

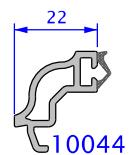
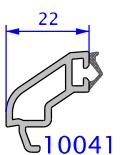
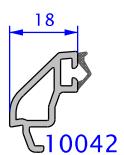
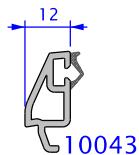
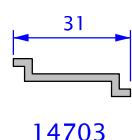
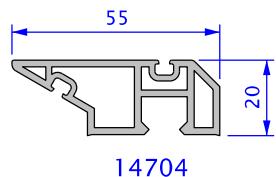
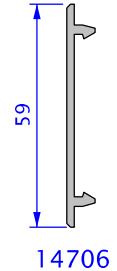
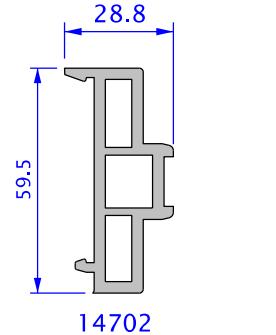
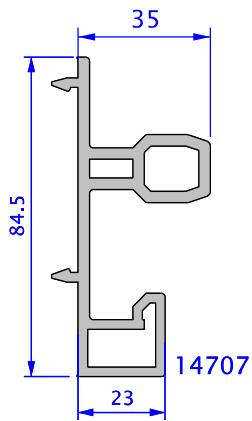
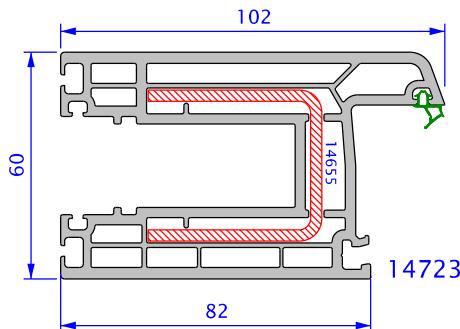
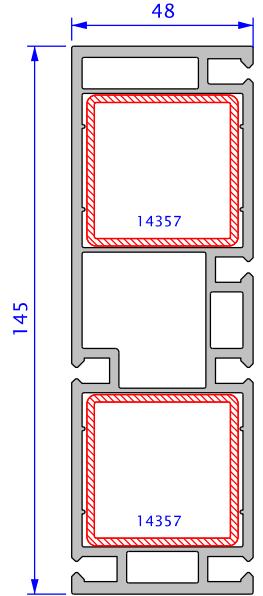


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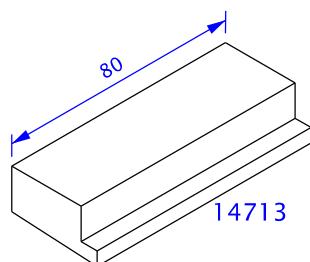
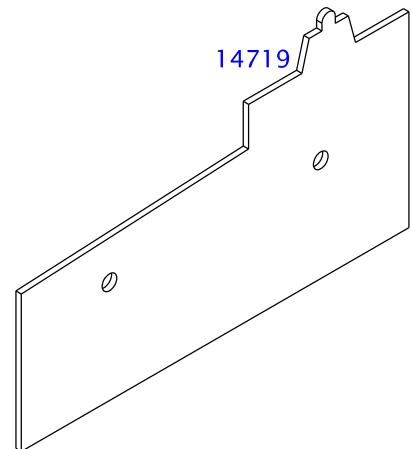
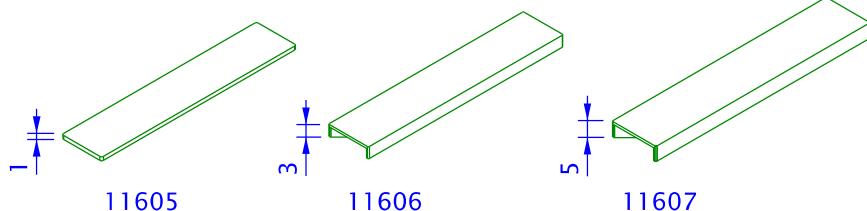
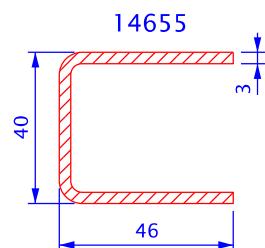
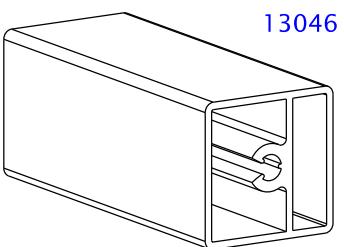
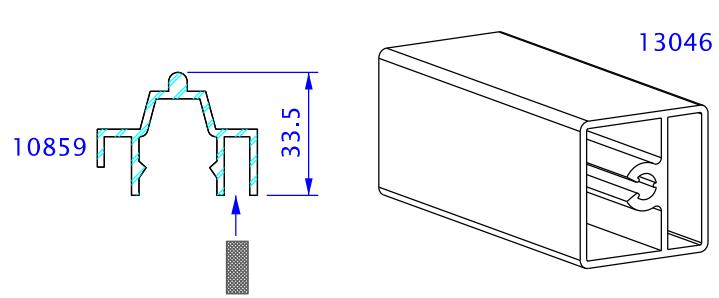
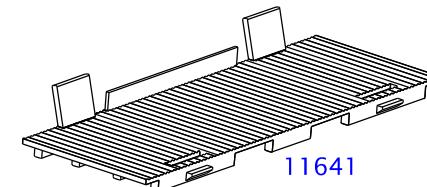
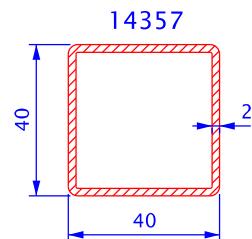
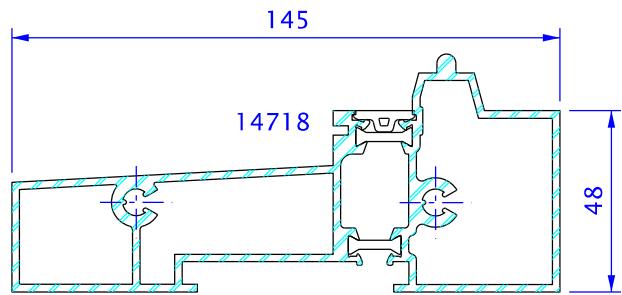
TEKNİK İMALAT DOSYASI

sayfa no

Sistem Tanımı	1.1 – 1.5
Kesim Ölçüleri	2.1 – 2.3
Profillerin Hazırlanması	3.1 – 3.17
Aksesuar Uygulamaları	4.1 – 4.2
Kesitler	5.1 – 5.9



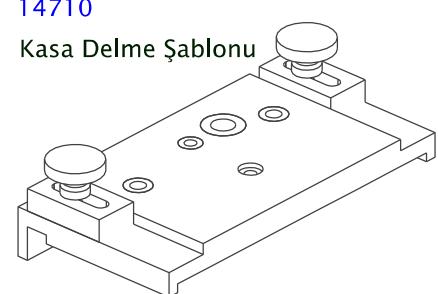
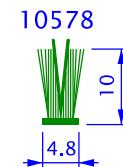
Teknik dokümanlarınızda değişiklik yapma hakkımız saklıdır.

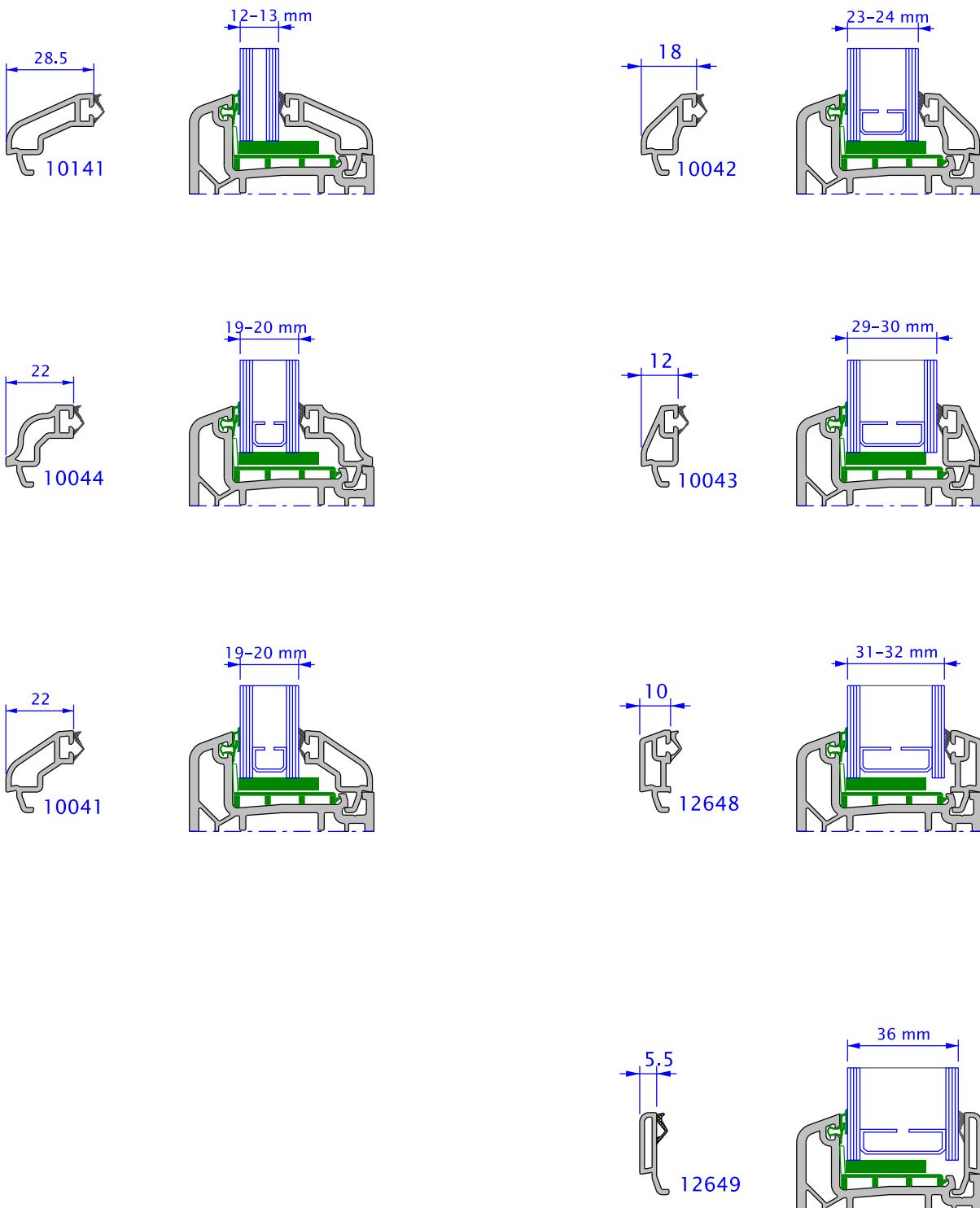


14720 14722

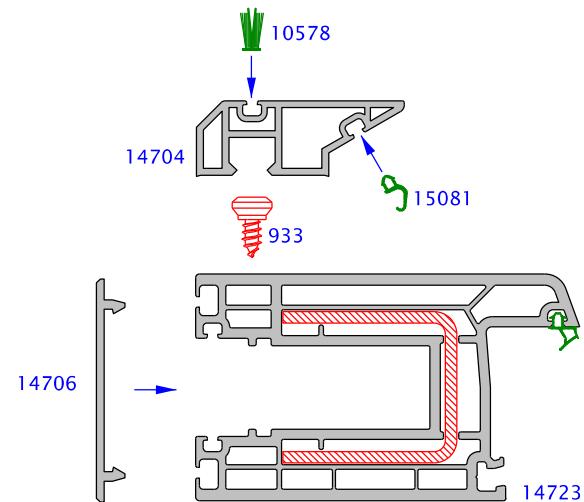
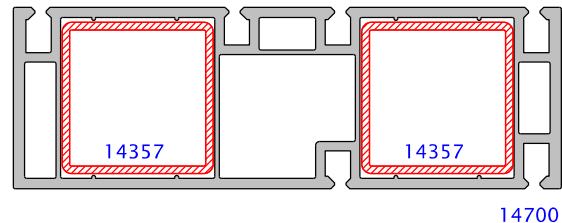
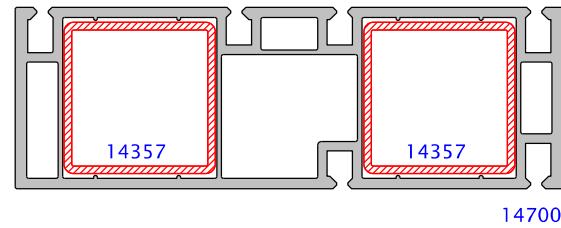
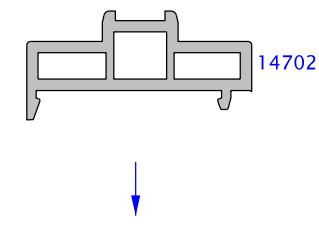
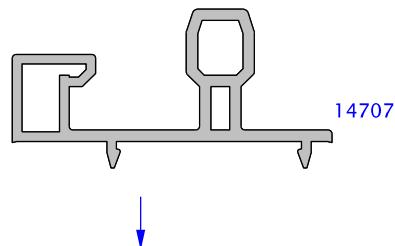
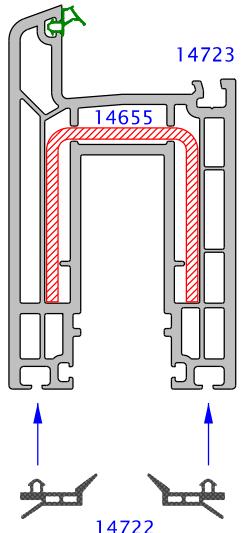
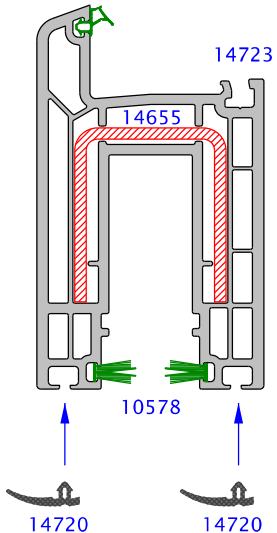


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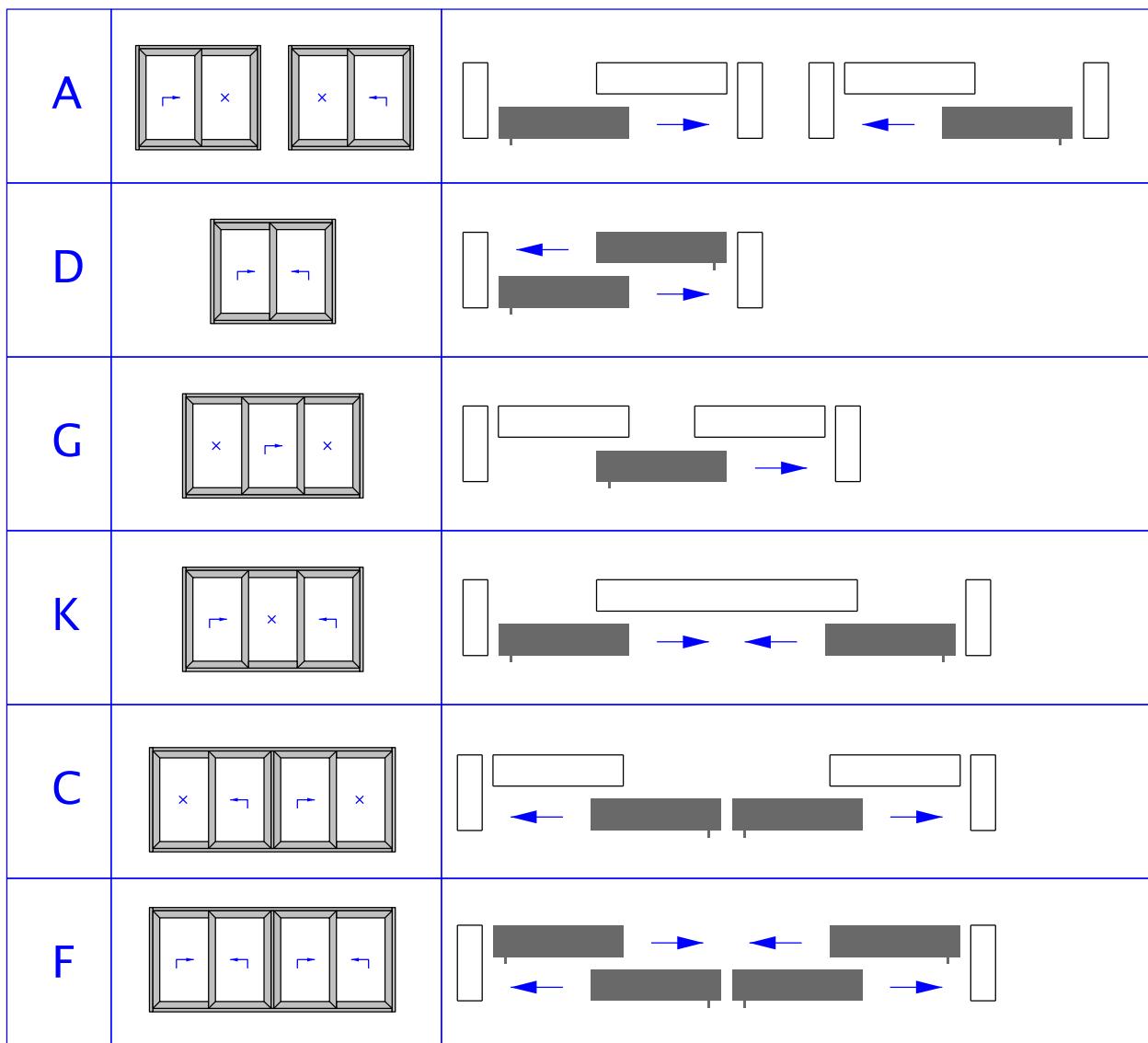




Teknik dokümanlarında değişiklik yapma hakkımız saklıdır.



HS ŞEMALAR



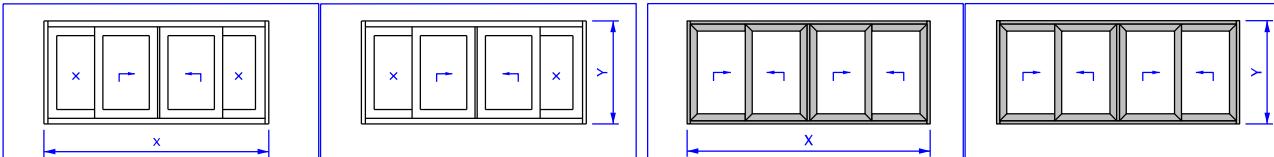
HS MAKSİMUM ÖLÇÜLERİ

HS doğramalarda, uygulanması gereken maksimum ölçüler (genişlik/yükseklik) ile aşağıdaki tabloda verilmiştir.
Tanımlı maksimum (m^2) yüzey alanları aşılmamalıdır.

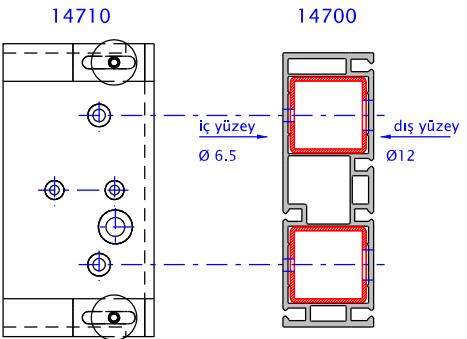
	2 Kanatlı			Çok Kanatlı		
	Genişlik (m)	Yükseklik (m)	Yüzey Alanı (m^2)	Genişlik (m)	Yükseklik (m)	Yüzey Alanı (m^2)
Beyaz	6.0	2.5	12.0	6.5	2.5	13.0
Renkli	5.0	2.2	10.0	6.5	2.2	13.0

ÜRÜN KODU	ÜRÜN RESMİ	ÜRÜN ADI	KESİM ADEDİ		KESİM ÖLÇÜSÜ		KESİM ADEDİ		KESİM ÖLÇÜSÜ	
			1	x-96	2	y	1	x-96	2	y
14700		HS Kasa	1	x-96	2	y	1	x-96	2	y
14357		Kasa Destek Sacı	2	x-300	Beyaz =>2 Lamine =>4	y-5	2	x-300	Beyaz =>2 Lamine =>4	y-5
14718		HS Alt Kasa	1	x-96	-	-	1	x-96	-	-
10859		HS İlave Ray	-	-	-	-	1	x-96	-	-
14707		HS Üst Ray	1	x-96	-	-	2	x-96	-	-
14702		HS Kilitleme	2	$\frac{x}{2} - 11.5$	1	y-77	-	-	1	y-77
14723		HS Kanat <small>*Ölçülerde kaynak payı dahildir.</small>	4	$\frac{x}{2} - 9.5$	4	y-113	1	y-96	1	y-96
14655		Kanat Destek Sacı	4	$\frac{x}{2} - 180$	4	y-284.5	4	$\frac{x}{2} - 9.5$	4	y-113
14704		HS Ara Kapatma <small>* Hareketli Kanat</small>	-	-	1	y-140.5	-	-	2	y-140.5
		HS Ara Kapatma <small>* Sabit Kanat</small>	-	-	1	y-105	-	-	-	-
14706		HS Alın Kapatma <small>* Hareketli Kanat</small>	-	-	1	y-119	-	-	2	y-119
		HS Alın Kapatma <small>* Sabit Kanat</small>	-	-	1	y-79	-	-	-	-
14703		HS Ek Profil	1	$\frac{x}{2} - 95$	-	-	-	$\frac{x}{2} - 188.5$	-	y-293
		Cam	-	$\frac{x}{2} - 188.5$	-	y-293	-	$\frac{x}{2} - 188.5$	-	y-293

ÜRÜN KODU	ÜRÜN RESMI	ÜRÜN ADI	KESİM ADEDİ	KESİM ÖLÇÜSÜ	KESİM ADEDİ	KESİM ÖLÇÜSÜ	KESİM ADEDİ	KESİM ÖLÇÜSÜ	KESİM ADEDİ	KESİM ÖLÇÜSÜ
				x		y		x		y
14700		HS Kasa	1	x-96	2	y	1	x-96	2	y
14357		Kasa Destek Sacı	2	x-300	Beyaz =>2 Lamine =>4	y-5	2	x-300	Beyaz =>2 Lamine =>4	y-5
14718		HS Alt Kasa	1	x-96	-	-	1	x-96	-	-
14707		HS Üst Ray	1	x-96	-	-	1	x-96	-	-
14702		HS Kilitleme	4	$\frac{x + 74}{3} + 4$	2	y-77	2	$\frac{x + 74}{3} + 4$	2	y-96
14723		HS Kanat <small>*Ölçüle kaynak payı dahildir.</small>	6	$\frac{x + 92}{3}$	6	y-113	6	$\frac{x + 92}{3}$	6	y-113
14655		Kanat Destek Sacı	6	$\frac{x + 74}{3} - 200$	6	y-284.5	6	$\frac{x + 74}{3} - 200$	6	y-284.5
14704		HS Ara Kapatma <small>* Hareketli Kanat</small>	-	-	2	y-140.5	-	-	2	y-140.5
		HS Ara Kapatma <small>* Sabit Kanat</small>	-	-	2	y-105	-	-	2	y-105
14706		HS Alın Kapatma	-	-	2	y-119	-	-	2	y-119
		HS Alın Kapatma	-	-	2	y-79	-	-	2	y-79
14703		HS Ek Profil	2	$\frac{x + 74}{3} - 70$	-	-	1	$\frac{x + 74}{3} - 70$	-	-
		Cam	-	$\frac{x - 449}{3}$	-	y-293	-	$\frac{x - 449}{3}$	-	y-293

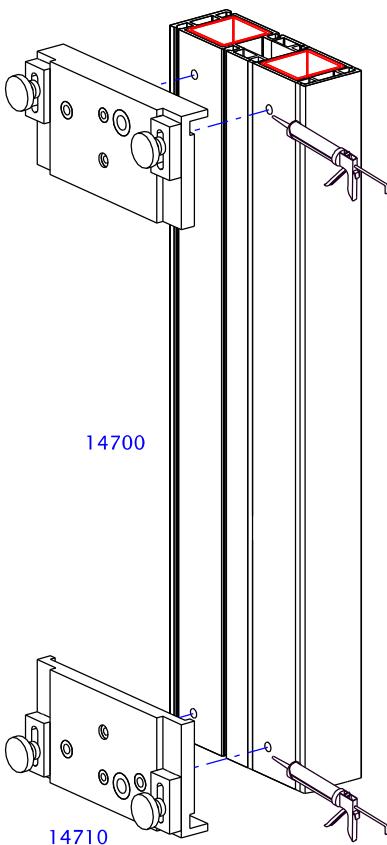


ÜRÜN KODU	ÜRÜN RESMİ	ÜRÜN ADI	KESİM ADEDİ	KESİM ÖLÇÜSÜ	KESİM ADEDİ	KESİM ÖLÇÜSÜ	KESİM ADEDİ	KESİM ÖLÇÜSÜ	KESİM ADEDİ	KESİM ÖLÇÜSÜ
14700		HS Kasa	1	x-96	2	y	1	x-96	2	y
14357		Kasa Destek Sacı	2	x-300	Beyaz =>2 Lamine =>4	y-5	2	x-300	Beyaz =>2 Lamine =>4	y-5
14718		HS Alt Kasa	1	x-96	-	-	1	x-96	-	-
10859		HS İlave Ray	-	-	-	-	1	x-96	-	-
14707		HS Üst Ray	1	x-96	-	-	2	x-96	-	-
14702		HS Kilitleme	4	$\frac{x + 51}{4} + 4$	2	y-77	4	$\frac{x + 51}{4} + 4$	2	y-77
14723		HS Kanat <small>*Ölçülerde kaynak payı dahildir.</small>	8	$\frac{x + 75}{4}$	8	y-113	8	$\frac{x + 75}{4}$	8	y-113
14655		Kanat Destek Sacı	8	$\frac{x + 51}{4} - 170$	8	y-284.5	8	$\frac{x + 51}{4} - 170$	8	y-284.5
14704		HS Ara Kapatma <small>* Hareketli Kanat</small>	-	-	2	y-140.5	-	-	2	y-140.5
		HS Ara Kapatma <small>* Sabit Kanat</small>	-	-	2	y-105	-	-	2	y-105
14706		HS Alın Kapatma <small>* Hareketli Kanat</small>	-	-	2	y-119	-	-	2	y-119
		HS Alın Kapatma <small>* Sabit Kanat</small>	-	-	2	y-79	-	-	2	y-79
14703		HS Ek Profil	2	$\frac{x + 51}{4} - 71$	-	-	2	$\frac{x + 51}{4} - 71$	-	-
		Cam	-	$\frac{x - 640}{4}$	-	y-293	-	$\frac{x - 640}{4}$	-	y-293

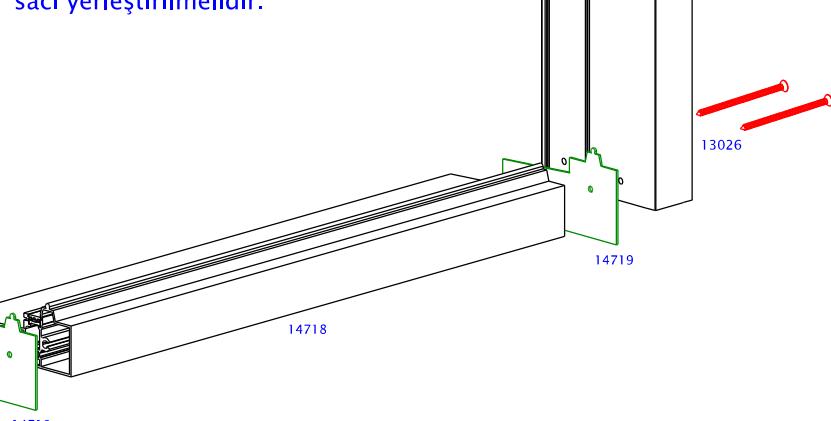
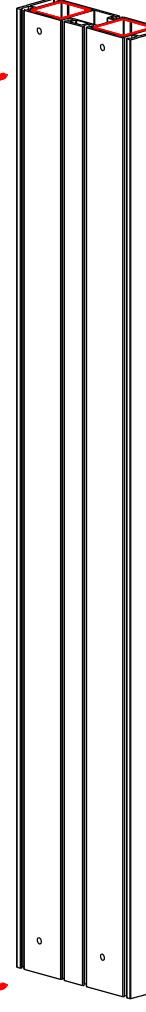
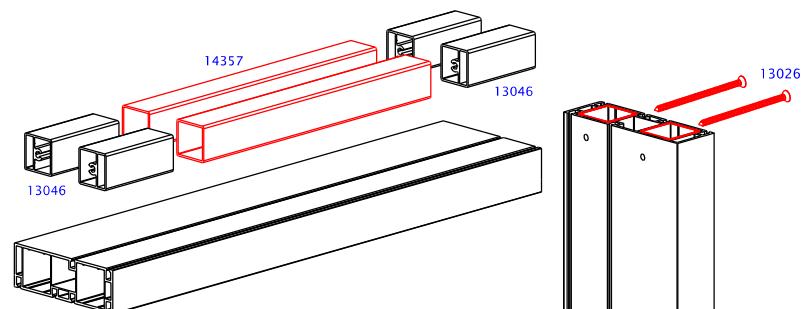


13026

13026

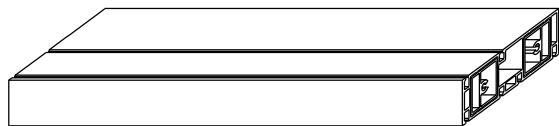


- * 14710 HS Delme Şablonu, dikey kasa profillerinin kanat tarafına yerleştirilir.
- * Ø 6.5mm delikler kasa boyunca delinir.
- Duvar tarafına gelecek kısma 12 mm matkap ucu ile havşa açılır.
- * 14700 Kasa profili mekanik bağlantı ile üç tarafı bir araya getirilir.
- * Alüminyum profili (14718) kasa profiline bağlantısında 14719 Alt Kasa İzolasyon contası kullanılmalıdır.
- * Dikey kasa profilleri üzerinde, HS Alt Kasa (14718) bağlantısı için açılan deliklere silikon sıkılarak alt kasa üzerinden su girişi önlenmelidir.

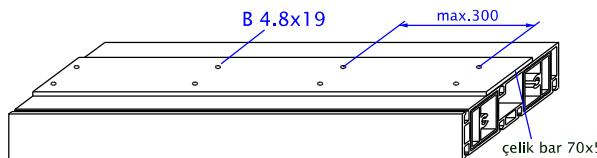


- * Beyaz renkli doğramalarda, dikey kasa profilinin içine sadece kanadın çarptığı kasaya destek sacı yerleştirilir. Diğer bölmelerde, vidalama işlemi için bitim noktalarına birere parça destek sacı yerleştirilir.
- * Renkli profillerde tüm bölmelere destek sacı yerleştirilmelidir.

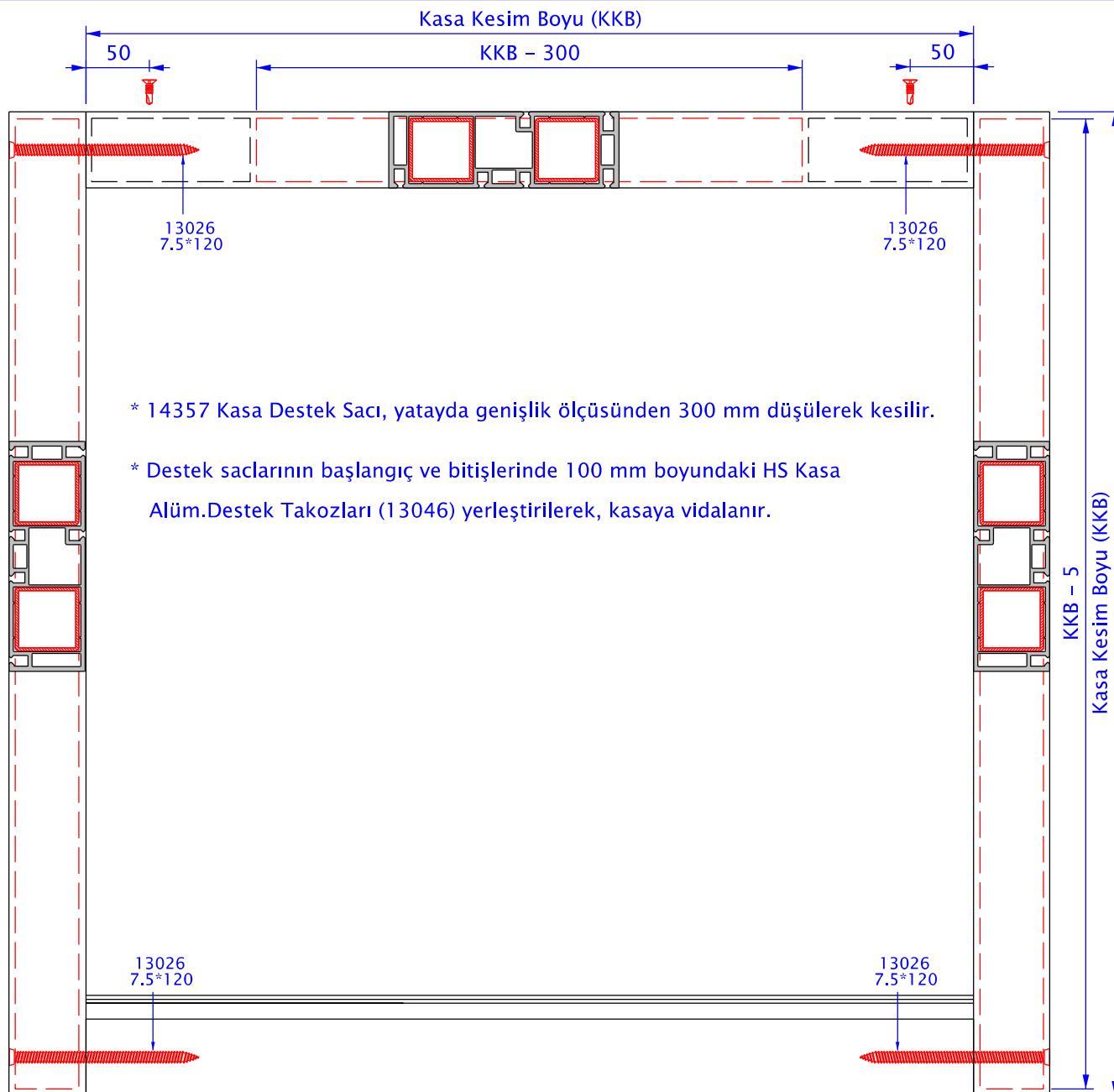
* Panjurlu uygulamalarda genişlik olarak 2500 mm aşılmamalıdır.



Standart destek sacı
Panjur olmayan uygulamalarda maks. genişlik = 6500 mm
Panjur olan uygulamalarda maks. genişlik = 2500 mm



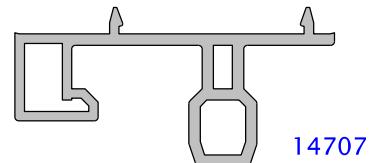
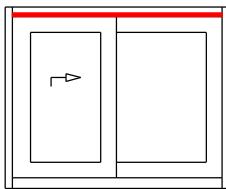
* 70x5 çelik bar kullanıldığı takdirde genişlik 2500–4000 mm arasında olabilir. (Bu ölçüler beyaz renk doğramalar için geçerlidir.)



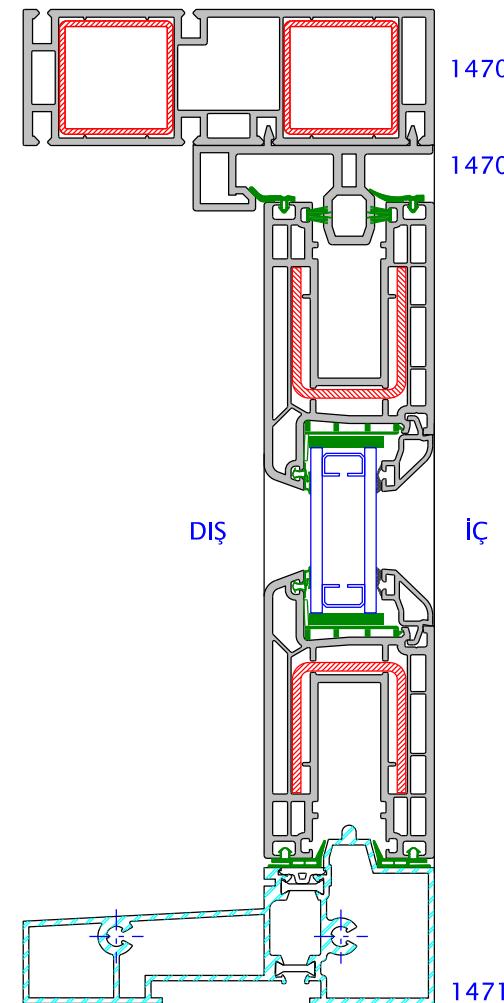
* 14357 Kasa Destek Sacı, yatayda genişlik ölçüsünden 300 mm düşülverek kesilir.

* Destek saclarının başlangıç ve bitişlerinde 100 mm boyundaki HS Kasa Alüm. Destek Takozları (13046) yerleştirilerek, kasaya vidalanır.

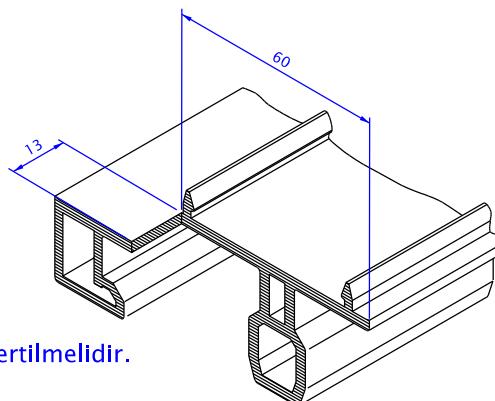
Şema A / G / K / C için



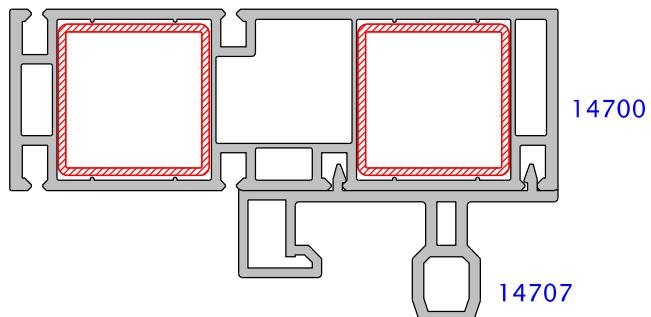
14707



* 14707 HS Üst Ray, kasa üst yatayı içinde hareketli kanadın çalışacağı tarafa takılır.



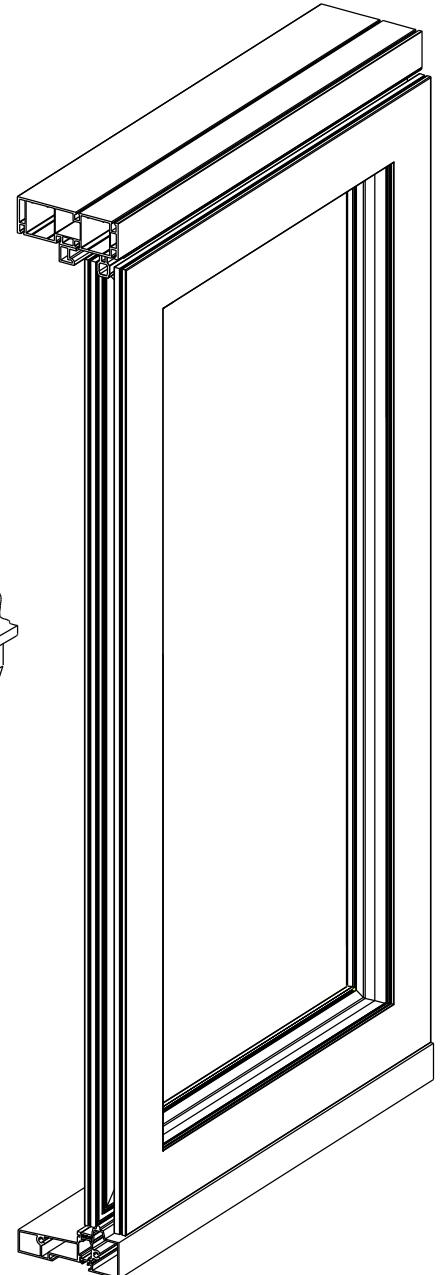
* 14707 HS Üst Ray
resimdeki ölçüye göre kertilmelidir.



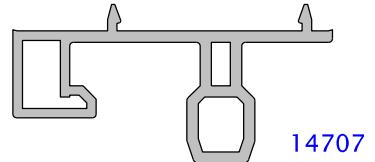
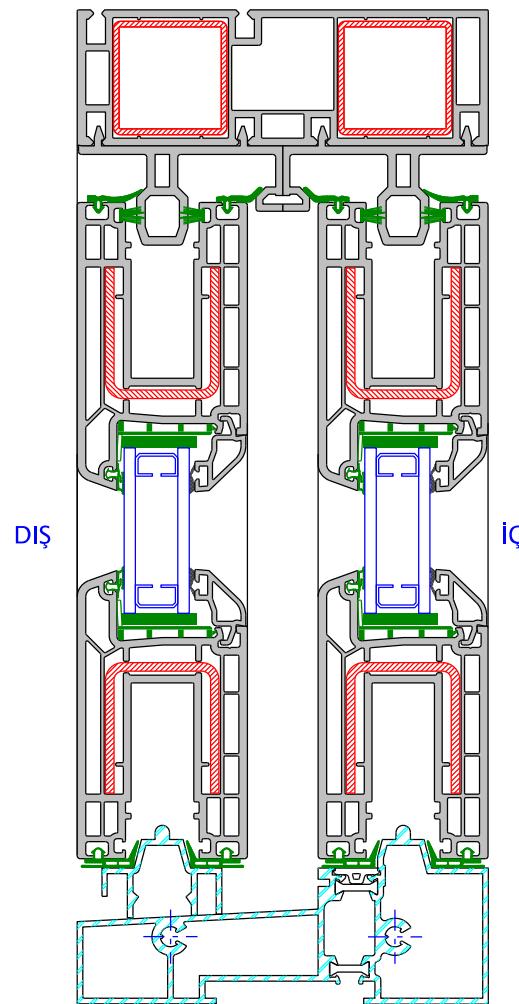
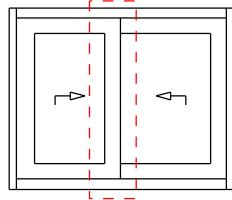
14707

* 14707 HS Üst Ray, HS Kasa boyunca takılır.

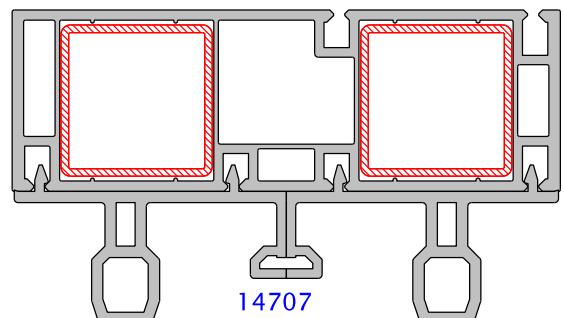
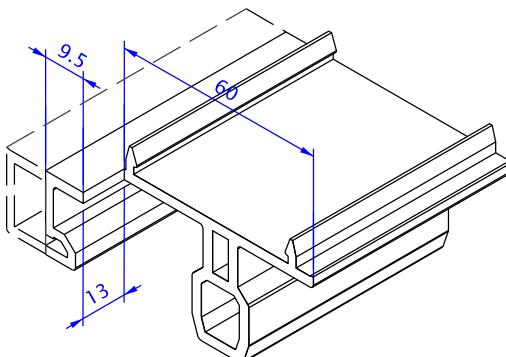
* Kertme detayı kanadın çalışma yönüne göre belirlenmelidir.



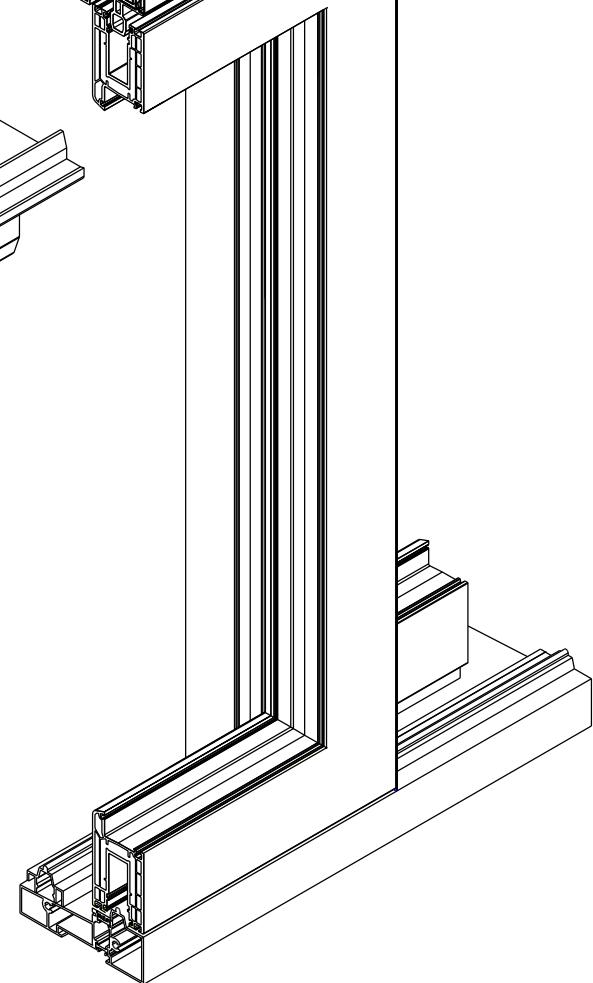
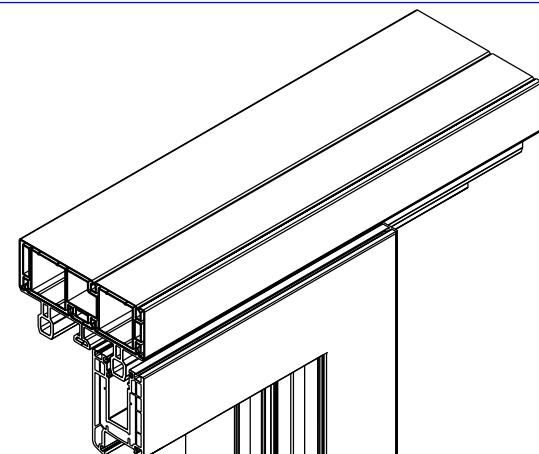
Şema D / F için



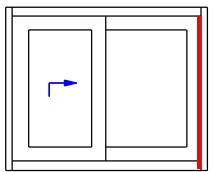
* 14707 HS Üst Ray
resimdeki ölçüye göre
kertīlmelidir.



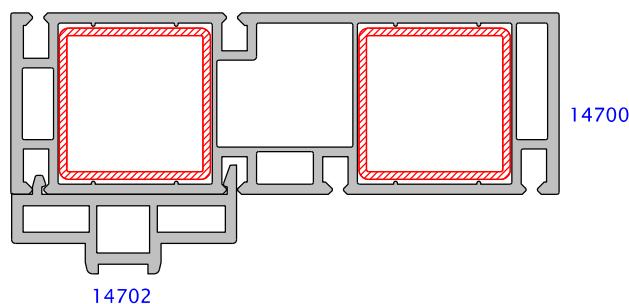
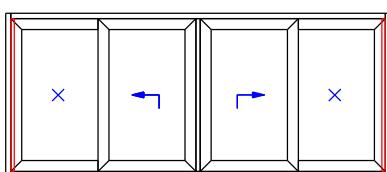
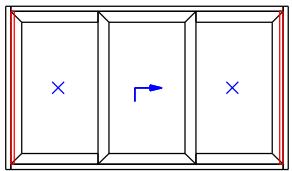
* 14707 HS Üst Ray, HS Kasa boyunca takılır.



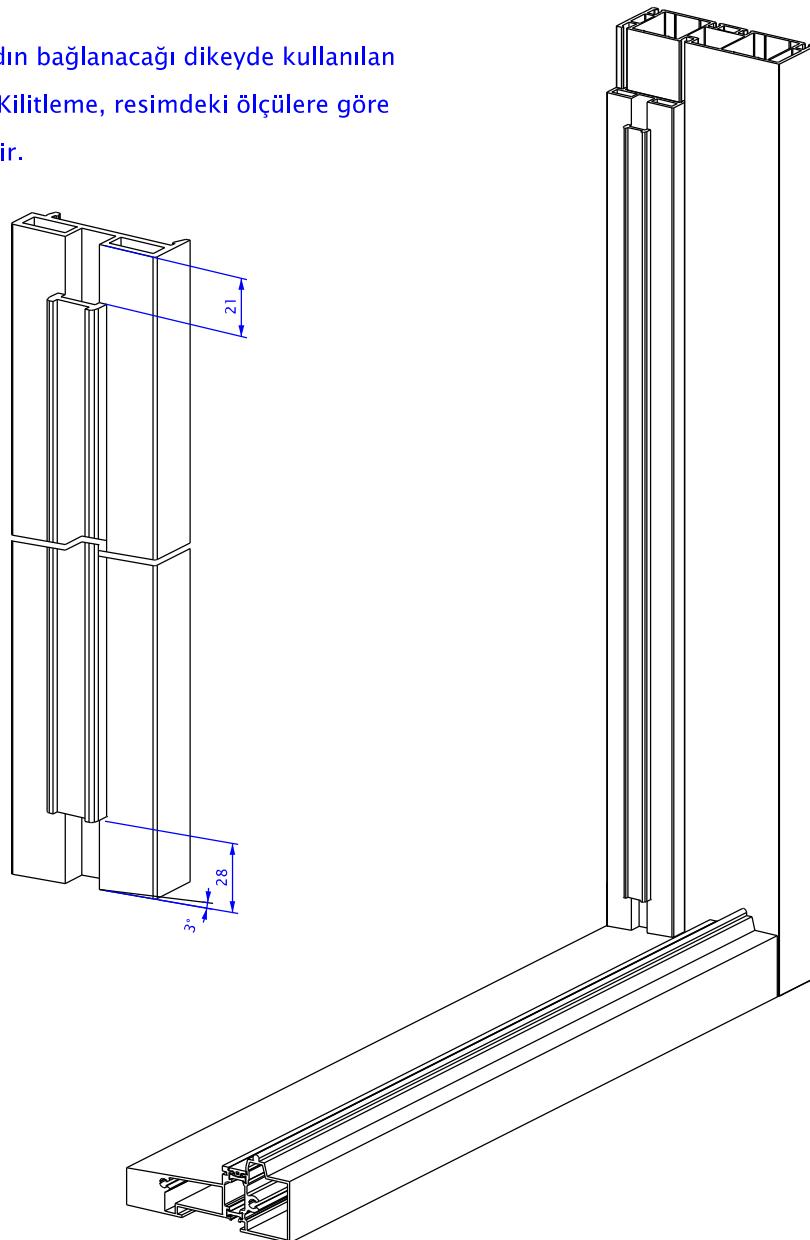
SABİT KANAT DİKEYLERDE KULLANILAN HS KİLİTLEME 14702



14702



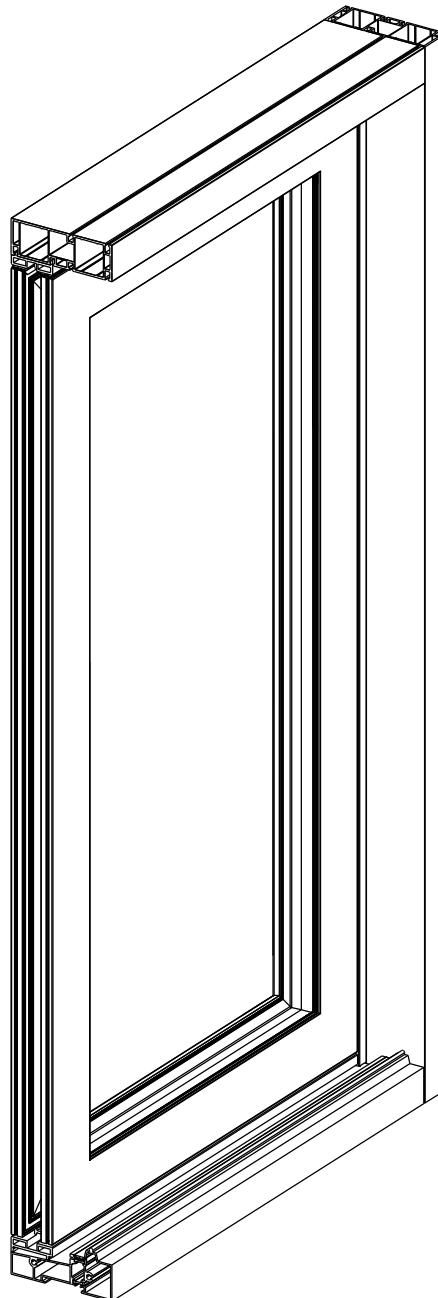
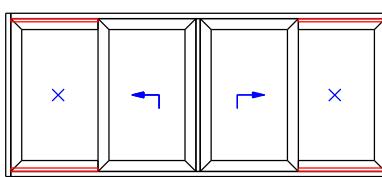
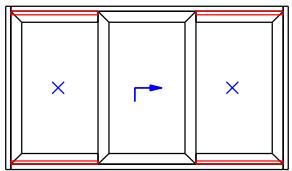
* Sabit kanadın bağlanacağı dikeyde kullanılan
14702 HS Kilitleme, resimdeki ölçülere göre
kertilmelidir.



SABİT KANAT YATAYLARDA KULLANILAN HS KİLİTLEME 14702

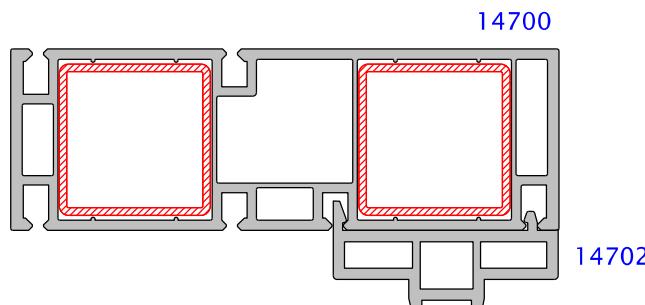


14702

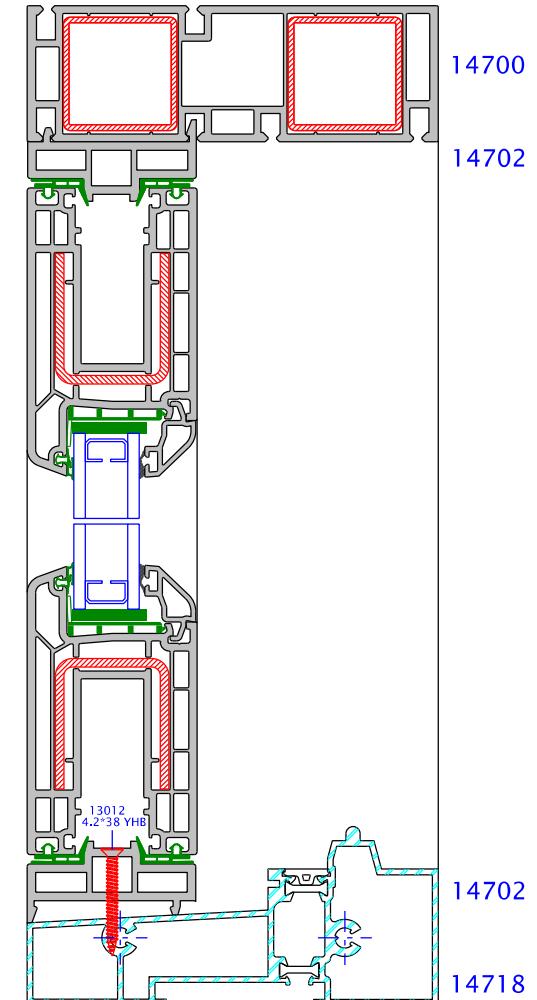


* 14707 HS Kilitleme, sabit kanadın alt ve üst yataylarına kanat boyunca takılır.

* HS Kilitleme kanat montajından önce takılmalıdır.

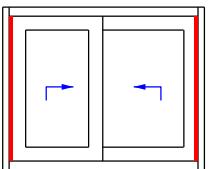
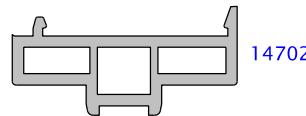
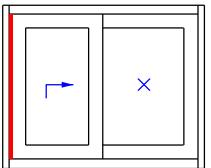


14702

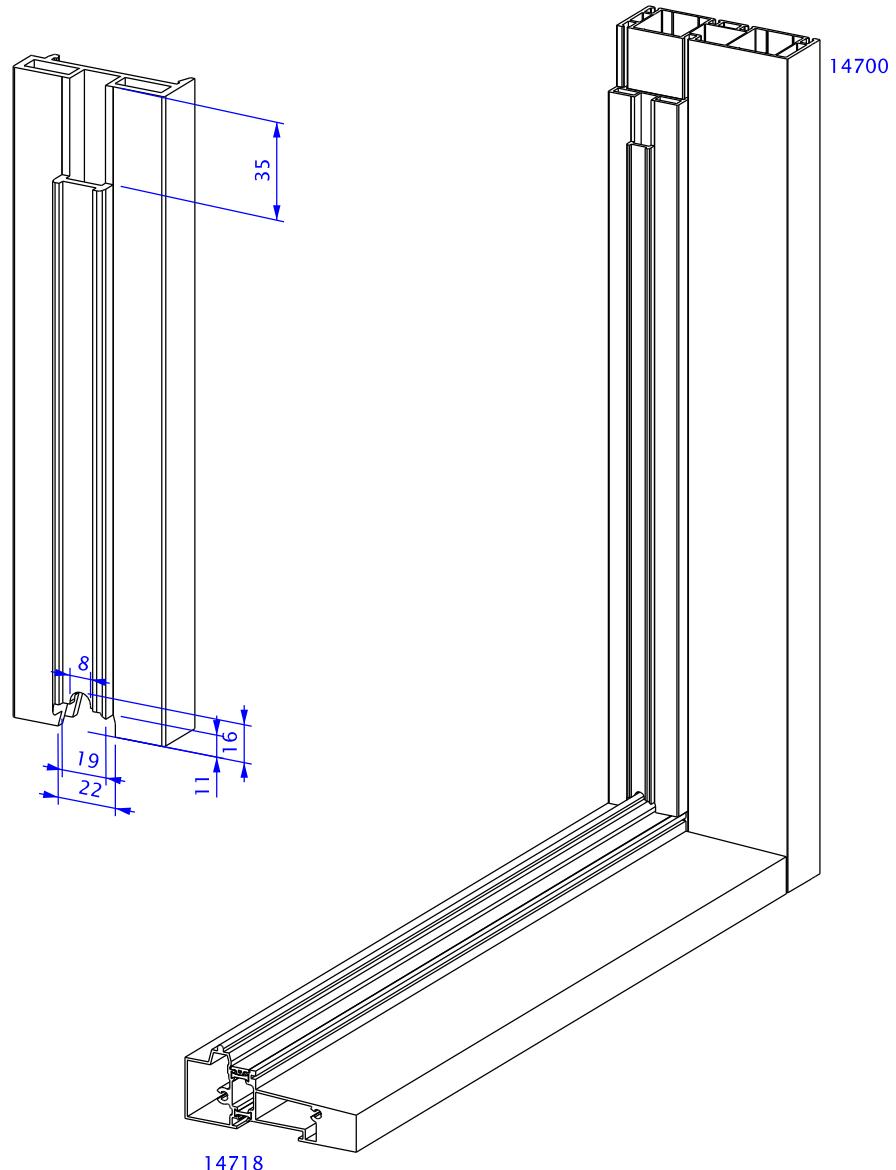
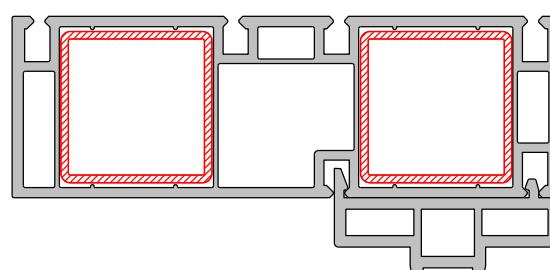
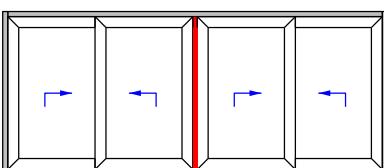
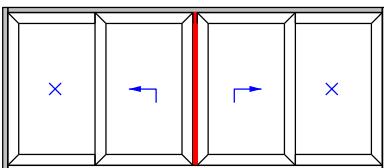


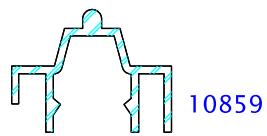
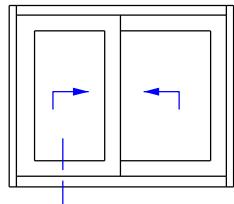
* Alt taraftaki kilitleme profili ters olarak takılır.
böylece, alüminyum alt rayın açılı yüzeyine tam olarak oturması sağlanır.

HAREKETLİ KANAT DİKEYLERDE KULLANILAN HS KİLİTLEME 14702



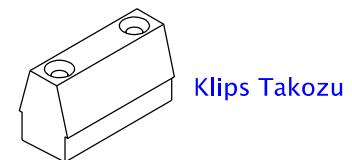
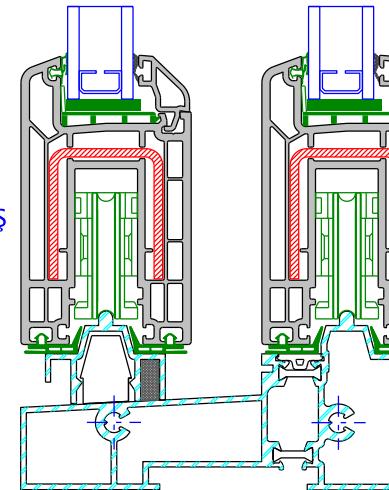
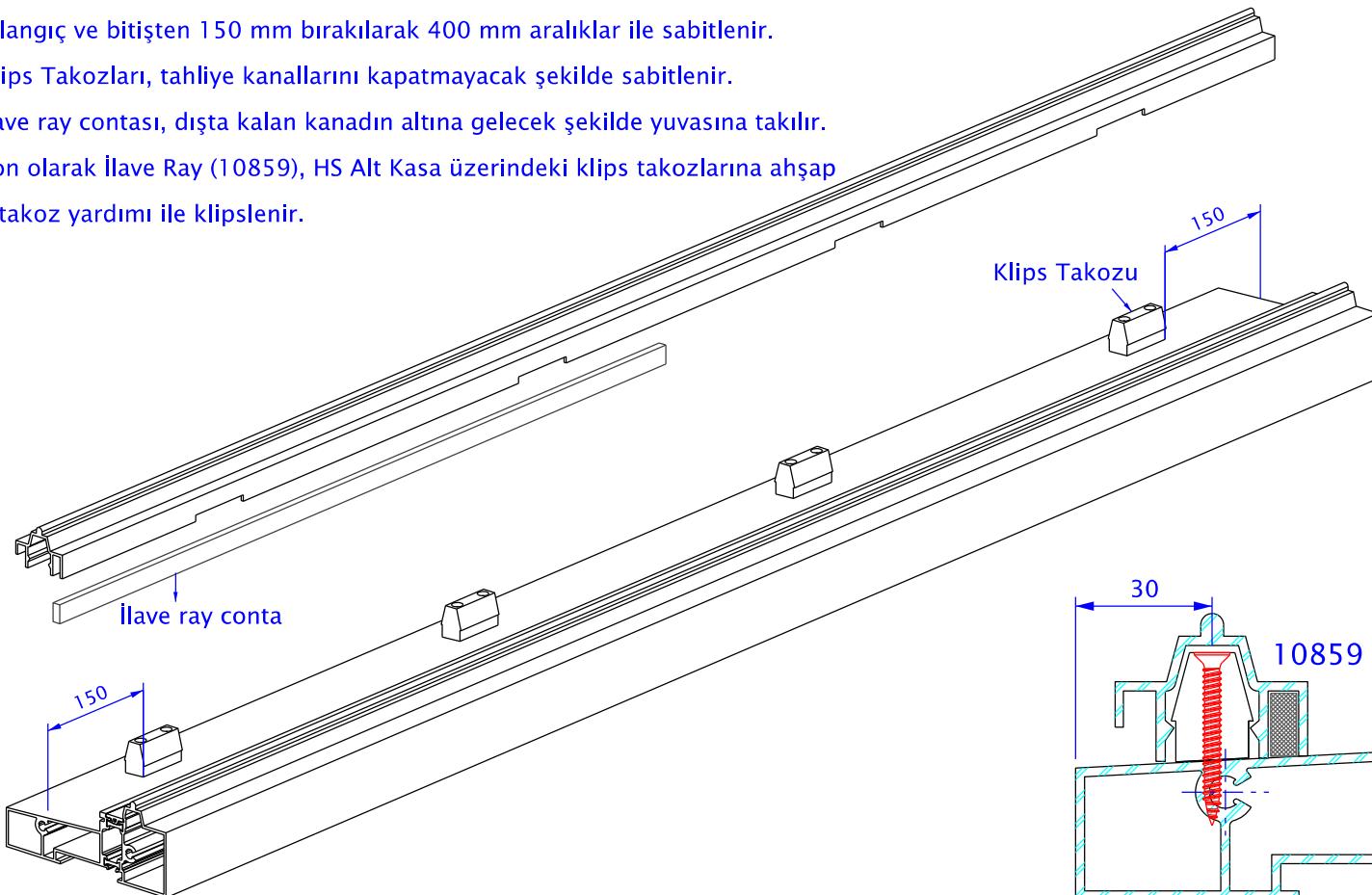
* Hareketli kanadın kasaya çarptığı
dikeydeki 14702 HS Kilitleme,
resimdeki ölçülere göre kertilmelidir.



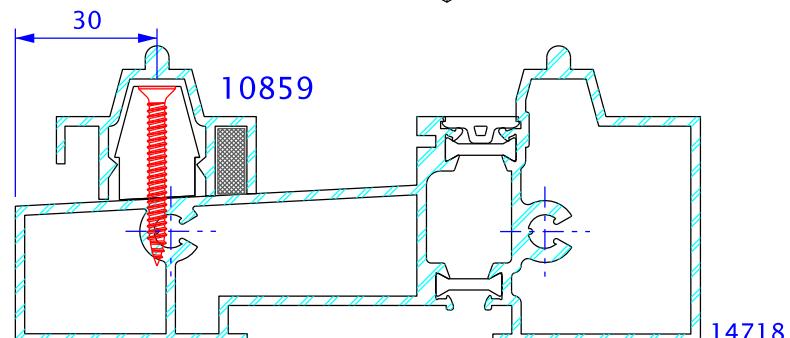


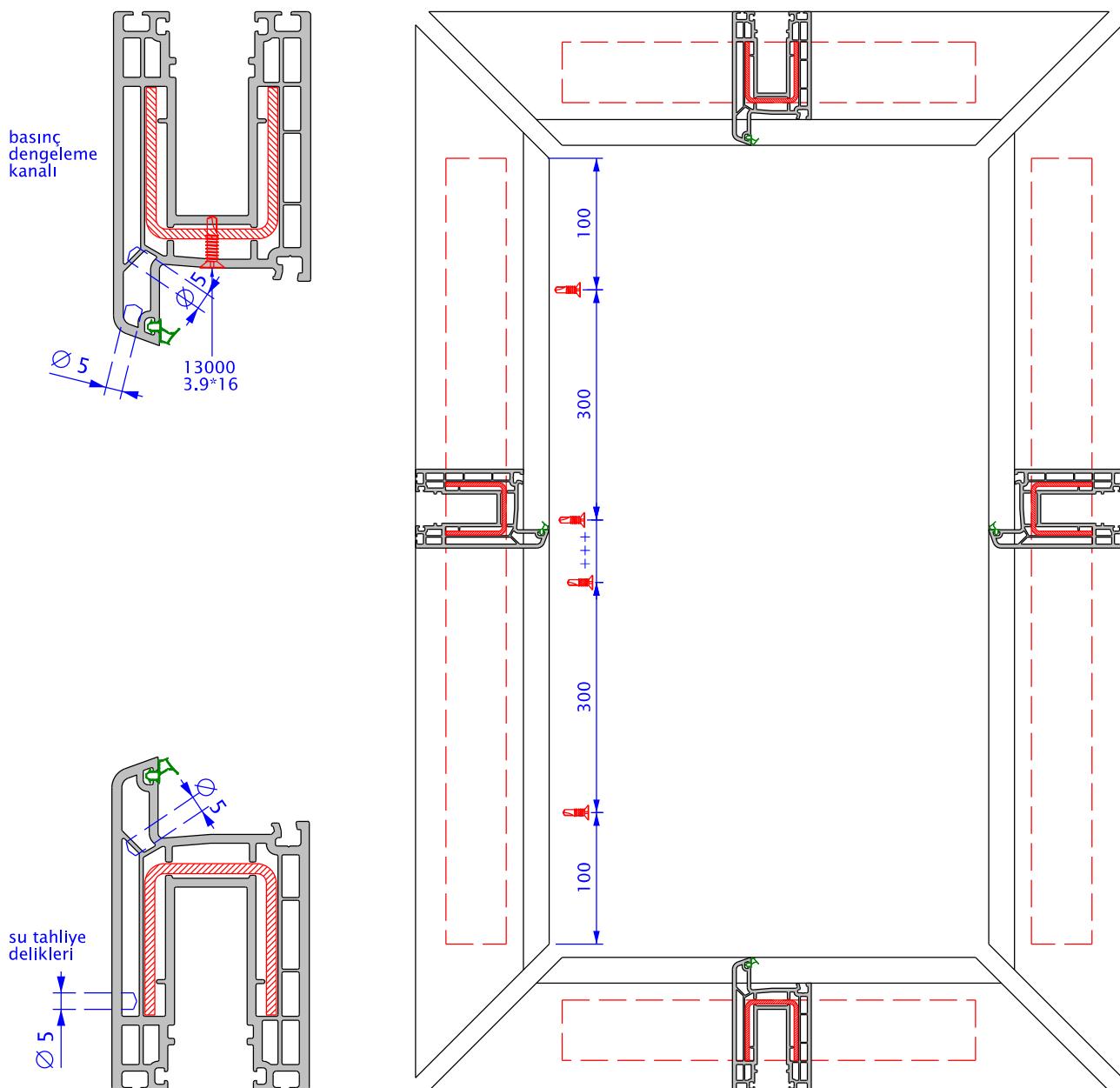
10859

- * 10859 İlave Ray Takımı ile birlikte bulunan klips takozları HS Alt Kasa (14718) üzerinde başlangıç ve bitişten 150 mm bırakılarak 400 mm aralıklar ile sabitlenir.
- * Klips Takozları, tahliye kanallarını kapatmayacak şekilde sabitlenir.
- * İlave ray contası, dışta kalan kanadın altına gelecek şekilde yuvasına takılır.
- * Son olarak İlave Ray (10859), HS Alt Kasa üzerindeki klips takozlarına ahşap bir takoz yardımı ile klipslenir.



Klips Takozu

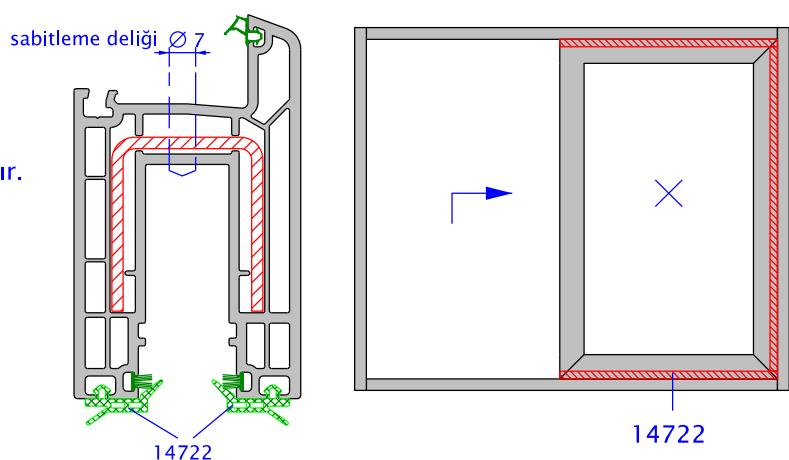


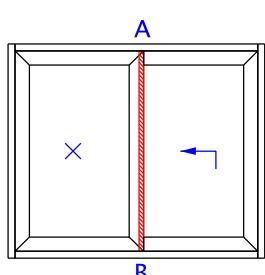


Teknik dokümanlarınızda değişiklik yapma hakkımız saklıdır.

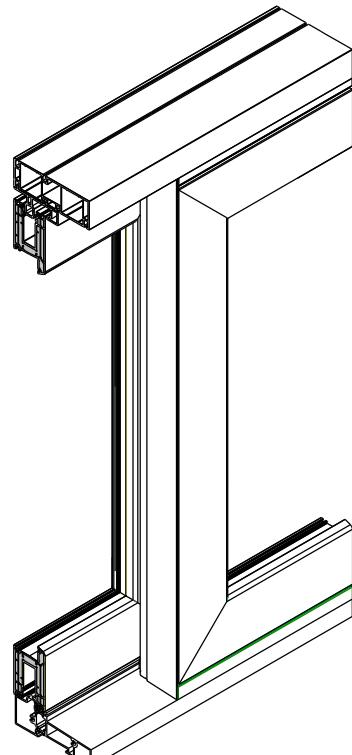
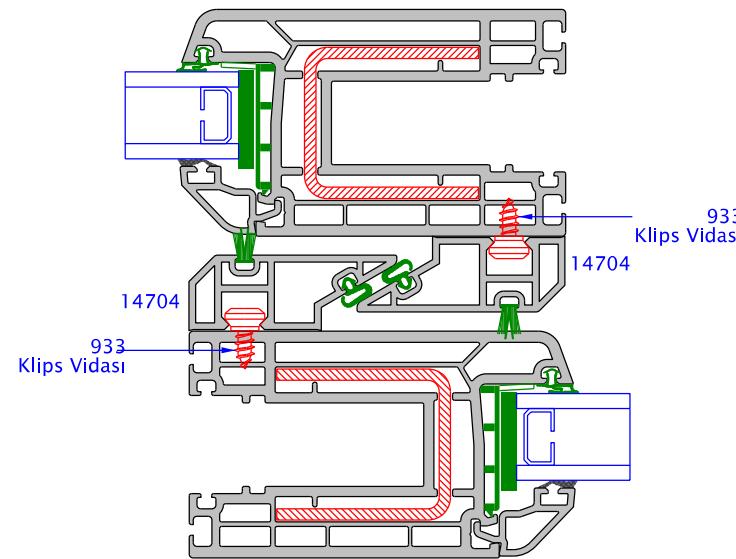
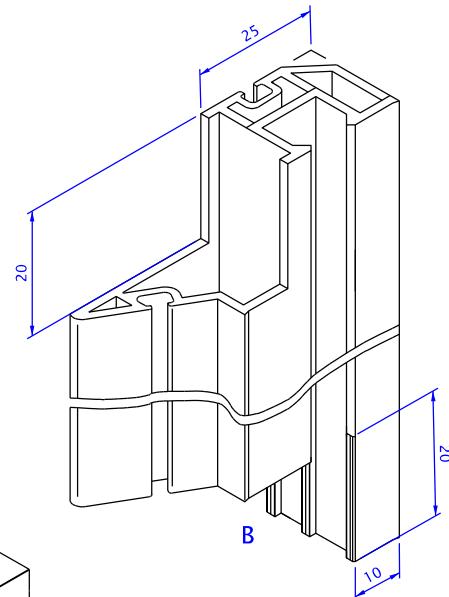
* Sabit kanada $\varnothing 7$ mm sabitleme delikleri açılır.

* Sabit kanadın dikey, üst ve alt yataylarına çift taraflı olarak 14722 conta takılır.



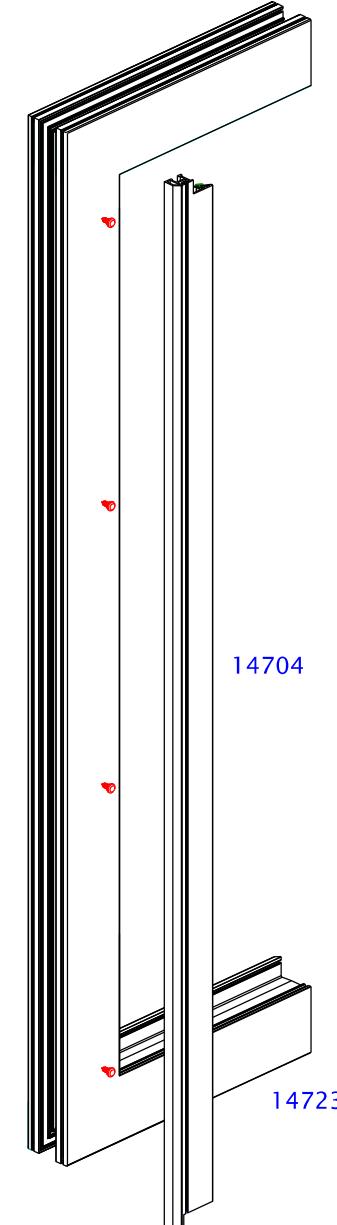
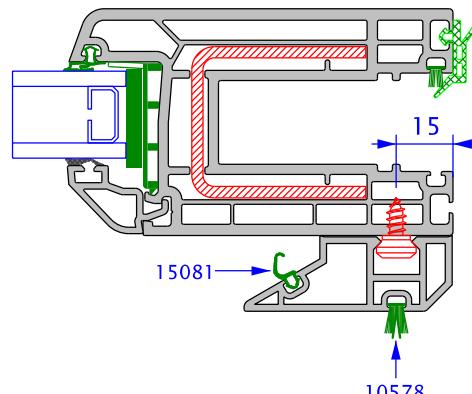


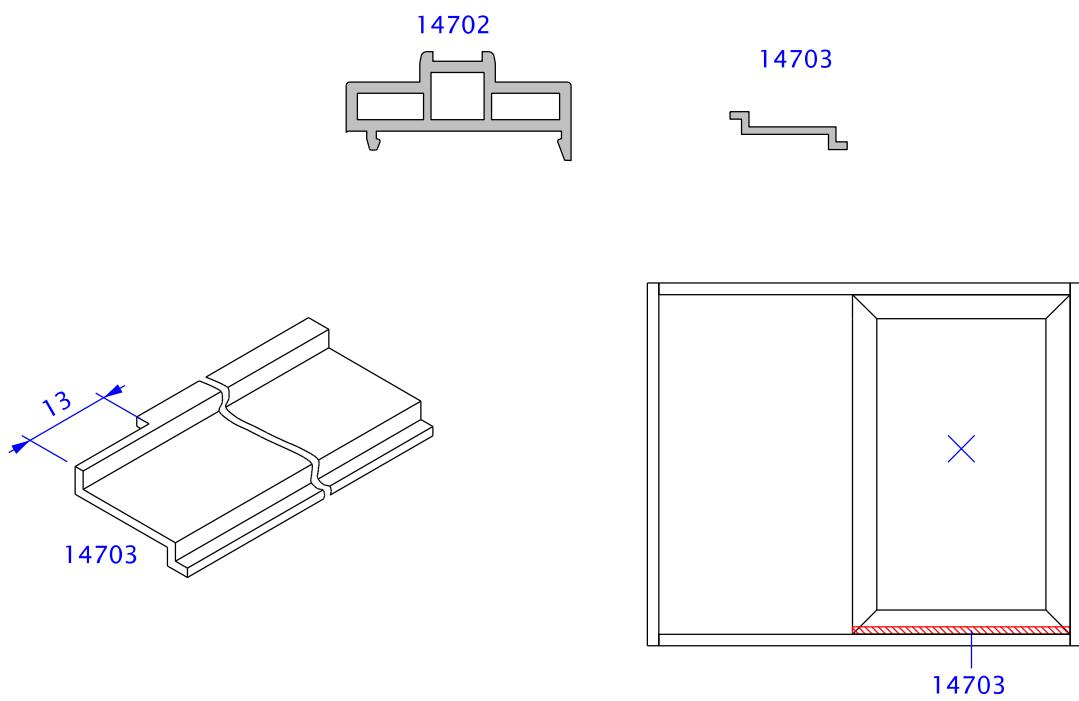
* HS Ara Kapatma Profili
kanat boyu kadar kesilerek
resimdeki ölçülere kertilir.



* HS Ara Kapatma Profili üzerine 15081 ya da 12958 conta ve 10578 fırça takılır.

* 14704 HS Ara Kapatma kanat üzerine 933 Klips Vidası ile monte edilir.

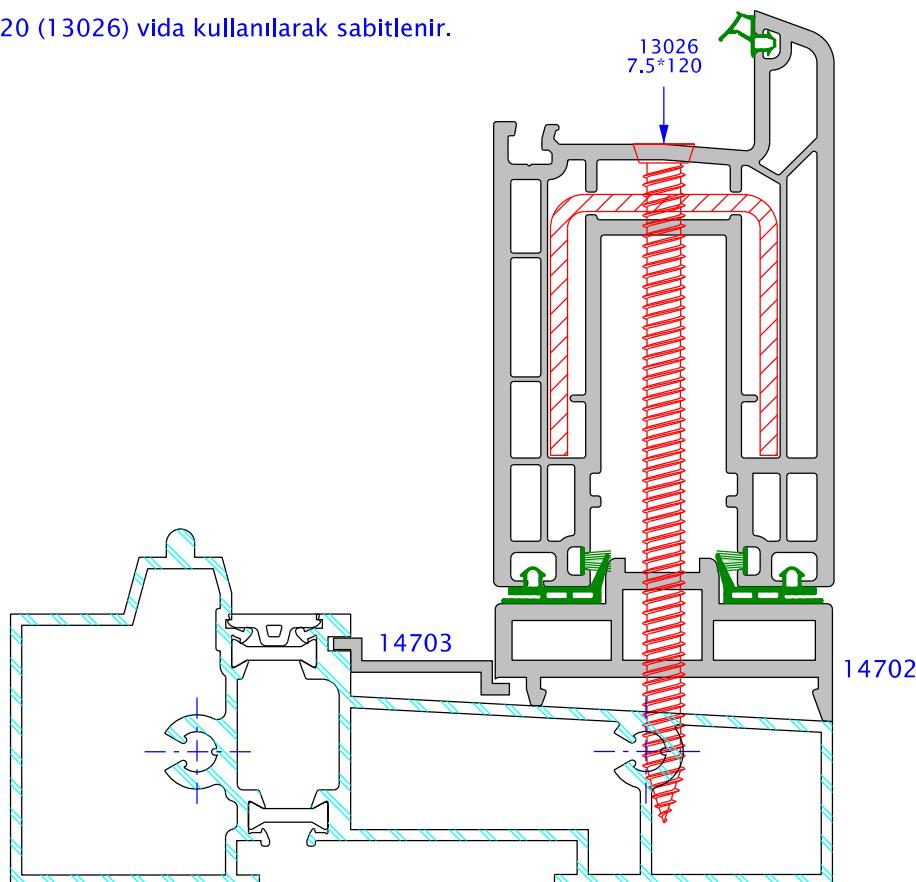


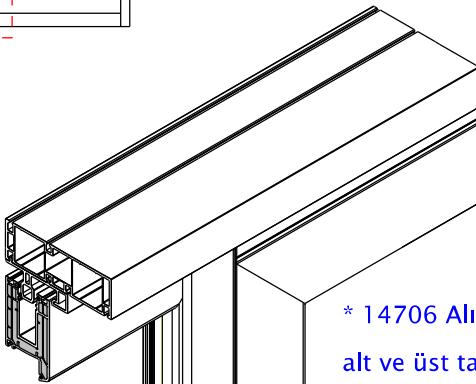
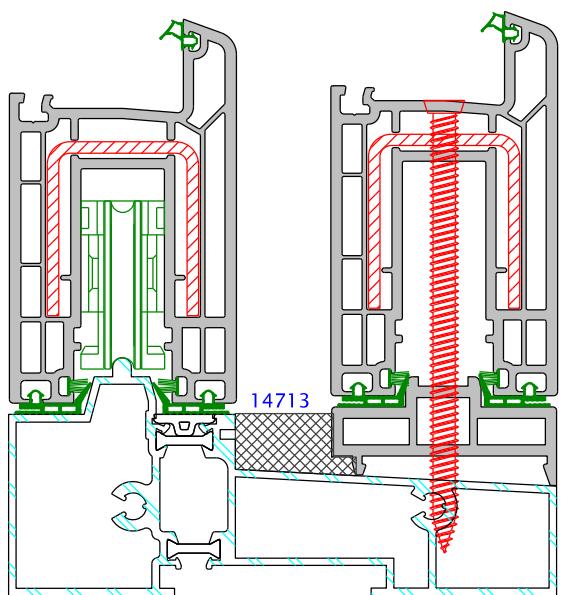
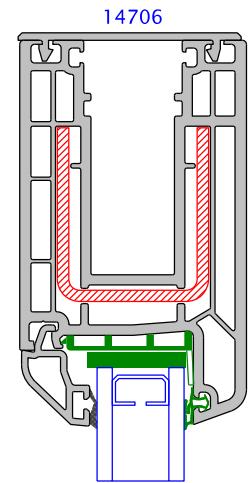
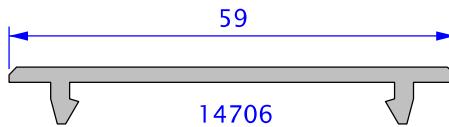
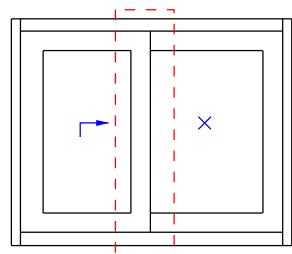
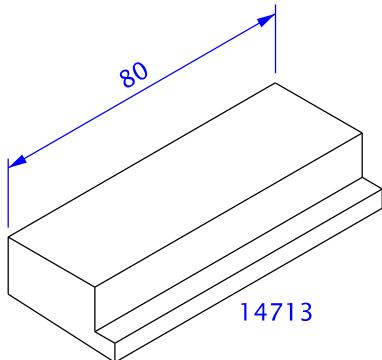


* 14703 – HS ek profili, resimdeki ölçülere kertme işlemi yapılır.

* Daha sonra ,sabit kanat ve aluminyum alt kasa profili arasındaki yuvalara oturtularak itilir.

* Sabit kanat, kasaya 7.5 x 120 (13026) vida kullanılarak sabitlenir.





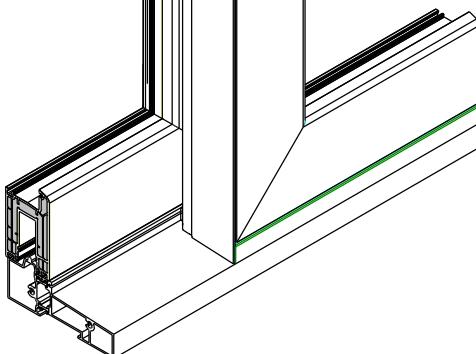
* 14706 Alın Kapatma profili tırnakları alt ve üst taraflardan resimde verilen ölçülerde kertilir.

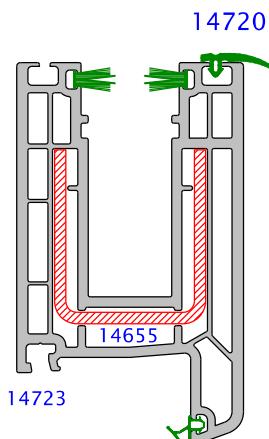
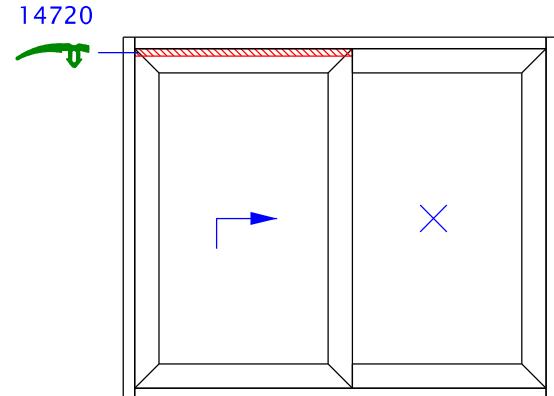
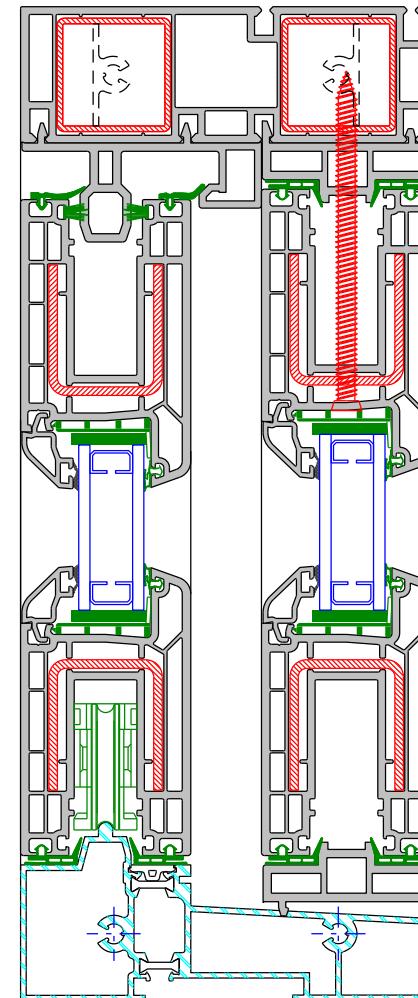
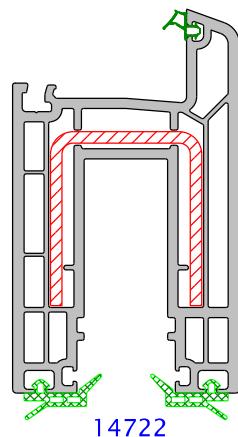
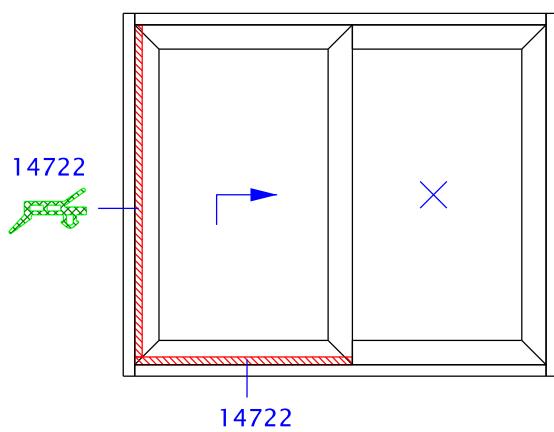
* Profilin alt kısmı 3° kertilerek , alüminyum ray üzerine tam olarak oturması sağlanır.

* Alın kapatma profili tırnakları sabit kanat üzerine geçirilerek sabitlenir.

Teknik dokümanlarınızda değişiklik yapma hakkımız saklıdır.

* Ara kapatma altındaki 14713 – kanat kaldırma takozu, sabit kanadın sonundan 18mm alta alum. alt kasa profili üzerine silikonla sabitlenir.

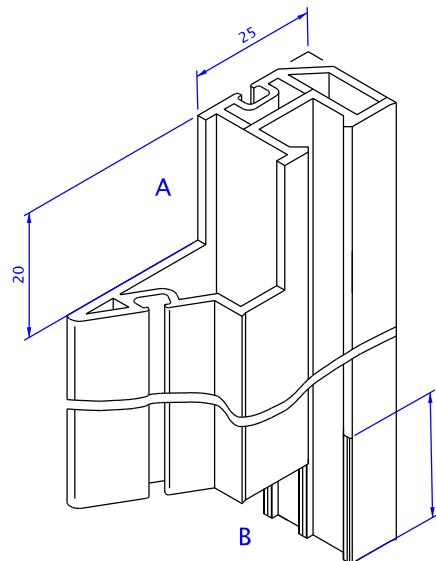
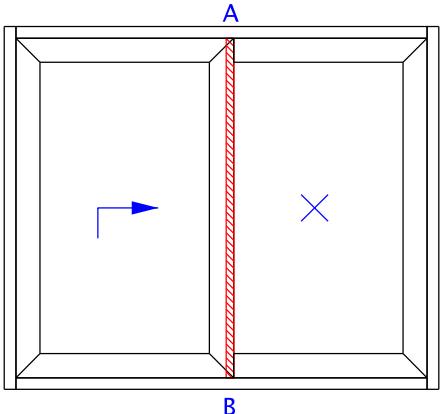




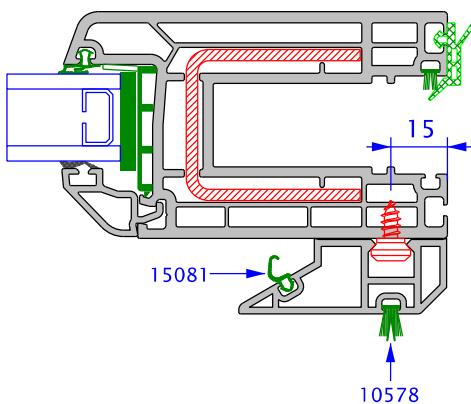
* HS kanat conta (14720), hareketli kanadın üst yatayına takılır.

* Su tahliye ve basınç dengeleme kanallarının açılma şekilleri sabit ve hareketli kanat için aynıdır.

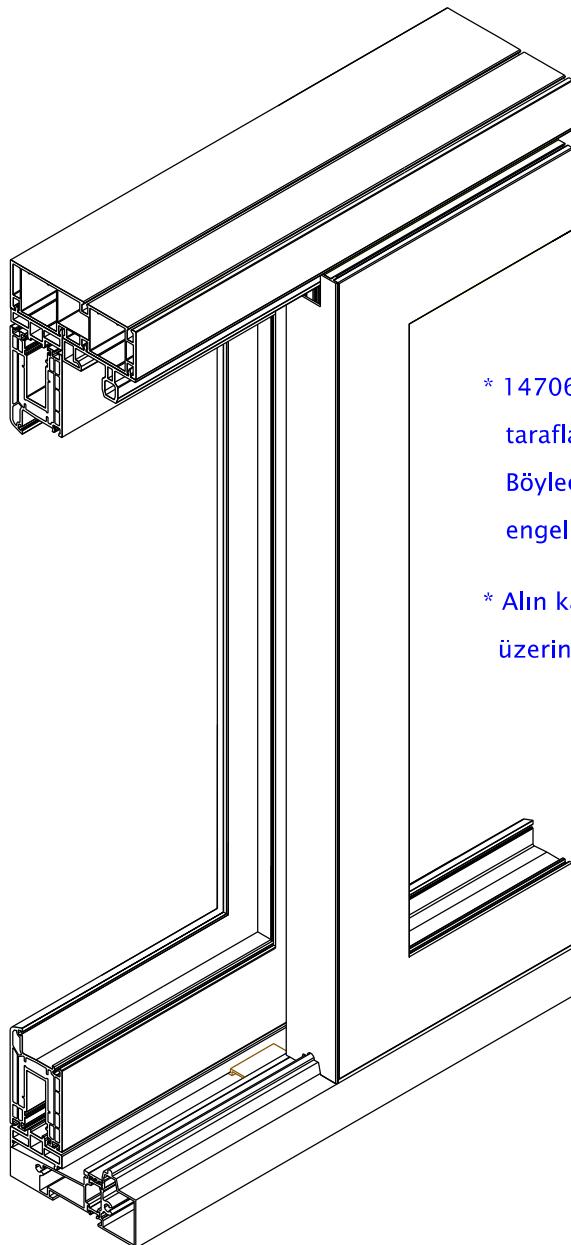
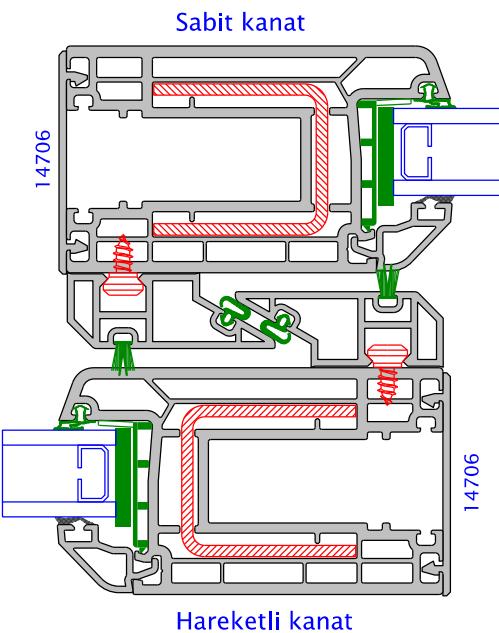
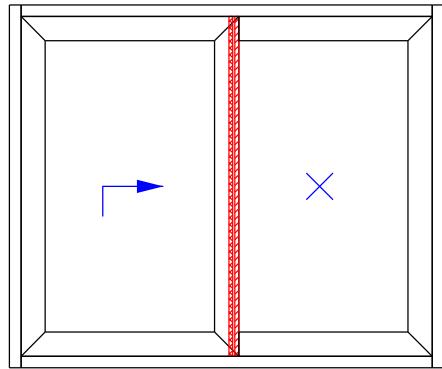
* Hareketli kanada su tahliye kapağı takılmaz.



* HS Ara Kapatma Profili
kanat boyu kadar kesilerek
resimdeki ölçülere kertilir.

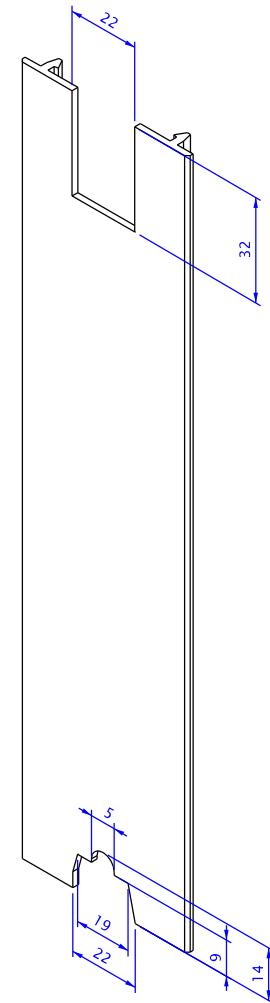


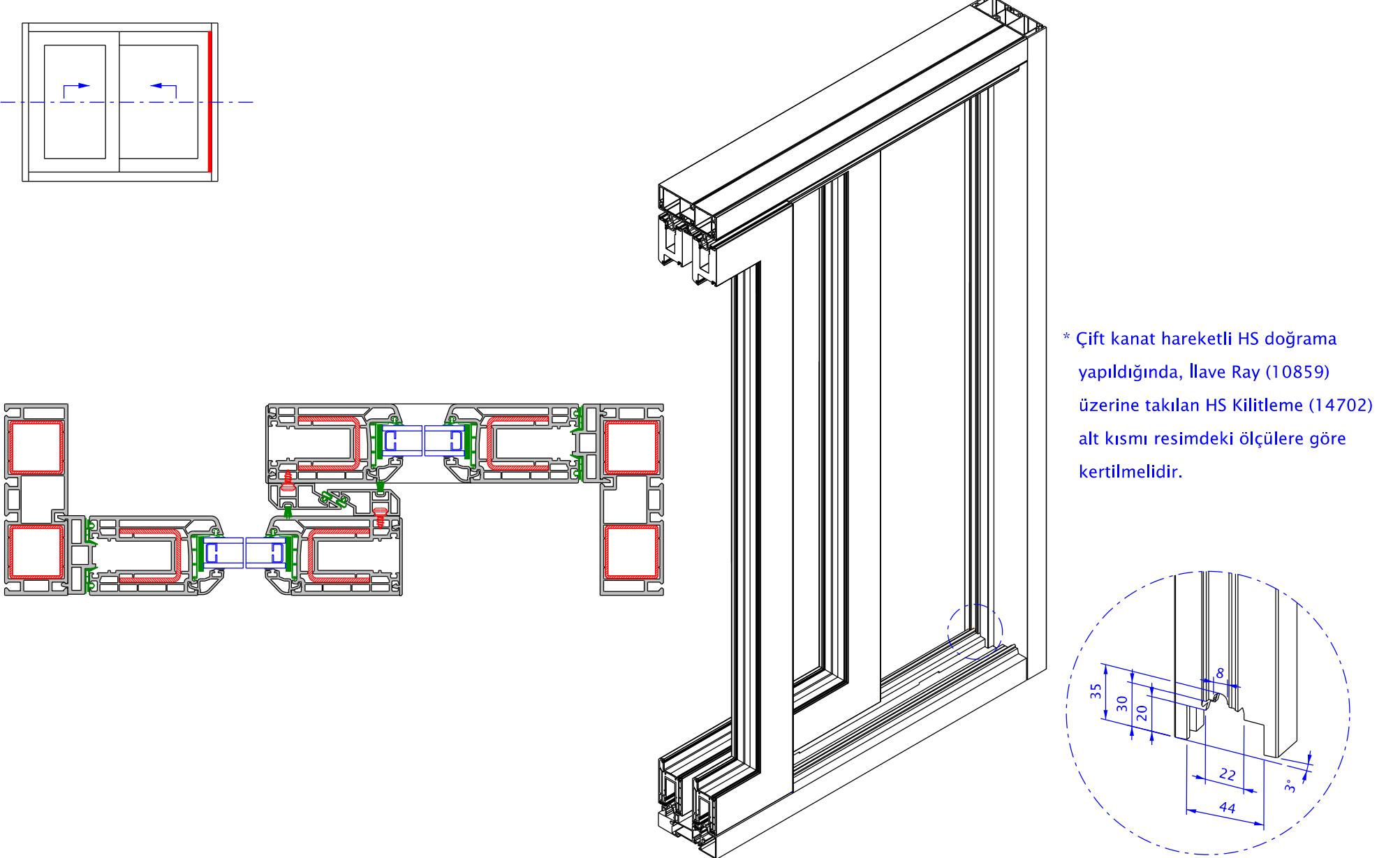
- * Kasa tamamlandıktan ve sabit kanat monte edildikten sonra hazır hale getirilmiş diğer kanat, doğrama içine yerleştirilir.
- * Daha sonra ispanyolet kilit karşılıkları kasaya sabitlenerek, hareketli kanat kilitlenir
- * Ara kapatma profili kanat boyu kadar kesilir, contası ve fırçası takılır.
- * 933 vida ile kanat üzerine sabitlenir

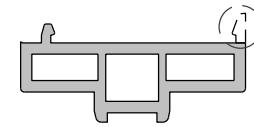
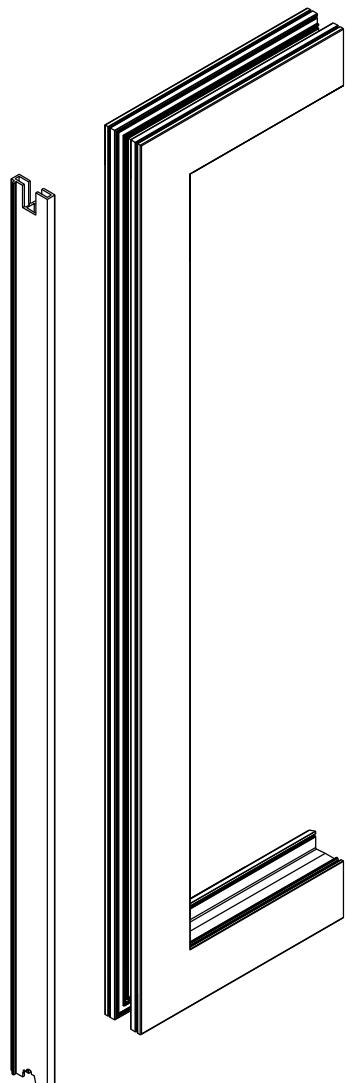
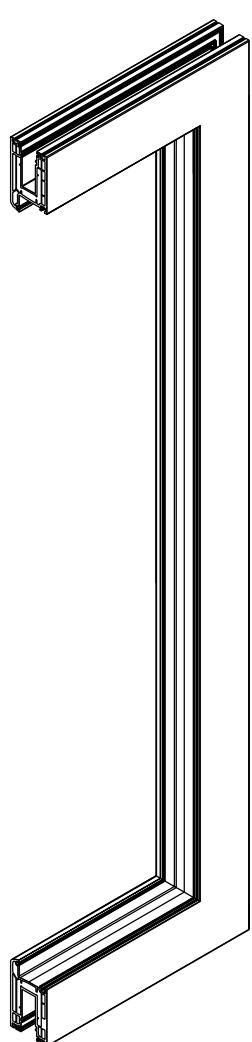
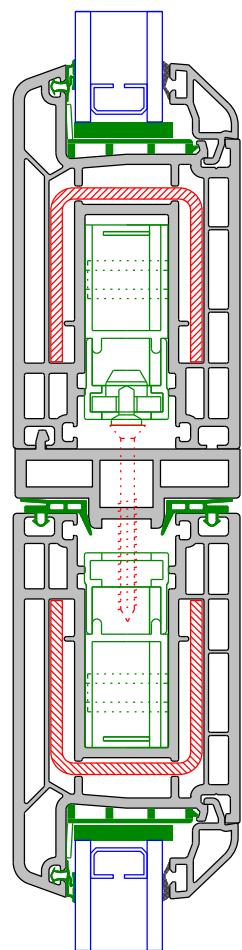
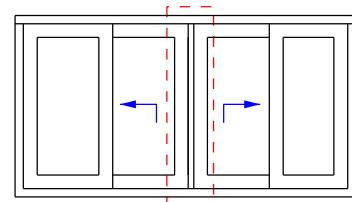


* 14706 Alın Kapatma profili alt ve üst taraflardan resimde verilen ölçülerde kertiilir. Böylece alt ve üst taraftaki raylara çarpması engellenir.

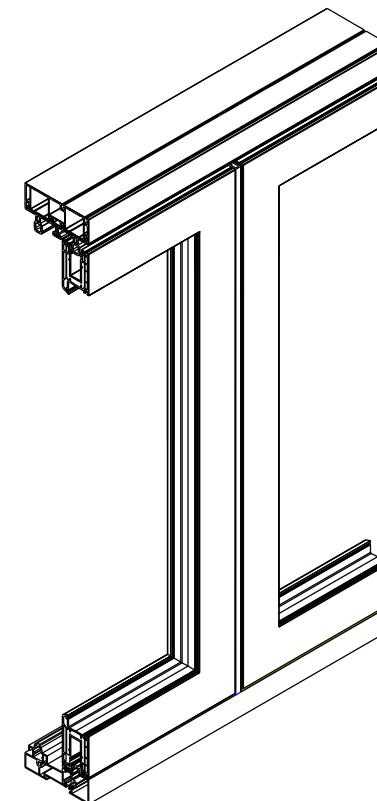
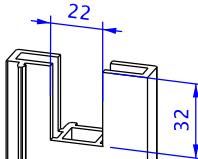
* Alın kapatma profili tırnakları hareketli kanat üzerine geçirilerek sabitlenir.



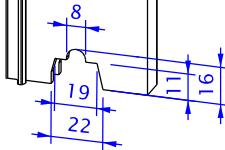


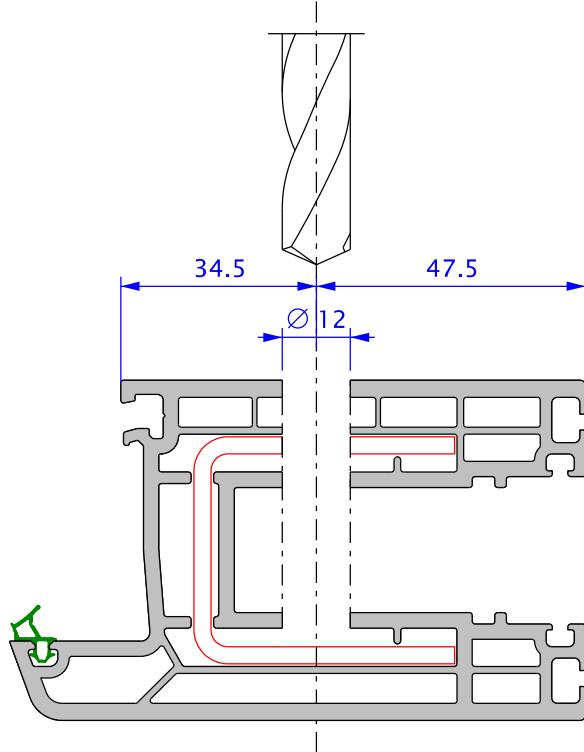
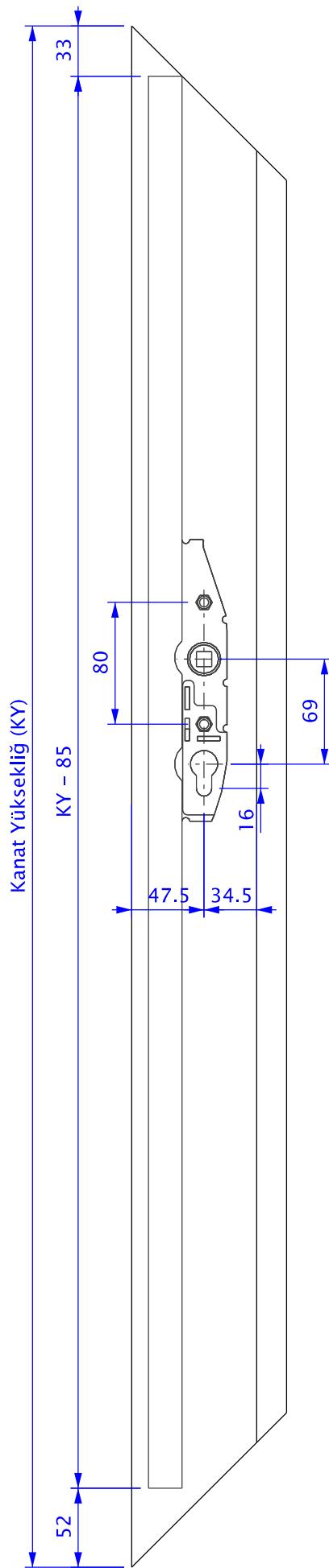


* 14702 HS Kilitleme profilinin
uzun tırnağı kertilmelidir.

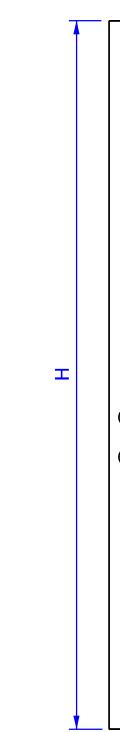
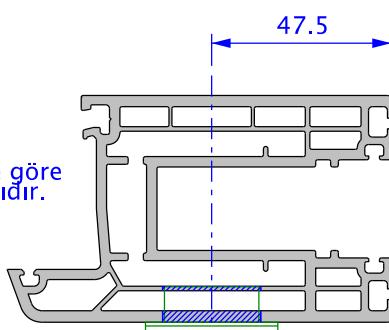


* 14702 HS Kilitleme profilinin
resimdeki ölçülere göre kertilmesi
gerekmektedir.





Kol karşılığı için,
resimdeki ölçülere göre
boşaltma yapılmalıdır.



HS İspanyoletler

Kod	Boy (H)
10851	1700 mm
10852	2200 mm
10853	2600 mm

