



## SİSTEMLER KATOLOĞU



WD 55 SERİSİ



AKPA Alüminyum yatırımlarına hız kesmeden devam ediyor.



1986 yılından beri Türk alüminyum sektörünün güçlü oyuncularından biri olarak varlığını devam ettiren AKPA Alüminyum, dökümhane, kalıp üretim hattı, ekstrüzyon tesisi, boya hattı, eloksal hattı, mekanik arıtma ve yükleme departmanları ile entegre bir tesistir.

Kurulduğu günden bu yana sürekli büyüme misyonuyla hareket eden AKPA Alüminyum, sektörün ihtiyaçları doğrultusunda yeni yatırımlar yaparak sektördeki güçlü konumunu sürdürüyor.

Tüm üretim süreçlerinde yüksek müşteri memnuniyetini esas alan AKPA Alüminyum, modern üretim tesislerinde, inovatif ürün gamını yurt içi ve yurtdışından tüm müşterilerine güvenle sunuyor.

Yurtiçi pazarlarındaki güçlü konumunu yurtdışı pazarlarda da devam ettiren AKPA Alüminyum, kaliteli ürünlerini tüm dünyaya güvenle ulaştırıyor.





Kaliteyi takip etmiyor kaliteye yön veriyoruz.

Kalite bizim için vazgeçilmezdir.



Türk alüminyum sanayinin en güçlü firmalarından biri olan AKPA Alüminyum, Euro normlarına uygun olarak ürettiği her üründe teklif aşamasından ürünün teslimatına kadar Kalite Yönetim Sistemi uyguluyor.

AKPA Alüminyum TSE 755-1, TSE 5247 en 12020-01, TSE 4922, ISO 9001:2000 CE belgelerinin yanında QUALICOAT ve IFT ROSENHEIM kalite sertifikalarına sahip olarak tüm ürünlerinde yüksek kalite standartlarını belgelendirmiştir.

Tüm üretim süreçlerinde yüksek kalitenin önemini bilen içinde uzman 550 eğitilmiş ve deneyimli personeli ile 80000 metrekarelik tesislerinde;

Yıllık 1400 adet kalıp üretimi

Aylık 4 pres hattı ile toplamda 2000 ton profil üretimi

Aylık 1000 ton eloksal üretimi

Aylık 1200 ton Elektrostatik üretimi

Aylık 100 ton ahşap kaplama film üretimi kapasitesine sahiptir.



## ALÜMİNYUM PROFİLLERİN GENEL TEKNİK ŞARTNAMESİ

SIRA NO	KATSAYILAR	DEĞERİ	BİRİMİ
1.	Özgül Ağırlık	2.71	gr / cm <sup>3</sup>
2.	Kullanılan Takoz	AlMgSi0.5	DIN - Almanya
		6063	BS - İngiltere
		60	ETIAL - Türkiye
3.	Genleşme Katsayısı	23.4	20 - 100 °C
4.	Elastisite Modülü	6900	Kg / mm <sup>2</sup>
5.	Çekme Mukavemeti	17.5	( 24 C de Kg / mm <sup>2</sup> )
6.	Uzama	% 8	Delta L / L* 100 ( 50 mm uzunlukta)
7.	Sertlik	60 - 65	Brinell ( HB ) Kg / mm <sup>2</sup>
8.	Akma Mukavemeti	14	Kg / mm <sup>2</sup>
9.	Kesme Mukavemeti	13	Kg / mm <sup>2</sup>
10.	Boyanın Kalınlığı	70 - 80	Micron
11.	Eloksal Kalınlığı	10 - 12	Micron
	(Eloksal kalınlığı isteğe bağlı olarak 16 micron'a kadar çıkabilir.		

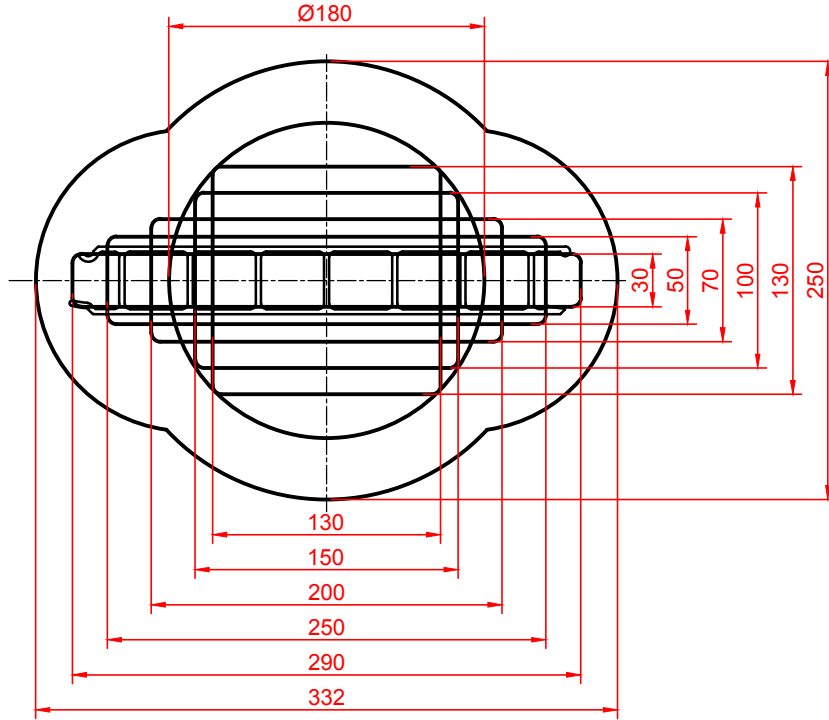
Boyalı profillerde, kesitlere göre birim ağırlık % 2~4 nispetinde artar.

## AlMgSi0.5 ALAŞIMIN KİMYASAL BİLEŞİMİ

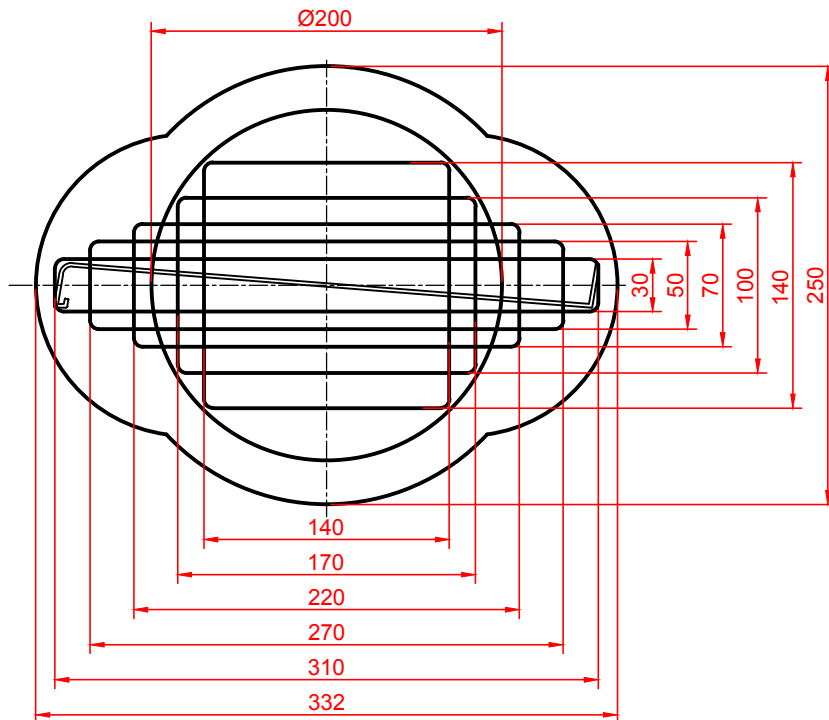
Element	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Diğer Elementler	
									Herbiri	Toplam
Min.	0.40	0.18	-	-	0.45	-	-	-	-	-
Max.	0.45	0.22	0.02	0.03	0.50	0.02	0.02	0.02	0.02	0.10



## ÜRETİLEBİLEN MAX. PROFİL BOYUTLARI

### İÇİ BOŞ PROFİLLER İÇİN




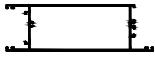







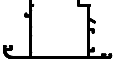
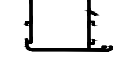
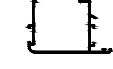



### DOLU PROFİLLER İÇİN



SIRA NO	PROFİL NO	PROFİL RESMİ	PROFİL İSMİ	Jx (cm) <sup>4</sup> Jy (cm) <sup>4</sup>	AĞIRLIK (Kg / m)	SAYFA NO
01	<b>1685</b>		RADYÜSLÜ DAR KASA ( 1.3 mm )	6.141 14.963	0.905	A-01
02	<b>1780</b>		RADYÜSLÜ DAR KASA ( 1.7 mm )	7.112 18.524	1.135	A-01
03	<b>1686</b>		RADYÜSLÜ GENİŞ KASA ( 1.3 mm )	13.453 18.247	1.008	A-01
04	<b>1781</b>		RADYÜSLÜ GENİŞ KASA ( 1.7 mm )	16.018 22.753	1.269	A-01
05	<b>1687</b>		RADYÜSLÜ SÜPER KASA ( 1.3 mm ) ÇARPMA KAPI KANADI	19.516 20.162	1.067	A-01
06	<b>1782</b>		RADYÜSLÜ SÜPER KASA ( 1.7 mm ) ÇARPMA KAPI KANADI	23.461 25.234	1.347	A-01
07	<b>1905</b>		DAR KASA ( 1.3 mm )	4.962 11.717	0.831	A-02
08	<b>1906</b>		DAR KASA ( 1.7 mm )	5.661 14.324	1.033	A-02
09	<b>1907</b>		GENİŞ KASA ( 1.3 mm )	11.456 14.462	0.934	A-02
10	<b>1908</b>		GENİŞ KASA ( 2.0 mm )	14.323 19.662	1.282	A-02
11	<b>1909</b>		SÜPER KASA ( 1.3 mm ) ÇARPMA KAPI KANADI	16.912 16.065	0.994	A-02
12	<b>1910</b>		SÜPER KASA ( 2.0 mm ) ÇARPMA KAPI KANADI	21.481 22.073	1.374	A-02
13	<b>1693</b>		DAR ORTA KAYIT ( 1.3 mm )	8.792 13.684	1.001	A-03
14	<b>1790</b>		DAR ORTA KAYIT ( 1.7 mm )	9.892 16.667	1.225	A-03
15	<b>1694</b>		GENİŞ ORTA KAYIT ( 1.3 mm )	17.773 16.495	1.103	A-03

NOT : Profil birim ağırlıkları bilgisayarda tespit edilmiş teorik ağırlıklardır.

SIRA NO	PROFİL NO	PROFİL RESMİ	PROFİL İSMİ	Jx (cm) <sup>4</sup> Jy (cm) <sup>4</sup>	AĞIRLIK (Kg / m)	SAYFA NO
16	1783		GENİŞ ORTA KAYIT ( 2.0 mm )	21.761 22.353	1.489	A-03
17	1901		GENİŞ ORTA KAYIT ( 1.8 mm )	33.674 23.892	1.499	A-04
18	1788		EXTRA GENİŞ ORTA KAYIT	94.117 34.992	1.966	A-04
19	1789		ETEK (175 mm)	268.612 52.414	2.588	A-07
20	1902		ETEK (135 mm)	119.834 41.115	2.114	A-07
21	1691		DAR KANAT ( 1.3 mm )	7.474 18.376	0.942	A-05
22	1784		DAR KANAT ( 1.7 mm )	8.282 22.415	1.180	A-05
23	1692		GENİŞ KANAT ( 1.3 mm )	15.534 22.102	1.049	A-05
24	1785		GENİŞ KANAT ( 2.0 mm )	19.181 30.535	1.467	A-05
25	1900		EXTRA GENİŞ KANAT ( 1.8 mm )	33.784 33.325	1.497	A-04
26	1786		DIŞA AÇILIR GENİŞ KANAT ( 2.0 mm )	16.912 16.065	1.820	A-06
27	3943		DIŞA AÇILIR GENİŞ KANAT ( 1.6 mm )	54.552 33.821	1.559	A-06
28	1787		İÇE AÇILIR GENİŞ KANAT ( 2.0 mm )	55.961 41.103	1.772	A-06
29	1660		İÇE AÇILIR GENİŞ KANAT ( 1.6 mm )	49.924 34.785	1.517	A-06
30	1791		ÇİFT KANAT ADAPTÖRÜ		1.082	A-09

NOT : Profil birim ağırlıkları bilgisayarda tespit edilmiş teorik ağırlıklardır.



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31	1792		DIŞA AÇILIR KANAT ADAPTÖRÜ		0.829	A-09
32	1793		PİVOT ADAPTÖRÜ		0.950	A-08
33	2052		PİVOT MENTEŞE		1.724	A-09
34	2172		AYARLI KAPI KASASI		1.841	A-13
35	2174		AYARLI KAPI KASASI ADAPTÖRÜ		0.979	A-13
36	2175		AYARLI KAPI KASASI ADAPTÖRÜ		1.077	A-13
37	2176		AYARLI KAPI KASASI ADAPTÖRÜ		1.174	A-13
38	2247		AYARLI KAPI KASASI ADAPTÖRÜ		1.392	A-15
39	2248		AYARLI KAPI KASASI ADAPTÖRÜ		1.538	A-15
40	2249		AYARLI KAPI KASASI ADAPTÖRÜ		1.685	A-16
41	164		KÖŞEBENT PROFİLİ 40x40x4		0.824	A-12
42	1775		ORTA KAYIT BAĞLANTISI		1.525	A-19
43	1777		ORTA KAYIT BAĞLANTISI		1.125	A-19
44	1779		ÇARPMA KAPI ADAPTÖRÜ Düz kasa için		0.439	A-09
45	1913		ÇARPMA KAPI MENTEŞE ALTLIĞI Düz kasa için		0.621	A-09

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





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46	1795		ÇARPMA KAPI MENTEŞE ALTLIĞI Radyüslü kasa için		0.638	A-09
47	1794		ÇARPMA KAPI ADAPTÖRÜ Radyüslü kasa için		0.461	A-09
48	1698		ISI CAM ÇİTASI ( s : 1.2 mm )		0.252	A-11
49	1699		ISI CAM ÇİTASI ( s : 1.2 mm )		0.262	A-11
50	1745		ISI CAM ÇİTASI ( s : 1.2 mm )		0.271	A-11
51	2236		ISI CAM ÇİTASI ( s : 1.2 mm )		0.308	A-11
52	1746		ISI CAM ÇİTASI ( s : 1.2 mm )		0.258	A-11
53	1747		TAHTA LAMBRE ÇİTASI ( s : 1.2 mm )		0.331	A-11
54	1748		TAHTA LAMBRE ÇİTASI ( s : 1.2 mm )		0.317	A-11
55	1749		TEK CAM ÇİTASI ( s : 1.2 mm )		0.344	A-11
56	1750		TEK CAM ÇİTASI ( s : 1.2 mm )		0.330	A-11
57	1684		TAHTA LAMBRE ÇİTASI ( s : 1.2 mm )		0.326	A-12
58	1123		FUGALI KASA "T" si ( s : 1.2 mm )		0.355	A-12
59	1121		FUGALI KASA "T" si ( s : 1.3 mm )		0.232	A-12
60	1035		DÜZ KASA "T" si ( s : 1.2 mm )		0.239	A-12






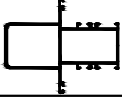







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61	1139		DÜZ KASA "T" si ( s : 1.2 mm )		0.239	A-12
62	1011		DAMLALIK		0.402	A-08
63	7021		DAMLALIK		0.140	A-09
64	1122		İSPANYOLET ÇUBUĞU		0.157	A-08
65	1752		PENCERE MENTEŞESİ		0.640	A-19
66	1753		PENCERE MENTEŞESİ		0.565	A-19
67	1754		KİLİT KARŞILIĞI ( KAPI SERİSİ )		0.285	A-12
68	1755		KİLİT KARŞILIĞI ( PENCERE SERİSİ )		0.234	A-12
69	2150		KAPI MENTEŞESİ		2.218	A-21
70	2151		KAPI MENTEŞESİ		3.437	A-21
71	2154		MENTEŞE SOMUNU		0.422	A-21
72	2155		MENTEŞE KAPAĞI		0.333	A-21
73	461		KAPI MENTEŞESİ		1.923	A-21
74	462		MENTEŞE KAPAĞI		0.638	A-21
75	463		KAPI MENTEŞESİ		2.701	A-21

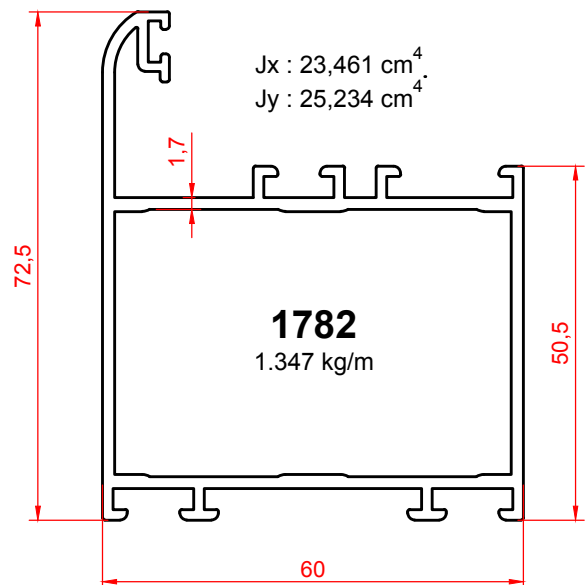
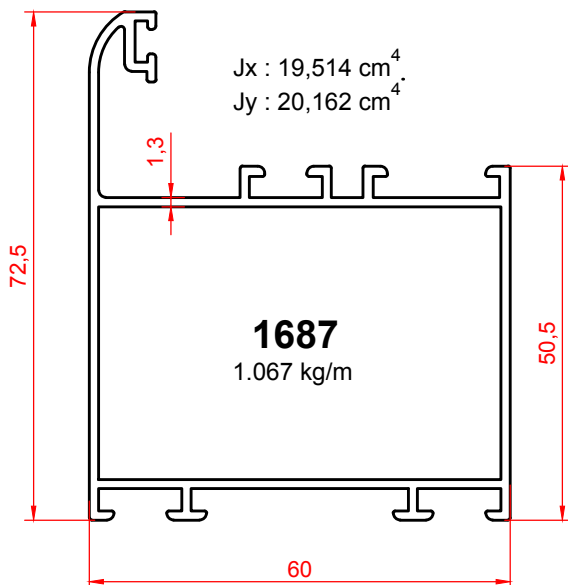
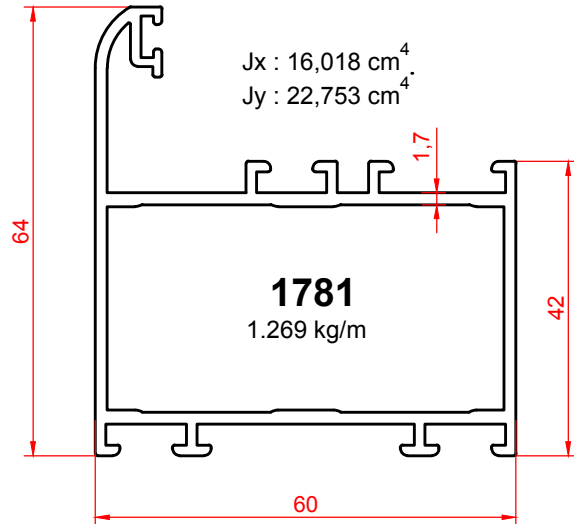
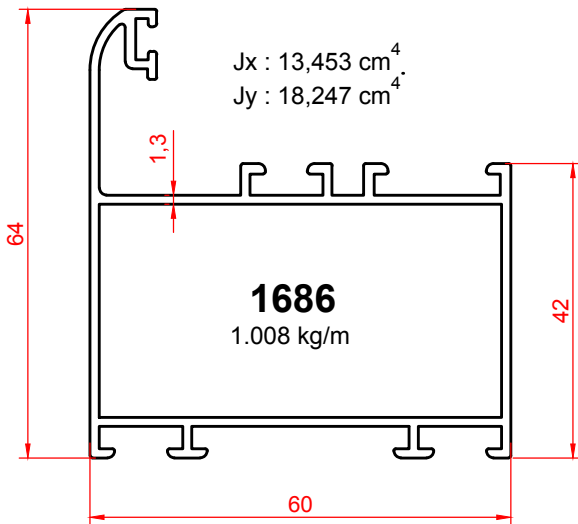
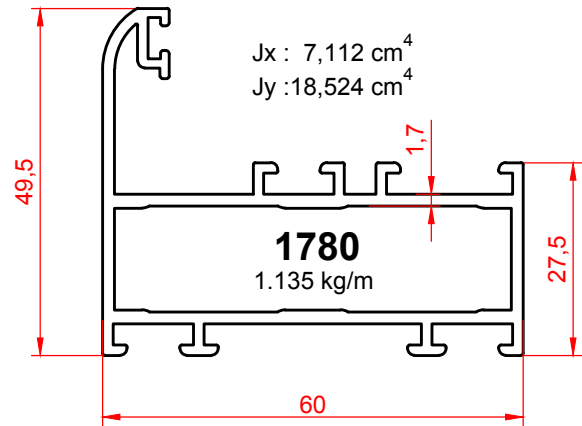
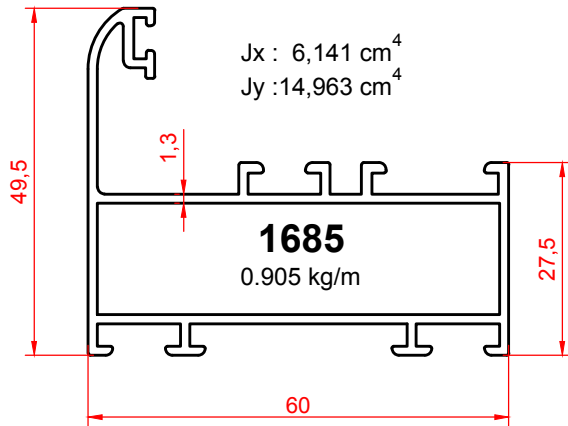
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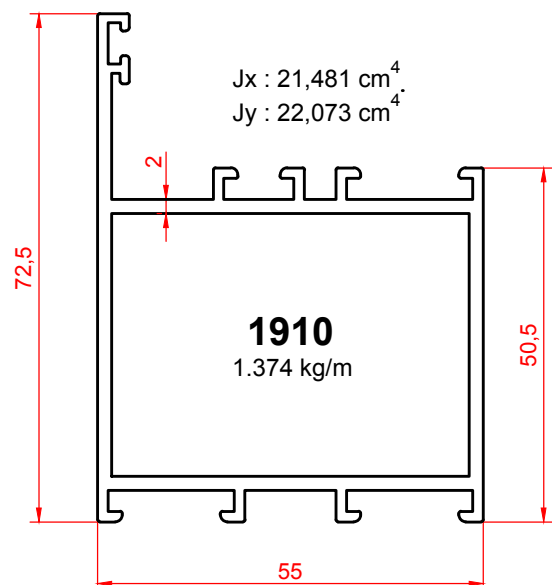
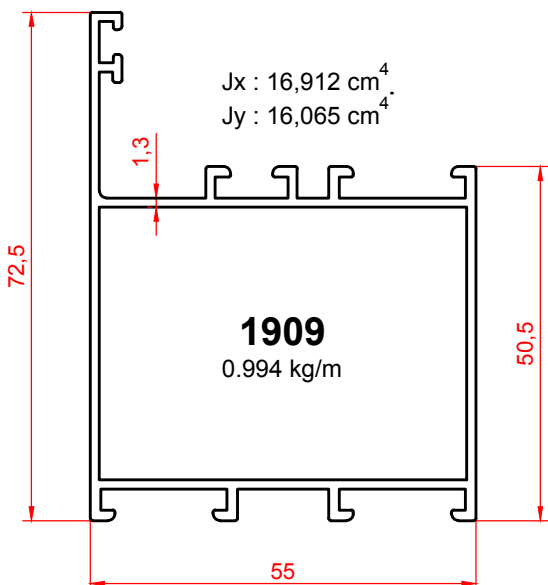
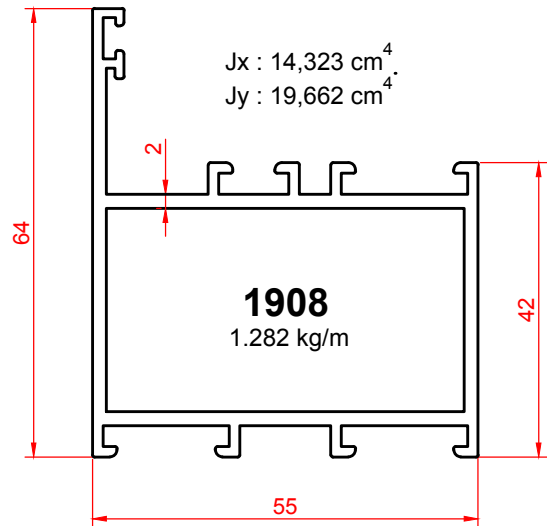
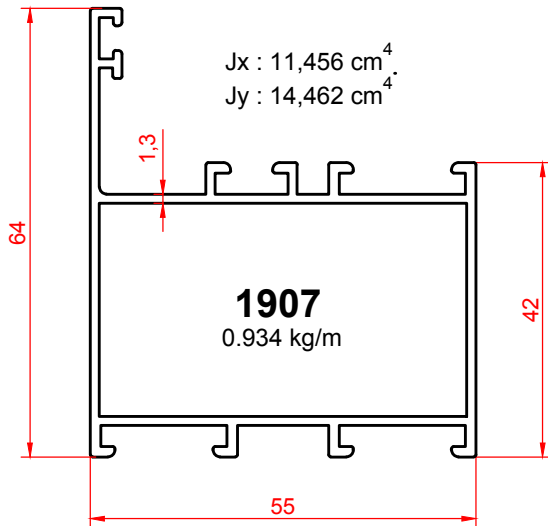
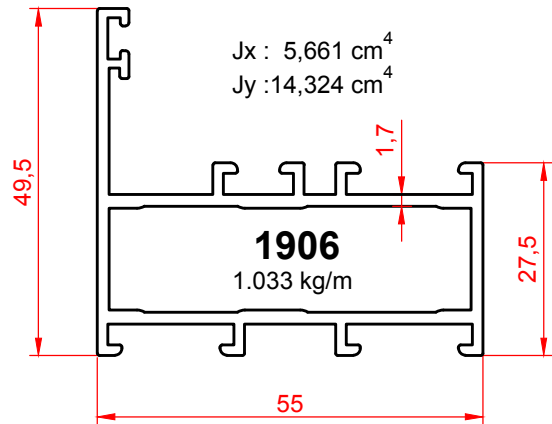
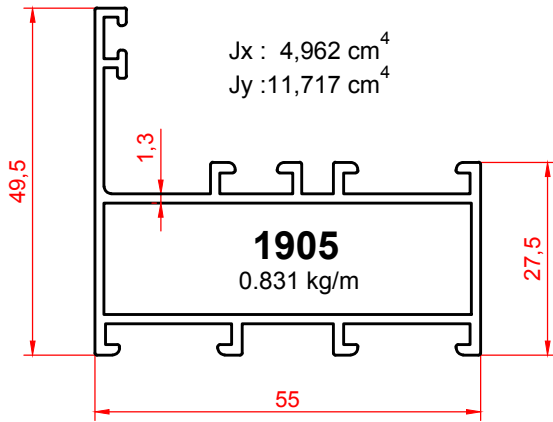
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76	<b>464</b>		MENTEŞE KAPAĞI		0.754	A-21
77	<b>491</b>		KAPI MENTEŞESİ		2.119	A-21
78	<b>2138</b>		MENTEŞE KAPAĞI		0.823	A-22
79	<b>2139</b>		MENTEŞE KAPAĞI		1.438	A-22
80	<b>2140</b>		MENTEŞE SOMUNU		0.536	A-21
81	<b>1662</b>		KÖŞE TAKOZU		2.591	A-18
82	<b>1695</b>		KÖŞE TAKOZU		2.602	A-17
83	<b>1663</b>		KÖŞE TAKOZU		3.578	A-18
84	<b>1696</b>		KÖŞE TAKOZU		3.355	A-17
85	<b>1903</b>		KÖŞE TAKOZU		6.225	A-17
86	<b>1664</b>		KÖŞE TAKOZU		4.127	A-18
87	<b>1697</b>		KÖŞE TAKOZU		4.225	A-17
88	<b>1398</b>		KÖŞE TAKOZU		5.089	A-18
89	<b>1904</b>		ÇAVUŞ BAĞLANTI ( 1783 ve 1787 için )		1.337	A-07
90	<b>1764</b>		İSPANYOLET KARŞILIĞI		0.312	A-12

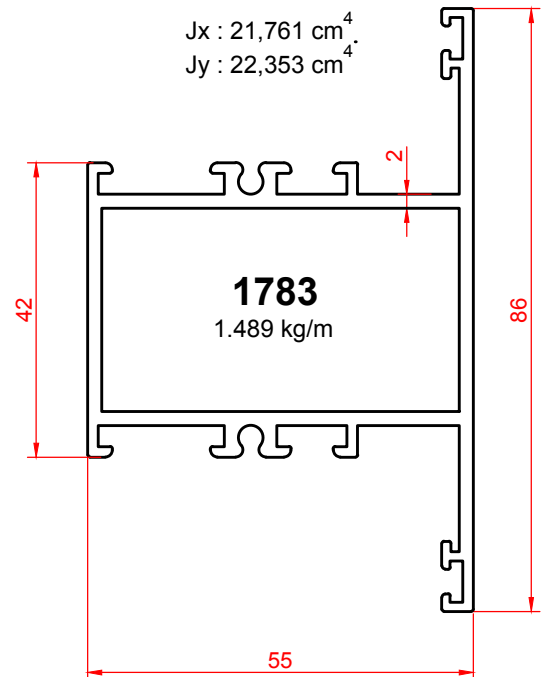
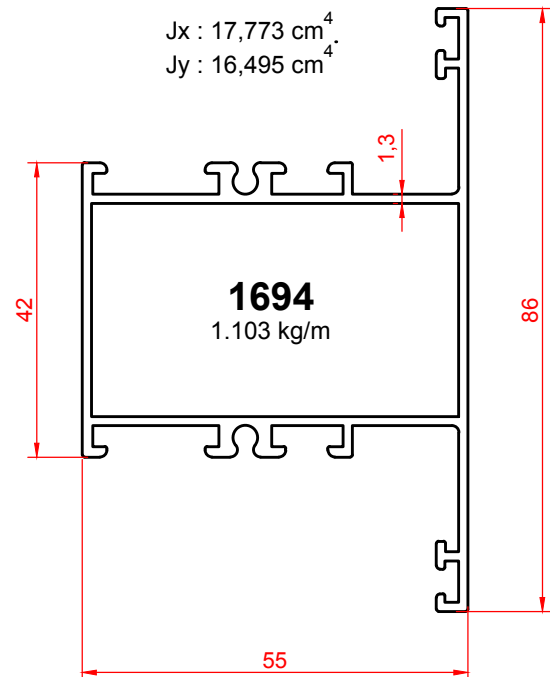
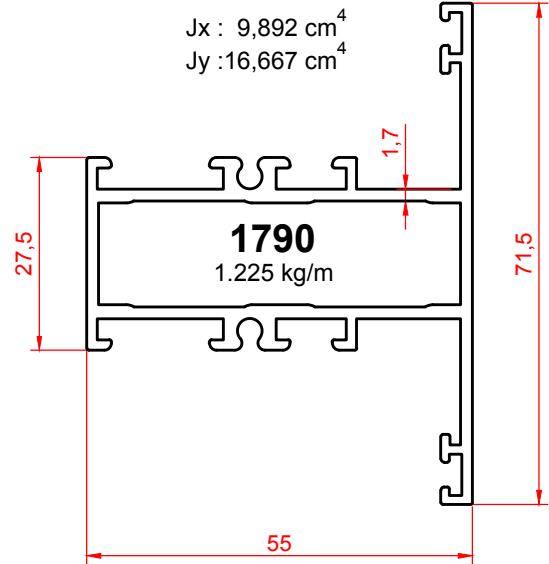
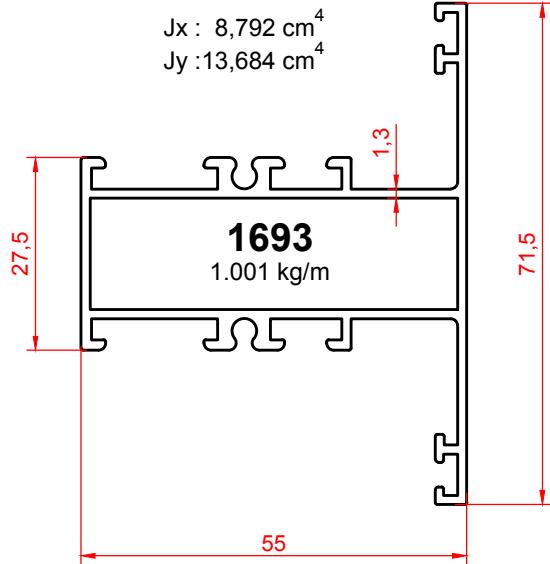
NOT : Profil birim ağırlıkları bilgisayarla tespit edilmiş teorik ağırlıklardır.

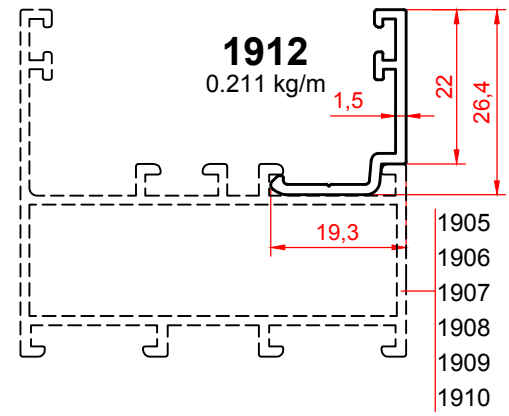
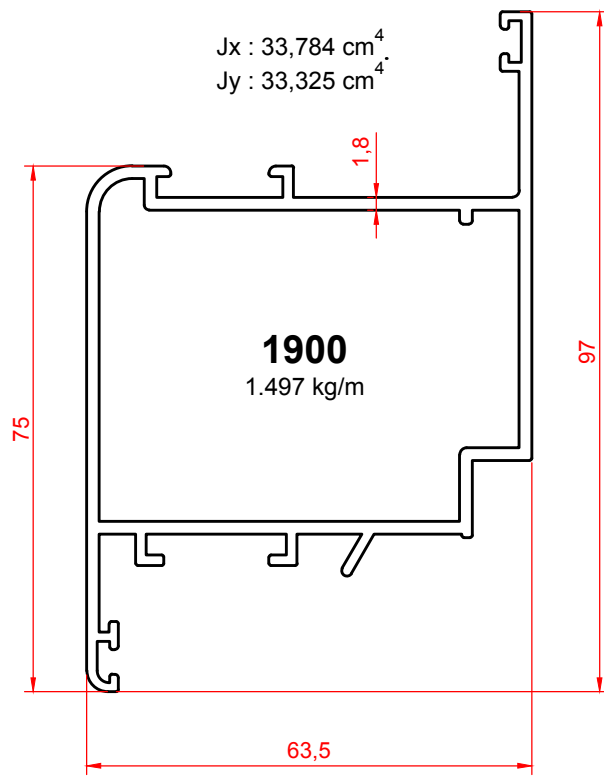
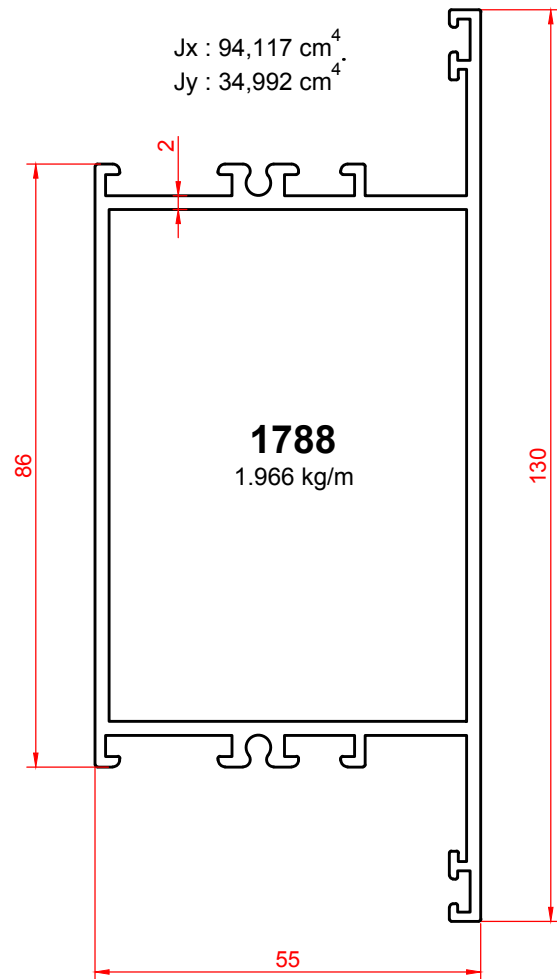
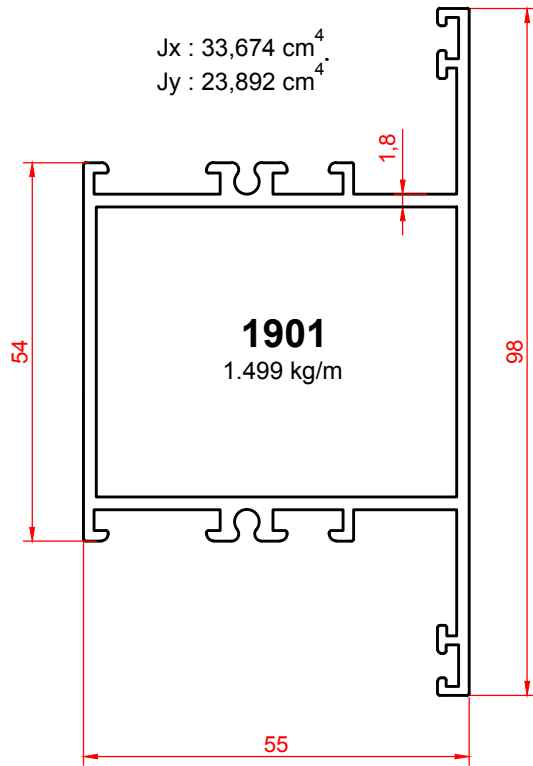
SIRA NO	PROFİL NO	PROFİL RESMİ	PROFİL İSMİ	Jx (cm) <sup>4</sup> Jy (cm) <sup>4</sup>	AĞIRLIK (Kg / m)	SAYFA NO
91	1767		KANAT YASTIĞI		0.263	A-12
92	1682		KAPI VE PENCERE MENTEŞESİ		0.811	A-19
93	1683		KAPI VE PENCERE MENTEŞESİ		0.815	A-19
94	1911		KÖŞE DÖNÜŞ ADAPTÖRÜ		0.425	A-10
95	1912		ADAPTÖR		0.211	A-04
96	2096		TAKVİYELİ ORTA KAYIT	91.712 30.854	2.321	A-08
97	1722		ORTA KAYIT BAĞLANTI " U " PROFİLİ		0.623	A-10
98	1681		ADAPTÖR		0.340	A-20
99	4251		ADAPTÖR		0.182	A-20
100	482		KAPI MENTEŞESİ		3.143	A-20
101	483		MENTEŞE KAPAĞI		0.604	A-20
102	484		KAPI MENTEŞESİ		2.469	A-20
103	485		MENTEŞE KAPAĞI		0.392	A-20

NOT : Profil birim ağırlıkları bilgisayarda tespit edilmiş teorik ağırlıklardır.

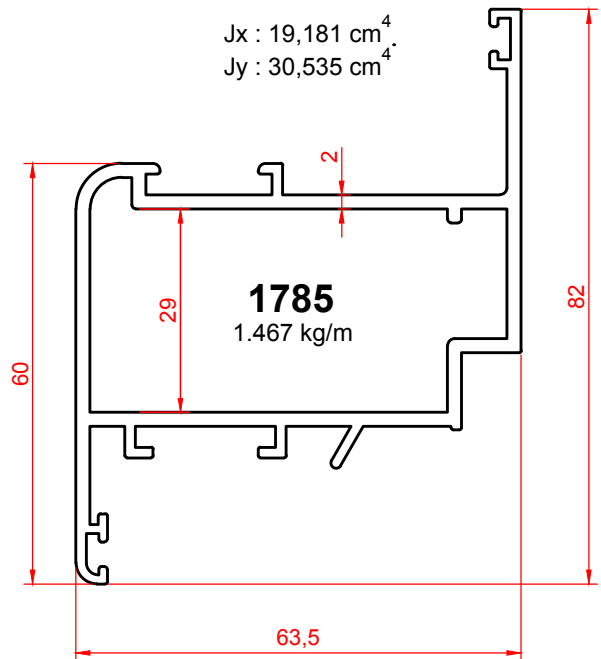
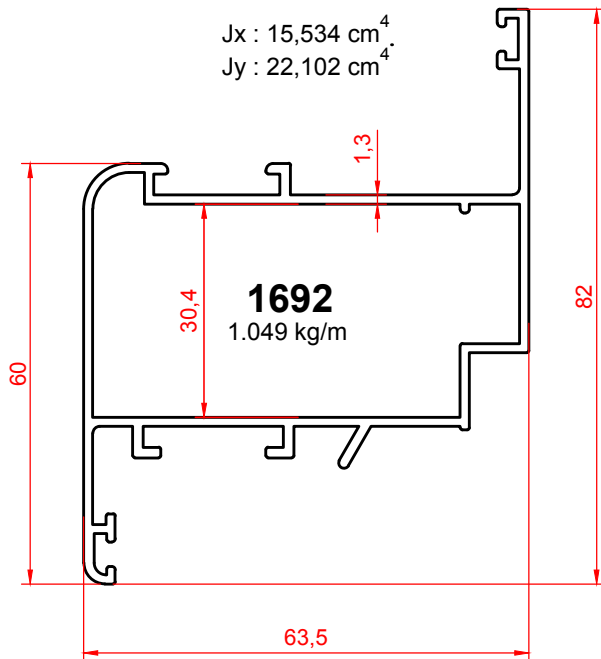
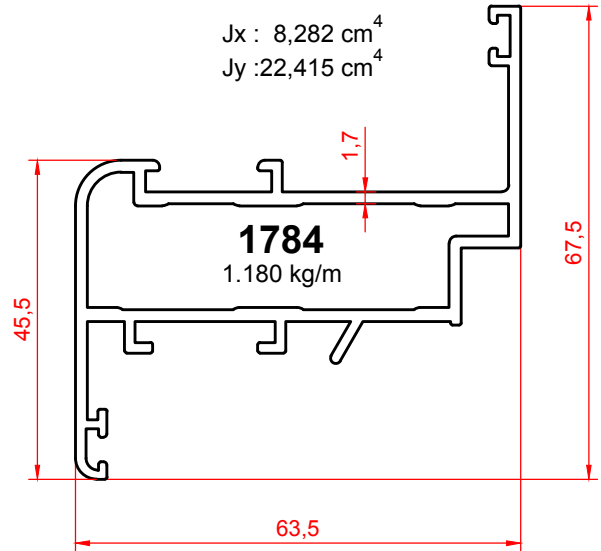
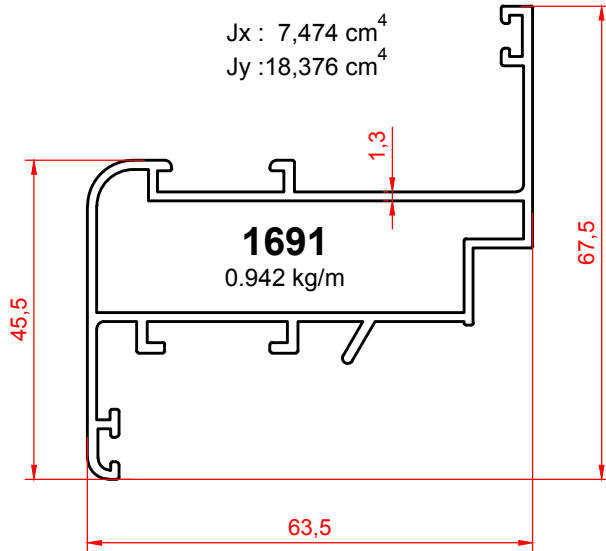


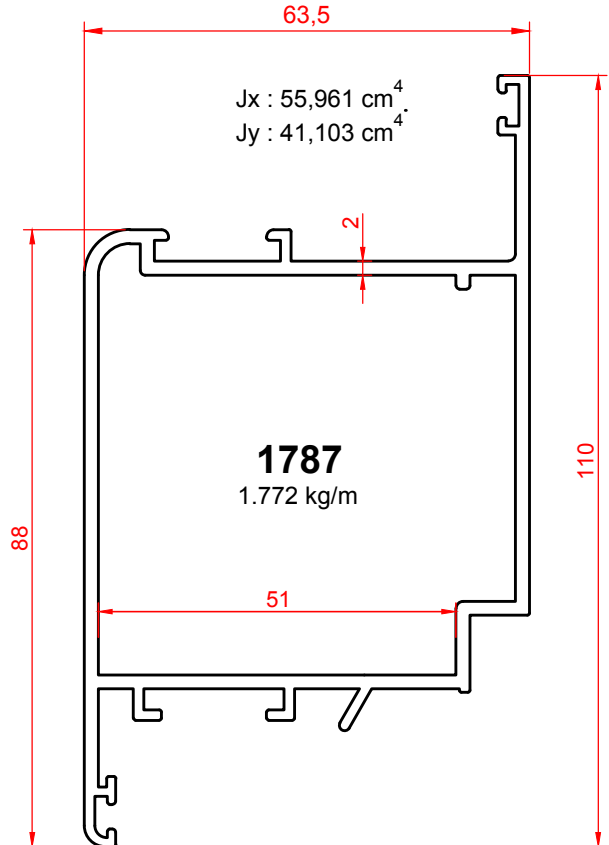
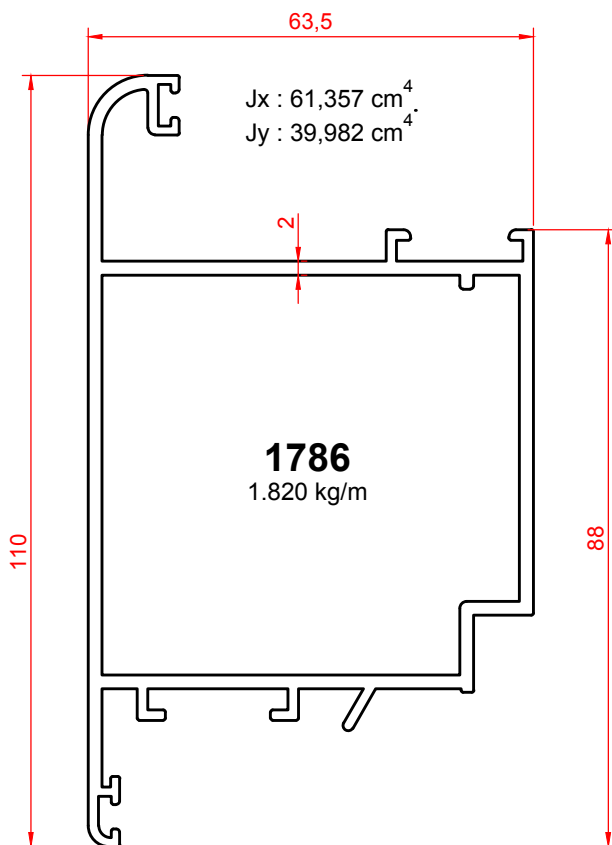
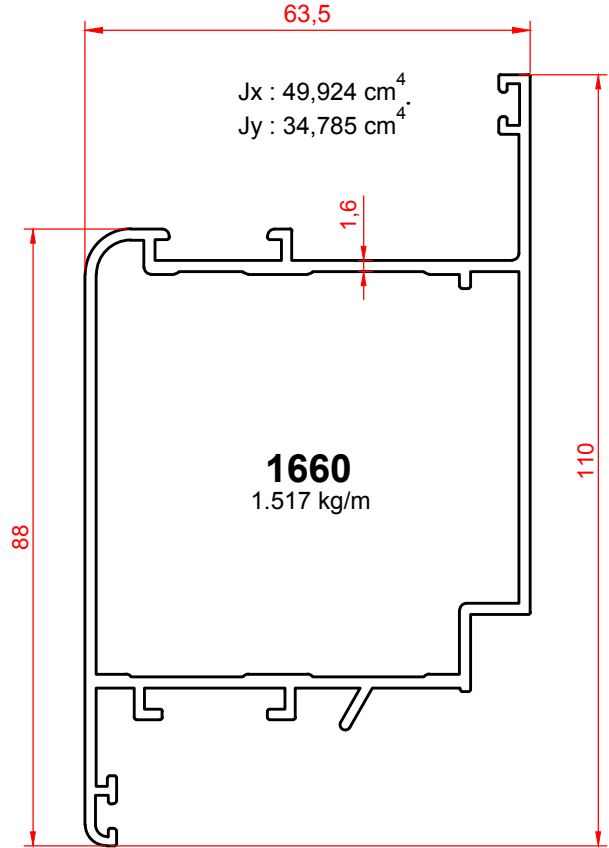
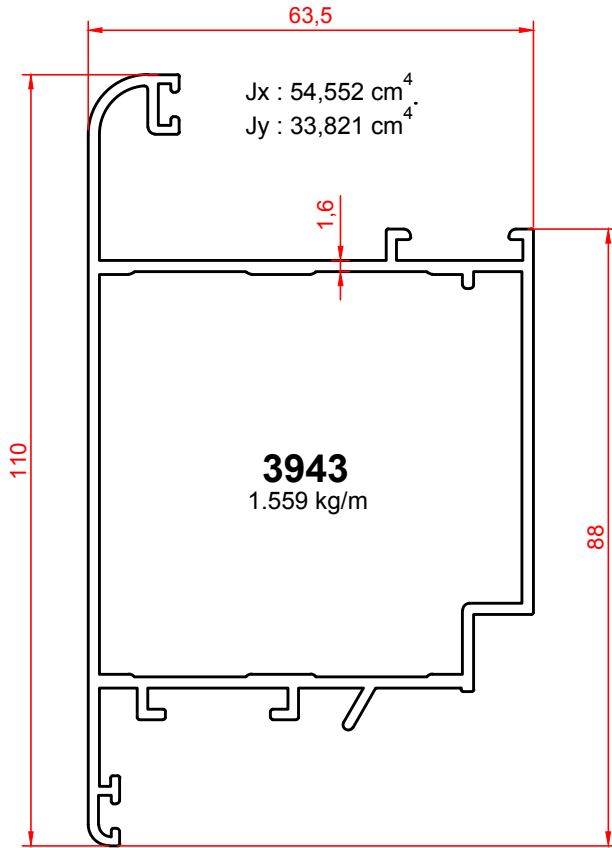


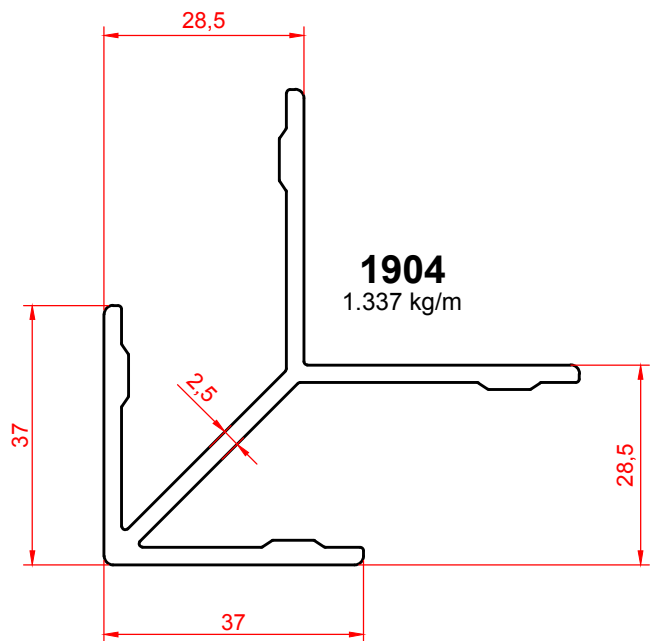
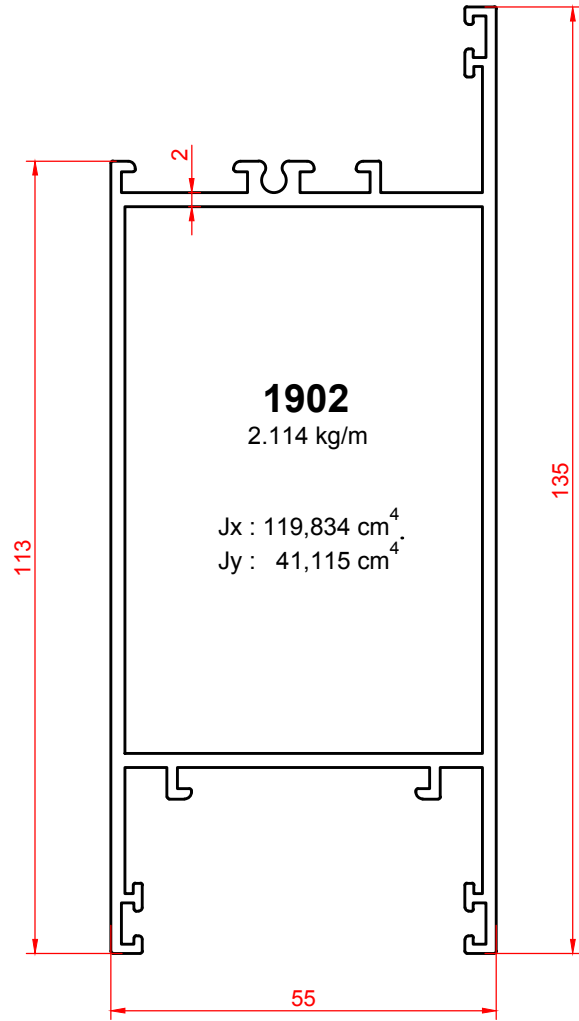
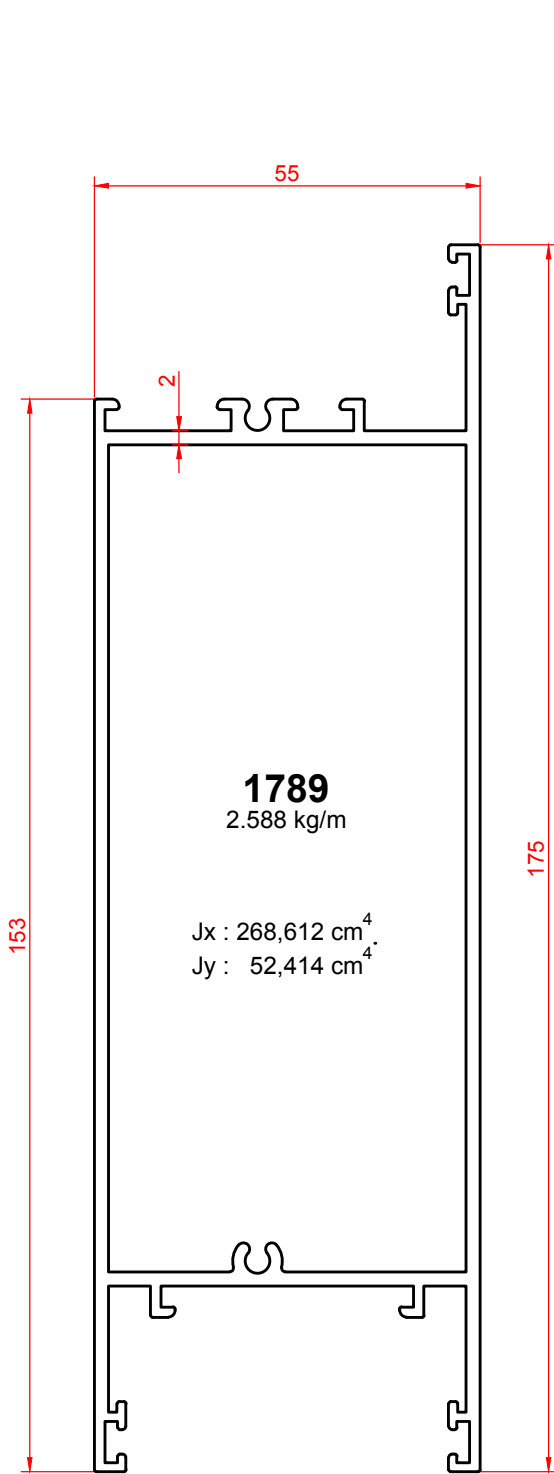




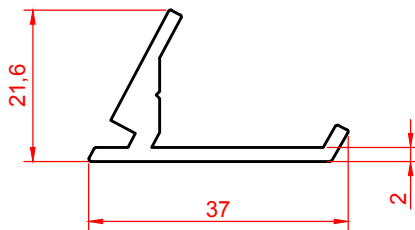
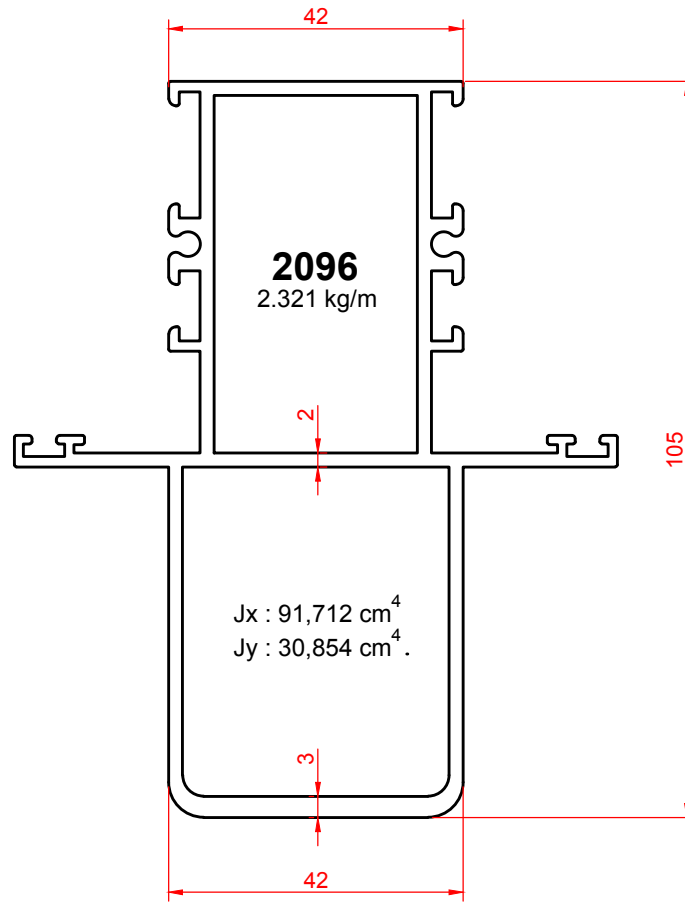




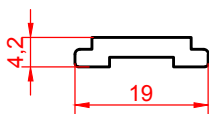




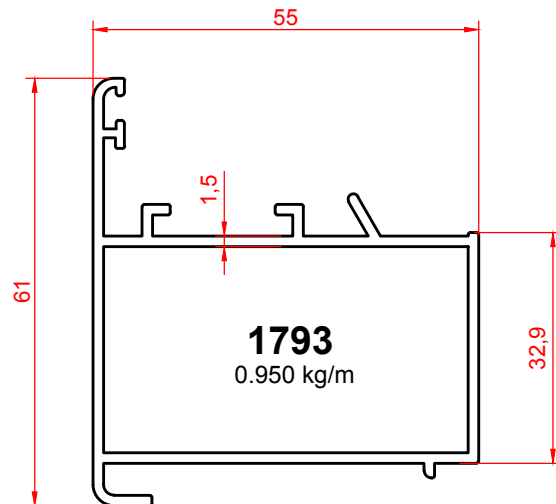
1783 ve 1785 için Çavuş Bağlantı

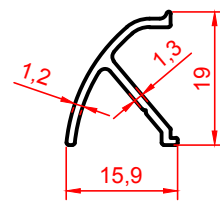
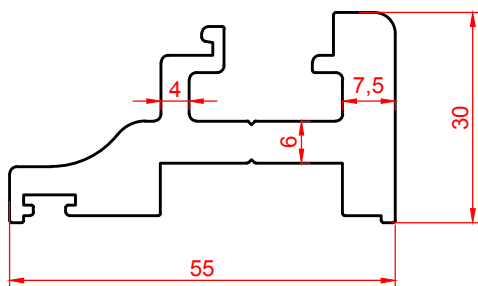
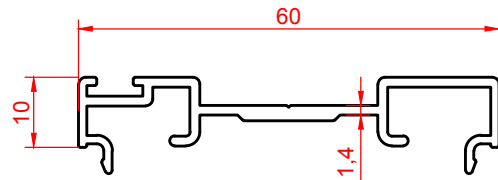
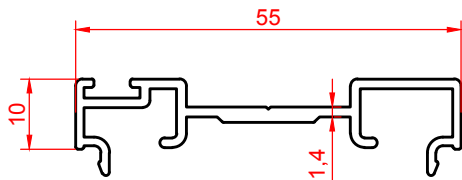
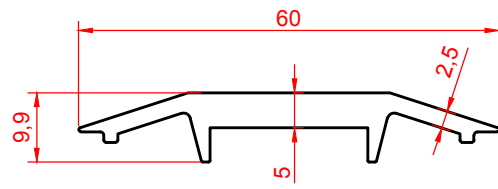
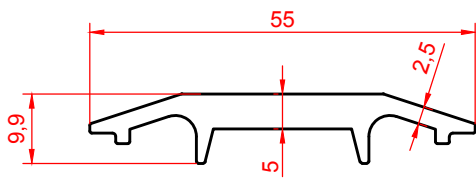
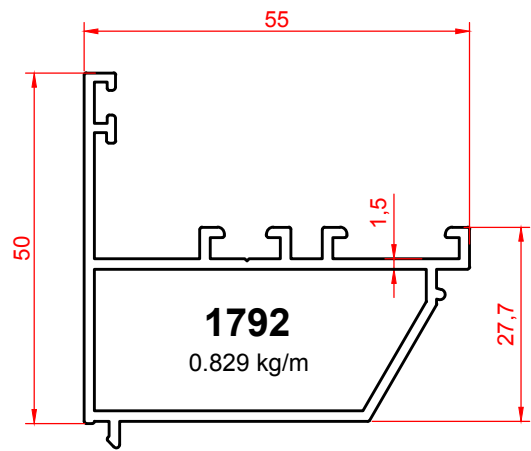
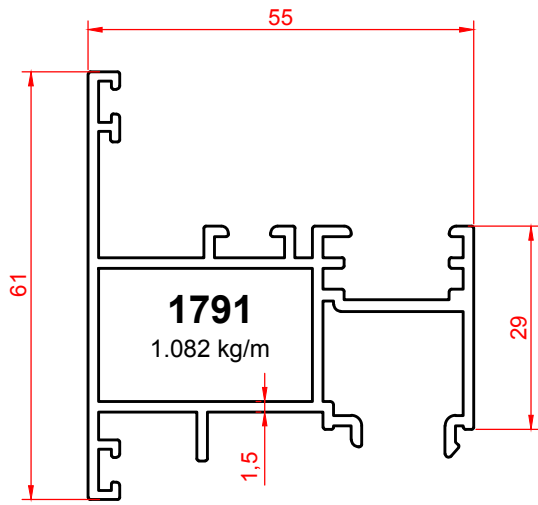


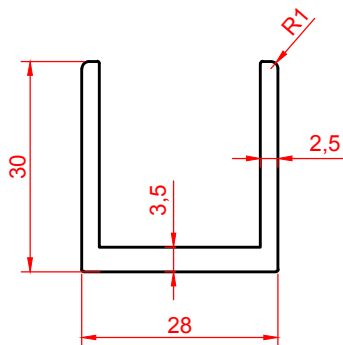
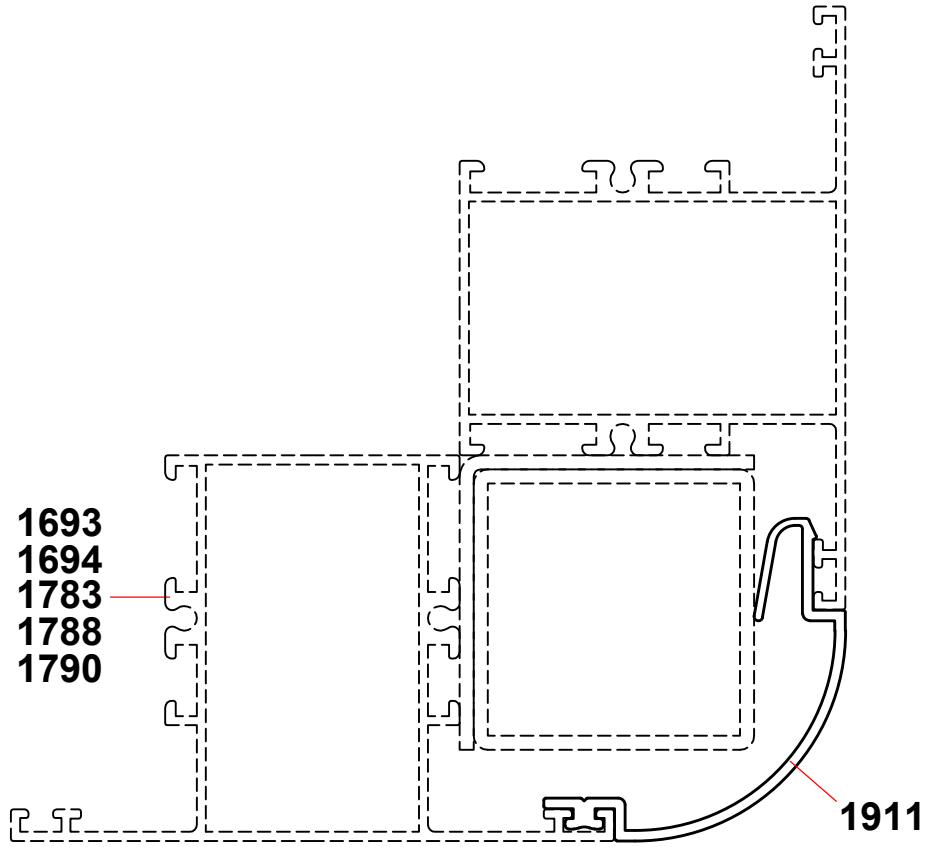
**1011**  
0.402 kg/m



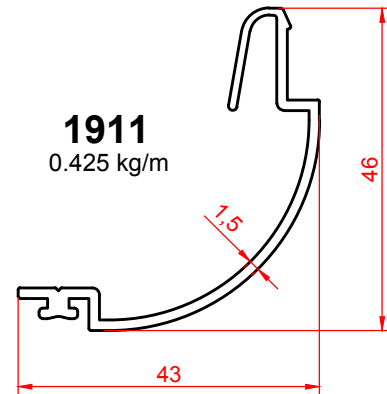
**1122**  
0.157 kg/m



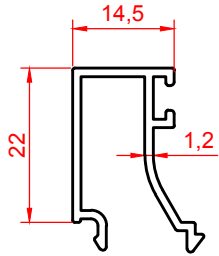




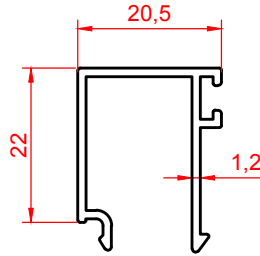
**1722**  
0.623 kg/m



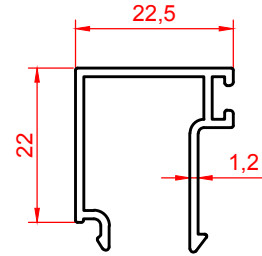
1704,1706,1717,1718,1783 ve 2096 nolu profiller ile çalışır.



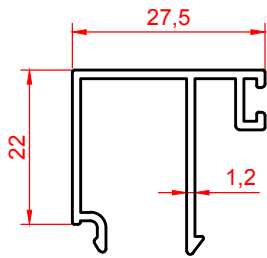
**1698**  
0.252 kg/m



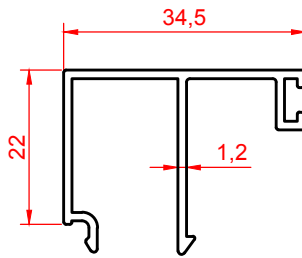
**1699**  
0.262 kg/m



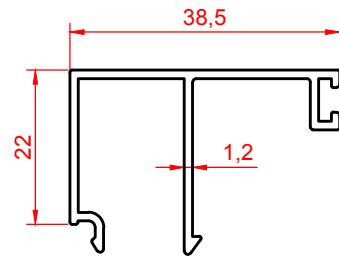
**1745**  
0.271 kg/m



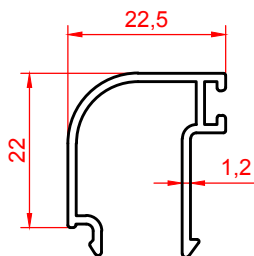
**2236**  
0.308 kg/m



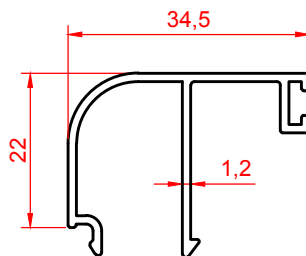
**1747**  
0.331 kg/m



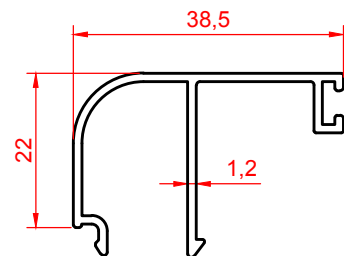
**1749**  
0.344 kg/m



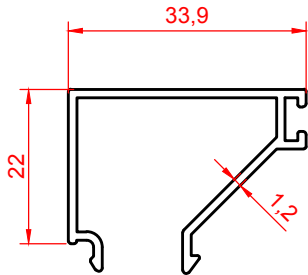
**1746**  
0.258 kg/m



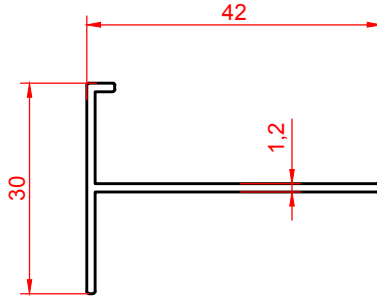
**1748**  
0.317 kg/m



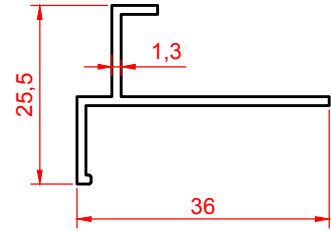
**1750**  
0.330 kg/m



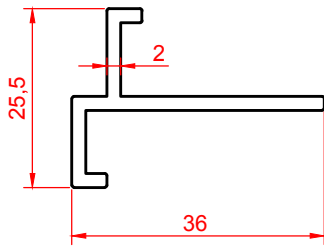
**1684**  
0.326 kg/m



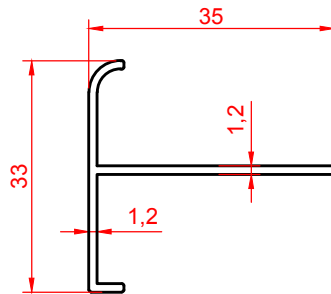
**1035**  
0.239 kg/m



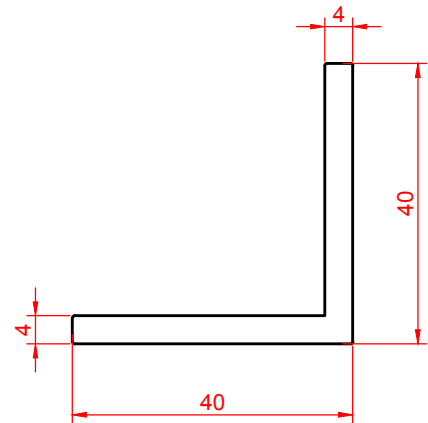
**1121**  
0.232 kg/m



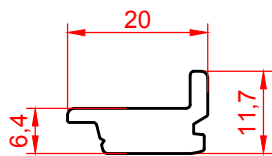
**1123**  
0.355 kg/m



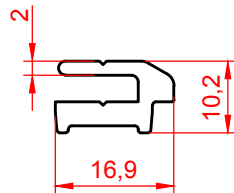
**1139**  
0.239 kg/m



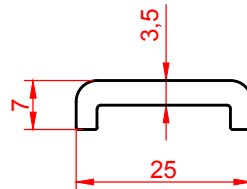
**164**  
0.824 kg/m



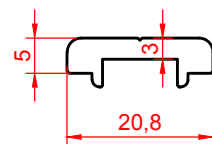
**1764**  
0.312 kg/m



**1767**  
0.263 kg/m

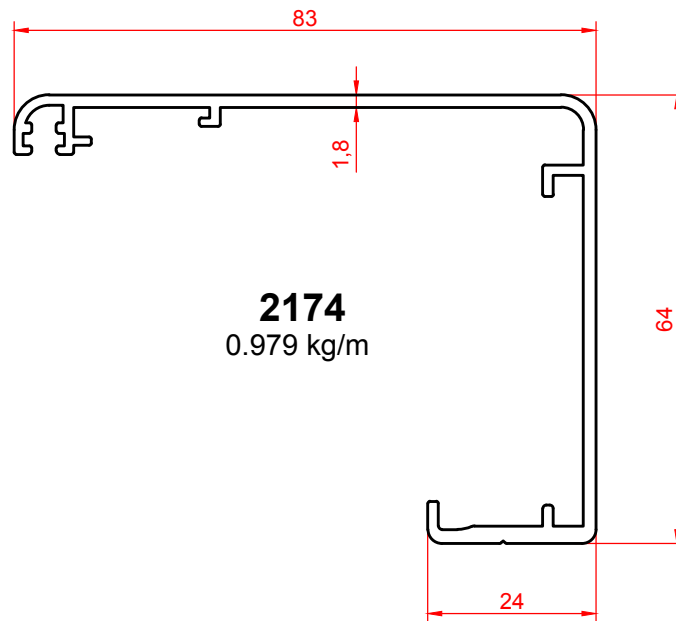
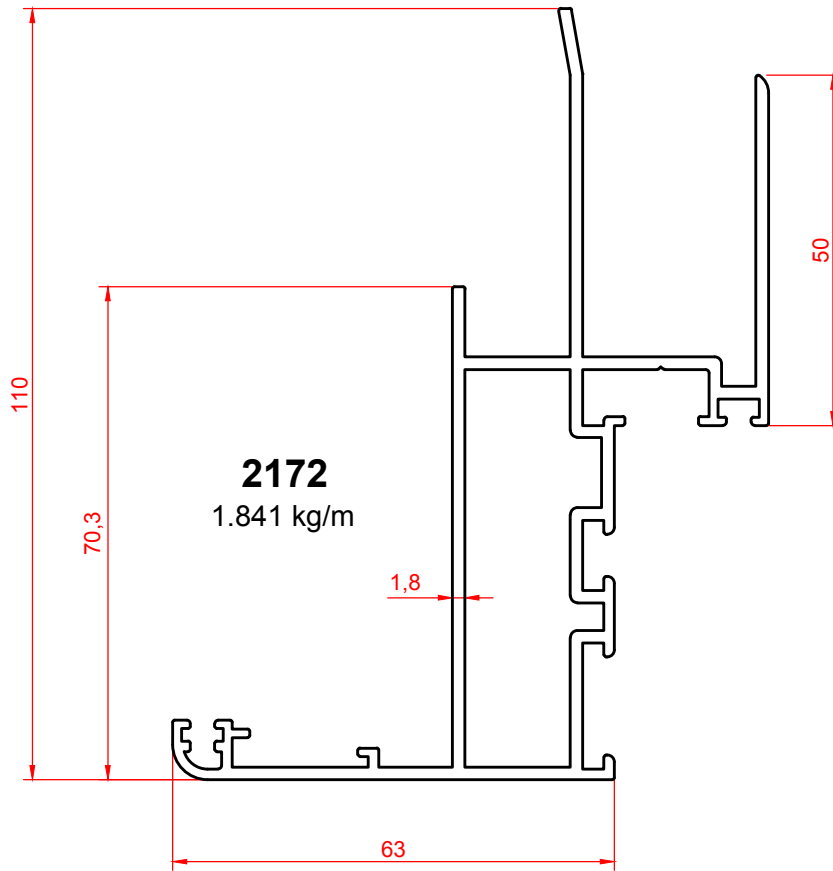


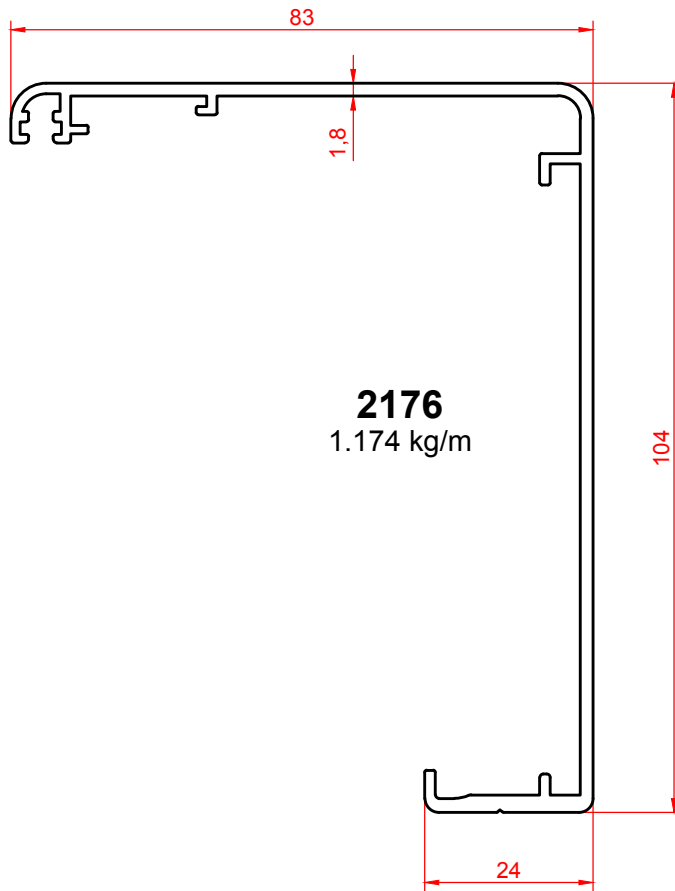
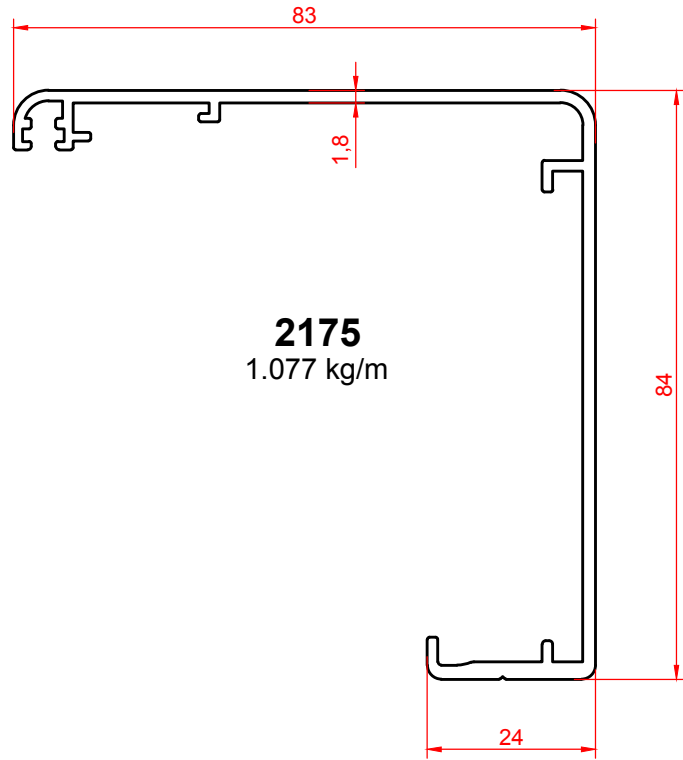
**1754**  
0.285 kg/m

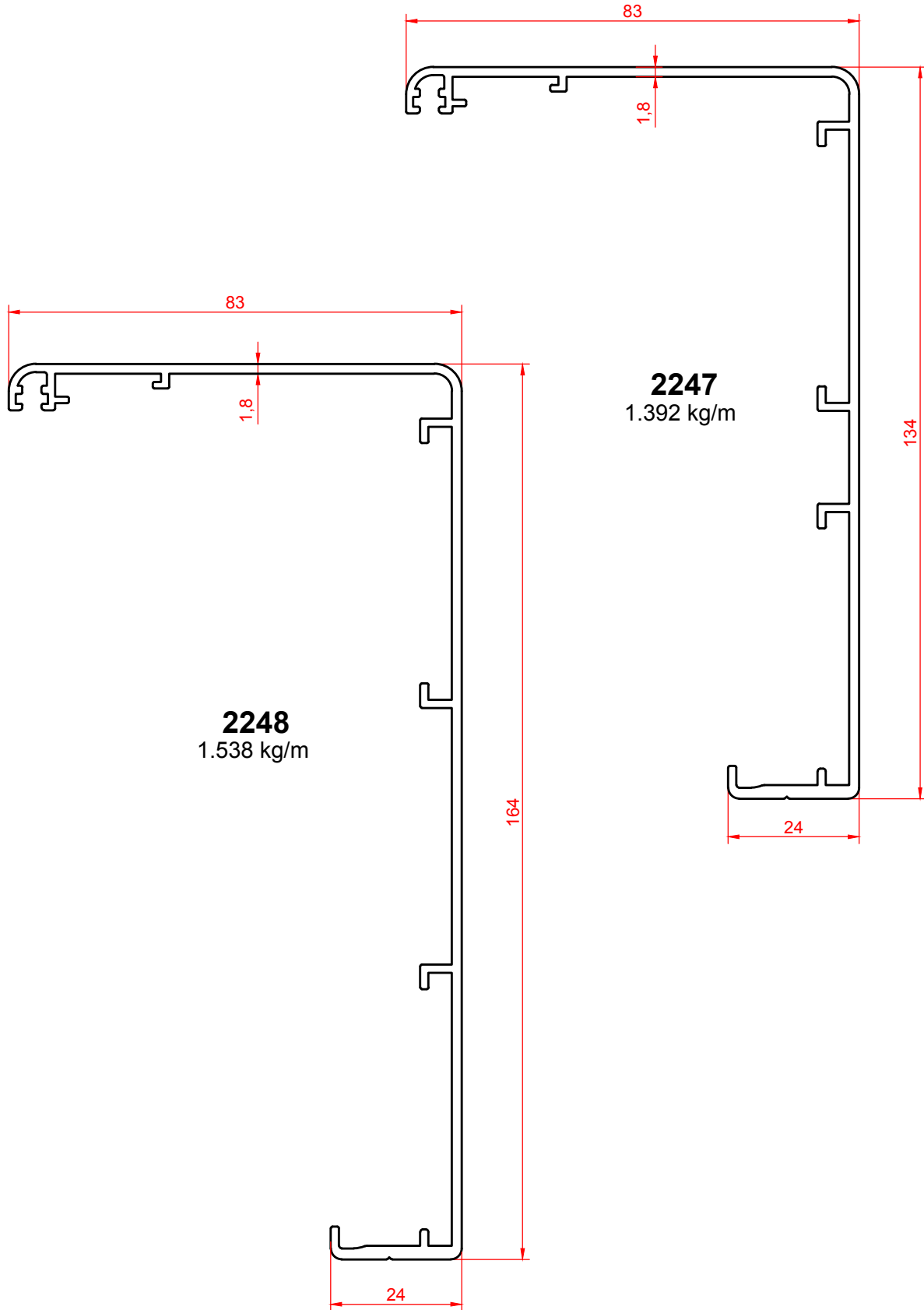


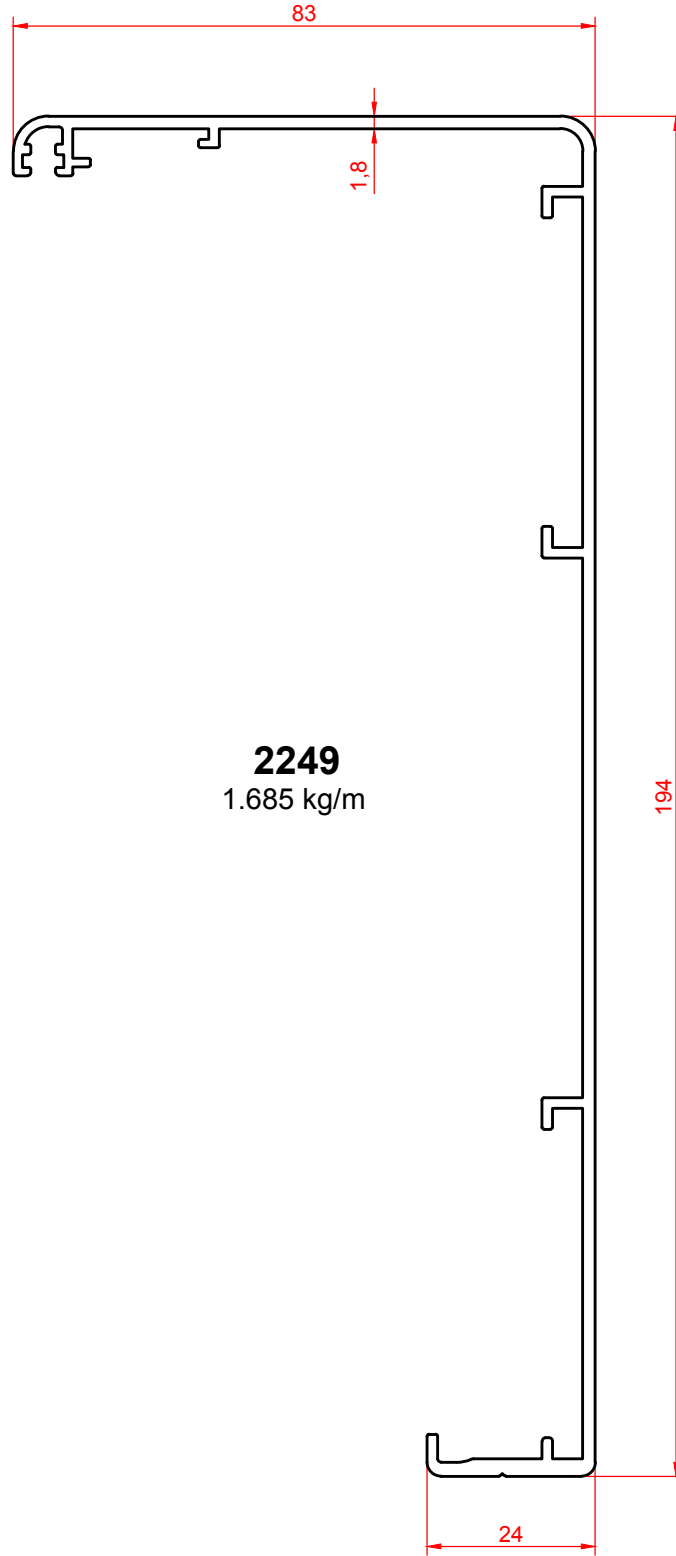
**1755**  
0.234 kg/m



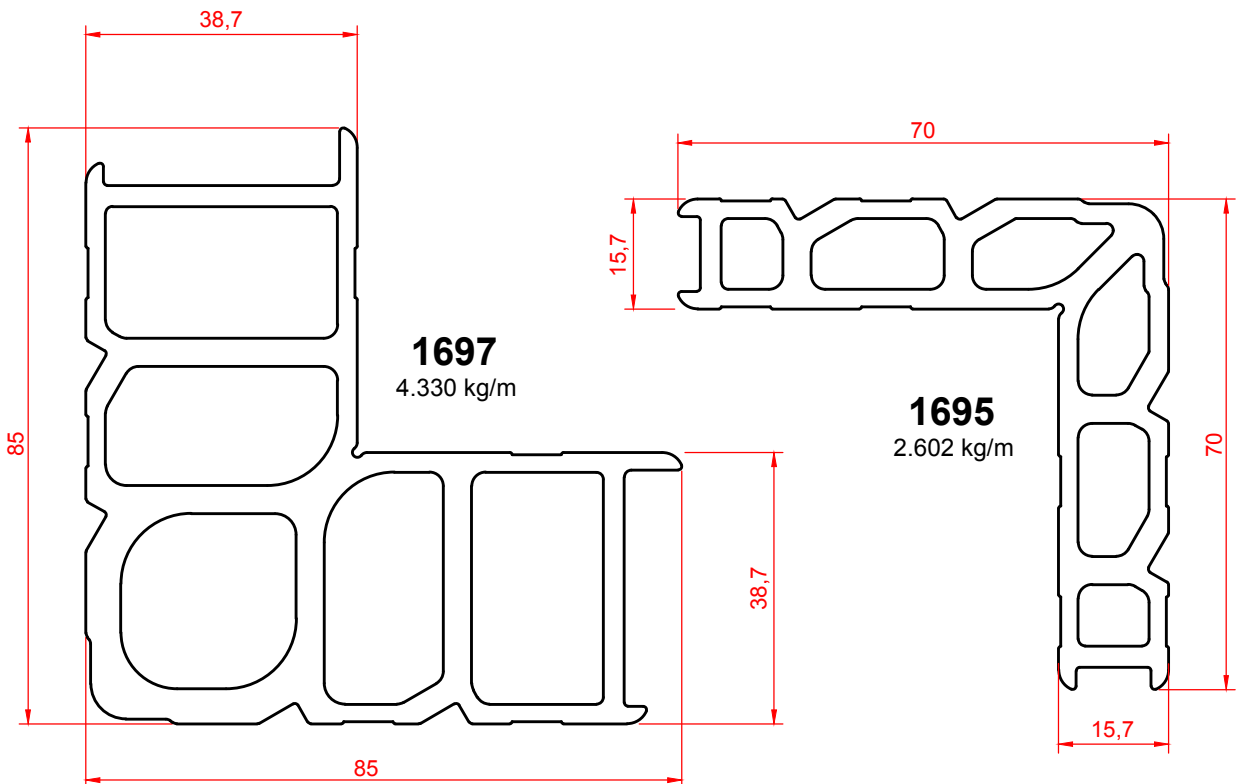
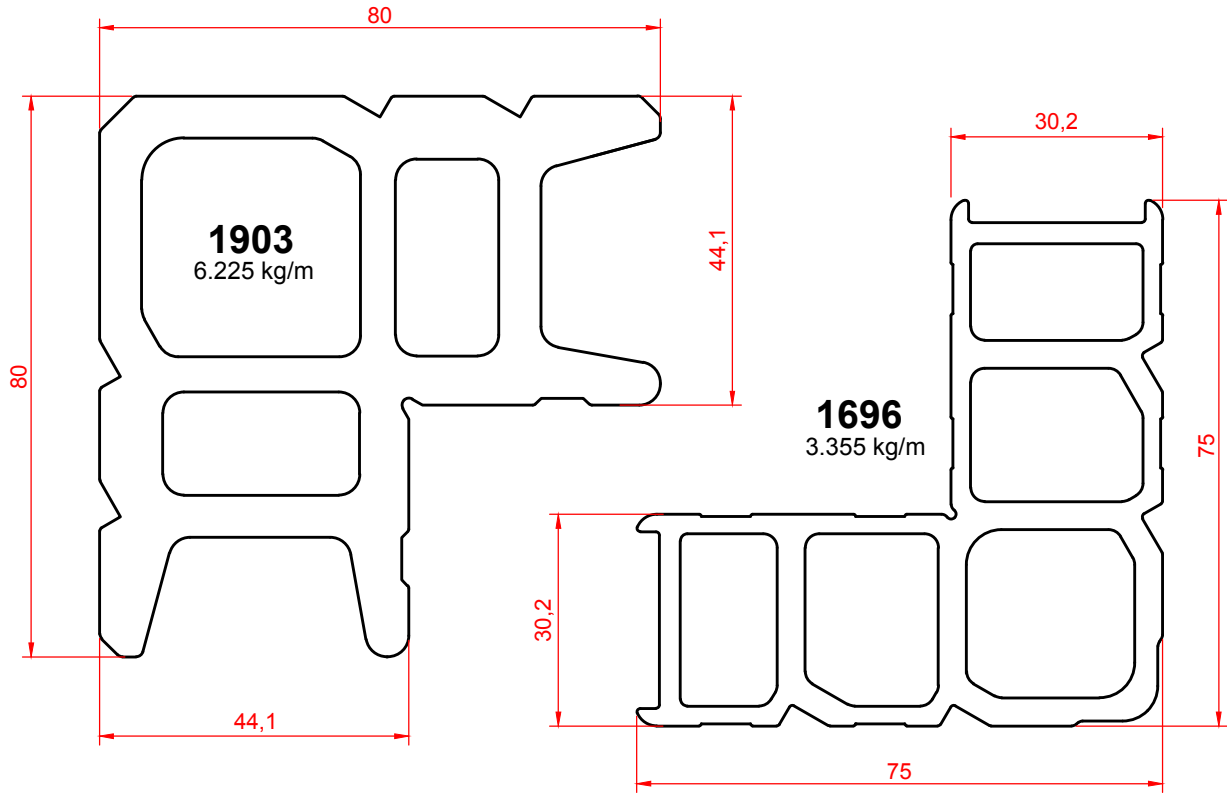


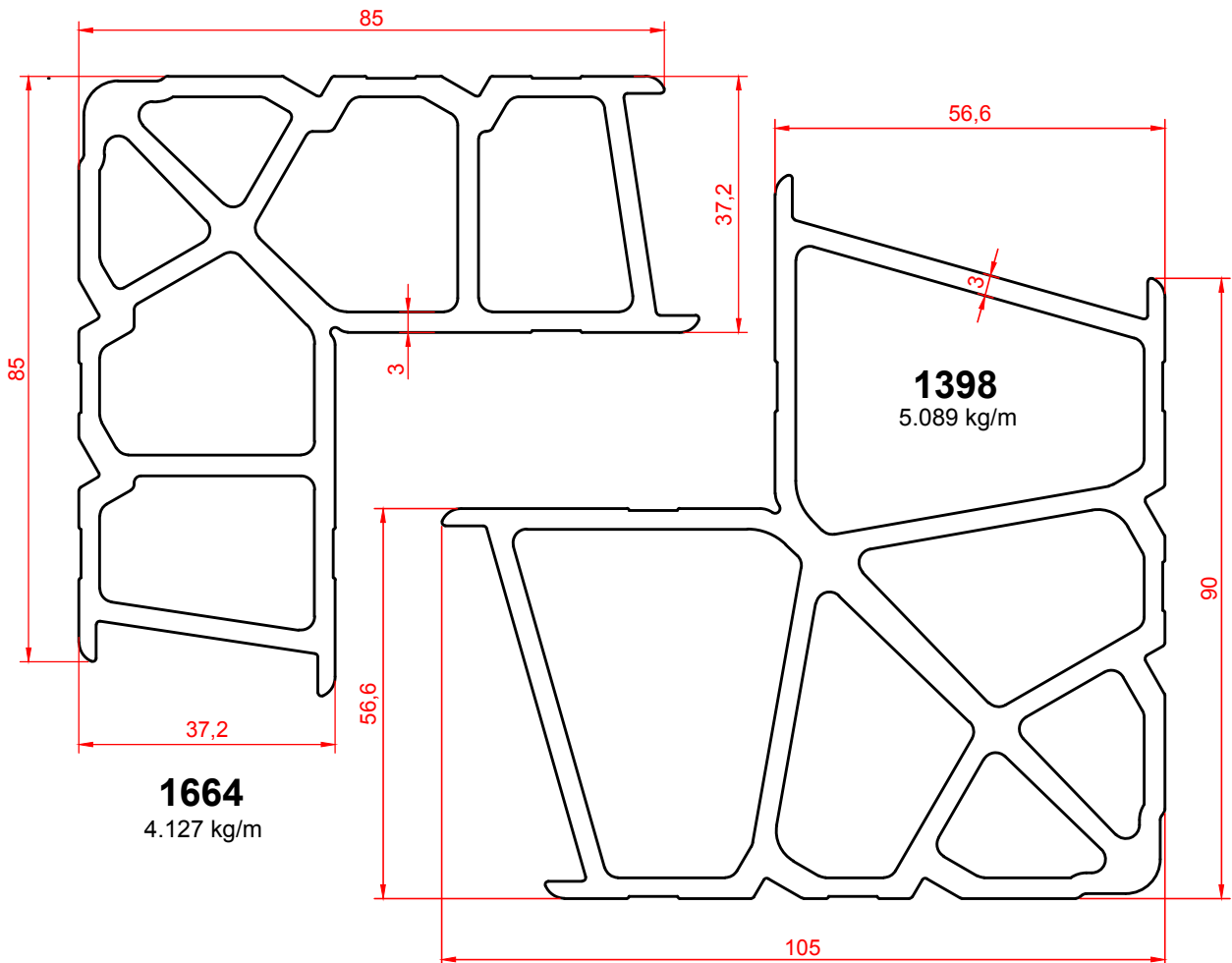
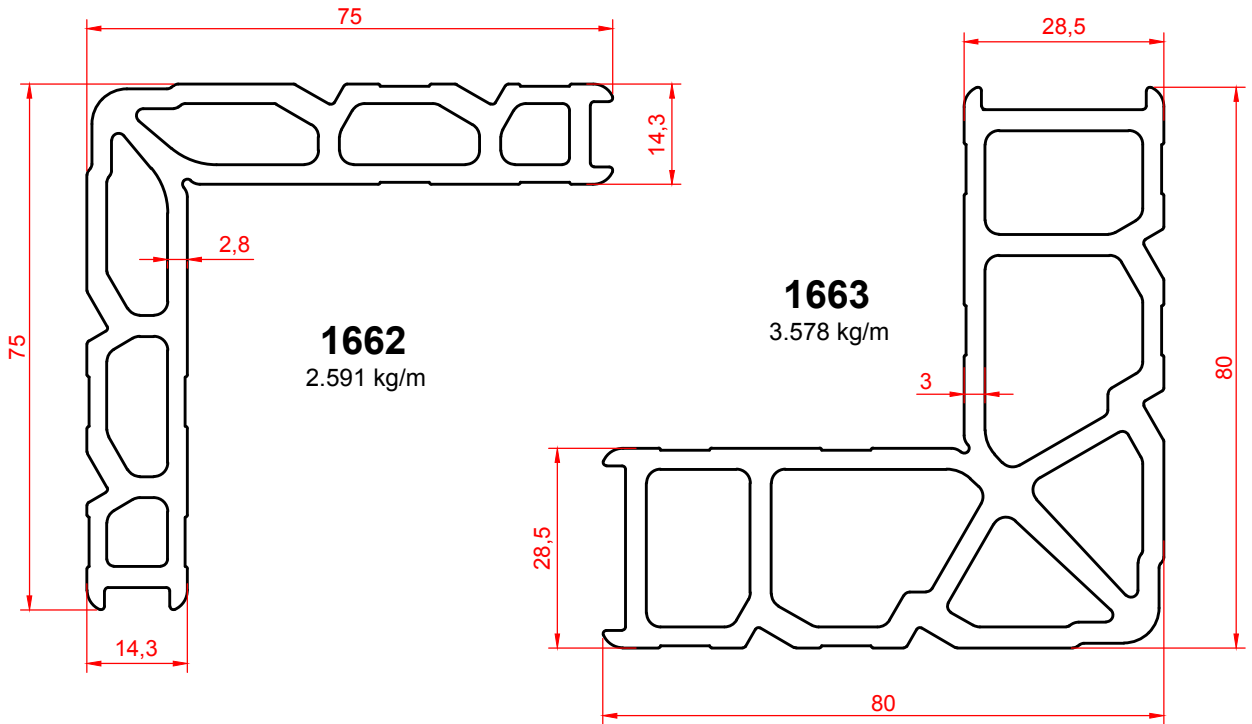


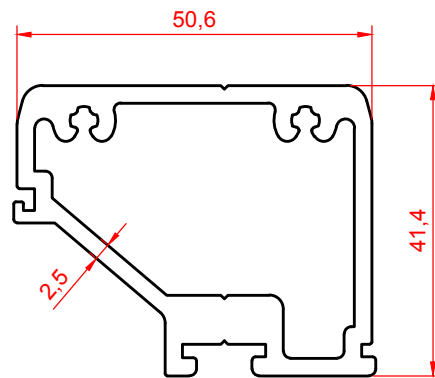
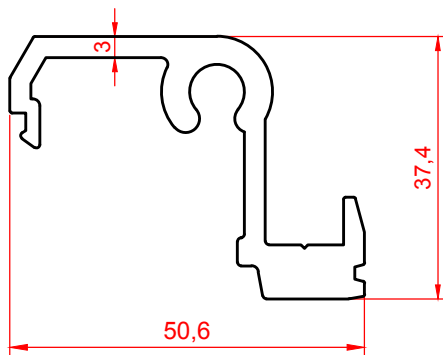
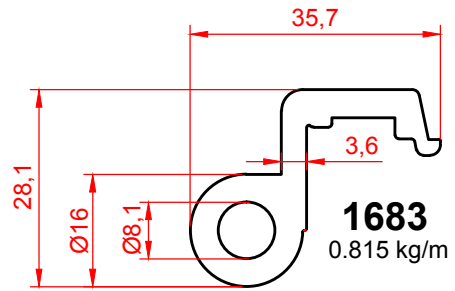
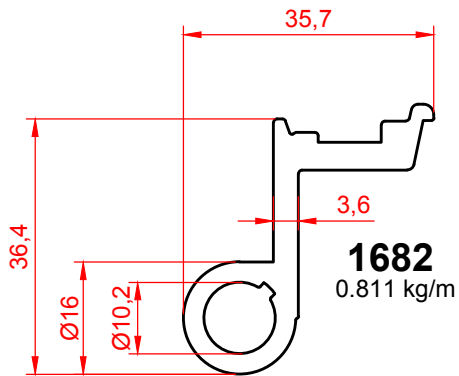
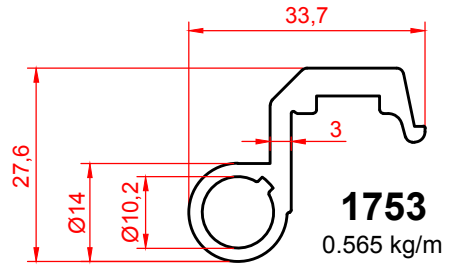
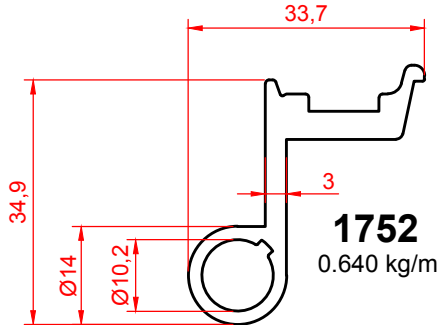


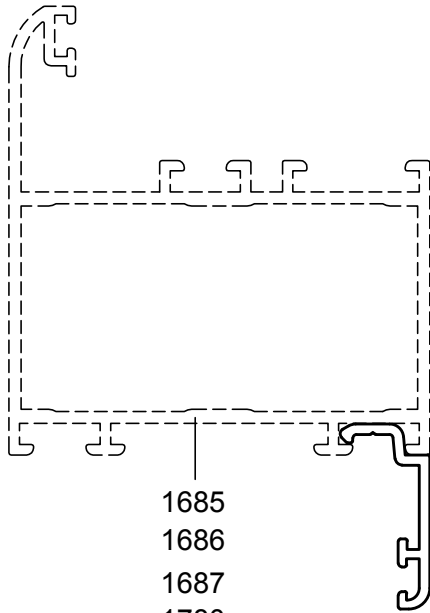


**2249**  
1.685 kg/m

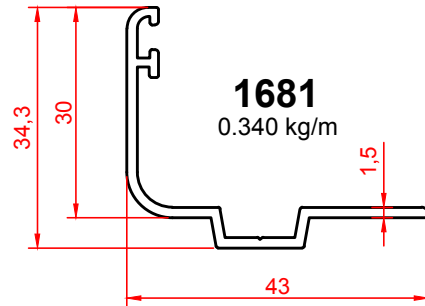




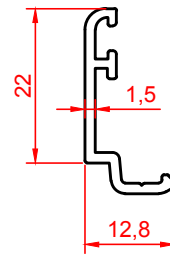




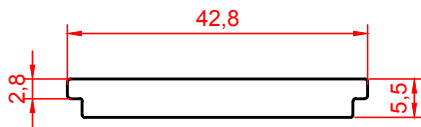
1685  
1686  
1687  
1780  
1781  
1782



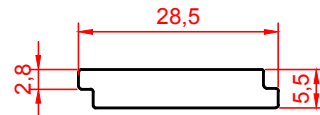
**1681**  
0.340 kg/m



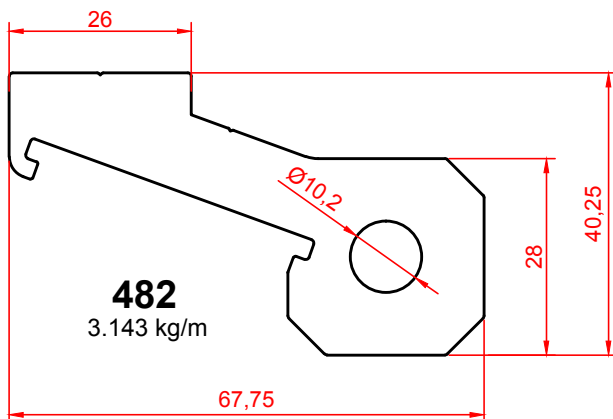
**4251**  
0.182 kg/m



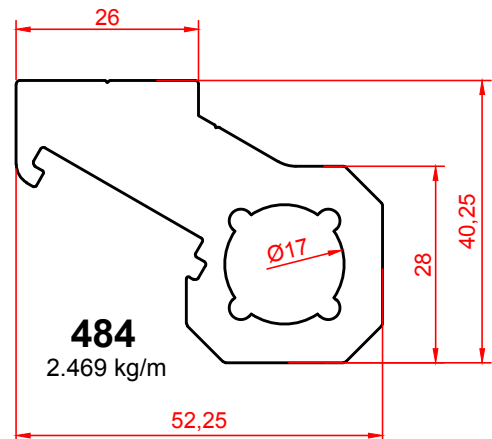
**483**  
0.604 kg/m



**485**  
0.392 kg/m

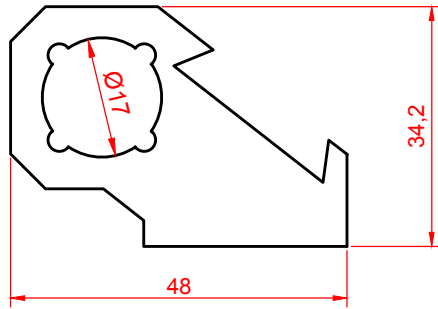


**482**  
3.143 kg/m

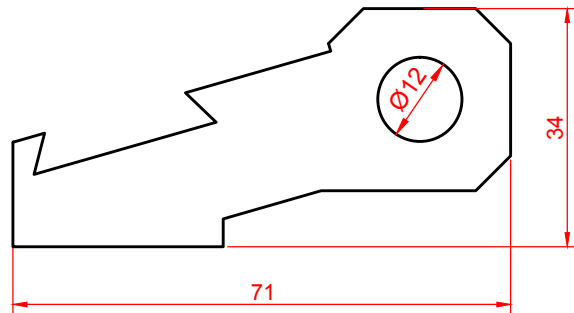


**484**  
2.469 kg/m

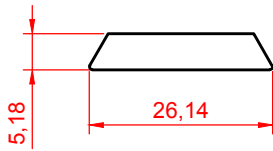




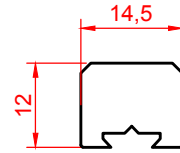
**2150**  
2.218 kg/m



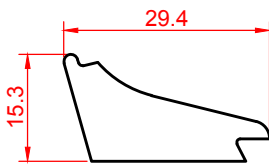
**2151**  
3.437 kg/m



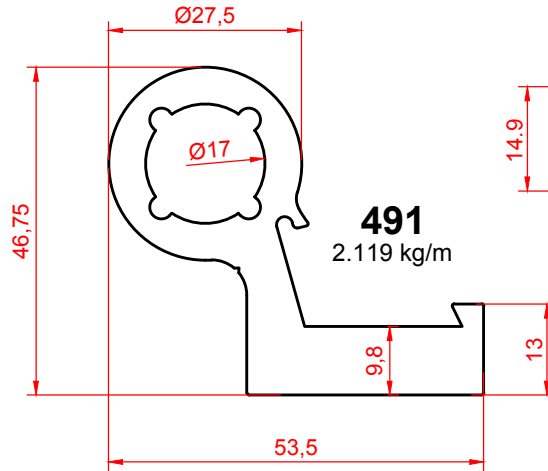
**2155**  
0.333 kg/m



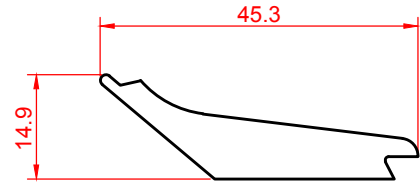
**2154**  
0.422 kg/m



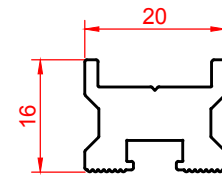
**462**  
0.638 kg/m



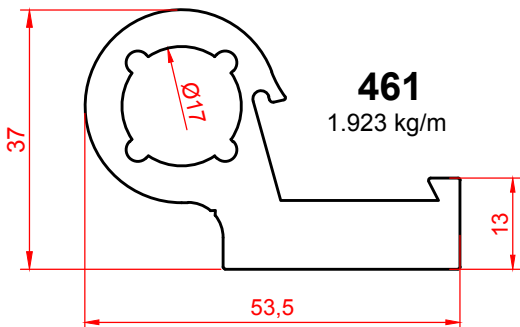
**491**  
2.119 kg/m



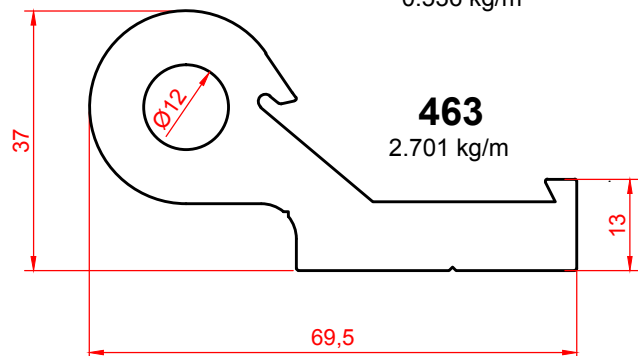
**464**  
0.754 kg/m



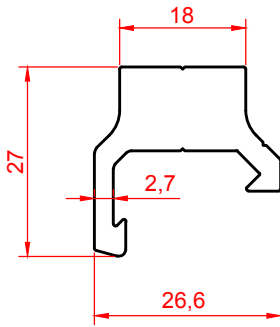
**2140**  
0.536 kg/m



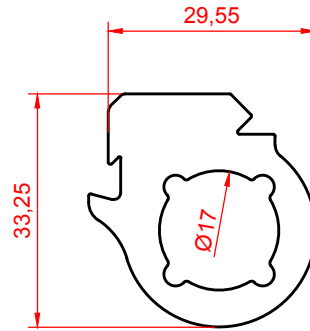
**461**  
1.923 kg/m



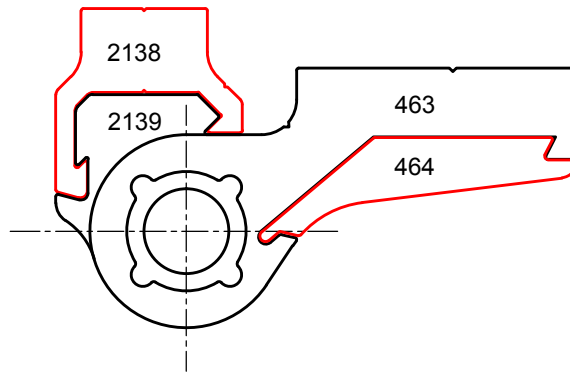
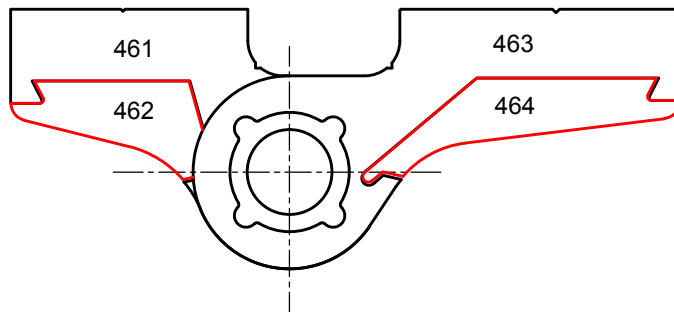
**463**  
2.701 kg/m

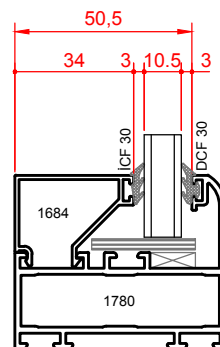
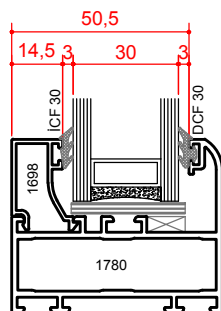
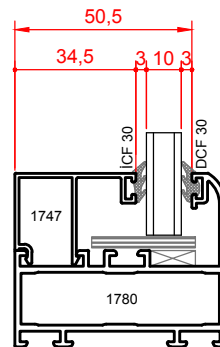
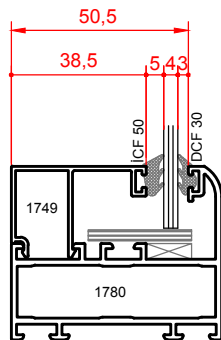
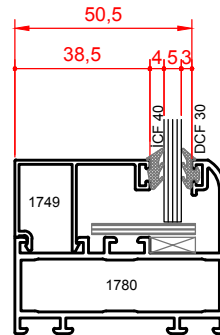
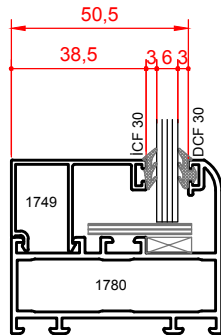
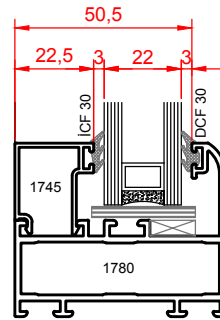
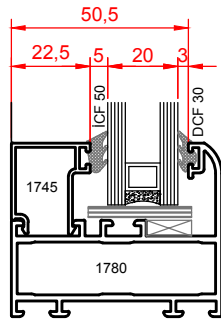


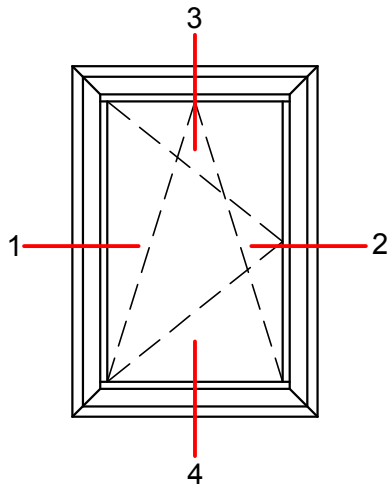
**2138**  
0.823 kg/m



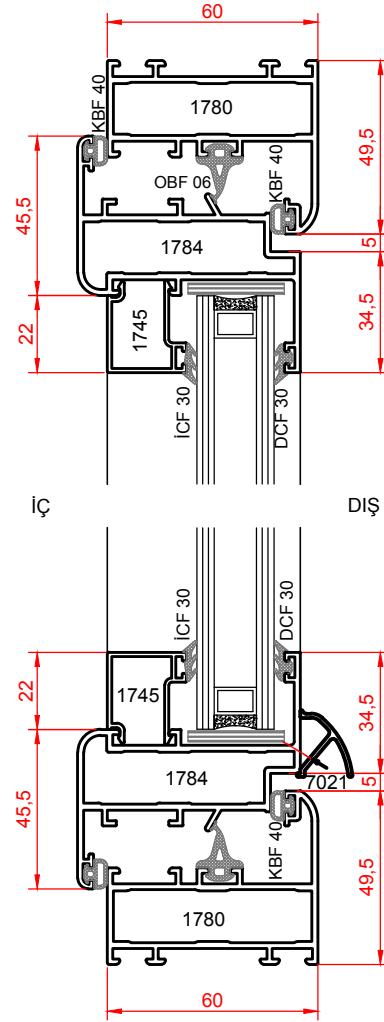
**2139**  
1.438 kg/m



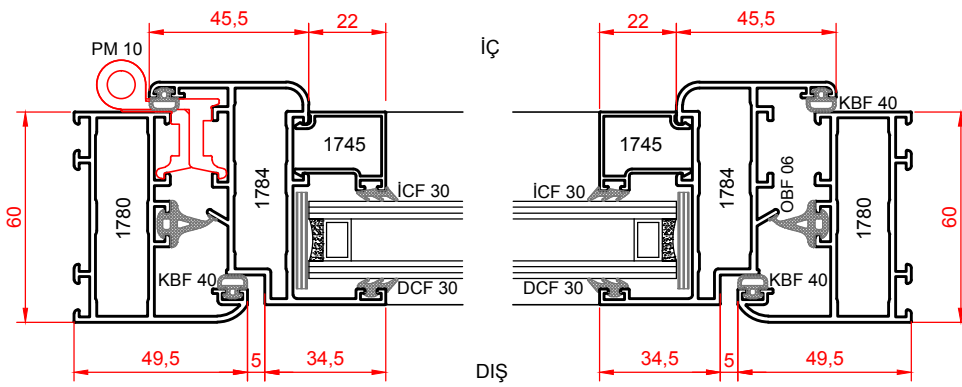




**DETAJ - 3**

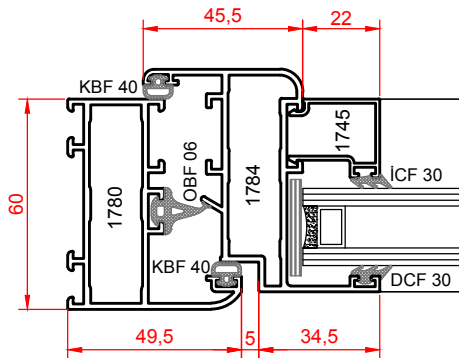
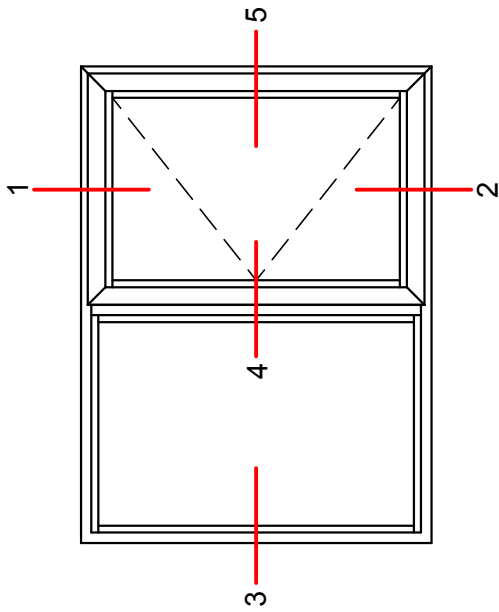


**DETAJ - 4**

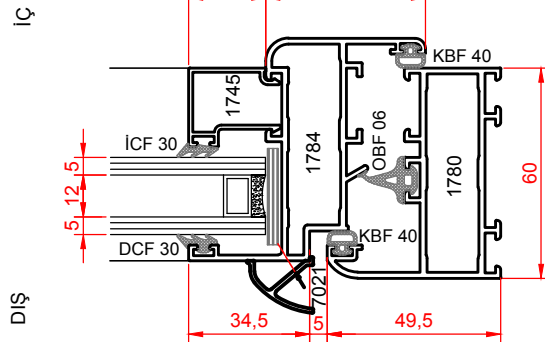


**DETAJ - 1**

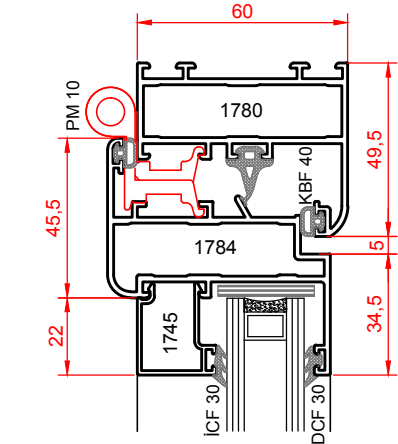
**DETAJ - 2**



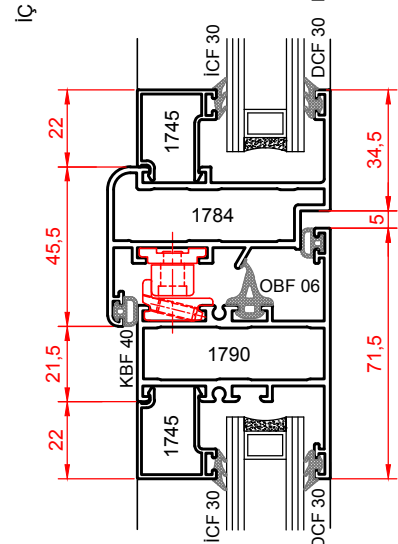
**DETAY - 1**



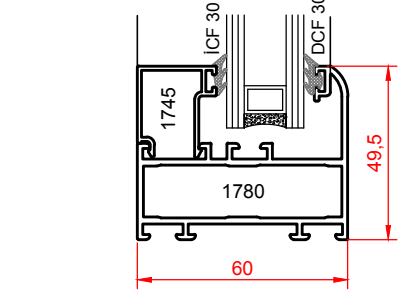
**DETAY - 2**



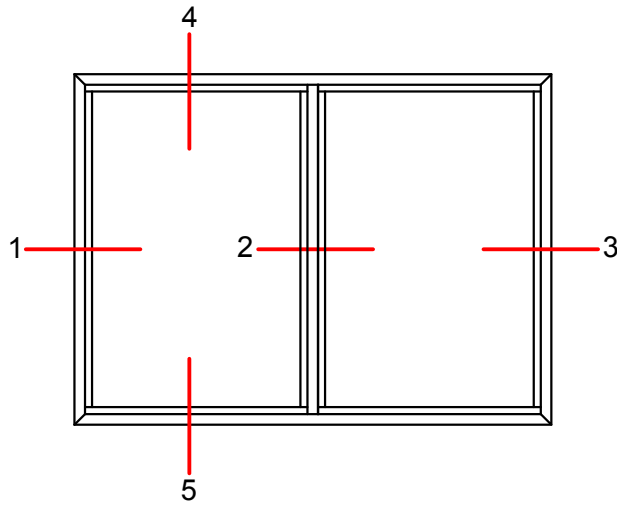
**DETAY - 3**



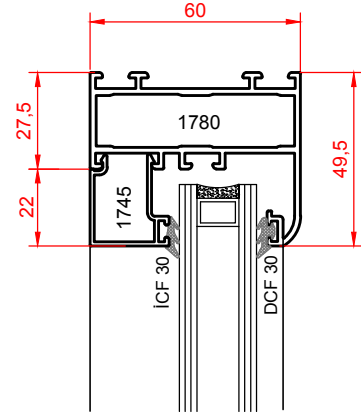
**DETAY - 4**



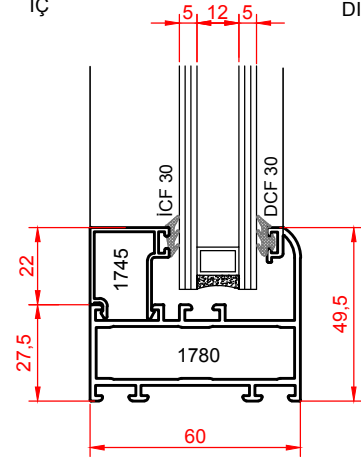
**DETAY - 5**



**DETAY - 4**



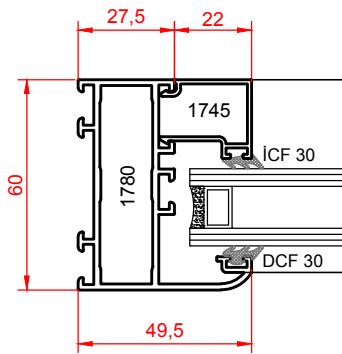
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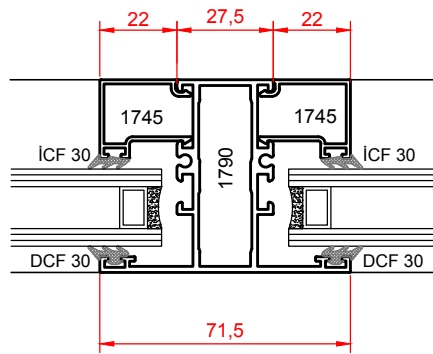
DIŞ

**DETAY - 5**

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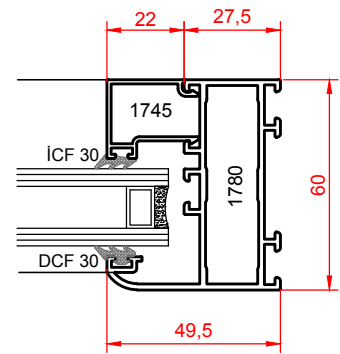


**DETAY - 1**

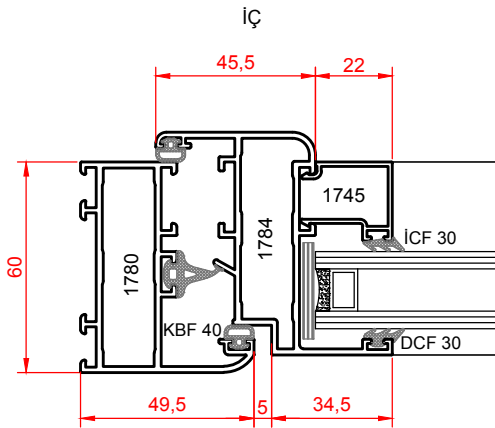
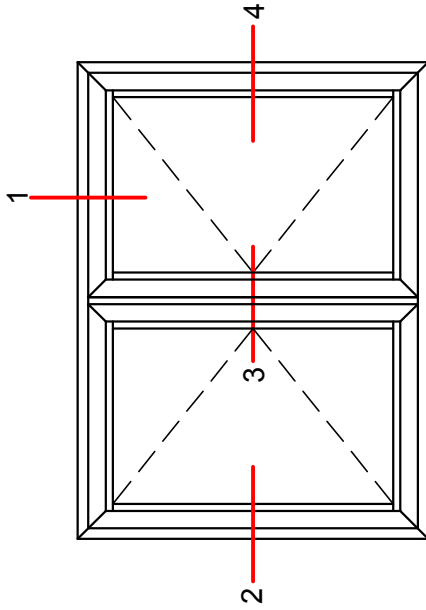


DIŞ

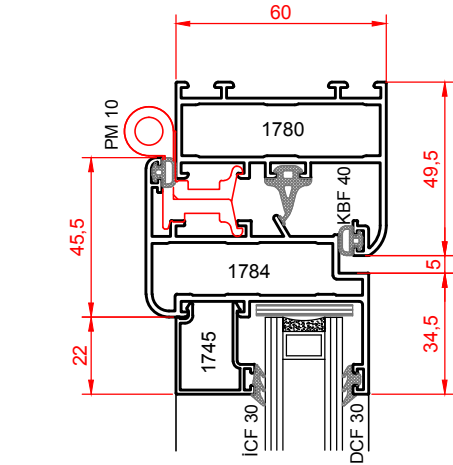
**DETAY - 2**



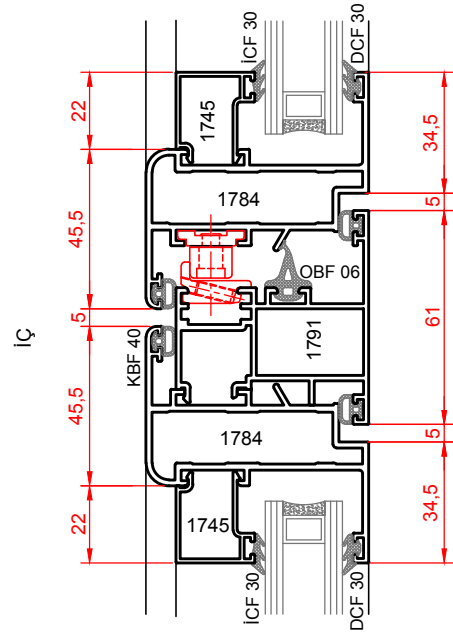
**DETAY - 3**



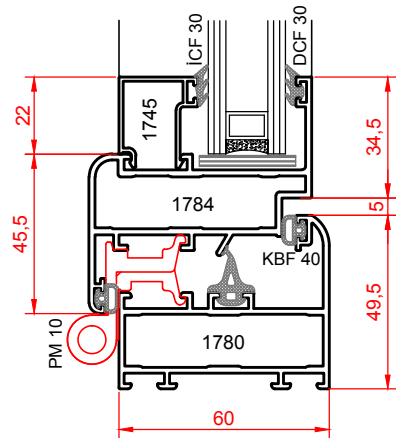
**DETAJ - 1**



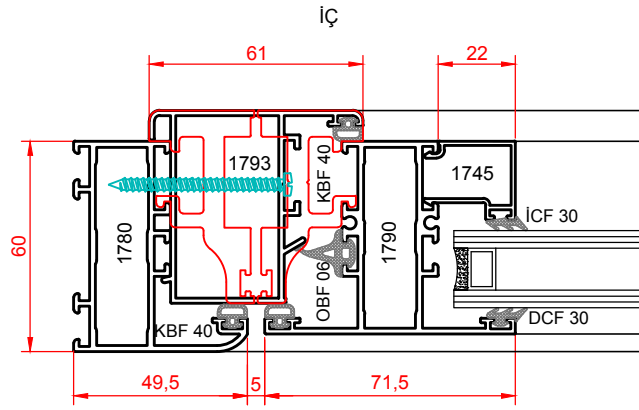
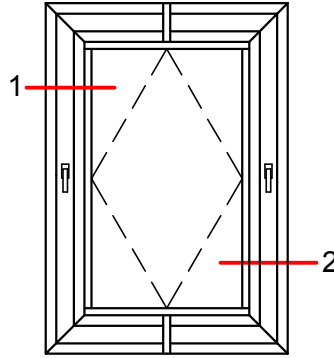
**DETAJ - 4**



**DETAJ - 3**

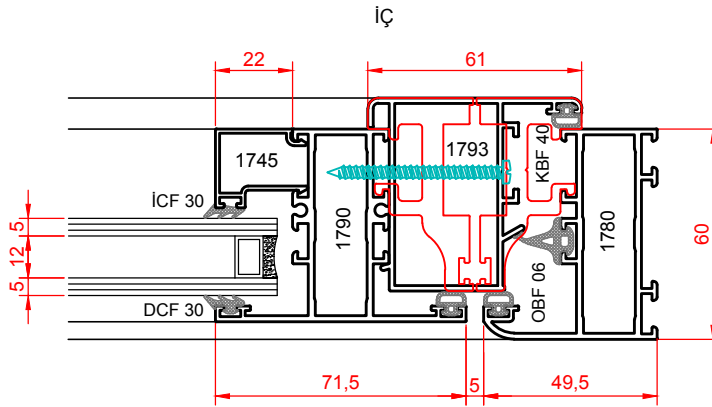


**DETAJ - 2**



DIŞ

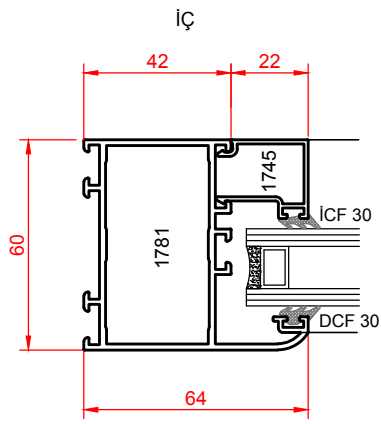
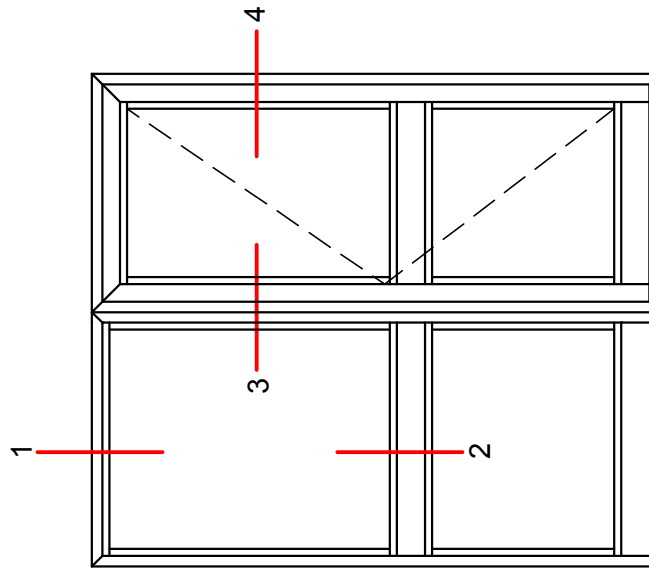
**DETAY - 1**



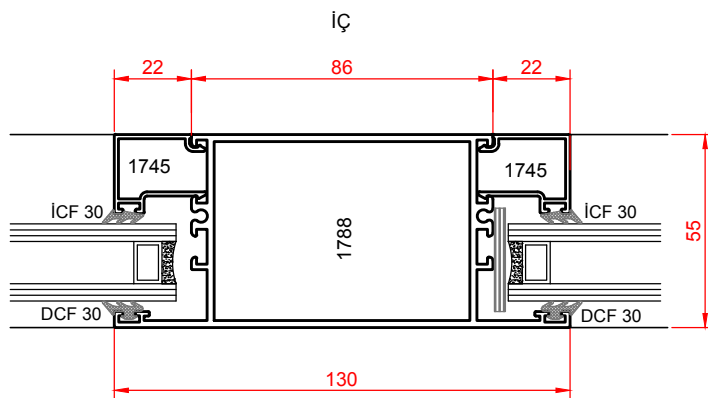
DIŞ

**DETAY - 2**



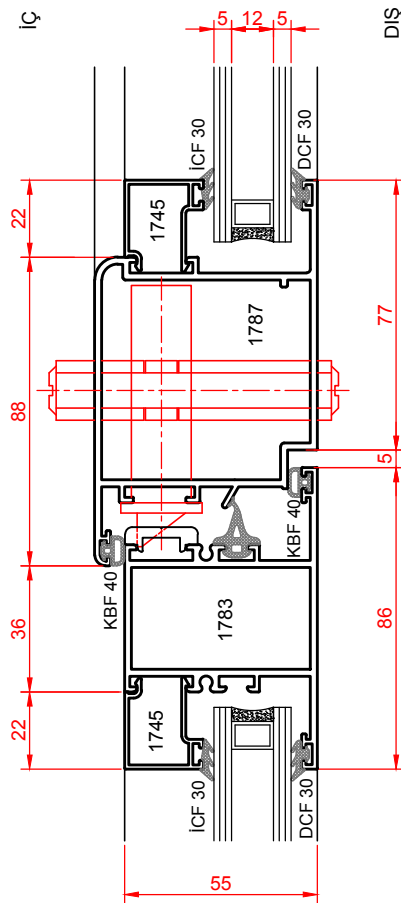
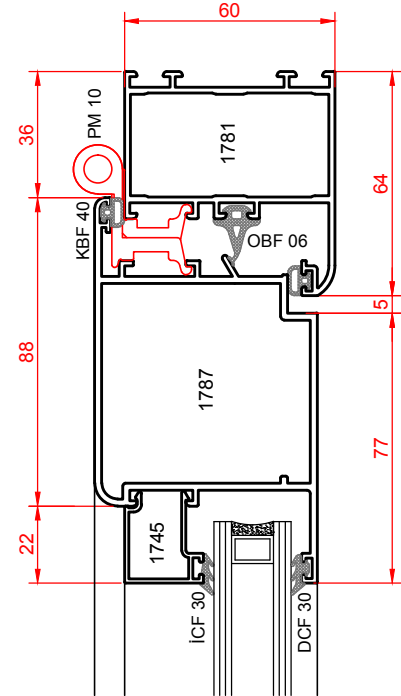


DIŞ  
**DETAY - 1**

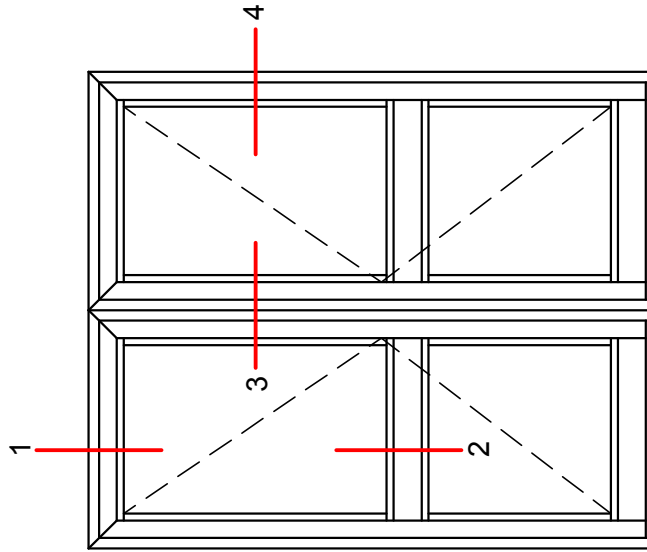


DIŞ  
**DETAY - 2**

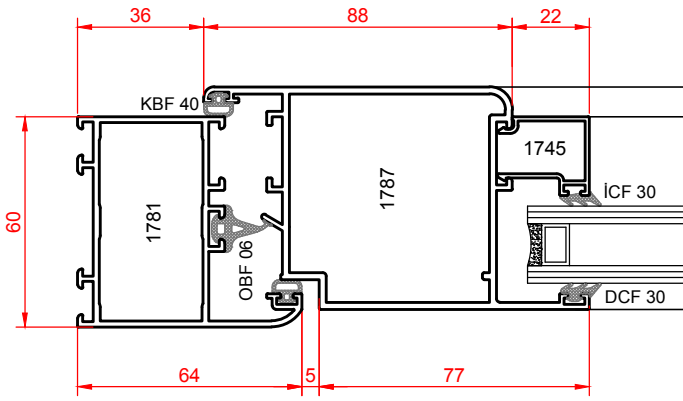
**DETAY - 4**



**DETAY - 3**

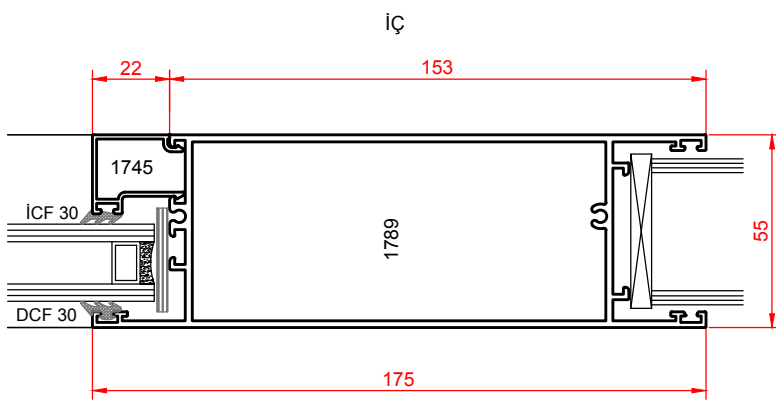


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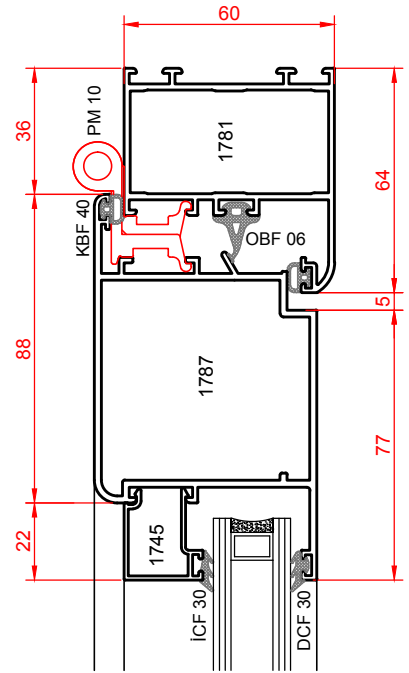
**DETAY - 1**



DIŞ

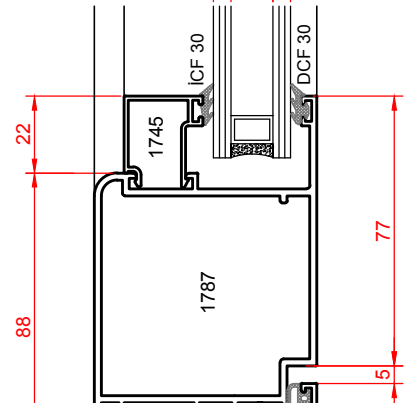
**DETAY - 2**

**DETAY - 4**



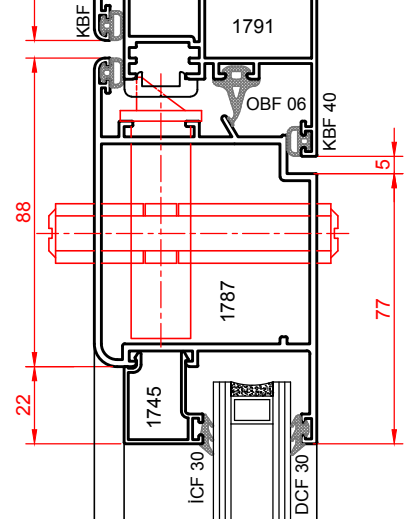
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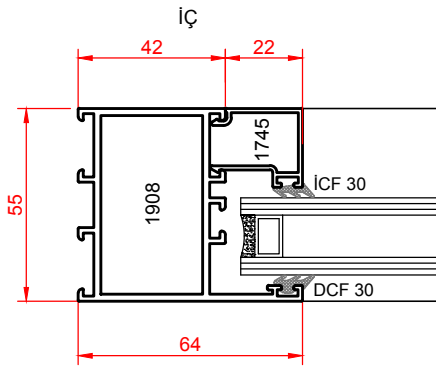
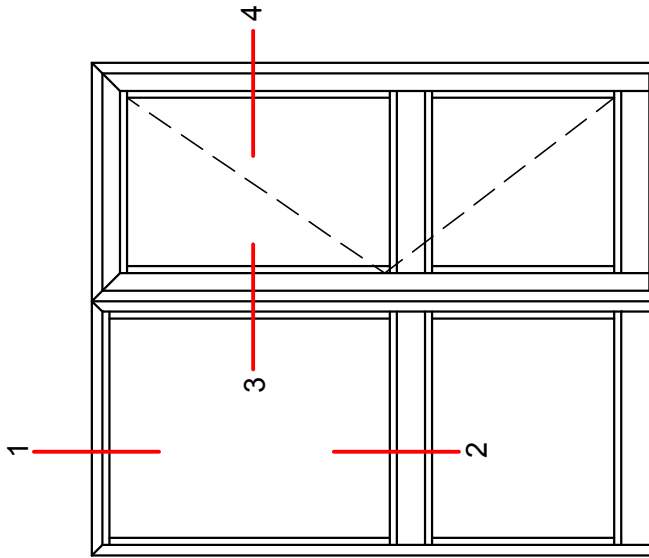
DIŞ



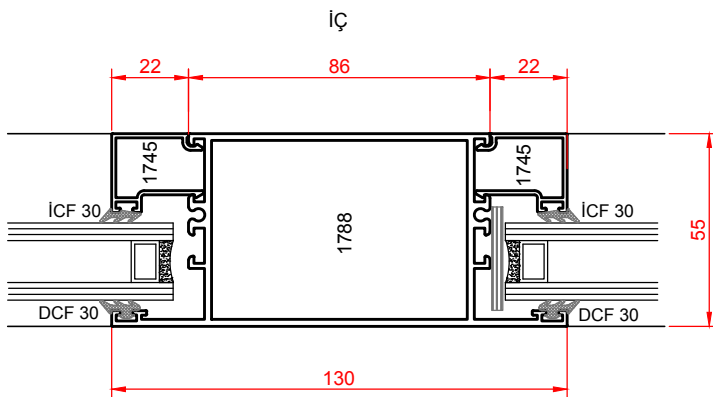
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**DETAY - 3**

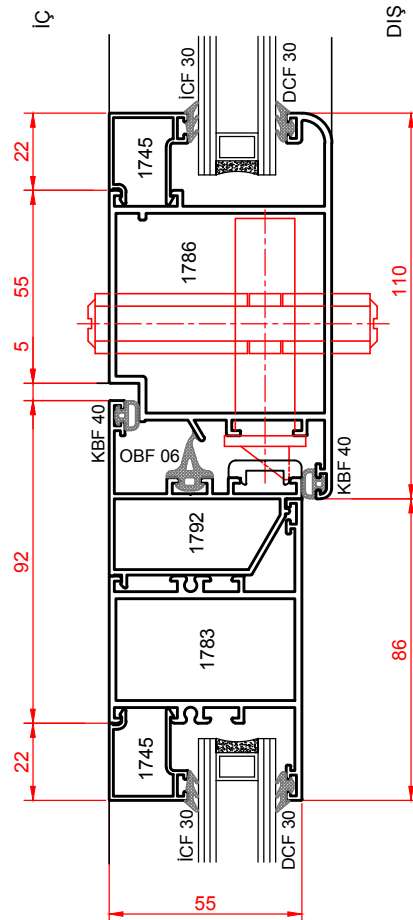
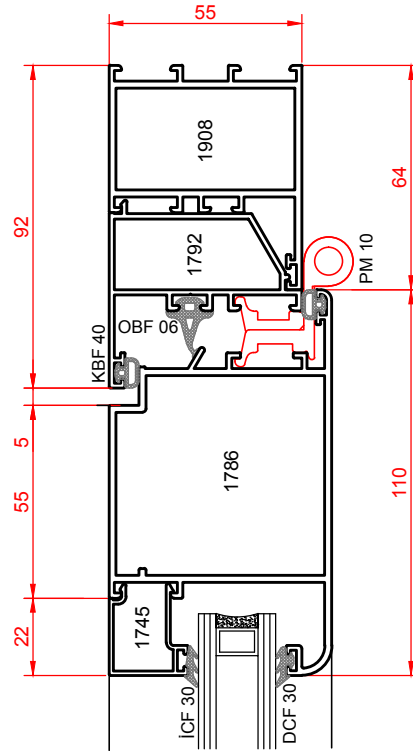


İÇ  
DIŞ  
**DETAY - 1**

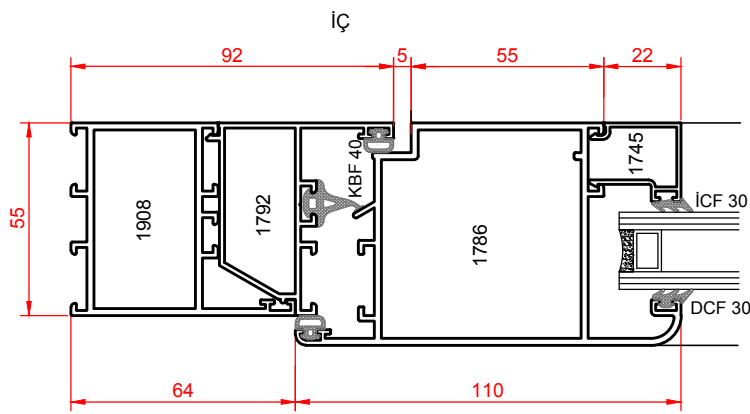
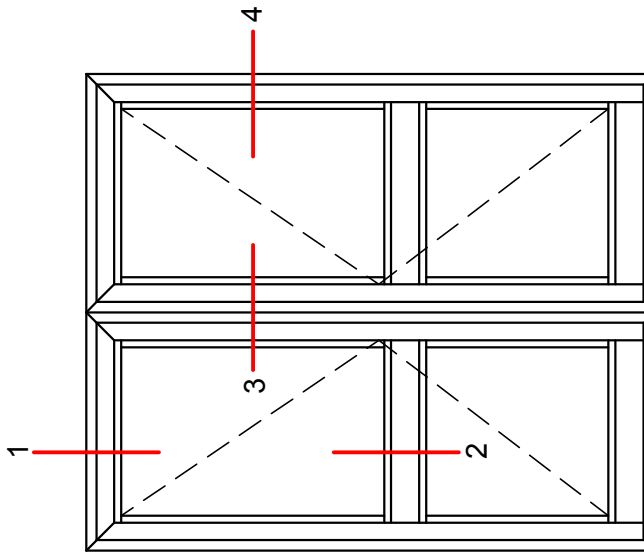


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DIŞ  
**DETAY - 2**

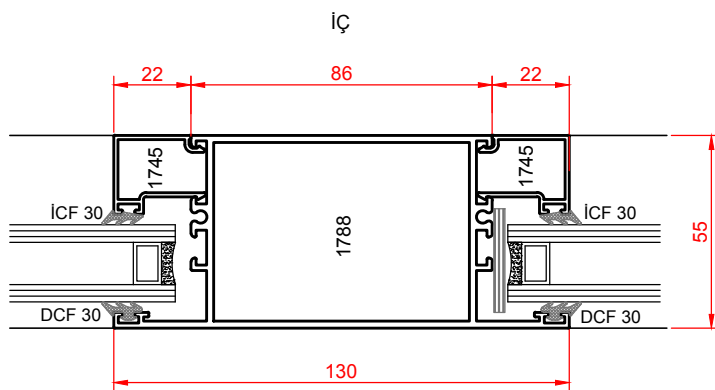
**DETAY - 4**



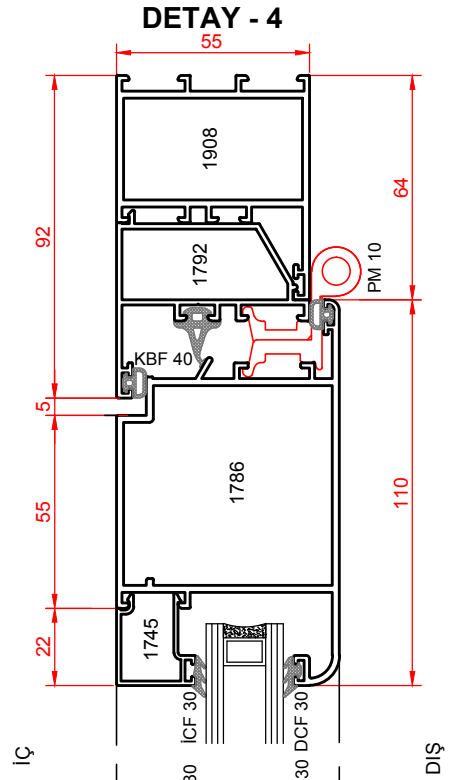
İÇ  
DIŞ  
**DETAY - 3**



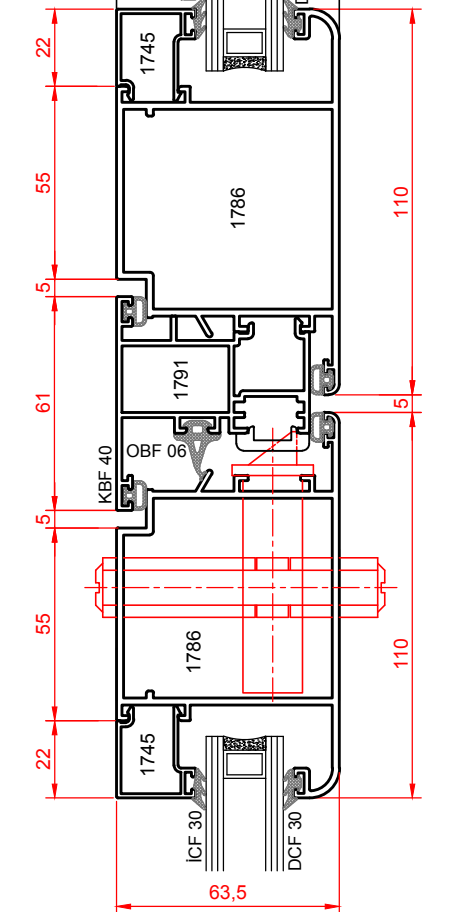
**DETAIL - 1**



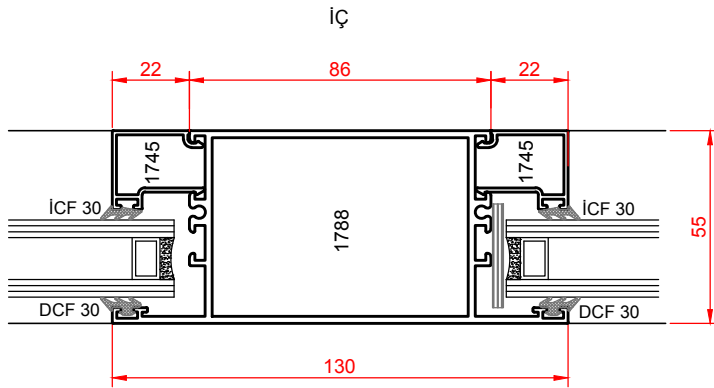
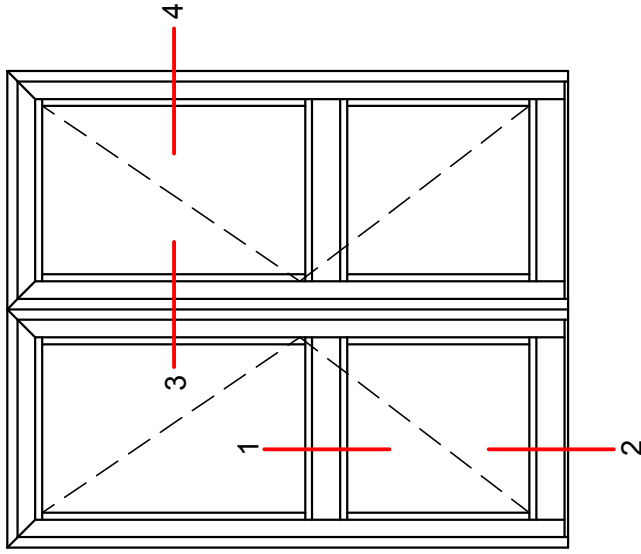
**DETAIL - 2**



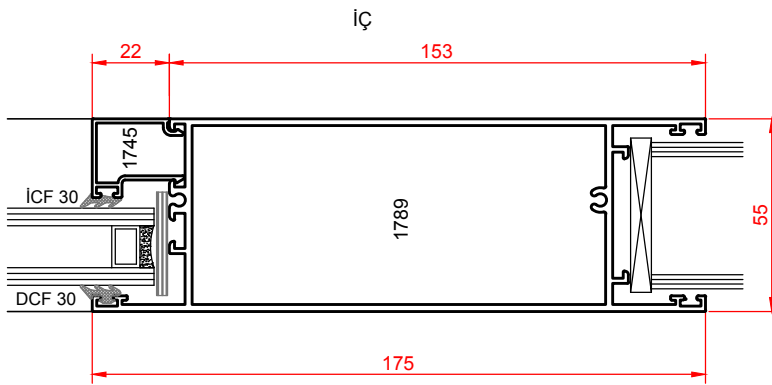
**DETAIL - 4**



**DETAIL - 3**

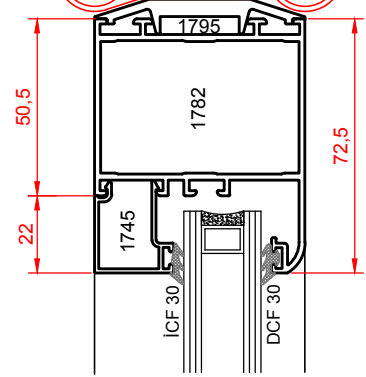
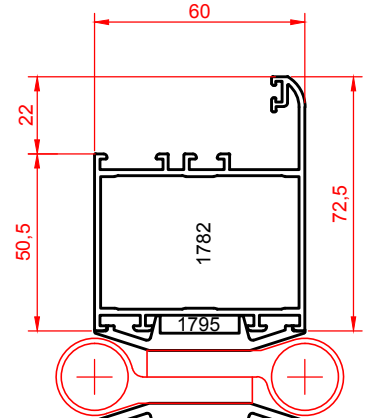


**DIŞ**  
**DETAY - 1**

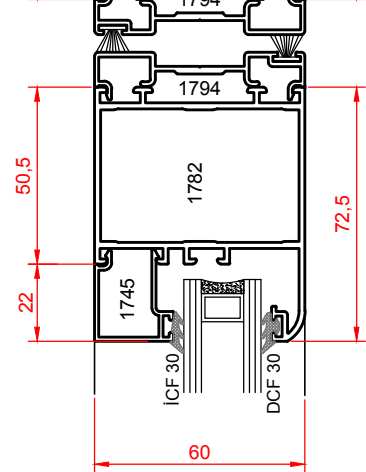
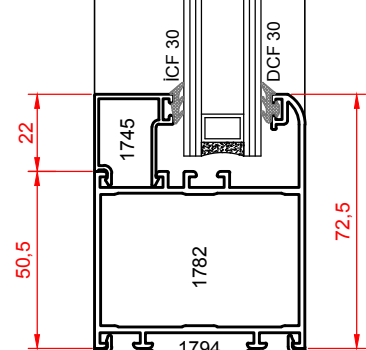


**DIŞ**  
**DETAY - 2**

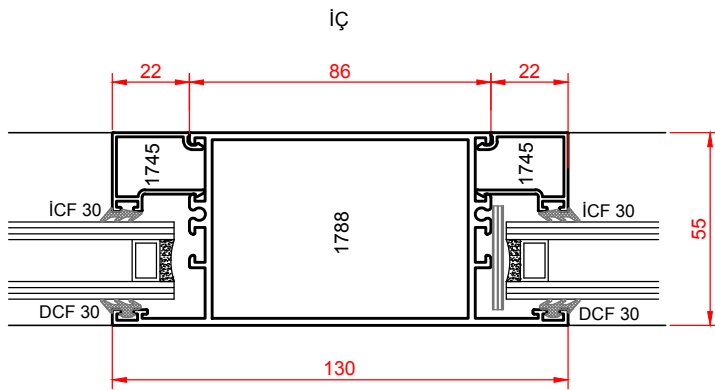
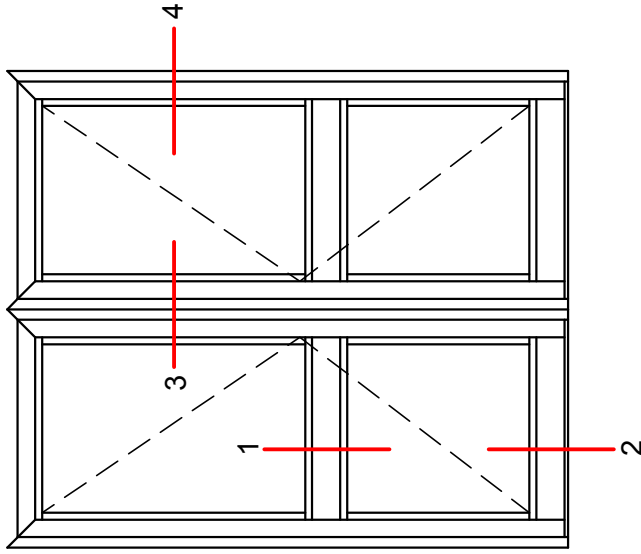
**DETAY - 4**



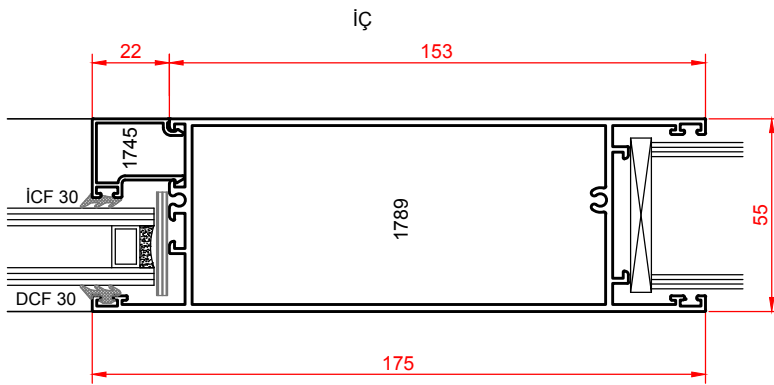
**İÇ** **DIŞ**



**DETAY - 3**

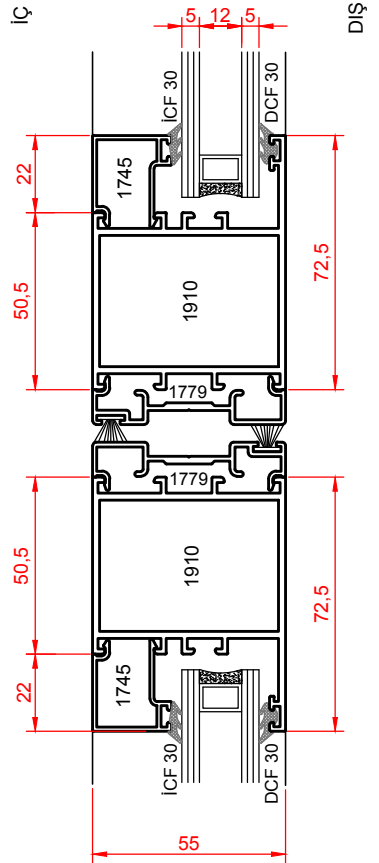
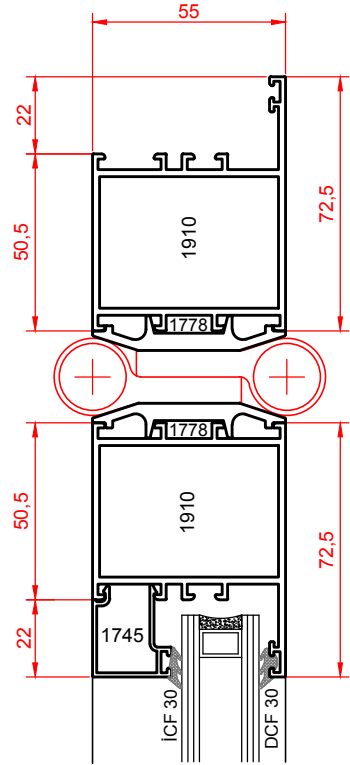


**DIŞ**  
**DETAY - 1**

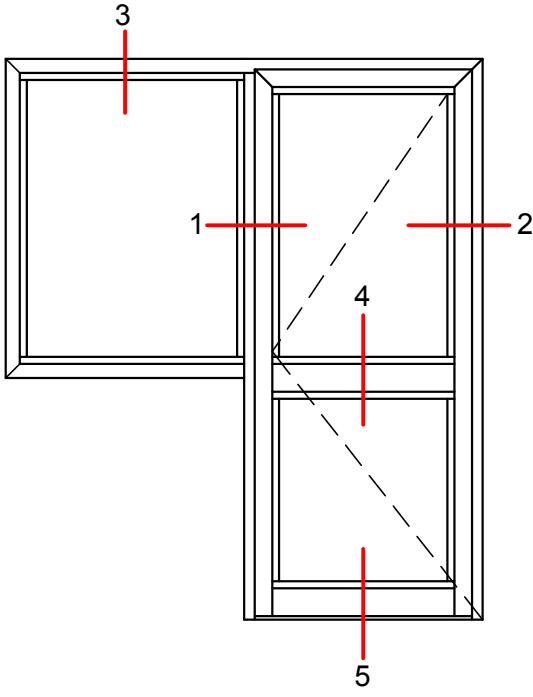


**DIŞ**  
**DETAY - 2**

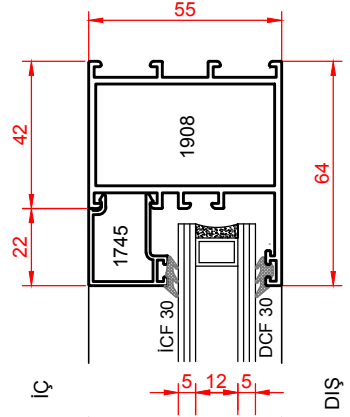
**DETAY - 4**



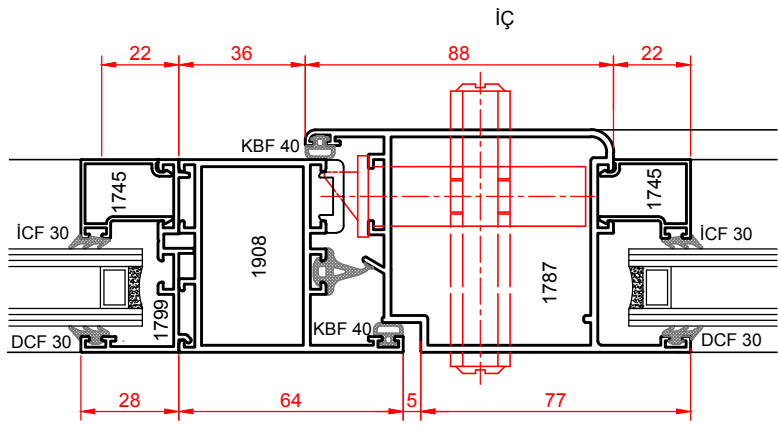
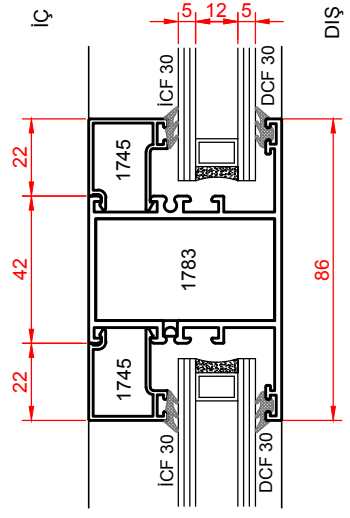
**DETAY - 3**



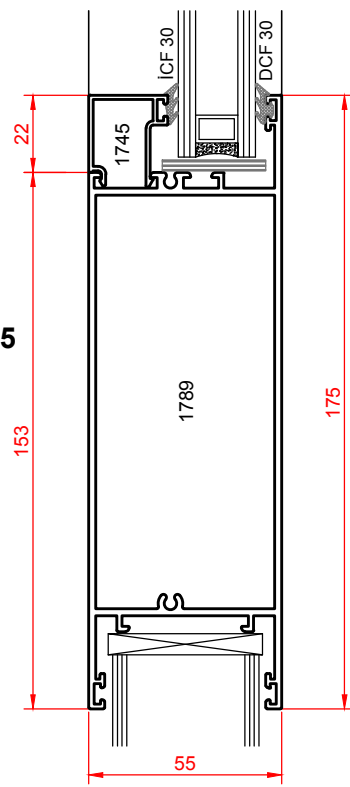
DETAY - 3



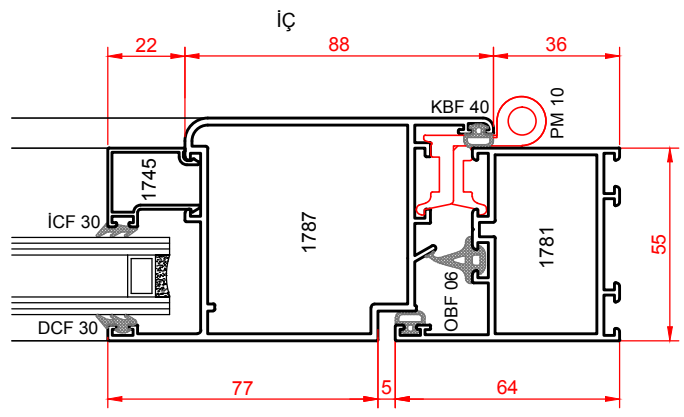
DETAY - 4



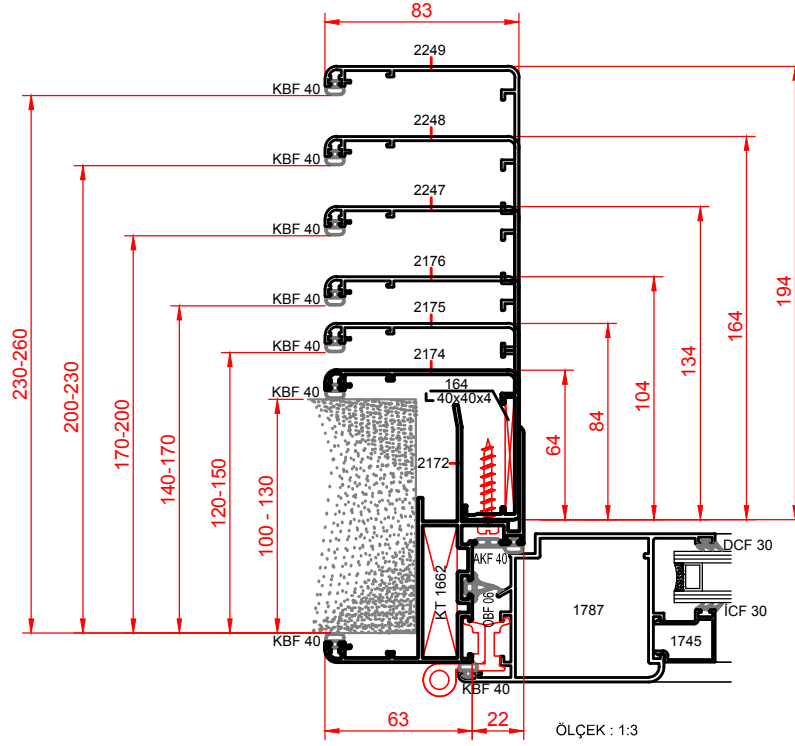
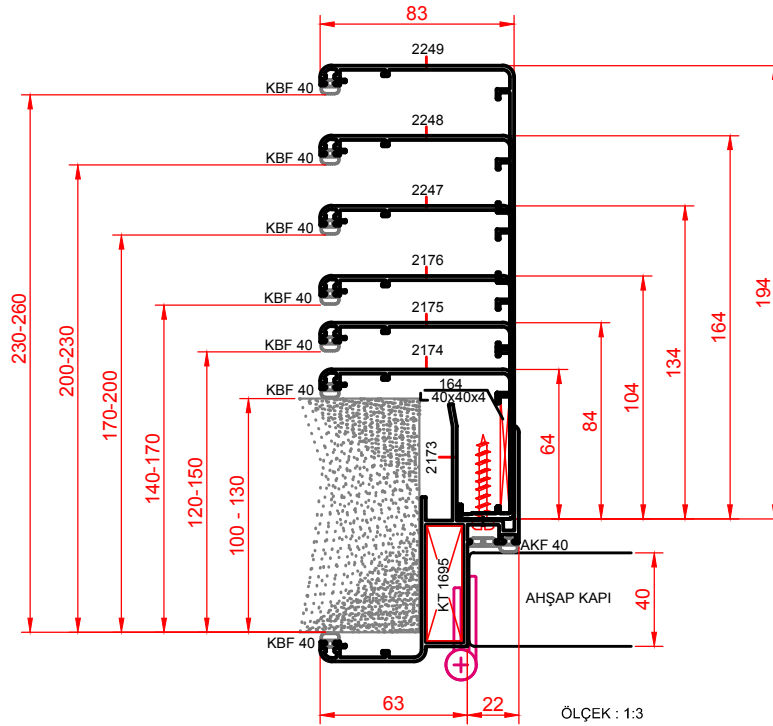
DETAY - 1



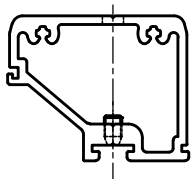
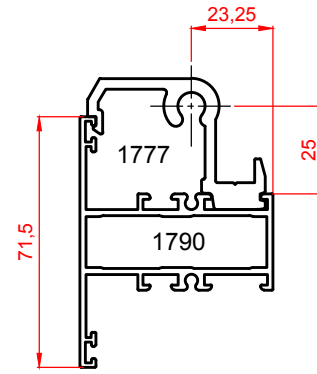
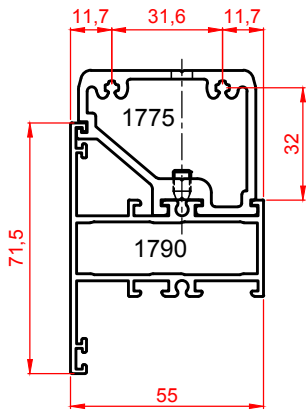
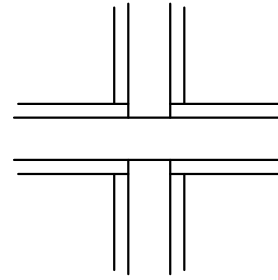
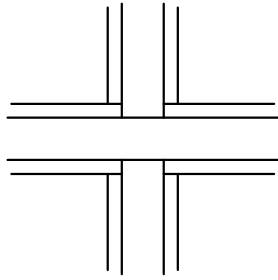
DETAY - 5



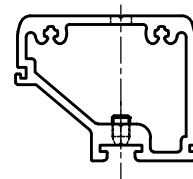
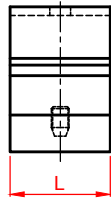
DETAY - 2

**AYARLI KASA (ALÜMİNYUM) KAPI DETAYI**

**AYARLI KASA (AHŞAP) KAPI DETAYI**


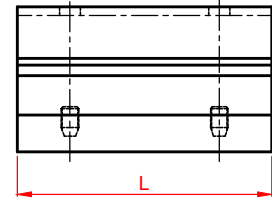




PROFİL NO : 1775

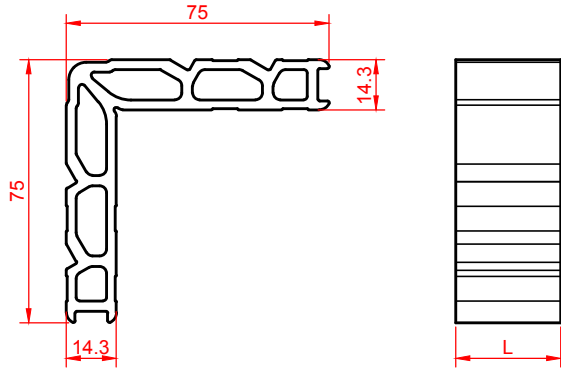
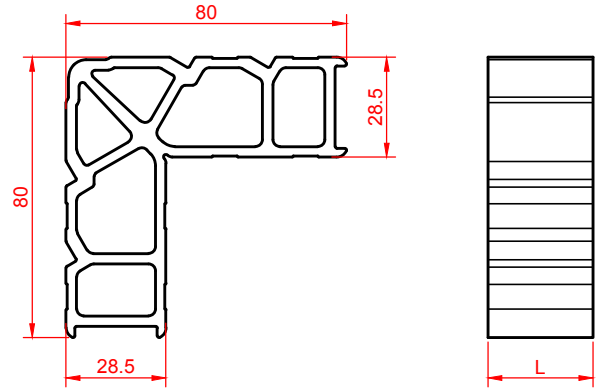


PROFİL NO : 1775



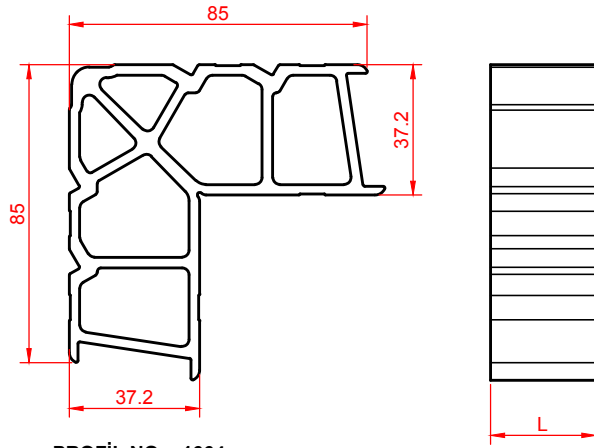
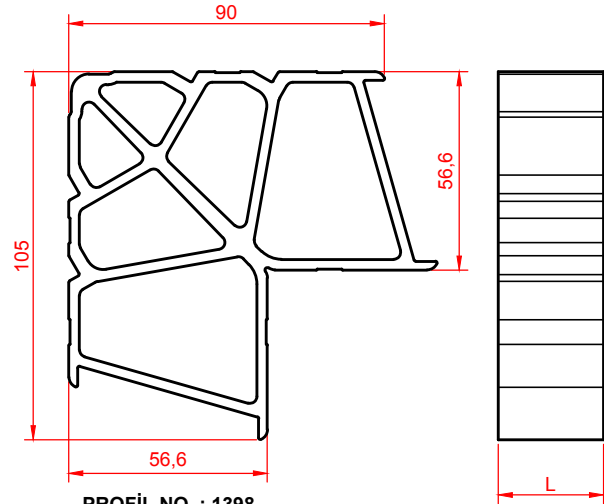
KOD NO.	L	KULLANILDIĞI PROFİL
OKB-1790	14.2	1790
OKB-1783	28.6	1783

KOD NO.	L	KULLANILDIĞI PROFİL
OKB-1788	72.6	1788


**PROFİL NO. : 1662**

**PROFİL NO. : 1663**

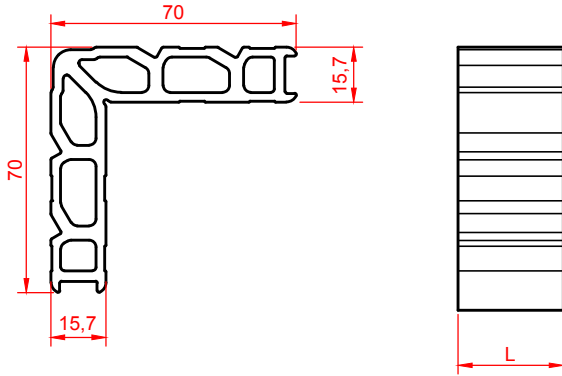
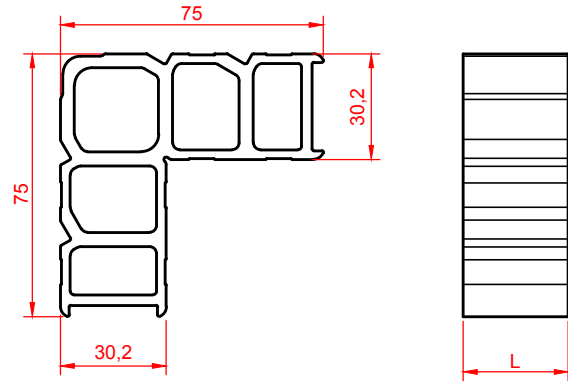
KOD NO.	L	KULLANILDIĞI PROFİL
KT 1662 564	56.4	1780
KT 1662 514	51.4	1784 - 1790 - 1906

KOD NO.	L	KULLANILDIĞI PROFİL
KT 1663 564	56.4	1781
KT 1663 508	50.8	1783 - 1785 - 1908


**PROFİL NO. : 1664**

**PROFİL NO. : 1398**

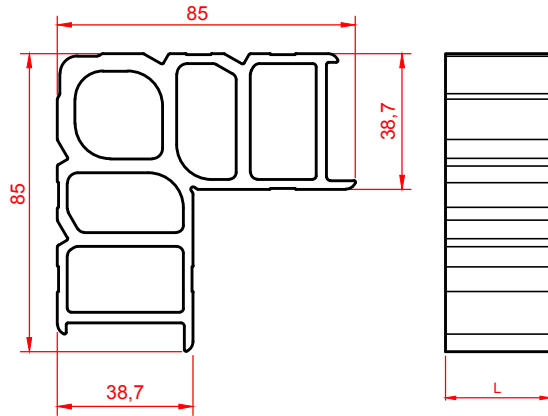
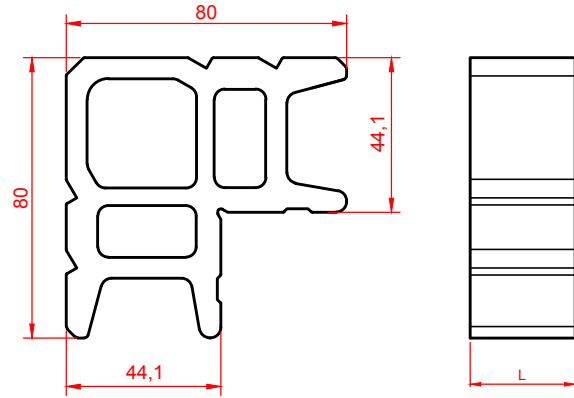
KOD NO.	L	KULLANILDIĞI PROFİL
KT 1664 564	56.4	1782
KT 1664 508	50.8	1910

KOD NO.	L	KULLANILDIĞI PROFİL
KT 1398 508	50.8	1786 - 1787
KT 1398 516	51.6	1660


**PROFİL NO. : 1695**

**PROFİL NO. : 1696**






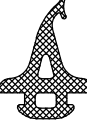

KOD NO.	L	KULLANILDIĞI PROFİL
KT 1695 572	57.2	1685
KT 1695 522	52.2	1905 - 1691 - 1693

KOD NO.	L	KULLANILDIĞI PROFİL
KT 1696 572	57.2	1686
KT 1696 522	52.2	1907 - 1692 - 1694


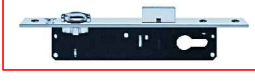




**PROFİL NO. : 1697**

**PROFİL NO. : 1903**

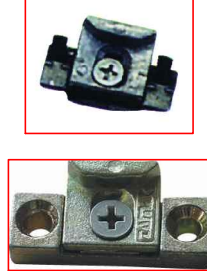
KOD NO.	L	KULLANILDIĞI PROFİL
KT 1697 572	57.2	1687
KT 1697 522	52.2	1909

KOD NO.	L	KULLANILDIĞI PROFİL
KT 1903 512	51.2	1900

KOD NO.	ŞEKİL	ADI	MALZEME
03 010503		DCF 30 Dış Cam Fitili 3 mm	EPDM 1 Paket/15kg./320 Metre
03 011230		İCF 30 İç Cam Fitili 3 mm	EPDM 1 Paket/15kg./415 Metre
03 011231		İCF 40 İç Cam Fitili 4 mm	EPDM 1 Paket/15kg./360 Metre
03 010732		İCF 50 İç Cam Fitili 5 mm	EPDM 1 Paket/15kg./280 Metre
03 010440		KBF 40 Kulak Bini Fitili	EPDM 1 Paket/12kg./265 Metre
03 011006		OBF 06 Orta Bini Fitili	EPDM 1 Paket/15kg./160 Metre
03 010340		AKF 40 Ayarlı Kapı Fitili	EPDM 1 Paket/13kg./135 Metre

AKSESUAR ADI	KOD NO.	ŞEKİL
FORZA KAPI KOLU	01 040902-BEYAZ	
	01 040903-RENKLİ	
	01 040904-NAT.BOYALI	
FORZA PENCERE KOLU	01 020702-BEYAZ	
	01 020703-RENKLİ	
	01 020803-NAT.BOYALI	
ROZETLİ SOSİS KOL	01 040102-BEYAZ	
	01 040103-RENKLİ	
	01 040104-NAT.BOYALI(YAYLI)	
EKSENEL KOL POLİTEKNİK	01 020401-ELOKSALLI	
	01 020402-BEYAZ	
	01 020403-RENKLİ	
EKSENEL KOL ROTO	01 020601-ELOKSALLI	
	01 020604-ELOKSALLI KİLİTLİ	

AKSESUAR ADI	KOD NO.	ŞEKİL
153 35 DİLLİ GÖVDE	05 010401	
155 35 MAKARALI GÖVDE	05 010405	
81 mm BAREL	05 011131	
KİLİT KARŞILIĞI DİLLİ	01 060301/D-ELOKSALLI	
	01 060302/D-BEYAZ	
	01 060303/D-RENKLİ	
KİLİT KARŞILIĞI MAKARALI	01 060301/M-ELOKSALLI	
	01 060302/M-BEYAZ	
	01 060303/M-RENKLİ	

AKSESUAR ADI	KOD NO.	ŞEKİL
PENCERE MENTEŞESİ	01 010901-ELOKSALLI	
	01 010902-BEYAZ	
	01 010903-RENKLİ	
KAPI VE PENCERE MENTEŞESİ	01 011101-ELOKSALLI	
	01 011102-BEYAZ	
	01 011103-RENKLİ	
PİVOT MENTEŞE	01 010601-ELOKSALLI	
	01 010602-BEYAZ	
İSPANYOLET KARŞILIĞI AYARLI	01 120208	
	01 120200-Ayarlı	
İSPANYOLET PİMİ	01 120100	