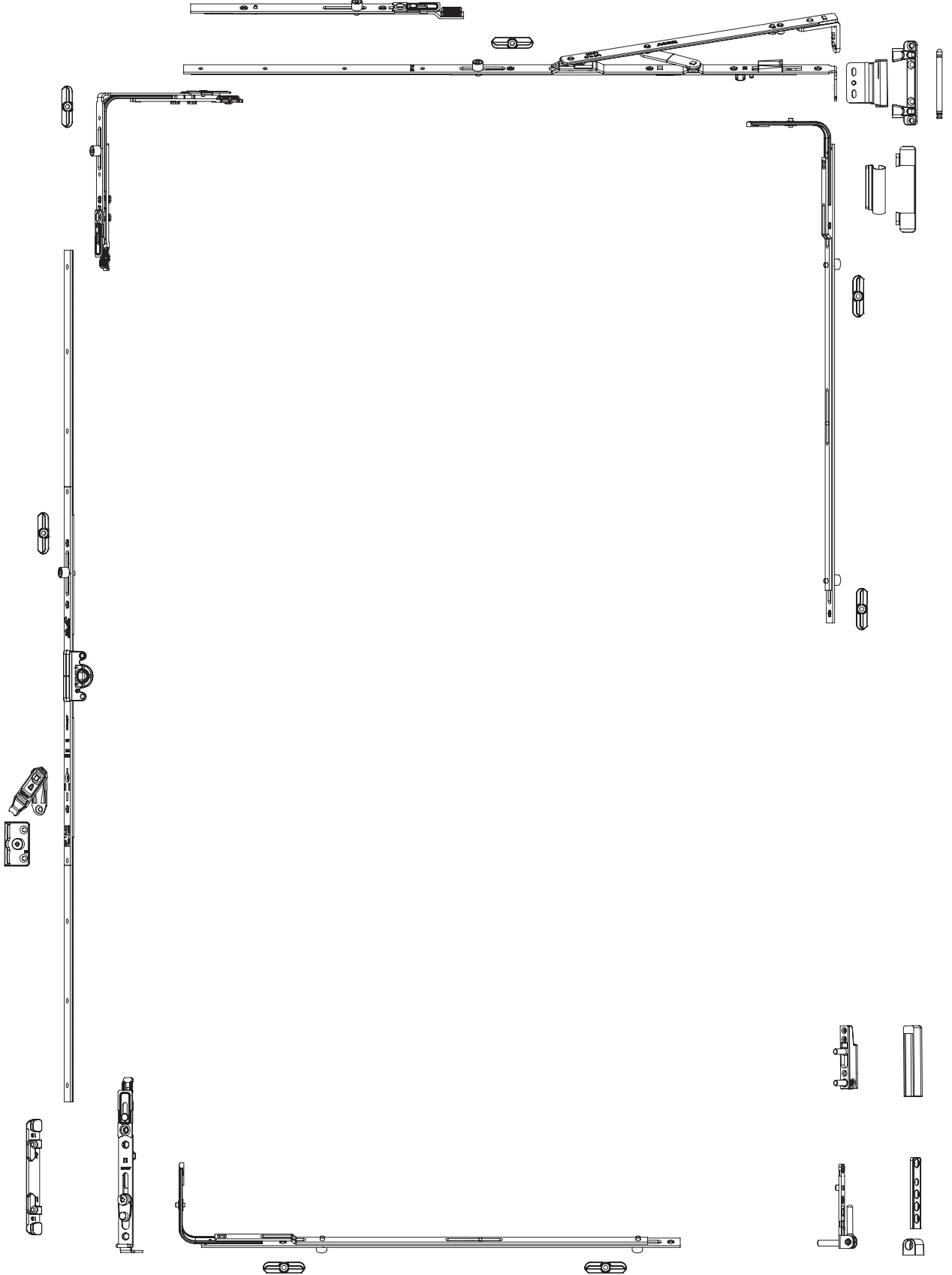
KAPI VE PENCERE SİSTEMLERİ

02

SİSTEM
TABLOLARI

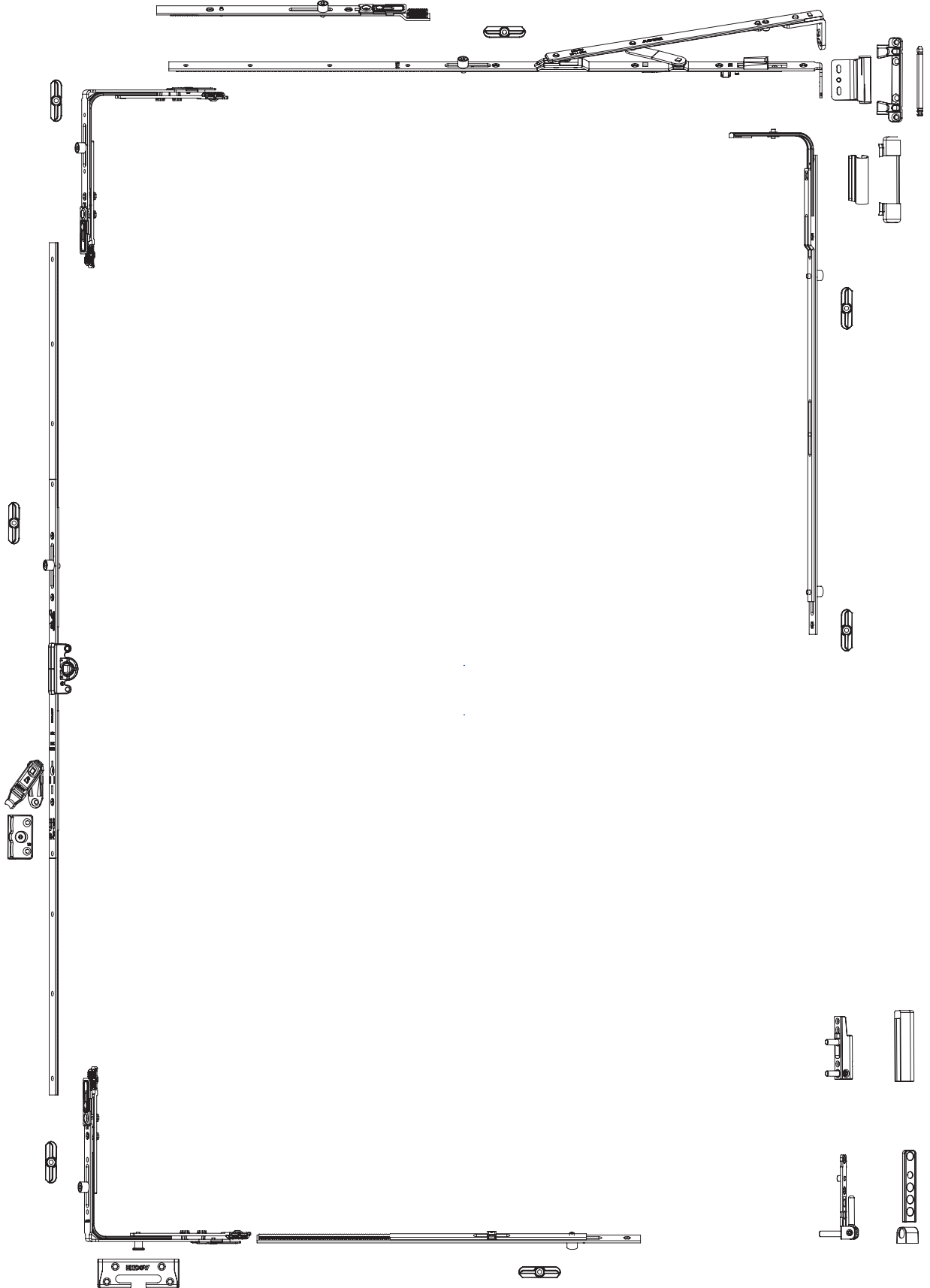
ÇİFT AÇILIM SİSTEM TABLOSU

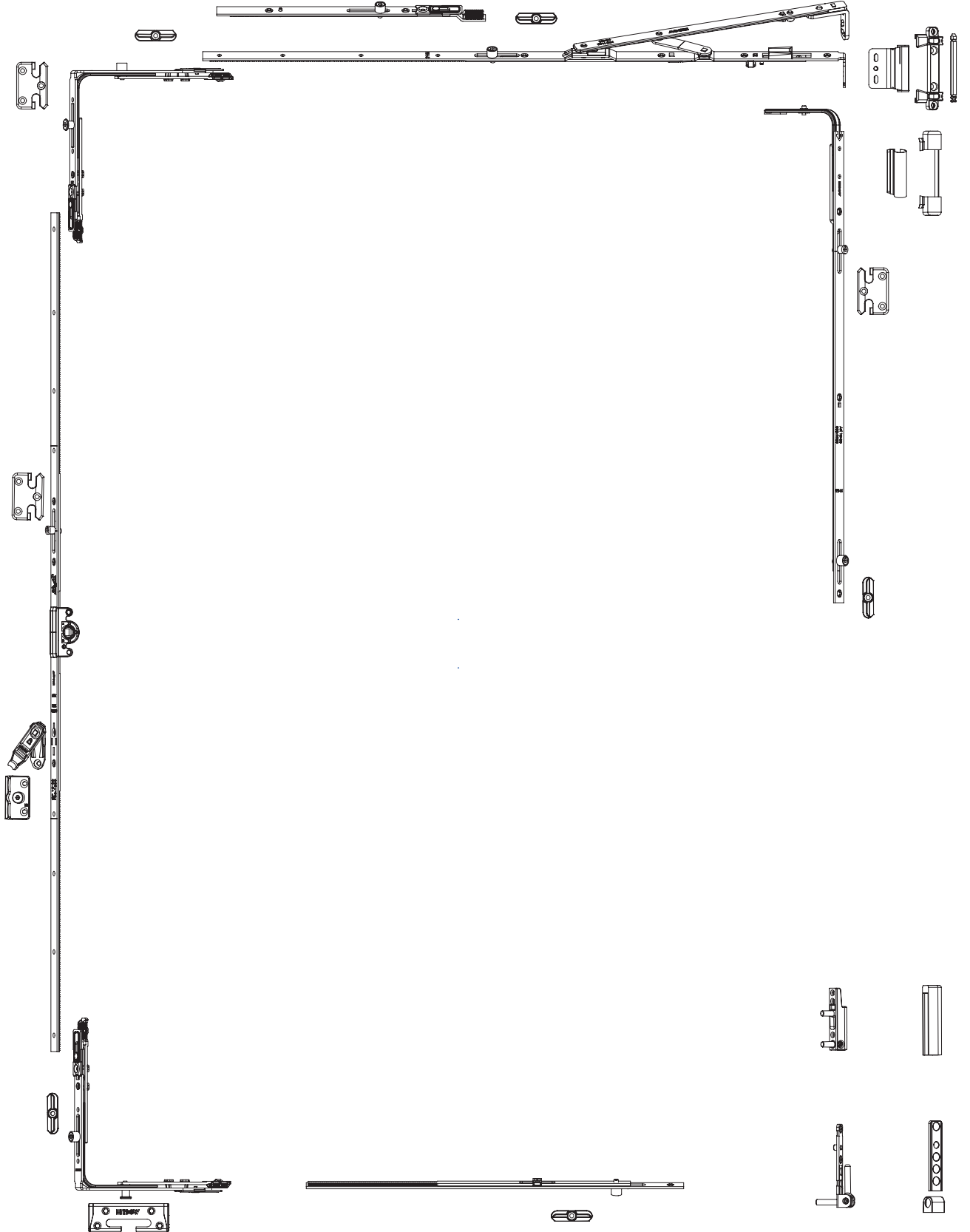
YANDAN DEVİRMELİ

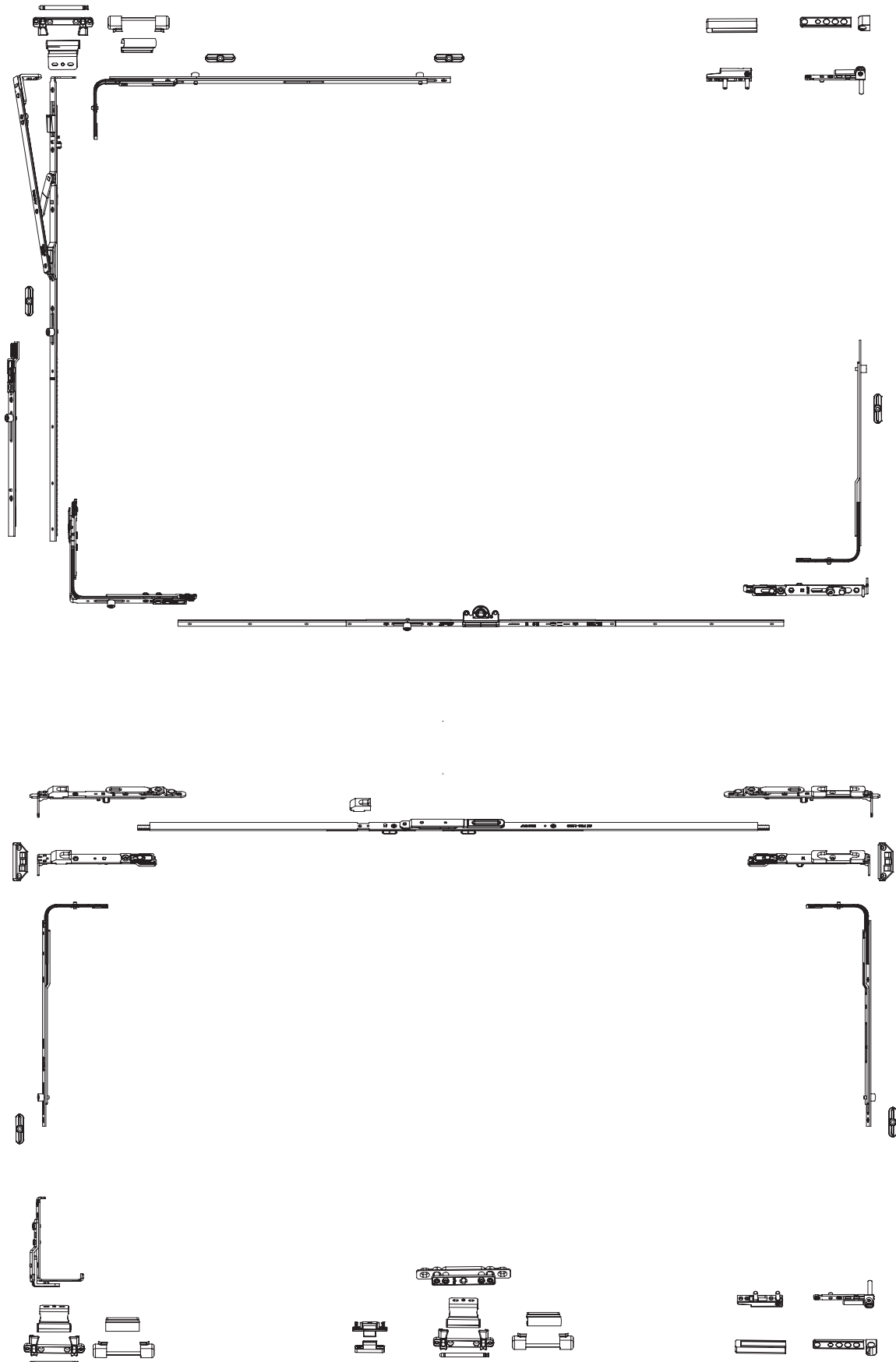


ÇİFT AÇILIM SİSTEM TABLOSU

ALTAN DEVİRMELİ

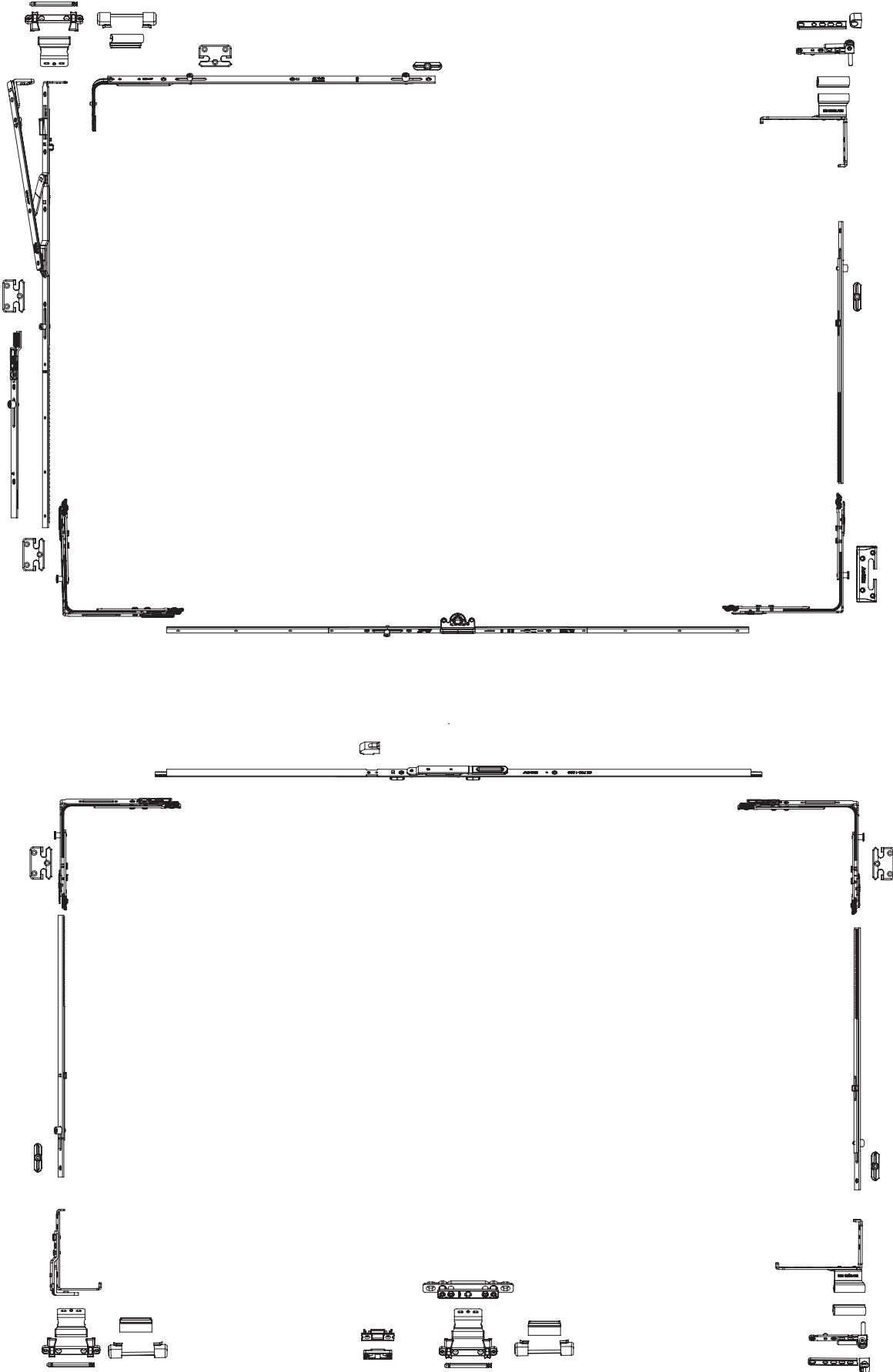






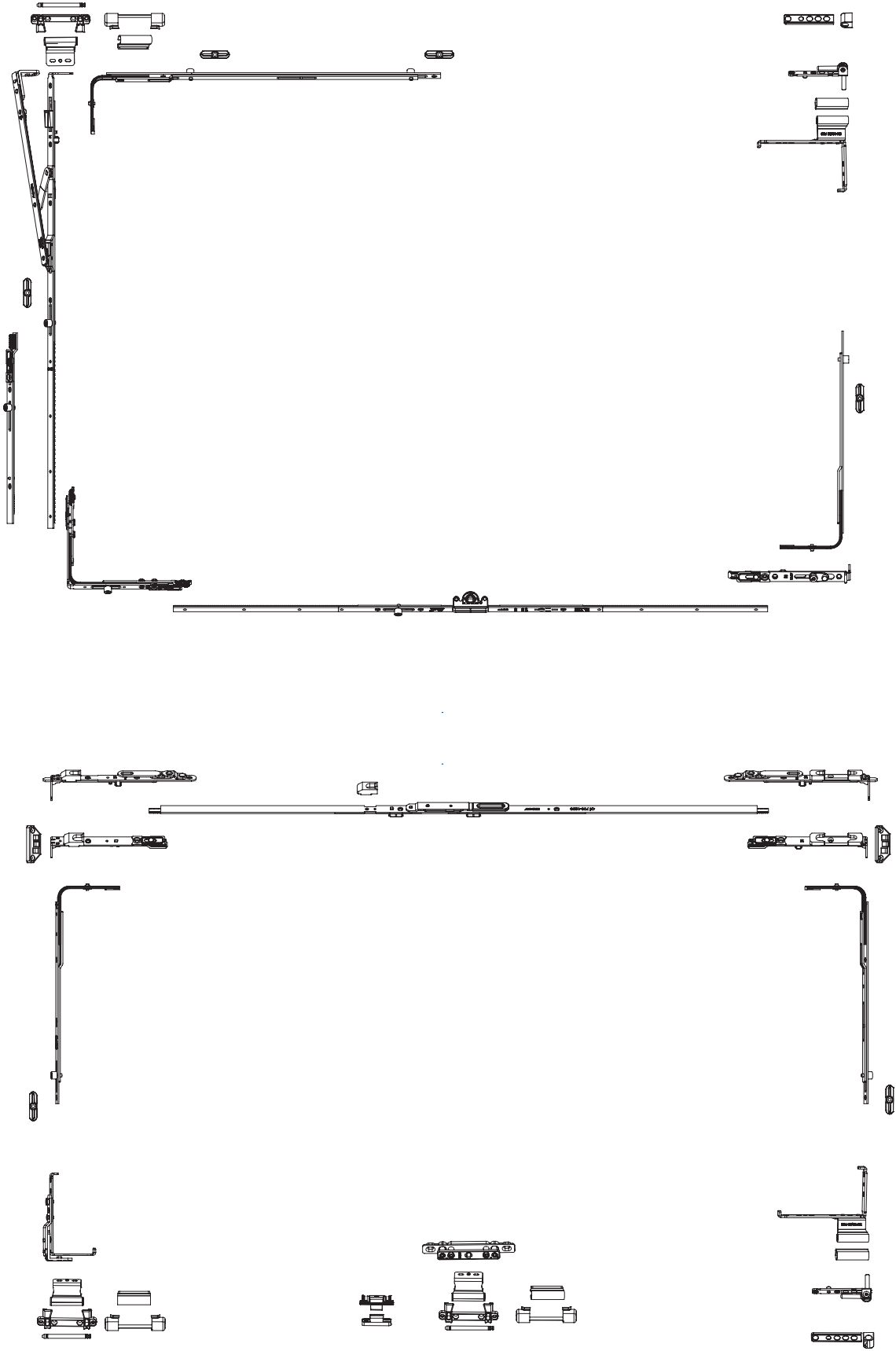
ÇİFT KANAT ÇİFT AÇILIM SİSTEM TABLOSU

GÜVENLİKLİ



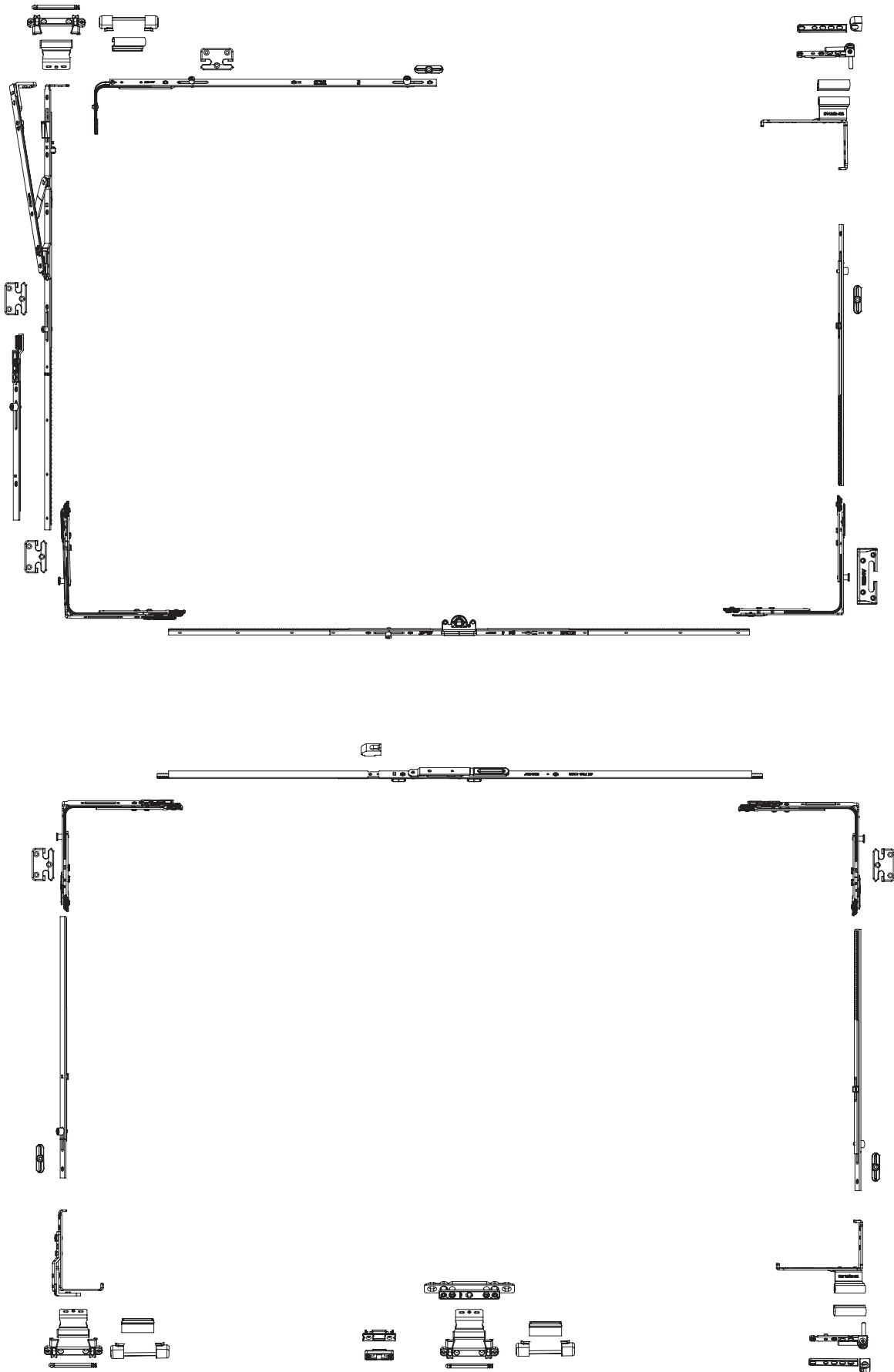
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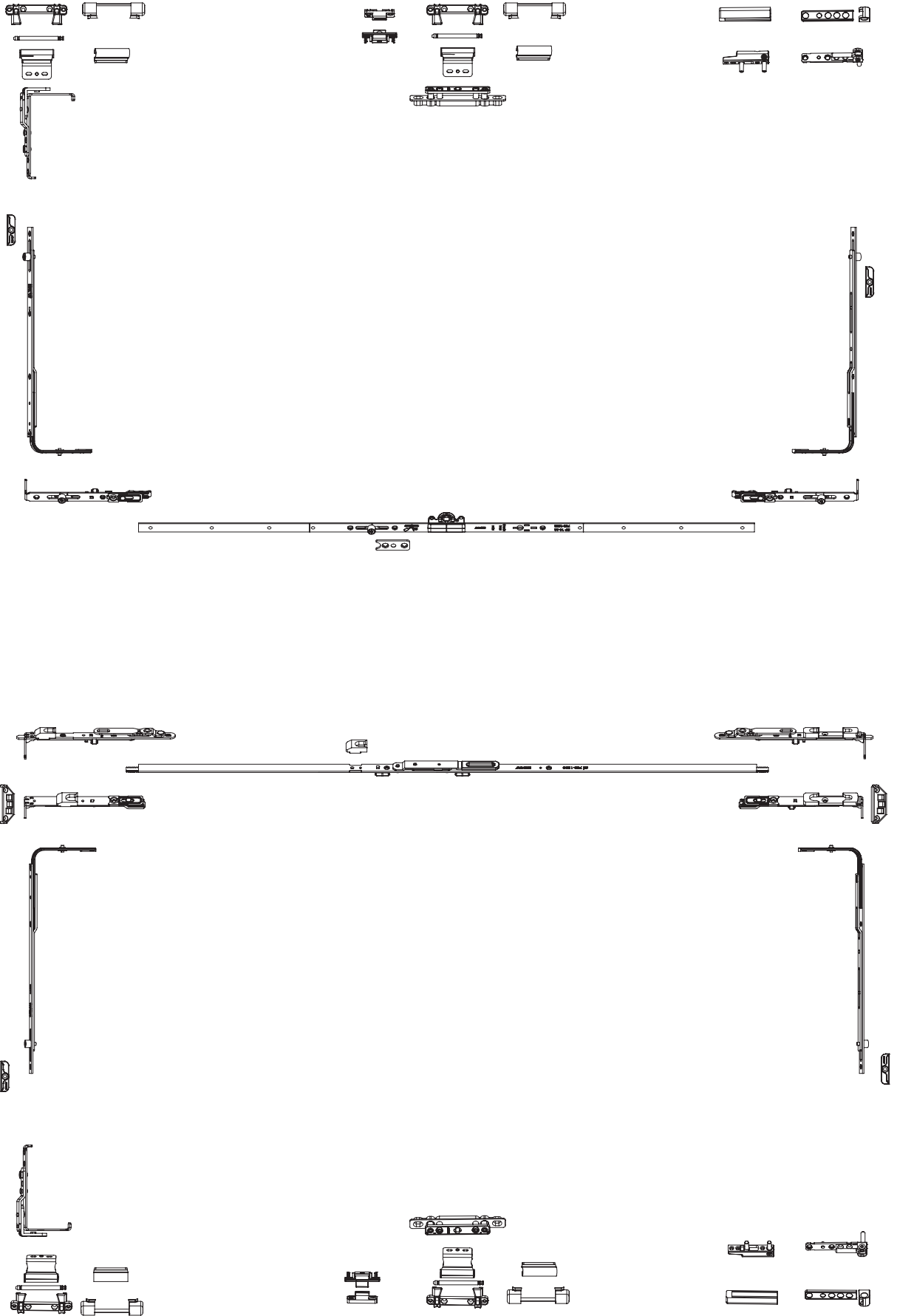
KÖŞE KANAT VERSİYONLU

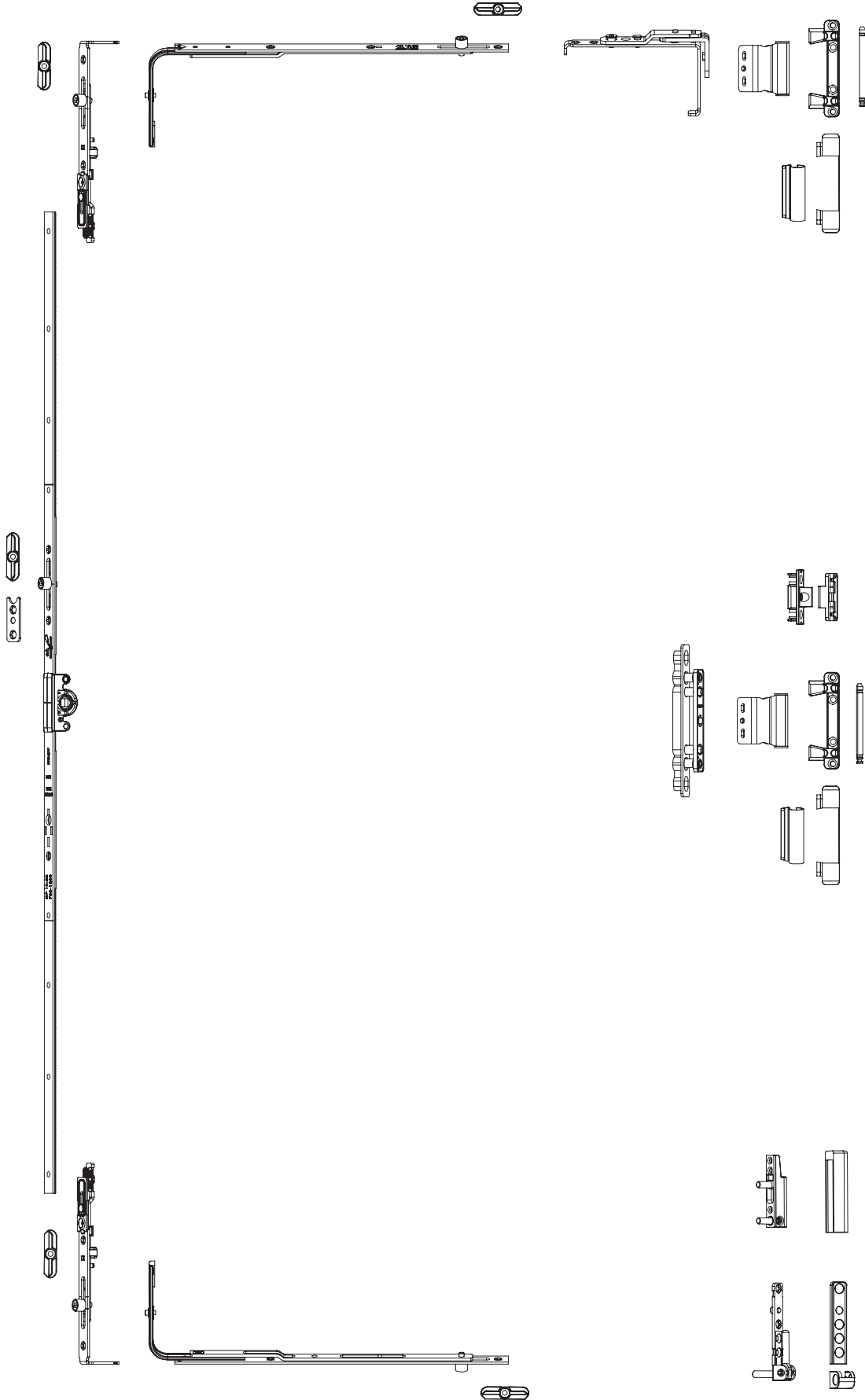


ÇİFT KANAT ÇİFT AÇILIM SİSTEM TABLOSU (GÜVENLİKLİ)
KÖŞE KANAT ALT MENTEŞE VARYASYONLU

KÖŞE KANAT ALT MENTEŞE VARYASYONLU

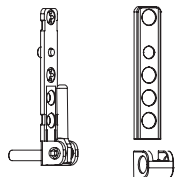
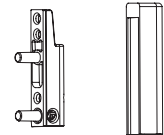
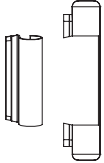
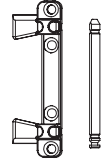
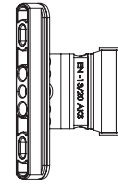
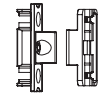
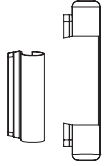
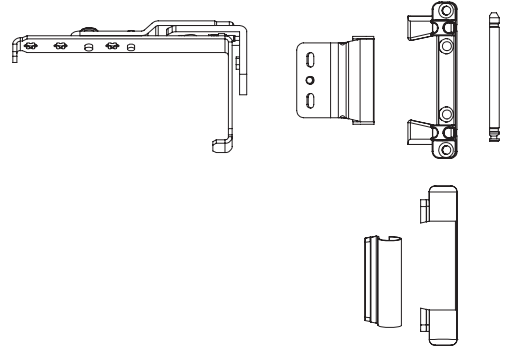
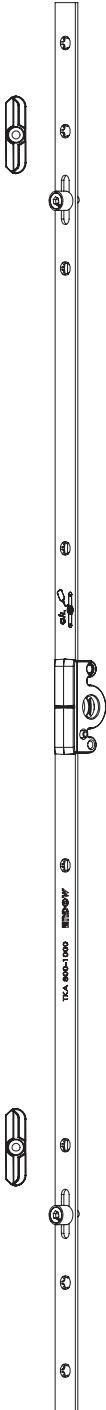


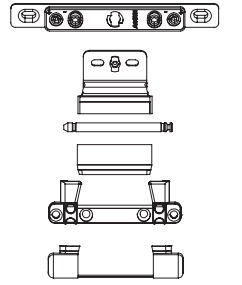
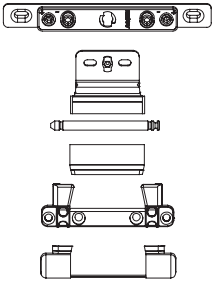
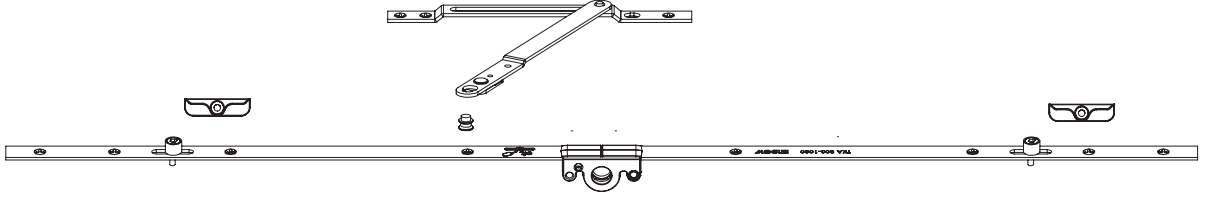




TEK AÇILIM SİSTEM TABLOSU

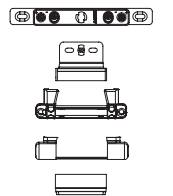
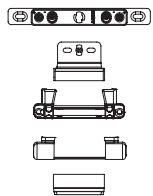
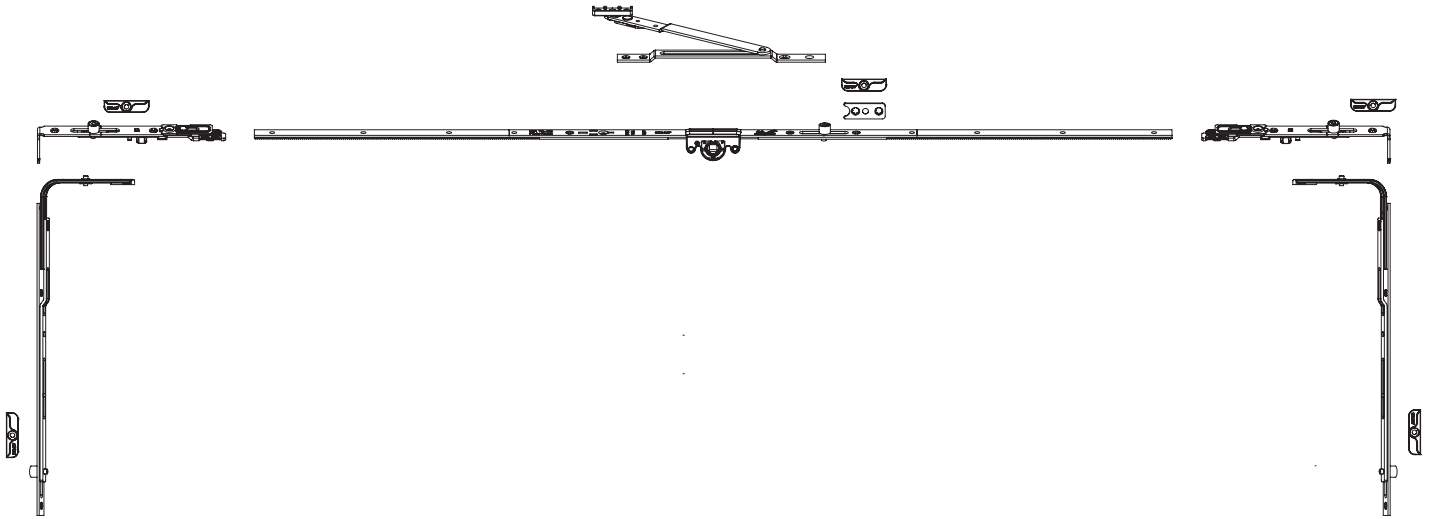
2D MENT VARYASYONLU





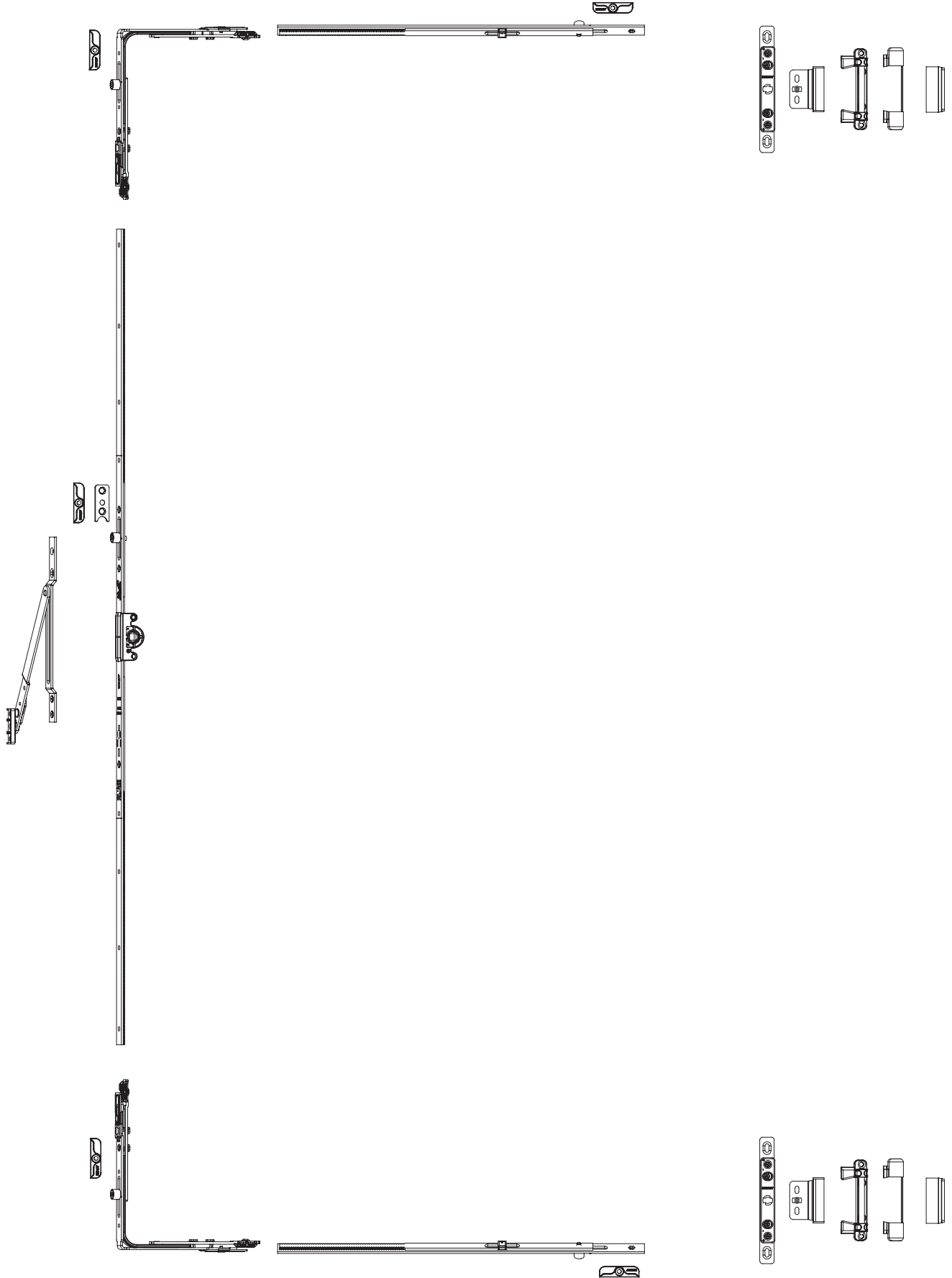
VASİSTAS SİSTEM TABLOSU

ALT-ÜST ELEMANI VARYASYONLU



VASİTAS SİSTEM TABLOSU

KÖŞE VARYASYONLU





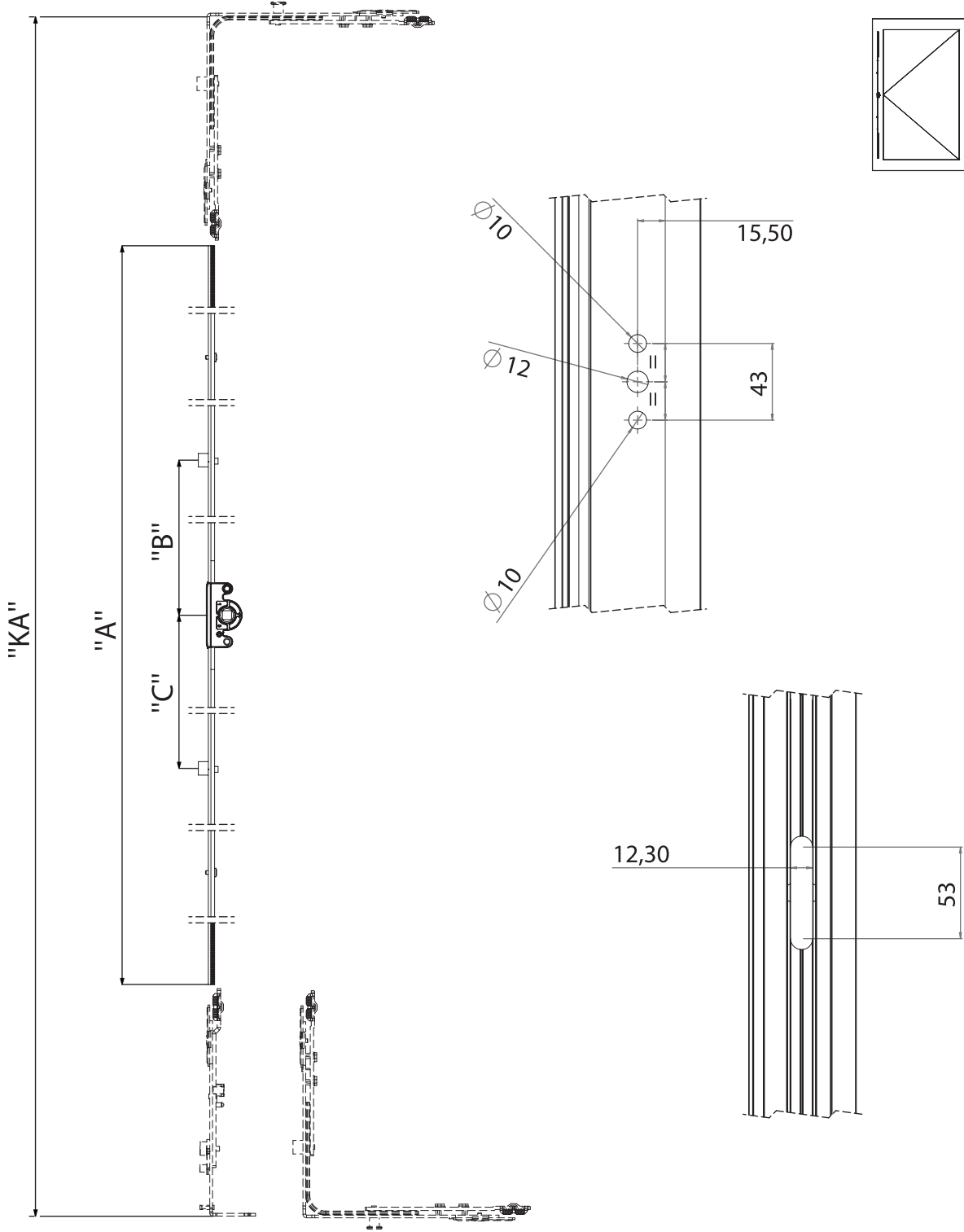
KAPI VE PENCERE SİSTEMLERİ

03

ÇİFT AÇILIM
İSPANYOLETLERİ

ÇİFT AÇILIM İSPANYOLET

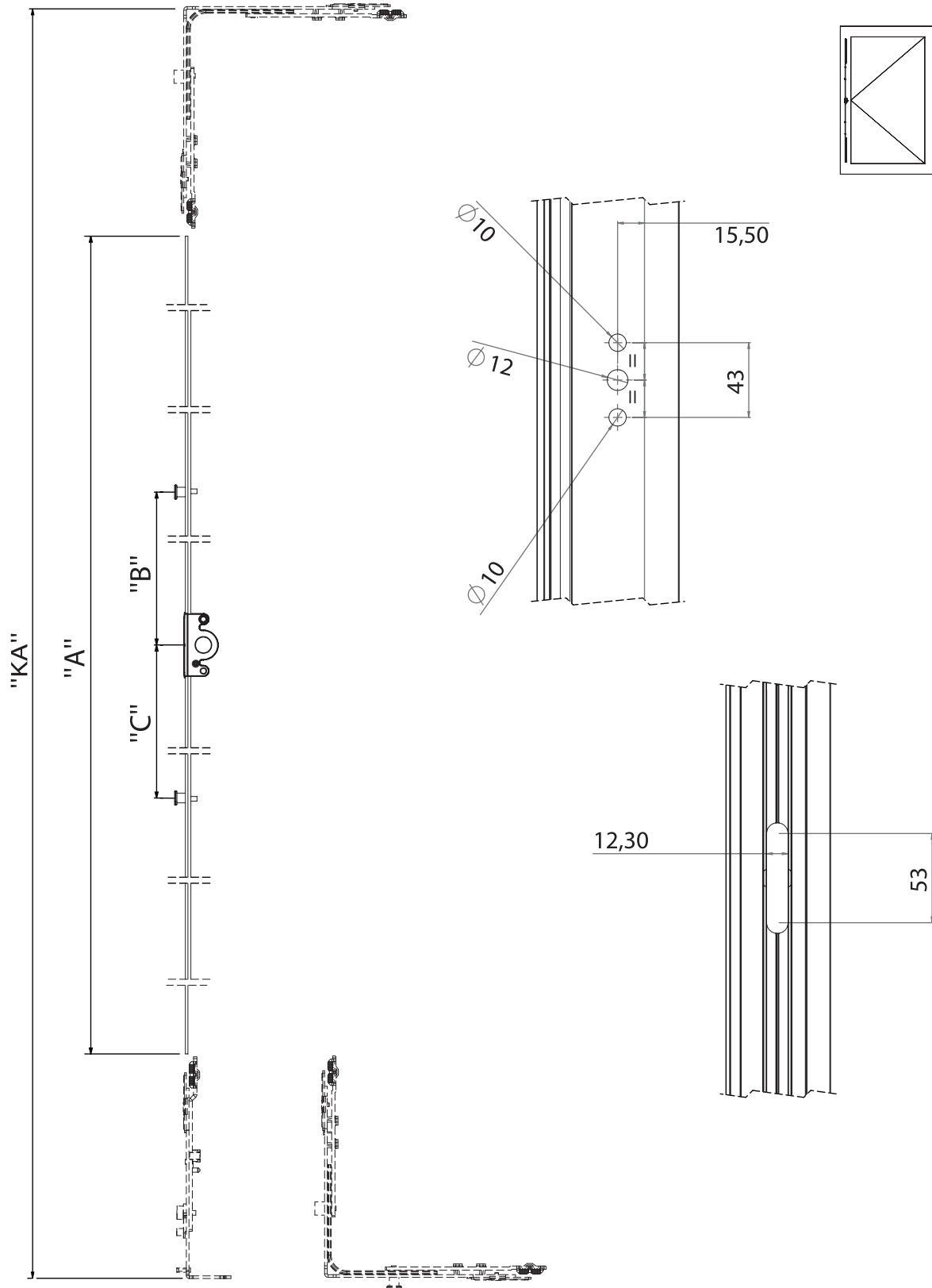
15,5 mm KOL YERİ ORTADA



 ÜRÜN KODU		'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
ISP 10-00		450-700	400	-	-	-	-	10
ISP 10-01		460-720	420	-	-	-	2	10
ISP 10-02		700-1200	900	111	-	1	3	10
ISP 10-03		900-1400	1100	111	-	1	4	10
ISP 10-04		1200-1700	1400	250	250	2	6	10
ISP 10-05		1700-2200	1900	350	350	2	6	10

ÇİFT AÇILIM İSPANYOLET (EMNİYETLİ)

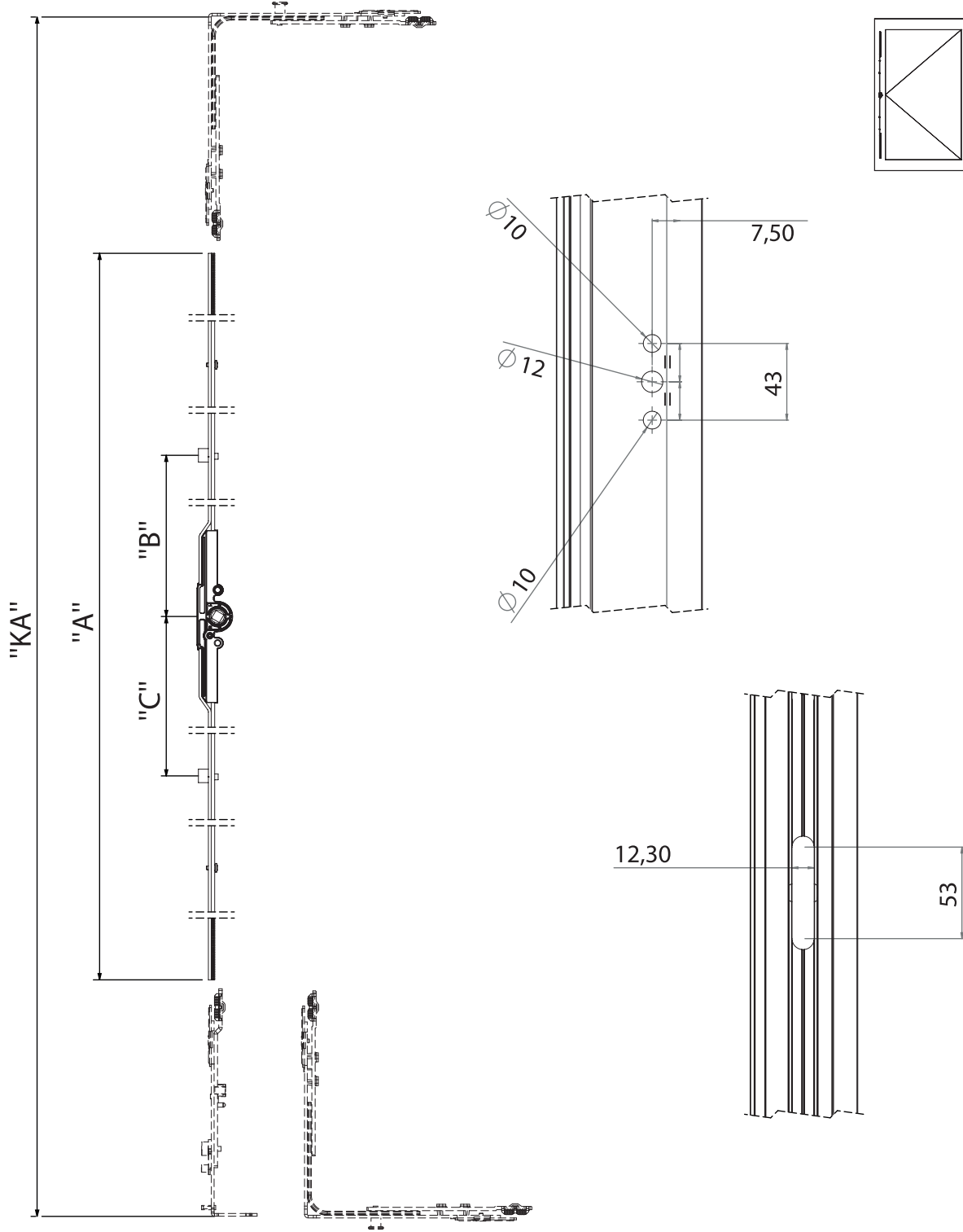
15,5 mm KOL YERİ ORTADA



ÜRÜN KODU	'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
ISP 10-02 SC	700-1200	900	111	-	1	3	10
ISP 10-03 SC	900-1400	1100	111	-	1	4	10
ISP 10-04 SC	1200-1700	1400	250	250	2	6	10
ISP 10-05 SC	1700-2200	1900	350	350	2	6	10

ÇİFT AÇILIM İSPANYOLET

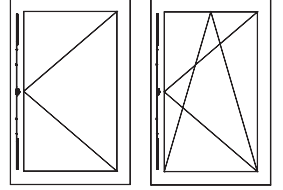
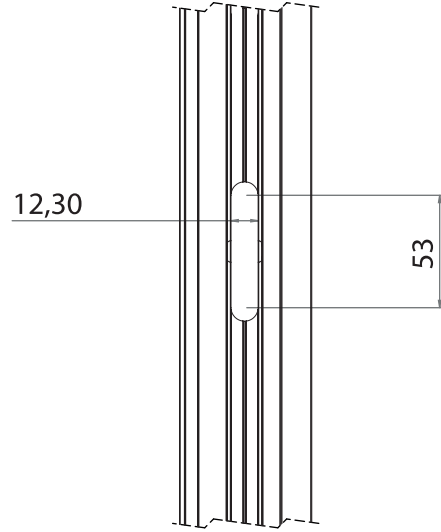
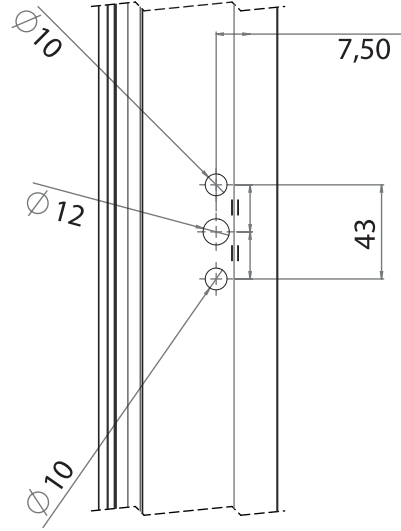
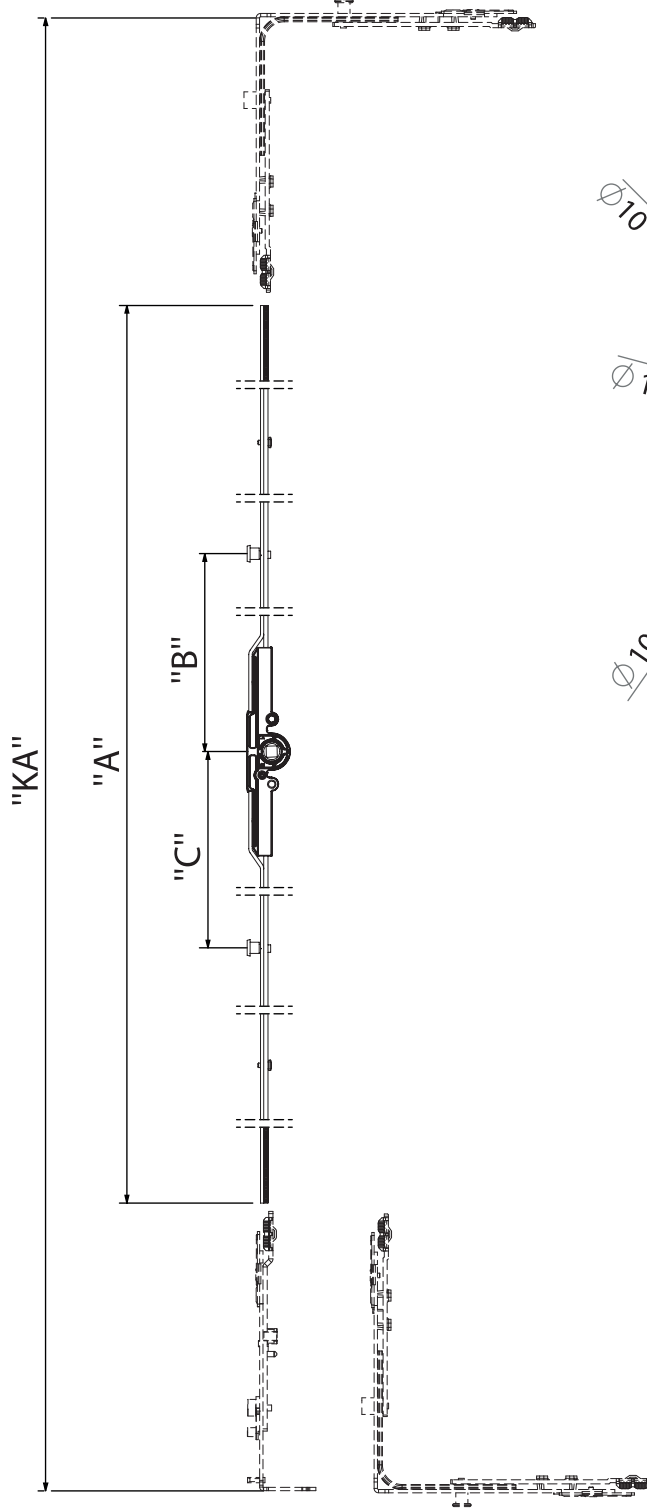
7,5 mm KOL YERİ ORTADA



 ÜRÜN KODU		'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
ISP 75-00		450-700	500	-	-	-	2	10
ISP 75-01		460-720	520	-	-	-	2	10
ISP 75-02		700-1200	900	111	-	1	3	10
ISP 75-03		900-1400	1100	111	-	1	4	10
ISP 75-04		1200-1700	1400	250	250	2	6	10
ISP 75-05		1700-2200	1900	350	350	2	6	10

ÇİFT AÇILIM İSPANYOLET (EMNİYETLİ)

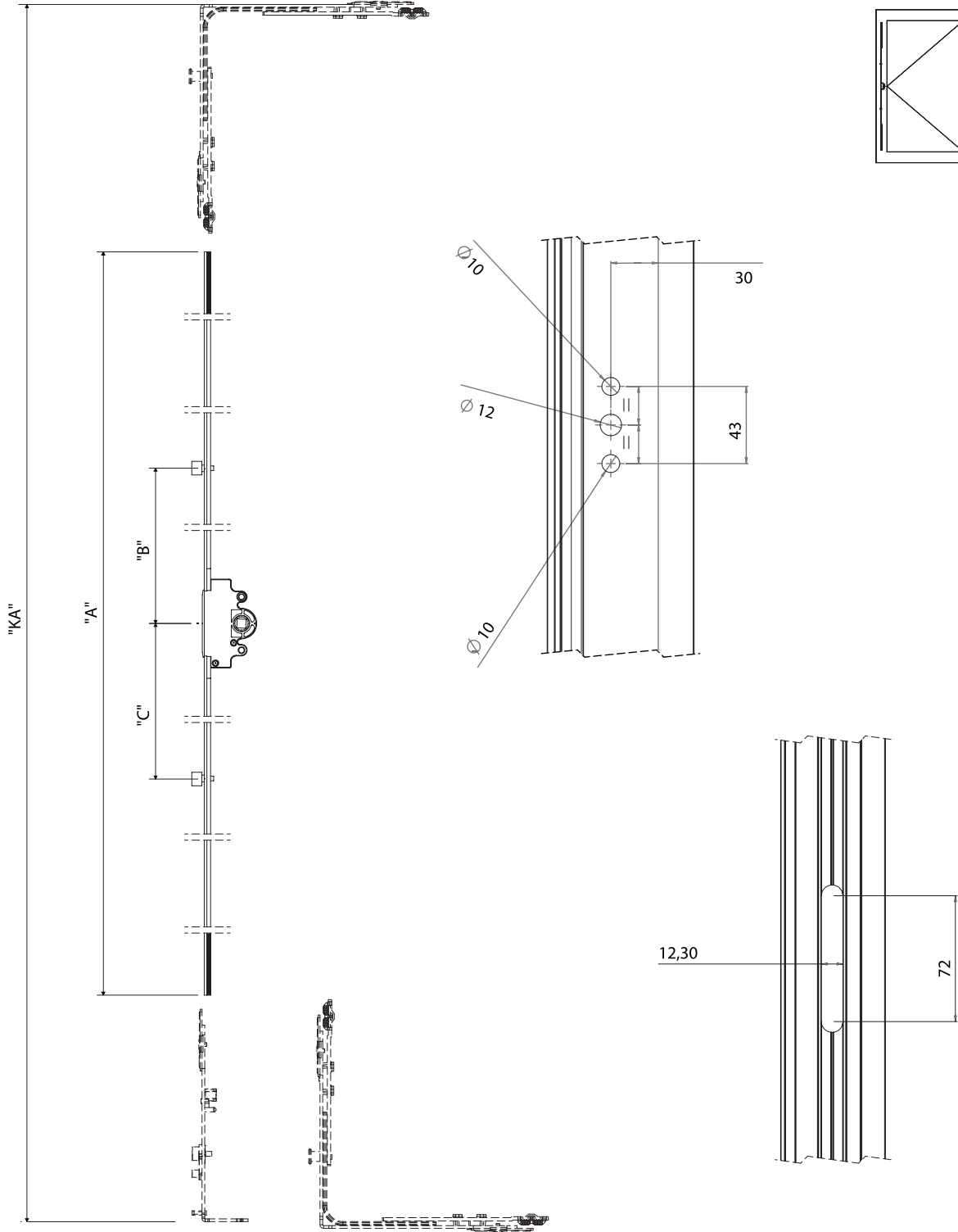
7,5 mm KOL YERİ ORTADA



ÜRÜN KODU	'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
ISP 75-02 SC	700-1200	900	111	-	1	3	10
ISP 75-03 SC	900-1400	1100	111	-	1	4	10
ISP 75-04 SC	1200-1700	1400	250	250	2	6	10
ISP 75-05 SC	1700-2200	1900	350	350	2	6	10

ÇİFT AÇILIM İSPANYOLET

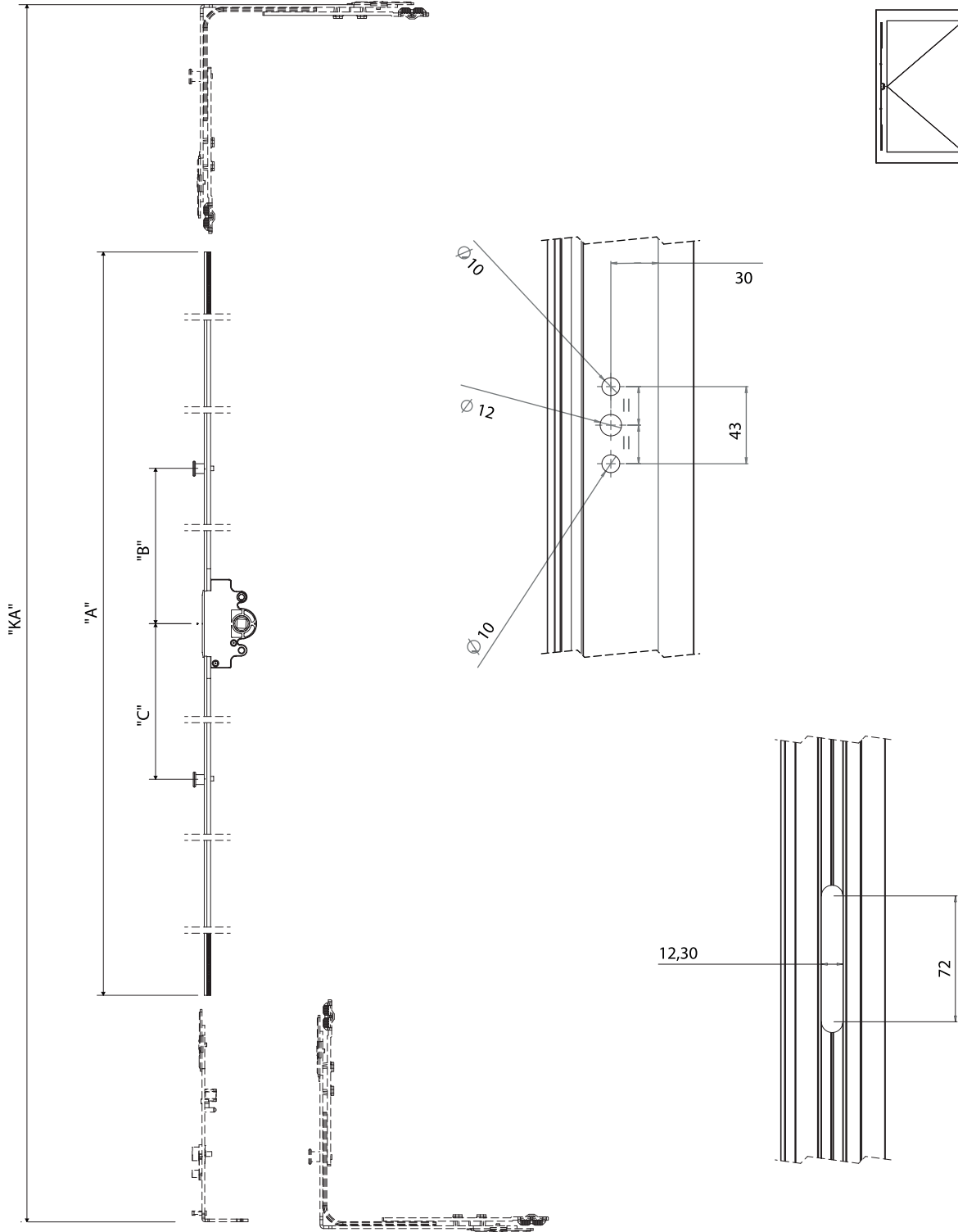
30 mm



ÜRÜN KODU	'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
ISP 30-00	450-700	400	-	-	-	-	8
ISP 30-01	460-720	420	-	-	-	2	8
ISP 30-02	700-1200	900	111	-	1	3	8
ISP 30-03	900-1400	1100	111	-	1	4	8
ISP 30-04	1200-1700	1400	250	250	2	6	8
ISP 30-05	1700-2200	1900	350	350	2	6	8

ÇİFT AÇILIM İSPANYOLET (EMNİYETLİ)

30 mm



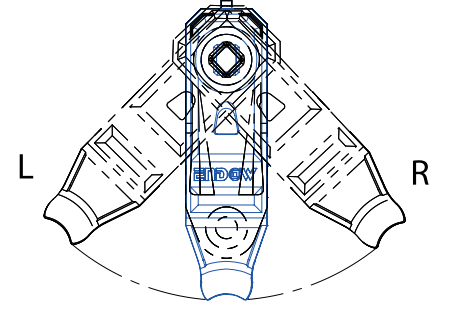
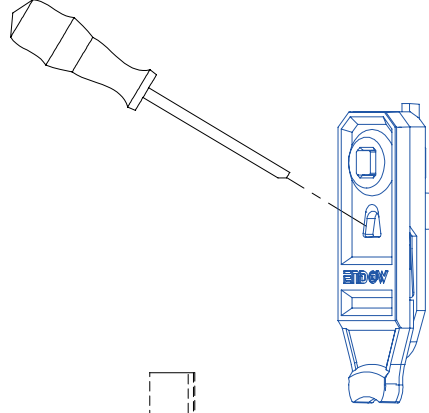
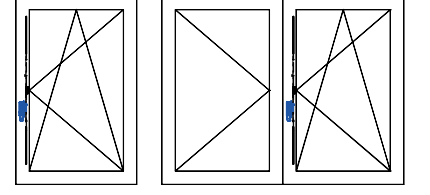
ÜRÜN KODU	'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
ISP 30-00 SC	450-700	400	-	-	-	-	8
ISP 30-01 SC	460-720	420	-	-	-	2	8
ISP 30-02 SC	700-1200	900	111	-	1	3	8
ISP 30-03 SC	900-1400	1100	111	-	1	4	8
ISP 30-04 SC	1200-1700	1400	250	250	2	6	8
ISP 30-05 SC	1700-2200	1900	350	350	2	6	8



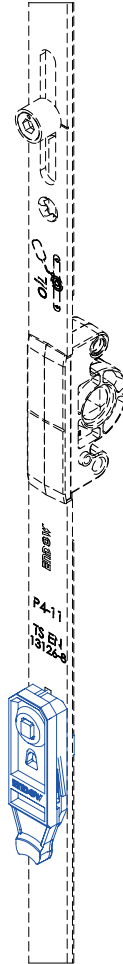
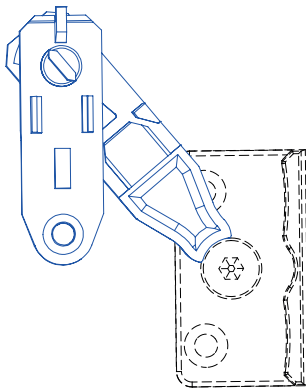
KAPI VE PENCERE SİSTEMLERİ

04

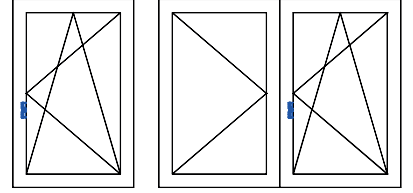
KANAT KALDIRMA HATALI KULLANIM EMNİYETİ VE KARŞILIĞI



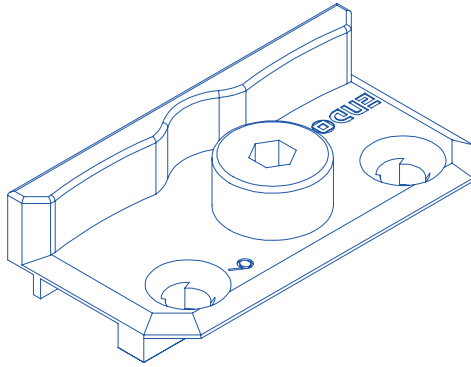
HKE 38-01



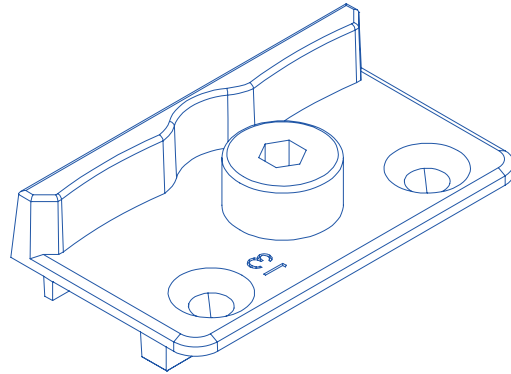
 ÜRÜN KODU	ÜRÜN			
HKE 38-01	HATALI KULLANIM EMNİYETİ	1	1	100



HKK 38-01



HKK 38-02



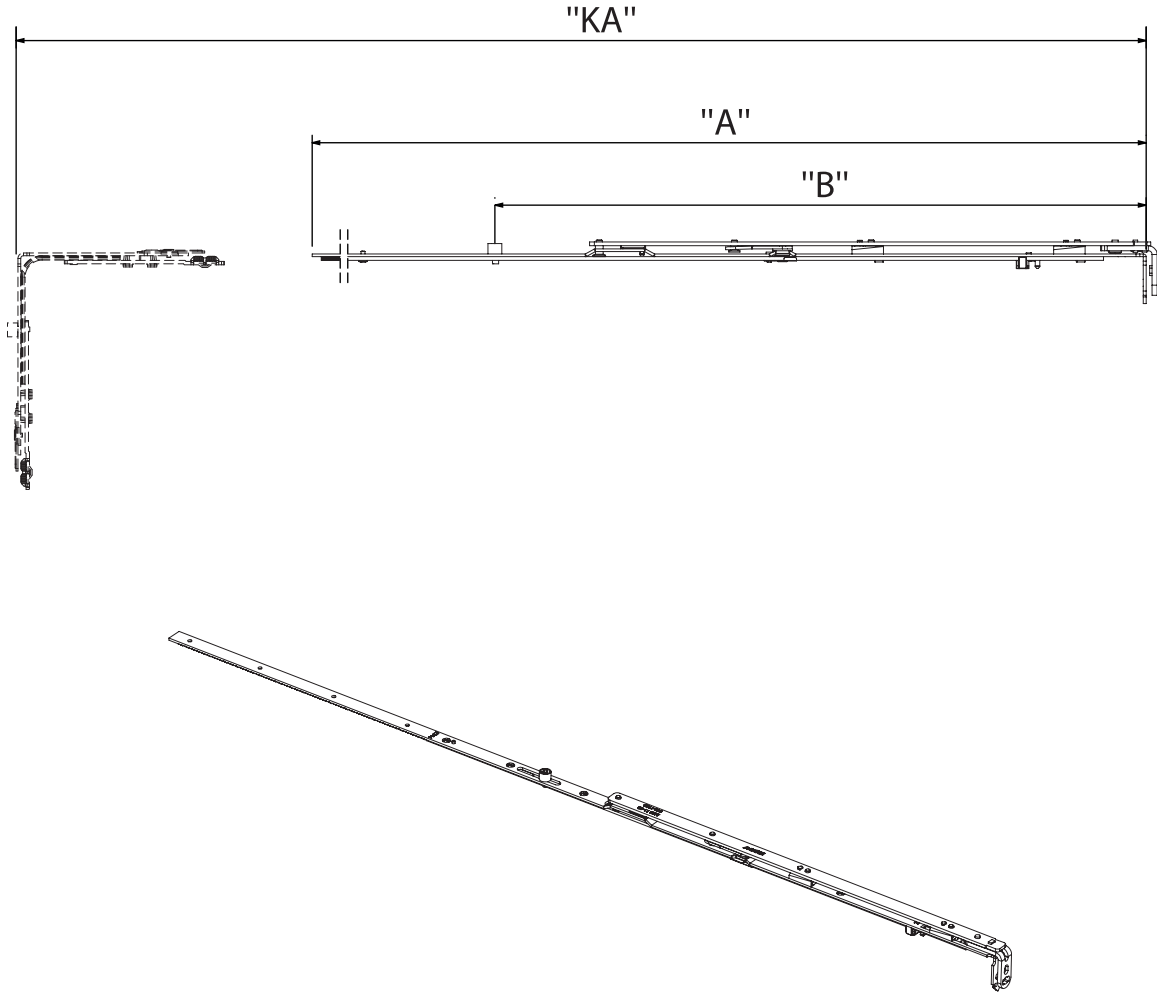
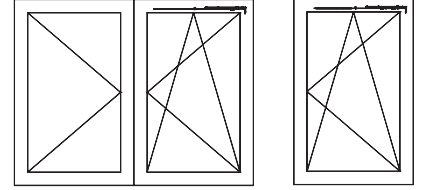
 ÜRÜN KODU	ÜRÜN	AKS		
HKK 38-01	HATALI KULLANIM&KANAT KALDIRMA KARŞILIK	9	2	100
HKK 38-02	HATALI KULLANIM&KANAT KALDIRMA KARŞILIK	13	2	100



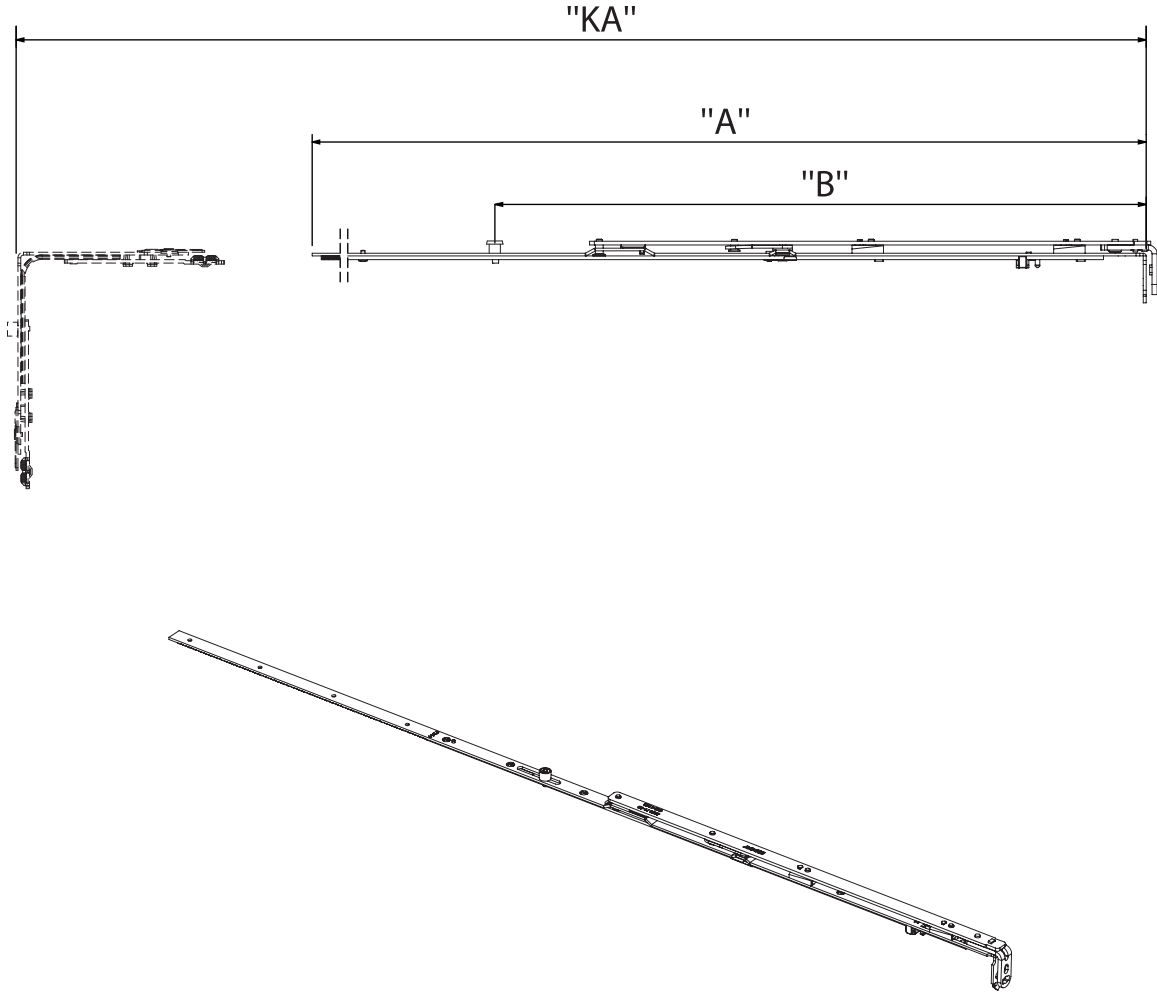
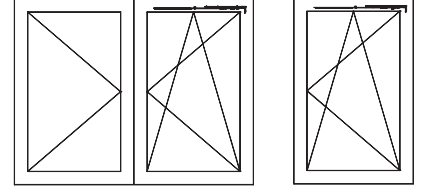
KAPI VE PENCERE SİSTEMLERİ

05

ÇİFT AÇILIM
MAKASLAR



ÜRÜN KODU		'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)			
MKS 11-00		340-590	450	-	-	3	10
MKS 11-01		400-650	490	-	-	4	10
MKS 11-02		640-850	690	-	-	5	10
MKSK 11-21		640-850	690	370	1	5	10
MKS 11-03		840-1100	940	520	1	6	10
MKS 11-04		1100-1350	1206	847,5	1	8	10



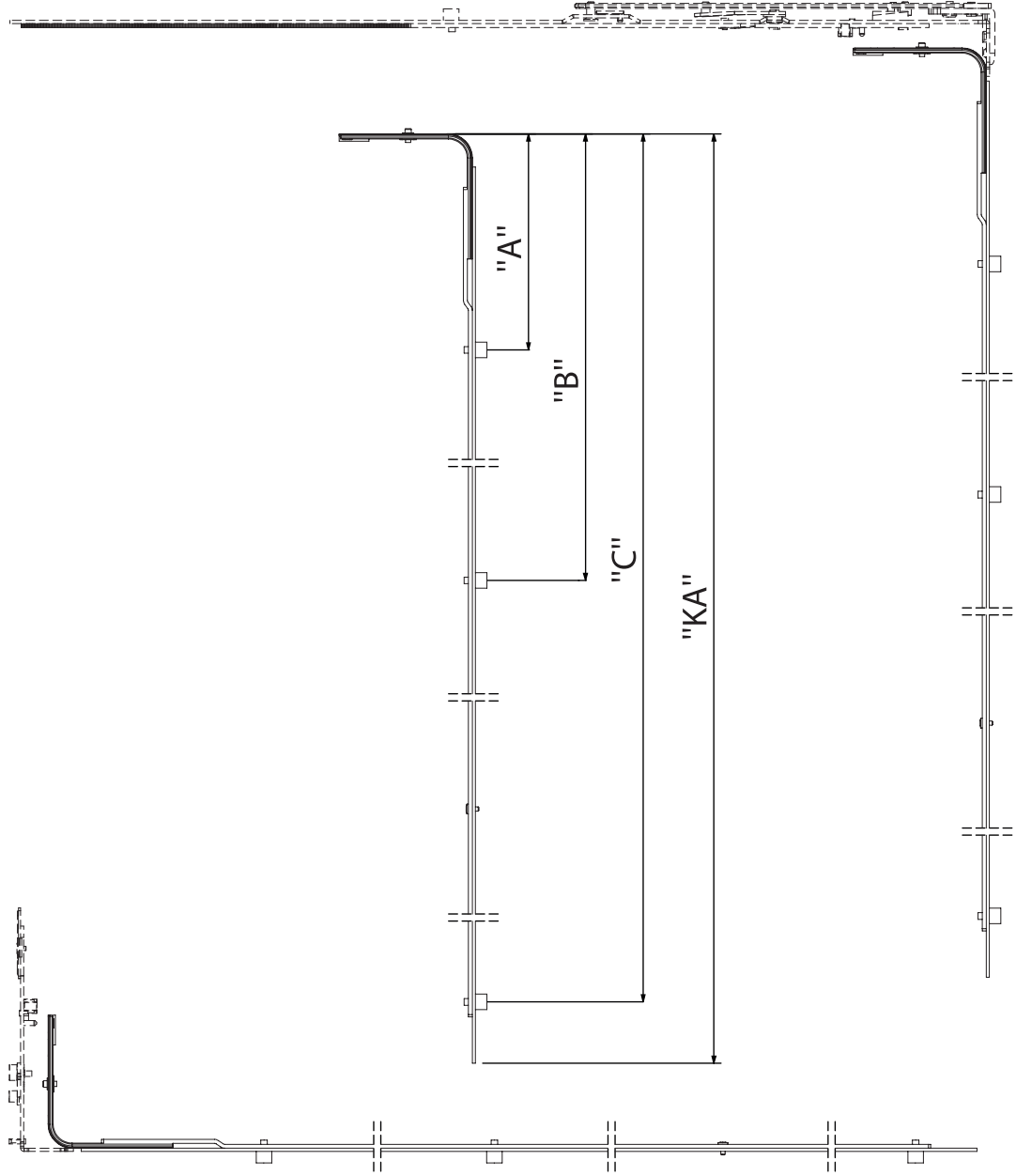
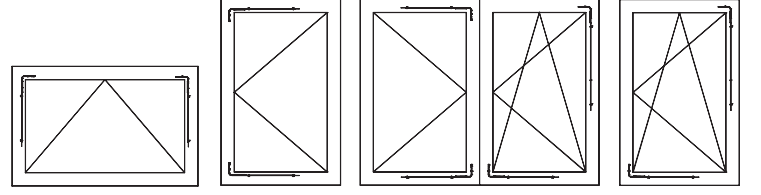
	ÜRÜN KODU		'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)			
	MKSK 11-21 SC		640-850	690	370	1	5	10
	MKS 11-03 SC		840-1100	940	520	1	6	10
	MKS 11-04 SC		1100-1350	1206	847,5	1	8	10



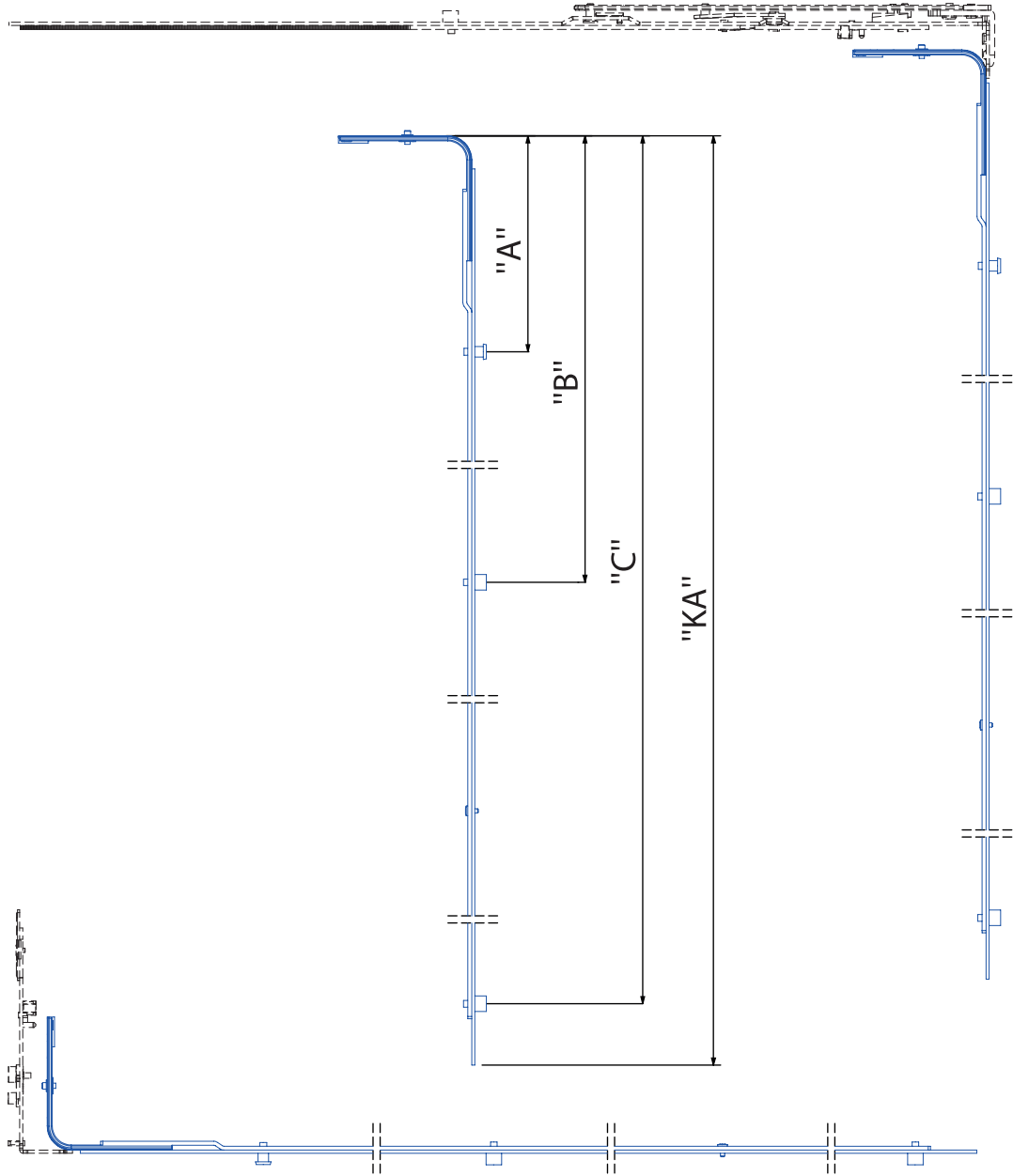
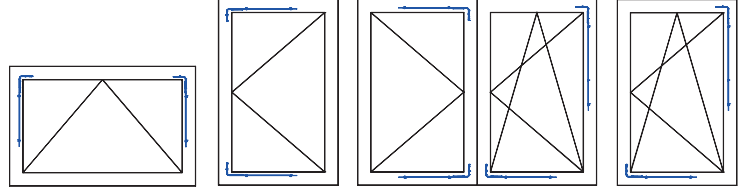
KAPI VE PENCERE SİSTEMLERİ

06

ARKA VE
ALT KİLİTLEME



 ÜRÜN KODU	 'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
AK 12-01	350-600	174	-	-	1	2	10
AK 12-02	600-1200	306	-	-	1	3	10
AK 12-03	800-1200	174	504	-	2	3	10
AK 12-34	900-1400	174	654	-	2	3	10
AK 12-04	1200-1700	174	754	-	2	4	10
AK 12-05	1700-2200	174	729	1307	3	5	10



	ÜRÜN KODU		'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)				
	AK 12-01 SC		350-600	174	-	-	1	-	2	10
	AK 12-02 SC		600-1200	306	-	-	1	-	3	10
	AK 12-03 SC		800-1200	174	504	-	1	1	3	10
	AK 12-34 SC		900-1400	174	654	-	1	1	3	10
	AK 12-04 SC		1200-1700	174	754	-	1	1	4	10
	AK 12-05 SC		1700-2200	174	729	1307	1	2	5	10



KAPI VE PENCERE SİSTEMLERİ

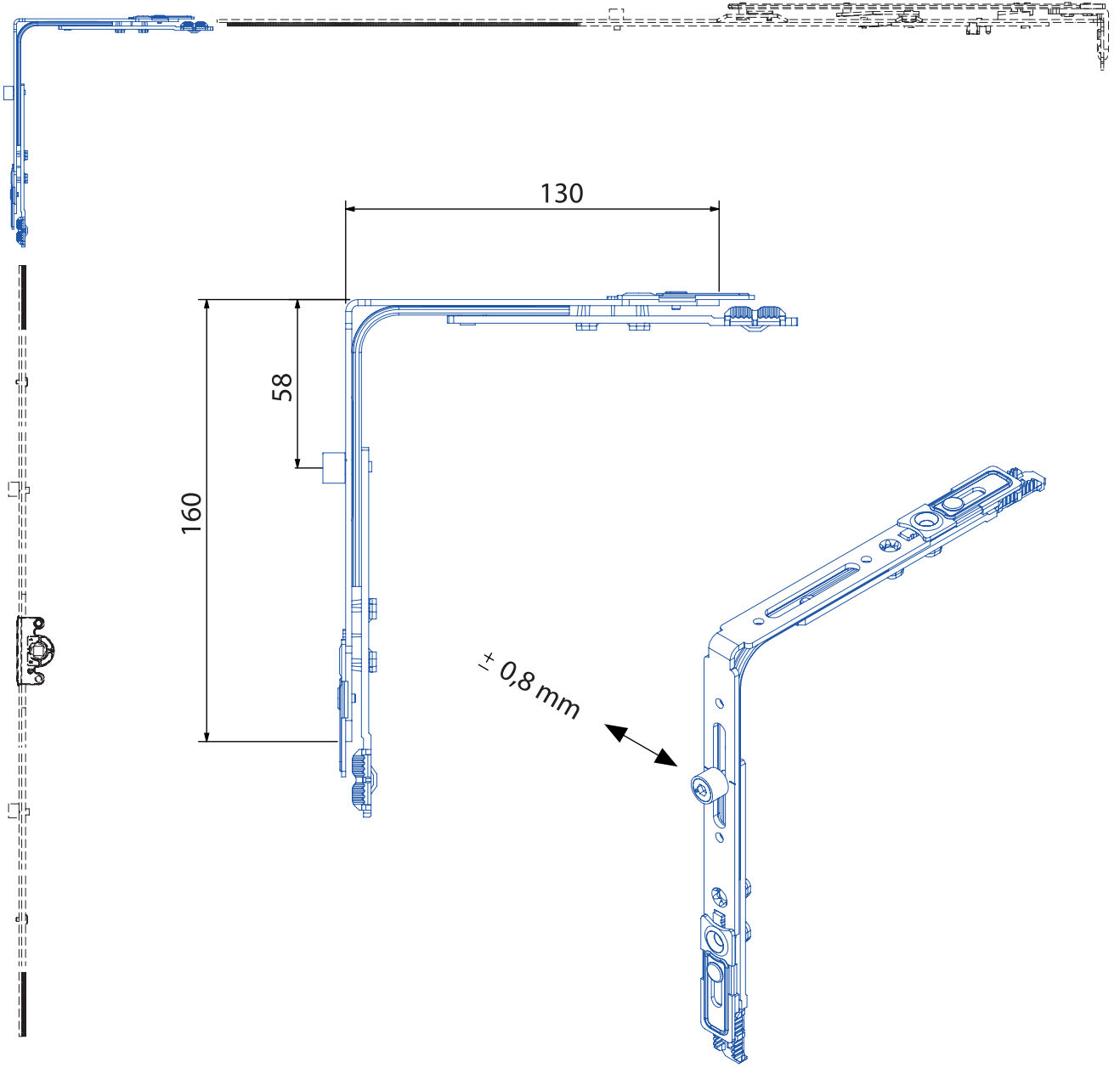
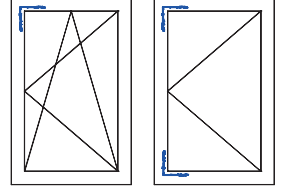
07

07

KÖŞE
ELEMENLARI

KÖŞE ELEMANI

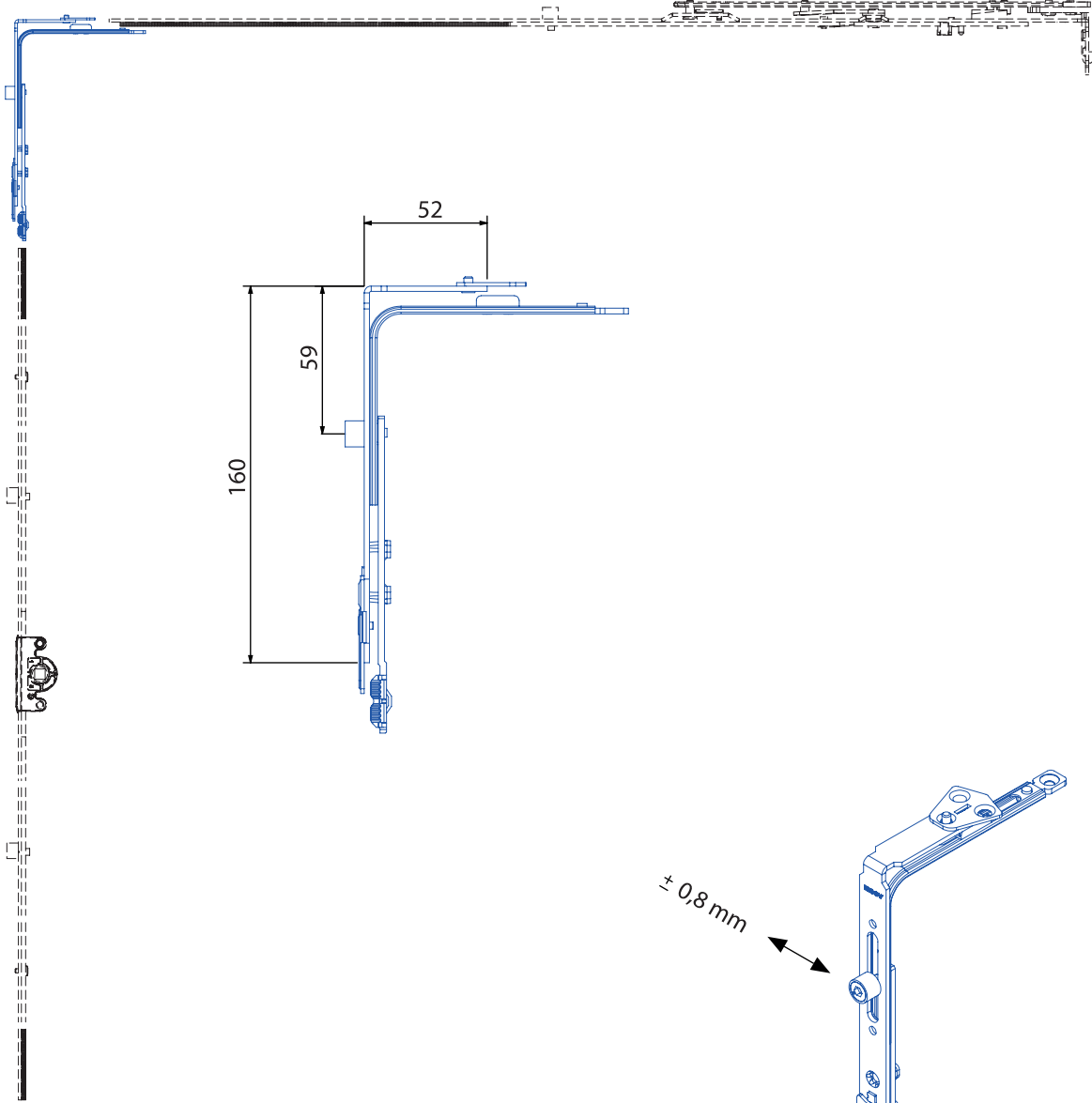
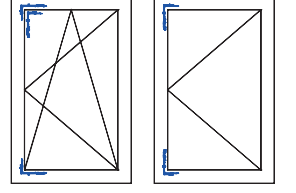
130X160 STANDART KÖŞE



	ÜRÜN KODU			
KE 13-01	1	4	100	

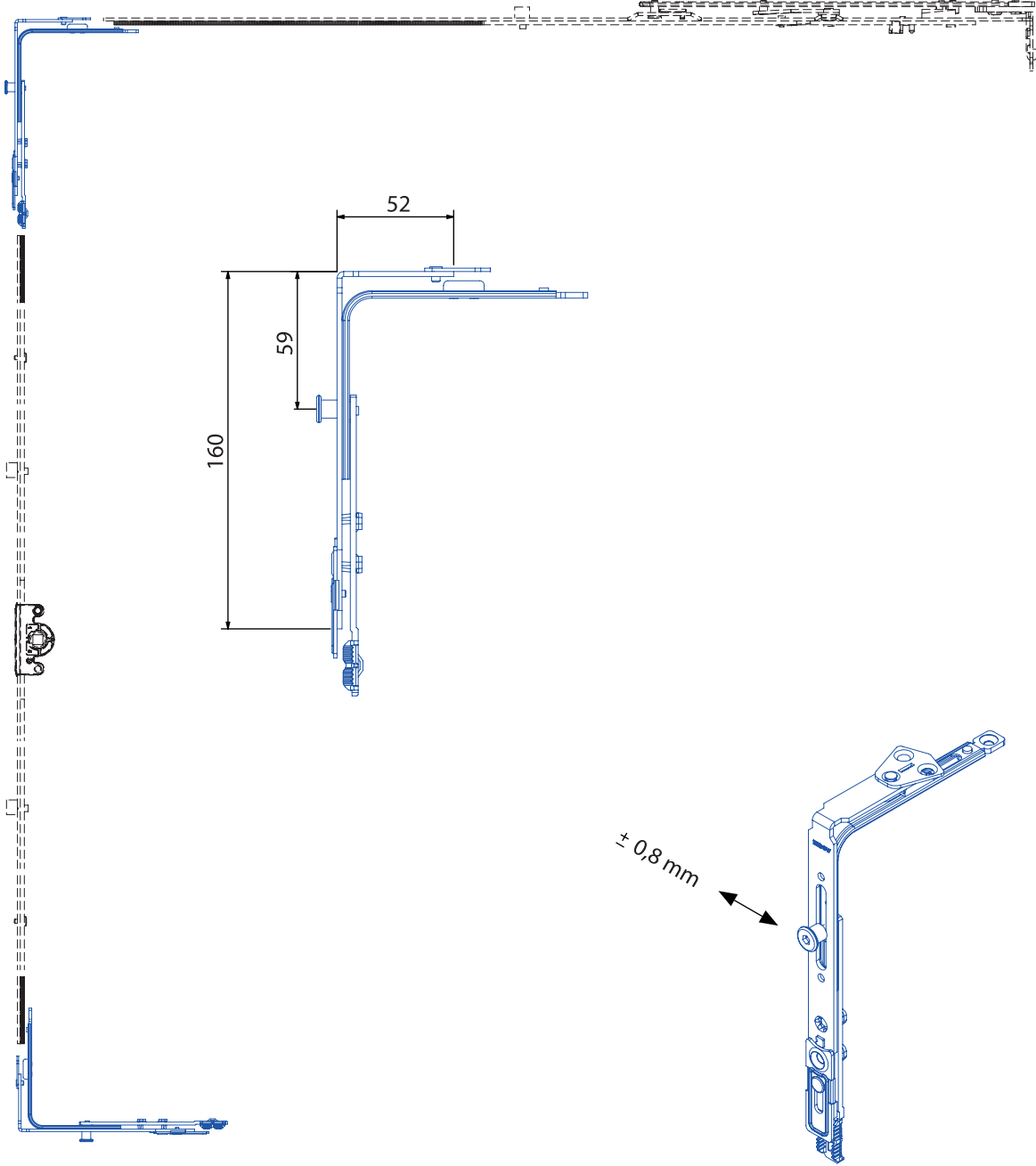
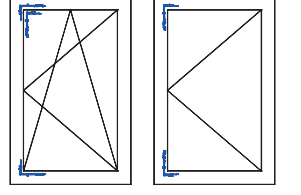
KÖŞE ELEMANI

52X160 KISA KÖŞE



	ÜRÜN KODU			
KE 13-02	1	4	100	

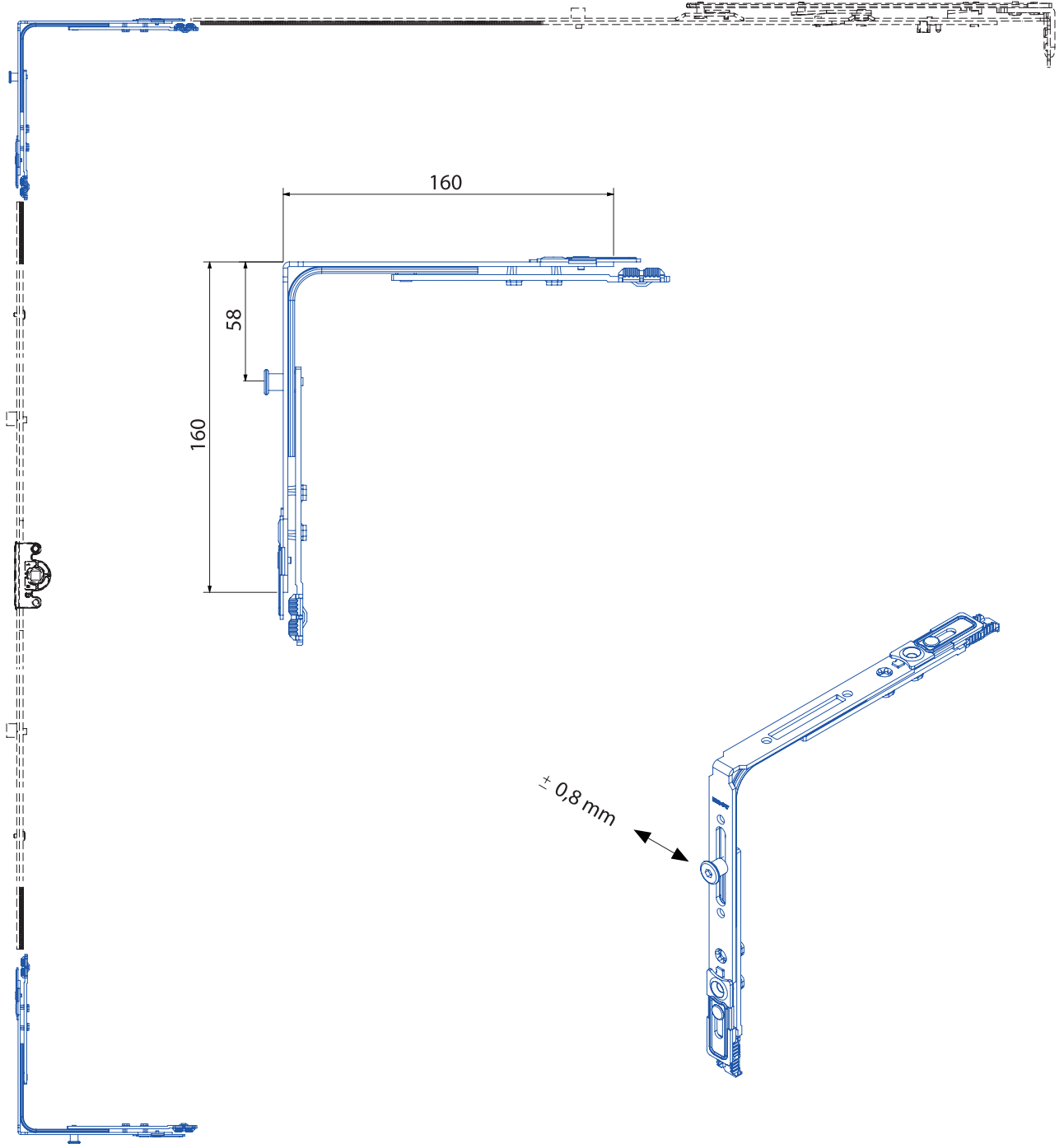
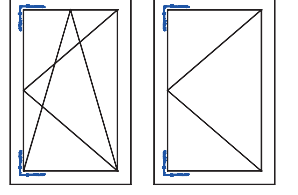
KÖŞE ELEMANI
52X160 EMNİYETLİ KISA KÖŞE



	ÜRÜN KODU				
	KE 13-21	1	4		100

KÖŞE ELEMANI

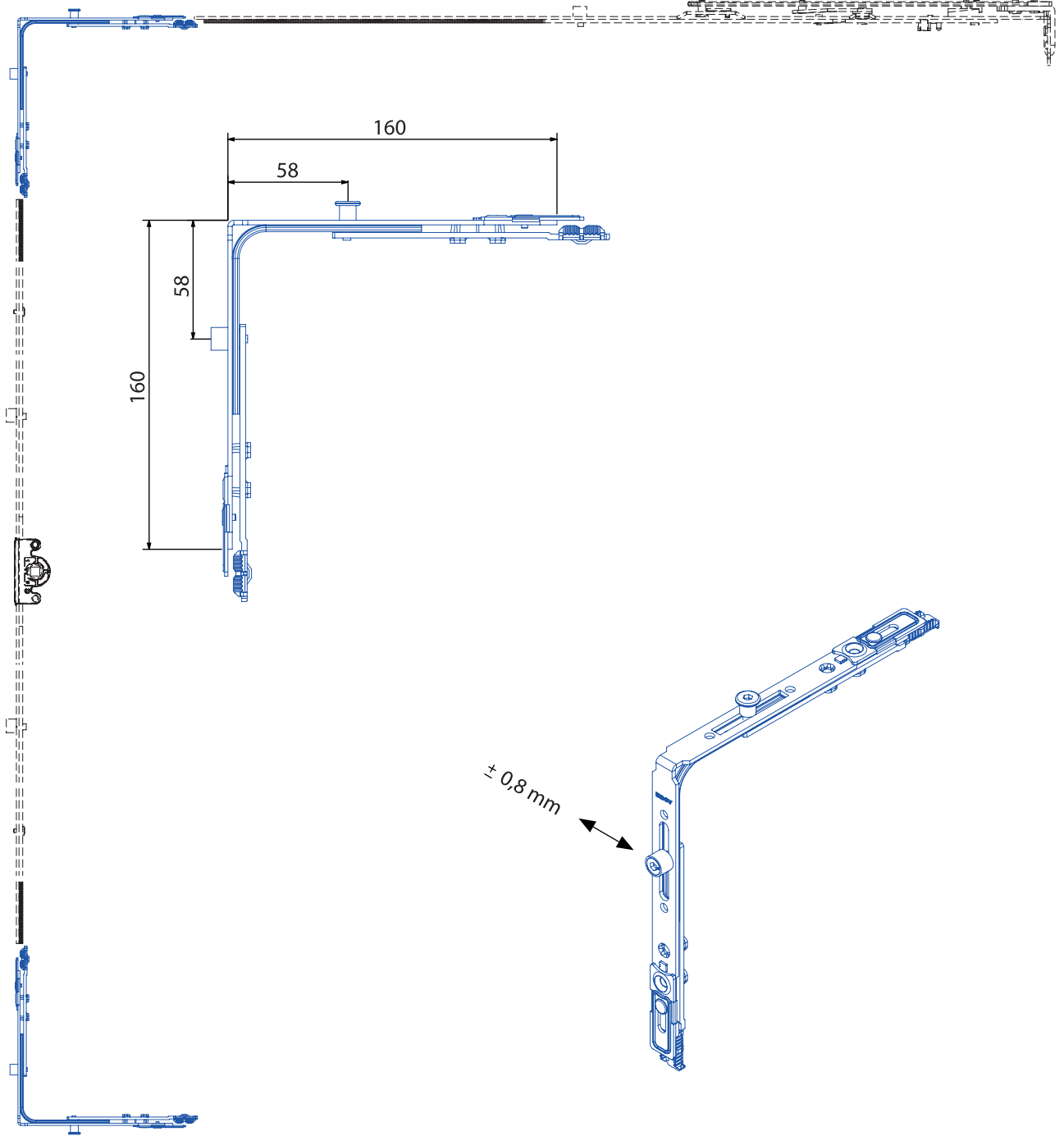
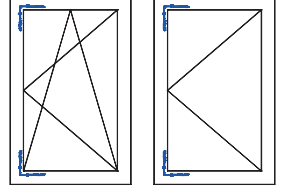
160X160 EMNİYETLİ KÖŞE



	ÜRÜN KODU				
KE 13-03		1	4		100

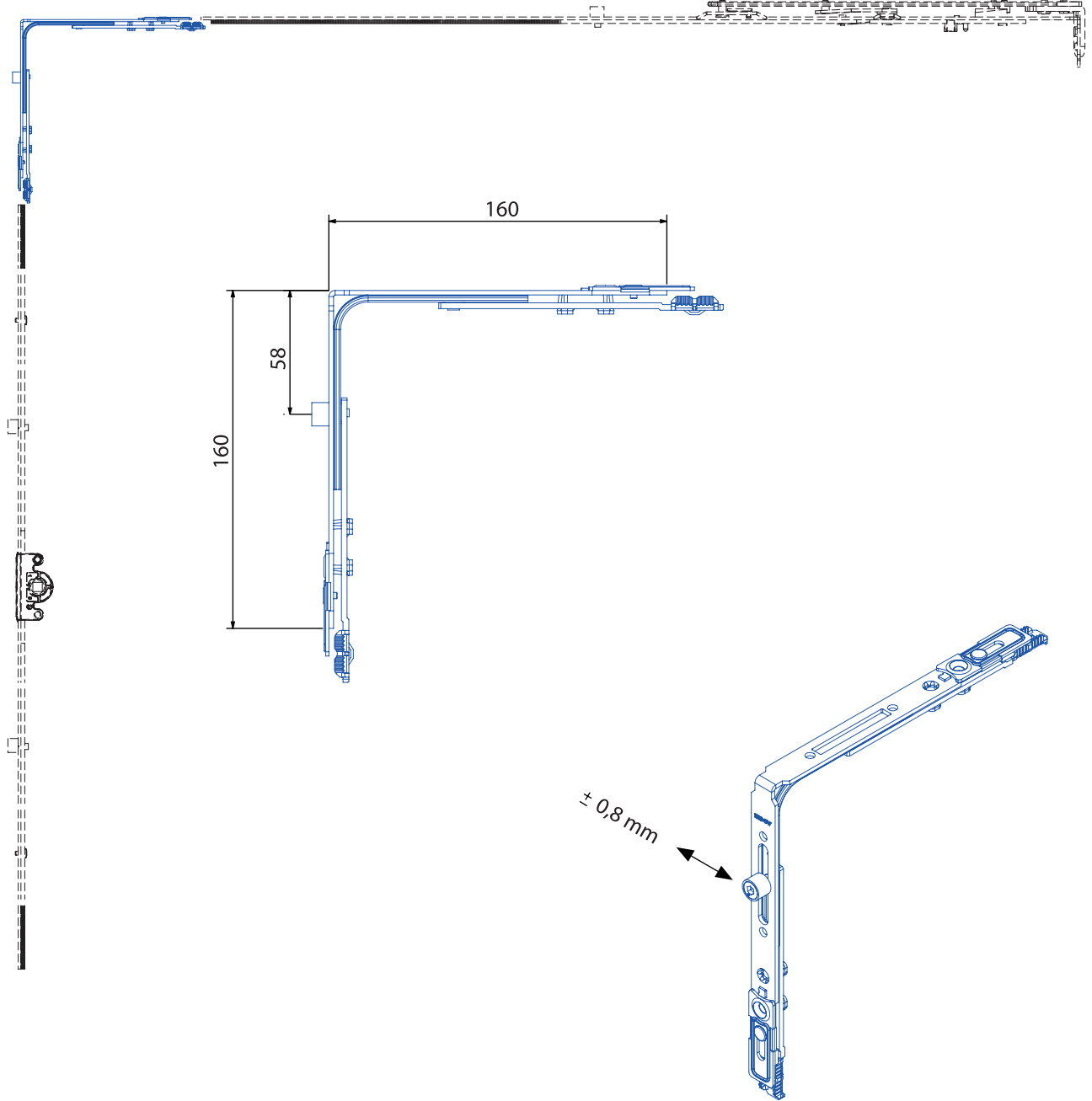
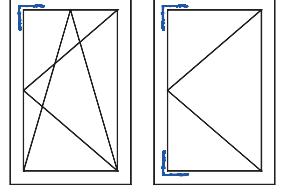
KÖŞE ELEMANI

160X160 VENTİLASYON KÖŞE



	ÜRÜN KODU					
KE 13-04	1	1	4	100		

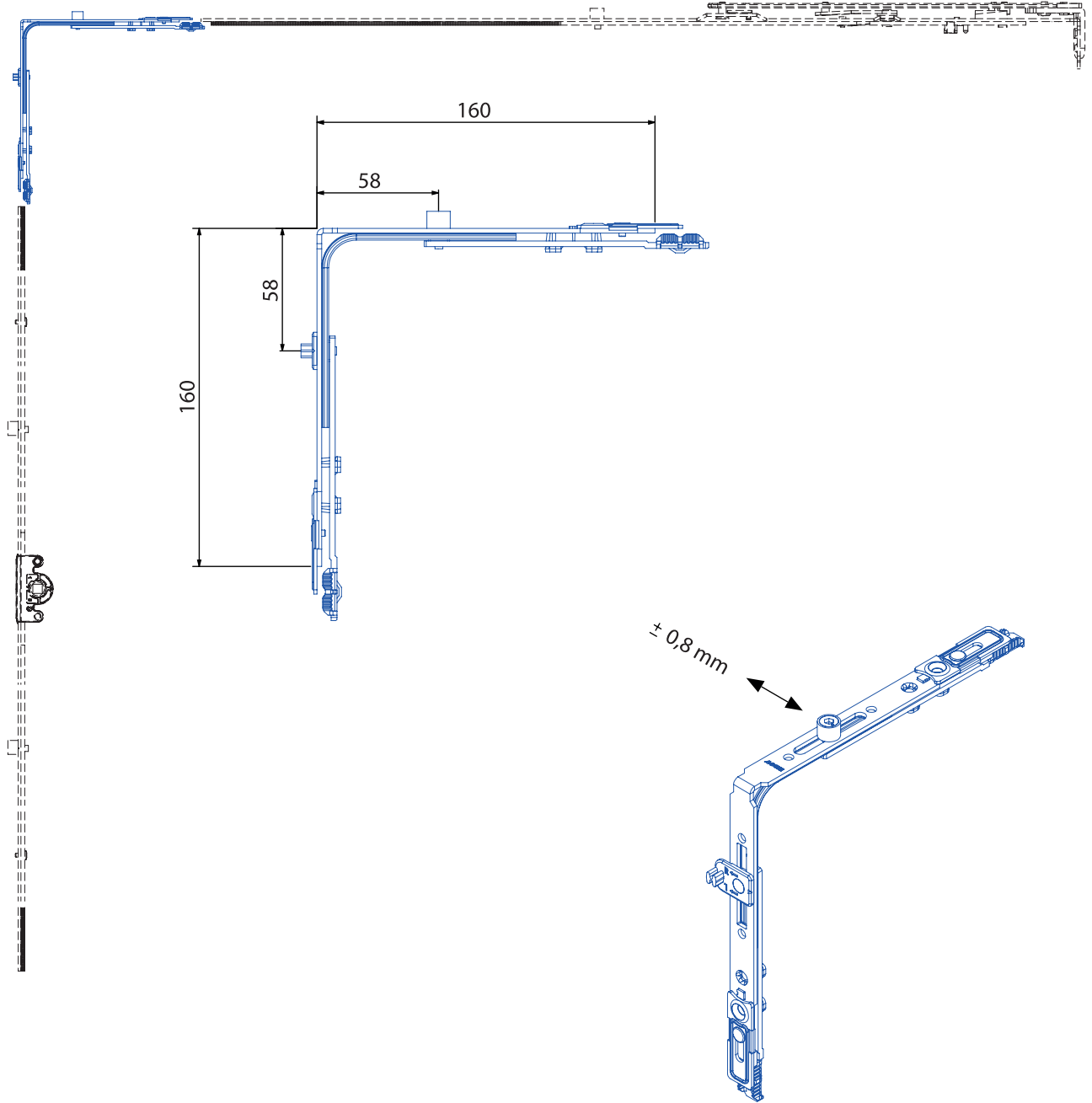
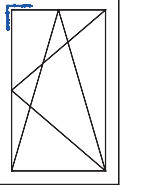
KÖŞE ELEMANI
160X160 SİMETRİK KÖŞE



	ÜRÜN KODU			
KE 13-05	1	4	100	

KÖŞE ELEMANI

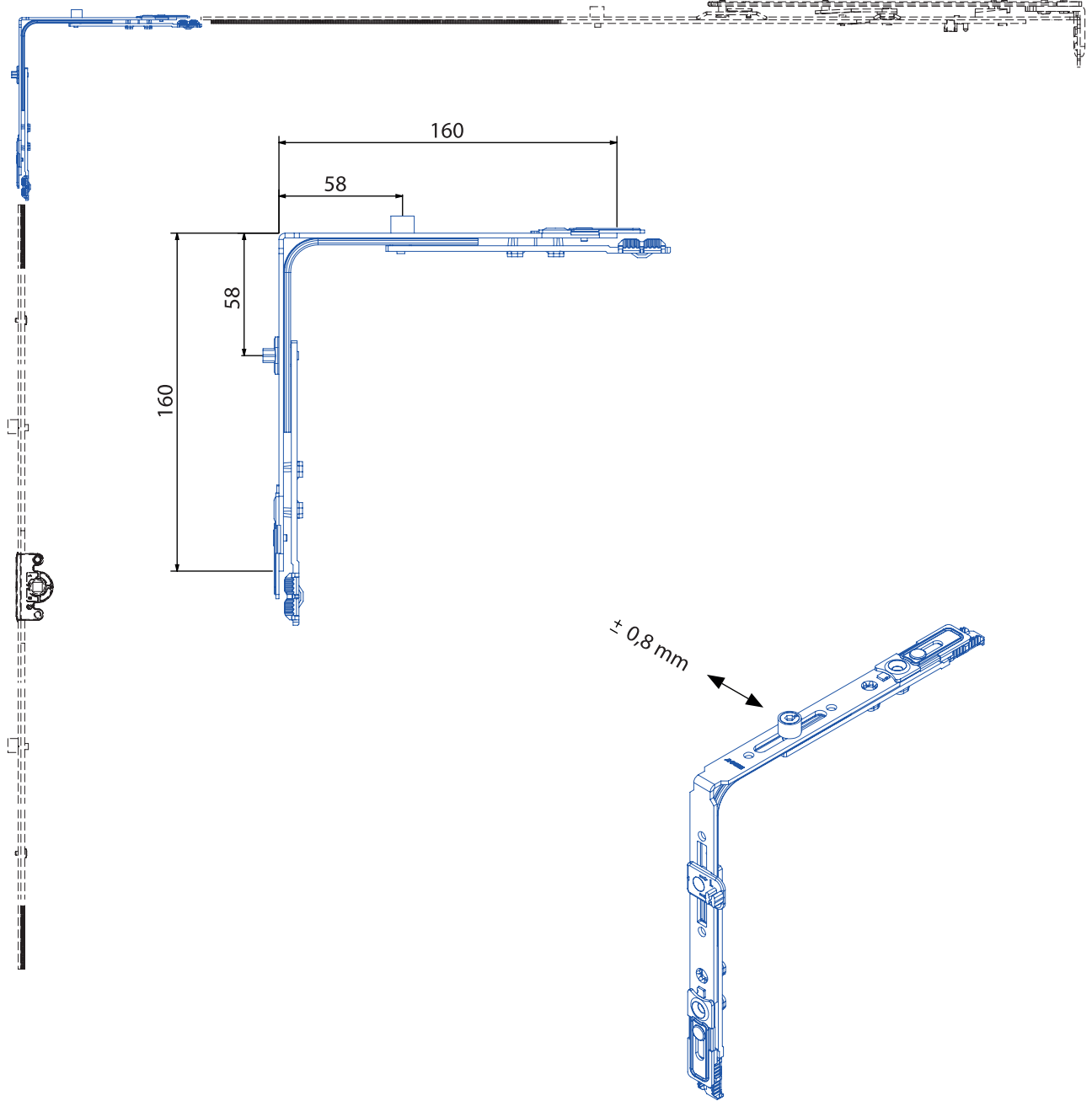
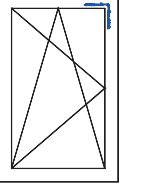
160X160 KADEMELİ VENTİLASYON KÖŞE - SAĞ



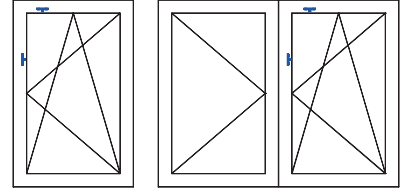
	ÜRÜN KODU			
KE 13-06 (R)	1	1	4	100

KÖŞE ELEMANI

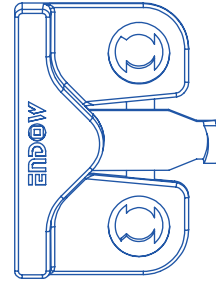
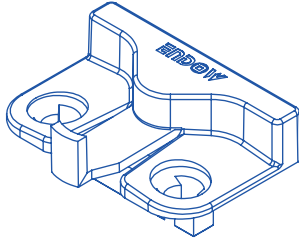
160X160 KADEMELİ VENTİLASYON KÖŞE - SOL



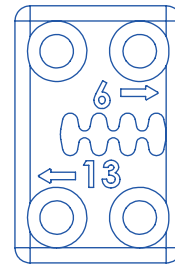
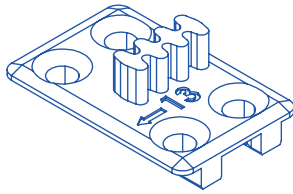
	ÜRÜN KODU			
KE 13-06 (L)	1	1	4	100



APK 15-04



APK 15-06



 ÜRÜN KODU	ÜRÜN		
APK 15-04	MİNİ VENTİLASYON KARŞILIK	2	100
APK 15-06	KADEMELİ VENTİLASYON KARŞILIK 9-13 AKS	2	100

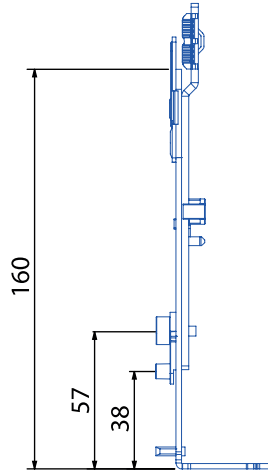
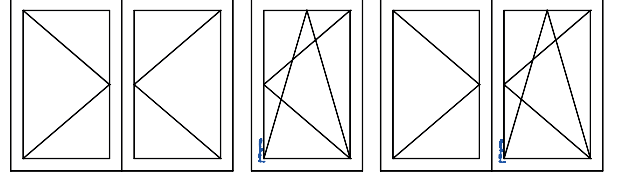


KAPI VE PENCERE SİSTEMLERİ

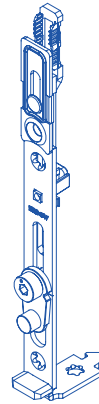
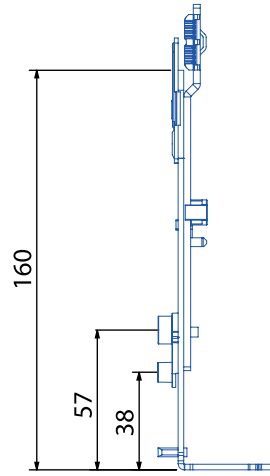
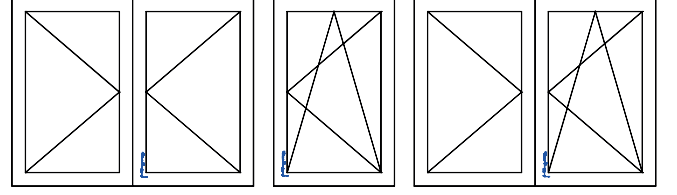
08

08

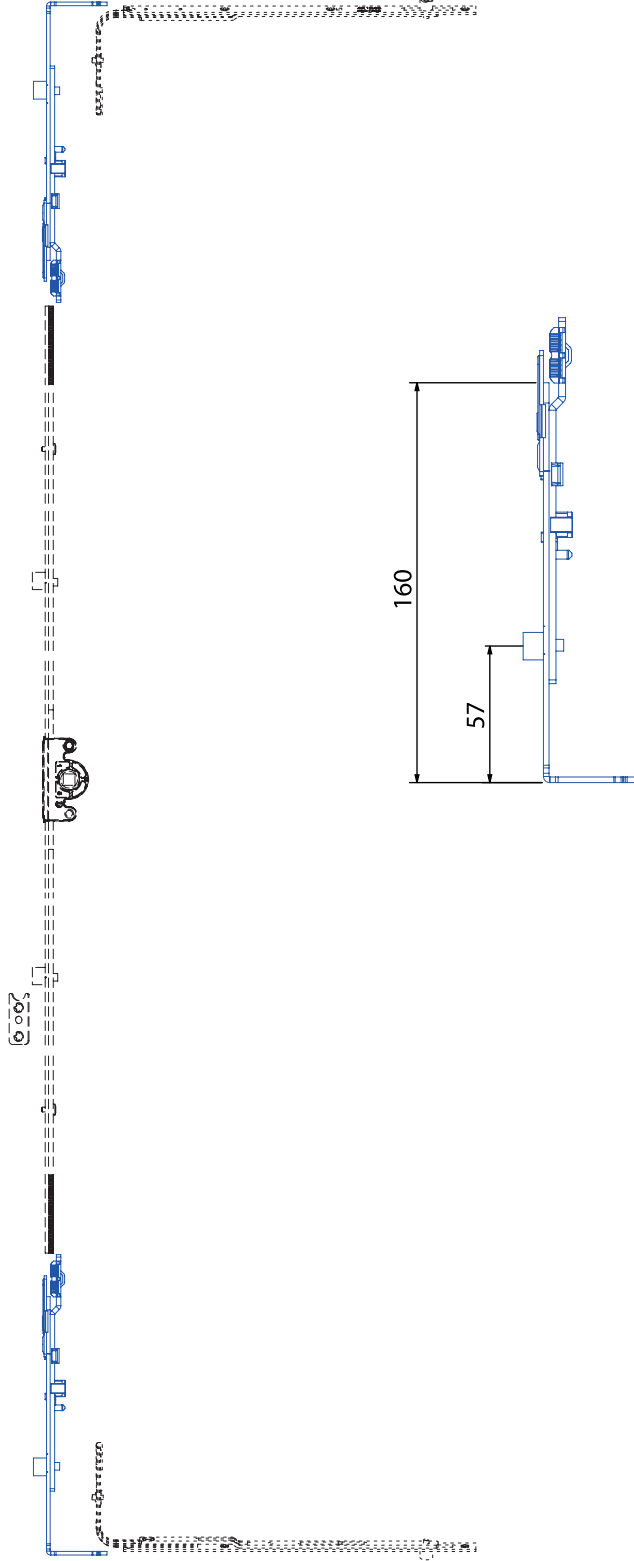
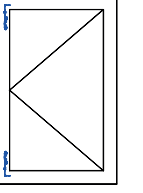
ALT KİLİTLEME VE
PİVOT KARŞILIKLARI



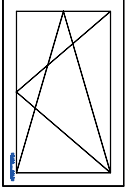
 ÜRÜN KODU	AÇIKLAMA			
ALT 16-00	Devirme Kanat Boyu 450-700 mm	1	4	100



 ÜRÜN KODU	AÇIKLAMA			
ALT 16-01	Devirme Kanat Boyu 700-2200 mm	1	4	100



	ÜRÜN KODU			
TAK 42-01	1	4	100	



APK 15-01



APK 15-03



APK 15-02



	ÜRÜN KODU	ÜRÜN	AKS (mm)		
	APK 15-01	ALT KİLİTLEME ZAMAK (PİVOT) KARŞILIK	9	2	100
	APK 15-02	ALT KİLİTLEME ZAMAK (PİVOT) KARŞILIK	13	2	100
	APK 15-03	ALT KİLİTLEME ZAMAK ÇİFT TIRNAK(PİVOT)KARŞILIK	9-13	2	100

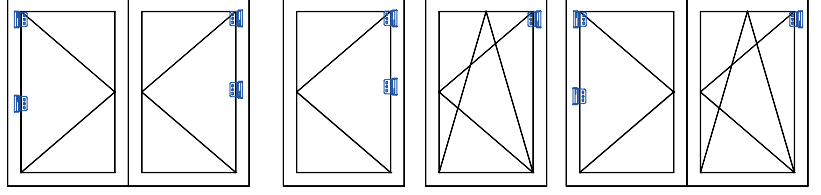


KAPI VE PENCERE SİSTEMLERİ

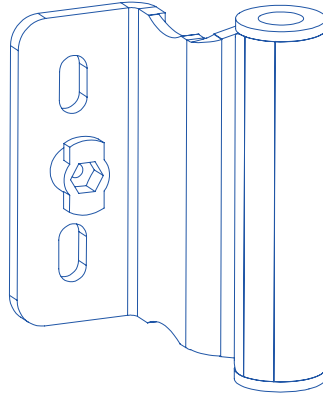
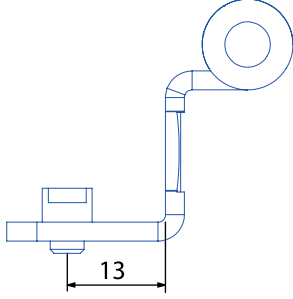
09

09

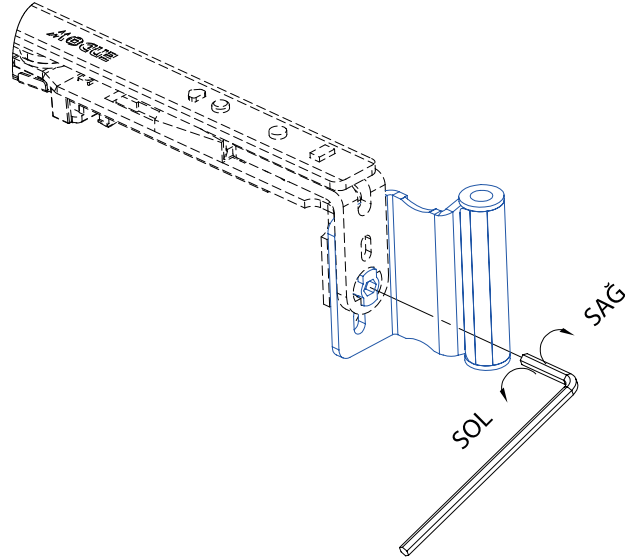
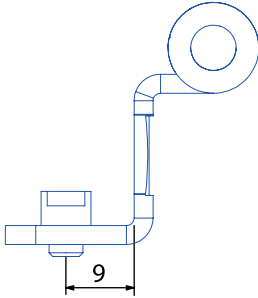
ÇİFT AÇILIM
MENTEŞELERİ
VE ŞABLONLARI



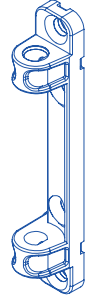
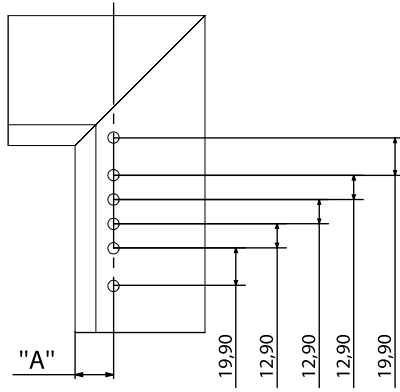
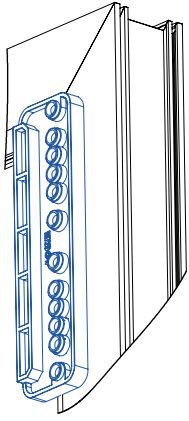
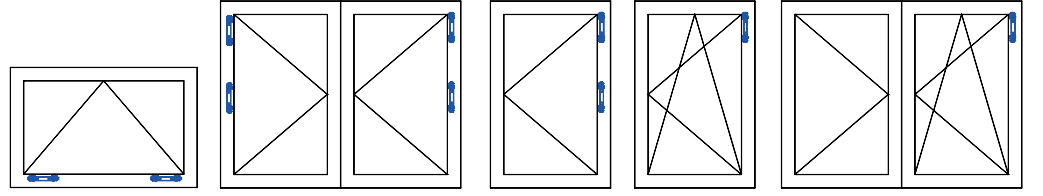
MNT 14-01



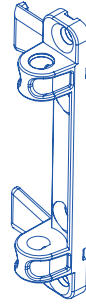
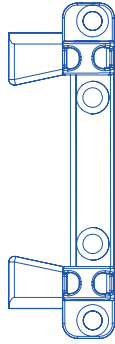
MNT 14-02



	ÜRÜN KODU	ÜRÜN	AKS		
	MNT 14-01	KANAT ÜST MENTEŞE	9	-	100
	MNT 14-02	KANAT ÜST MENTEŞE	13	-	100



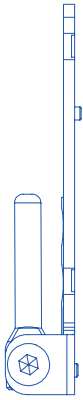
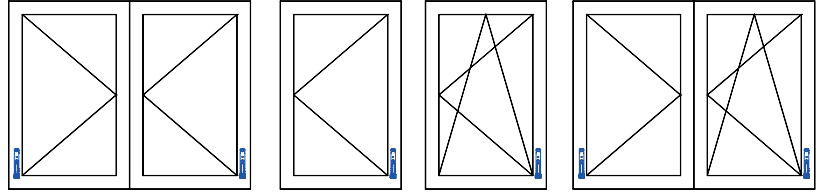
MNT 14-06



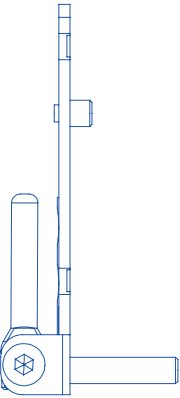
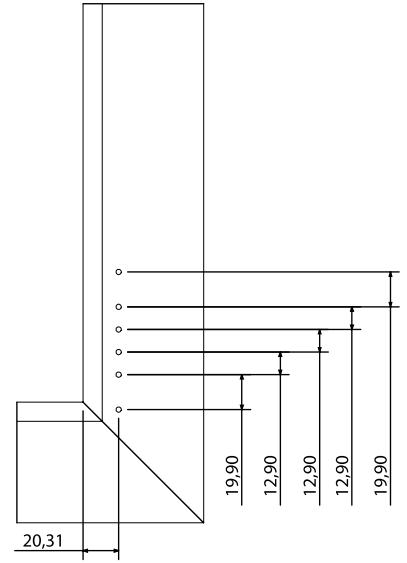
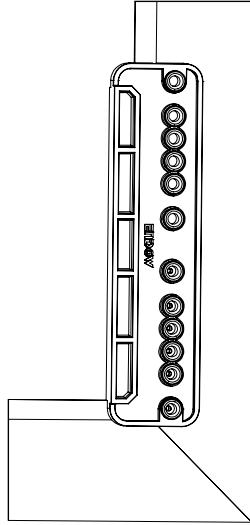
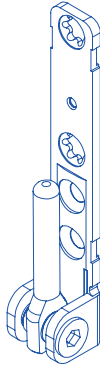
MNT 14-03

ÜRÜN KODU	ÜRÜN	KANAT BİNI GENİŞLİĞİ (mm)	'A' (mm)		
MNT 14-03	KASA ÜST MENTEŞE TIRNAKLI	20 mm	20,31	4	100
MNT 14-06	KASA ÜST MENTEŞE	20 mm	20,31	4	100

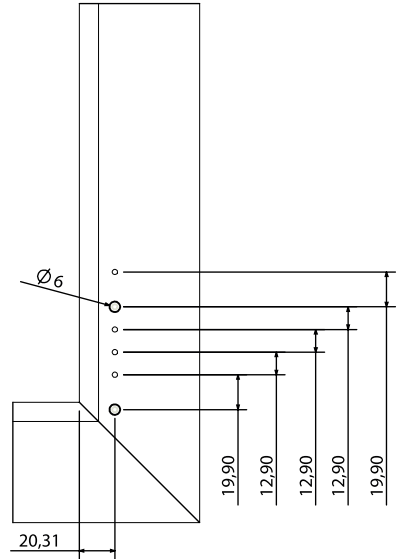
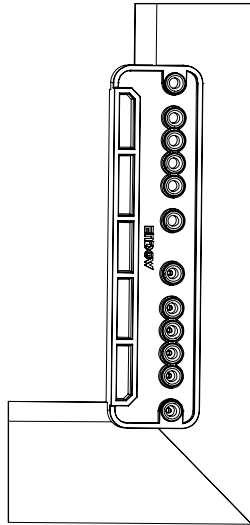
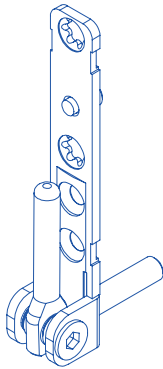
151PM.023	KASA ÜST MENTEŞE PİMİ
Not: Kasa Üst Menteşe ve Pimi aynı koli içerisinde.	



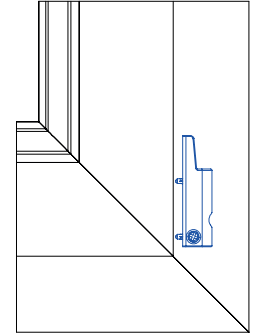
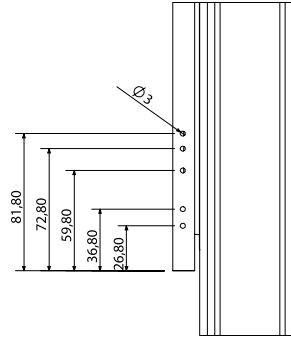
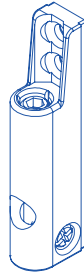
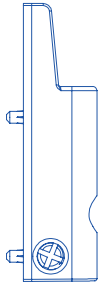
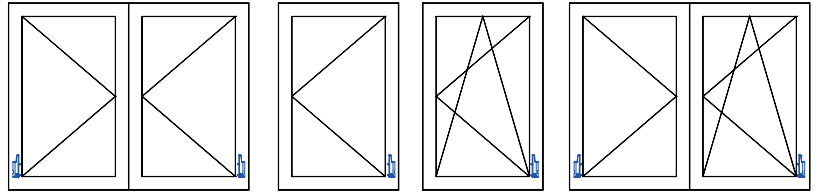
MNT 14-05



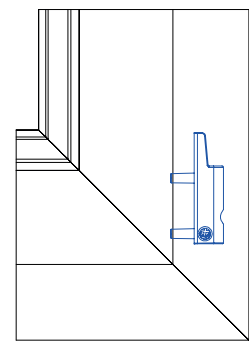
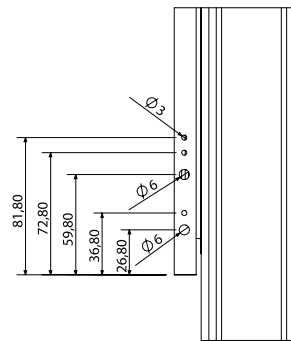
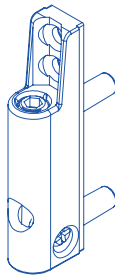
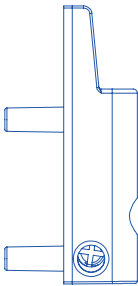
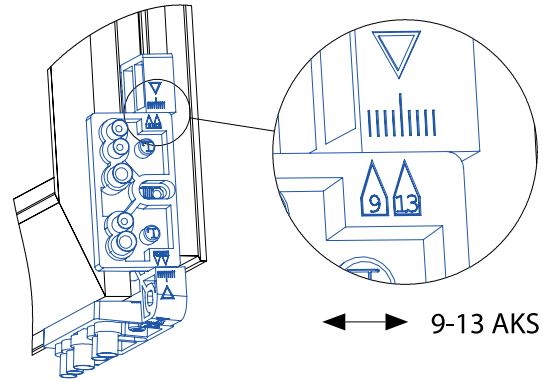
MNT 14-15



	ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	KANAT BİNİ GENİŞLİĞİ (mm)	Ø (mm)		
	MNT 14-05	KASA ALT MENTEŞE	100 KG	20 mm	3	4	100
	MNT 14-15	KASA ALT MENTEŞE	130 KG	20 mm	6	4	100



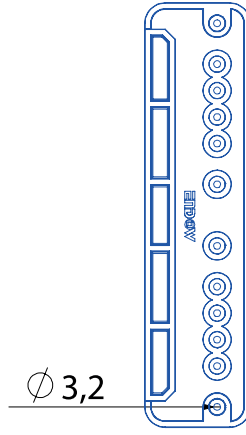
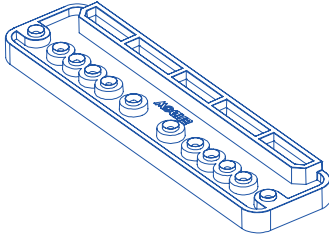
MNT 14-04



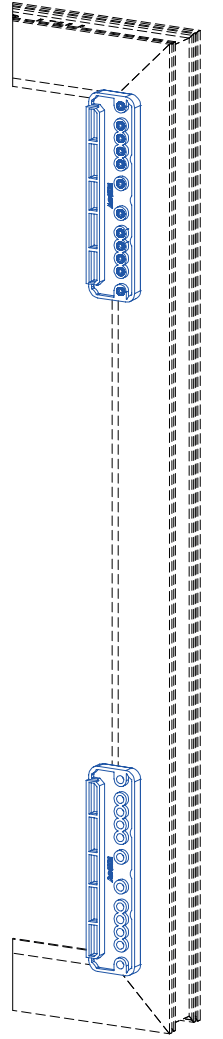
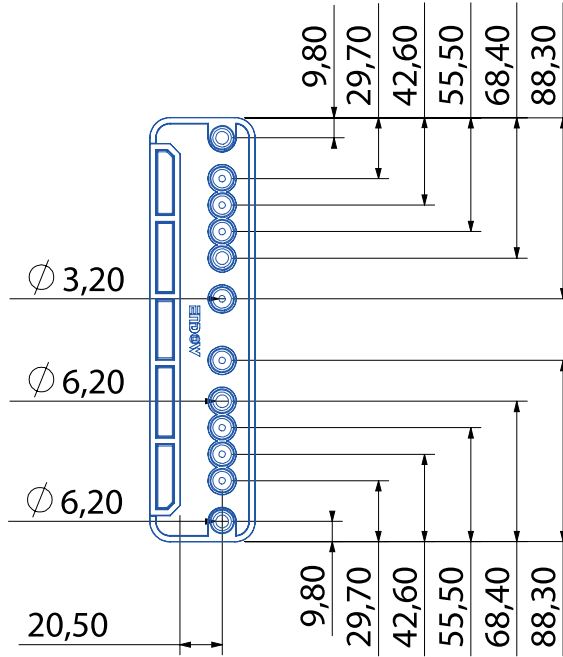
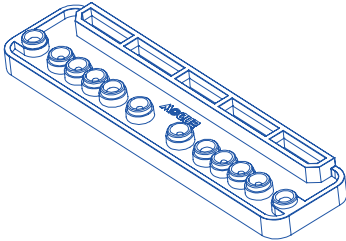
MNT 14-14

	ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	KANAT BİNİ GENİŞLİĞİ (mm)	Ø (mm)		
	MNT 14-04	KANAT ALT MENTEŞE	100 KG	20 mm	3	3	100
	MNT 14-14	KANAT ALT MENTEŞE	130 KG	20 mm	6	3	100

KSS-01

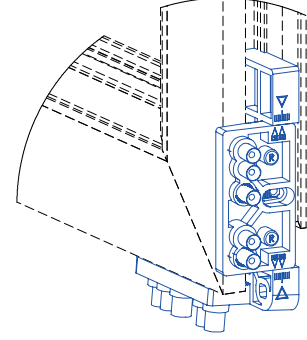
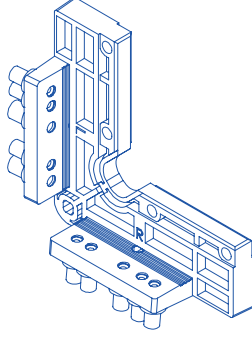


KSS-02



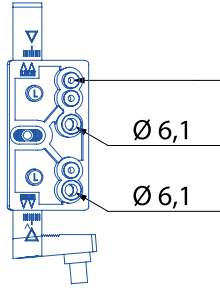
 ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	Ø (mm)	
KSS-01	KASA ŞABLONU	100 KG	3	10
KSS-02	KASA ŞABLONU	130 KG	6	10

SAĞ AÇILIR UYGULAMA



130 KG

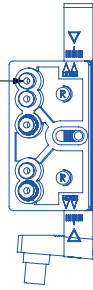
100 KG



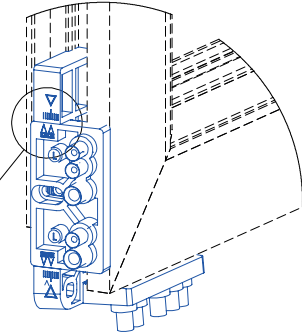
Ø 3,1

Ø 6,1

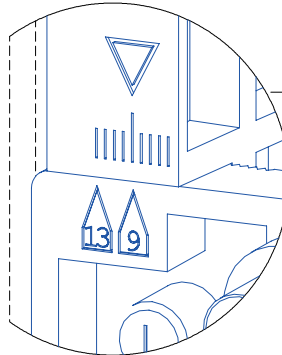
Ø 6,1



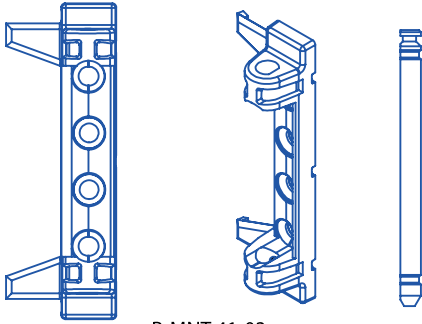
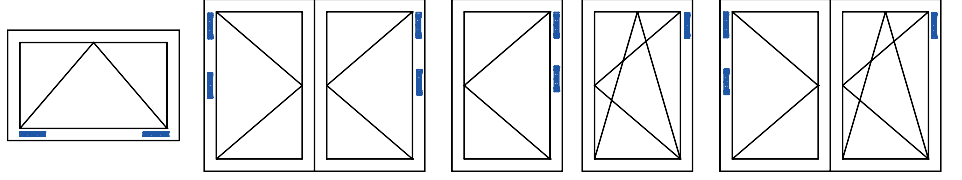
SOL AÇILIR UYGULAMA



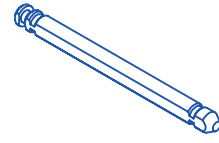
9-13 AKS



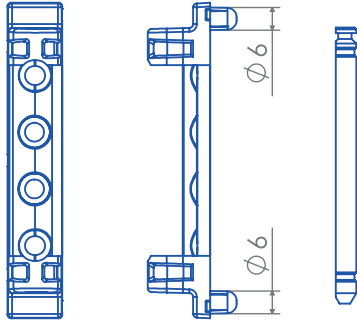
ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	Ø (mm)	
KNS-01	KANAT ŞABLONU	100 KG	3	10
KNS-02	KANAT ŞABLONU	130 KG	6	10



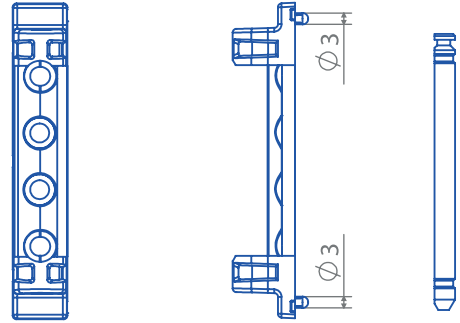
P-MNT 41-03



*** 151PM.023



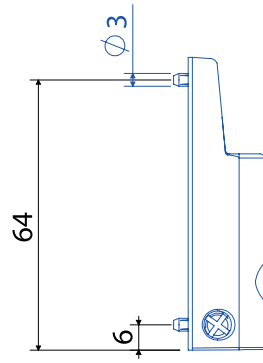
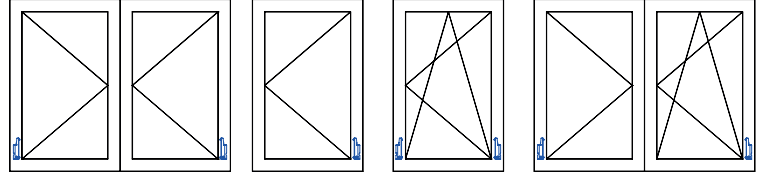
P-MNT 41-13



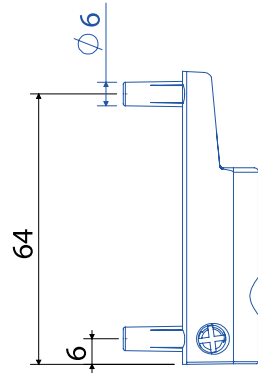
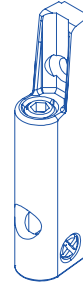
P-MNT 41-06

	ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	KANAT BİNİ GENİŞLİĞİ (mm)		
	P-MNT 41-03	KASA ÜST MENTEŞE TIRNAKLI		20 mm	4	100
	P-MNT 41-13	KASA ÜST MENTEŞE TIRNAKSIZ	130 KG	20 mm	4	100
	P-MNT 41-06	KASA ÜST MENTEŞE TIRNAKSIZ	100 KG	20 mm	4	100

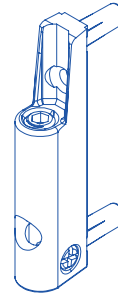
151PM.023	KASA ÜST MENTEŞE PİMİ
Not: Kasa Üst Menteşe ve Pimi aynı koli içerisinde.	



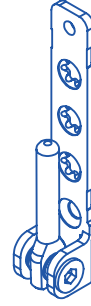
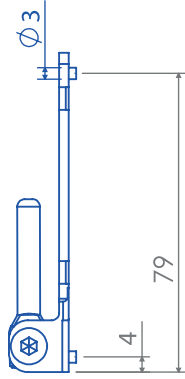
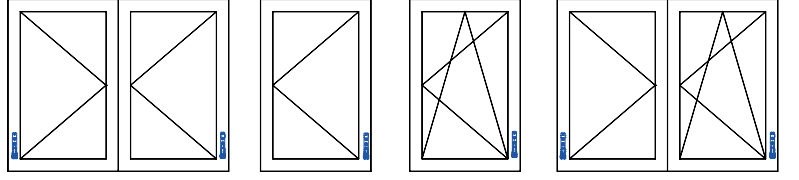
P-MNT 41-04



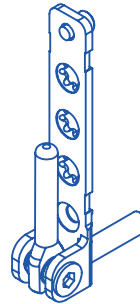
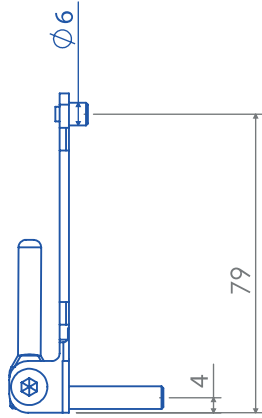
P-MNT 41-14



 ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	KANAT BİNİ GENİŞLİĞİ (mm)	Ø (mm)		
P-MNT 41-04	KANAT ALT MENTEŞE	100 KG	20 mm	3	2	100
P-MNT 41-14	KANAT ALT MENTEŞE	130 KG	20 mm	6	2	100

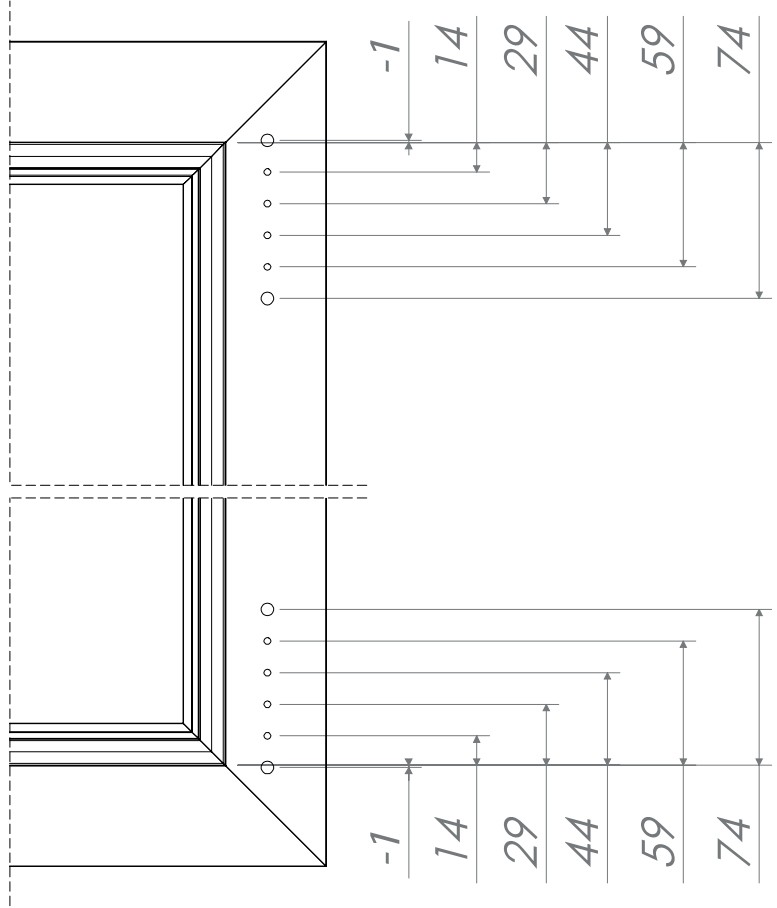
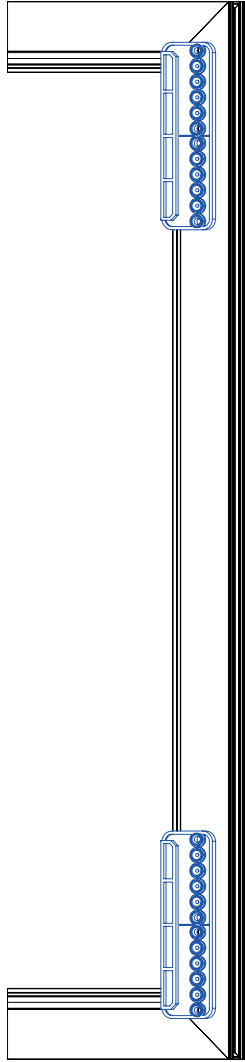


P-MNT 41 - 05



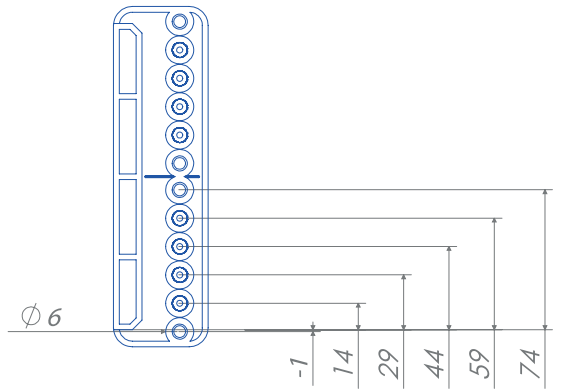
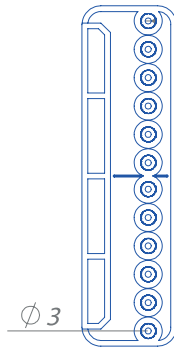
P-MNT 41 - 15

 ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	KANAT BİNİ GENİŞLİĞİ (mm)	Ø (mm)		
P-MNT 41-05	KASA ALT MENTEŞE	100 KG	20 mm	3	4	100
P-MNT 41-15	KASA ALT MENTEŞE	130 KG	20 mm	6	4	100



100 KG

130 KG

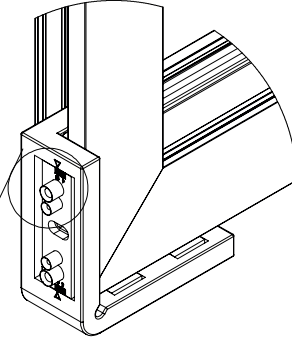


	ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	Ø (mm)	
	P-KSS-01	PLUS KASA ŞABLONU	100 KG	3	10
	P-KSS-02	PLUS KASA ŞABLONU	130 KG	6	10

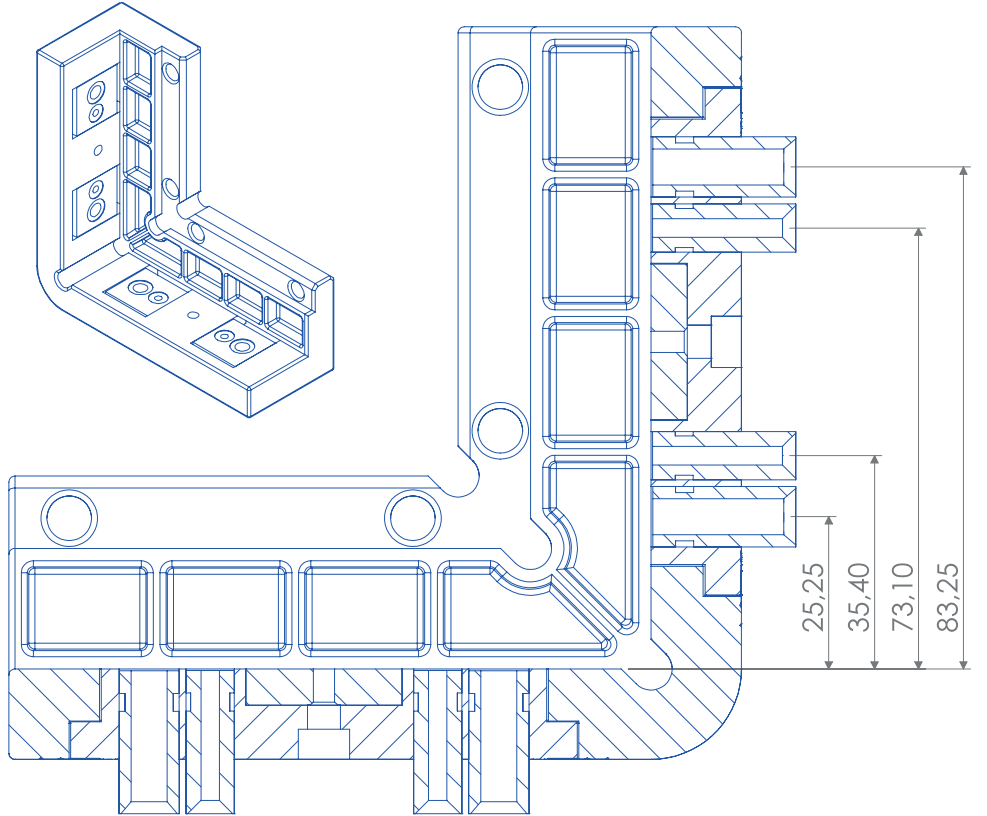
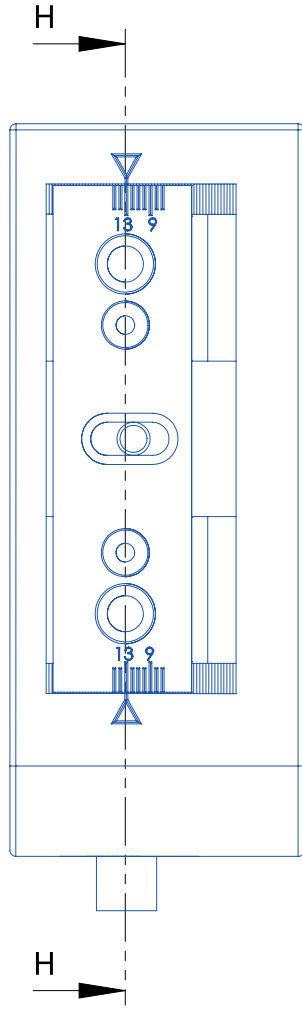
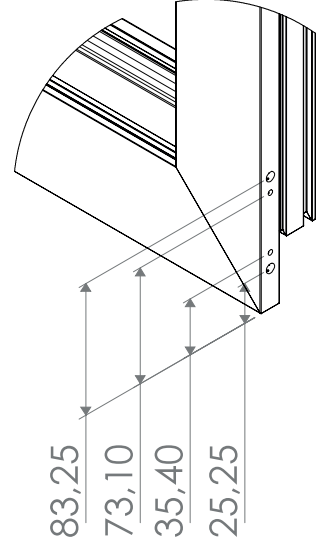


13-9 AKS

SOL AÇILIR UYGULAMA



SAĞ AÇILIR UYGULAMA



ÜRÜN KODU	ÜRÜN	TAŞIMA KAPASİTESİ	Ø (mm)	
P-KNS-01	PLUS KANAT ŞABLONU	100 KG	3	10
P-KNS-02	PLUS KANAT ŞABLONU	130 KG	6	10

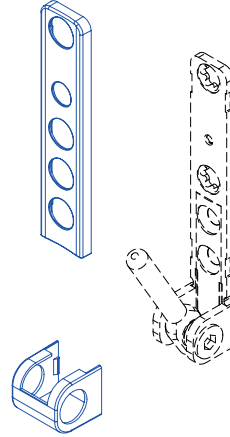
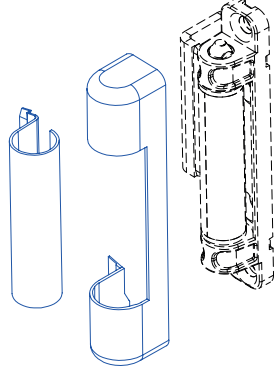
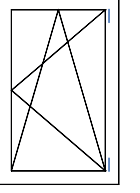


KAPI VE PENCERE SİSTEMLERİ

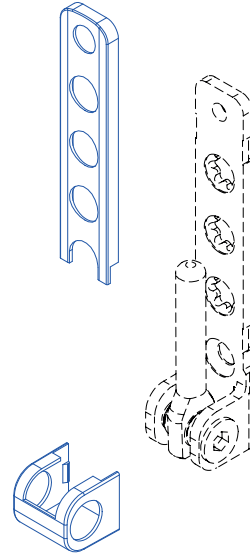
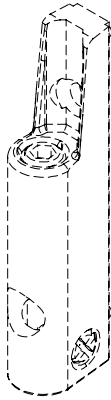
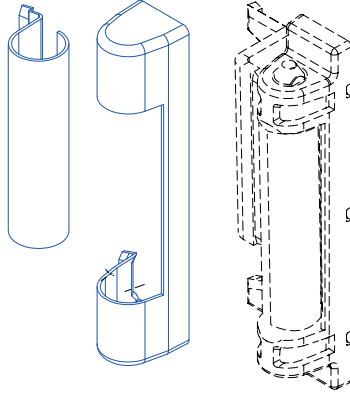
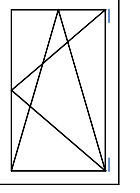
10

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PLASTİK
KAPAK TAKIMI



 ÜRÜN KODU	ÜRÜN	RENK	
PLK 17-01	PLASTİK KAPAK TAKIMI	BEYAZ-RAL 9016	100
PLK 17-02	PLASTİK KAPAK TAKIMI	KAHVE-RAL 8017	100
PLK 17-03	PLASTİK KAPAK TAKIMI	AÇIK KAHVE-RAL 8003	100
PLK 17-04	PLASTİK KAPAK TAKIMI	KOYU KAHVE-RAL 8019	100
PLK 17-05	PLASTİK KAPAK TAKIMI	SİYAH-RAL 8022	100
PLK 17-06	PLASTİK KAPAK TAKIMI	GRİ-RAL 9006	100
PLK 17-07	PLASTİK KAPAK TAKIMI	ŞAMPANYA	100
PLK 17-08	PLASTİK KAPAK TAKIMI	BRONZ	100
PLK 17-09	PLASTİK KAPAK TAKIMI	GÜMÜŞ	100
PLK 17-10	PLASTİK KAPAK TAKIMI	TİTAN	100



 ÜRÜN KODU	ÜRÜN	RENK	
PLK 71-01	PLASTİK KAPAK TAKIMI	BEYAZ-RAL 9016	100
PLK 71-02	PLASTİK KAPAK TAKIMI	KAHVE-RAL 8017	100
PLK 71-03	PLASTİK KAPAK TAKIMI	AÇIK KAHVE-RAL 8003	100
PLK 71-04	PLASTİK KAPAK TAKIMI	KOYU KAHVE-RAL 8019	100
PLK 71-05	PLASTİK KAPAK TAKIMI	SİYAH-RAL 8022	100
PLK 71-06	PLASTİK KAPAK TAKIMI	GRİ-RAL 9006	100
PLK 71-07	PLASTİK KAPAK TAKIMI	ŞAMPANYA	100
PLK 71-08	PLASTİK KAPAK TAKIMI	BRONZ	100
PLK 71-09	PLASTİK KAPAK TAKIMI	GÜMÜŞ	100
PLK 71-10	PLASTİK KAPAK TAKIMI	TİTAN	100

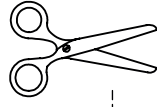
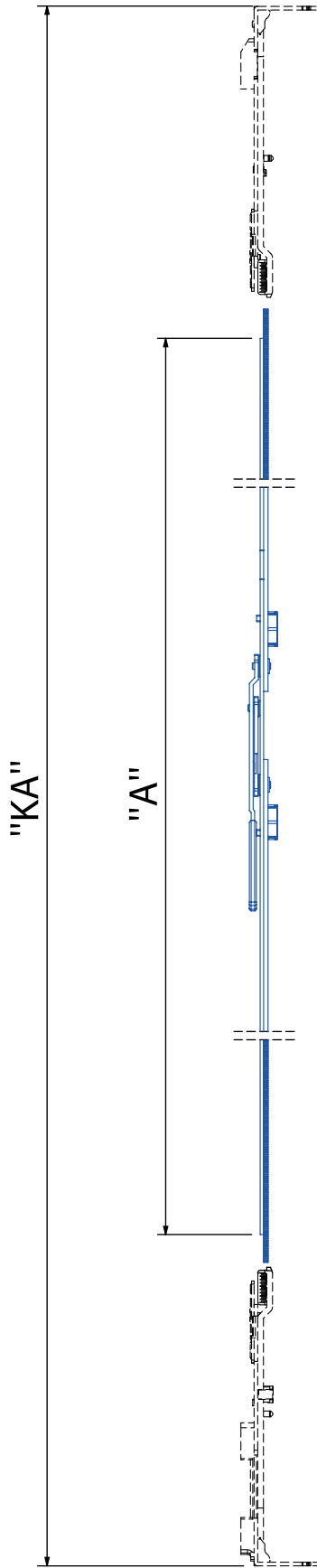


KAPI VE PENCERE SİSTEMLERİ

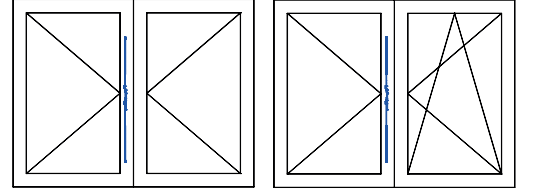
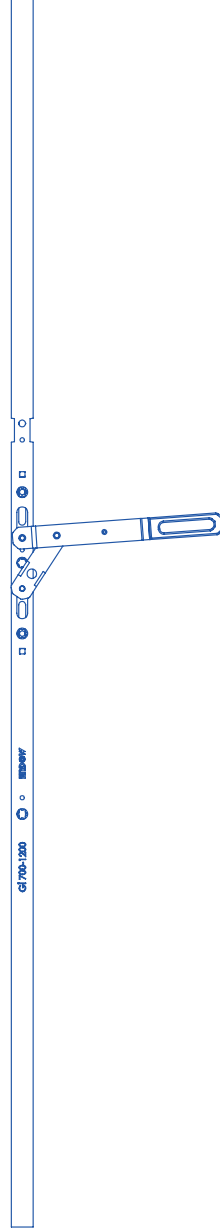
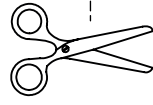
11

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ÇİFT KANAT
İSPANYOLETLERİ



KESME İŞLEMİ KOL AÇIK
KONUMDAYKEN YAPILMALIDIR.



 ÜRÜN KODU	 'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)			
GISP 18-01	510-700	403	-	3	10
GISP 18-02	700-1200	903	1	5	10
GISP 18-03	900-1400	1103	1	5	10
GISP 18-04	1200-1700	1403	2	7	10
GISP 18-05	1700-2200	1903	2	7	10

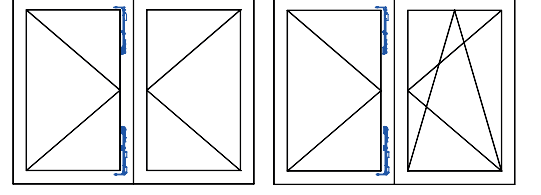


KAPI VE PENCERE SİSTEMLERİ

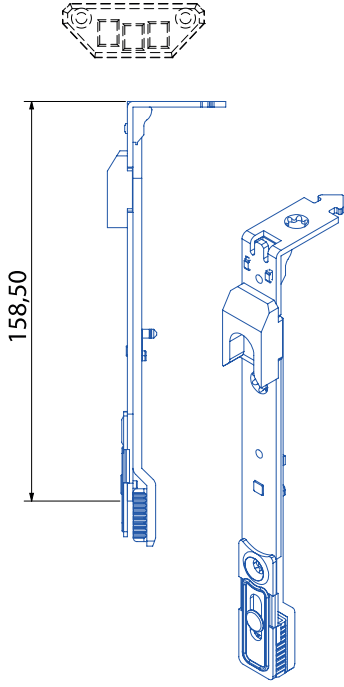
12

12

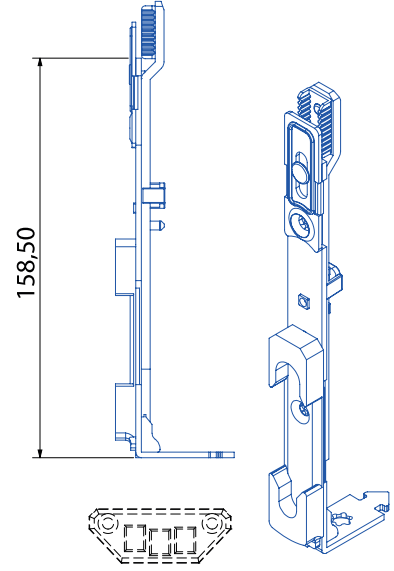
ÇİFT KANAT
SÜRGÜLERİ VE
SÜRGÜ KARŞILIKLARI



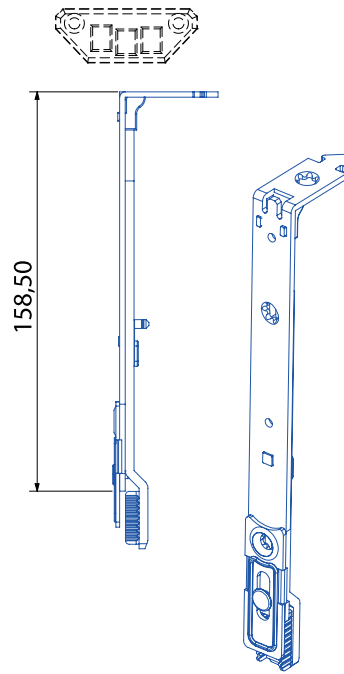
SU 20-01



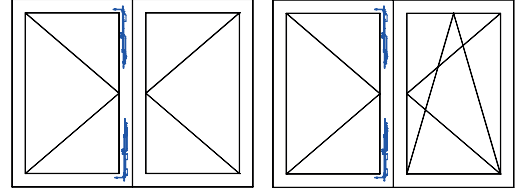
SA 19-01



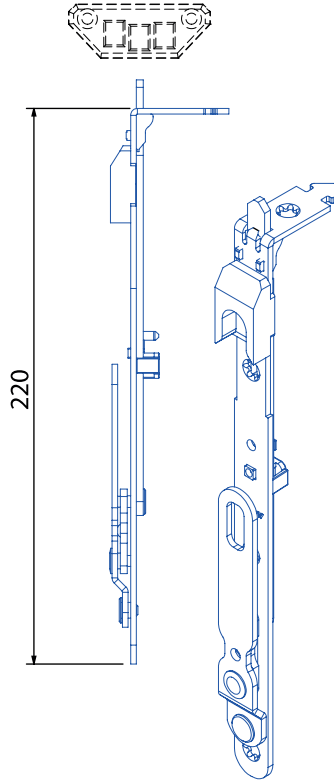
SU 20-02



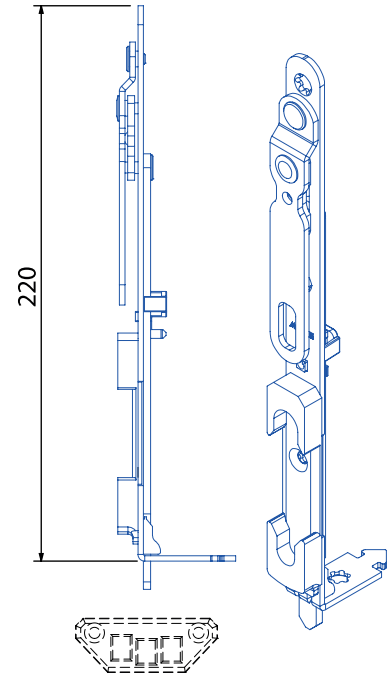
 ÜRÜN KODU	AÇIKLAMA			
SA 19-01	ÇİFT KANAT İSPANYOLET SÜRGÜ ALT	1	3	100
SU 20-01	ÇİFT KANAT İSPANYOLET SÜRGÜ ÜST	1	3	100
SU 20-02	ÇİFT KANAT İSPANYOLET SÜRGÜ ZAMAKSIZ	1	3	100



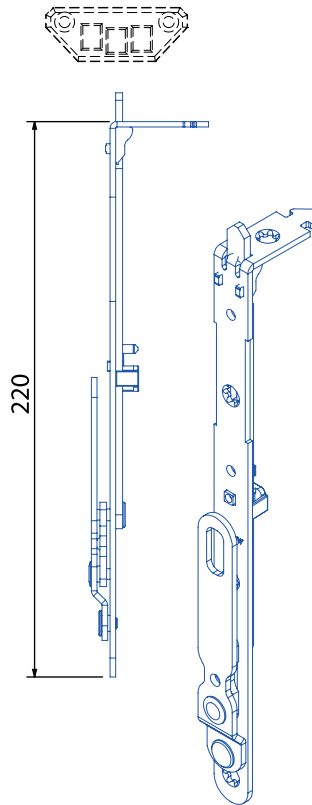
LKSU 30-01



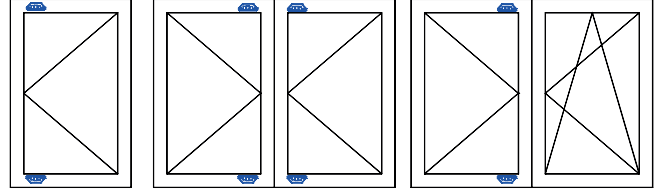
LKSA 29-01



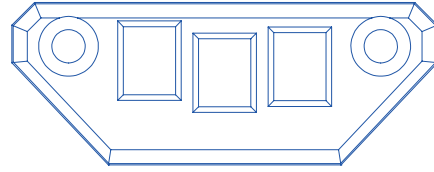
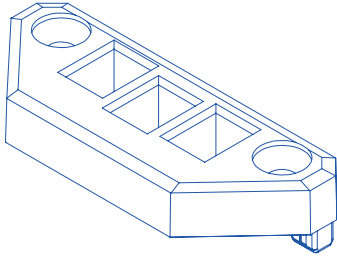
LKSU 30-02



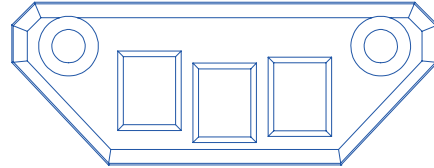
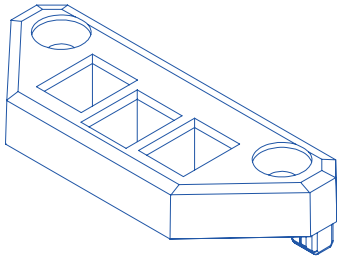
 ÜRÜN KODU	AÇIKLAMA			
LKSA 29-01	MANUEL ÇİFT KANAT SÜRGÜ ALT	1	4	100
LKSU 30-01	MANUEL ÇİFT KANAT SÜRGÜ ÜST	1	4	100
LKSU 30-02	MANUEL ÇİFT KANAT SÜRGÜ ÜST ZAMAKSIZ	1	4	100



KA 24-01



KA 24-02



 ÜRÜN KODU	ÜRÜN	AKS (mm)		
KA 24-01	LEVYE KOL KARŞILIK	9	2	100
KA 24-02	LEVYE KOL KARŞILIK	13	2	100

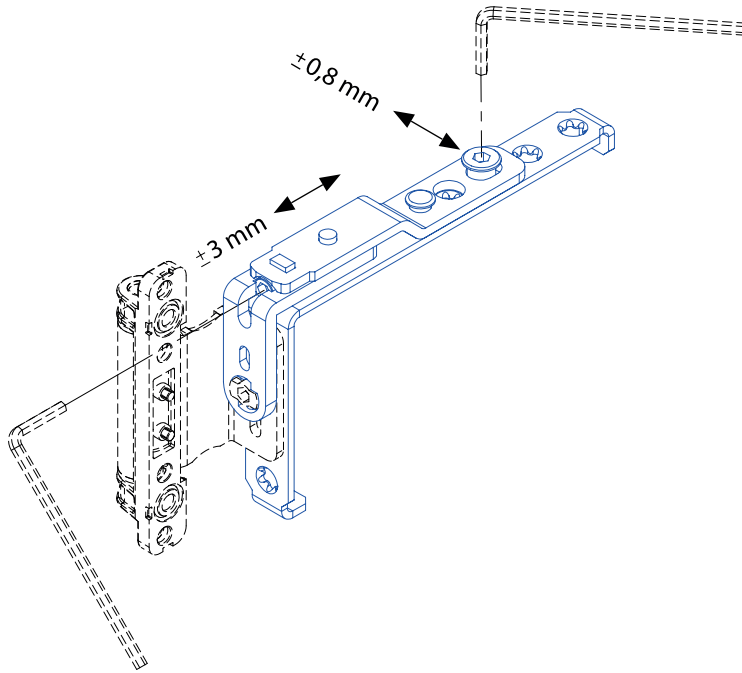
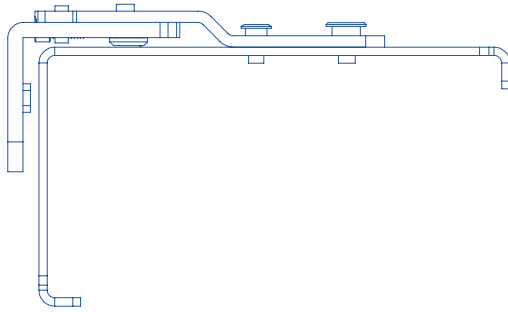
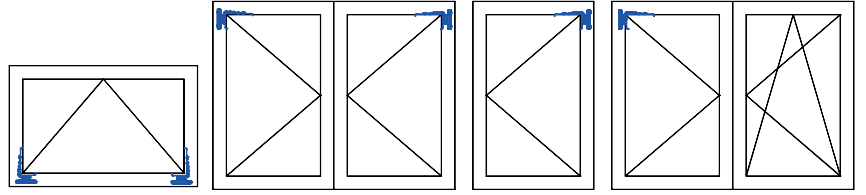


KAPI VE PENCERE SİSTEMLERİ

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13

TEK AÇILIM
ÜST MENTEŞE



 ÜRÜN KODU	ÜRÜN		
TUM 21-01	TEK AÇILIM ÜST MENTEŞE	4	100

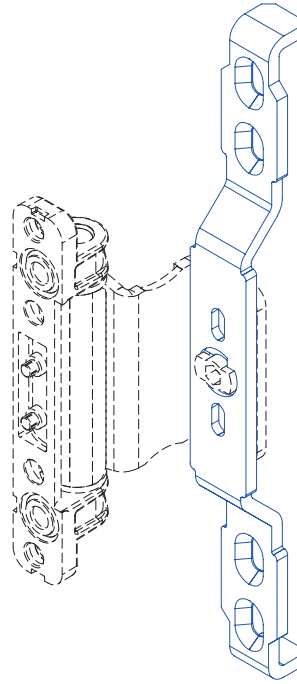
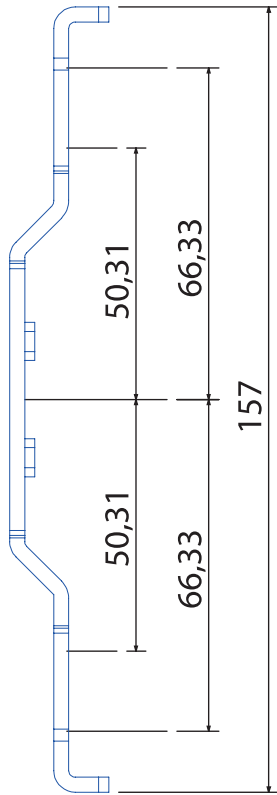
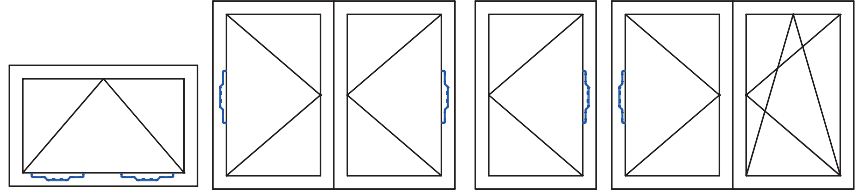


KAPI VE PENCERE SİSTEMLERİ

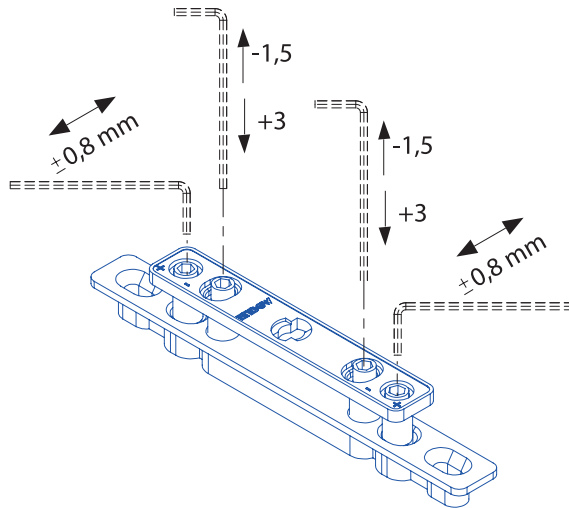
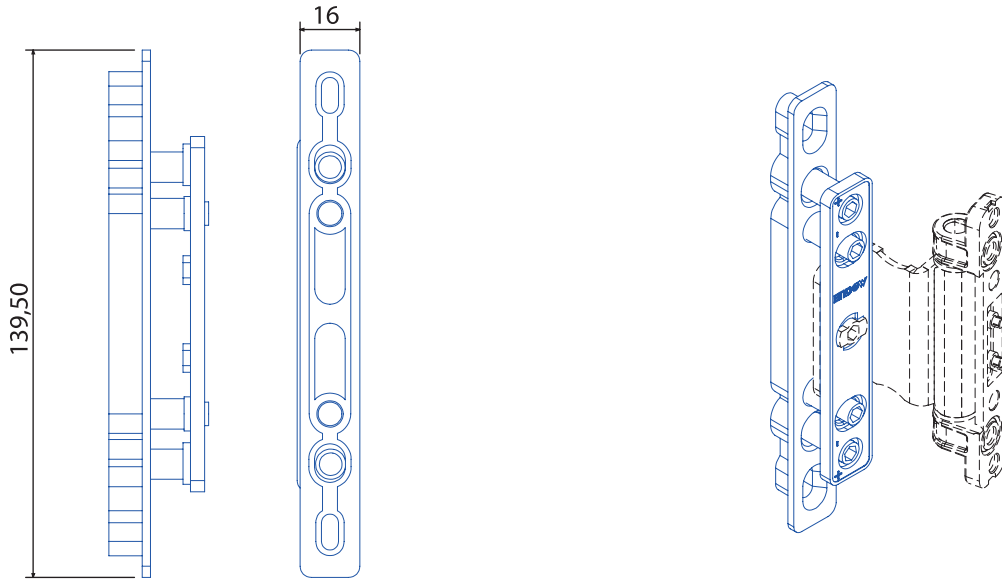
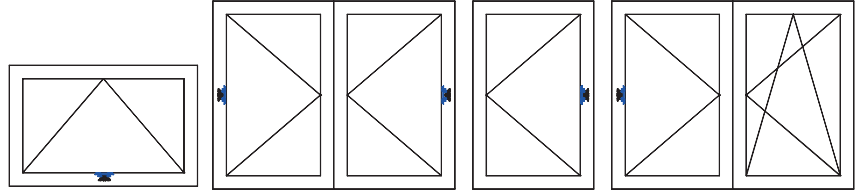
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14

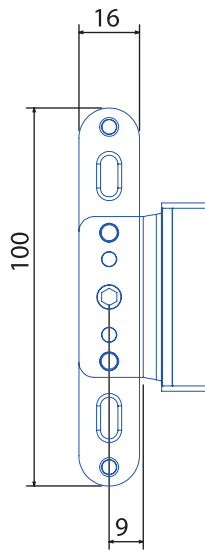
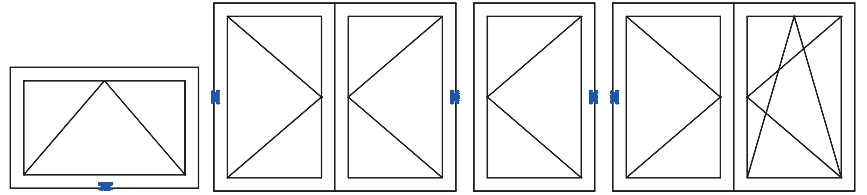
ORTA MENTEŞELER
VE KAPAKLARI



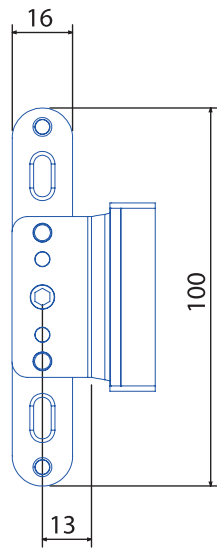
 ÜRÜN KODU	ÜRÜN		
TUM 21-02	TEK AÇILIM ORTA MENTEŞE	4	100



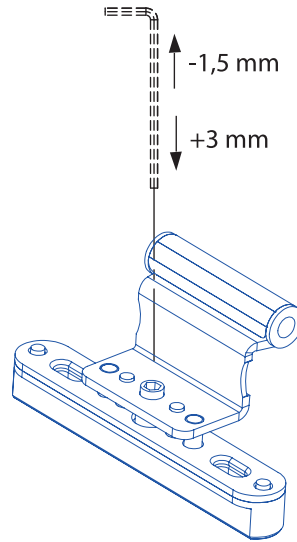
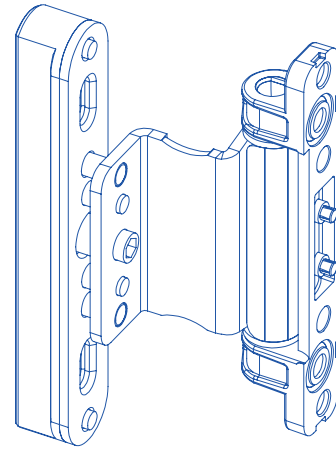
ÜRÜN KODU	ÜRÜN		
TUM 21-07	TEK AÇILIM AYARLI ORTA MENTEŞE 3D	2	100



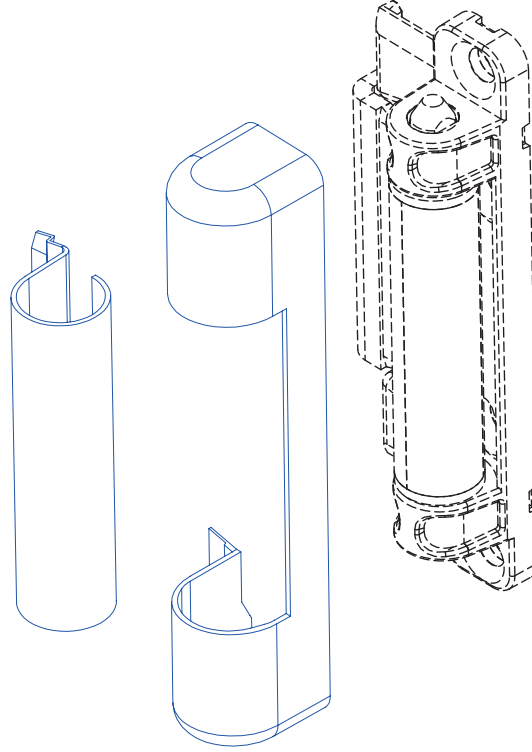
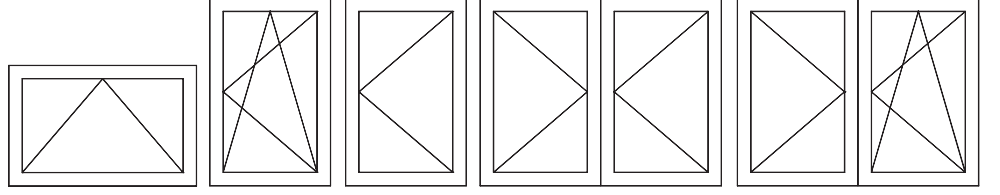
TUM 21-08



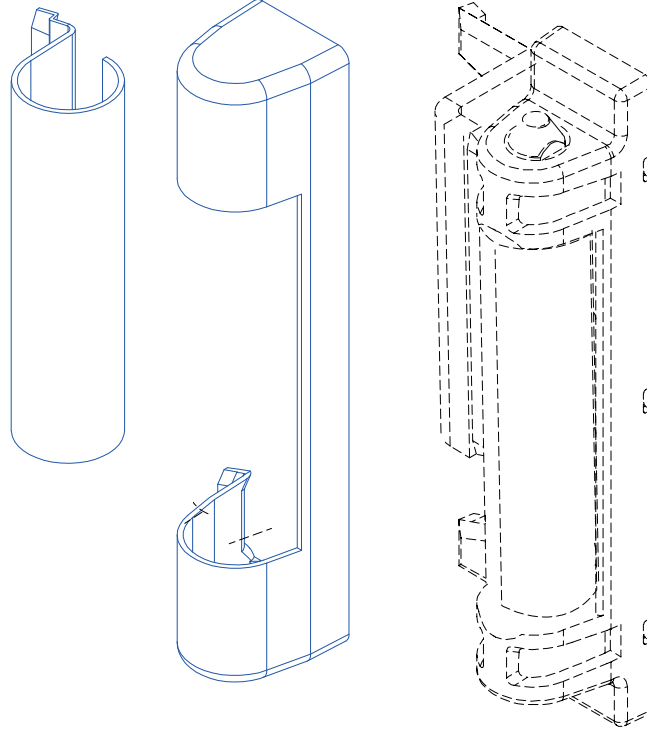
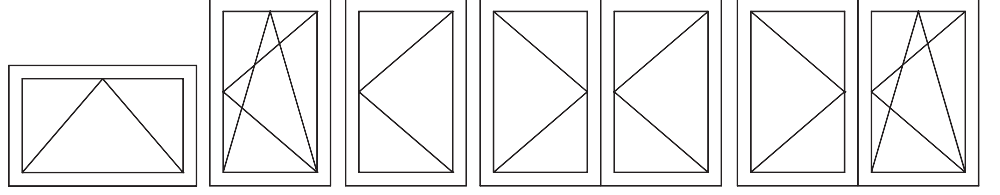
TUM 21-09



 ÜRÜN KODU	ÜRÜN	AKS (mm)		
TUM 21-08	TEK AÇILIM AYARLI 2D MENTESE	9	2	100
TUM 21-09	TEK AÇILIM AYARLI 2D MENTESE	13	2	100



 ÜRÜN KODU	ÜRÜN	RENK	
TUPLK 31-01	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	BEYAZ-RAL 9016	100
TUPLK 31-02	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	KAHVE-RAL 8017	100
TUPLK 31-03	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	AÇIK KAHVE-RAL 8003	100
TUPLK 31-04	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	KOYU KAHVE-RAL 8019	100
TUPLK 31-05	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	SİYAH-RAL 8022	100
TUPLK 31-06	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	GRİ-RAL 9006	100
TUPLK 31-07	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	ŞAMPANYA	100
TUPLK 31-08	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	BRONZ	100
TUPLK 31-09	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	GÜMÜŞ	100
TUPLK 31-10	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	TİTAN	100



 ÜRÜN KODU	ÜRÜN	RENK	
TUPLK 23-01	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	BEYAZ-RAL 9016	100
TUPLK 23-02	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	KAHVE-RAL 8017	100
TUPLK 23-03	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	AÇIK KAHVE-RAL 8003	100
TUPLK 23-04	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	KOYU KAHVE-RAL 8019	100
TUPLK 23-05	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	SİYAH-RAL 8022	100
TUPLK 23-06	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	GRİ-RAL 9006	100
TUPLK 23-07	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	ŞAMPANYA	100
TUPLK 23-08	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	BRONZ	100
TUPLK 23-09	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	GÜMÜŞ	100
TUPLK 23-10	TA ÜST MENTEŞE PLASTİK KAPAK TAKIMI	TİTAN	100

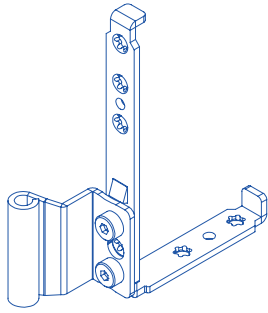
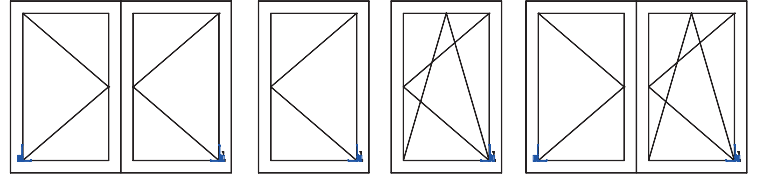


KAPI VE PENCERE SİSTEMLERİ

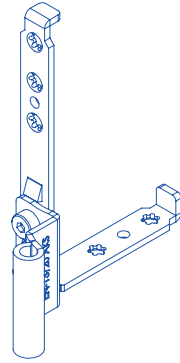
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15

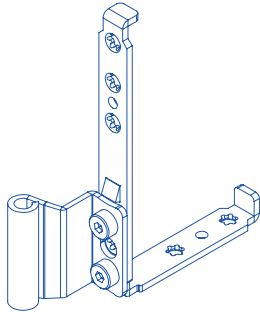
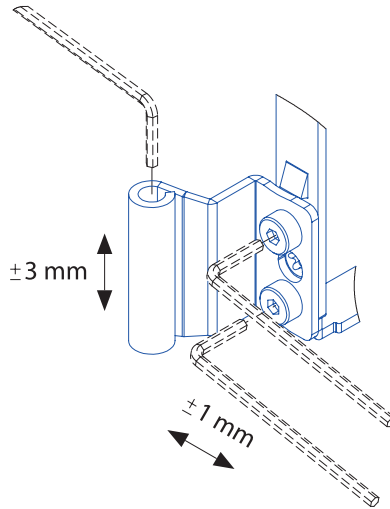
KÖŞE KANAT ALT
MENTEŞE VE KAPAKLARI



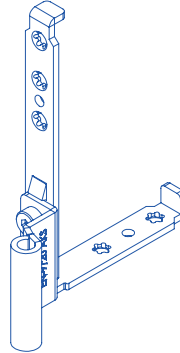
TUM 21-03



TUM 21-04

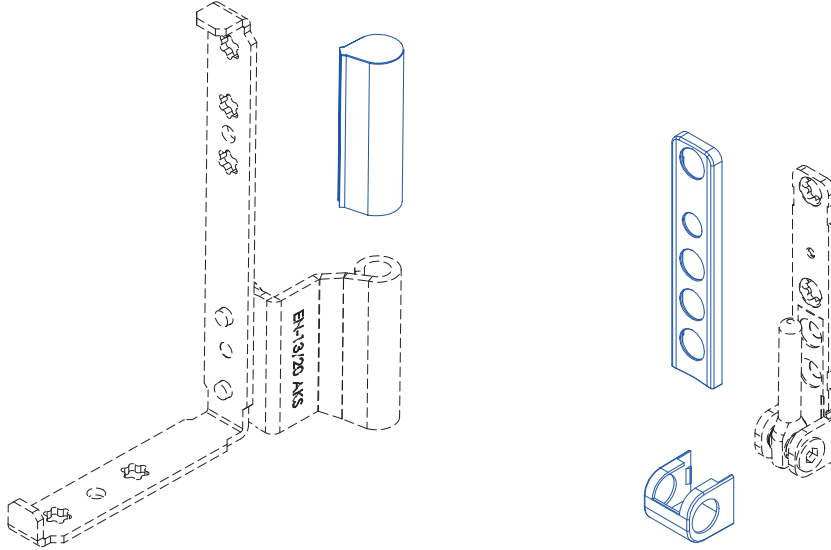
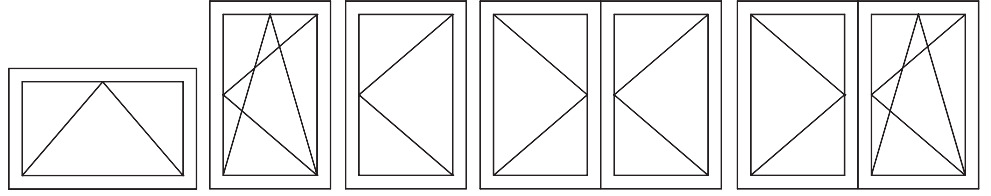


TUM 21-05

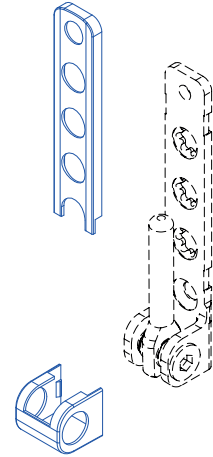
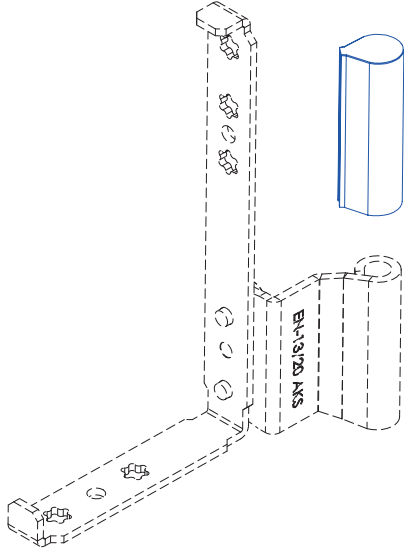
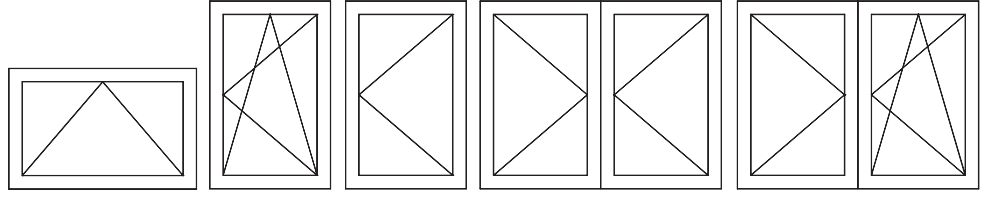


TUM 21-06

 ÜRÜN KODU	ÜRÜN	AÇIKLAMA	KANAT BİNİ GENİŞLİĞİ (mm)		
TUM 21-03	KÖŞE KANAT ALT MENTEŞE	SAĞ 13 AKS	20 mm	5	100
TUM 21-04	KÖŞE KANAT ALT MENTEŞE	SOL 13 AKS	20 mm	5	100
TUM 21-05	KÖŞE KANAT ALT MENTEŞE	SAĞ 9 AKS	20 mm	5	100
TUM 21-06	KÖŞE KANAT ALT MENTEŞE	SOL 9 AKS	20 mm	5	100



 ÜRÜN KODU	ÜRÜN	RENK	
KKPLK 28-01	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	BEYAZ-RAL 9016	100
KKPLK 28-02	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	KAHVE-RAL 8017	100
KKPLK 28-03	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	AÇIK KAHVE-RAL 8003	100
KKPLK 28-04	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	KOYU KAHVE-RAL 8019	100
KKPLK 28-05	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	SİYAH-RAL 8022	100
KKPLK 28-06	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	GRİ-RAL 9006	100
KKPLK 28-07	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	ŞAMPANYA	100
KKPLK 28-08	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	BRONZ	100
KKPLK 28-09	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	GÜMÜŞ	100
KKPLK 28-10	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	TİTAN	100



 ÜRÜN KODU	ÜRÜN	RENK	
KKPLK 82-01	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	BEYAZ-RAL 9016	100
KKPLK 82-02	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	KAHVE-RAL 8017	100
KKPLK 82-03	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	AÇIK KAHVE-RAL 8003	100
KKPLK 82-04	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	KOYU KAHVE-RAL 8019	100
KKPLK 82-05	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	SİYAH-RAL 8022	100
KKPLK 82-06	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	GRİ-RAL 9006	100
KKPLK 82-07	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	ŞAMPANYA	100
KKPLK 82-08	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	BRONZ	100
KKPLK 82-09	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	GÜMÜŞ	100
KKPLK 82-10	KÖŞE KANAT ALT MENTEŞE PLASTİK KAPAK TAKIMI	TİTAN	100

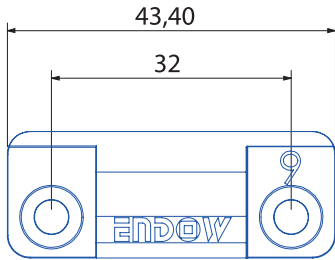
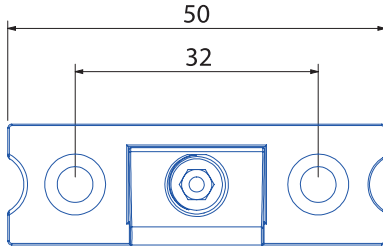
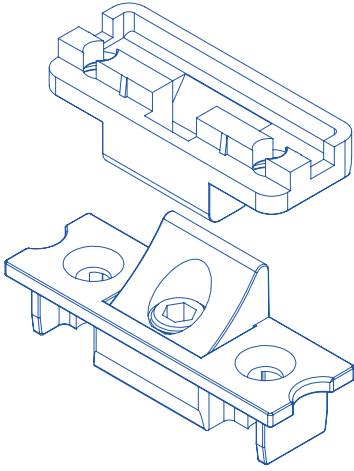
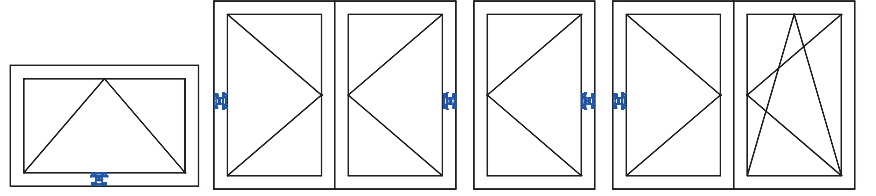


KAPI VE PENCERE SİSTEMLERİ

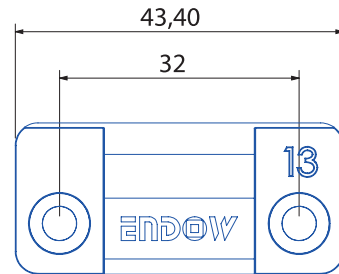
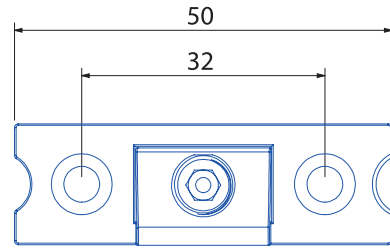
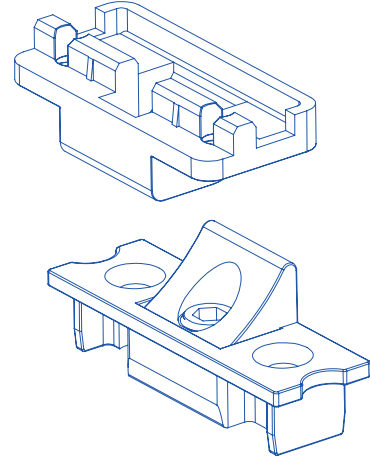
16

16

GİZLİ
ORTA BASKILAR

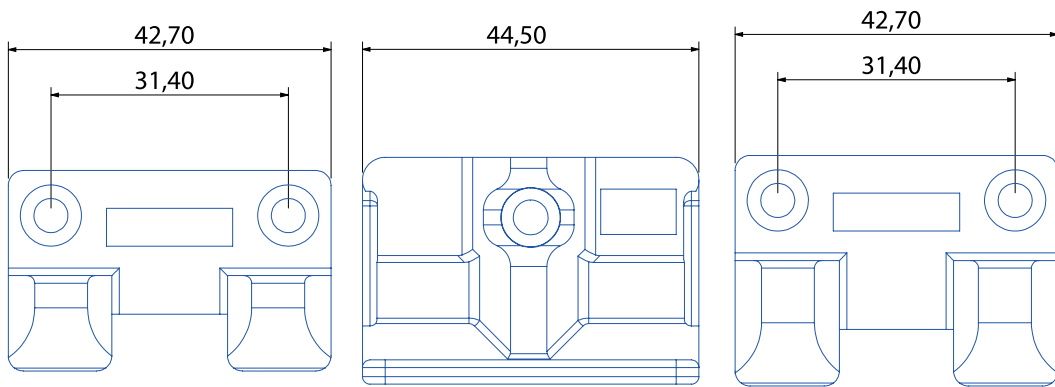
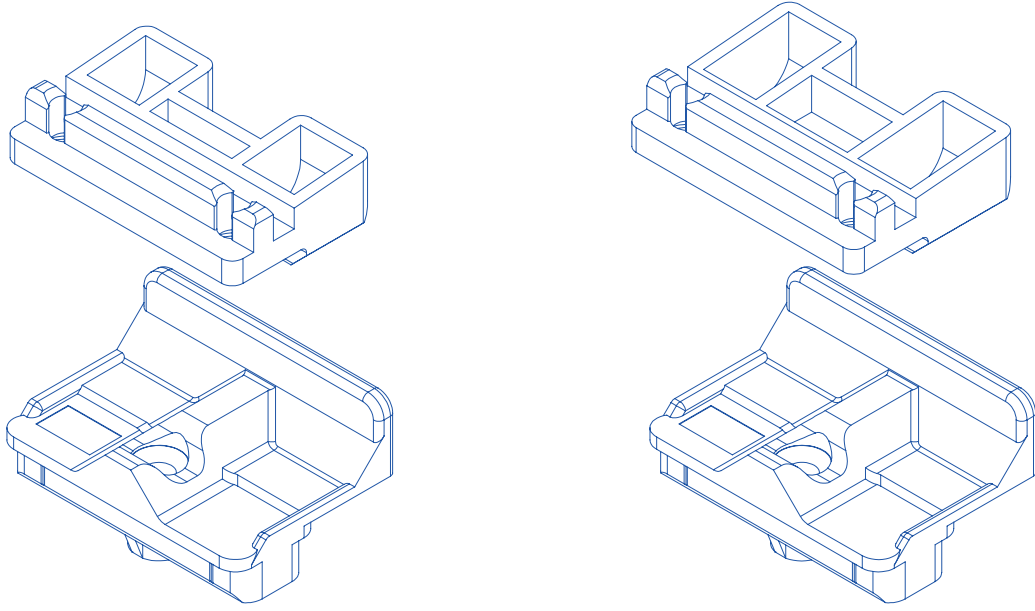
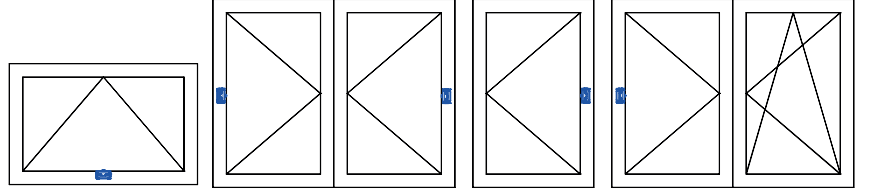


GBA 34-01

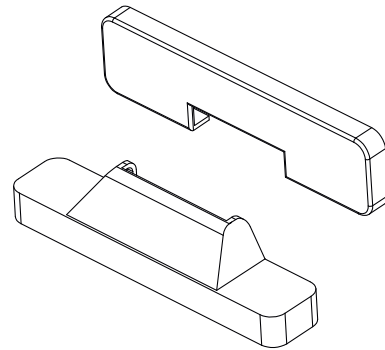
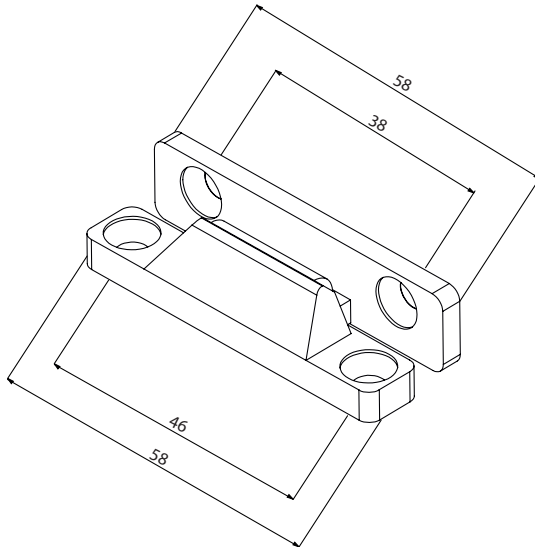
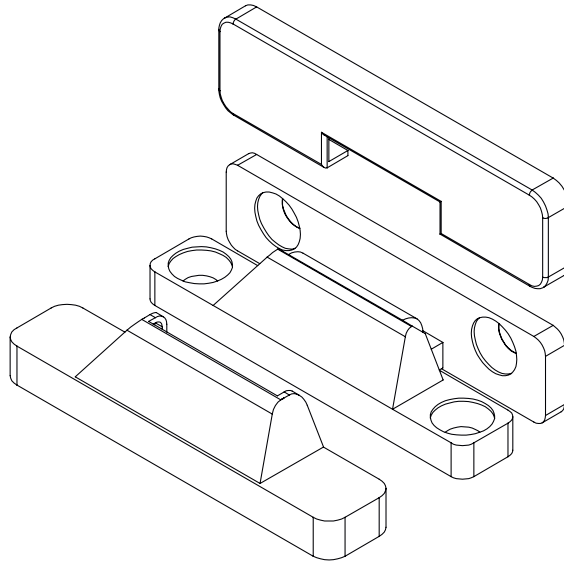
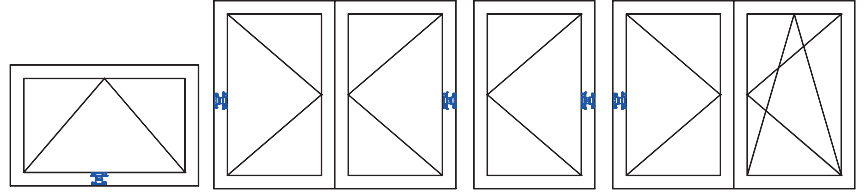


GBA 34-02

 ÜRÜN KODU	ÜRÜN	AKS (mm)		
GBA 34-01	GİZLİ ORTA BASKI AYARLI	9	4	100
GBA 34-02	GİZLİ ORTA BASKI AYARLI	13	4	100



 ÜRÜN KODU	ÜRÜN		
KOB 26-01	KANAT ORTA BASKI 9 AKS	3	100
KOB 26-02	KANAT ORTA BASKI 13 AKS	3	100



	ÜRÜN KODU	ÜRÜN	AKS (mm)		
	OBM 35-01	ORTA BASKI MENTEŞE (KAPAKLI)	9 / 13	4	100

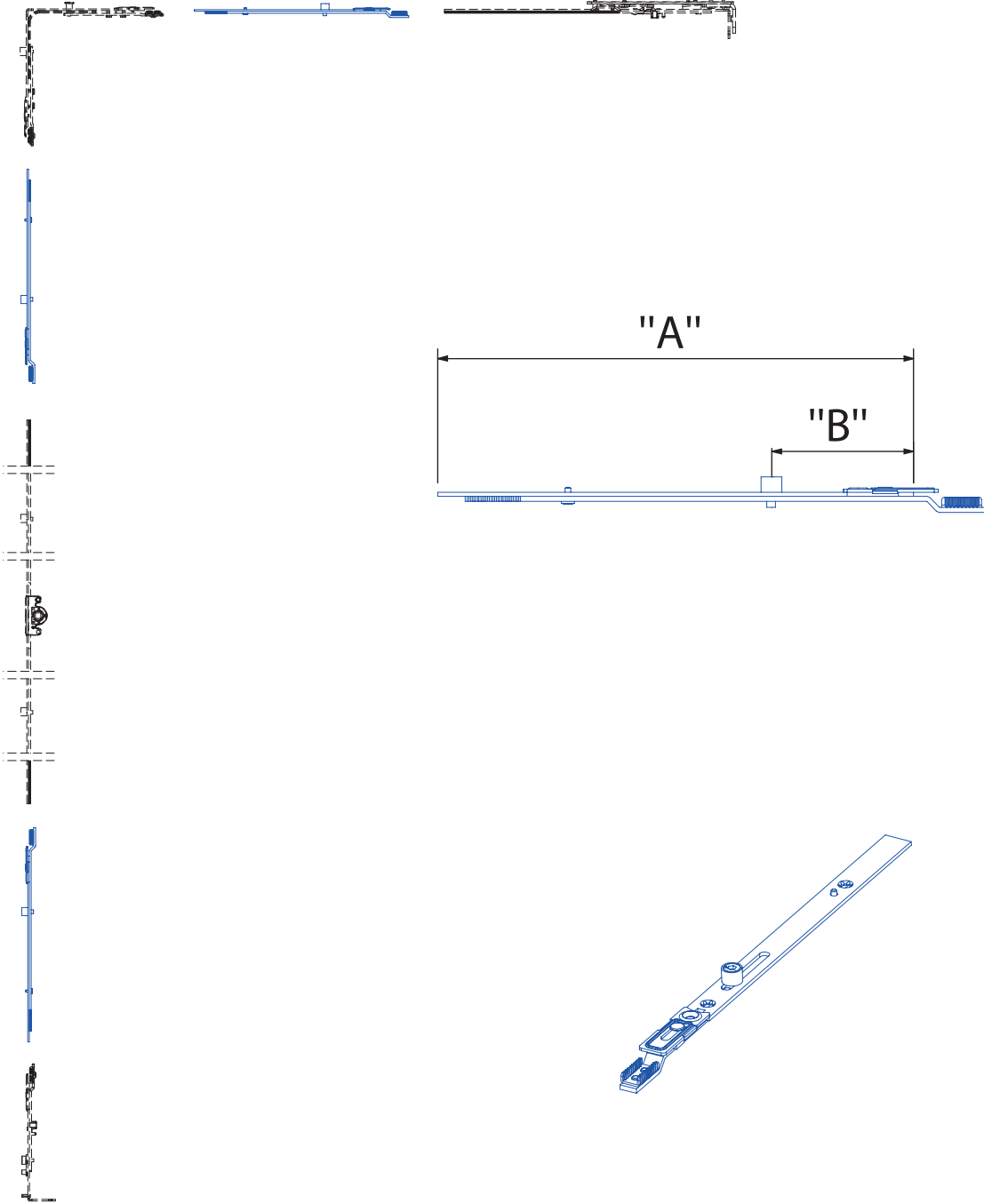
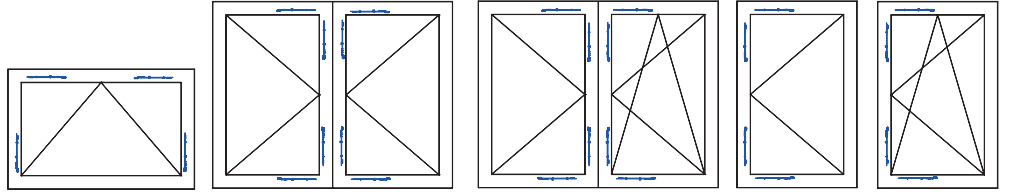


KAPI VE PENCERE SİSTEMLERİ

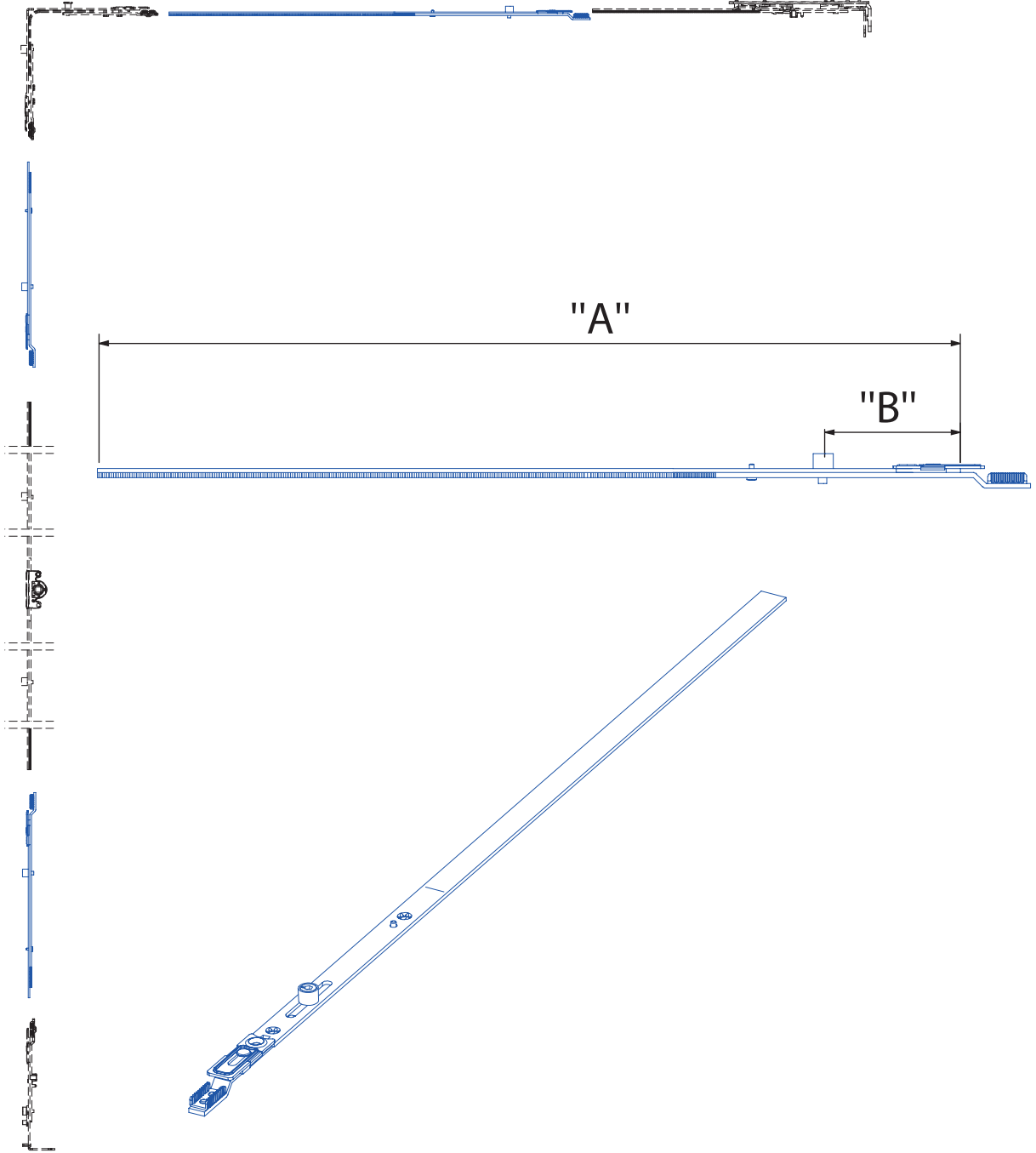
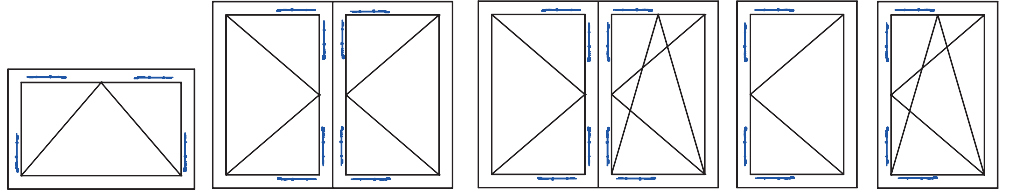
17

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İLAVE UZATMALAR



 ÜRÜN KODU	 'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)			
UP 27-01	250 mm	250	88	1	2	20



	ÜRÜN KODU		'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)			
	UP 27-02		150-400 mm	400	88	1	2	20

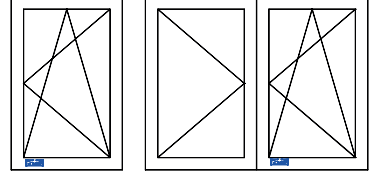


KAPI VE PENCERE SİSTEMLERİ

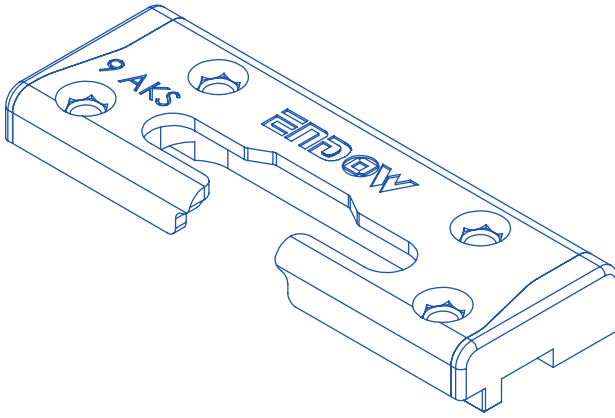
18

KANAT DEVİRME KARŞILIKLARI

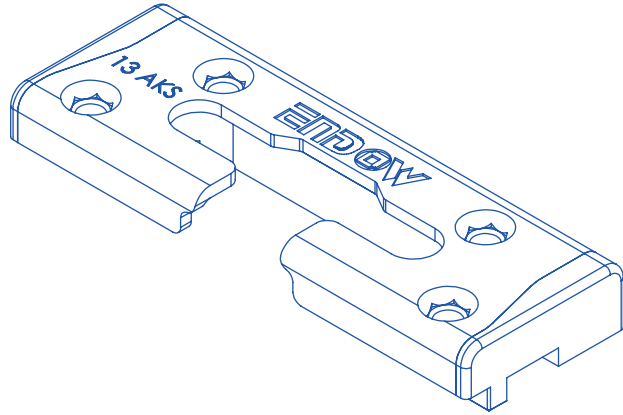
18



KDK 32-01



KDK 32-02



 ÜRÜN KODU	ÜRÜN	AKS (mm)		
KDK 32-01	KANAT DEVİRME KARŞILIK	9	4	100
KDK 32-02	KANAT DEVİRME KARŞILIK	13	4	100



KAPI VE PENCERE SİSTEMLERİ

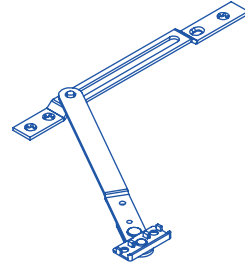
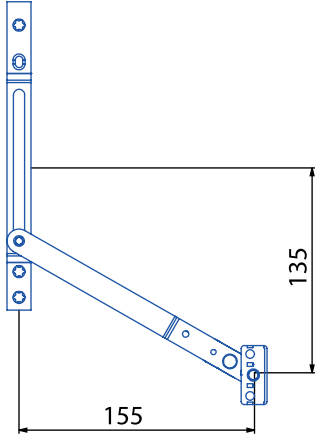
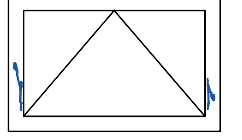
19

VASİSTAS MAKASLAR

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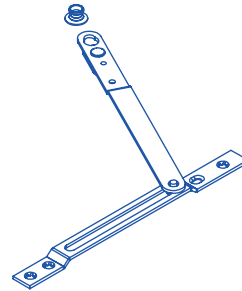
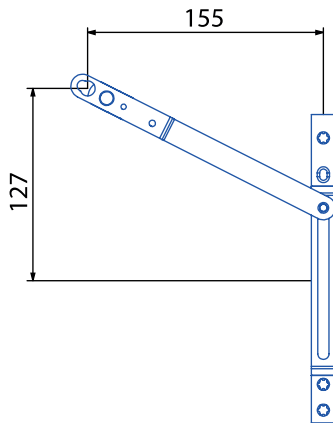
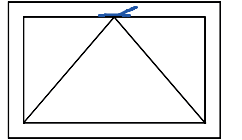
İSPANYOLET UYGULAMA

VSM 41-01



KASA UYGULAMA

VSM 41-02



 ÜRÜN KODU	ÜRÜN		
VSM 41-01	VASİSTAS MAKAS İSPANYOLET UYGULAMA	5	100
VSM 41-02	VASİSTAS MAKAS KASA UYGULAMA	5	100

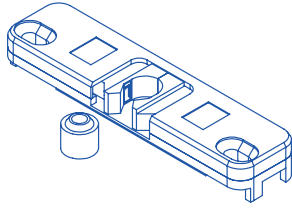


KAPI VE PENCERE SİSTEMLERİ

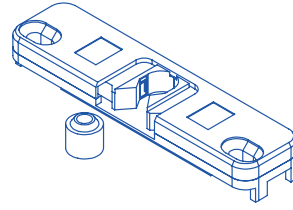
20

BALKON
KAPI ÇIT ÇITLARI

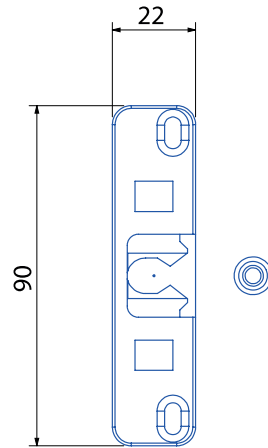
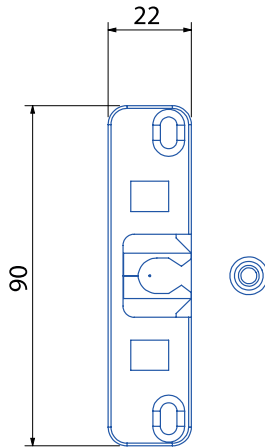
20



BKC 33-01



BKC 33-02



 ÜRÜN KODU	ÜRÜN	AKS (mm)		
BKC 33-01	BALKON KAPI ÇIT ÇİTİ	9	1	100
BKC 33-02	BALKON KAPI ÇIT ÇİTİ	13	2	100

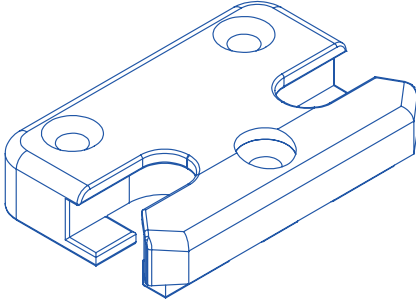
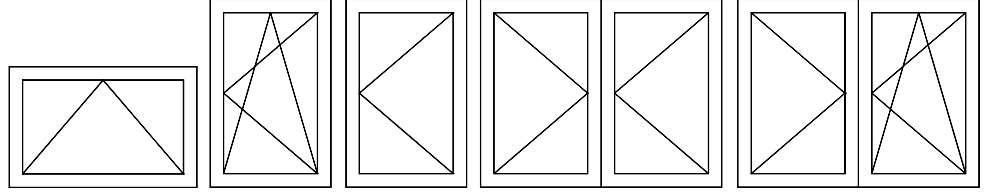


KAPI VE PENCERE SİSTEMLERİ

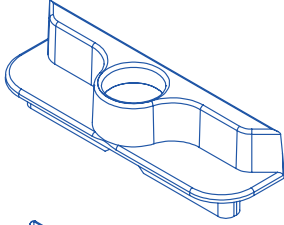
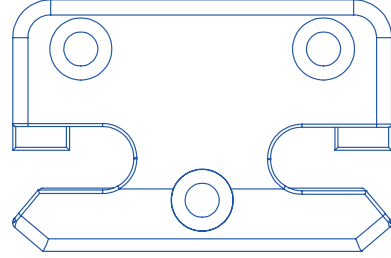
21

İSPANYOLET
KARŞILIKLARI

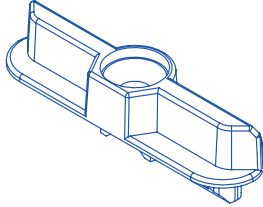
21



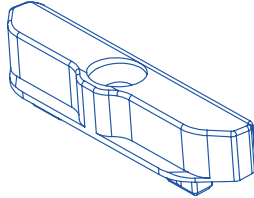
KA 26-02



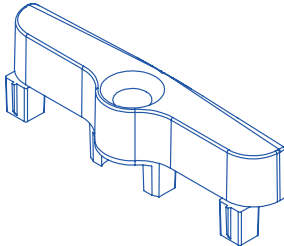
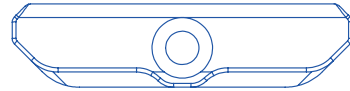
IZK 50-01



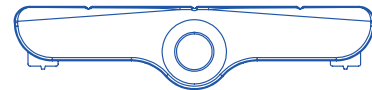
IZK 50-02



IZK 50-03



IZK 50-04



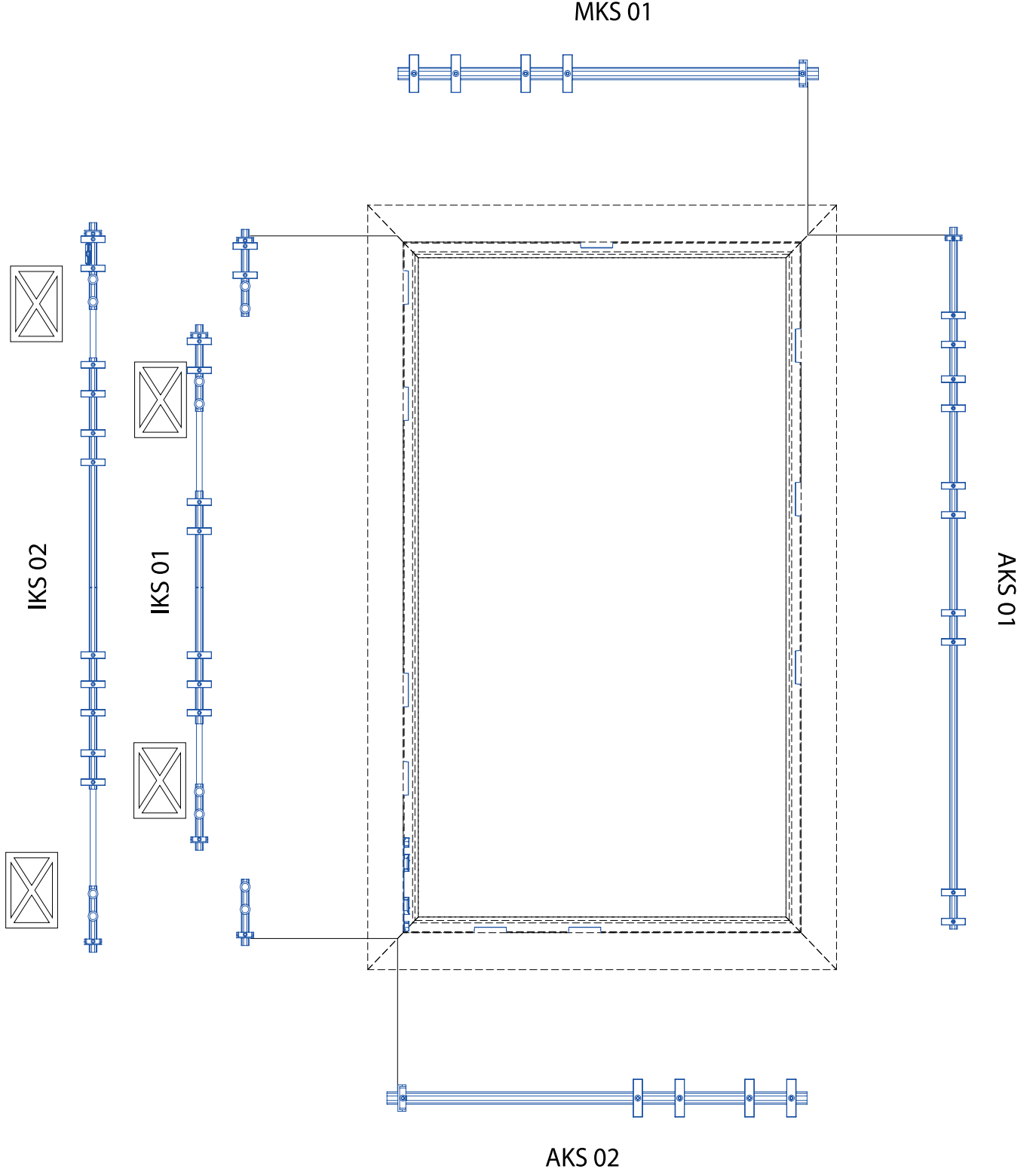
	ÜRÜN KODU	ÜRÜN	AKS (mm)		
	KA 26-02	EMNİYETLİ KARŞILIK	13	3	100
	IZK 50-01	İSPANYOLET KARŞILIĞI	9	1	1000
	IZK 50-02	İSPANYOLET KARŞILIĞI	13	1	1000
	IZK 50-03	İSPANYOLET KARŞILIĞI (EF PLAST)	13	1	1000
	IZK 50-04	İSPANYOLET KARŞILIĞI (WDS)	13	1	1000



KAPI VE PENCERE SİSTEMLERİ

22

KARŞILIK ŞABLONU



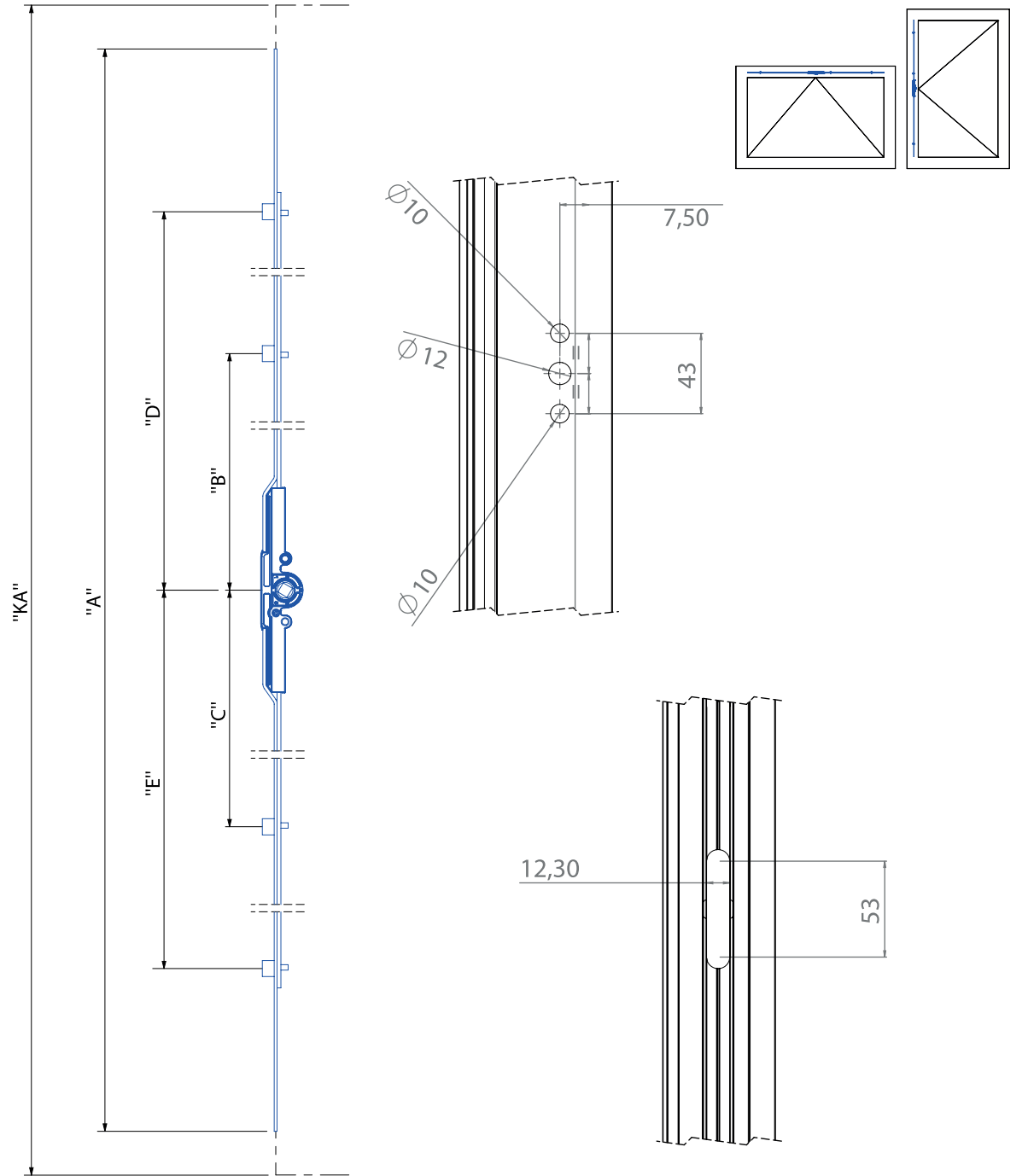
 ÜRÜN KODU	ÜRÜN ADI
IKS 01	ÇİFT AÇILIM İSPANYOLET KARŞILIK ŞABLONU
IKS 02	ÇİFT AÇILIM İSPANYOLET KARŞILIK ŞABLONU
MKS 01	ÇİFT AÇILIM MAKAS KARŞILIK ŞABLONU
AKS 01	ARKA KİLİTLEME ŞABLONU
AKS 02	ALT KİLİTLEME ŞABLONU



KAPI VE PENCERE SİSTEMLERİ

23

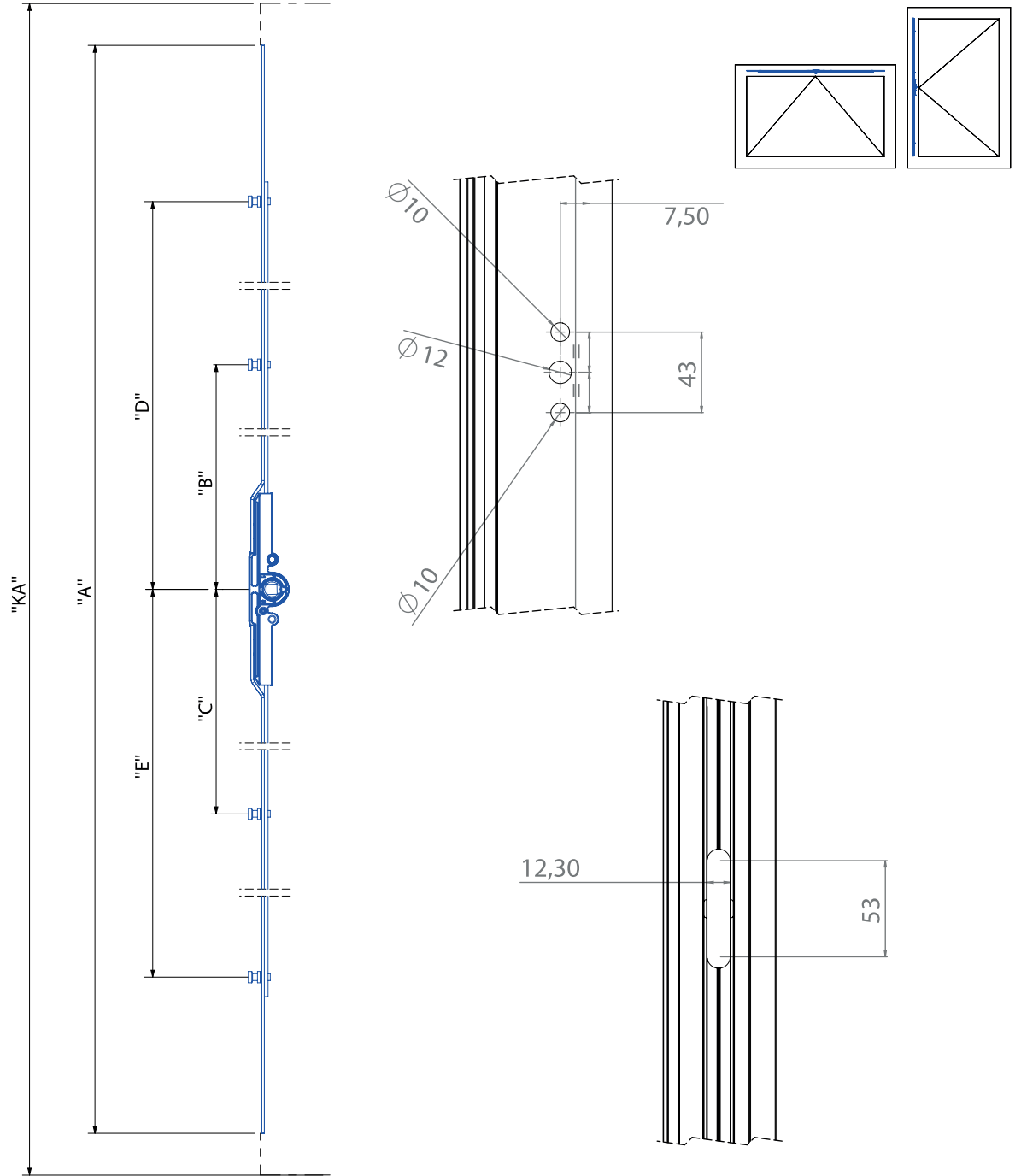
TEK AÇILIM
İSPANYOLETLERİ



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 75-01	300-400	300	88	88	-	-	2	4	20
TKA 75-02	400-600	400	138	138	-	-	2	4	20
TKA 75-03	600-800	600	238	238	-	-	2	6	20
TKA 75-04	800-1000	800	286	286	-	-	2	6	20
TKA 75-05	1000-1200	1000	386	386	129	-	3	9	20
TKA 75-06	1200-1400	1200	486	486	129	-	3	9	20
TKA 75-07	1400-1600	1400	586	586	129	-	3	9	10
TKA 75-08	1600-1800	1600	686	686	265	265	4	11	10
TKA 75-09	1800-2000	1800	786	786	278	278	4	11	10
TKA 75-10	2000-2200	2000	886	886	313	313	4	14	10

TEK AÇILIM İSPANYOLET SÜRME

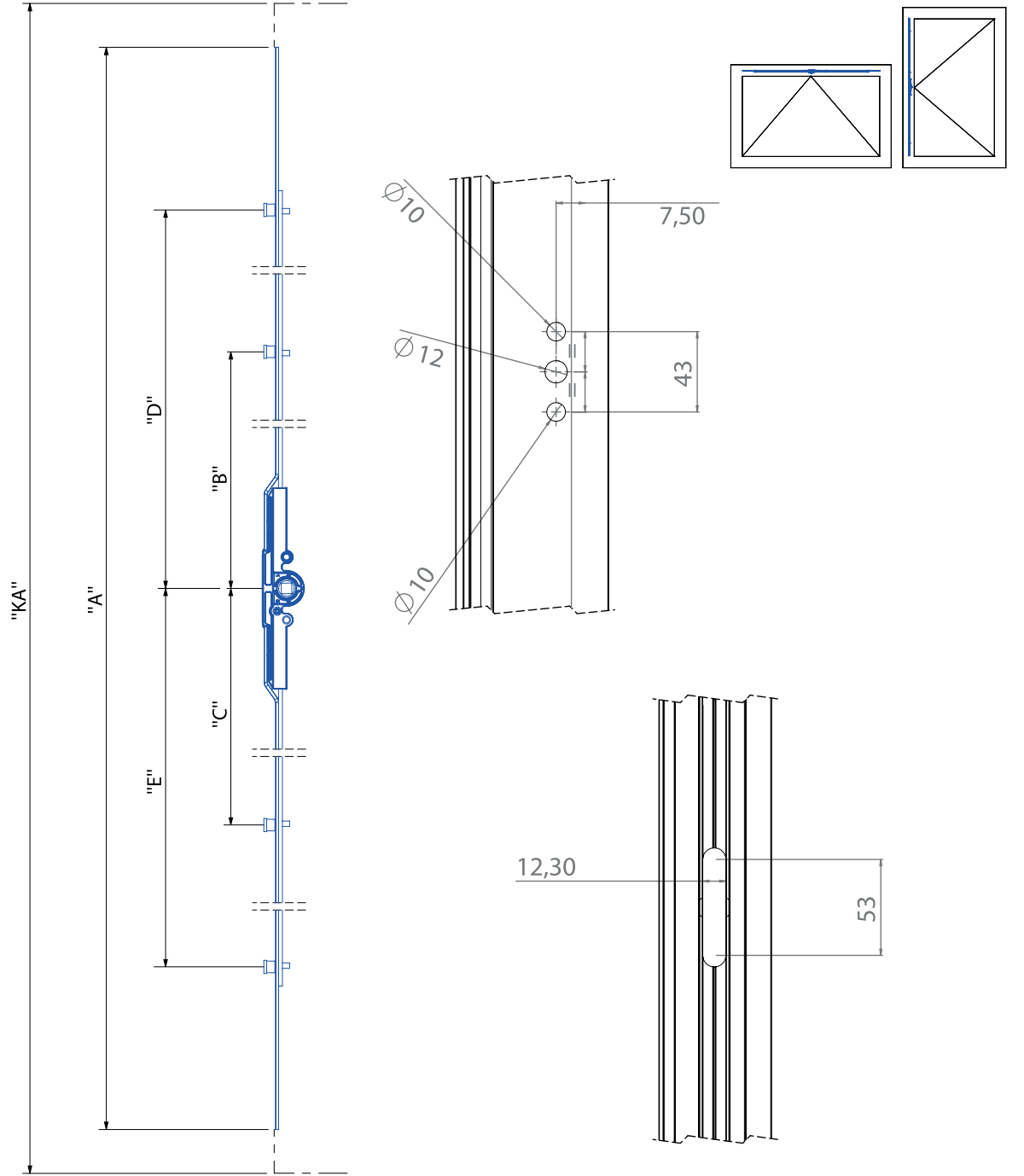
7,5 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 75-01 S	300-400	300	88	88	-	-	2	4	20
TKA 75-02 S	400-600	400	138	138	-	-	2	4	20
TKA 75-03 S	600-800	600	238	238	-	-	2	6	20
TKA 75-04 S	800-1000	800	286	286	-	-	2	6	20
TKA 75-05 S	1000-1200	1000	386	386	129	-	3	9	20
TKA 75-06 S	1200-1400	1200	486	486	129	-	3	9	20
TKA 75-07 S	1400-1600	1400	586	586	129	-	3	9	10
TKA 75-08 S	1600-1800	1600	686	686	265	265	4	11	10
TKA 75-09 S	1800-2000	1800	786	786	278	278	4	11	10
TKA 75-10 S	2000-2200	2000	886	886	313	313	4	14	10

TEK AÇILIM İSPANYOLET EMNİYETLİ

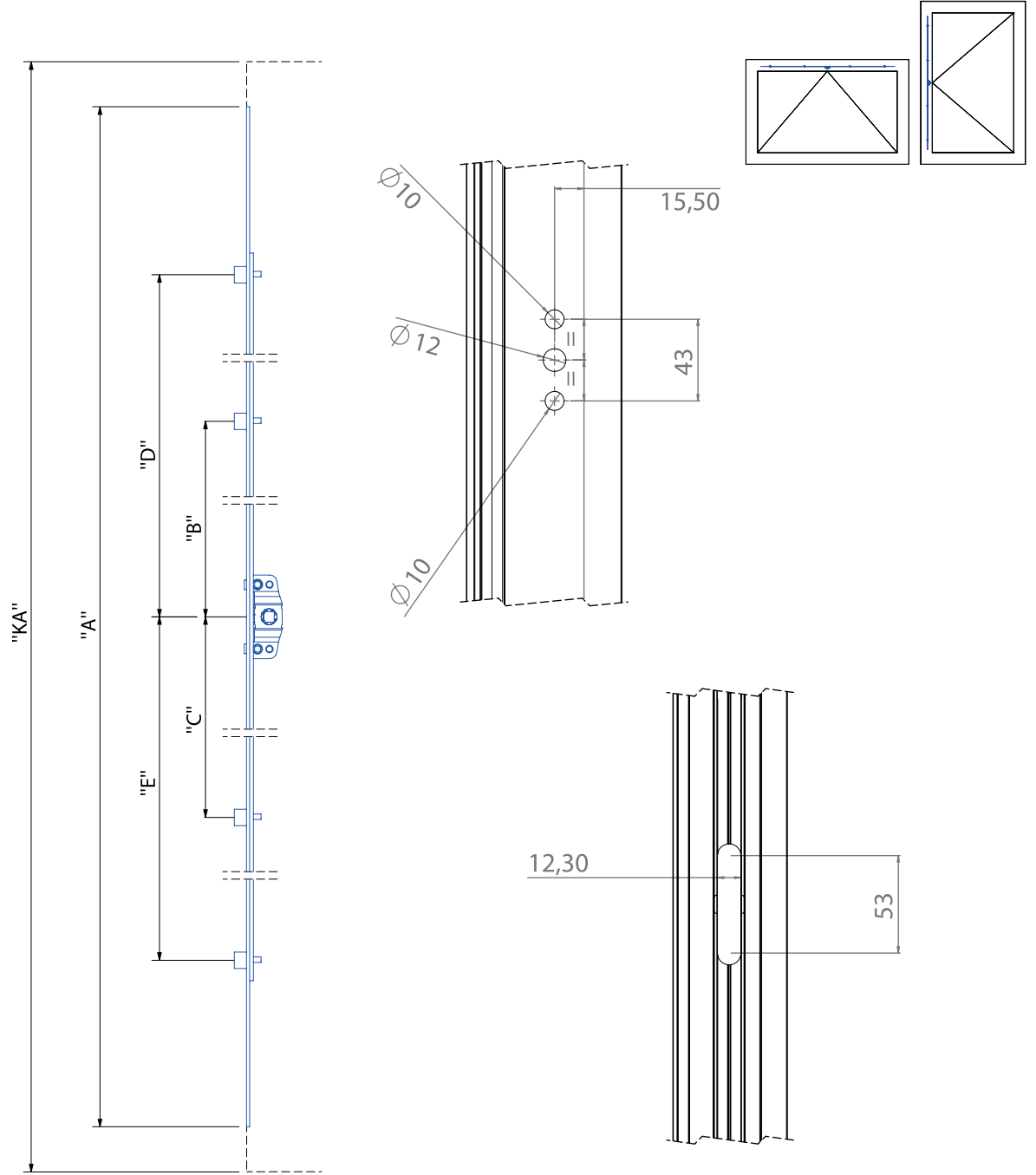
7,5 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 75-01 SC	300-400	300	88	88	-	-	2	4	20
TKA 75-02 SC	400-600	400	138	138	-	-	2	4	20
TKA 75-03 SC	600-800	600	238	238	-	-	2	6	20
TKA 75-04 SC	800-1000	800	286	286	-	-	2	6	20
TKA 75-05 SC	1000-1200	1000	386	386	129	-	3	9	20
TKA 75-06 SC	1200-1400	1200	486	486	129	-	3	9	20
TKA 75-07 SC	1400-1600	1400	586	586	129	-	3	9	10
TKA 75-08 SC	1600-1800	1600	686	686	265	265	4	11	10
TKA 75-09 SC	1800-2000	1800	786	786	278	278	4	11	10
TKA 75-10 SC	2000-2200	2000	886	886	313	313	4	14	10

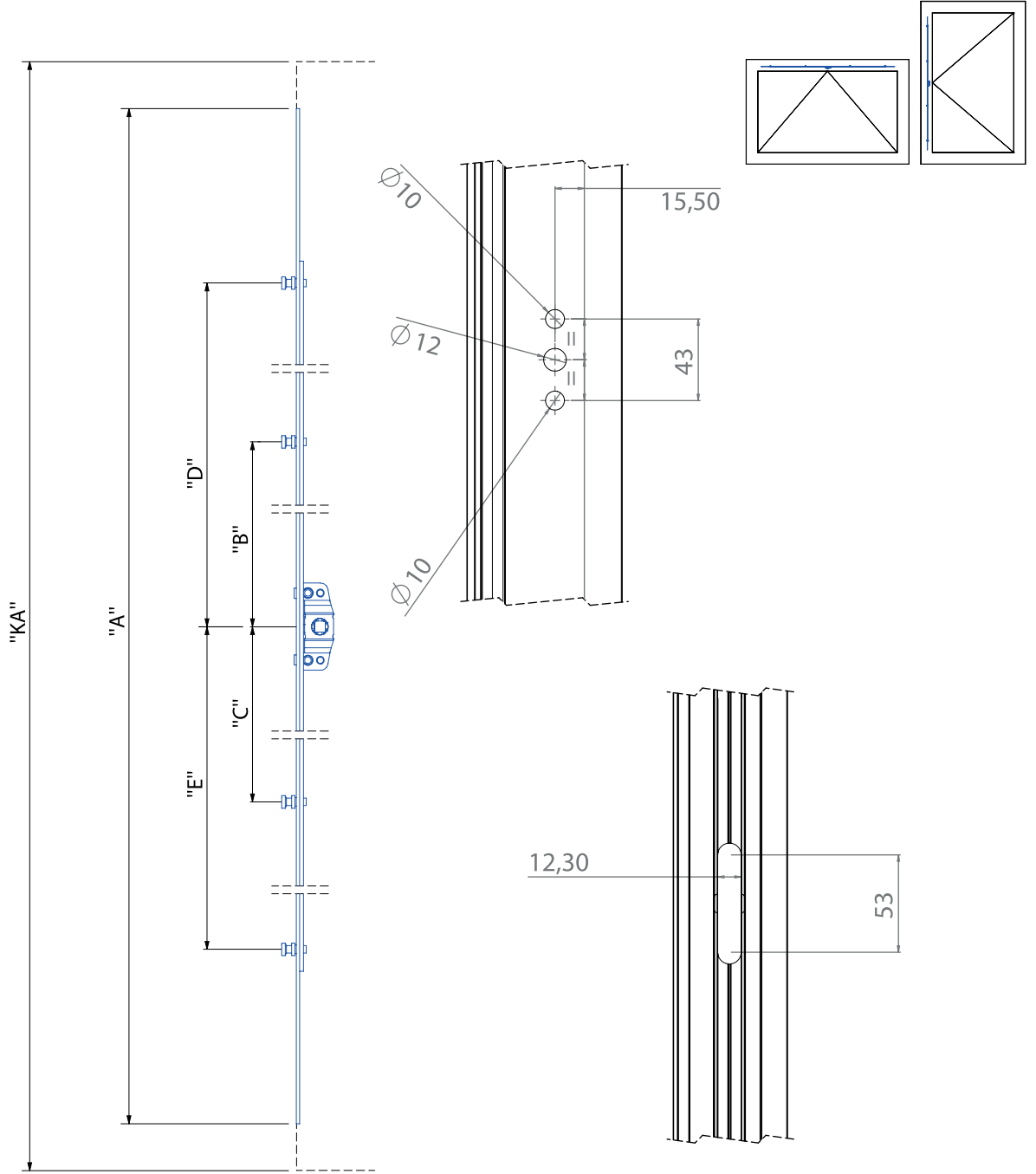
TEK AÇILIM İSPANYOLET

(SAC GÖVDE) 15,5 mm



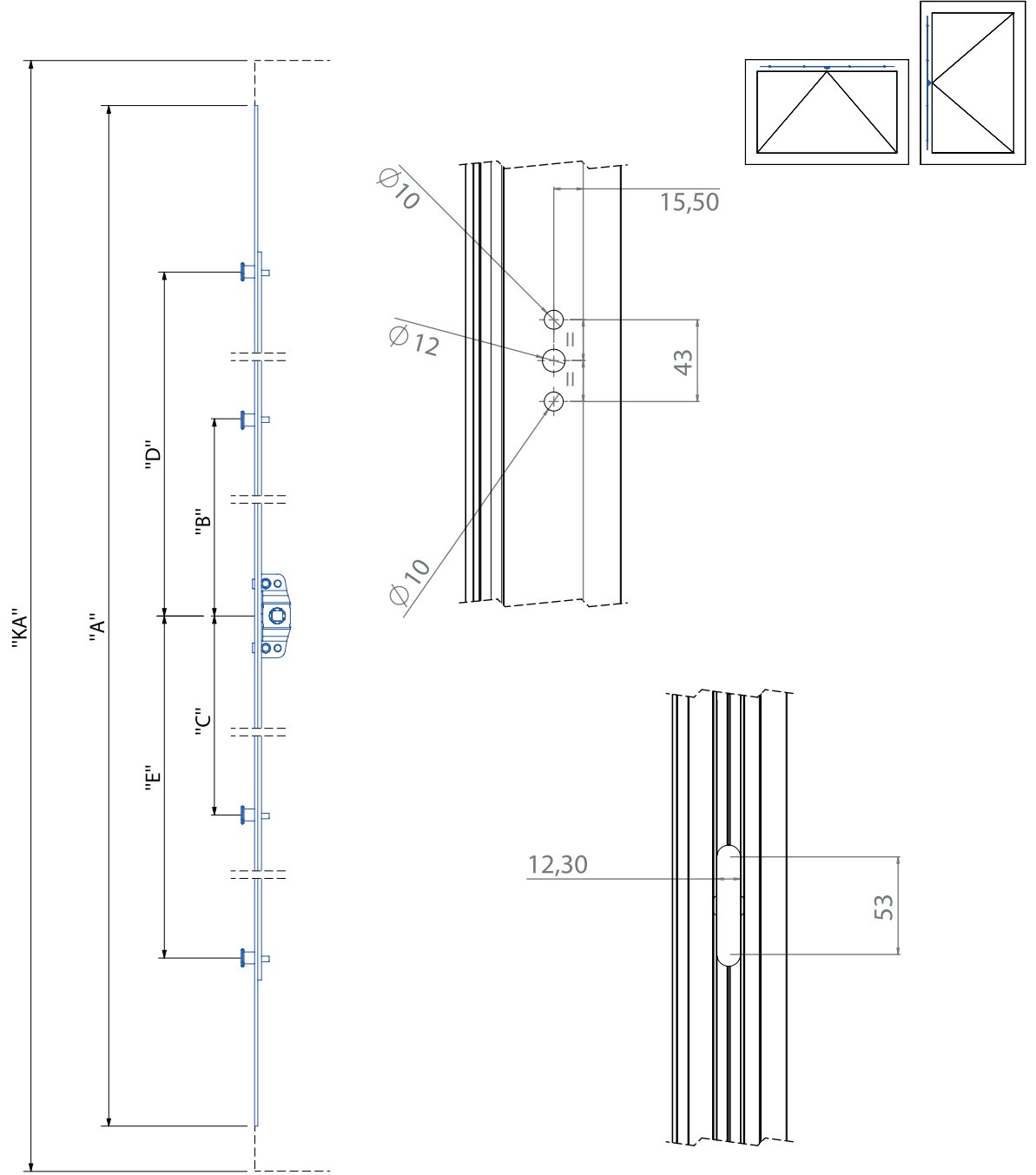
ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)	'E' (mm)			
TKA 37-01	300-400	300	88	88	-	-	2	4	10
TKA 37-02	400-600	400	138	138	-	-	2	4	10
TKA 37-03	600-800	600	238	238	-	-	2	6	10
TKA 37-04	800-1000	800	338	338	-	-	2	6	10
TKA 37-05	1000-1200	1000	438	438	129	-	3	9	10
TKA 37-06	1200-1400	1200	538	538	129	-	3	9	10
TKA 37-07	1400-1600	1400	638	638	129	-	3	9	10
TKA 37-08	1600-1800	1600	738	738	129	-	3	11	10
TKA 37-09	1800-2000	1800	838	838	129	-	3	11	10
TKA 37-10	2000-2200	2000	938	938	313	313	4	14	10

TEK AÇILIM İSPANYOLET SÜRME
(SAC GÖVDE) 15,5 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 37-01 S	300-400	300	88	88	-	-	2	4	10
TKA 37-02 S	400-600	400	138	138	-	-	2	4	10
TKA 37-03 S	600-800	600	238	238	-	-	2	6	10
TKA 37-04 S	800-1000	800	286	286	-	-	2	6	10
TKA 37-05 S	1000-1200	1000	386	386	129	-	3	9	10
TKA 37-06 S	1200-1400	1200	486	486	129	-	3	9	10
TKA 37-07 S	1400-1600	1400	586	586	129	-	3	9	10
TKA 37-08 S	1600-1800	1600	686	686	265	265	4	11	10
TKA 37-09 S	1800-2000	1800	786	786	278	278	4	11	10
TKA 37-10 S	2000-2200	2000	886	886	313	313	4	14	10

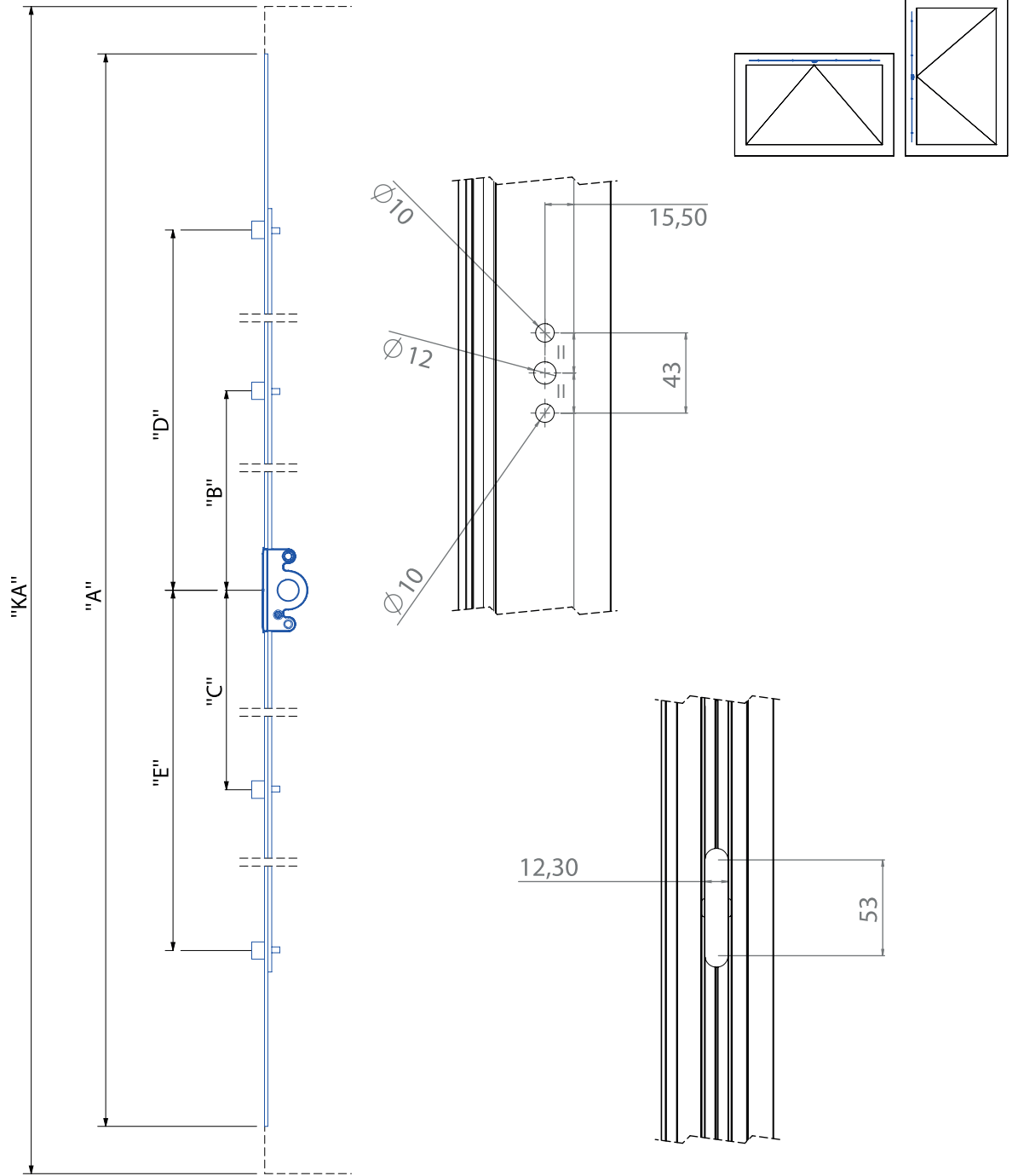
TEK AÇILIM İSPANYOLET EMNİYETLİ
(SAC GÖVDE) 15,5 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 37-01 SC	300-400	300	88	88	-	-	2	4	10
TKA 37-02 SC	400-600	400	138	138	-	-	2	4	10
TKA 37-03 SC	600-800	600	238	238	-	-	2	6	10
TKA 37-04 SC	800-1000	800	286	286	-	-	2	6	10
TKA 37-05 SC	1000-1200	1000	386	386	129	-	3	9	10
TKA 37-06 SC	1200-1400	1200	486	486	129	-	3	9	10
TKA 37-07 SC	1400-1600	1400	586	586	129	-	3	9	10
TKA 37-08 SC	1600-1800	1600	686	686	265	265	4	11	10
TKA 37-09 SC	1800-2000	1800	786	786	278	278	4	11	10
TKA 37-10 SC	2000-2200	2000	886	886	313	313	4	14	10

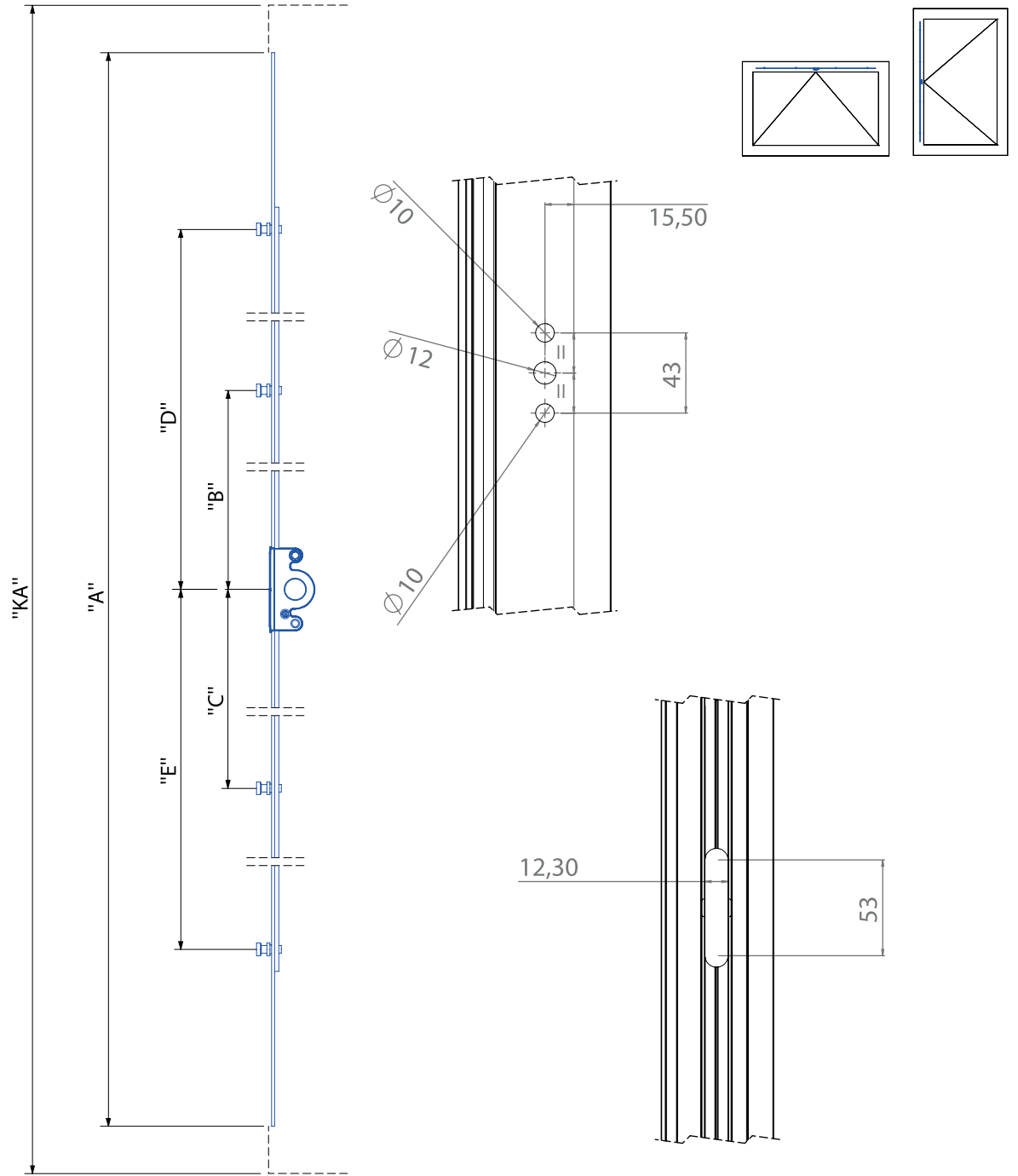
TEK AÇILIM İSPANYOLET

(ZAMAK GÖVDE) 15,5 mm



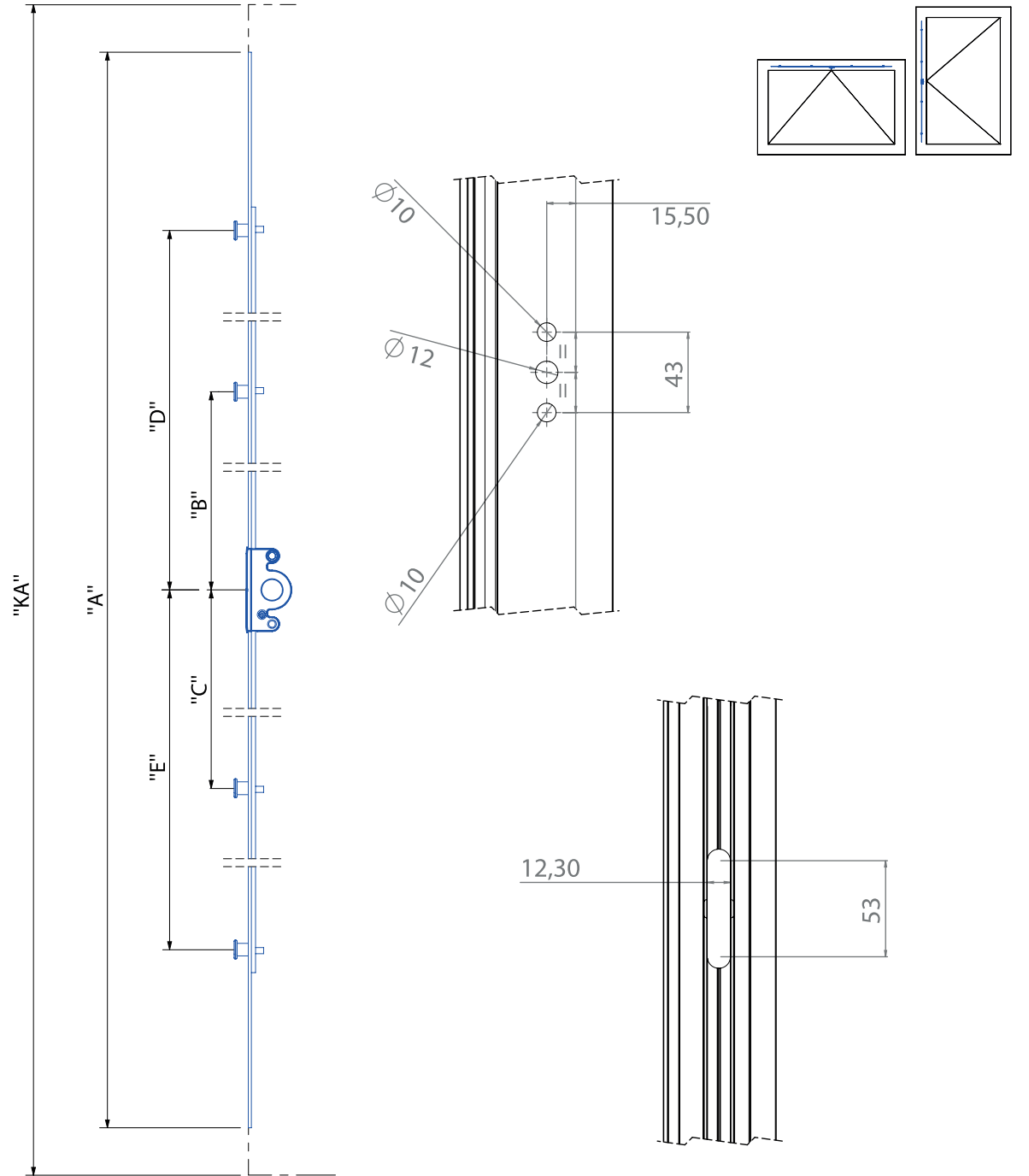
ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 36-01	300-400	300	88	88	-	-	2	4	20
TKA 36-02	400-600	400	138	138	-	-	2	4	20
TKA 36-03	600-800	600	238	238	-	-	2	6	20
TKA 36-04	800-1000	800	286	286	-	-	2	6	20
TKA 36-05	1000-1200	1000	386	386	129	-	3	9	20
TKA 36-06	1200-1400	1200	486	486	129	-	3	9	20
TKA 36-07	1400-1600	1400	586	586	129	-	3	9	10
TKA 36-08	1600-1800	1600	686	686	265	265	4	11	10
TKA 36-09	1800-2000	1800	786	786	278	278	4	11	10
TKA 36-10	2000-2200	2000	886	886	313	313	4	14	10

TEK AÇILIM İSPANYOLET SÜRME
(ZAMAK GÖVDE) 15,5 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 36-01 S	300-400	300	88	88	-	-	2	4	20
TKA 36-02 S	400-600	400	138	138	-	-	2	4	20
TKA 36-03 S	600-800	600	238	238	-	-	2	6	20
TKA 36-04 S	800-1000	800	286	286	-	-	2	6	20
TKA 36-05 S	1000-1200	1000	386	386	129	-	3	9	20
TKA 36-06 S	1200-1400	1200	486	486	129	-	3	9	20
TKA 36-07 S	1400-1600	1400	586	586	129	-	3	9	10
TKA 36-08 S	1600-1800	1600	686	686	265	265	4	11	10
TKA 36-09 S	1800-2000	1800	786	786	278	278	4	11	10
TKA 36-10 S	2000-2200	2000	886	886	313	313	4	14	10

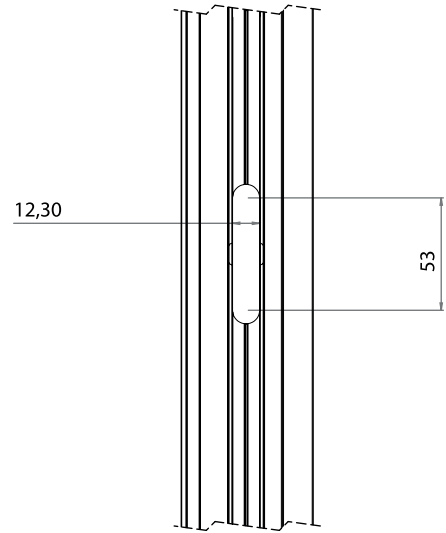
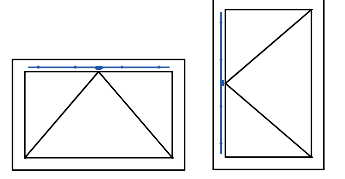
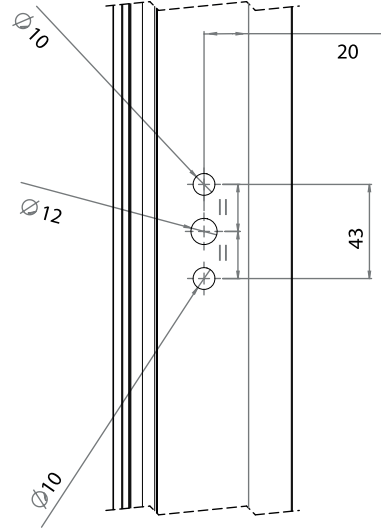
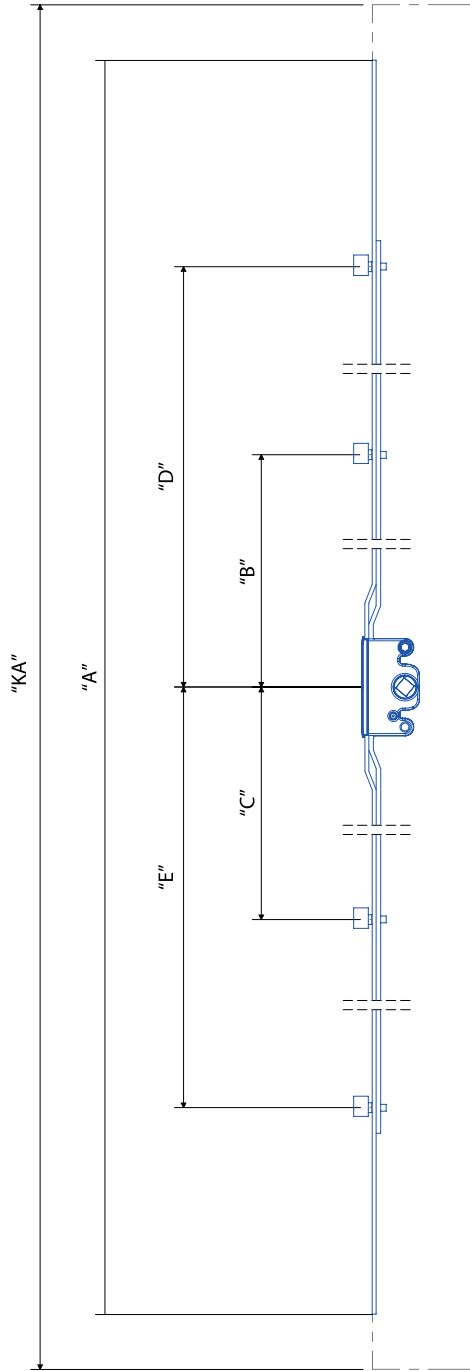
TEK AÇILIM İSPANYOLET EMNİYETLİ
(ZAMAK GÖVDE) 15,5 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 36-01 SC	300-400	300	88	88	-	-	2	4	20
TKA 36-02 SC	400-600	400	138	138	-	-	2	4	20
TKA 36-03 SC	600-800	600	238	238	-	-	2	6	20
TKA 36-04 SC	800-1000	800	286	286	-	-	2	6	20
TKA 36-05 SC	1000-1200	1000	386	386	129	-	3	9	20
TKA 36-06 SC	1200-1400	1200	486	486	129	-	3	9	20
TKA 36-07 SC	1400-1600	1400	586	586	129	-	3	9	10
TKA 36-08 SC	1600-1800	1600	686	686	265	265	4	11	10
TKA 36-09 SC	1800-2000	1800	786	786	278	278	4	11	10
TKA 36-10 SC	2000-2200	2000	886	886	313	313	4	14	10

TEK AÇILIM İSPANYOLETİ

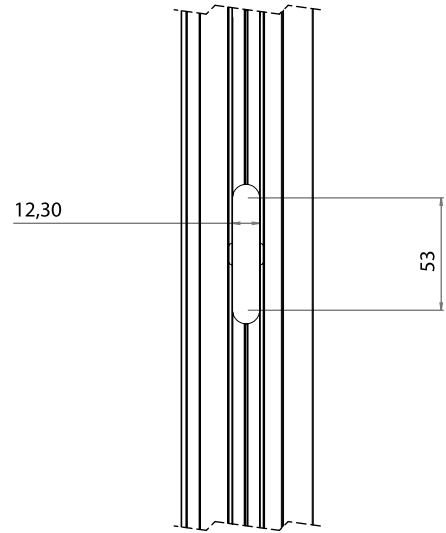
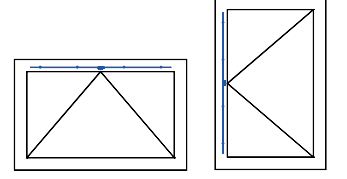
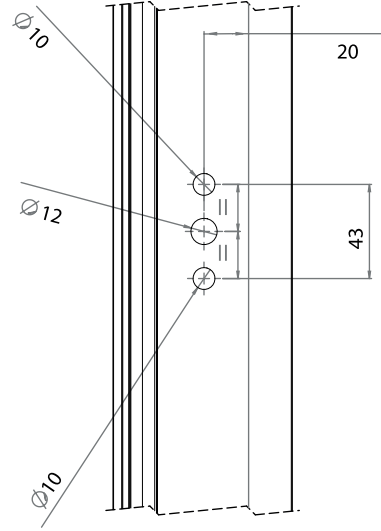
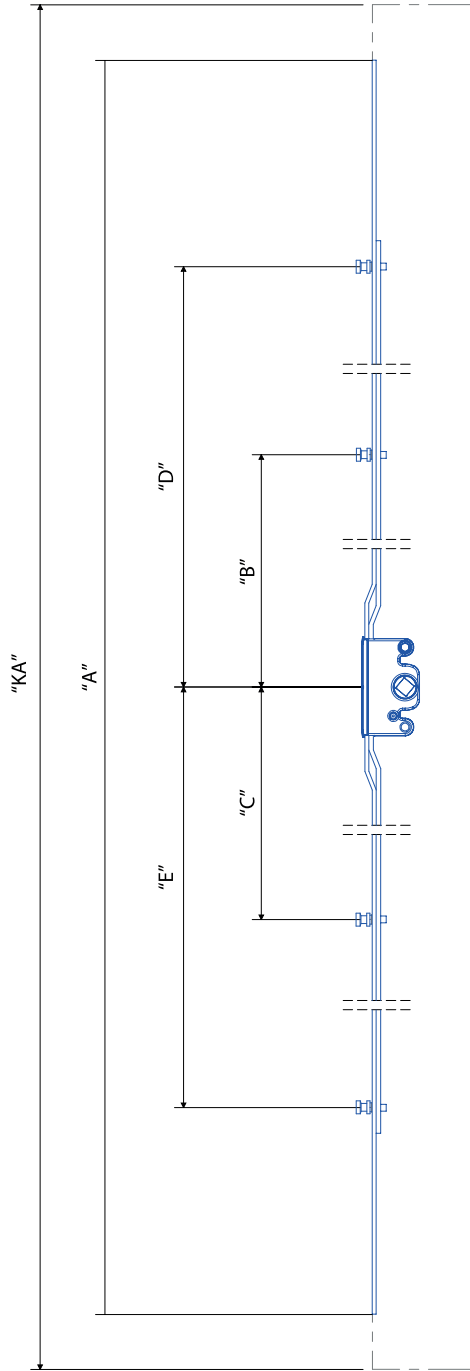
(ZAMAK GÖVDE) 20 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 20-01	300-400	300	88	88	-	-	2	4	20
TKA 20-02	400-600	400	138	138	-	-	2	4	20
TKA 20-03	600-800	600	238	238	-	-	2	6	20
TKA 20-04	800-1000	800	286	286	-	-	2	6	20
TKA 20-05	1000-1200	1000	386	386	129	-	3	9	20
TKA 20-06	1200-1400	1200	486	486	129	-	3	9	20
TKA 20-07	1400-1600	1400	586	586	129	-	3	9	10
TKA 20-08	1600-1800	1600	686	686	265	265	4	11	10
TKA 20-09	1800-2000	1800	786	786	278	278	4	11	10
TKA 20-10	2000-2200	2000	886	886	313	313	4	14	10

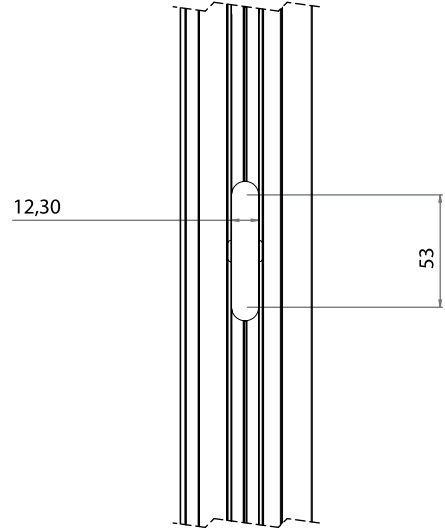
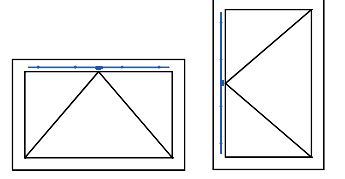
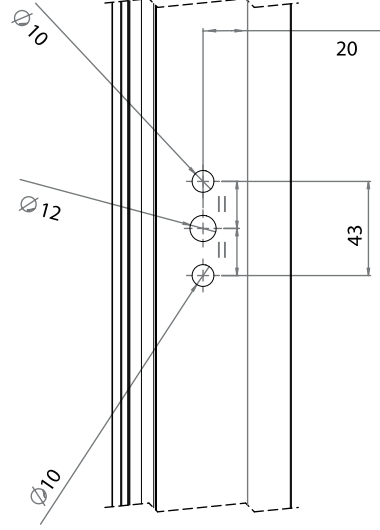
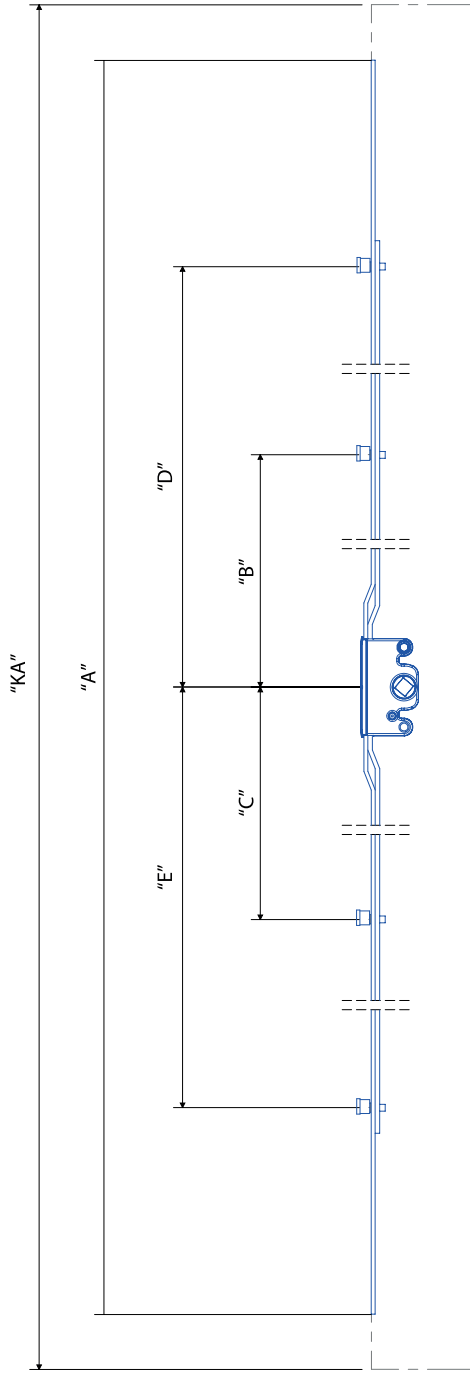
TEK AÇILIM İSPANYOLETİ SÜRME

(ZAMAK GÖVDE) 20 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 20-01 S	300-400	300	88	88	-	-	2	4	20
TKA 20-02 S	400-600	400	138	138	-	-	2	4	20
TKA 20-03 S	600-800	600	238	238	-	-	2	6	20
TKA 20-04 S	800-1000	800	286	286	-	-	2	6	20
TKA 20-05 S	1000-1200	1000	386	386	129	-	3	9	20
TKA 20-06 S	1200-1400	1200	486	486	129	-	3	9	20
TKA 20-07 S	1400-1600	1400	586	586	129	-	3	9	10
TKA 20-08 S	1600-1800	1600	686	686	265	265	4	11	10
TKA 20-09 S	1800-2000	1800	786	786	278	278	4	11	10
TKA 20-10 S	2000-2200	2000	886	886	313	313	4	14	10

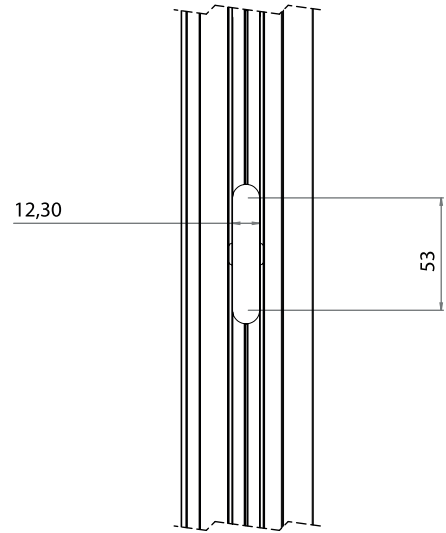
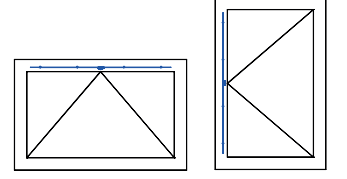
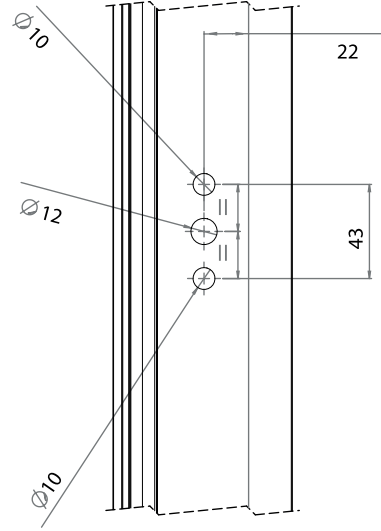
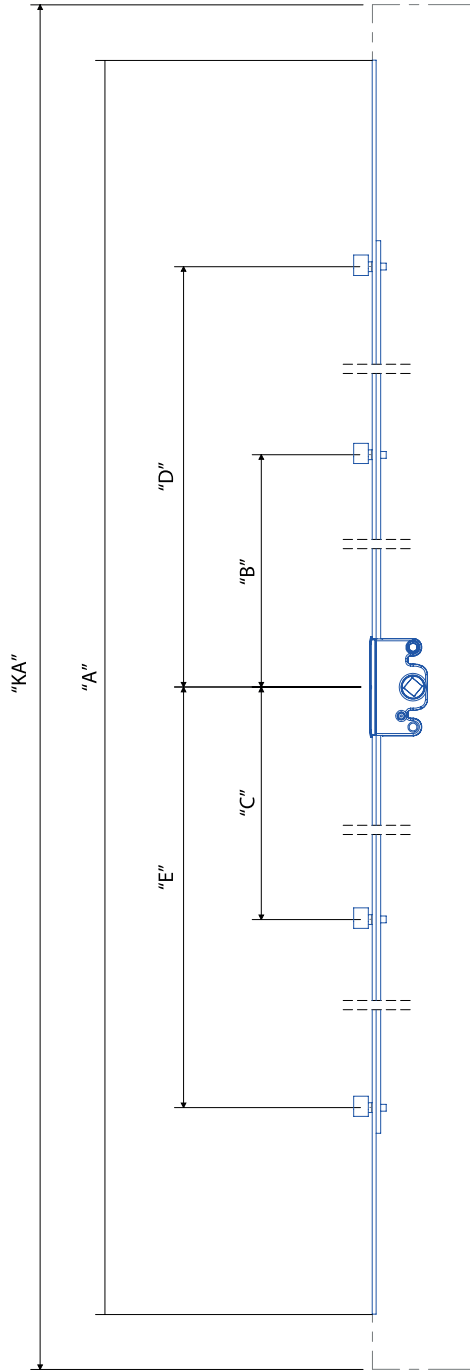
TEK AÇILIM İSPANYOLETİ EMNİYETLİ
(ZAMAK GÖVDE) 20 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 20-01 SC	300-400	300	88	88	-	-	2	4	20
TKA 20-02 SC	400-600	400	138	138	-	-	2	4	20
TKA 20-03 SC	600-800	600	238	238	-	-	2	6	20
TKA 20-04 SC	800-1000	800	286	286	-	-	2	6	20
TKA 20-05 SC	1000-1200	1000	386	386	129	-	3	9	20
TKA 20-06 SC	1200-1400	1200	486	486	129	-	3	9	20
TKA 20-07 SC	1400-1600	1400	586	586	129	-	3	9	10
TKA 20-08 SC	1600-1800	1600	686	686	265	265	4	11	10
TKA 20-09 SC	1800-2000	1800	786	786	278	278	4	11	10
TKA 20-10 SC	2000-2200	2000	886	886	313	313	4	14	10

TEK AÇILIM İSPANYOLETİ

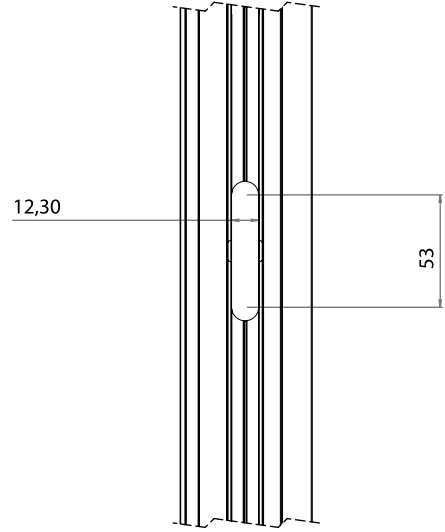
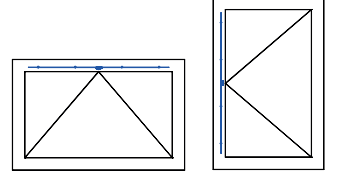
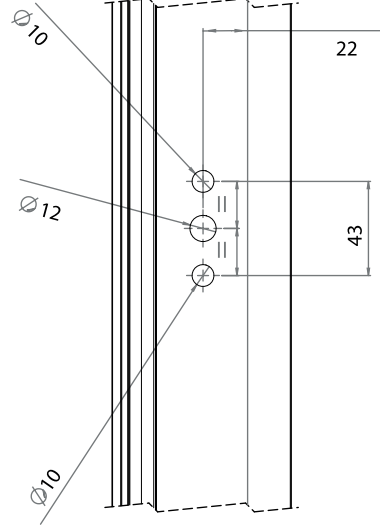
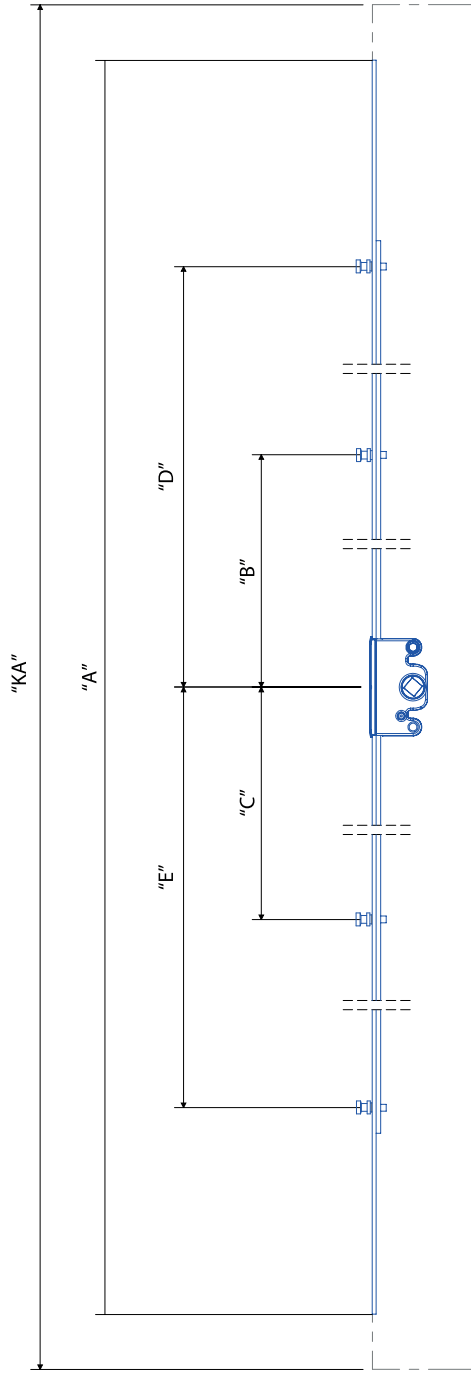
(ZAMAK GÖVDE) 22 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 22-01	300-400	300	88	88	-	-	2	4	20
TKA 22-02	400-600	400	138	138	-	-	2	4	20
TKA 22-03	600-800	600	238	238	-	-	2	6	20
TKA 22-04	800-1000	800	286	286	-	-	2	6	20
TKA 22-05	1000-1200	1000	386	386	129	-	3	9	20
TKA 22-06	1200-1400	1200	486	486	129	-	3	9	20
TKA 22-07	1400-1600	1400	586	586	129	-	3	9	10
TKA 22-08	1600-1800	1600	686	686	265	265	4	11	10
TKA 22-09	1800-2000	1800	786	786	278	278	4	11	10
TKA 22-10	2000-2200	2000	886	886	313	313	4	14	10

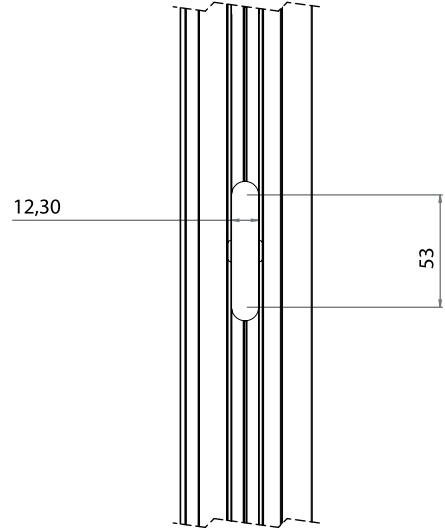
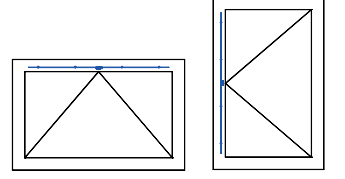
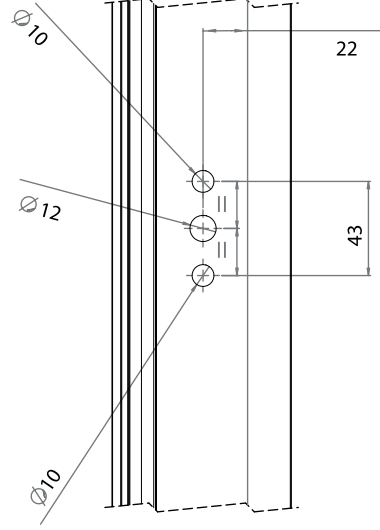
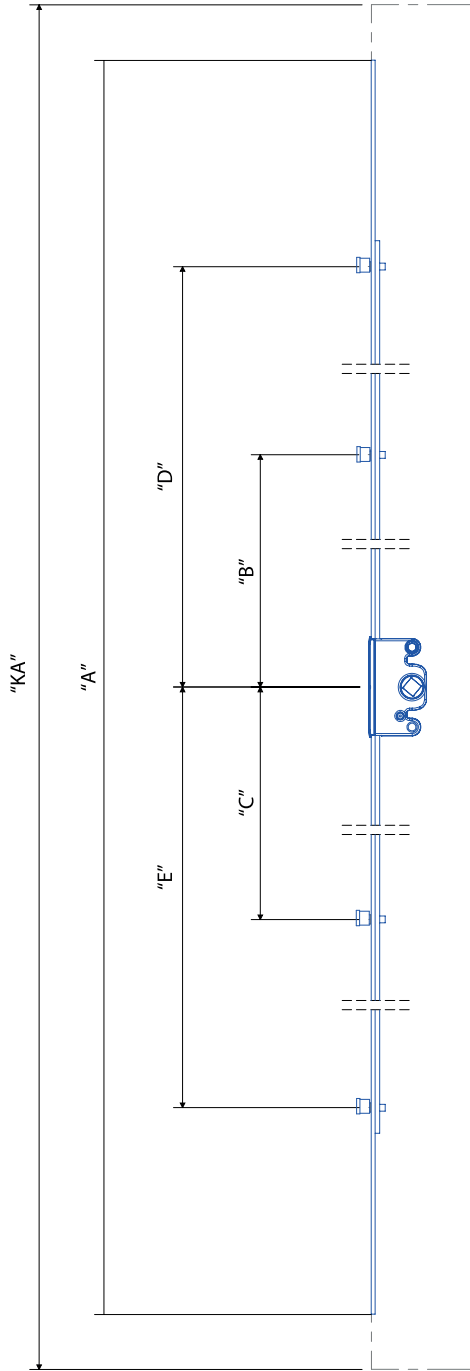
TEK AÇILIM İSPANYOLETİ SÜRME

(ZAMAK GÖVDE) 22 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 22-01 S	300-400	300	88	88	-	-	2	4	20
TKA 22-02 S	400-600	400	138	138	-	-	2	4	20
TKA 22-03 S	600-800	600	238	238	-	-	2	6	20
TKA 22-04 S	800-1000	800	286	286	-	-	2	6	20
TKA 22-05 S	1000-1200	1000	386	386	129	-	3	9	20
TKA 22-06 S	1200-1400	1200	486	486	129	-	3	9	20
TKA 22-07 S	1400-1600	1400	586	586	129	-	3	9	10
TKA 22-08 S	1600-1800	1600	686	686	265	265	4	11	10
TKA 22-09 S	1800-2000	1800	786	786	278	278	4	11	10
TKA 22-10 S	2000-2200	2000	886	886	313	313	4	14	10

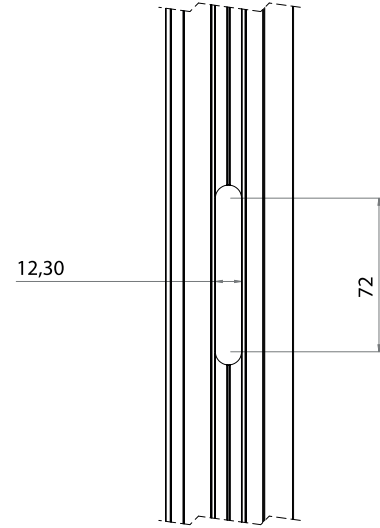
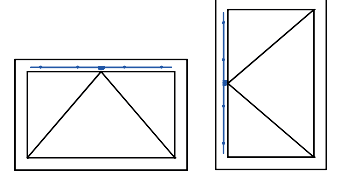
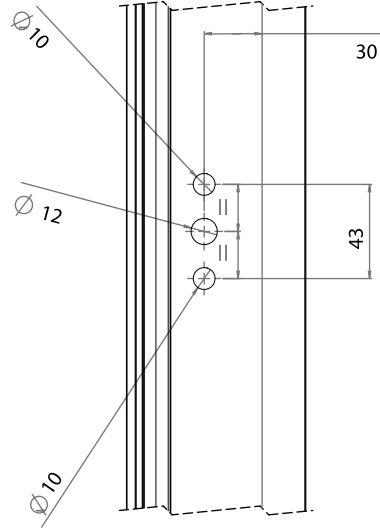
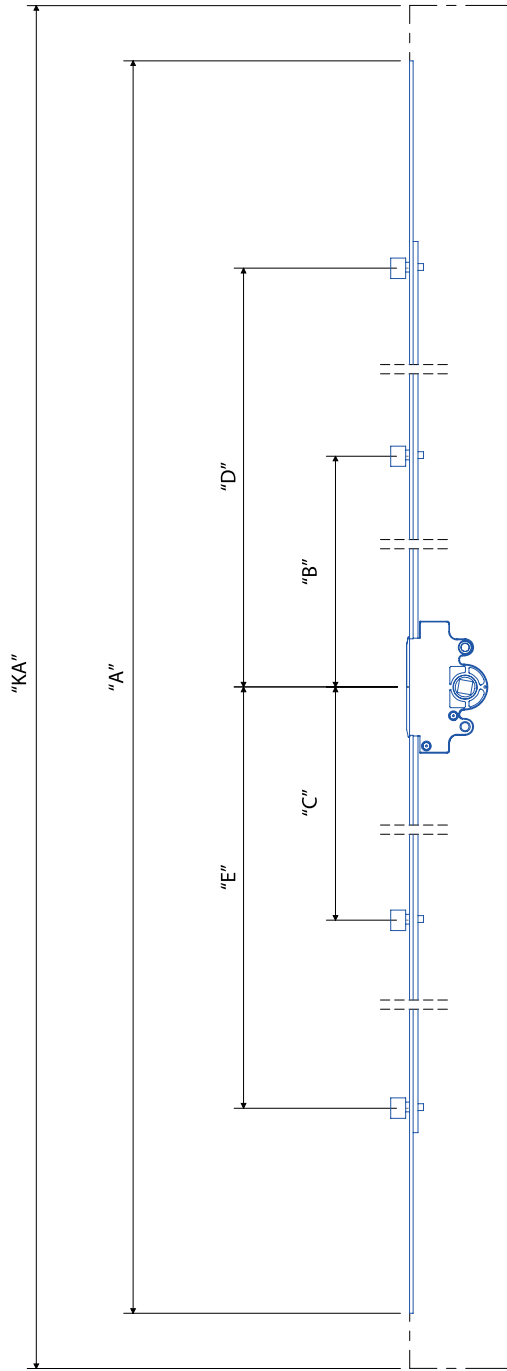
TEK AÇILIM İSPANYOLETİ EMNİYETLİ
(ZAMAK GÖVDE) 22 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 22-01 SC	300-400	300	88	88	-	-	2	4	20
TKA 22-02 SC	400-600	400	138	138	-	-	2	4	20
TKA 22-03 SC	600-800	600	238	238	-	-	2	6	20
TKA 22-04 SC	800-1000	800	286	286	-	-	2	6	20
TKA 22-05 SC	1000-1200	1000	386	386	129	-	3	9	20
TKA 22-06 SC	1200-1400	1200	486	486	129	-	3	9	20
TKA 22-07 SC	1400-1600	1400	586	586	129	-	3	9	10
TKA 22-08 SC	1600-1800	1600	686	686	265	265	4	11	10
TKA 22-09 SC	1800-2000	1800	786	786	278	278	4	11	10
TKA 22-10 SC	2000-2200	2000	886	886	313	313	4	14	10

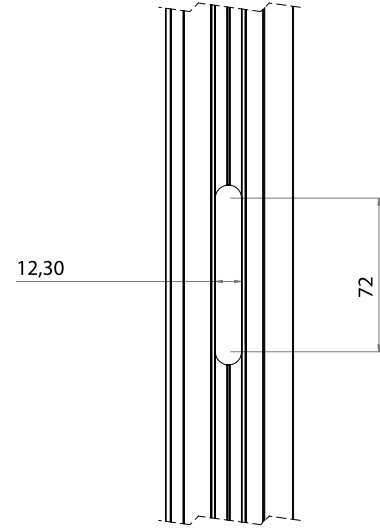
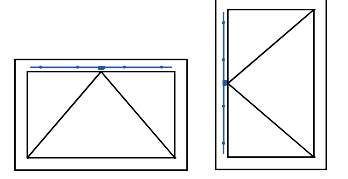
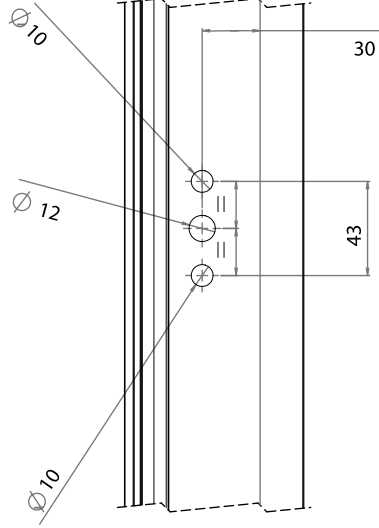
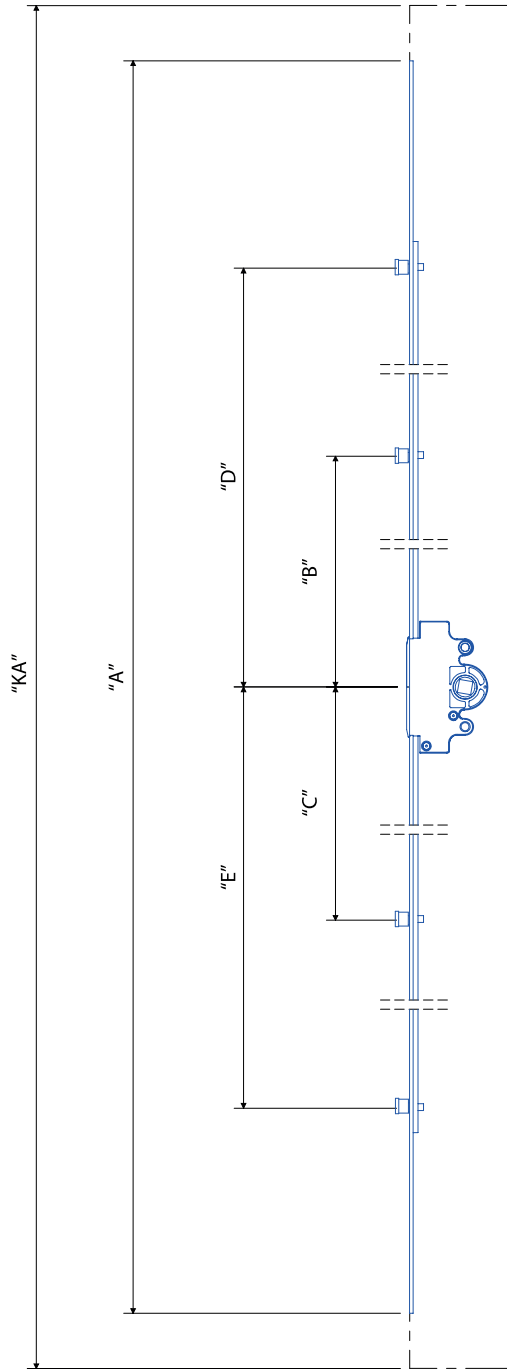
TEK AÇILIM İSPANYOLETİ

(ZAMAK GÖVDE) 30 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 30-01	300-400	300	88	88	-	-	2	4	10
TKA 30-02	400-600	400	138	138	-	-	2	4	10
TKA 30-03	600-800	600	238	238	-	-	2	6	10
TKA 30-04	800-1000	800	286	286	-	-	2	6	10
TKA 30-05	1000-1200	1000	386	386	129	-	3	9	10
TKA 30-06	1200-1400	1200	486	486	129	-	3	9	10
TKA 30-07	1400-1600	1400	586	586	129	-	3	9	10
TKA 30-08	1600-1800	1600	686	686	265	265	4	11	10
TKA 30-09	1800-2000	1800	786	786	278	278	4	11	10
TKA 30-10	2000-2200	2000	886	886	313	313	4	14	10

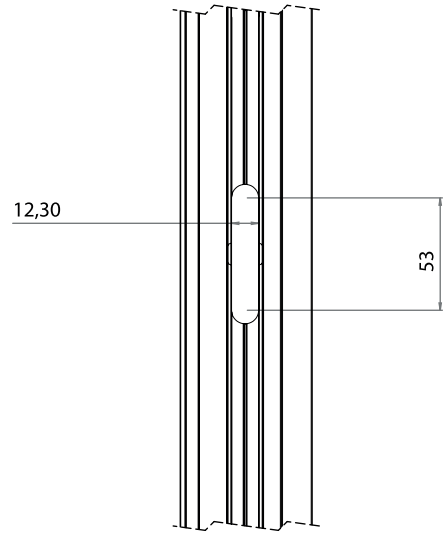
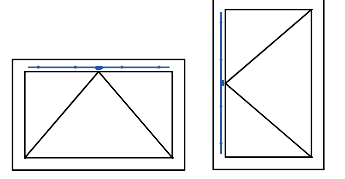
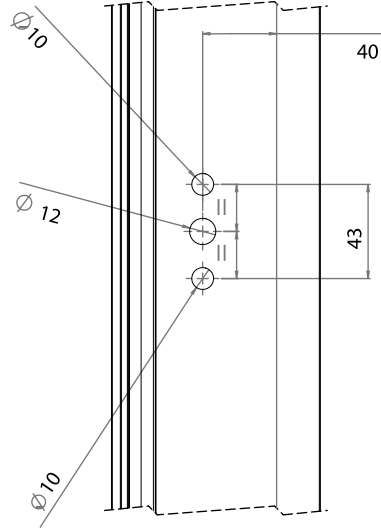
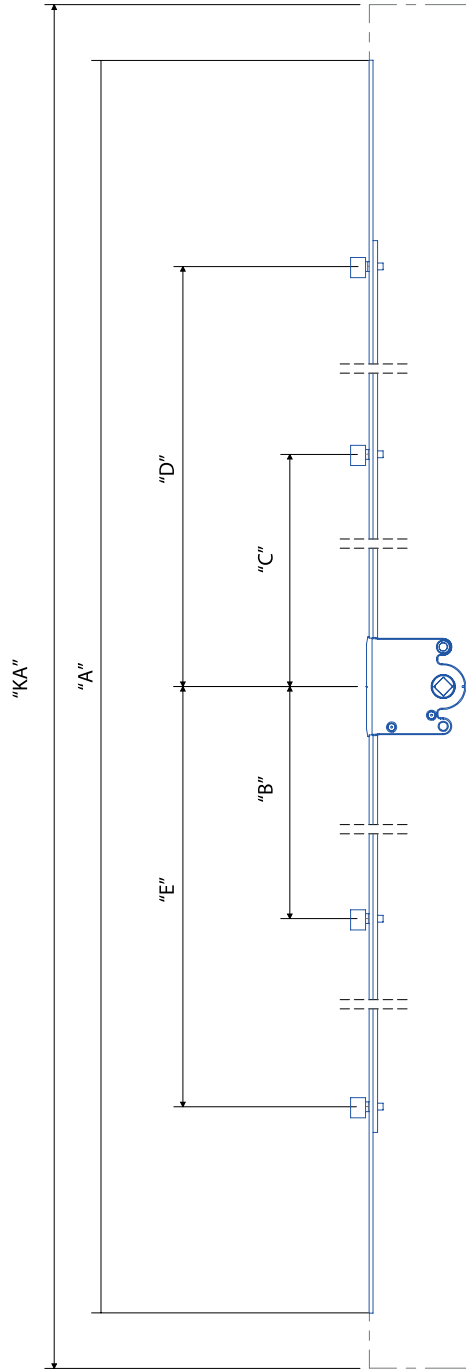
TEK AÇILIM İSPANYOLETİ EMNİYETLİ
(ZAMAK GÖVDE) 30 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 30-01 SC	300-400	300	88	88	-	-	2	4	10
TKA 30-02 SC	400-600	400	138	138	-	-	2	4	10
TKA 30-03 SC	600-800	600	238	238	-	-	2	6	10
TKA 30-04 SC	800-1000	800	286	286	-	-	2	6	10
TKA 30-05 SC	1000-1200	1000	386	386	129	-	3	9	10
TKA 30-06 SC	1200-1400	1200	486	486	129	-	3	9	10
TKA 30-07 SC	1400-1600	1400	586	586	129	-	3	9	10
TKA 30-08 SC	1600-1800	1600	686	686	265	265	4	11	10
TKA 30-09 SC	1800-2000	1800	786	786	278	278	4	11	10
TKA 30-10 SC	2000-2200	2000	886	886	313	313	4	14	10

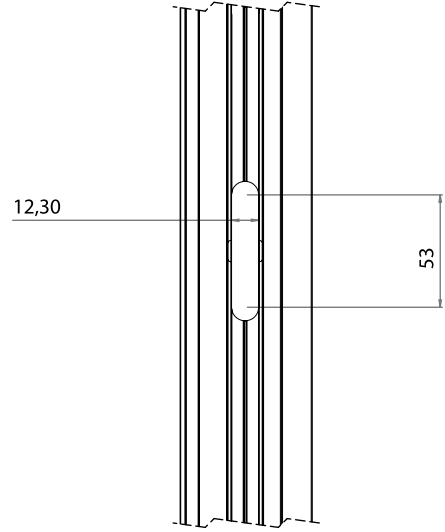
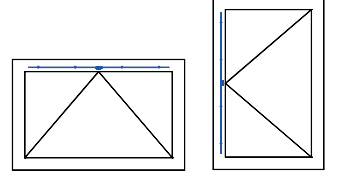
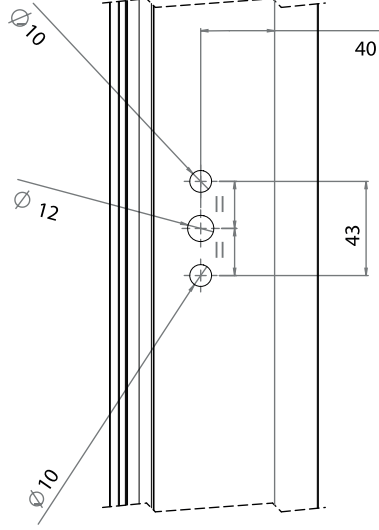
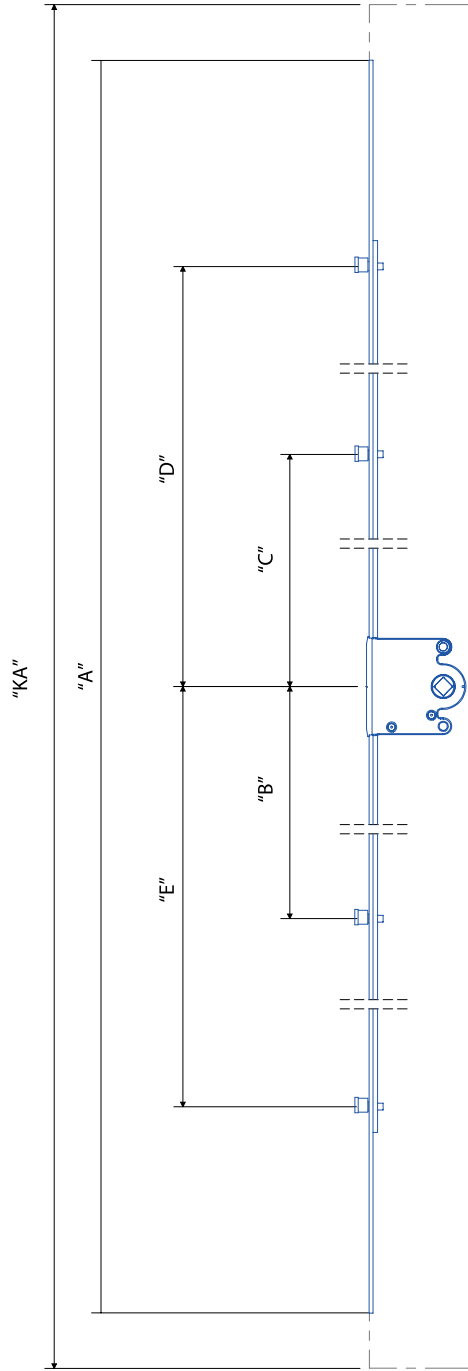
TEK AÇILIM İSPANYOLETİ

(ZAMAK GÖVDE) 40 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 40-01	300-400	300	88	88	-	-	2	4	8
TKA 40-02	400-600	400	138	138	-	-	2	4	8
TKA 40-03	600-800	600	238	238	-	-	2	6	8
TKA 40-04	800-1000	800	286	286	-	-	2	6	8
TKA 40-05	1000-1200	1000	386	386	129	-	3	9	8
TKA 40-06	1200-1400	1200	486	486	129	-	3	9	8
TKA 40-07	1400-1600	1400	586	586	129	-	3	9	8
TKA 40-08	1600-1800	1600	686	686	265	265	4	11	8
TKA 40-09	1800-2000	1800	786	786	278	278	4	11	8
TKA 40-10	2000-2200	2000	886	886	313	313	4	14	8

TEK AÇILIM İSPANYOLETİ EMNİYETLİ
(ZAMAK GÖVDE) 40 mm



ÜRÜN KODU	'KA' (mm) KULLANIM ARALIĞI	'A' (mm)	'D' (mm)	'E' (mm)	'B' (mm)	'C' (mm)			
TKA 40-01 SC	300-400	300	88	88	-	-	2	4	8
TKA 40-02 SC	400-600	400	138	138	-	-	2	4	8
TKA 40-03 SC	600-800	600	238	238	-	-	2	6	8
TKA 40-04 SC	800-1000	800	286	286	-	-	2	6	8
TKA 40-05 SC	1000-1200	1000	386	386	129	-	3	9	8
TKA 40-06 SC	1200-1400	1200	486	486	129	-	3	9	8
TKA 40-07 SC	1400-1600	1400	586	586	129	-	3	9	8
TKA 40-08 SC	1600-1800	1600	686	686	265	265	4	11	8
TKA 40-09 SC	1800-2000	1800	786	786	278	278	4	11	8
TKA 40-10 SC	2000-2200	2000	886	886	313	313	4	14	8



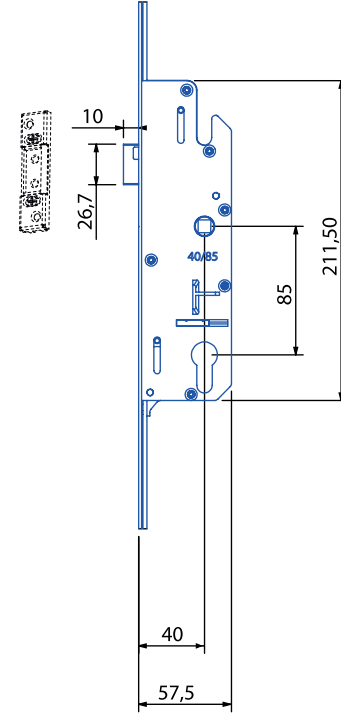
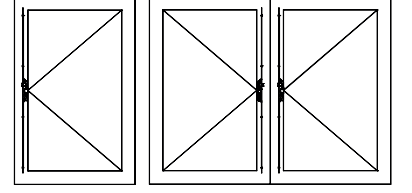
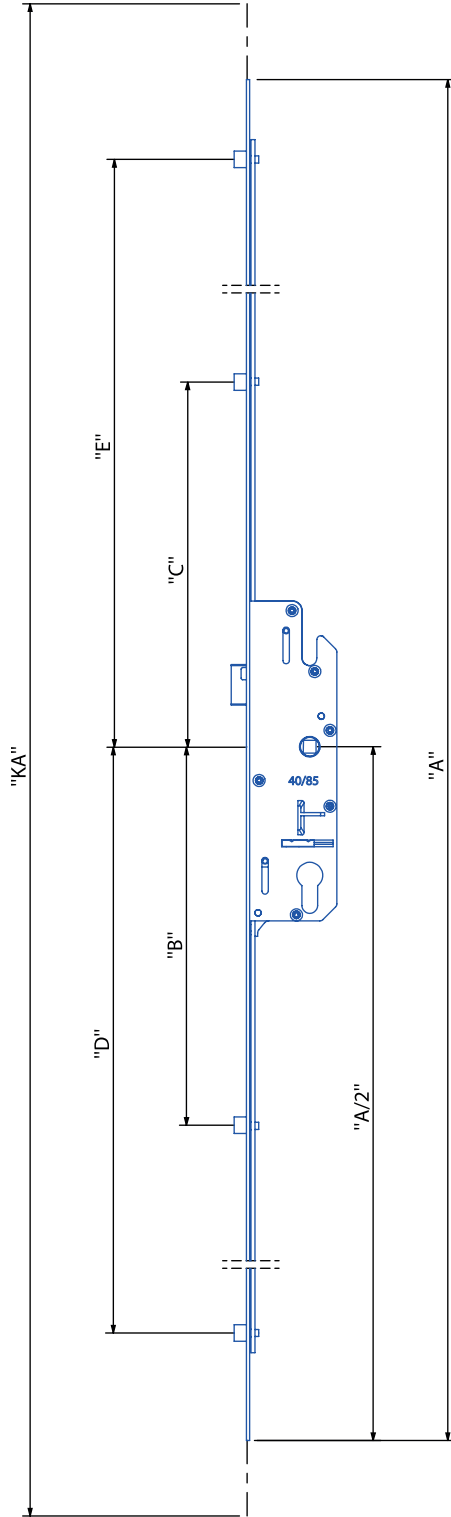
KAPI VE PENCERE SİSTEMLERİ

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KİLİTLİ KAPI
İSPANYOLETLERİ

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

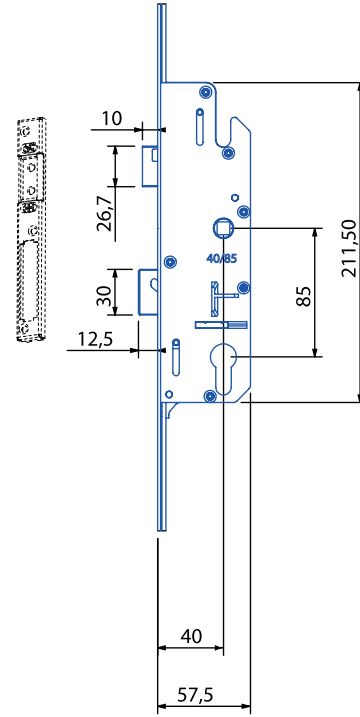
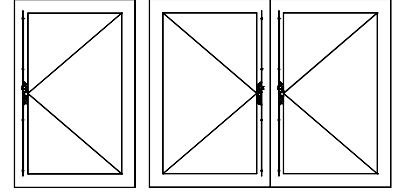
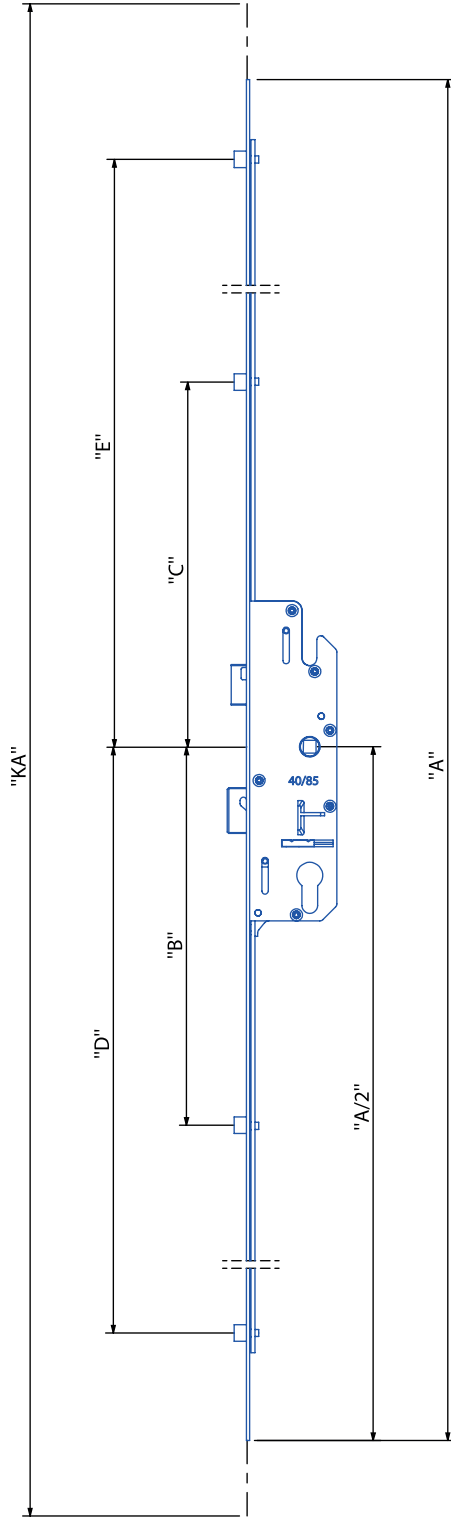
40/85 mm



ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 40-160	1600-1800	1600	800	260	232	752	724	40	85	4	10	20
KKI 40-180	1800-2000	1800	900	292	264	852	824	40	85	4	10	20
KKI 40-200	2000-2200	2000	1000	327	300	952	924	40	85	4	10	20

ÇİFT DİLLİ KİLİTLİ KAPI İSPANYOLETİ

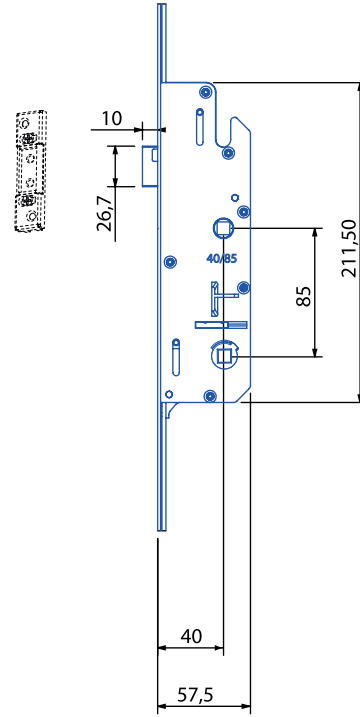
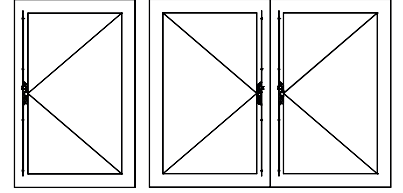
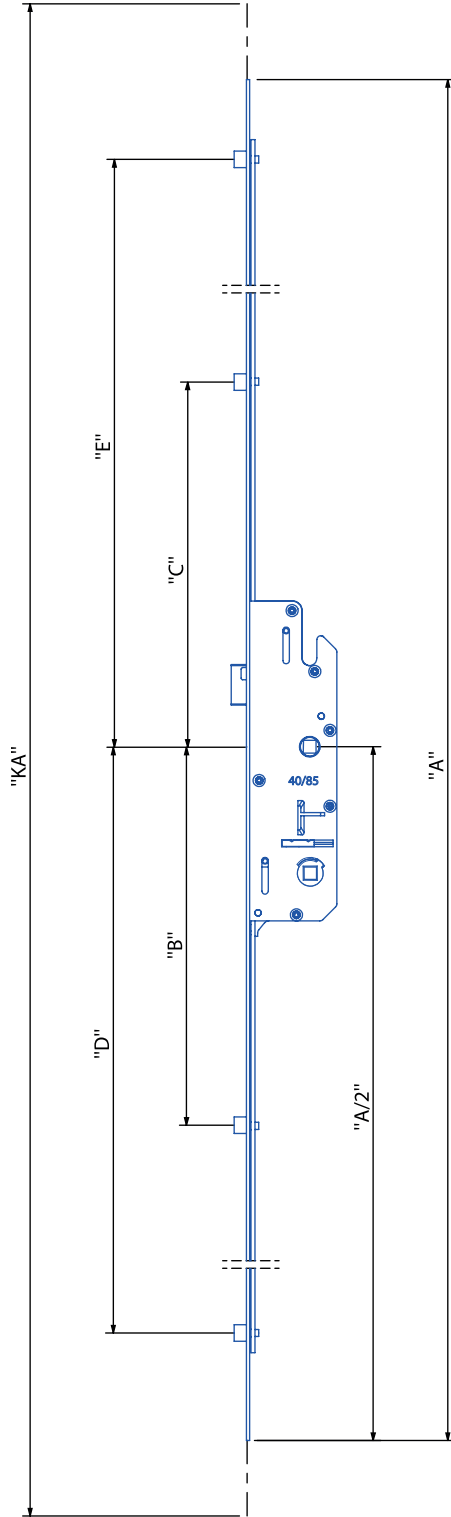
40/85 mm



 ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 40-160 CD	1600-1800	1600	800	260	232	752	724	40	85	4	10	20
KKI 40-180 CD	1800-2000	1800	900	292	264	852	824	40	85	4	10	20
KKI 40-200 CD	2000-2200	2000	1000	327	300	952	924	40	85	4	10	20

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

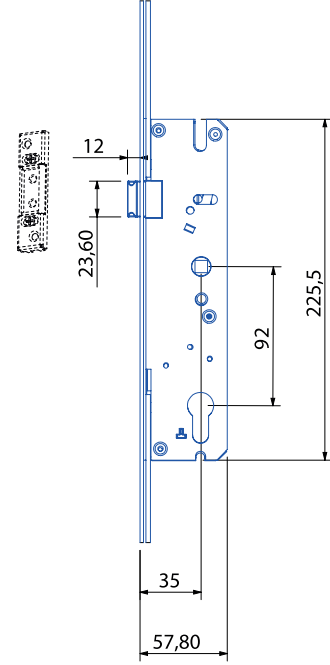
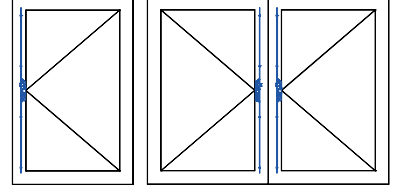
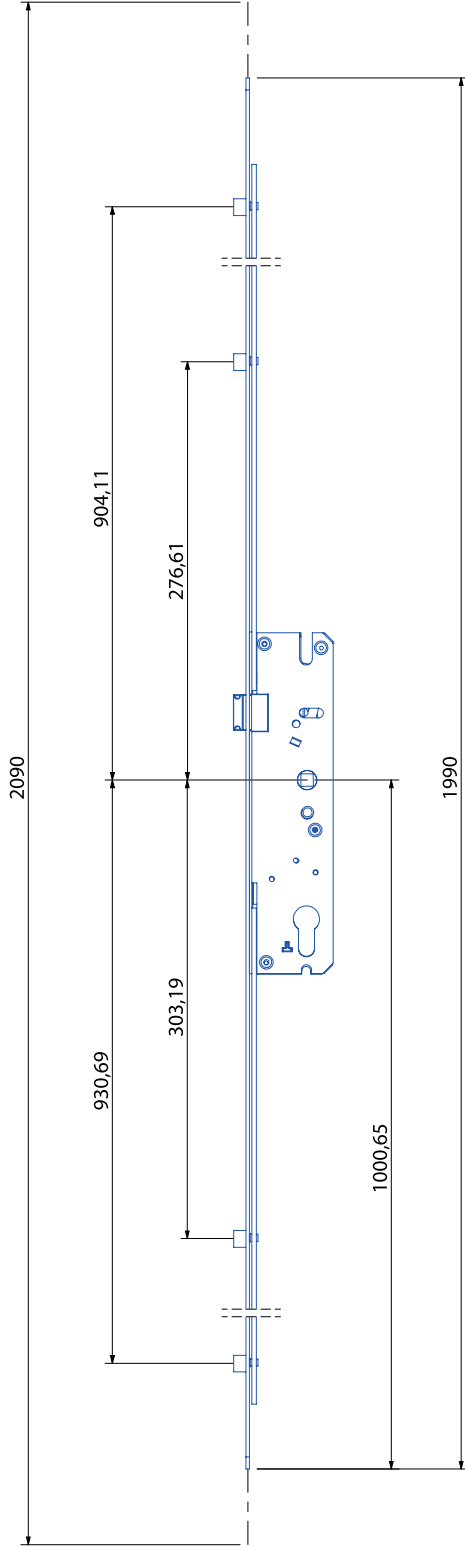
BARELSİZ 40/85 mm



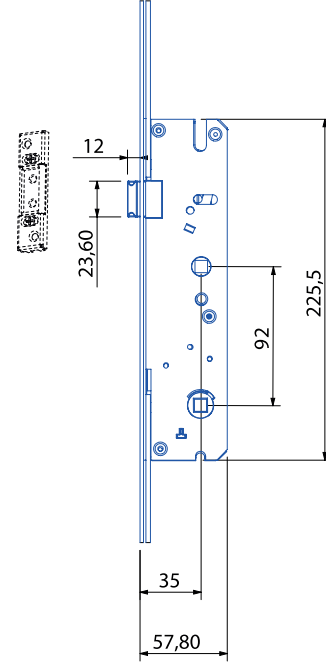
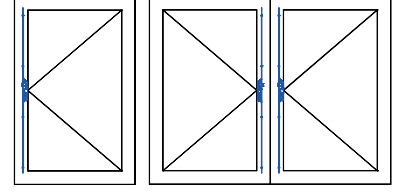
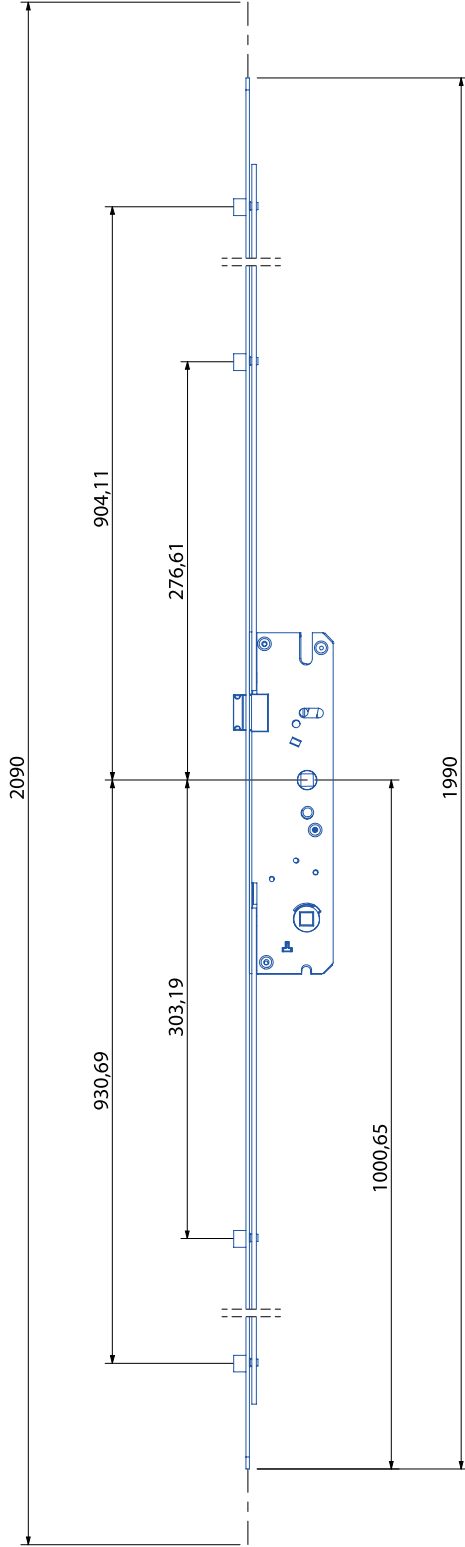
ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 40-160 B	1600-1800	1600	800	260	232	752	724	40	85	4	10	20
KKI 40-180 B	1800-2000	1800	900	292	264	852	824	40	85	4	10	20
KKI 40-200 B	2000-2200	2000	1000	327	300	952	924	40	85	4	10	20

KİLİTLİ KAPI İSPANYOLETİ

35/92 mm METAL GÖVDE



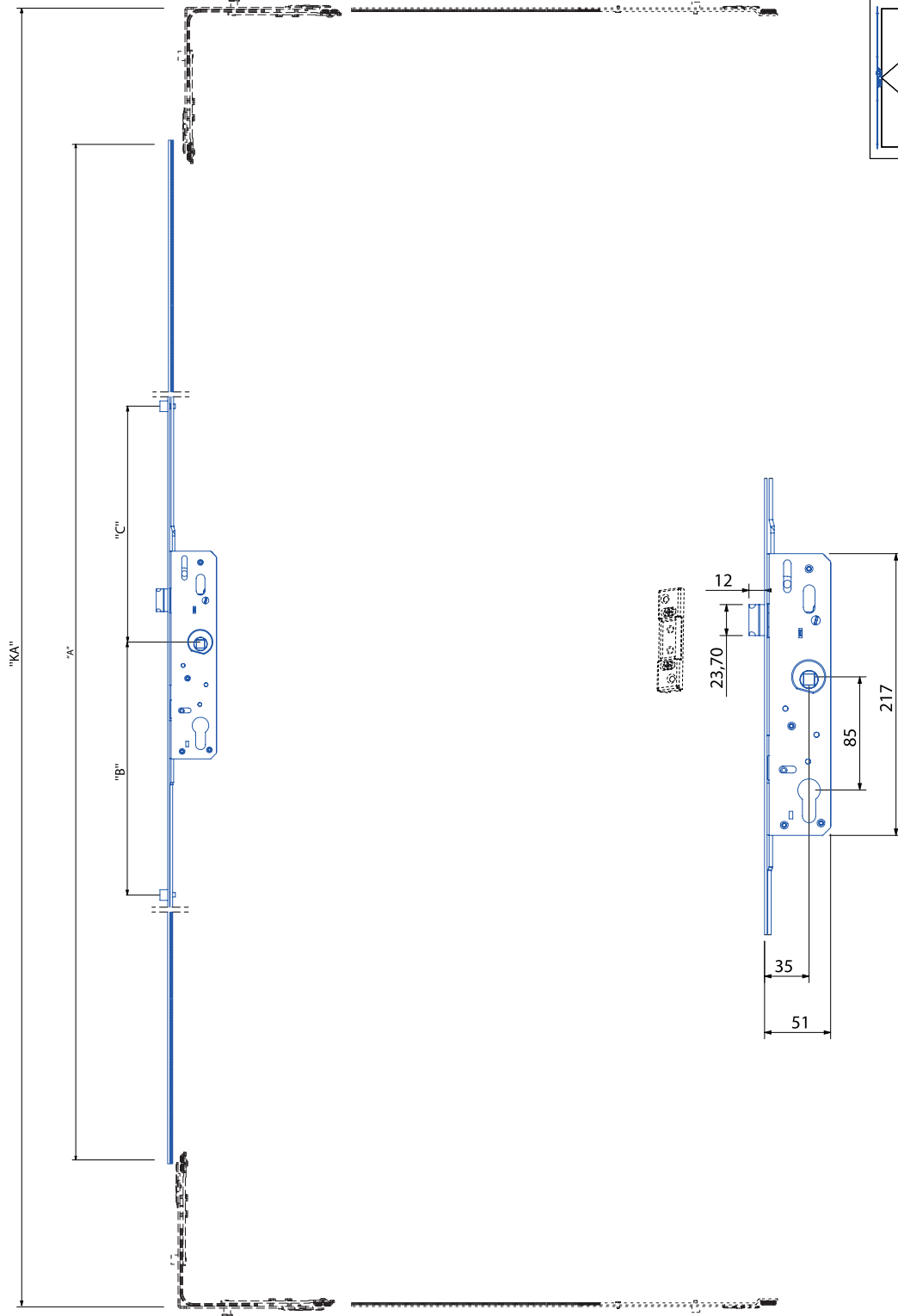
 ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
MKKI 35-92-160	1600-1800	1600	800	260	232	752	724	35	92	4	10	20
MKKI 35-92-180	1800-2000	1800	900	292	264	852	824	35	92	4	10	20
MKKI 35-92-200	2000-2200	2000	1000	327	300	952	924	35	92	4	10	20



ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
MKKI 35-92-160 B	1600-1800	1600	800	260	232	752	724	35	92	4	10	20
MKKI 35-92-180 B	1800-2000	1800	900	292	264	852	824	35	92	4	10	20
MKKI 35-92-200 B	2000-2200	2000	1000	327	300	952	924	35	92	4	10	20

ZİT YÖNLÜ KİLİTLİ KAPI İSPANYOLETİ

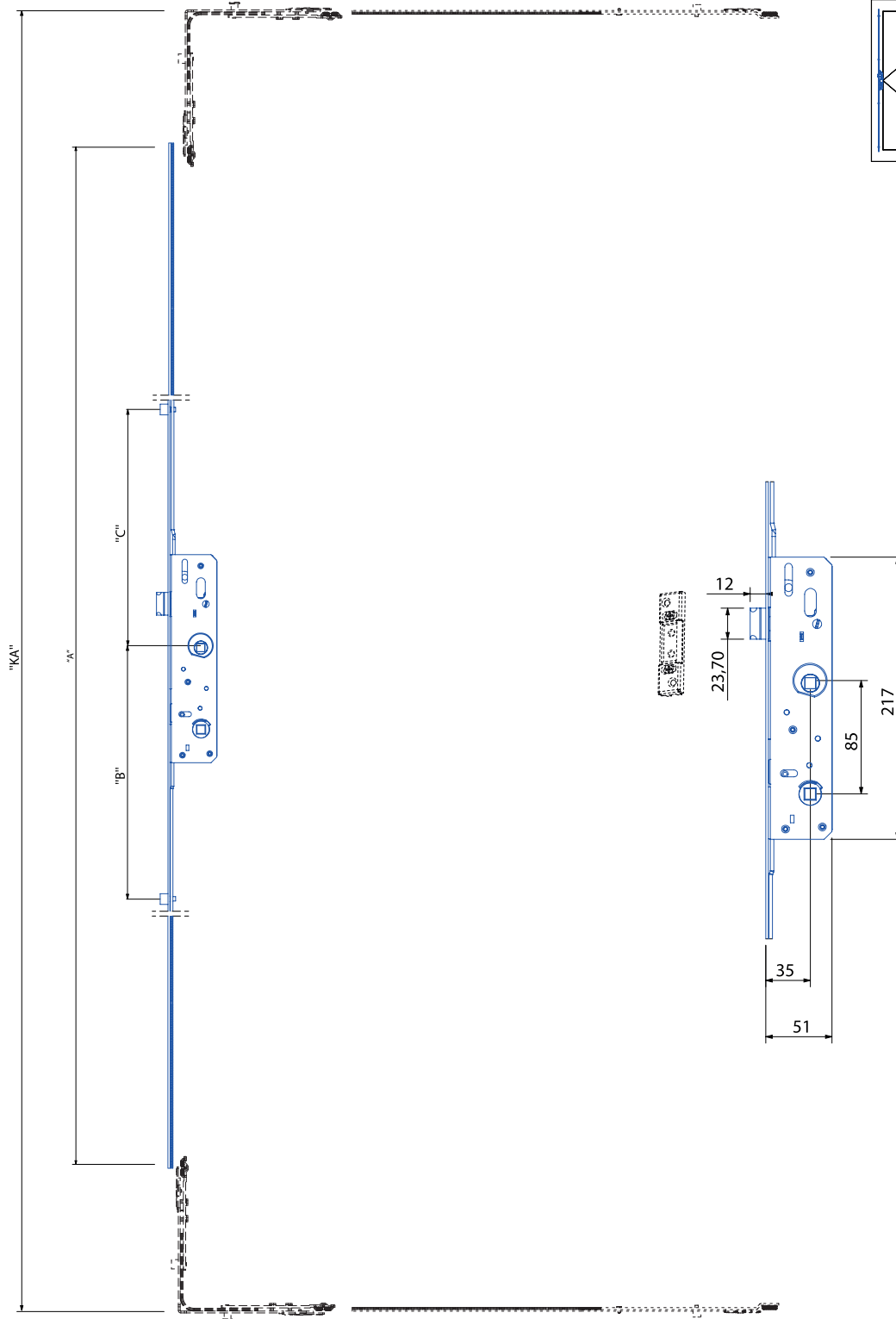
35/85 mm METAL GÖVDE - KESİLEBİLİR



 ÜRÜN KODU	 'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
MKKI 35-1700-2200	1700-2200	1840	260	232	2	6	20

ZİT YÖNLÜ KİLİTLİ KAPI İSPANYOLETİ

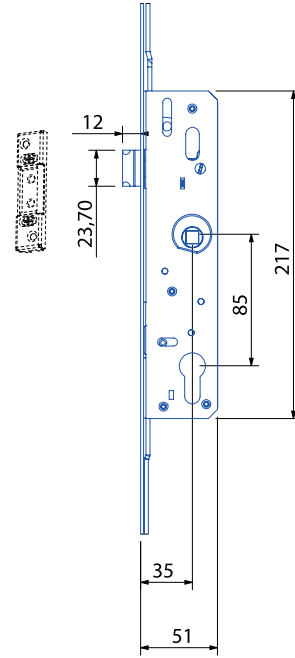
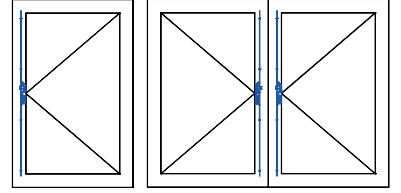
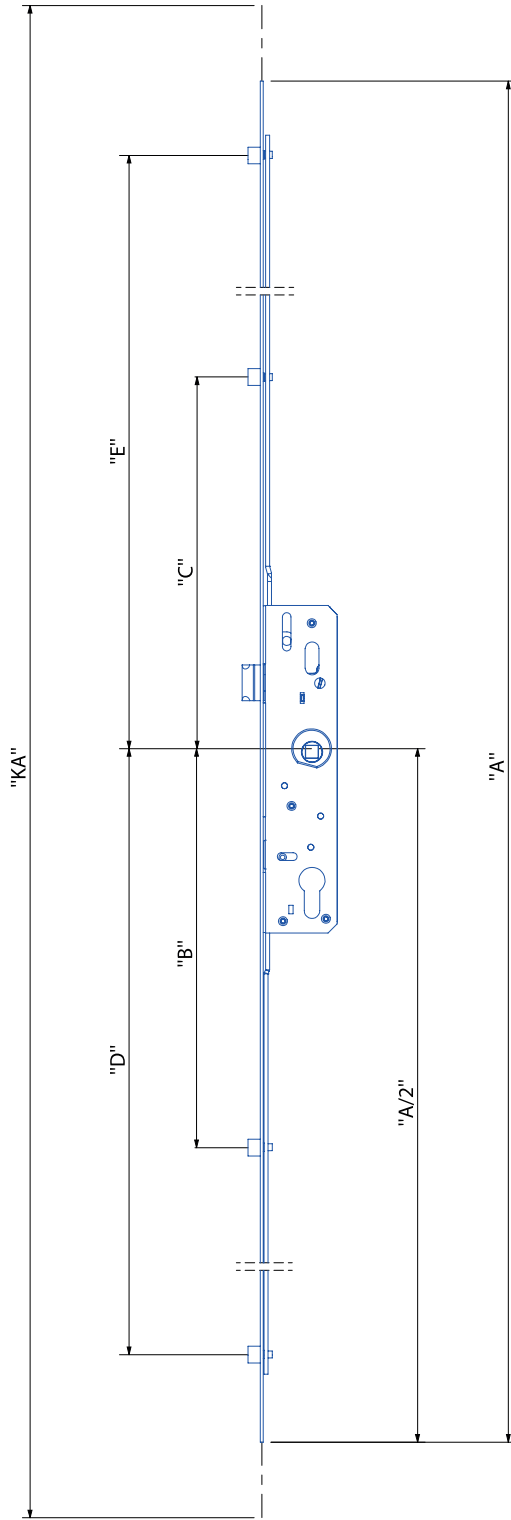
35/85 mm METAL GÖVDE - KESİLEBİLİR (BARELSİZ)



	ÜRÜN KODU		'KA' (mm) (KULLANIM ARALIĞI)	'A' (mm)	'B' (mm)	'C' (mm)			
	MKKI 35-1700-2200 B		1700-2200	1840	260	232	2	6	20

ZIT YÖNLÜ KİLİTLİ KAPI İSPANYOLETİ

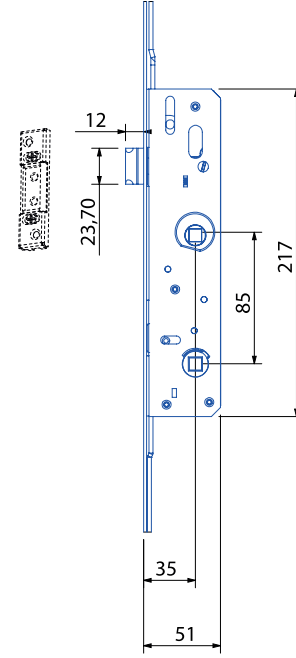
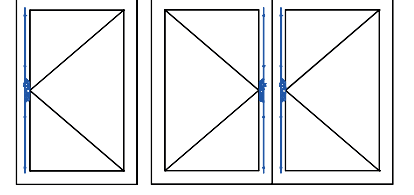
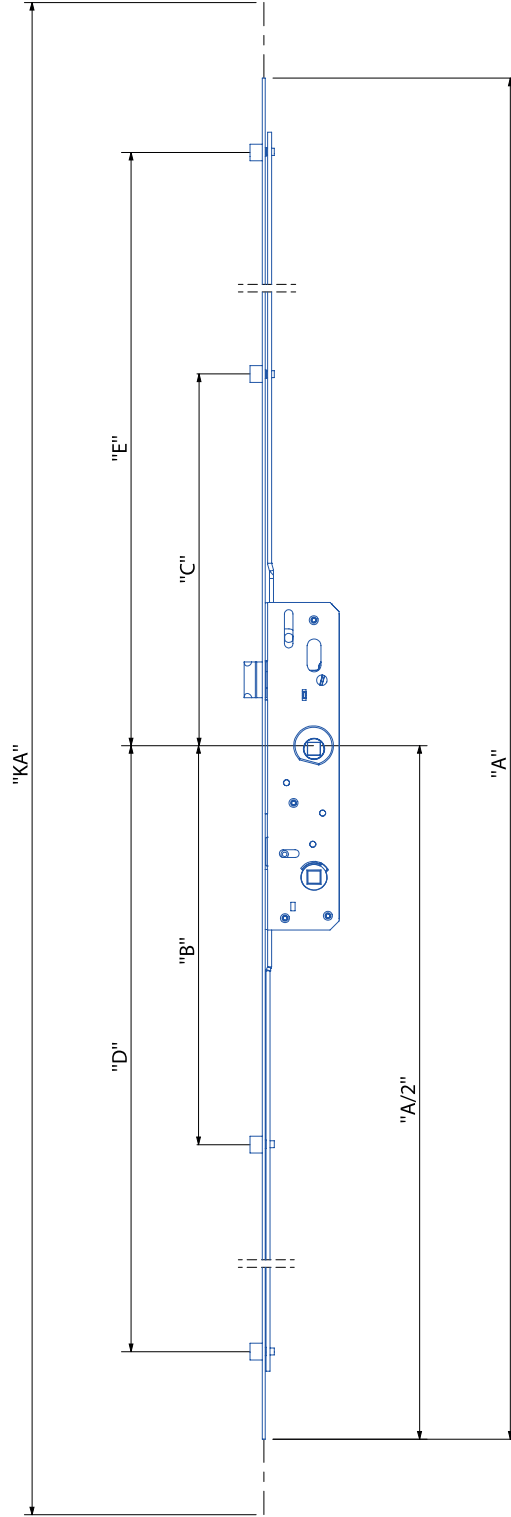
35/85 mm METAL GÖVDE



 ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
MKKI 35-160	1600-1800	1600	800	260	232	752	724	35	85	4	10	20
MKKI 35-180	1800-2000	1800	900	292	264	852	824	35	85	4	10	20
MKKI 35-200	2000-2200	2000	1000	327	300	952	924	35	85	4	10	20

ZIT YÖNLÜ KİLİTLİ KAPI İSPANYOLETİ

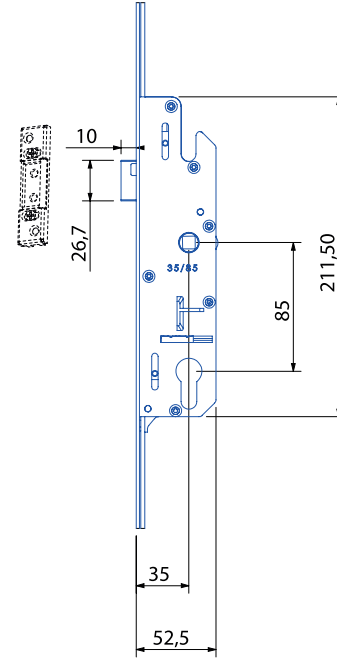
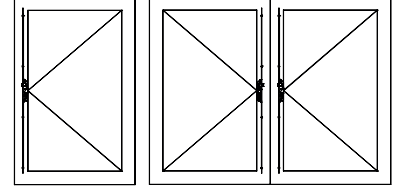
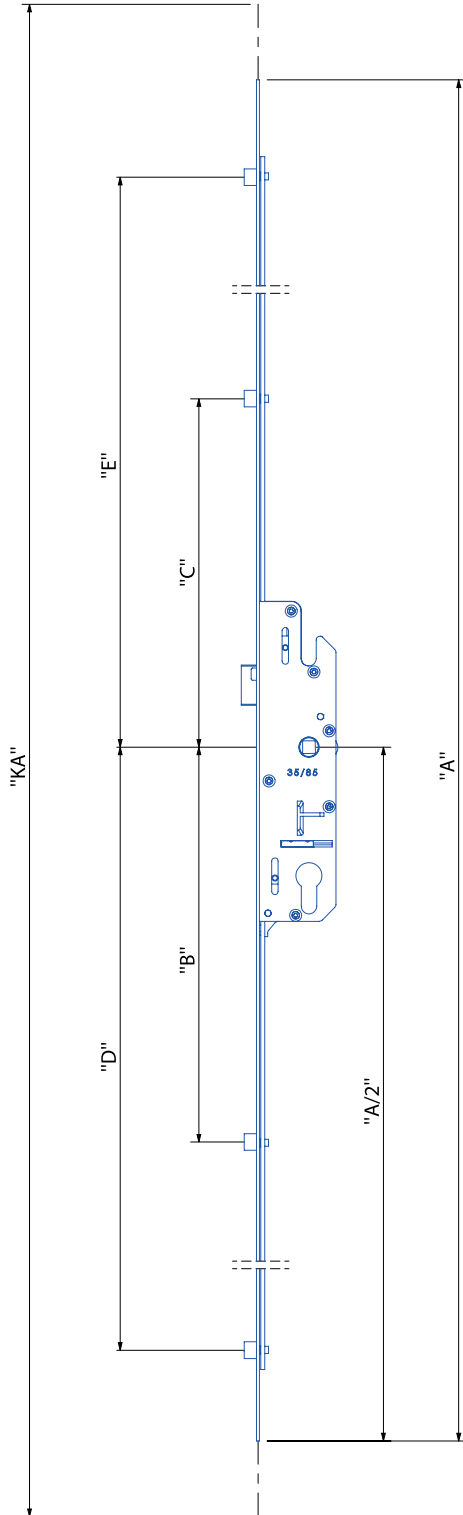
35/85 mm METAL GÖVDE (BARELSİZ)



 ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
MKKI 35-160 B	1600-1800	1600	800	260	232	752	724	35	85	4	10	20
MKKI 35-180 B	1800-2000	1800	900	292	264	852	824	35	85	4	10	20
MKKI 35-200 B	2000-2200	2000	1000	327	300	952	924	35	85	4	10	20

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

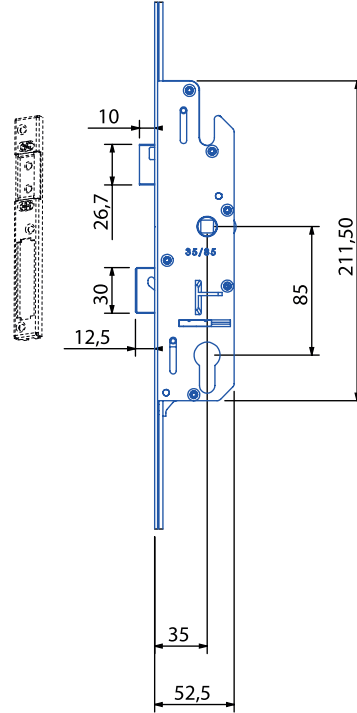
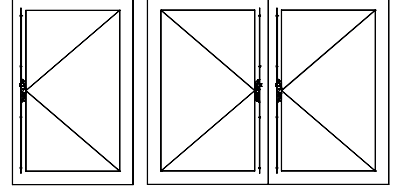
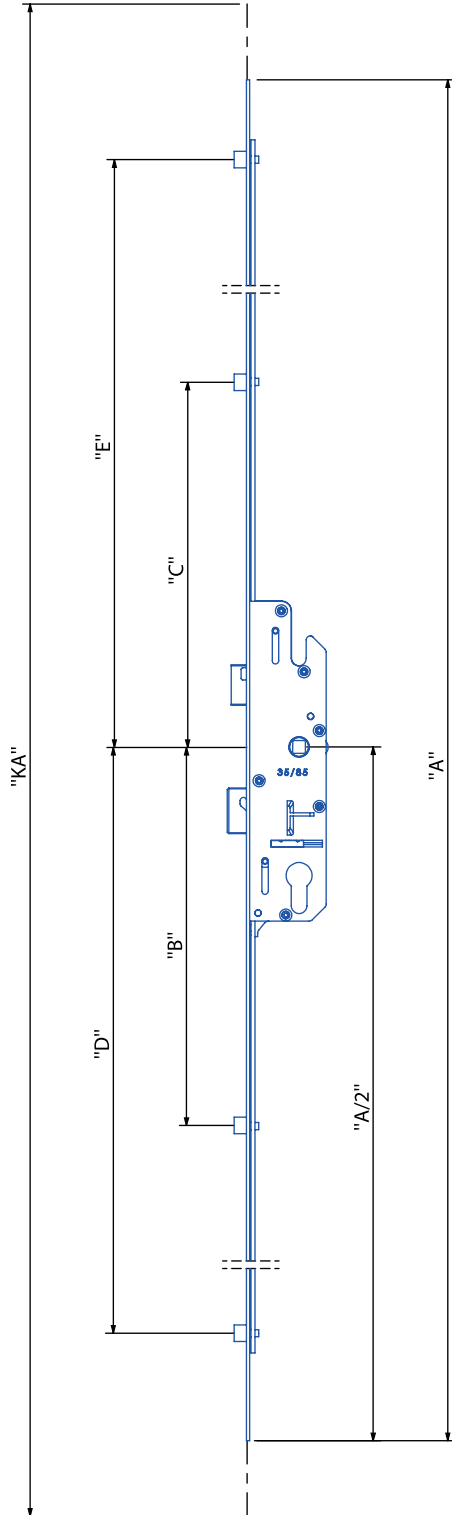
35/85 mm



ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 35-160	1600-1800	1600	800	260	232	752	724	35	85	4	10	20
KKI 35-180	1800-2000	1800	900	292	264	852	824	35	85	4	10	20
KKI 35-200	2000-2200	2000	1000	327	300	952	924	35	85	4	10	20

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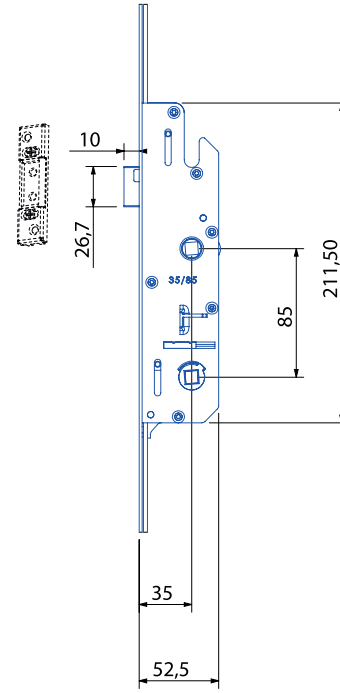
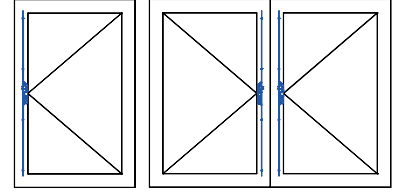
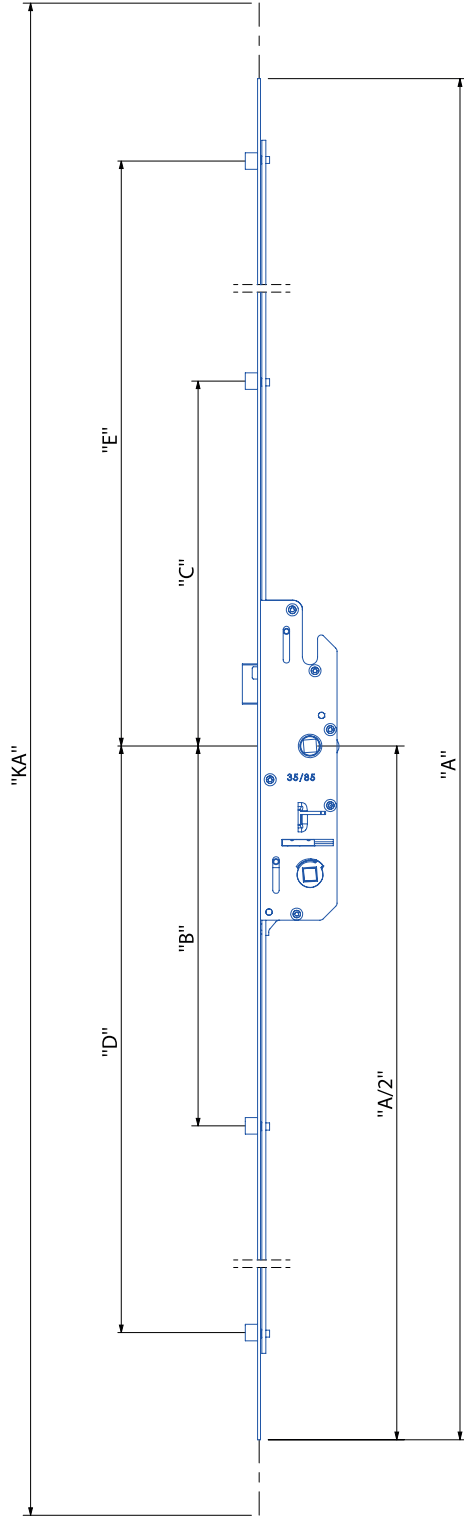
35/85 mm



ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 35-160 CD	1600-1800	1600	800	260	232	752	724	35	85	4	10	20
KKI 35-180 CD	1800-2000	1800	900	292	264	852	824	35	85	4	10	20
KKI 35-200 CD	2000-2200	2000	1000	327	300	952	924	35	85	4	10	20

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

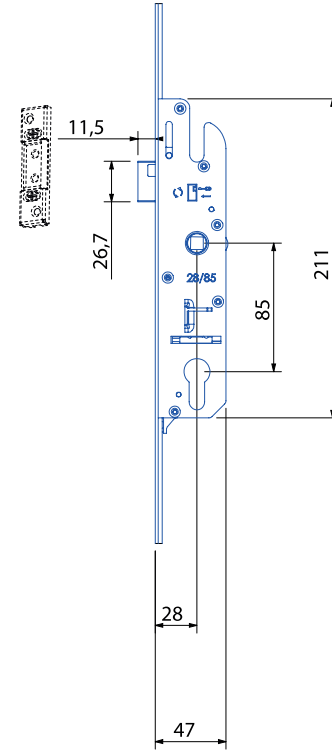
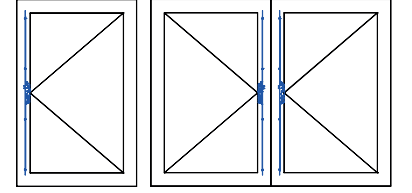
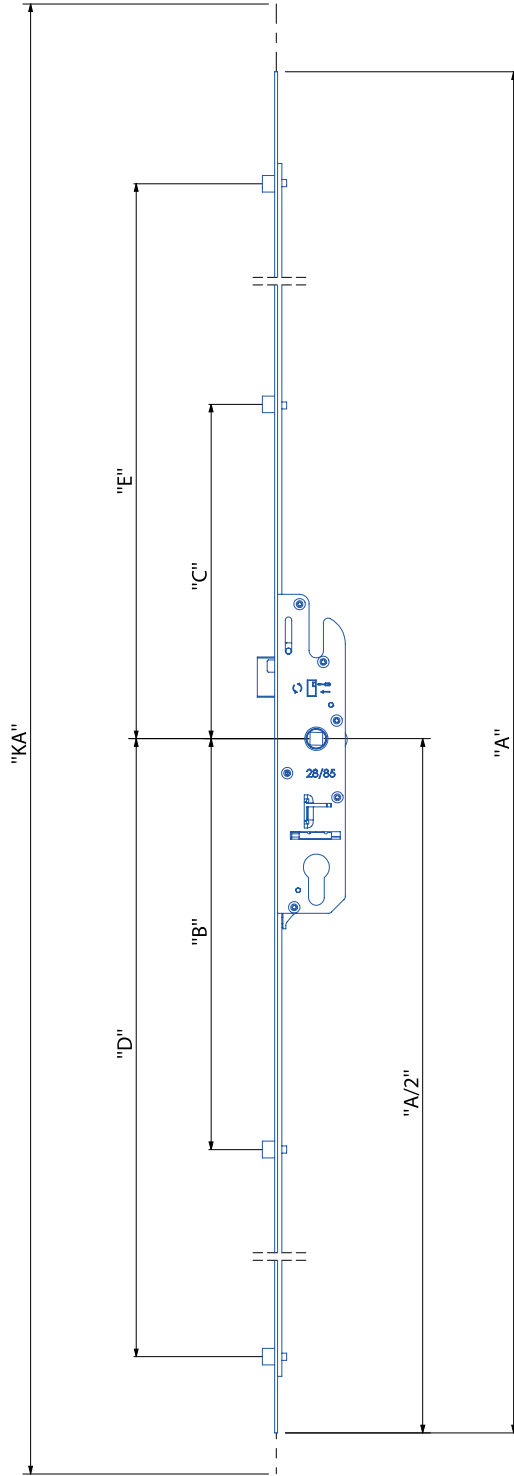
BARELSİZ 35/85 mm



ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 35-160 B	1600-1800	1600	800	260	232	752	724	25	85	4	10	20
KKI 35-180 B	1800-2000	1800	900	292	264	852	824	25	85	4	10	20
KKI 35-200 B	2000-2200	2000	1000	327	300	952	924	25	85	4	10	20

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

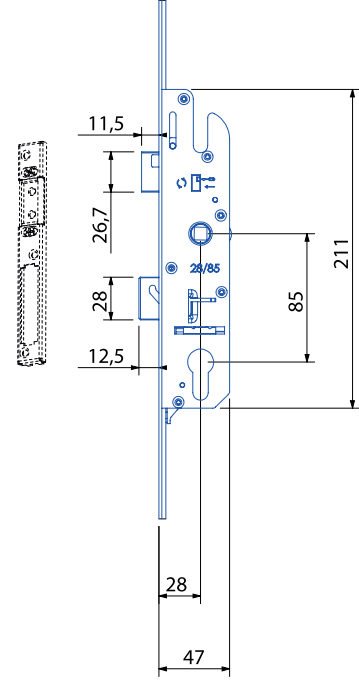
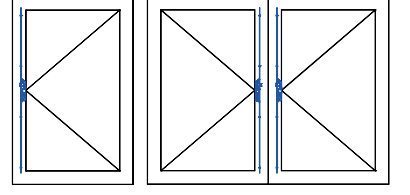
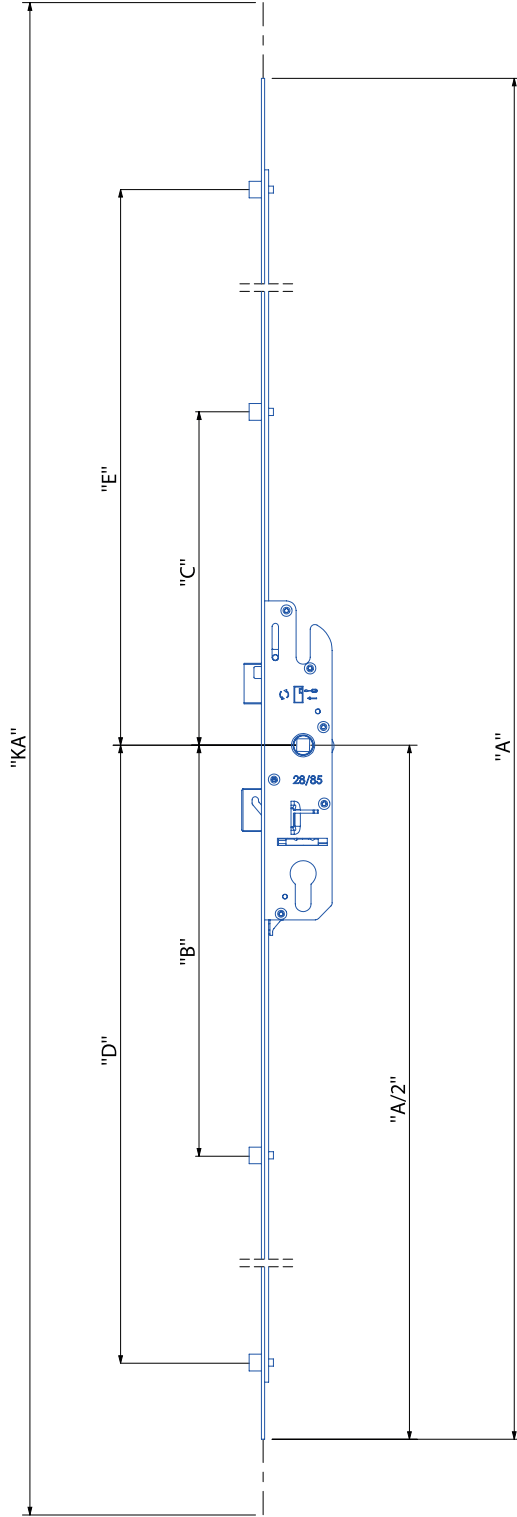
28/85 mm



 ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 28-160	1600-1800	1600	800	260	232	752	724	28	85	4	10	20
KKI 28-180	1800-2000	1800	900	292	264	852	824	28	85	4	10	20
KKI 28-200	2000-2200	2000	1000	327	300	952	924	28	85	4	10	20

ÇİFT DİLLİ KİLİTLİ KAPI İSPANYOLETİ

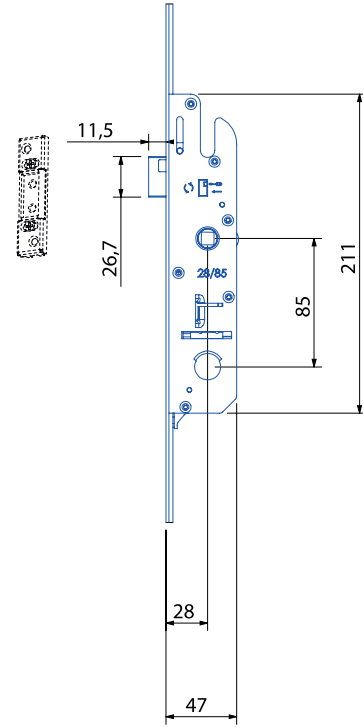
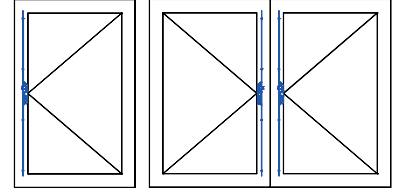
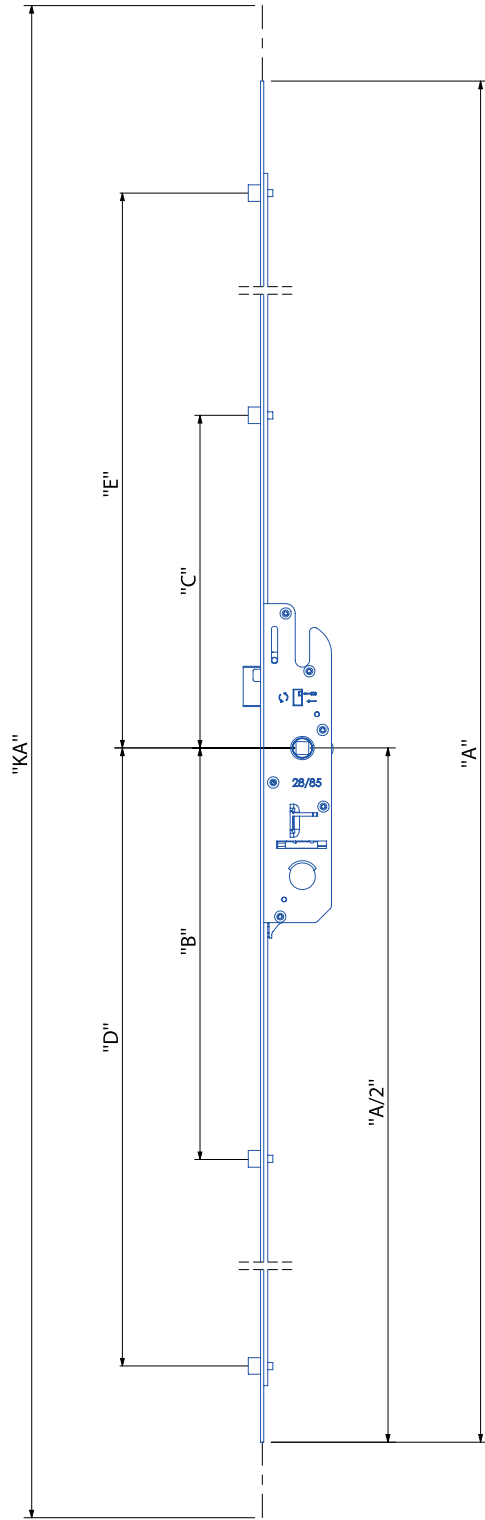
28/85 mm



 ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 28-160 CD	1600-1800	1600	800	260	232	752	724	28	85	4	10	20
KKI 28-180 CD	1800-2000	1800	900	292	264	852	824	28	85	4	10	20
KKI 28-200 CD	2000-2200	2000	1000	327	300	952	924	28	85	4	10	20

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

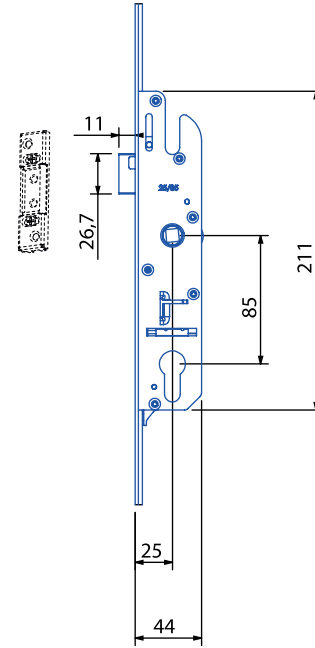
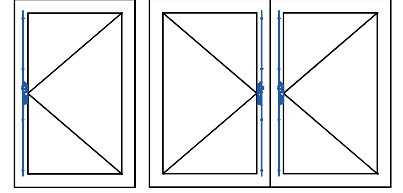
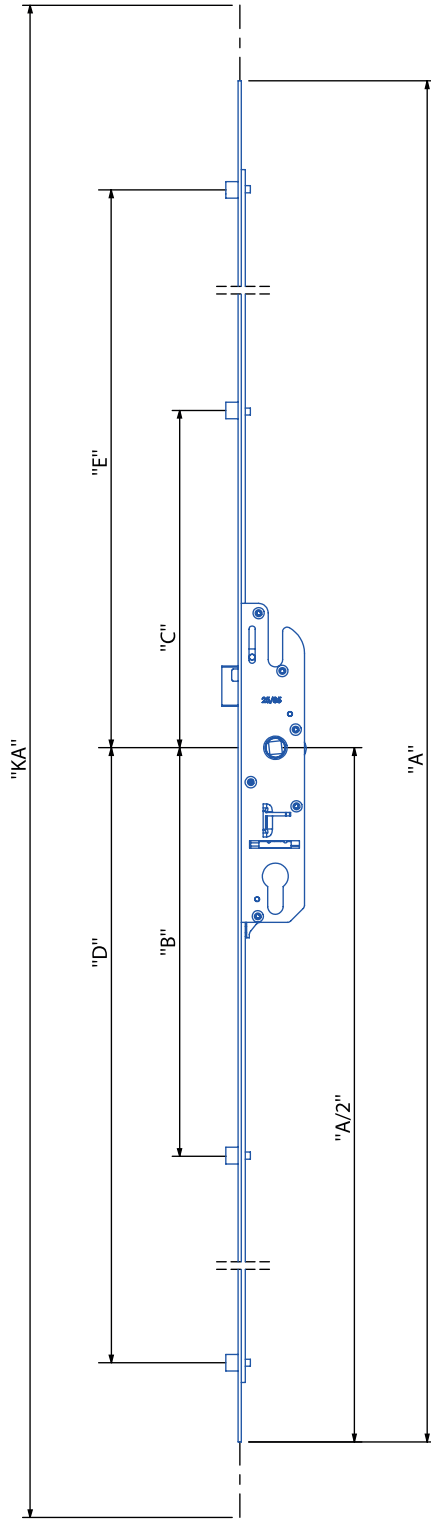
BARELSİZ 28/85 mm



 ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 28-160 B	1600-1800	1600	800	260	232	752	724	28	85	4	10	20
KKI 28-180 B	1800-2000	1800	900	292	264	852	824	28	85	4	10	20
KKI 28-200 B	2000-2200	2000	1000	327	300	952	924	28	85	4	10	20

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

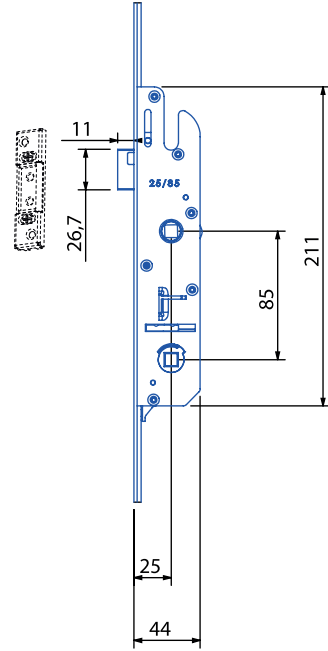
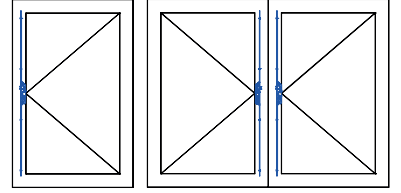
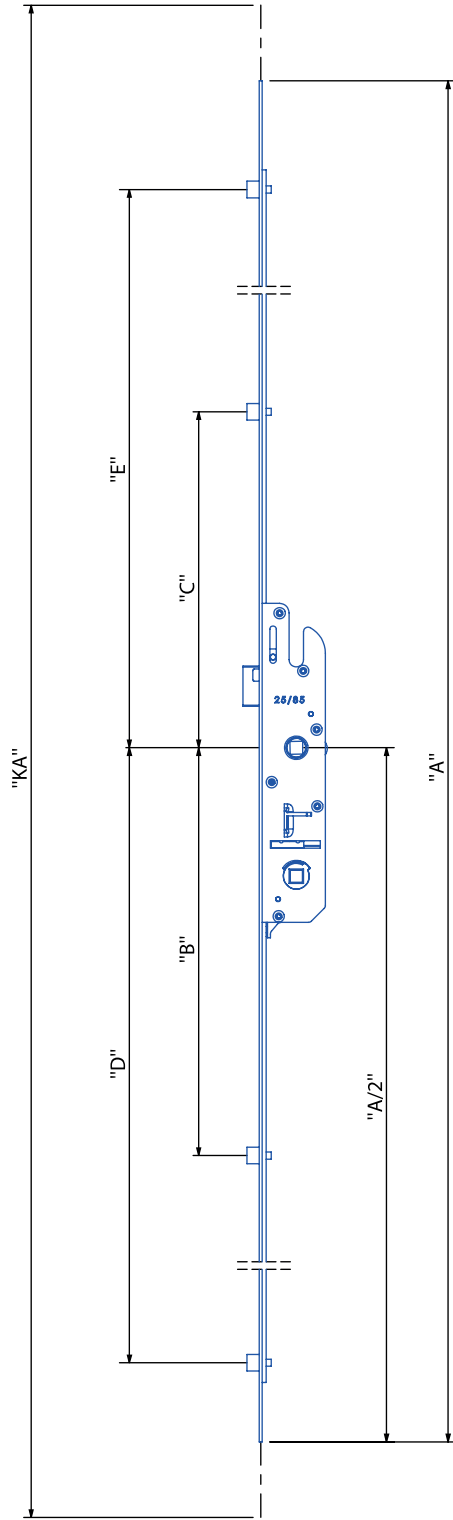
25/85 mm



ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENİ (mm)	EKSEN (mm)			
KKI 25-160	1600-1800	1600	800	260	232	752	724	25	85	4	10	20
KKI 25-180	1800-2000	1800	900	292	264	852	824	25	85	4	10	20
KKI 25-200	2000-2200	2000	1000	327	300	952	924	25	85	4	10	20

TEK DİLLİ KİLİTLİ KAPI İSPANYOLETİ

BARELSİZ 25/85 mm



ÜRÜN KODU	"KA" (KULLANIM ARALIĞI)	'A'	'A/2'	'B'	'C'	'D'	'E'	KOL EKSENI (mm)	EKSEN (mm)			
KKI 25-160 B	1600-1800	1600	800	260	232	752	724	25	85	4	10	20
KKI 25-180 B	1800-2000	1800	900	292	264	852	824	25	85	4	10	20
KKI 25-200 B	2000-2200	2000	1000	327	300	952	924	25	85	4	10	20



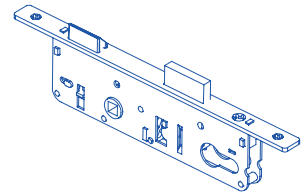
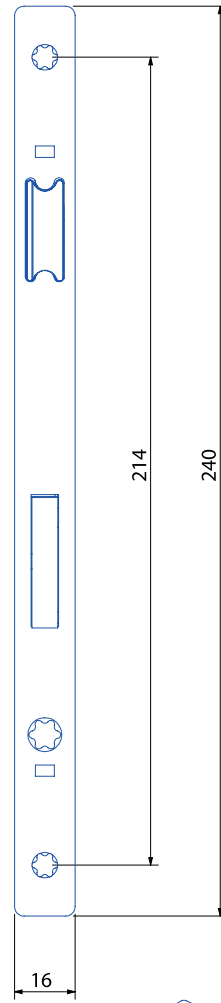
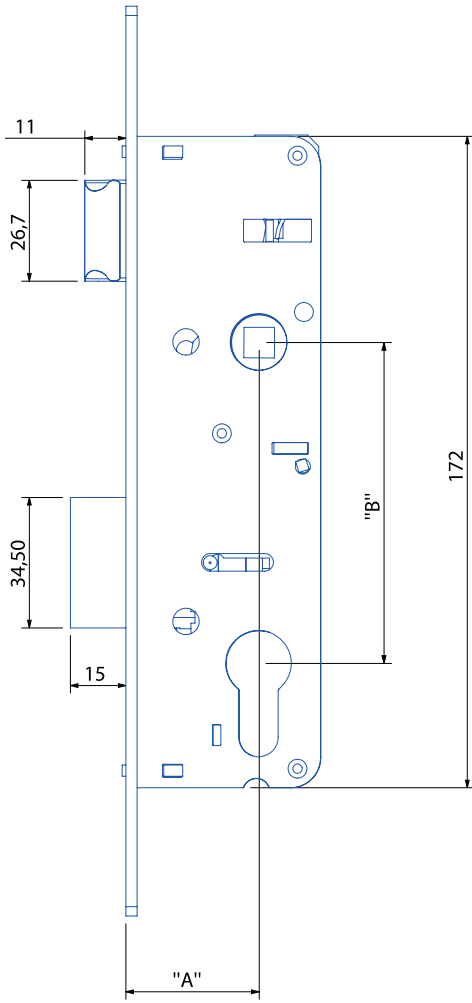
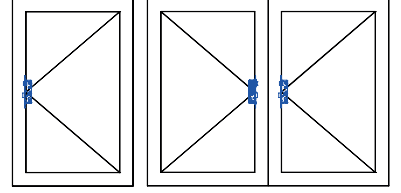
KAPI VE PENCERE SİSTEMLERİ

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KAPI KİLİTLERİ

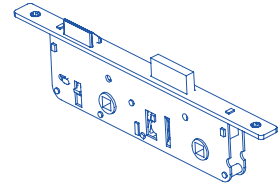
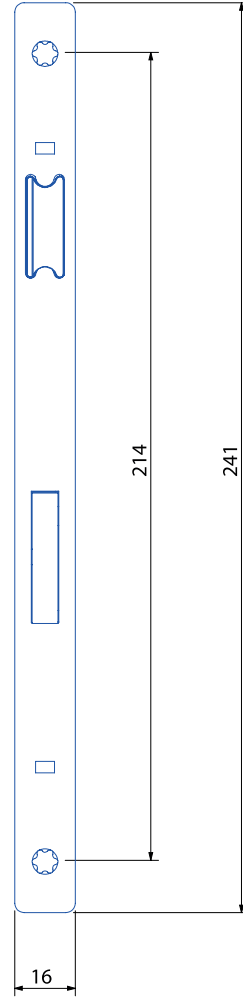
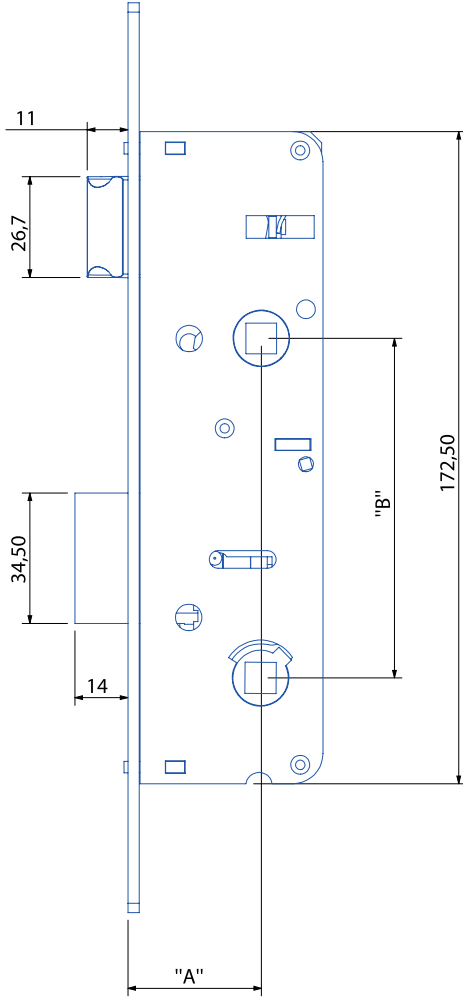
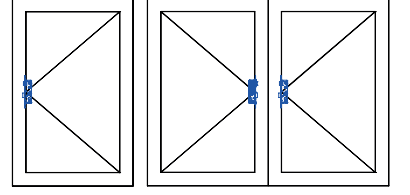
SİLİNDİRLİ KAPI KİLİDİ

METAL GÖVDE / 85 mm



	ÜRÜN KODU	KOLEKSENİ "A" (mm)	EKSEN "B" (mm)	AYNA ENİ (mm)	AYNA BOYU (mm)	
	M.YSK 100-25	25	85	16	240	40
	M.YSK 100-35	35	85	16	240	40

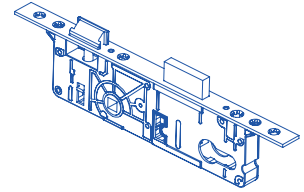
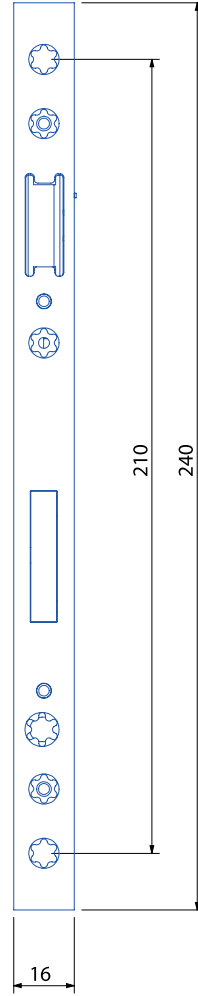
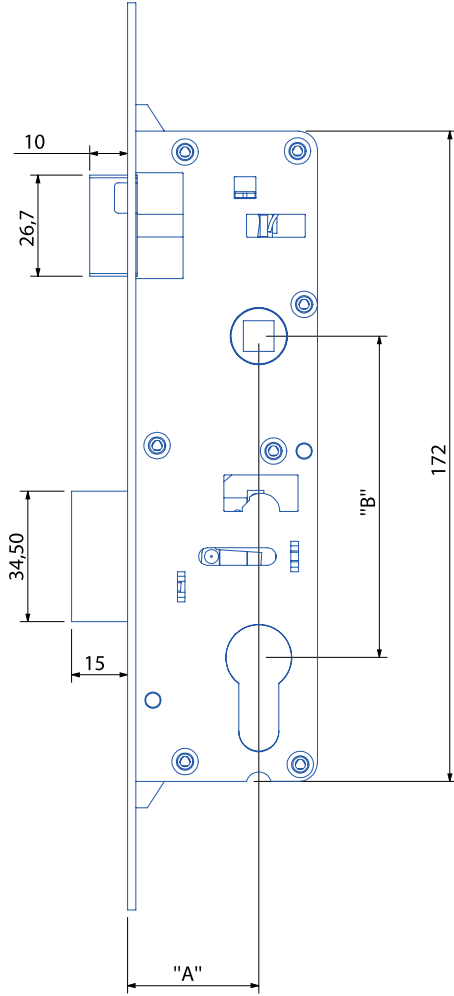
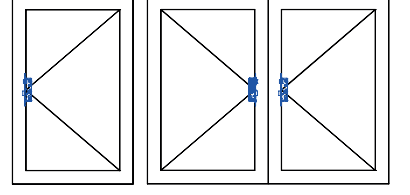
WC KAPI KİLİDİ
METAL GÖVDE / 90 mm



	ÜRÜN KODU	KOLEKSENİ "A" (mm)	EKSEN "B" (mm)	AYNA ENİ (mm)	AYNA BOYU (mm)	
	M.WCK 200-25	25	90	16	241	40
	M.WCK 200-35	35	90	16	241	40

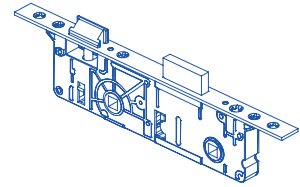
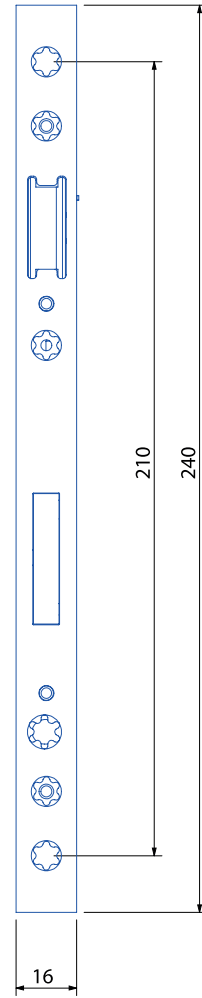
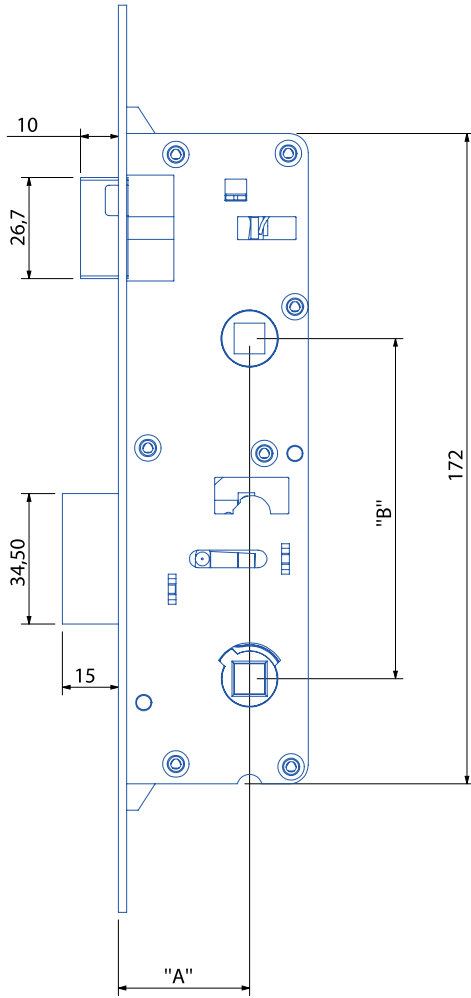
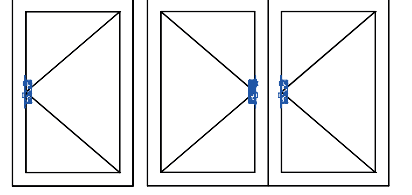
SİLİNDİRLİ KAPI KİLİDİ

PLASTİK GÖVDE / 85 mm



	ÜRÜN KODU	KOL EKSENİ "A" (mm)	EKSEN "B" (mm)	AYNA ENİ (mm)	AYNA BOYU (mm)	
	YSK 10-25	25	85	16	240	40
	YSK 10-35	35	85	16	240	40

WC KAPI KİLİDİ
PLASTİK GÖVDE / 90 mm



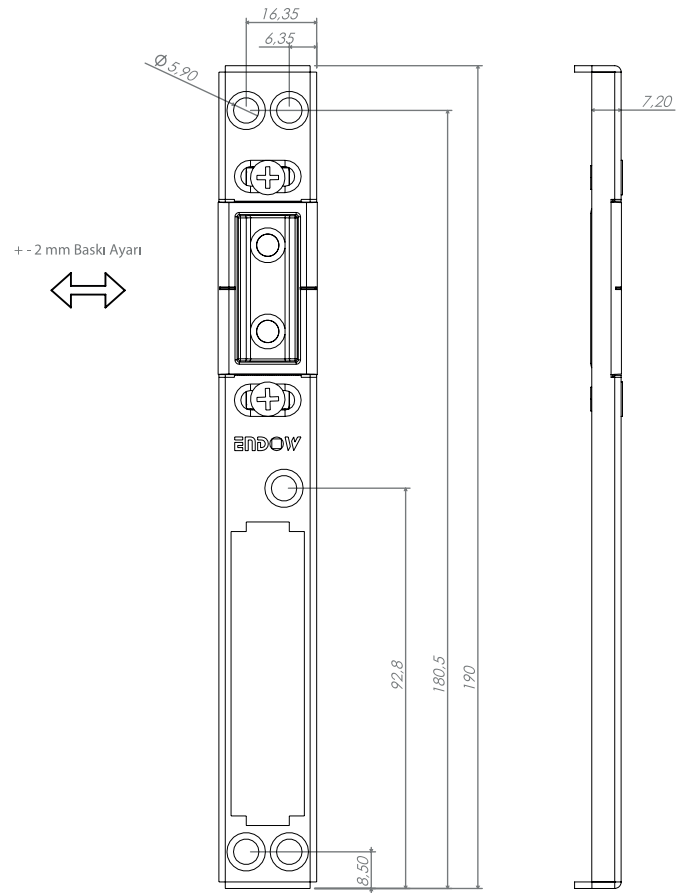
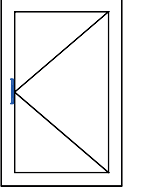
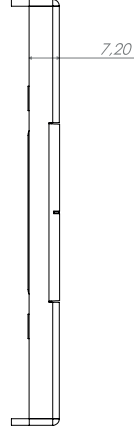
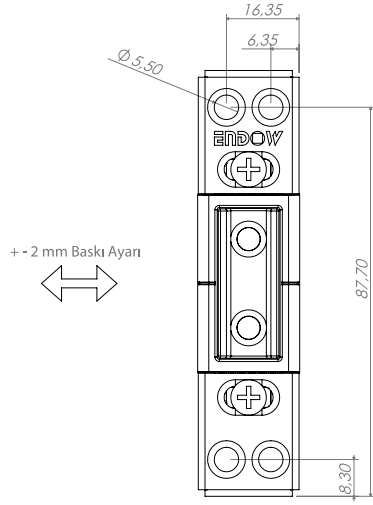
	ÜRÜN KODU	KOLEKSENİ "A" (mm)	EKSEN "B" (mm)	AYNA ENİ (mm)	AYNA BOYU (mm)	
	WCK 20-25	25	90	16	240	40
	WCK 20-35	35	90	16	240	40



KAPI VE PENCERE SİSTEMLERİ

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KİLİT KARŞILIKLARI



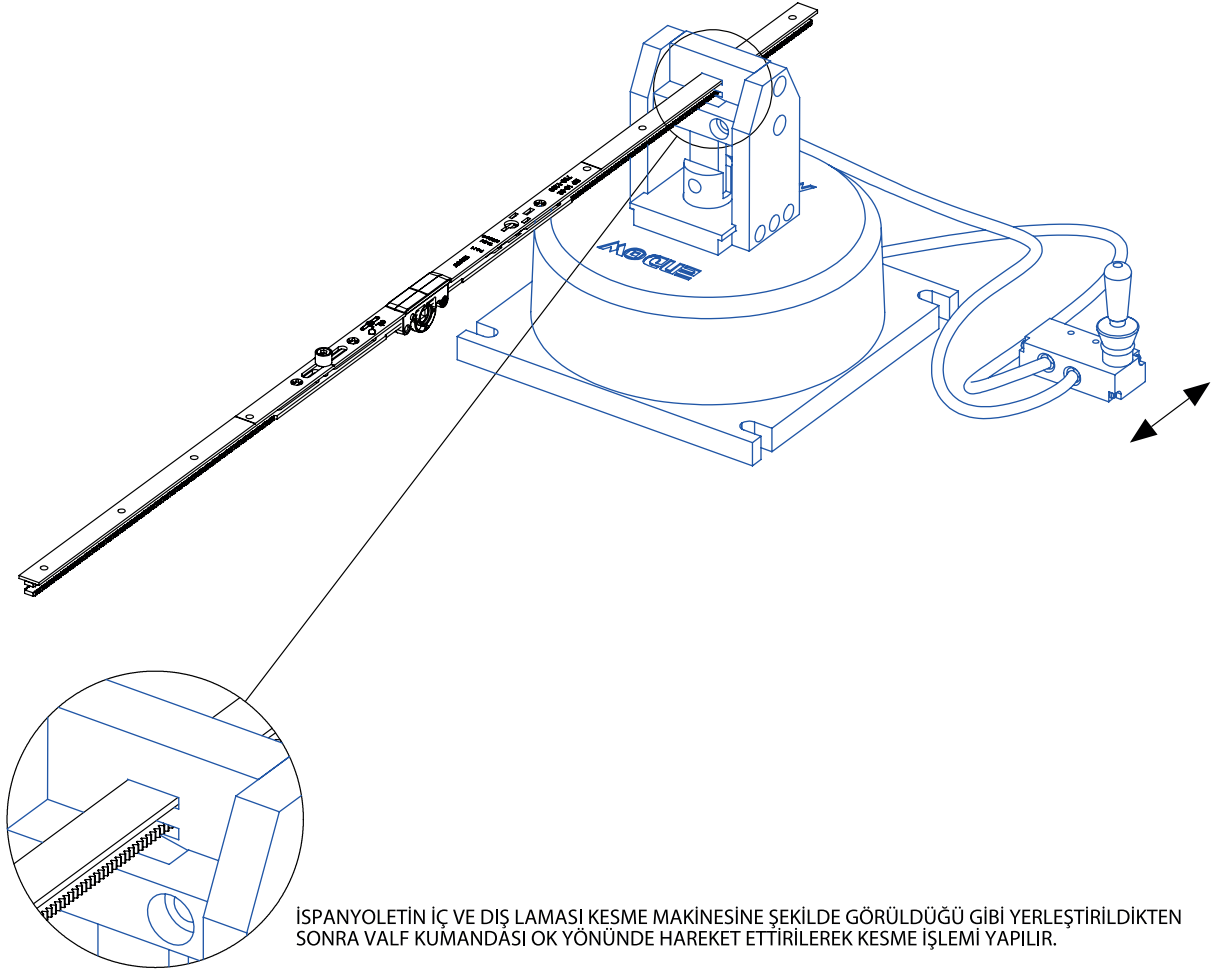
 ÜRÜN KODU	ÜRÜN		
KKA 40-01	AYARLI KİLİT KARŞILIĞI - KISA	4	200
KKA 40-02	AYARLI KİLİT KARŞILIĞI - UZUN	5	100



KAPI VE PENCERE SİSTEMLERİ

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İSPANYOLET
KESME MAKİNASI



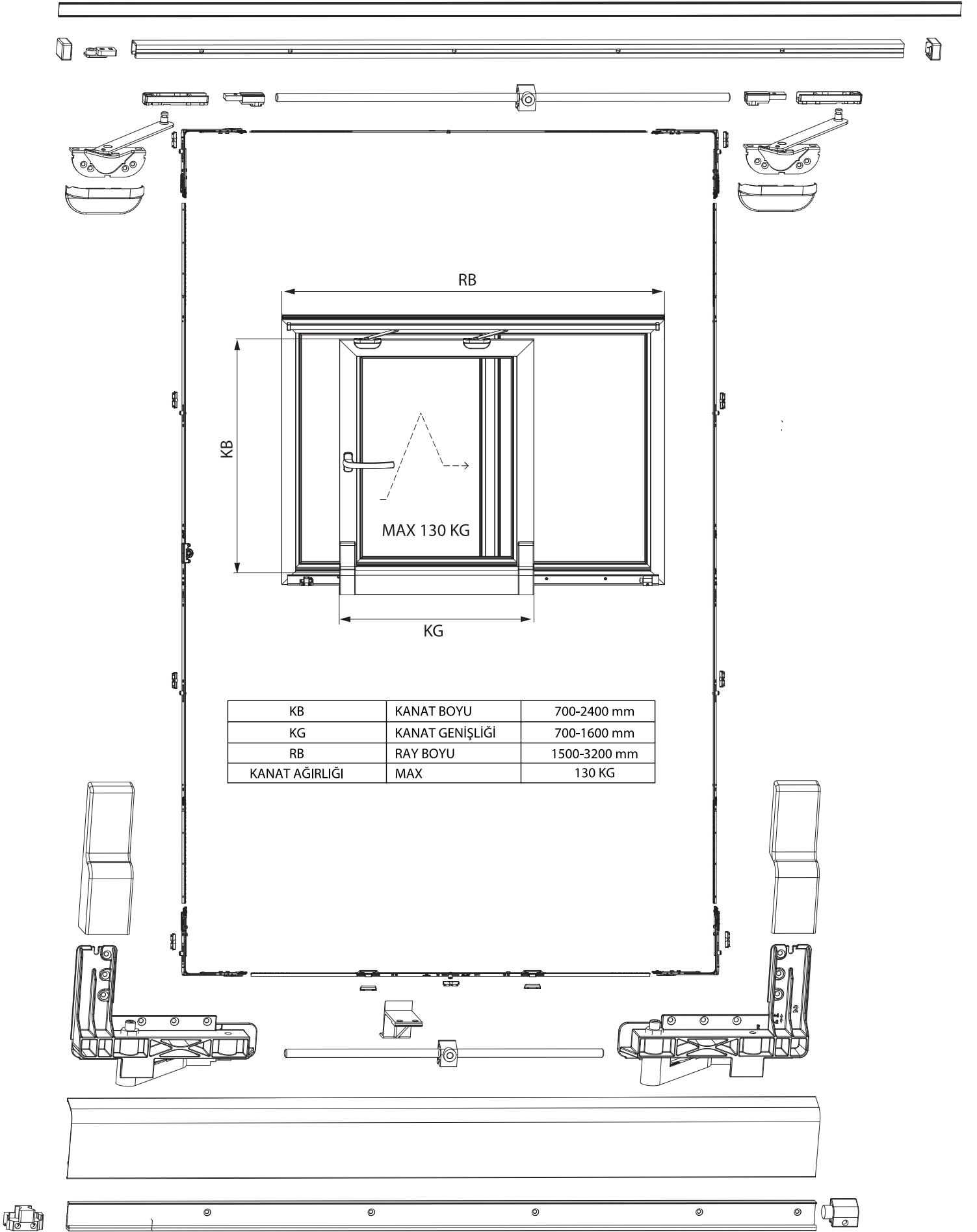
	ÜRÜN KODU	ÜRÜN ADI
	IKM 01	İSPANYOLET KESME MAKİNESİ



KAPI VE PENCERE SİSTEMLERİ

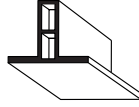
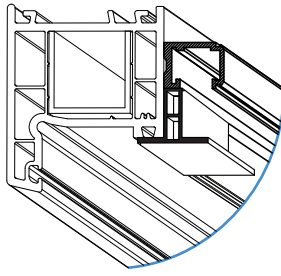
28

PARALEL SÜRME SİSTEMİ

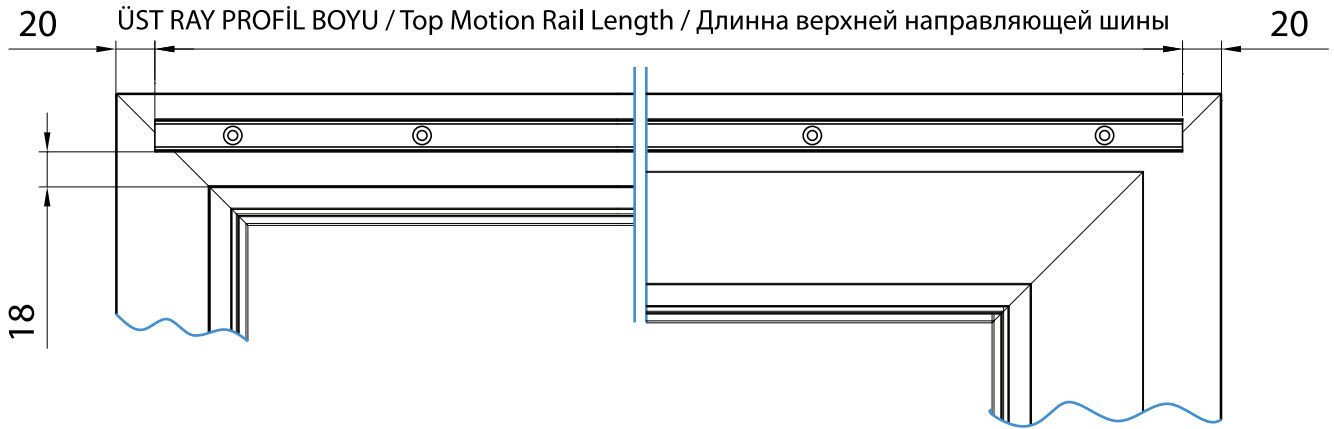
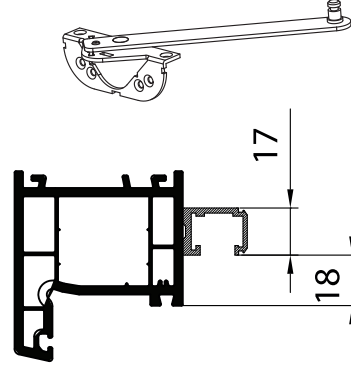
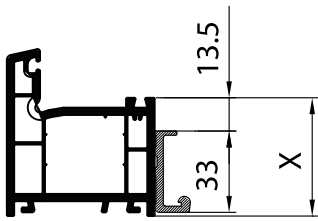


1. ÜST RAY MONTAJI / Top Motion rail Assembly / Инструкция монтажа верхней направляющей шины

Ekonomik Üst Grup İçin Üst Ray Montaj Ölçüleri
Top Rail Assembly sizes for Manuel P.S. Top Set
Размеры эконо варианта верхней направляющей шины

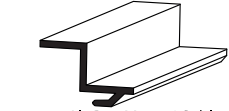
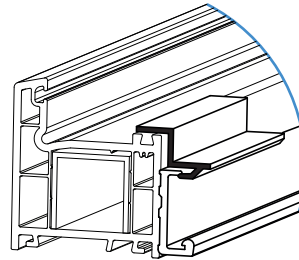


Üst Ray Montaj Şablonu
Top Rail Assembly jig
Шаблон верхней направляющей шины

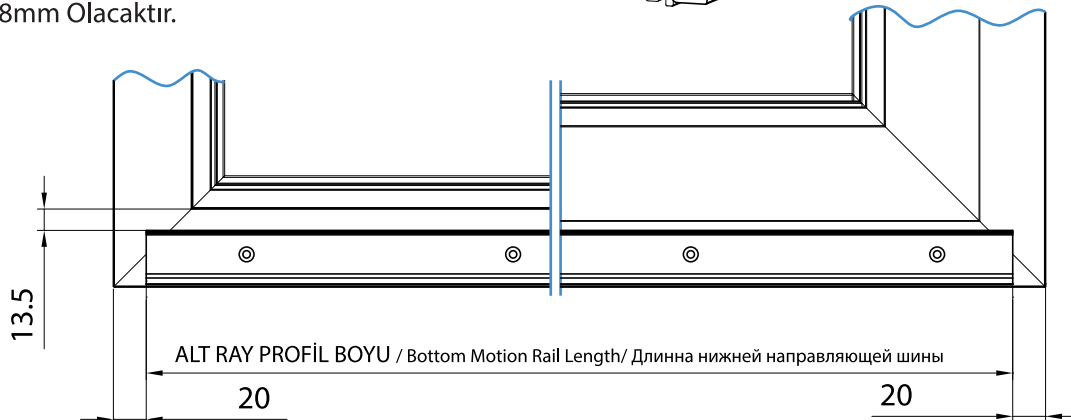

2. ALT RAY PROFİL MONTAJI / Bottom Motion Rail Assembly/ Инструкция монтажа нижней направляющей шины


X = Min. 48mm Olacaktır.

Alt Ray İçin Montaj Ölçüleri
Assembly sizes for Bottom Rail
Размеры нижней направляющей шины

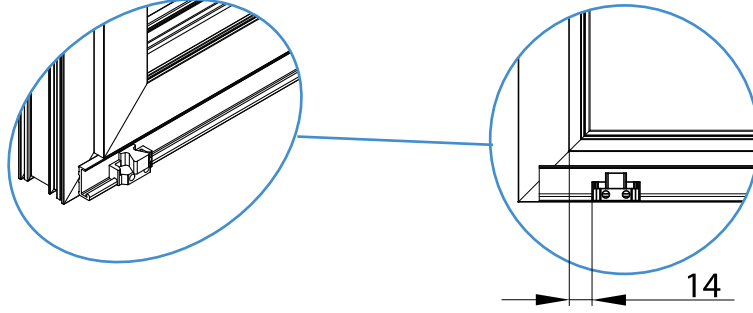


Alt Ray Montaj Şablonu
Bottom Rail Assembly jig
Шаблон нижней направляющей шины



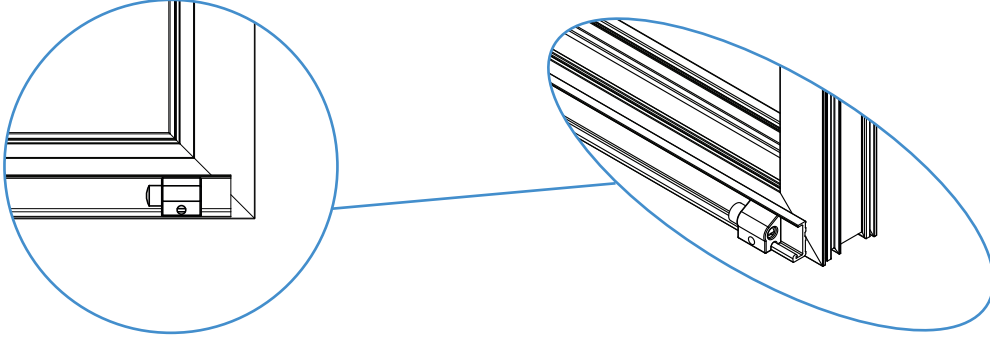
3. KANAT DEVİRME ELEMANI MONTAJI / Locking Template Assembly / Инструкция монтажа ограничителя

- a- Kanat devirme elemanı kanadın kapanacağı yönde , kasa iç köşesinden 14mm içeride 4mm alyen anahtarı ile montajlayınız.
- b- Profilin tüm montaj işlemlerini tamamladıktan sonra son kilitleme kontrolünü yapınız.
- a- Locking Template should be assembled with a 4mm allen wrench, 14mm near the frame's inside corner by the direction that the sash closes.
- b- After all the steps of assembling profile is done, last locking should be done.
- a- Стопор или ограничитель закрепляется регулировочным ключом в закрывающем угле створки, после 14 мм. от внутреннего угла рамы.
- b- После установки стопора проверьте ограничения детали.



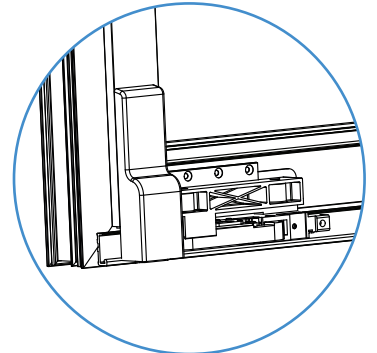
4. ALT STOPLAMA ELEMANI MONTAJI / Bottom Pad Assembly / Нижний амортизатор

- a- Kanadın açılmasını istediğiniz genişliğe uygun şekilde alt stoplama elemanının (sol/sağ) ayarını yaptıktan sonra 4mm alyen anahtar ile montajlayınız.
- a- After adjusting the bottom pad (left-right) in respect to your will of how wide you want the sash to open, you assemble it with a 4mm allen wrench.
- a- Регулируя нижний амортизатор определите расстояние открытой створки, после регулировочным ключём прикрепите амортизатор.



5. ÖN VE ARKA ARABA MONTAJI / Front and Back Rollers Assembly / Инструкция монтажа ведущей и замыкающей телеги

- a- Ön ve arka arabaların plastik kapağını çıkarmadan kanat kenarına yandan aynı hizaya getiriniz.
- b- Bu hizadayken arabaların alt kulaklarını kanadın alt kısmına dayayıp denk gelen yere vidalayınız
- c- Ön ve arka arabaların kapaklarını yerinden çıkartıp geri kalan delikleri vidalayınız
- a- Before takin off the plastic cover of front and back rollers, you should level them near the sash.
- b- After leveling them, bottom flaps of rollers should be leaning bottom of sash and then screwed.
- c- Covers of front and back rollers should be taken out and then the rest of the holes should be screwed.
- a- Ведущую или замыкающую телегу параллельно приставте с боку к створке, не разбирая накладки.
- b- В этом положении прикрепите нижние выступы тележки к створке.
- c- Снимите накладку с ведущей и замыкающей телеги и прикрепите остальные места.



6. BAĞLANTI ÇUBUĞU MONTAJI / Connection Piece Assembly/ Инструкция монтажа нижней соединительной тяги

- a- Çubuk boyunu alttaki formülle hesaplayıp çıkan ölçüye göre kesiniz.
- a- Connection Piece's length should be calculated in respect to the formula below and then cut accordingly.
- a- Вычислите длину соединителя тяги формулой указанной внизу.

BAĞLANTI ÇUBUĞU BOYU HESAPLAMA FORMÜLÜ

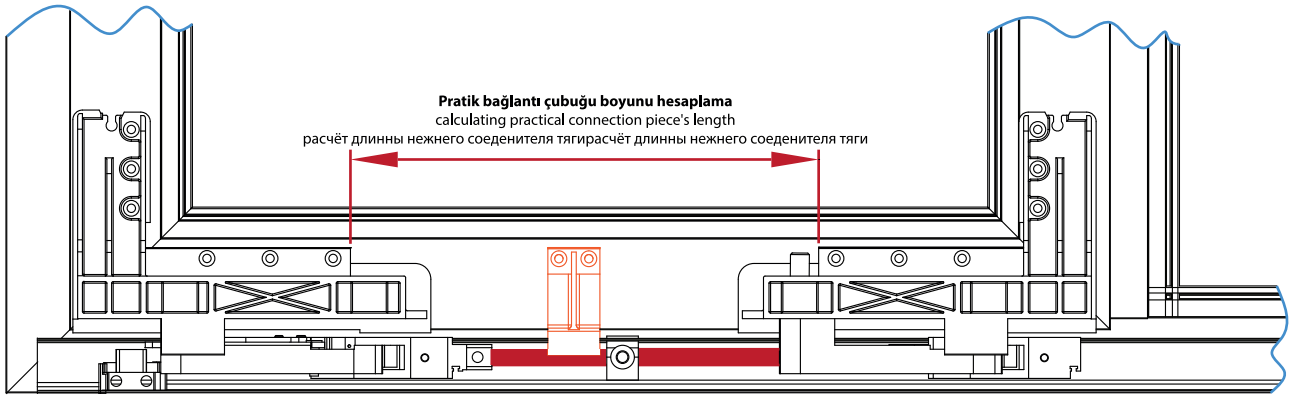
Bağlantı Çubuğu = Kanat Boyu 356 mm

Connection Piece Calculation Formula

Connection Piece = Sash length 356mm

формула для вычисления длины соединителя тяги.

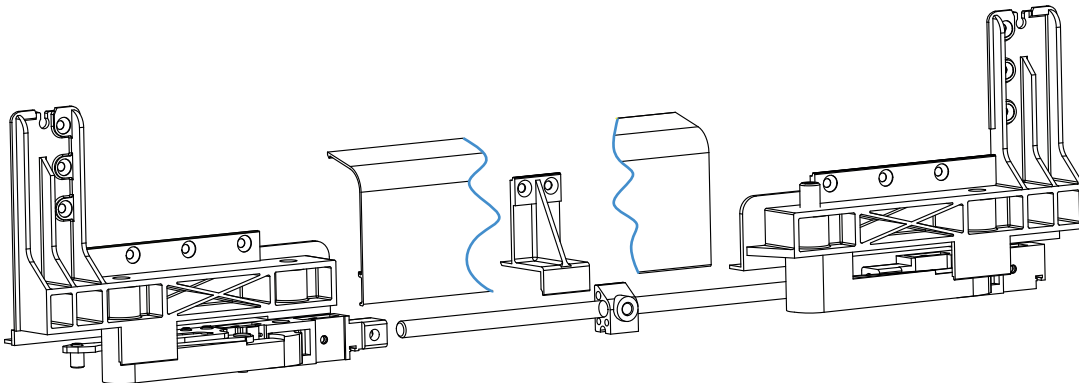
Нижний соединитель тяги = Ширина створки 356 мм



- b- Bağlantı çubuğu destek takozunu, alt bağlantı çubuğundan geçirin ve çubuğu ön ve arka arabalardaki yerlerine takıp kapalı konuma getiriniz.
- c- İki ayağın birbirine paralellliğini kontrol ederek 4 mm alyen anahtarı ile sıkınız.
- d- Kapak destek parçasını taşıyıcı arabaların ortasına gelecek şekilde vidalayınız.

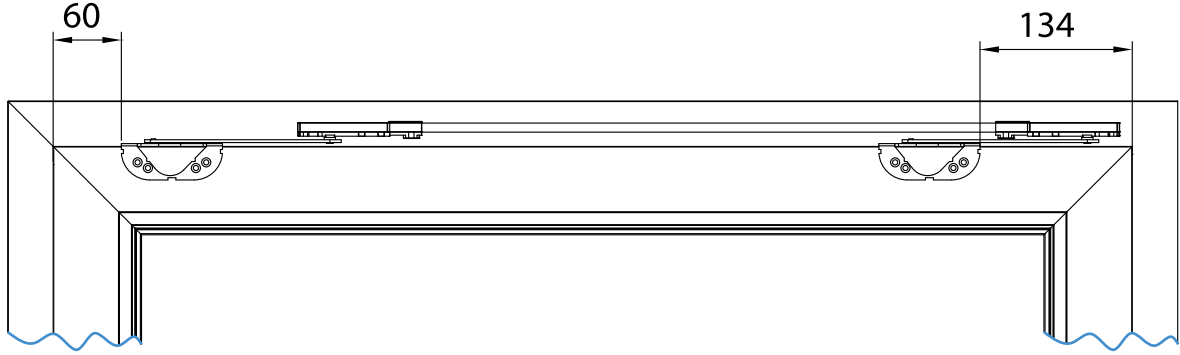
- b- Connection piece should be connected to the support template by bottom connection piece and connection piece's ends should be fixed to front and back rollers, and locked.
- c- Two sides should be checked in order to be parallel and assemble with a 4mm allen wrench.
- d- Cover support piece should be screwed in a middle position between rollers.

- b- Проведите соединительную тягу через держатель, два конца нижнего соединителя тяги прикрепите с ведущей и замыкающей телегой.
- c- Проверьте параллельность двух сторон соединителя тяги, после прикрепите регулировочным ключём.
- d- Прикрепите опору декоративной накладки по центру между ведущей и замыкающей телегой.

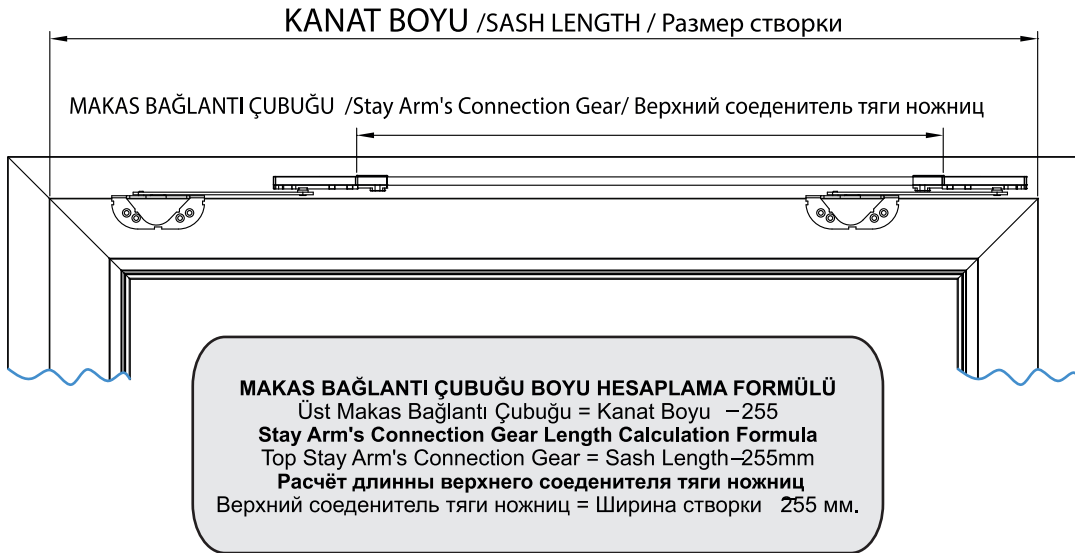


7. MAKASLARIN MONTAJI / Top Stay Arm's Assembly / Инструкция монтажа комплекта ножниц

- a- Makasları alttaki ölçülere göre yerlerine montajlayınız.
 a- Top Stay Arms should be assembled according to the dimensions below.
 a- Прикрепите ножницы по указанным размерам в рисунке


8. MAKAS BAĞLANTI ÇUBUĞU MONTAJI / Top Stay Arm's Connection Gear Assembly / Верхняя соединительная тяга ножниц

- a- Kanat Genişliği 120cm den sonra Makas bağlantı çubuğu kullanılacaktır.
 b- Çubuk boyunu alttaki formül vasıtasıyla hesaplayıp, çıkan ölçüye göre kesin.
 a- if the sash length is over 120cm, then stay arm connection piece will be used
 b- Stay Arm sleds, Top Stay Arm's Connection Gear and rail end covers should be adjusted.
 a- После 120 см. ширины створки используется соединитель ножниц.
 b- Длину верхнего соединителя тяги ножниц вычислите формулой внизу

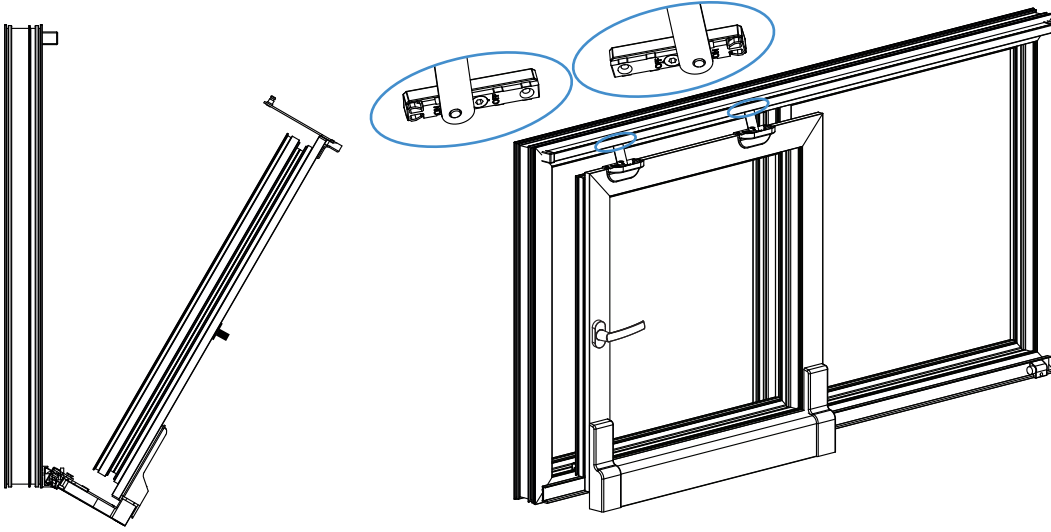


- c- Makas ray bağlantı elemanını, makas bağlantı çubuğunu ve üst ray uç kapaklarını yerlerine montajlayın.
 c- Stay Arm sleds, Top Stay Arm's Connection Gear and rail end covers should be adjusted.
 c- Прикрепите рычаги ножниц, заглушки направляющей шины и верхний амортизатор.



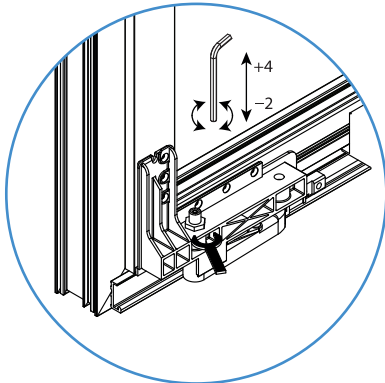
9. KANADIN KASADAKİ RAYLARA OTURTULMASI / Mounting Sash on the rails of frame / Установка створки на тяги рамы

- a-** Kanadın alt hareket rayına eğik bir biçimde yaklaştırıp ön ve arka arabaları raya oturtunuz.
- b-** Makasların pimlerini üst rayın içindeki makas ray bağlantı elemanı yuvalarına oturtun. Ray bağlantı elemanı üzerindeki civatayı 4 mm alyen anahtarı ile ON konumundan OFF konumuna getirin. Güvenli bir şekilde kilitlendiğinden emin olun.
- a-** Sash should be adjusted on the Bottom Motion Rail in tilted position.
- b-** The pins on top of Stay Arm should be assembled to the sled slots in the rails. You can make On and OFF at Stay Arm pins with a 4mm allen wrench.
- a-** В откидном положении подведите нижнюю часть, установите ведущую и замыкающую телегу на нижней тяге рамы.
- b-** Соедините верхние ножницы на отверстие рычага ножниц. С помощью регулировочного ключа измените позицию ON(открыто) на позицию OFF(закреть). Проверьте закрепили ли правильно створку.


10. KANAT YÜKSEKLİK AYARI

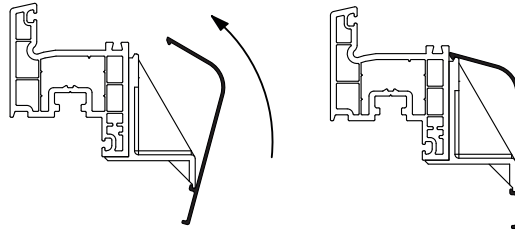
Sash Length Setup/ Вертикальная регулировка створки

- a-** Ön ve arka araba üzerindeki somunu yarım ağızlı 19 anahtar ile gevşetin.
- b-** Kapıyı elinizle kaldırarak 4 mm alyen anahtar ile yükseklik ayarını yapın.
- c-** Ayar işlemi bitince somunu iyice sıkın.
- a-** On top of front and back rollers, soften the turnscREW with a 19mm Allen wrench.
- b-** Lift up the door in order to make height adjustment with a 4mm Allen wrench.
- c-** When the adjustment is done, tighten the turnscREW.
- a-** Ослабьте гайку на ведущей и замыкающей телеге с помощью 19 мм. гайечным ключём.
- b-** Поднимая створку в ручную с помощью регулировочного ключа установите высоту створки.
- c-** После регулировки вертикального положения створки закрепите гайку.


11. KAPAK PROFİLİ MONTAJI

Cover Profile Assembly/ Инструкция утановки накладки направляющей шины

- a-** Ön ve arka araba kapakları arasında hassas ölçü alarak kapak profilini kesip, montajını yapın
- a-** With a sensitive calculation, you can cut off the cover profile between front and back roller covers and assemble.
- a-** Точно определите расстояние между накладками ведущей и замыкающей телеги, установите накладку.

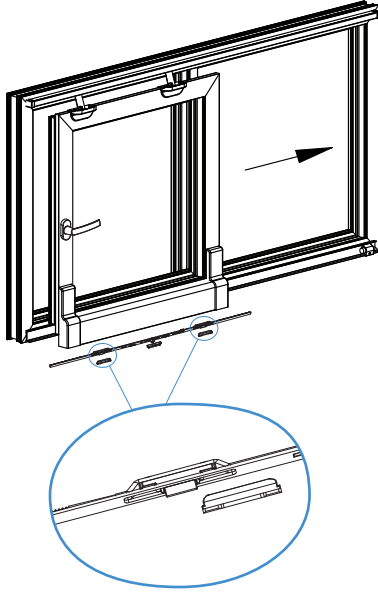


12. SOLA KAPANIR YARI OTOMATİK P.S.SİSTEMİ

Semi-Automatic Parallel Sliding System (opens right)

Параллельно раздвижная система полуавтомат – правая

- a- Yarı otomatik yakalama ispanyolet parçasını konumunu göz önüne alarak montajlayınız.
- a- Assemble semi-automatic espagnolette part considering the location of the espagnolette keeper
- a- Учитывая позицию сборки, полуавтоматический захват испаниолета.

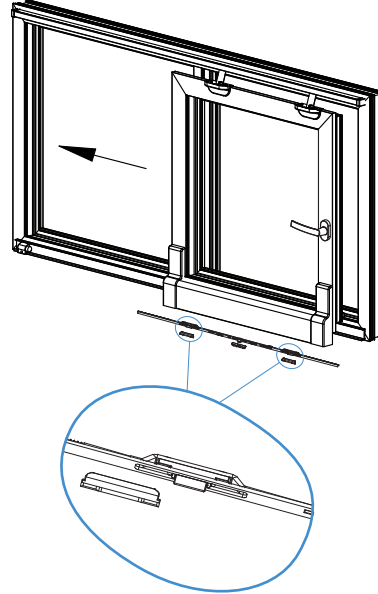


13. SAĞA KAPANIR YARI OTOMATİK P.S.SİSTEMİ

Semi-Automatic Parallel System (opens left)

Параллельно раздвижная система полуавтомат – левая

- a- Yarı otomatik yakalama ispanyolet parçasını konumunu göz önüne alarak montajlayınız.
- a- Assemble semi-automatic espagnolette part considering the location of the espagnolette keeper
- a- Учитывая позицию сборки, полуавтоматический захват испаниолета.

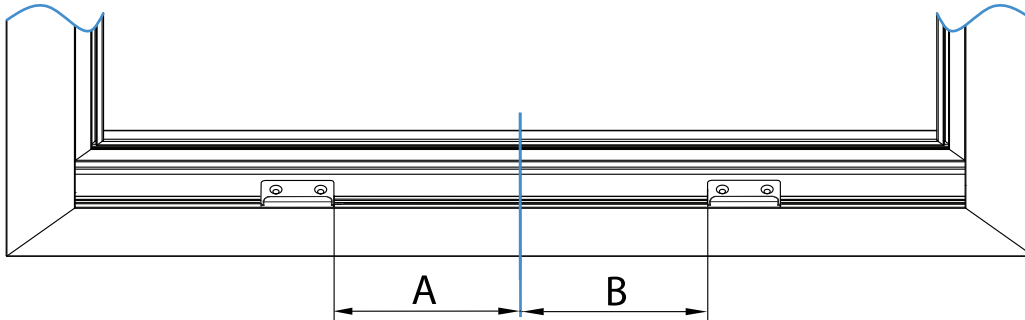


14. YAKALAMA İSPANYOLETİ KARŞILIK MONTAJI:

Assembly Keeper Espagnolette Striker

Установка ответной планки привода для полуавтомата

- a- Yarı otomatik alt pim karşılığını montajlamak istediğiniz sistemi aşağıdaki tablodan bularak istenilen ölçülerde montajlayınız.
- a- Semi-Automatic bottom pin striker will be assembled according to the system you like in respect to the table below.
- a- Внизу в таблице указаны расстояние ответной планки привода для полуавтомата.



System Name	A	B
Sola Kapanır Yarı Otomatik Parelel Sürme Sistemi 700-900 yakalama ispanyoleti için	62	130
Sola Kapanır Yarı Otomatik Parelel Sürme Sistemi 900-1400 yakalama ispanyoleti için	168	236
Sola Kapanır Yarı Otomatik Parelel Sürme Sistemi 1100-1600 yakalama ispanyoleti için	268	336
Sağa Kapanır Yarı Otomatik Parelel Sürme Sistemi 700-900 yakalama ispanyoleti için	130	62
Sağa Kapanır Yarı Otomatik Parelel Sürme Sistemi 900-1400 yakalama ispanyoleti için	236	168
Sağa Kapanır Yarı Otomatik Parelel Sürme Sistemi 1100-1600 yakalama ispanyoleti için	336	268



KAPI VE PENCERE SİSTEMLERİ

01

BAKIM VE ONARIM TABLOSU

Nachweis

Baubeschläge, Beschläge für Fenster und Fenstertüren
gemäß EN 13126-8 : 2006

Prüfbericht

Nr. 12-000915-PR01
(PB-G03-03-de-01)



Auftraggeber

ENSAN KALIP ve MAKINA
SAN. TIC. LTD. STI
4.Esensehir Mah.Marasal Fevzi
Cakmak Cad.Pirlanta sok. No:61
Y.Dudullu-Ümraniye/Istanbul
Türkei

Produkt

Drehkipp-Beschlag für Fenster

Bezeichnung

ENDOW tilt & turn

Leistungsrelevante
Produktdetails

Flügelmaß (B x H): 1401 mm x 1301 mm;
Rahmenmaterial: PVC/U weiß,
Flügelgewicht: 41,4 kg,
Beschlag: ENDOW tilt & turn / Ensan Kalip ve Makina Ltd.
Şti.
Beschreibung der blendrahmenseitigen Beschlagsausführung:
Scherenband: MNT 14-02, Scherenlager: MNT 14-06,
Eckband: TUM 21-03, Ecklager: MNT 14-15

Besonderheiten

-/-

Grundlagen

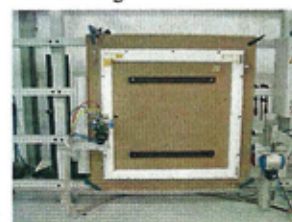
EN 13126-1 : 2011
EN 13126-8 : 2006

Prüfnormen:

EN 13126-8 : 2006

Entsprechende nationale Fas-
sungen (z.B. DIN EN)

Darstellung



Verwendungshinweise

Dieser Prüfbericht dient zum
Nachweis der Anforderungen
von Fensterbeschlägen gemäß
EN 13126-8 : 2006.

Die Bestimmungen aus
EN 13126-8 : 2006 zur Kenn-
zeichnung und Konformitäts-
bewertung der Bauprodukte
sind zu beachten.

Ergebnis

Klassifizierung gemäß EN 13126-8 : 2006

Ge- brauchs- kategorie	Dauer- funktions- tüchtigkeit	Masse	Feuerbe- ständigkeit	Ge- brauchs- sicherheit	Korrosi- ons- bestän- digkeit	Schutz- wirkung	Anwen- dung	Prüf- größen
-	4	080	0	1	4	-	8	1300/ 1200

ift Rosenheim

26. Oktober 2012

Andreas Matschi, Dipl.-Ing. (FH)
Prüfstellenleiter
Bauteile

Alexander Sauer, Dipl.-Ing. (FH)
Produktingenieur
Bauteile

Gültigkeit

Die genannten Daten und Ein-
zelergebnisse beziehen sich
ausschließlich auf den geprüf-
ten/ beschriebenen Probekör-
per. Die Klassifizierung gilt so
lange bis das Produkt unverän-
dert ist und die o.g. Grundlagen
sich nicht geändert haben. Das
Ergebnis kann unter Beachtung
entsprechender Festlegungen
der Produktnorm in Eigenver-
antwortung des Herstellers
übertragen werden. Diese Prü-
fung/Bewertung ermöglicht kei-
ne Aussage über weitere
leistungs- und qualitätsbestim-
mende Eigenschaften der vor-
liegenden Konstruktion; insbe-
sondere Witterungs- und Alte-
rungseinflüsse wurden nicht be-
rücksichtigt.

Veröffentlichungshinweise

Es gilt das ift-Merkblatt "Wer-
bung mit ift-
Prüfdokumentationen". Das
Deckblatt kann als Kurzfassung
verwendet werden.

Der Nachweis umfasst insge-
samt 18 Seiten.

Declaration of Conformity Uygunluk Beyanı



The manufacturer **ENSAN KALIP MAKİNA SAN.VE TİC.LTD.ŞTİ.**
Declares that the product “**Building Hardware-For Windows and Doors Height
Windows,Tilt&Turn**” comply to the Essential Requirements of the Directive:

(89/106/ EEC) Construction Product Directive

Üretici **ENSAN KALIP MAKİNA SANAYİ VE TİC.LTD.ŞTİ.**
Bina Hırdavatı-Pencereler ve Camlı Dış Kapılar İçin, Devirmeli&Döndürmeli
Mamullerinin (89/106/ EEC) Yapı Malzemeleri Yönetmeliği'ne uygunluğunu beyan eder.
Standards Applied/ Uygulanan Standartlar: TS EN 13126-1, TS EN 13126-8/Feb.2007

Signature:

2009 May, 25

Yakup ENGİN
General Manager

ENSAN KALIP ve MAKİNA
SANAYİ TİCARET LTD. ŞTİ.
4.Esentepe Mh. Marşal Fevzi Çakmak Cd.
Pirianta Sk. No:61 Ümraniye - İSTANBUL
Sicil No: 3250055028



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.AG88.H60770

Срок действия с 07.08.2013 по 06.08.2016

№ 1379036

ОРГАН ПО СЕРТИФИКАЦИИ рег. № РОСС RU.0001.11AG88.OOO "Проксима". 115682, РФ, г. Москва, ул. Шипиловская, д. 64, корп. 1, оф. 147, тел. (495) 626-24-62, факс (495) 626-24-62, E-mail os.proksima@mail.ru.

ПРОДУКЦИЯ Устройства поворотно-откидные, поворотные и откидные для оконных и балконных дверных блоков из поливинилхлоридных профилей т.м. «ENDOW», «ENSAN». Серийный выпуск.

код ОК 005 (ОКП):

49 8460

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ
ГОСТ 30777-2001, ГОСТ 538-2001

код ТН ВЭД России:

8302 49 900 0

ИЗГОТОВИТЕЛЬ «ENSAN KALIP VE MAKINA SAN.TIC.LTD.ŞTİ.». Адрес: 4. ESENŞEHİR MARAŞAL FEVZİ ÇAKMAK CAD.PİRLANTA SK. NO: 61 Y.DUDULLU-UMRANIYE/İSTANBUL, Турция.

СЕРТИФИКАТ ВЫДАН «ENSAN KALIP VE MAKINA SAN.TIC.LTD.ŞTİ.». Адрес: 4. ESENŞEHİR MARAŞAL FEVZİ ÇAKMAK CAD.PİRLANTA SK. NO: 61 Y.DUDULLU-UMRANIYE/İSTANBUL, Турция. Телефон 8 10 90 216 420 69 10.

НА ОСНОВАНИИ Протоколов № 41450-ТО5/7-458 - 41450-ТО5/7-462 от 06.08.2013 г., Испытательная лаборатория ООО "ЮгРесурс", рег. № РОСС RU.0001.21AB93 от 28.10.2011, адрес: 353900, г. Новороссийск, ул. Мира, д. 9, оф. 307

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Схема сертификации: 3.



Руководитель органа

Эксперт

[Подпись]
подпись

Л.Л. Сумцов

инициалы, фамилия

Ю.В. Демина

инициалы, фамилия

Сертификат не применяется при обязательной сертификации



CERTIFICATION
INTERNATIONAL

Certificate of Registration

This is to certify that

Ensan Kalıp ve Makine San. Tic. Ltd. Şti.

Esenşehir Mahallesi Mareşal Fevzi Çakmak Cad. Pırlanta Sok.
No:61 Yukarı Dudullu-Ümraniye İstanbul, Turkey

operates a quality management system which has been assessed as conforming to

ISO 9001:2008

for the scope of activities

**Design and manufacture of fabricated metal products and
moulds.**

Certificate No: **CI/12057** Issue Date: **19 May 2013**

Valid until **18 May 2016** subject to adherence to the agreed ongoing audit programme, successful endorsement of certification following each audit and compliance with CI Regulations
Date of original issue: 19 May 2010

Signed for and on behalf of

Group Head of Certification



063



Certification International (UK) Ltd., Delta 200, Delta Business Park, Great Western Way, Swindon, Wiltshire, SN5 7XP, United Kingdom

www.cert-int.com



T.C.
TÜRK PATENT ENSTİTÜSÜ

MARKA TESCİL BELGESİ

Marka No : 2008 09908 - Ticaret - Hizmet

ENDOW

**Marka Sahibi : ENSAN KALIP VE MAKİNE SANAYİ TİC.
LİMİTED ŞİRKETİ
TÜRKİYE CUMHURİYETİ
4. Esenşehir Maraşal Fevzi Çakır .d. Pırlanta Sk.
No:61 Y.Dudullu İSTANBUL**

**Emtiası : 06 , 07 , 19 , 35
İlişiktir.**

**Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde
Kararnameye göre 25/02/2008 tarihinden itibaren ON YIL müddetle
16/04/2009 tarihinde tescil edilmiştir.**

**Rutay KUMBASAR
Enstitü Başkanı a.
Markalar Dairesi Başkanı**

TÜRK PATENT [●] ENSTİTÜSÜ



TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark
TSE veya/or  veya/or **T S E**

BELGE NUMARASI 14.0.30.4.34.00/TSE-64243
REFERENCE NUMBER OF LICENCE

BELGENİN İLK VERİLİŞ TARİHİ 30.04.2009
DATE OF FIRST ISSUE OF LICENCE

BELGENİN SON GEÇERLİLİK TARİHİ 12.02.2016
LICENCE VALID UNTIL

BELGE SAHİBİ KURULUŞUN ADI ENSAN KALIP VE MAKİNE SANAYİ TİCARET LİMİTED ŞİRKETİ
NAME OF THE LICENCE HOLDER

BELGE SAHİBİ KURULUŞUN ADRESİ 4.ESENŞEHİR MAH. MARAŞAL FEVZİ ÇAKMAK CAD. PIRLANTA SOK.
ADDRESS OF THE LICENCE HOLDER NO:61 34750 Y.DUDULLU-ÜMRANİYE İSTANBUL/TÜRKİYE

ÜRETİM YERİ ADI ENSAN KALIP VE MAKİNE SANAYİ TİCARET LİMİTED ŞİRKETİ
NAME OF THE MANUFACTURING PLACE

ÜRETİM YERİ ADRESİ 4.ESENŞEHİR MAH. MARAŞAL FEVZİ ÇAKMAK CAD. PIRLANTA SOK.
ADDRESS OF THE MANUFACTURING PLACE NO:61 Y.DUDULLU-ÜMRANİYE İSTANBUL/TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa) 14.31.34/TSE-11102
INDICATION OF SUPERSEDED LICENCE (if any)

TESCİLLİ TİCARİ MARKASI EnDOW
REGISTERED TRADE MARK

İLGİLİ TÜRK STANDARDI TS EN 13126-1:2011(EN) / Bina hırdavatı - Pencere ve camlı dış kapılar
RELATED TURKISH STANDARD için kurallar ve deney metotları - Bölüm 1: Hırdavat tiplerinin tamamı için ortak kurallar / 12.04.2012 -- TS EN 13126-8 / Bina hırdavatı - Pencere ve camlı dış kapılar için kurallar ve deney metotları - Bölüm 8: Devirmeli ve döndürmeli, önce devirmeli ve sadece döndürmeli hırdavat / 20.02.2007

BELGE KAPSAMI
SCOPE OF LICENCE

*BİNA HIRDAVATI, PENCERELER VE CAMLI DIŞ KAPILAR İÇİN
-DEVİRMELİ VE DÖNDÜRMELİ (ÇİFT AÇILIMLI İSPANYOLETLER)
ÇELİK MALZEMEDEN, DAYANIKLILIK SINIFI: KALİTE 4, KOROZYONA DİRENC SINIFI: KALİTE 3 OLANLAR



29/06.2015

AHMET NURİ KARTAL
TSE İSTANBUL BELGELENDİRME
MÜDÜRÜ



TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark
TSE veya/or  veya/or **T S E**

BELGE NUMARASI

REFERENCE NUMBER OF LICENCE

14.0.30.4.34.00/TSE-65847

BELGENİN İLK VERİLİŞ TARİHİ

DATE OF FIRST ISSUE OF LICENCE

06.05.2014

BELGENİN SON GEÇERLİLİK TARİHİ

LICENCE VALID UNTIL

06.05.2016

BELGE SAHİBİ KURULUŞUN ADI

NAME OF THE LICENCE HOLDER

ENSAN KALIP VE MAKİNE SANAYİ TİCARET LİMİTED ŞİRKETİ

BELGE SAHİBİ KURULUŞUN ADRESİ

ADDRESS OF THE LICENCE HOLDER

4.ESENŞEHİR MAH. MARAŞAL FEVZİ ÇAKMAK CAD. PIRLANTA SOK.
NO:61 34750 Y.DUDULLU-ÜMRANIYE İSTANBUL/TÜRKİYE

ÜRETİM YERİ ADI

NAME OF THE MANUFACTURING PLACE

ENSAN KALIP VE MAKİNE SANAYİ TİCARET LİMİTED ŞİRKETİ

ÜRETİM YERİ ADRESİ

ADDRESS OF THE MANUFACTURING PLACE

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NO:61 Y.DUDULLU-ÜMRANIYE İSTANBUL/TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa)

INDICATION OF SUPERSEDED LICENCE (if any)

TESCİLLİ TİCARİ MARKASI

REGISTERED TRADE MARK

ENDOW

İLGİLİ TÜRK STANDARDI

RELATED TURKISH STANDARD

TS EN 13126-1:2011(EN) / Bina hırdavatı - Pencere ve camlı dış kapılar için kurallar ve deney metotları - Bölüm 1: Hırdavat tiplerinin tamamı için ortak kurallar / 12.04.2012 – TS EN 13126-4:2008 / Bina hırdavatı - Pencere ve camlı dış kapılar için bağlantı elemanları - Kurallar ve deney metotları - Bölüm 4: İspanyolet sürgüleri / 22.11.2011

BELGE KAPSAMI

SCOPE OF LICENCE

*PENCERELER ve CAMLI DIŞ KAPILAR İÇİN ÇİNKO KAPLI ÇELİK MALZEMEDEN İSPANYOLET SÜRGÜLERİ

-SINIFLANDIRMA;(Dayanıklılık: Sınıfı= 4, Yangın Dayanımı: Sınıf 0, Emniyet Sınıfı:1 Korozyon Dayanımı: Sınıfı 3)



29/06.2015

AHMET NURSİ KARTAL

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MÜDÜRÜ

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МІНІСТЕРСТВО ЕКОНОМІЧНОГО РОЗВИТКУ І ТОРГІВЛІ УКРАЇНИ
ДЕРЖАВНА СИСТЕМА СЕРТИФІКАЦІЇ УкрСЕПРО

Серія ДІ

СЕРТИФІКАТ ВІДПОВІДНОСТІ

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Зареєстровано в Реєстрі

Термін дії з 19 листопада 2014 до 18 листопада 2016
Срок действия с

Продукція Фурнітура ТМ 'ENDOW' для вікон і дверей: пристрої поворотні та
Продукция поворотно-відкидні, віконні та дверні ручки

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код УКТ ЗЕД, ТН ЗЕД

код ДКПП, ОКП

Відповідає вимогам
Соответствует требованиям

ДСТУ Б В.2.6-32:2007 (ГОСТ 5088-2005), пп. 5.2.2-5.2.5, 5.2.7, 5.3.4, 5.4.1;
ДСТУ Б В.2.6-13:2006, пп. 4, 5.2-5.10; ДСТУ Б В.2.6-28:2006, пп. 5.2, 5.4,
5.5, 5.7-5.13

Виробник продукції
Изготовитель продукции

'ENSAN KALIP MAKINE SANAYI LTD. STI', 4. Esensehir Marasal Fevzi
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Додаткова інформація
Дополнительная информация

Фурнітура ТМ 'ENDOW' для вікон і дверей: пристрої поворотні та пово-
ротно-відкидні, віконні та дверні ручки, які виготовляються серійно та
ввозяться в Україну з 19.11.2014 р. по 18.11.2016 р., з урахуванням га-
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Свідоцтво про уповноваження № UA.PN.182 від 20.11.2012 р.

На підставі Протоколу сертифікаційних випробувань № 2014.03.11.18.04 від 18.11.2014 р., виданого ВЛ
На основі ТОВ 'АКАДЕМТЕСТ', 61023, м. Харків, вул. Весніна, 5, атестат акредитації № 2Н1045 від
20.12.2012 р. до 19.12.2017 р., Акт обстеження виробництва № 182-3209/11-14 від 18.11.2014р.

Керівник органу з сертифікації
Руководитель органа по сертификации



підпис ініціали, прізвище

А.В. Горлов



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