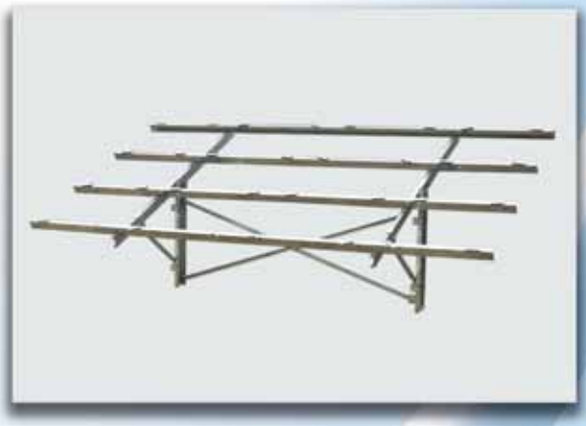
A PROFİL









Açık profilde tecrübe, teknoloji, güven...

ISO 9001
BUREAU VERITAS
Certification

Hakkımızda

A Profil, sektöründe yarım asırlık üretim ve mühendislik tecrübesine sahip deneyimli bir kadro tarafından kurulmuştur. Yepyeni bir vizyon ile faaliyetlerini sürdüren A Profil, müşterilerinin ve piyasanın taleplerini dikkate alan bir yapı ile çalışmaktadır.

Maliyetlerde minimum ve işlevsellikte maksimum verimliliği esas alan ürünleriyle A Profil, müşteri beklentilerinin ötesine geçmeyi hedeflemiştir. Ürün tasarımlarındaki estetiği ise tüm bu unsurları kapsayacak şekilde ele almaktadır. A Profil, vizyonel bakış açısıyla, en iyi tasarımla ve uzmanlıkla şekillendirdiği, çözüm odaklı ürünlerini profil pazarına sunmayı temel ilke edinmiştir.

A Profil'e göre müşteri memnuniyetini sağlamanın yolu, doğru malzemenin seçimi kadar, tüm malzemeyi şekillendirecek kalıp ve ekipmanların belirlenmesi ile bunların bütünlüğünün planlanmasından geçer. A Profil'e göre kalite ise, tasarım aşamasında başlayan ve ürünün müşteriye teslimine kadar devam eden bir süreci kapsar.

A Profil kalitede kararlı ve istikrarlı bir anlayışla üretim ve satış faaliyetlerini yürütür. Kurumumuz teknolojik ve kabiliyetli makina ekipman gücü ile bunu başarırken, işine karşı saygılı, tecrübeleri ile hareket eden ve kendisini müşterinin çözüm ortağı olarak gören bir felsefe ile hareket eder. Farklı bir vizyon ve misyonla, üretim ve satış faaliyetlerini sürdüren A Profil, sektöründe hızla gelişmekte ve büyümektedir.

About Us

A Profil was established by a team that has a half century experience in production and engineering in steel industry. Carrying on with its activities with a brand new vision, A Profil works under a structure that considers both actual and potential demands of the market.

Aiming to minimize costs and maximize functionality of its products, going beyond customer expectations is the bottom line for A Profil. It handles the aesthetics of product designs in a manner that will cover all these aspects. With a visional point of view, the main principle of A Profil is to offer to profile market its solution-focused products that shapes with the best of design and expertise.

A Profil believes that customer satisfaction can be ensured not only by the right choice of material, but also determination of moulds and equipment, and the planning of the integration of all these. For A Profil, quality is a process that begins with design and ends with delivery of the product to the customer.

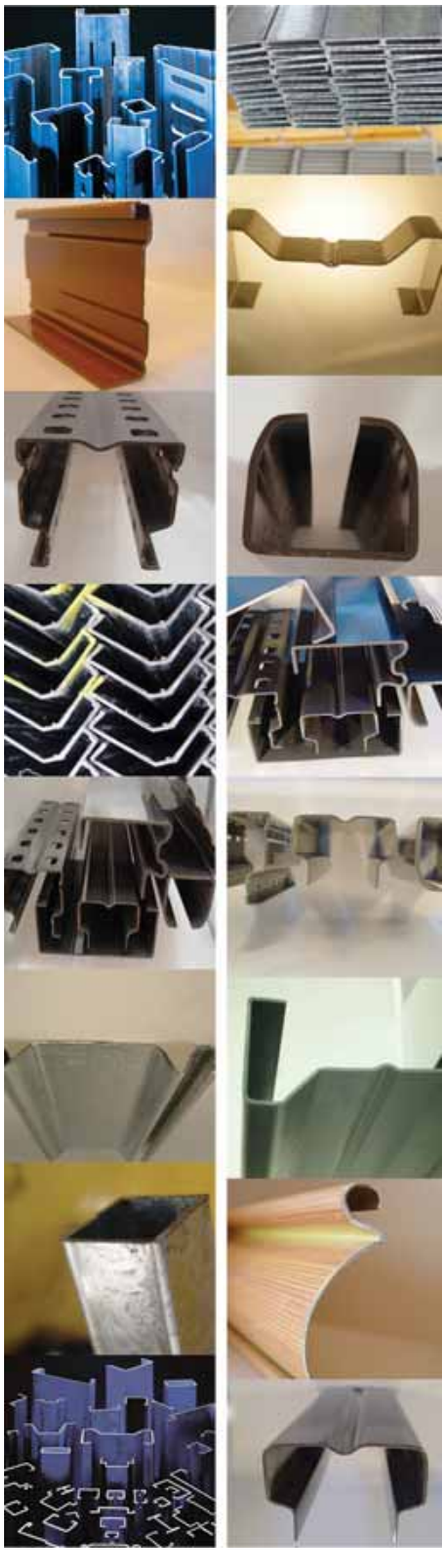
A Profil continues its production and sales activites with a consistent and determined understanding. While our corporation manages to do these with technology and skilled machinery-equipment, it adopts a philoshophy of respectness to work, acts according to gained experiences, and defines itself as the solution partner of the customer. Carrying on with its production and sales activities with a different vision and mission, A Profil is rapidly developing and confidently growing in its industry.











Hizmet Verdiğimiz Sektörler ve Ürünlerimiz
Production Range

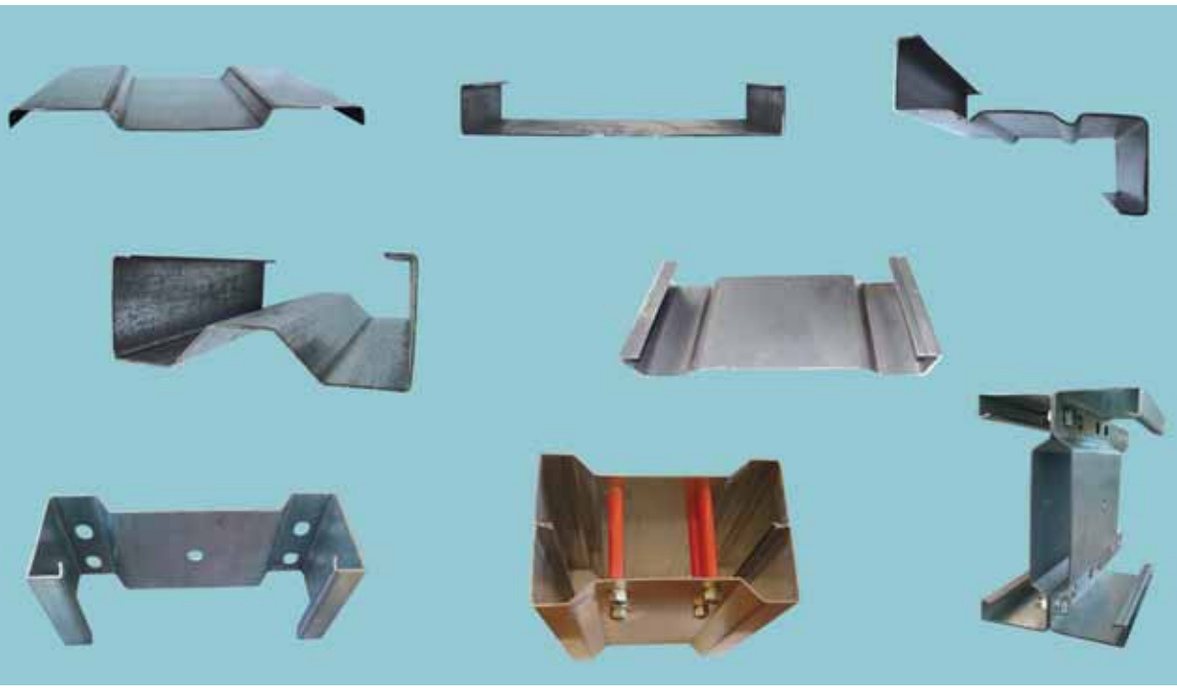
Yapı Profilleri	Construction profiles
Çelik Yapı ve Hangarlar	Steel construction and hangars
Bina İnşaat Ürünleri	Building construction products
PVC Pencere ve Kapı Sistemleri Endüstrisi	PVC window and door systems industry
Mobil Ev ve Üniteleri Endüstrisi	Mobile household and house units industry
Konteynır Endüstrisi	Container industry
İzolasyon ve Yalıtım	Isolation and insulation
Giydirme, Cephe ve Mermer Endüstrisi	Coating, siding and marble industry
Asma Kat ve Platform Sistemleri	Entresol and platform system
Raf Sistemleri	Shelf systems
Lojistik ve Depolama Endüstrisi	Logistics and storing industry
TIR ve Kamyon Şasesi ve Dorse Profili	TIR and truck chassis and semi-trailer profile
Ulaşım Sektörü	Transport industry
Otomotiv Sektörü	Automotive industry
Otobüs Endüstrisi	Bus industry
Elektrik Endüstrisi ve Kablo Kanalı Profilleri	Electricity industry and wire conduit profiles
Seracılık Sektörü	Greehousing industry
Hayvancılık Sektörü	Livestock breeding industry
Tarım Sektörü	Agriculture industry
Gemicilik Sektörü	Maritime industry
Mobilya Sektörü (Ofis, Ev)	Furniture industry (for offices and homes)
Kapı Endüstrisi	Door industry
Güvenlik Sektörü	Security industry
Klima ve Havalandırma	Air conditioning and ventilation
Makina ve Ekipmanları Endüstrisi	Machinery and equipment industry
Madencilik ve Tünel Endüstrisi	Mining and tunnel industry
Konveyör Endüstrisi	Conveyor industry
Vinç Kablo Taşıyıcı Araba Kanalı	Crane wire carrier automobile conduit
Asansör Endüstrisi	Elevator industry
Tekstil Endüstrisi	Textile industry
Zırhlı Araç Endüstrisi	Armored vehicle industry
Havacılık Endüstrisi	Aviation industry
Küvet ve Banyo Aksesuarları	Bathtubs and bath accessories
Spor Tribünleri Endüstrisi	Stadium stands
Köprü ve Köprü Korkulukları	Bridges and bridge railings



Yapı Profillerinde Bir Marka

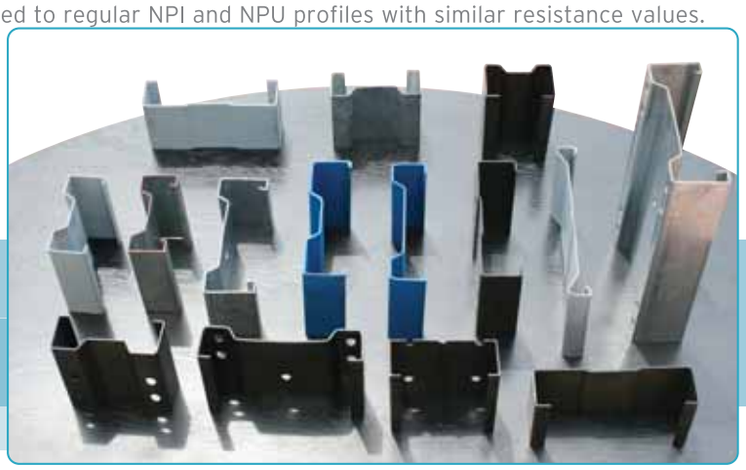
Yapı Profilleri;
Galvaniz, Sıcak veya Soğuk sactan üretilen yapı profillerini, rollforming makinalarda kesintisiz üretim hattı teknolojisiyle istenilen boyda (nakledilebilir boy), sınırsız formda, 0.40 mm'den 4 mm'ye kadar kalınlıkta ve 600 mm profil yüksekliğine kadar üretmek mümkündür. Proje gereği profiller yuvarlak, oval ve özel formda, hassas delikli olarak üretilebilir. Klasik NPI ve NPU profillerine göre benzer mukavemet değerlerinde %50'ye kadar ekonomi sağlar.





A Brand Name in Construction Profiles

Construction Profiles;
Made of galvanized, hot rolled and cold rolled steel can be produced by rollforming machinery with continuous production line technology in desired length (transportable length), limitless shapes, thickness from 0.40 mm to 4 mm, profile height as much as 600 mm. Depending on the project inquiries, the profiles may be round, oval in shape, and in special forms with precise holes. More economical, up to %50, compared to regular NPI and NPU profiles with similar resistance values.



Modern ve Prefabrik yapıların ardındaki güçlü taşıyıcı A PROFİL yapı profilleri...

A PROFIL Building Profiles, the powerful bearing behind modern and prefabricated buildings...





Mükemmel hassasiyeti ve maksimum taşıma gücü hedeflenerek üretilen profillerle artık yapılar daha hafif ve daha dayanıklı....

Constructions are much more light and durable with profiles that are produced with the target of maximum loading capacity and precision.

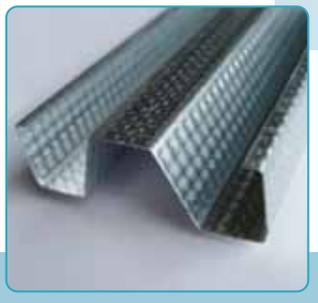
Tüm çelik konstrüksiyon binalarda, sanayi yapılarında, konut, fabrika binalarında, iş ve alışveriş merkezlerinde, yapının ihtiyaç duyulan her aşamasında; projeye göre U.C.M.Z. formlarında, sınırsız kesitli hafif çelik kolon, hafif çelik makas, çatı aşık profili, tavan ve daha birçok alanda kullanılabilir.

In all steel construction as, industrial buildings, residences, factory buildings, business centers and malls, at any stage of the construction, whenever needed, can be used in U.C.M.Z. forms, light steel columns with limitless cross sections, light steel trusses, roof connection profiles, side connection profiles, wall profiles, ceilings, and in many other areas depending on the project.









Raf Söktörüne;

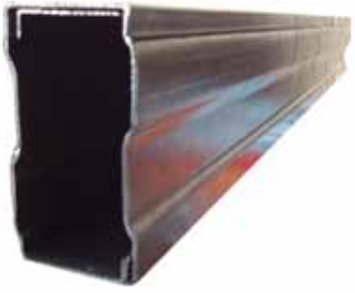
Özel tasarımlarınıza göre, istenilen boyda delikli Raf Profilleri ve yüksek taşıma kapasitesine sahip özel CC Travers Profilleri.

Perforated Shelf Profiles of desired dimensions for your designs, and special CC Travers Profiles with high carrying capacities for Shelf Industry.















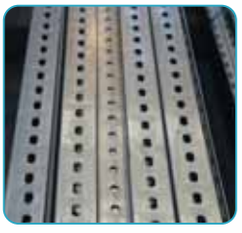
Delikli Profil Çeşitleri
Perforated Profile Types











Otomotiv Sanayi Profilleri
Automative Industrial Profiles

Otomotiv sektörü için karoser, dorse ve şase profilleri 16 metreye kadar boyda, en yüksek kalitede, en kısa sürede, en ekonomik olarak üretilmektedir.

Highest quality bodies, trailers, and chassis profiles up to 16 metres of length are produced for Automotive Industry.





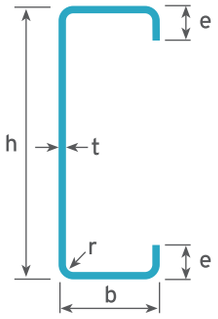






Profil Üretim Tabloları

h = Yükseklik
b = Alt kenar yüksekliği
e = Tırnak genişliği
t = Kalınlık
r = Büküm yarıçapı = 2 - 4 mm

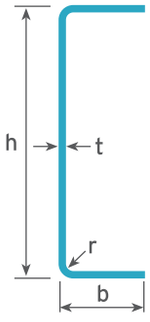


Tablo 1

h Yükseklik	b Taban	e Tırnak	t Kalınlık	BOY		Kullanılan Malzeme
				min	max	
mm	mm	mm	mm	cm	cm	
20	10.0 - 40.0	3.0 - 5.0	0.5 - 2.0	200	600	- Galvanizli Sac
40	10.0 - 100.0	5.0 - 10.0	0.5 - 3.0	200	6000	- Sıcak Haddelenmiş Sac
50	10.0 - 100.0	5.0 - 15.0	0.5 - 3.0	200	6000	- HRP Sac
80	10.0 - 100.0	5.0 - 25.0	0.5 - 4.0	200	1400	- Soğuk Sac
100	10.0 - 130.0	5.0 - 30.0	0.5 - 4.0	200	1400	- Paslanmaz
120	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	- Alüminyum
150	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	- Bakır
200	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
250	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
300	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
350	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
400	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
500	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
600	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	

Not: Yukarıdaki tablo standart ölçüler olup ara ölçülerde de imalat yapılır.
Possible to manufacture at special dimensions.

h = Yükseklik
b = Alt kenar yüksekliği
t = Kalınlık
r = Büküm yarıçapı = 2 - 4 mm



Tablo 2

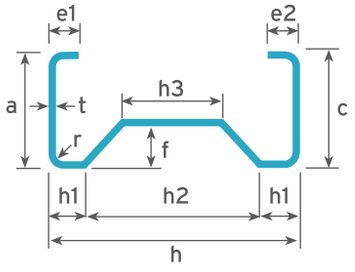
h Yükseklik	b Taban	e Tırnak	t Kalınlık	BOY		Kullanılan Malzeme
				min	max	
mm	mm	mm	mm	cm	cm	
20 - 200	0 - 80	0	0.5 - 2.0	200	600	- Galvanizli Sac
20 - 600	6 - 180	0	1.0 - 5.0	200	1400	- Sıcak Haddelenmiş Sac
						- HRP Sac
						- Soğuk Sac
						- Paslanmaz
						- Alüminyum
						- Bakır

Not: Yukarıdaki tablo standart ölçüler olup ara ölçülerde de imalat yapılır.
Possible to manufacture at special dimensions.

Üretim Toleransları: DIN 6930, Erdemir.

Profil Üretim Tabloları

h = Yükseklik
h1-h2 = Düz kenar genişliği
f = Fatura derinliği
a-c = Alt kenar yüksekliği
e1-e2 = Tırnak genişliği
t = Kalınlık
r = Büküm yarıçapı = 2 - 4 mm



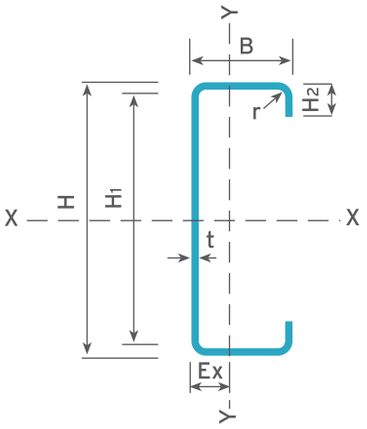
Tablo 3

h Yükseklik	h1	h2	f	a - c Taban	e1 - e2 Tırnak	t Kalınlık	BOY		Kullanılan Malzeme
							min	max	
mm	mm	mm	mm	mm	mm	mm	cm	cm	
60	30 - 50	h-2*h1	25 - 40	10.0 - 100.0	5.0 - 20.0	0.5 - 3.0	200	1200	- Galvanizli Sac - Sıcak Haddelenmiş Sac - HRP Sac - Soğuk Sac - Paslanmaz - Alüminyum - Bakır
80	30 - 50	h-2*h1	25 - 40	10.0 - 100.0	5.0 - 25.0	0.5 - 4.0	200	1400	
100	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 30.0	0.5 - 4.0	200	1400	
120	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
150	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
200	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
250	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
300	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
350	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
400	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
450	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
500	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
550	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	
600	30 - 50	h-2*h1	25 - 40	10.0 - 130.0	5.0 - 40.0	0.5 - 4.0	200	1400	

Not: Yukarıdaki tablo standart ölçüler olup ara ölçülerde de imalat yapılır.
Possible to manufacture at special dimensions.

Üretim Toleransları: DIN 6930, Erdemir.

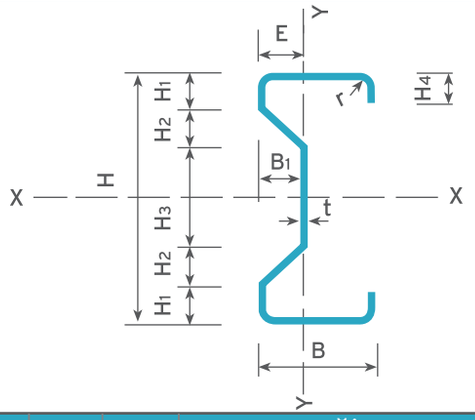
C Profilleri Mukavemet Değerleri
C Profiles and Cross-Section Values





KESİT	t	BOYUTLAR					F	G	EĞİLME EKSENİ						Ex
									X - X			Y - Y			
		H	B	H_1	H_2	r			Ix	Wx	i_x	Iy	Wy	i_y	
⊏	mm	mm	mm	mm	mm	mm	cm^2	kg/m	cm^4	cm^3	cm	cm^4	cm^3	cm	cm
60.40	1	60	40	56	10	1	1.53	1.204	9.45	3.15	2.48	3.46	1.38	1.5	1.49
	1.5	60	40	55	10	1	2.26	1.778	13.7	4.57	2.46	4.95	1.97	1.48	1.49
	2	60	40	54	10	1	2.97	2.332	17.65	5.88	2.44	6.3	2.51	1.46	1.49
	2.5	60	40	53	10	1	3.65	2.868	21.31	7.1	2.41	7.5	2.99	1.43	1.49
	3	60	40	52	10	1	4.31	3.384	24.68	8.23	2.39	8.58	3.41	1.41	1.49
70.40	1	70	40	66	10	1	1.63	1.283	13.41	3.83	2.86	3.65	1.41	1.5	1.4
	1.5	70	40	65	10	1	2.41	1.896	19.49	5.57	2.84	5.23	2.01	1.47	1.4
	2	70	40	64	10	1	3.17	2.489	25.18	7.2	2.82	6.66	2.56	1.45	1.4
	2.5	70	40	63	10	1	3.9	3.064	30.49	8.71	2.79	7.94	3.05	1.43	1.4
	3	70	40	62	10	1	4.61	3.62	35.42	10.12	2.77	9.08	3.49	1.4	1.4
80.40	1	80	40	76	15	1	1.83	1.44	18.94	4.74	3.21	4.48	1.77	1.56	1.47
	1.5	80	40	75	15	1	2.71	2.131	27.63	6.91	3.19	6.44	2.54	1.54	1.47
	2	80	40	74	15	1	3.57	2.803	35.82	8.95	3.17	8.23	3.25	1.52	1.47
	2.5	80	40	73	15	1	4.4	3.457	43.52	10.88	3.14	9.86	3.89	1.5	1.47
	3	80	40	72	15	1	5.21	4.091	50.74	12.69	3.12	11.33	4.47	1.47	1.47
90.40	1	90	40	86	15	1	1.93	1.518	24.88	5.53	3.59	4.67	1.79	1.55	1.4
	1.5	90	40	85	15	1	2.86	2.249	36.36	8.08	3.56	6.72	2.58	1.53	1.4
	2	90	40	84	15	1	3.77	2.96	47.22	10.49	3.54	8.59	3.3	1.51	1.4
	2.5	90	40	83	15	1	4.65	3.653	57.48	12.77	3.51	10.29	3.95	1.49	1.4
	3	90	40	82	15	1	5.51	4.326	67.14	14.92	3.49	11.82	4.54	1.46	1.4
	3.5	90	40	81	15	1	6.34	4.981	76.24	16.94	3.47	13.21	5.07	1.44	1.4
90.50	1	90	50	86	15	1	2.13	1.675	28.84	6.41	3.68	7.88	2.47	1.92	1.81
	1.5	90	50	85	15	1	3.16	2.484	42.24	9.39	3.65	11.4	3.58	1.9	1.81
	2	90	50	84	15	1	4.17	3.274	54.97	12.21	3.63	14.68	4.6	1.88	1.81
	2.5	90	50	83	15	1	5.15	4.045	67.05	14.9	3.61	17.7	5.55	1.85	1.81
	3	90	50	82	15	1	6.11	4.797	78.5	17.44	3.58	20.48	6.42	1.83	1.81
	3.5	90	50	81	15	1	7.04	5.53	89.34	19.85	3.56	23.04	7.21	1.81	1.81
100.40	1	100	40	96	20	1	2.13	1.675	32.85	6.57	3.92	5.5	2.16	1.6	1.45
	1.5	100	40	95	20	1	3.16	2.484	48.11	9.62	3.9	7.93	3.11	1.58	1.45
	2	100	40	94	20	1	4.17	3.274	62.63	12.53	3.87	10.16	3.99	1.56	1.45
	2.5	100	40	93	20	1	5.15	4.045	76.41	15.28	3.85	12.21	4.8	1.54	1.45
	3	100	40	92	20	1	6.11	4.797	89.48	17.9	3.83	14.08	5.53	1.52	1.46
	3.5	100	40	91	20	1	7.04	5.53	101.85	20.37	3.8	15.78	6.2	1.5	1.46
100.50	1	100	50	96	20	1	2.33	1.832	37.75	7.55	4.02	9.16	2.93	1.98	1.87
	1.5	100	50	95	20	1	3.46	2.72	55.39	11.08	4	13.3	4.25	1.96	1.87
	2	100	50	94	20	1	4.57	3.588	72.23	14.45	3.98	17.15	5.48	1.94	1.87
	2.5	100	50	93	20	1	5.65	4.438	88.3	17.66	3.95	20.74	6.63	1.92	1.87
	3	100	50	92	20	1	6.71	5.268	103.59	20.72	3.93	24.06	7.69	1.89	1.87
	3.5	100	50	91	20	1	7.74	6.08	118.15	23.63	3.91	27.13	8.67	1.87	1.87
120.50	1	120	50	116	20	1	2.53	1.989	57.6	9.6	4.77	9.77	2.99	1.96	1.73
	1.5	120	50	115	20	1	3.76	2.955	84.7	14.12	4.74	14.19	4.34	1.94	1.73
	2	120	50	114	20	1	4.97	3.902	110.69	18.45	4.72	18.31	5.59	1.92	1.73
	2.5	120	50	113	20	1	6.15	4.83	135.6	22.6	4.69	22.14	6.77	1.9	1.73
	3	120	50	112	20	1	7.31	5.739	159.44	26.57	4.67	25.69	7.85	1.87	1.73
	3.5	120	50	111	20	1	8.44	6.629	182.25	30.37	4.65	28.98	8.86	1.85	1.73
	4	120	50	110	20	1	9.55	7.5	204.03	34.01	4.62	32.02	9.79	1.83	1.73
120.60	1	120	60	116	20	1	2.73	2.146	64.68	10.78	4.86	14.91	3.86	2.34	2.14
	1.5	120	60	115	20	1	4.06	3.191	95.23	15.87	4.84	21.74	5.63	2.31	2.14
	2	120	60	114	20	1	5.37	4.216	124.62	20.77	4.82	28.17	7.29	2.29	2.14
	2.5	120	60	113	20	1	6.65	5.223	152.86	25.48	4.79	34.21	8.85	2.27	2.14
	3	120	60	112	20	1	7.91	6.21	179.98	30	4.77	39.88	10.32	2.25	2.14
	3.5	120	60	111	20	1	9.14	7.179	206.01	34.33	4.75	45.19	11.69	2.22	2.14
	4	120	60	110	20	1	10.35	8.128	230.96	38.49	4.72	50.15	12.97	2.2	2.13

KESİT	t	BOYUTLAR					F	G	EĞİLME EKSENİ						Ex
									X - X			Y - Y			
		H	B	H_1	H_2	r			Ix	Wx	i_x	Iy	Wy	i_y	
⊏	mm	mm	mm	mm	mm	mm	cm^2	kg/m	cm^4	cm^3	cm	cm^4	cm^3	cm	cm
140.50	1	140	50	136	20	1	2.73	2.146	82.52	11.79	5.49	10.3	3.03	1.94	1.6
	1.5	140	50	135	20	1	4.06	3.191	121.53	17.36	5.47	14.95	4.4	1.92	1.61
	2	140	50	134	20	1	5.37	4.216	159.09	22.73	5.44	19.29	5.68	1.9	1.61
	2.5	140	50	133	20	1	6.65	5.223	195.21	27.89	5.42	23.33	6.88	1.87	1.61
	3	140	50	132	20	1	7.91	6.21	229.92	32.85	5.39	27.08	7.99	1.85	1.61
	3.5	140	50	131	20	1	9.14	7.179	263.24	37.61	5.37	30.55	9.01	1.83	1.61
	4	140	50	130	20	1	10.35	8.128	295.2	42.17	5.34	33.76	9.96	1.81	1.61
140.60	2	140	60	134	20	1	5.77	4.53	178.13	25.45	5.56	29.71	7.42	2.27	2
	2.5	140	60	133	20	1	7.15	5.615	218.84	31.26	5.53	36.1	9.01	2.25	2
	3	140	60	132	20	1	8.51	6.681	258.08	36.87	5.51	42.08	10.51	2.22	2
	3.5	140	60	131	20	1	9.84	7.728	295.85	42.26	5.48	47.69	11.91	2.2	2
	4	140	60	130	20	1	11.15	8.756	332.2	47.46	5.46	52.94	13.22	2.18	2
150.60	2	150	60	144	25	1	6.17	4.844	214.69	28.63	5.9	33.46	8.49	2.33	2.06
	2.5	150	60	143	25	1	7.65	6.008	264.04	35.2	5.87	40.7	10.33	2.31	2.06
	3	150	60	142	25	1	9.11	7.152	311.71	41.56	5.85	47.53	12.07	2.28	2.06
	3.5	150	60	141	25	1	10.54	8.278	357.73	47.7	5.82	53.95	13.7	2.26	2.06
	4	150	60	140	25	1	11.95	9.384	402.12	53.62	5.8	59.97	15.23	2.24	2.06
150.80	2	150	80	144	25	1	6.97	5.472	258.5	34.47	6.09	65.69	12.83	3.07	2.88
	2.5	150	80	143	25	1	8.65	6.793	318.43	42.46	6.07	80.34	15.69	3.05	2.88
	3	150	80	142	25	1	10.31	8.094	376.54	50.21	6.04	94.32	18.42	3.02	2.88
	3.5	150	80	141	25	1	11.94	9.377	432.86	57.71	6.02	107.64	21.02	3	2.88
	4	150	80	140	25	1	13.55	10.64	487.41	64.99	6	120.33	23.49	2.98	2.88
160.60	2	160	60	154	25	1	6.37	5.001	249.81	31.23	6.26	34.2	8.55	2.32	2
	2.5	160	60	153	25	1	7.9	6.204	307.41	38.43	6.24	41.61	10.4	2.29	2
	3	160	60	152	25	1	9.41	7.388	363.12	45.39	6.21	48.59	12.15	2.27	2
	3.5	160	60	151	25	1	10.89	8.552	416.97	52.12	6.19	55.16	13.79	2.25	2
	4	160	60	150	25	1	12.35	9.698	468.99	58.62	6.16	61.32	15.34	2.23	2
160.80	2	160	80	154	25	1	7.17	5.629	299.74	37.47	6.47	67.19	12.93	3.06	2.8
	2.5	160	80	153	25	1	8.9	6.989	369.43	46.18	6.44	82.18	15.81	3.04	2.8
	3	160	80	152	25	1	10.61	8.33	437.07	54.63	6.42	96.49	18.57	3.02	2.8
	3.5	160	80	151	25	1	12.29	9.651	502.7	62.84	6.39	110.13	21.19	2.99	2.8
	4	160	80	150	25	1	13.95	10.954	566.35	70.79	6.37	123.12	23.69	2.97	2.8
180.60	2	180	60	174	25	1	6.77	5.315	329.72	36.64	6.98	35.56	8.64	2.29	1.89
	2.5	180	60	173	25	1	8.4	6.597	406.13	45.13	6.95	43.27	10.52	2.27	1.89
	3	180	60	172	25	1	10.01	7.859	480.2	53.36	6.93	50.53	12.29	2.25	1.89
	3.5	180	60	171	25	1	11.59	9.102	551.97	61.33	6.9	57.36	13.96	2.22	1.89
	4	180	60	170	25	1	13.15	10.326	621.45	69.05	6.87	63.77	15.53	2.2	1.89
180.80	2	180	80	174	25	1	7.57	5.943	393.09	43.68	7.21	69.96	13.1	3.04	2.66
	2.5	180	80	173	25	1	9.4	7.382	484.9	53.88	7.18	85.58	16.03	3.02	2.66
	3	180	80	172	25	1	11.21	8.801	574.2	63.8	7.16	100.49	18.82	2.99	2.66
	3.5	180	80	171	25	1	12.99	10.201	661.01	73.45	7.13	114.71	21.48	2.97	2.66
	4	180	80	170	25	1	14.75	11.582	745.37	82.82	7.11	128.25	24.02	2.95	2.66
200.80	2	200	80	194	25	1	7.97	6.257	501.58	50.16	7.93	72.45	13.25	3.01	2.53
	2.5	200	80	193	25	1	9.9	7.774	619.18	61.92	7.91	88.64	16.21	2.99	2.53
	3	200	80	192	25	1	11.81	9.272	733.75	73.38	7.88	104.09	19.04	2.97	2.53
	3.5	200	80	191	25	1	13.69	10.75	845.31	84.53	7.86	118.82	21.74	2.95	2.53
	4	200	80	190	25	1	15.55	12.21	953.9	95.39	7.83	132.86	24.31	2.92	2.53
250.80	2	250	80	244	25	1	8.97	7.042	844.29	67.54	9.7	77.71	13.54	2.94	2.26
	2.5	250	80	243	25	1	11.15	8.755	1,043.73	83.5	9.67	95.08	16.57	2.92	2.26
	3	250	80	242	25	1	13.31	10.449	1,238.60	99.09	9.65	111.66	19.47	2.9	2.26
	4	250	80	240	25	1	17.55	13.78	1,614.82	129.19	9.59	142.54	24.87	2.85	2.27
250.100	2	250	100	244	30	1	9.97	7.827	986.32	78.91	9.95	141.92	20.67	3.77	3.13
	2.5	250	100	243	30	1	12.4	9.737	1,220.65	97.65	9.92	174.36	25.39	3.75	3.13
	3	250	100	242	30	1	14.81	11.627	1,450.16	116.01	9.89	205.63	29.95	3.73	3.13
	4	250	100	240	30	1	19.55	15.35	1,894.94	151.6	9.84	264.77	38.56	3.68	3.13
300.100	2	300	100	294	40	1	11.37	8.926	1,559.71	103.98	11.71	169.43	24.57	3.86	3.1
	2.5	300	100	293	40	1	14.15	11.11	1,932.65	128.84	11.69	208.4	30.23	3.84	3.11
	3	300	100	292	40	1	16.91	13.275	2,298.90	153.26	11.66	246.06	35.7	3.81	3.11
	4	300	100	290	40	1	22.35	17.548	3,011.55	200.77	11.61	317.56	46.09	3.77	3.11
350.100	2	350	100	344	40	1	12.37	9.711	2,242.81	128.16	13.46	177.73	24.9	3.79	2.86
	2.5	350	100	343	40	1	15.4	12.092	2,781.03	158.92	13.44	218.61	30.63	3.77	2.86
	3	350	100	342	40	1	18.41	14.453	3,310.38	189.16	13.41	258.12	36.18	3.74	2.87
	4	350	100	340	40	1	24.35	19.118	4,342.72	248.16	13.35	333.13	46.73	3.7	2.87
400.100	2	400	100	394	40	1	13.37	10.496	3,080.55	154.03	15.18	184.79	25.16	3.72	2.65
	2.5	400	100	393	40	1	16.65	13.073	3,821.96	191.1	15.15	227.29	30.96	3.69	2.66
	3	400	100	392	40	1	19.91	15.63	4,552.00	227.6	15.12	268.36	36.57	3.67	2.66
	4	400	100	390	40	1	26.35	20.688	5,978.32	298.92	15.06	346.35	47.24	3.63	2.67
500.100	2	500	100	494	40	1	15.37	12.066	5,269.96	210.8	18.52	196.15	25.55	3.57	2.32
	2.5	500	100	493	40	1	19.15	15.035	6,543.93	261.76	18.48	241.25	31.44	3.55	2.33
	3	500	100	492	40	1	22.91	17.985	7,800.67	312.03	18.45	284.83	37.15	3.53	2.33
	4	500	100	490	40	1	30.35	23.828	10,262.78	410.51	18.39	367.57	48.01	3.48	2.34



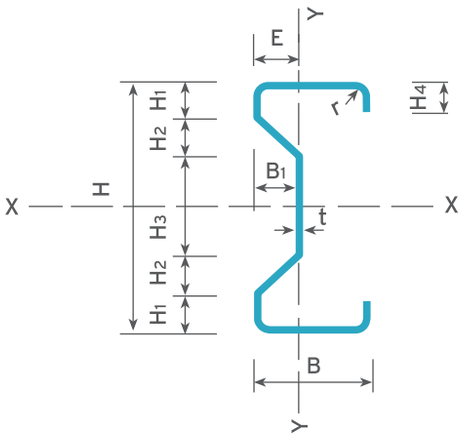


Yapı Profilleri Mukavemet Değerleri
Building Profiles Cross - Section Values

KESİT	BOYUTLAR									F	G	EĞİLME EKSENİ						E
												X - X			Y - Y			
	H	B	t	H_1	H_2	H_3	H_4	B_1	r			Jx	Wx	i_x	Jy	Wy	i_y	
S	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kg/m	cm^4	cm^3	cm	cm^4	cm^3	cm	cm
150.40.1,5	150	40	1.5	30	30	30	20	25	3	4.13	3.24	126.13	16.82	5.53	7.41	3.28	1.34	1.74
150.40.2	150	40	2	30	30	30	20	25	4	5.42	4.25	163.02	21.74	5.49	9.38	4.16	1.32	1.75
150.40.2,5	150	40	2.5	30	30	30	20	25	5	6.67	5.23	197.39	26.32	5.44	11.11	4.95	1.29	1.76
150.40.3	150	40	3	30	30	30	20	25	6	7.87	6.18	229.24	30.57	5.4	12.63	5.65	1.27	1.77
150.40.4	150	40	4	30	30	30	25	25	8	10.55	8.28	296.59	39.55	5.3	16.6	7.77	1.25	1.86
150.50.1,5	150	50	1.5	30	30	30	20	25	3	4.43	3.48	142.67	19.02	5.68	12.04	4.07	1.65	2.04
150.50.2	150	50	2	30	30	30	20	25	4	5.82	4.57	184.93	24.66	5.64	15.28	5.17	1.62	2.05
150.50.2,5	150	50	2.5	30	30	30	20	25	5	7.17	5.63	224.58	29.94	5.6	18.14	6.15	1.59	2.05
150.50.3	150	50	3	30	30	30	20	25	6	8.47	6.65	261.66	34.89	5.56	20.66	7.02	1.56	2.06
150.50.4	150	50	4	30	30	30	25	25	8	11.35	8.91	339.24	45.23	5.47	27.56	9.73	1.56	2.17
150.60.1,5	150	60	1.5	30	30	30	20	25	3	4.73	3.71	159.21	21.23	5.8	18.58	5.11	1.98	2.37
150.60.2	150	60	2	30	30	30	20	25	4	6.22	4.88	206.83	27.58	5.77	23.67	6.52	1.95	2.37
150.60.2,5	150	60	2.5	30	30	30	20	25	5	7.67	6.02	251.78	33.57	5.73	28.23	7.78	1.92	2.37
150.60.3	150	60	3	30	30	30	20	25	6	9.07	7.12	294.08	39.21	5.69	32.28	8.91	1.89	2.38
150.60.4	150	60	4	30	30	30	25	25	8	12.15	9.54	381.88	50.92	5.61	43.44	12.4	1.89	2.5
180.60.1,5	180	60	1.5	30	30	60	20	25	3	5.18	4.07	245.53	27.28	6.89	18.6	5.14	1.9	2.38
180.60.2	180	60	2	30	30	60	20	25	4	6.82	5.35	319.69	35.52	6.85	23.7	6.56	1.86	2.39
180.60.2,5	180	60	2.5	30	30	60	20	25	5	8.42	6.61	390.06	43.34	6.81	28.28	7.85	1.83	2.4
180.60.3	180	60	3	30	30	60	20	25	6	9.97	7.83	456.69	50.74	6.77	32.35	8.99	1.8	2.4
180.60.4	180	60	4	30	30	60	25	25	8	13.35	10.48	597.05	66.34	6.69	43.5	12.48	1.81	2.52
180.70.1,5	180	70	1.5	30	30	60	20	25	3	5.48	4.3	269.42	29.94	7.01	27.24	6.34	2.23	2.7
180.70.2	180	70	2	30	30	60	20	25	4	7.22	5.67	351.37	39.04	6.98	34.84	8.11	2.2	2.71
180.70.2,5	180	70	2.5	30	30	60	20	25	5	8.92	7	429.45	47.72	6.94	41.74	9.73	2.16	2.71
180.70.3	180	70	3	30	30	60	20	25	6	10.57	8.3	503.69	55.97	6.9	47.94	11.18	2.13	2.71
180.70.4	180	70	4	30	30	60	25	25	8	14.15	11.11	659.01	73.22	6.82	64.81	15.56	2.14	2.84
180.80.1,5	180	80	1.5	30	30	60	20	25	3	5.78	4.54	293.32	32.59	7.12	38.3	7.72	2.57	3.04
180.80.2	180	80	2	30	30	60	20	25	4	7.62	5.98	383.06	42.56	7.09	49.16	9.91	2.54	3.04
180.80.2,5	180	80	2.5	30	30	60	20	25	5	9.42	7.39	468.84	52.09	7.06	59.09	11.92	2.51	3.04
180.80.3	180	80	3	30	30	60	20	25	6	11.17	8.77	550.69	61.19	7.02	68.13	13.75	2.47	3.04
180.80.4	180	80	4	30	30	60	25	25	8	14.95	11.74	720.98	80.11	6.94	92.37	19.14	2.49	3.17
200.70.1,5	200	70	1.5	30	30	80	20	25	3	5.78	4.54	345.44	34.54	7.73	27.25	6.33	2.17	2.7
200.70.2	200	70	2	30	30	80	20	25	4	7.62	5.98	451.01	45.1	7.69	34.85	8.1	2.14	2.7
200.70.2,5	200	70	2.5	30	30	80	20	25	5	9.42	7.39	551.85	55.18	7.66	41.74	9.72	2.11	2.7
200.70.3	200	70	3	30	30	80	20	25	6	11.17	8.77	647.99	64.8	7.62	47.94	11.17	2.07	2.71
200.70.4	200	70	4	30	30	80	25	25	8	14.95	11.74	850.38	85.04	7.54	64.83	15.54	2.08	2.83
200.70.5	200	70	5	30	30	80	25	25	10	18.26	14.33	1,016.43	101.64	7.46	74.08	17.8	2.01	2.84
200.80.1,5	200	80	1.5	30	30	80	20	25	3	6.08	4.77	374.99	37.5	7.85	38.36	7.7	2.51	3.02
200.80.2	200	80	2	30	30	80	20	25	4	8.02	6.29	490.21	49.02	7.82	49.23	9.88	2.48	3.02
200.80.2,5	200	80	2.5	30	30	80	20	25	5	9.92	7.78	600.61	60.06	7.78	59.18	11.89	2.44	3.02
200.80.3	200	80	3	30	30	80	20	25	6	11.77	9.24	706.21	70.62	7.75	68.22	13.71	2.41	3.02
200.80.4	200	80	4	30	30	80	25	25	8	15.75	12.36	927.23	92.72	7.67	92.56	19.09	2.42	3.15
200.80.5	200	80	5	30	30	80	25	25	10	19.26	15.12	1,111.51	111.15	7.6	106.6	22.01	2.35	3.16
200.90.1,5	200	90	1.5	30	30	80	20	25	3	6.38	5.01	404.55	40.45	7.96	52.16	9.24	2.86	3.35
200.90.2	200	90	2	30	30	80	20	25	4	8.42	6.61	529.42	52.94	7.93	67.15	11.89	2.82	3.35
200.90.2,5	200	90	2.5	30	30	80	20	25	5	10.42	8.18	649.37	64.94	7.9	80.97	14.34	2.79	3.36
200.90.3	200	90	3	30	30	80	20	25	6	12.37	9.71	764.43	76.44	7.86	93.65	16.59	2.75	3.36
200.90.4	200	90	4	30	30	80	25	25	8	16.55	12.99	1,004.07	100.41	7.79	127.25	23.09	2.77	3.49
200.90.5	200	90	5	30	30	80	25	25	10	20.26	15.9	1,206.59	120.66	7.72	147.61	26.81	2.7	3.49
220.70.1,5	220	70	1.5	30	30	100	20	25	3	6.08	4.77	433.02	39.37	8.44	27.25	6.32	2.12	2.69
220.70.2	220	70	2	30	30	100	20	25	4	8.02	6.29	565.88	51.44	8.4	34.86	8.1	2.08	2.69
220.70.2,5	220	70	2.5	30	30	100	20	25	5	9.92	7.78	693.07	63.01	8.36	41.75	9.71	2.05	2.7
220.70.3	220	70	3	30	30	100	20	25	6	11.77	9.24	814.63	74.06	8.32	47.95	11.17	2.02	2.71
220.70.4	220	70	4	30	30	100	25	25	8	15.75	12.36	1,071.66	97.42	8.25	64.86	15.52	2.03	2.82
220.70.5	220	70	5	30	30	100	25	25	10	19.26	15.12	1,283.66	116.7	8.16	74.11	17.79	1.96	2.83

KESİT	BOYUTLAR									F	G	EĞİLME EKSENİ						E
												X - X			Y - Y			
	H	B	t	H_1	H_2	H_3	H_4	B_1	r			Jx	Wx	i_x	Jy	Wy	i_y	
S	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kg/m	cm^4	cm^3	cm	cm^4	cm^3	cm	cm
220.80.1,5	220	80	1.5	30	30	100	20	25	3	6.38	5.01	468.82	42.62	8.57	38.42	7.68	2.45	2.99
220.80.2	220	80	2	30	30	100	20	25	4	8.42	6.61	613.41	55.76	8.54	49.3	9.86	2.42	3
220.80.2,5	220	80	2.5	30	30	100	20	25	5	10.42	8.18	752.21	68.38	8.5	59.26	11.86	2.39	3
220.80.3	220	80	3	30	30	100	20	25	6	12.37	9.71	885.27	80.48	8.46	68.31	13.68	2.35	3.01
220.80.4	220	80	4	30	30	100	25	25	8	16.55	12.99	1,164.98	105.91	8.39	92.72	19.03	2.37	3.13
220.80.5	220	80	5	30	30	100	25	25	10	20.26	15.9	1,399.24	127.2	8.31	106.78	21.96	2.3	3.14
220.90.1,5	220	90	1.5	30	30	100	20	25	3	6.68	5.24	504.63	45.88	8.69	52.33	9.21	2.8	3.32
220.90.2	220	90	2	30	30	100	20	25	4	8.82	6.92	660.93	60.08	8.66	67.37	11.86	2.76	3.32
220.90.2,5	220	90	2.5	30	30	100	20	25	5	10.92	8.57	811.34	73.76	8.62	81.23	14.3	2.73	3.32
220.90.3	220	90	3	30	30	100	20	25	6	12.97	10.18	955.91	86.9	8.58	93.94	16.55	2.69	3.32
220.90.4	220	90	4	30	30	100	25	25	8	17.35	13.62	1,258.30	114.39	8.52	127.74	23.03	2.71	3.45
220.90.5	220	90	5	30	30	100	25	25	10	21.26	16.69	1,514.83	137.71	8.44	148.16	26.74	2.64	3.46
250.70.1,5	250	70	1.5	50	25	100	20	25	3	6.56	5.15	582.12	46.57	9.42	30.77	6.8	2.16	2.47
250.70.2	250	70	2	50	25	100	20	25	4	8.67	6.8	761.54	60.92	9.37	39.46	8.73	2.13	2.48
250.70.2,5	250	70	2.5	50	25	100	20	25	5	10.72	8.42	933.73	74.7	9.33	47.41	10.5	2.1	2.48
250.70.3	250	70	3	50	25	100	20	25	6	12.74	10	1,098.73	87.9	9.29	54.63	12.11	2.07	2.49
250.70.4	250	70	4	50	25	100	25	25	8	17.03	13.37	1,449.36	115.95	9.22	74.19	16.87	2.09	2.6
250.70.5	250	70	5	50	25	100	25	25	10	20.85	16.37	1,740.25	139.22	9.13	85.4	19.47	2.02	2.61
250.80.1,5	250	80	1.5	50	25	100	20	25	3	6.86	5.39	628.44	50.28	9.57	42.79	8.18	2.5	2.77
250.80.2	250	80	2	50	25	100	20	25	4	9.07	7.12	823.05	65.84	9.53	55.03	10.52	2.46	2.77
250.80.2,5	250	80	2.5	50	25	100	20	25	5	11.22	8.81	1,010.30	80.82	9.49	66.3	12.69	2.43	2.77
250.80.3	250	80	3	50	25	100	20	25	6	13.34	10.47	1,190.25	95.22	9.45	76.62	14.67	2.4	2.78
250.80.4	250	80	4	50	25	100	25	25	8	17.83	14	1,570.40	125.63	9.38	104.33	20.45	2.42	2.9
250.80.5	250	80	5	50	25	100	25	25	10	21.85	17.16	1,890.33	151.23	9.3	120.84	23.72	2.35	2.9
250.90.1,5	250	90	1.5	50	25	100	20	25	3	7.16	5.62	674.75	53.98	9.7	57.71	9.75	2.84	3.08
250.90.2	250	90	2	50	25	100	20	25	4	9.47	7.43	884.56	70.76	9.67	74.41	12.57	2.8	3.08
250.90.2,5	250	90	2.5	50	25	100	20	25	5	11.72	9.2	1,086.88	86.95	9.63	89.9	15.19	2.77	3.08
250.90.3	250	90	3	50	25	100	20	25	6	13.94	10.94	1,281.76	102.54	9.59	104.18	17.61	2.73	3.08
250.90.4	250	90	4	50	25	100	25	25	8	18.63	14.63	1,691.45	135.32	9.53	142.02	24.52	2.76	3.21
250.90.5	250	90	5	50	25	100	25	25	10	22.85	17.94	2,040.41	163.23	9.45	165.45	28.59	2.69	3.21
300.60.1,5	300	60	1.5	50	25	150	20	25	3	7.01	5.51	837.86	55.86	10.93	21.51	5.72	1.75	2.24
300.60.2	300	60	2	50	25	150	20	25	4	9.27	7.27	1,096.68	73.11	10.88	27.54	7.35	1.72	2.25
300.60.2,5	300	60	2.5	50	25	150	20	25	5	11.47	9.01	1,345.34	89.69	10.83	33.03	8.83	1.7	2.26
300.60.3	300	60	3	50	25	150	20	25	6	13.64	10.7	1,583.90	105.59	10.78	38	10.19	1.67	2.27
300.60.4	300	60	4	50	25	150	25	25	8	18.23	14.31	2,095.98	139.73	10.72	51.26	14.12	1.68	2.37
300.60.5	300	60	5	50	25	150	25	25	10	22.35	17.55	2,519.51	167.97	10.62	58.8	16.29	1.62	2.39
300.70.1,5	300	70	1.5	50	25	150	20	25	3	7.31	5.74	904.69	60.31	11.12	30.78	6.82	2.05	2.48
300.70.2	300	70	2	50	25	150	20	25	4	9.67	7.59	1,185.48	79.03	11.07	39.48	8.76	2.02	2.49
300.70.2,5	300	70	2.5	50	25	150	20	25	5	11.97	9.4	1,455.98	97.07	11.03	47.44	10.54	1.99	2.5
300.70.3	300	70	3	50	25	150	20	25	6	14.24	11.18	1,716.22	114.41	10.98	54.68	12.17	1.96	2.51
300.70.4	300	70	4	50	25	150	25	25	8	19.03	14.94	2,271.22	151.41	10.92	74.23	16.92	1.97	2.61
300.70.5	300	70	5	50	25	150	25	25	10	23.35	18.33	2,737.10	182.47	10.83	85.5	19.56	1.91	2.63
300.80.1,5	300	80	1.5	50	25	150	20	25	3	7.61	5.98	971.52	64.77	11.3	42.82	8.15	2.37	2.75
300.80.2	300	80	2	50	25	150	20	25	4	10.07	7.9	1,274.29	84.95	11.25	55.06	10.5	2.34	2.75
300.80.2,5	300	80	2.5	50	25	150	20	25	5	12.47	9.79	1,566.61	104.44	11.21	66.34	12.66	2.31	2.76
300.80.3	300	80	3	50	25	150	20	25	6	14.84	11.65	1,848.54	123.24	11.16	76.66	14.64	2.27	2.76
300.80.4	300	80	4	50	25	150	25	25	8	19.83	15.57	2,446.46	163.1	11.11	104.43	20.38	2.29	2.88
300.80.5	300	80	5	50	25	150	25	25	10	24.35	19.12	2,954.68	196.98	11.01	120.95	23.66	2.23	2.89
350.50.1,5	350	50	1.5	50	25	200	20	25	3	7.46	5.86	1,136.51	64.94	12.34	14.96	5.12	1.42	2.08
350.50.2	350	50	2	50	25	200	20	25	4	9.87	7.74	1,488.03	85.03	12.28	19.17	6.59	1.39	2.09
350.50.2,5	350	50	2.5	50	25	200	20	25	5	12.22	9.59	1,825.98	104.34	12.22	23.03	7.95	1.37	2.1
350.50.3	350	50	3	50	25	200	20	25	6	14.54	11.41	2,150.43	122.88	12.16	26.55	9.22	1.35	2.12
350.50.4	350	50	4	50	25	200	25	25	8	19.43	15.25	2,852.11	162.98	12.11	35.36	12.65	1.35	2.21
350.50.5	350	50	5	50	25	200	25	25	10	23.85	18.73	3,430.71	196.04	11.99	40.72	14.73	1.31	2.24
350.60.1,5	350	60	1.5	50	25	200	20	25	3	7.76	6.1	1,227.60	70.15	12.57	21.59	5.79	1.67	2.27
350.60.2	350	60	2	50	25	200	20	25	4	10.27	8.06	1,609.13	91.95	12.52	27.65	7.44	1.64	2.28
350.60.2,5	350	60	2.5	50	25	200	20	25	5	12.72	9.99	1,976.93	112.97	12.47	33.19	8.96	1.62	2.3
350.60.3	350	60	3	50	25	200	20	25	6	15.14	11.88	2,331.05	133.2	12.41	38.2	10.35	1.59	2.31
350.60.4	350	60	4	50	25	200	25	25	8	20.23	15.88	3,091.55	176.66	12.36	51.48	14.31	1.6	2.4
350.60.5	350	60	5	50	25	200	25	25	10	24.85	19.51	3,728.30	213.05	12.25	59.14	16.55	1.54	2.43
350.70.1,5	350	70	1.5	50	25	200	20	25	3	8.06	6.33	1,318.69	75.35	12.79	30.78	6.83	1.95	2.49
350.70.2	350	70	2	50	25	200	20	25	4	10.67	8.37	1,730.24	98.87	12.74	39.49	8.78	1.92	2.5
350.70.2,5	350	70	2.5	50	25	200	20	25	5	13.22	10.38	2,127.88	121.59	12.69	47.46	10.57	1.89	2.51
350.70.3	350	70	3	50	25	200	20	25	6	15.74	12.35	2,511.67	143.52	12.63	54.72	12.22	1.86	2.52
350.70.4	350	70	4	50	25	200	25	25	8	21.03	16.51	3,330.99	190.34	12.58	74.27	16.96	1.88	2.62
350.70.5	350	70	5	50	25	200	25	25	10	25.85	20.3	4,025.88	230.05	12.48	85.58	19.63	1.82	2.64

Yapı Profilleri Mukavemet Değerleri
Building Profiles Cross - Section Values





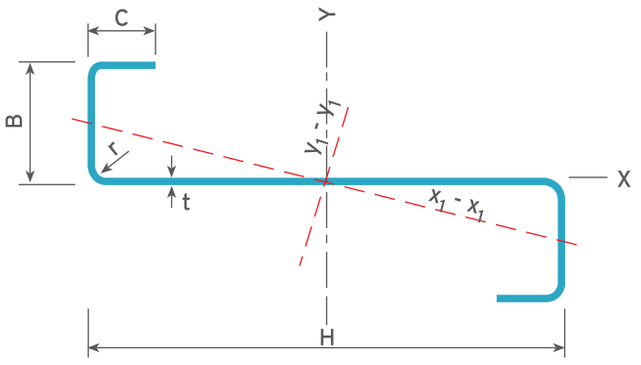
KESİT	BOYUTLAR									F	G	EĞİLME EKSENİ						E
												X - X			Y - Y			
	H	B	t	H_1	H_2	H_3	H_4	B_1	r			Jx	Wx	i_x	Jy	Wy	i_y	
S	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kg/m	cm^4	cm^3	cm	cm^4	cm^3	cm	cm
350.80.1,5	350	80	1.5	50	25	200	20	25	3	8.36	6.57	1,409.78	80.56	12.98	42.84	8.13	2.26	2.73
350.80.2	350	80	2	50	25	200	20	25	4	11.07	8.69	1,851.34	105.79	12.93	55.09	10.47	2.23	2.74
350.80.2,5	350	80	2.5	50	25	200	20	25	5	13.72	10.77	2,278.83	130.22	12.89	66.36	12.63	2.2	2.75
350.80.3	350	80	3	50	25	200	20	25	6	16.34	12.82	2,692.29	153.85	12.84	76.68	14.62	2.17	2.75
350.80.4	350	80	4	50	25	200	25	25	8	21.83	17.14	3,570.44	204.02	12.79	104.51	20.34	2.19	2.86
350.80.5	350	80	5	50	25	200	25	25	10	26.85	21.08	4,323.46	247.06	12.69	121.04	23.62	2.12	2.88
350.90.1,5	350	90	1.5	50	25	200	20	25	3	8.66	6.8	1,500.87	85.76	13.16	58.02	9.66	2.59	2.99
350.90.2	350	90	2	50	25	200	20	25	4	11.47	9	1,972.45	112.71	13.12	74.8	12.46	2.55	3
350.90.2,5	350	90	2.5	50	25	200	20	25	5	14.22	11.16	2,429.77	138.84	13.07	90.34	15.06	2.52	3
350.90.3	350	90	3	50	25	200	20	25	6	16.94	13.3	2,872.91	164.17	13.02	104.67	17.46	2.49	3.01
350.90.4	350	90	4	50	25	200	25	25	8	22.63	17.77	3,809.88	217.71	12.97	142.93	24.3	2.51	3.12
350.90.5	350	90	5	50	25	200	25	25	10	27.85	21.87	4,621.05	264.06	12.88	166.44	28.36	2.44	3.13
350.100.1,5	350	100	1.5	50	25	200	20	25	3	8.96	7.04	1,591.96	90.97	13.33	76.6	11.37	2.92	3.27
350.100.2	350	100	2	50	25	200	20	25	4	11.87	9.31	2,093.55	119.63	13.28	98.98	14.71	2.89	3.27
350.100.2,5	350	100	2.5	50	25	200	20	25	5	14.72	11.56	2,580.72	147.47	13.24	119.83	17.81	2.85	3.27
350.100.3	350	100	3	50	25	200	20	25	6	17.54	13.77	3,053.52	174.49	13.2	139.18	20.7	2.82	3.28
350.100.4	350	100	4	50	25	200	25	25	8	23.43	18.39	4,049.32	231.39	13.15	190.19	28.79	2.85	3.39
350.100.5	350	100	5	50	25	200	25	25	10	28.85	22.65	4,918.63	281.06	13.06	222.64	33.74	2.78	3.4
400.70.1,5	400	70	1.5	50	25	250	20	25	3	8.81	6.92	1,833.50	91.67	14.42	30.79	6.84	1.87	2.5
400.70.2	400	70	2	50	25	250	20	25	4	11.67	9.16	2,408.31	120.42	14.37	39.51	8.8	1.84	2.51
400.70.2,5	400	70	2.5	50	25	250	20	25	5	14.47	11.36	2,965.06	148.25	14.31	47.49	10.6	1.81	2.52
400.70.3	400	70	3	50	25	250	25	25	6	17.54	13.77	3,598.35	179.92	14.32	60.25	13.71	1.85	2.61
400.70.4	400	70	4	50	25	250	25	25	8	23.03	18.08	4,653.67	232.68	14.21	74.31	17	1.8	2.63
400.70.5	400	70	5	50	25	250	25	25	10	28.35	22.26	5,637.85	281.89	14.1	85.66	19.69	1.74	2.65
400.80.1,5	400	80	1.5	50	25	250	20	25	3	9.11	7.15	1,952.60	97.63	14.64	42.86	8.12	2.17	2.72
400.80.2	400	80	2	50	25	250	20	25	4	12.07	9.47	2,566.71	128.34	14.59	55.11	10.45	2.14	2.73
400.80.2,5	400	80	2.5	50	25	250	20	25	5	14.97	11.75	3,162.57	158.13	14.53	66.39	12.61	2.11	2.74
400.80.3	400	80	3	50	25	250	25	25	6	18.14	14.24	3,834.77	191.74	14.54	84.4	16.32	2.16	2.83
400.80.4	400	80	4	50	25	250	25	25	8	23.83	18.71	4,967.32	248.37	14.44	104.59	20.3	2.09	2.85
400.80.5	400	80	5	50	25	250	25	25	10	29.35	23.04	6,027.94	301.4	14.33	121.13	23.59	2.03	2.87
400.90.1,5	400	90	1.5	50	25	250	20	25	3	9.41	7.39	2,071.70	103.58	14.83	58.15	9.62	2.49	2.96
400.90.2	400	90	2	50	25	250	20	25	4	12.47	9.79	2,725.12	136.26	14.79	74.95	12.42	2.45	2.96
400.90.2,5	400	90	2.5	50	25	250	20	25	5	15.47	12.15	3,360.08	168	14.74	90.51	15.01	2.42	2.97
400.90.3	400	90	3	50	25	250	25	25	6	18.74	14.71	4,071.18	203.56	14.74	115.03	19.4	2.48	3.07
400.90.4	400	90	4	50	25	250	25	25	8	24.63	19.34	5,280.96	264.05	14.64	143.28	24.22	2.41	3.09
400.90.5	400	90	5	50	25	250	25	25	10	30.35	23.83	6,418.02	320.9	14.54	166.82	28.27	2.34	3.1
400.100.1,5	400	100	1.5	50	25	250	20	25	3	9.71	7.63	2,190.80	109.54	15.02	76.93	11.33	2.81	3.21
400.100.2	400	100	2	50	25	250	20	25	4	12.87	10.1	2,883.53	144.18	14.97	99.39	14.65	2.78	3.22
400.100.2,5	400	100	2.5	50	25	250	20	25	5	15.97	12.54	3,557.59	177.88	14.92	120.32	17.75	2.74	3.22
400.100.3	400	100	3	50	25	250	25	25	6	19.34	15.18	4,307.60	215.38	14.93	152.69	22.89	2.81	3.33
400.100.4	400	100	4	50	25	250	25	25	8	25.43	19.96	5,594.60	279.73	14.83	191.11	28.69	2.74	3.34
400.100.5	400	100	5	50	25	250	25	25	10	31.35	24.61	6,808.10	340.41	14.74	223.67	33.63	2.67	3.35
450.70.1,5	450	70	1.5	50	25	300	20	25	3	9.56	7.51	2,458.48	109.27	16.03	30.79	6.85	1.79	2.51
450.70.2	450	70	2	50	25	300	20	25	4	12.67	9.94	3,232.20	143.65	15.97	39.52	8.82	1.77	2.52
450.70.2,5	450	70	2.5	50	25	300	20	25	5	15.72	12.34	3,983.16	177.03	15.92	47.5	10.63	1.74	2.53
450.70.3	450	70	3	50	25	300	25	25	6	19.04	14.94	4,834.45	214.86	15.94	60.26	13.73	1.78	2.61
450.70.4	450	70	4	50	25	300	25	25	8	25.03	19.65	6,264.27	278.41	15.82	74.35	17.03	1.72	2.63
450.70.5	450	70	5	50	25	300	25	25	10	30.85	24.22	7,604.26	337.97	15.7	85.74	19.75	1.67	2.66





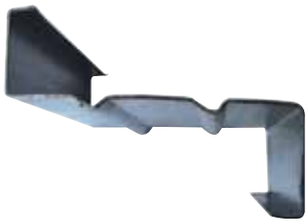
KESİT	BOYUTLAR									F	G	EĞİLME EKSENİ						E
												X - X			Y - Y			
	H	B	t	H_1	H_2	H_3	H_4	B_1	r			Jx	Wx	i_x	Jy	Wy	i_y	
S	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kg/m	cm^4	cm^3	cm	cm^4	cm^3	cm	cm
450.80.1,5	450	80	1.5	50	25	300	20	25	3	9.86	7.74	2,609.34	115.97	16.26	42.87	8.1	2.08	2.71
450.80.2	450	80	2	50	25	300	20	25	4	13.07	10.26	3,432.90	152.57	16.21	55.13	10.44	2.05	2.72
450.80.2,5	450	80	2.5	50	25	300	20	25	5	16.22	12.73	4,233.48	188.15	16.15	66.41	12.6	2.02	2.73
450.80.3	450	80	3	50	25	300	25	25	6	19.64	15.41	5,134.17	228.19	16.17	84.46	16.29	2.07	2.82
450.80.4	450	80	4	50	25	300	25	25	8	25.83	20.28	6,662.11	296.09	16.06	104.65	20.27	2.01	2.84
450.80.5	450	80	5	50	25	300	25	25	10	31.85	25.01	8,099.35	359.97	15.95	121.21	23.56	1.95	2.86
450.90.1,5	450	90	1.5	50	25	300	20	25	3	10.16	7.98	2,760.21	122.68	16.48	58.25	9.6	2.39	2.93
450.90.2	450	90	2	50	25	300	20	25	4	13.47	10.57	3,633.61	161.49	16.43	75.08	12.38	2.36	2.94
450.90.2,5	450	90	2.5	50	25	300	20	25	5	16.72	13.13	4,483.80	199.28	16.37	90.66	14.97	2.33	2.95
450.90.3	450	90	3	50	25	300	25	25	6	20.24	15.89	5,433.89	241.51	16.39	115.29	19.35	2.39	3.04
450.90.4	450	90	4	50	25	300	25	25	8	26.63	20.91	7,059.95	313.78	16.28	143.58	24.16	2.32	3.06
450.90.5	450	90	5	50	25	300	25	25	10	32.85	25.79	8,594.43	381.97	16.17	167.16	28.2	2.26	3.07
450.100.1,5	450	100	1.5	50	25	300	20	25	3	10.46	8.21	2,911.07	129.38	16.68	77.21	11.3	2.72	3.17
450.100.2	450	100	2	50	25	300	20	25	4	13.87	10.88	3,834.31	170.41	16.63	99.75	14.61	2.68	3.17
450.100.2,5	450	100	2.5	50	25	300	20	25	5	17.22	13.52	4,734.12	210.41	16.58	120.74	17.7	2.65	3.18
450.100.3	450	100	3	50	25	300	25	25	6	20.84	16.36	5,733.61	254.83	16.59	153.35	22.82	2.71	3.28
450.100.4	450	100	4	50	25	300	25	25	8	27.43	21.53	7,457.79	331.46	16.49	191.89	28.61	2.64	3.29
450.100.5	450	100	5	50	25	300	25	25	10	33.85	26.58	9,089.51	403.98	16.39	224.55	33.54	2.58	3.31
500.70.1,5	500	70	1.5	50	25	350	20	25	3	10.31	8.1	3,203.02	128.12	17.62	30.8	6.86	1.73	2.51
500.70.2	500	70	2	50	25	350	20	25	4	13.67	10.73	4,214.40	168.58	17.56	39.53	8.83	1.7	2.52
500.70.2,5	500	70	2.5	50	25	350	20	25	5	16.97	13.32	5,197.78	207.91	17.5	47.52	10.65	1.67	2.54
500.70.3	500	70	3	50	25	350	20	25	6	20.24	15.89	6,153.24	246.13	17.44	54.81	12.31	1.65	2.55
500.70.3	500	70	3	50	25	350	25	25	6	20.54	16.12	6,308.51	252.34	17.53	60.28	13.74	1.71	2.61
500.70.4	500	70	4	50	25	350	25	25	8	27.03	21.22	8,187.77	327.51	17.4	74.38	17.05	1.66	2.64
500.70.5	500	70	5	50	25	350	25	25	10	33.35	26.18	9,956.36	398.25	17.28	85.81	19.79	1.6	2.67
500.80.1,5	500	80	1.5	50	25	350	20	25	3	10.61	8.33	3,389.40	135.58	17.87	42.89	8.09	2.01	2.7
500.80.2	500	80	2	50	25	350	20	25	4	14.07	11.04	4,462.41	178.5	17.81	55.14	10.42	1.98	2.71
500.80.2,5	500	80	2.5	50	25	350	20	25	5	17.47	13.72	5,507.17	220.29	17.75	66.43	12.58	1.95	2.72
500.80.3	500	80	3	50	25	350	20	25	6	20.84	16.36	6,523.76	260.95	17.69	76.76	14.57	1.92	2.73
500.80.3	500	80	3	50	25	350	25	25	6	21.14	16.59	6,679.03	267.16	17.78	84.51	16.26	2	2.8
500.80.4	500	80	4	50	25	350	25	25	8	27.83	21.85	8,679.81	347.19	17.66	104.72	20.24	1.94	2.83
500.80.5	500	80	5	50	25	350	25	25	10	34.35	26.97	10,568.94	422.76	17.54	121.29	23.54	1.88	2.85
500.90.1,5	500	90	1.5	50	25	350	20	25	3	10.91	8.57	3,575.77	143.03	18.1	58.34	9.57	2.31	2.91
500.90.2	500	90	2	50	25	350	20	25	4	14.47	11.36	4,710.41	188.42	18.05	75.19	12.35	2.28	2.91
500.90.2,5	500	90	2.5	50	25	350	20	25	5	17.97	14.11	5,816.55	232.66	17.99	90.78	14.94	2.25	2.92
500.90.3	500	90	3	50	25	350	20	25	6	21.44	16.83	6,894.28	275.77	17.93	105.15	17.33	2.21	2.93
500.90.3	500	90	3	50	25	350	25	25	6	21.74	17.06	7,049.55	281.98	18.01	115.52	19.3	2.31	3.01
500.90.4	500	90	4	50	25	350	25	25	8	28.63	22.48	9,171.85	366.87	17.9	143.84	24.1	2.24	3.03
500.90.5	500	90	5	50	25	350	25	25	10	35.35	27.75	11,181.53	447.26	17.78	167.45	28.14	2.18	3.05
500.100.1,5	500	100	1.5	50	25	350	20	25	3	11.21	8.8	3,762.15	150.49	18.32	77.46	11.27	2.63	3.13
500.100.2	500	100	2	50	25	350	20	25	4	14.87	11.67	4,958.42	198.34	18.26	100.06	14.57	2.59	3.13
500.100.2,5	500	100	2.5	50	25	350	20	25	5	18.47	14.5	6,125.94	245.04	18.21	121.1	17.66	2.56	3.14
500.100.3	500	100	3	50	25	350	20	25	6	22.04	17.3	7,264.79	290.59	18.16	140.62	20.52	2.53	3.15
500.100.3	500	100	3	50	25	350	25	25	6	22.34	17.53	7,420.07	296.8	18.23	153.91	22.76	2.63	3.24
500.100.4	500	100	4	50	25	350	25	25	8	29.43	23.1	9,663.90	386.56	18.12	192.57	28.54	2.56	3.25
500.100.5	500	100	5	50	25	350	25	25	10	36.35	28.54	11,794.11	471.76	18.01	225.32	33.47	2.49	3.27
500.110.1,5	500	110	1.5	50	25	350	20	25	3	11.51	9.04	3,948.53	157.94	18.52	100.54	13.17	2.95	3.36
500.110.2	500	110	2	50	25	350	20	25	4	15.27	11.98	5,206.42	208.26	18.47	130.16	17.06	2.92	3.37
500.110.2,5	500	110	2.5	50	25	350	20	25	5	18.97	14.89	6,435.32	257.41	18.42	157.88	20.7	2.88	3.37
500.110.3	500	110	3	50	25	350	20	25	6	22.64	17.77	7,635.31	305.41	18.37	183.74	24.11	2.85	3.38
500.110.3	500	110	3	50	25	350	25	25	6	22.94	18.01	7,790.59	311.62	18.43	200.27	26.62	2.95	3.48
500.110.4	500	110	4	50	25	350	25	25	8	30.23	23.73	10,155.94	406.24	18.33	251.69	33.51	2.89	3.49
500.110.5	500	110	5	50	25	350	25	25	10	37.35	29.32	12,406.69	496.27	18.22	295.89	39.45	2.81	3.5

Z Profilleri Mukavemet Değerleri
Z Profiles Cross - Section Values

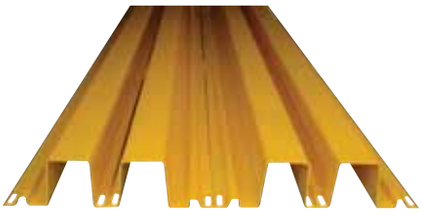


MALZEME KODU	BOYUTLAR					KESİT BİLGİLERİ												ALAN	AĞ.
						X1 - X1 AKSI			Y1 - Y1 AKSI			X - X AKSI			Y - Y AKSI				
	H	B	R	C	t	Ix1	Wx1	Ix1	Iy1	Wy1	Iy1	Ix	Wx	Ix	Iy	Wy	Iy	A	G
	mm	mm	mm	mm	mm	cm^4	cm^3	cm	cm^4	cm^3	cm	cm^4	cm^3	cm	cm^4	cm^3	cm	cm^2	kg/m
öz.zet.30.15.1	30	15	2	10	1	0.168	0.185	0.91	1.23	0.634	1.941	0.51	0.352	1.45	0.89	0.592	1.5	0.72	0.56
öz.zet.30.15.1,5	30	15	3	10	1.5	0.215	0.239	0.898	1.61	0.864	1.866	0.655	0.452	1.45	1.17	0.781	1.5	1.01	0.79
öz.zet.30.15.2	30	15	4	10	2	0.241	0.272	0.885	1.86	1.035	1.793	0.741	0.511	1.45	1.36	0.903	1.5	1.26	0.99
öz.zet.30.20.1	30	220	2	10	1	0.267	0.255	1.046	1.89	0.818	2.311	1.06	0.544	1.95	1.1	0.733	1.5	0.82	0.64
öz.zet.30.20.1,5	30	20	3	10	1.5	0.351	0.339	1.036	2.53	1.134	2.23	1.403	0.719	1.95	1.48	0.983	1.5	1.16	0.91
öz.zet.30.20.2	30	20	4	10	2	0.406	0.396	1.026	2.98	1.387	2.149	1.638	0.84	1.95	1.75	1.165	1.5	1.46	1.15
öz.zet.50.15.1	50	15	2	10	1	0.216	0.233	0.929	3.43	1.251	2.745	0.51	0.352	1.45	3.14	1.256	2.5	0.92	0.72
öz.zet.50.15.1,5	50	15	3	10	1.5	0.279	0.303	0.922	4.66	1.727	2.696	0.656	0.452	1.45	4.28	1.711	2.5	1.31	1.03
öz.zet.50.15.2	50	15	4	10	2	0.316	0.345	0.915	5.57	2.103	2.649	0.742	0.512	1.45	5.14	2.058	2.5	1.66	1.3
öz.zet.50.25.1	50	25	2	10	1	0.612	0.45	1.359	5.61	1.709	3.284	1.883	0.769	2.45	4.34	1.736	2.5	1.12	0.88
öz.zet.50.25.1,5	50	25	3	10	1.5	0.825	0.608	1.357	7.76	2.417	3.211	2.542	1.038	2.45	6.04	2.417	2.5	1.61	1.26
öz.zet.50.25.2	50	25	4	10	2	0.981	0.724	1.355	9.5	3.026	3.139	3.031	1.237	2.45	7.45	2.98	2.5	2.06	1.62
öz.zet.70.20.1	70	20	2	0	1	0.467	0.382	1.222	9	2.319	3.882	1.06	0.544	1.95	8.41	2.403	3.5	1.22	0.95
öz.zet.70.20.1,5	70	20	3	10	1.5	0.621	0.509	1.22	12.54	3.322	3.776	1.404	0.72	1.95	11.76	3.36	3.5	1.76	1.38
öz.zet.70.20.2	70	20	4	10	2	0.729	0.598	1.219	15.48	4.147	3.732	1.641	0.842	1.95	14.56	4.161	3.5	2.26	1.77
öz.zet.70.30.1	70	30	2	10	1	1.11	0.662	1.677	12.71	2.955	4.301	3.03	1.027	2.95	10.79	3.083	3.5	1.42	1.11
öz.zet.70.30.1,5	70	30	3	10	1.5	1.519	0.905	1.679	12.91	3.047	4.236	4.18	1.417	2.95	15.28	4.366	3.5	2.06	1.62
öz.zet.70.30.2	70	30	4	10	2	1.839	1.093	1.682	22.37	5.363	4.171	5.106	1.731	2.95	19.19	5.482	3.5	2.66	2.09
öz.zet.100.30.1,5	100	30	3	10	1.5	1.856	1.018	1.824	38.01	6.94	5.477	4.183	1.418	2.95	35.72	7.144	5	2.51	1.97
öz.zet.100.30.2	100	30	4	10	2	2.254	1.233	1.828	48.06	8.85	5.43	5.106	1.731	2.95	45.29	9.058	5	3.26	2.56
öz.zet.100.30.2,5	100	30	5	15	2.5	3.277	1.803	1.818	61.53	11.359	5.417	7.761	2.631	2.95	57.25	11.449	5	4.22	3.31
öz.zet.100.40.1,5	100	40	3	10	1.5	3.543	1.557	2.276	48.51	8.181	5.929	9.109	2.306	3.95	43	8.599	5	2.81	2.2
öz.zet.100.40.2	100	40	4	10	2	4.379	1.917	2.284	61.69	10.515	5.867	11.321	2.866	3.95	54.9	10.979	5	3.66	2.87
öz.zet.100.40.2,5	100	40	5	15	2.5	6.231	2.723	2.288	79.32	13.537	5.859	16.732	4.236	3.95	69.13	13.826	5	4.72	3.7
öz.zet.120.30.1,5	120	30	3	10	1.5	2.018	1.068	1.89	57.62	9.035	6.377	4.183	1.418	2.95	55.49	9.248	6	2.81	2.2
öz.zet.120.30.2	120	30	4	10	2	2.455	1.296	1.895	73.33	11.567	6.339	5.109	1.732	2.95	70.67	11.778	6	3.66	2.87
öz.zet.120.30.2,5	120	30	5	15	2.5	3.588	1.926	1.863	93.88	14.832	6.33	7.764	2.632	2.95	89.87	14.979	6	4.72	3.7
öz.zet.120.30.3	120	30	6	20	3	4.803	2.579	1.862	114.09	18.081	6.31	10.868	3.684	2.95	108.4	18.067	6	5.83	4.58
öz.zet.120.40.1,5	120	40	3	10	1.5	3.928	1.642	2.392	71.15	10.55	6.744	9.109	2.306	3.95	66.02	11.004	6	3.11	2.44
öz.zet.120.40.2	120	40	4	10	2	4.862	2.027	2.399	90.91	13.585	6.692	11.325	2.867	3.95	84.59	14.099	6	4.06	3.19
öz.zet.120.40.2,5	120	40	5	15	2.5	6.908	2.904	2.379	116.65	17.444	6.687	17.092	4.327	3.95	107.14	17.856	6	5.22	4.1
öz.zet.120.40.3	120	40	6	20	3	9.239	3.862	2.392	142.16	21.474	6.62	23.04	5.833	3.95	128.94	21.49	6	6.43	5.05
öz.zet.150.40.1,5	150	40	3	10	1.5	4.375	1.737	2.518	117.08	14.526	8.06	9.113	2.307	3.95	112.4	14.987	7.5	3.56	2.79
öz.zet.150.40.2	150	40	4	10	2	5.423	2.147	2.526	150.37	18.752	8.019	11.325	2.867	3.95	144.62	19.282	7.5	4.66	3.66
öz.zet.150.40.2,5	150	40	5	15	2.5	7.699	3.104	2.48	192.74	24.042	8.017	16.74	4.238	3.95	184.02	24.536	7.5	5.97	4.68
öz.zet.150.40.3	150	40	6	20	3	10.254	4.163	2.463	235.2	29.378	8.006	23.048	5.835	3.95	222.99	29.732	7.5	7.33	5.76
öz.zet.150.50.1,5	150	50	3	10	1.5	7.368	2.449	3.008	138.3	16.386	8.44	16.805	3.395	4.95	128.94	17.192	7.5	3.86	3.03
öz.zet.150.50.2	150	50	4	10	2	9.235	3.06	3.018	178.2	21.245	8.388	21.132	4.269	4.95	166.52	22.203	7.5	5.06	3.97
öz.zet.150.50.2,5	150	50	5	15	2.5	12.899	4.327	2.981	228.43	27.224	8.391	30.581	6.178	4.95	211.22	28.162	7.5	6.47	5.08
öz.zet.150.50.3	150	50	6	20	3	17.015	5.723	2.973	279.07	33.294	8.382	41.516	8.387	4.95	255.41	34.054	7.5	7.93	6.23
öz.zet.180.50.2	180	50	4	20	2	13.71	4.469	3.068	296.25	30.263	9.789	30.443	6.15	4.95	279.82	31.091	9	6.06	4.76
öz.zet.180.50.2,5	180	50	5	20	2.5	16.306	5.313	3.069	359.74	36.915	9.745	36.313	7.336	4.95	340.28	37.809	9	7.47	5.86
öz.zet.180.50.3	180	50	6	20	3	18.592	6.056	3.07	419.12	43.204	9.701	41.521	8.388	4.95	397.04	44.115	9	8.83	6.93
öz.zet.180.50.4	180	50	8	25	4	25.251	8.241	3.064	546.94	56.578	9.667	57.727	11.662	4.95	514.76	57.195	9	11.8	9.26
öz.zet.180.60.2	180	60	4	20	2	20.522	5.761	3.562	339.47	33.535	10.123	48.903	8.219	5.95	311.5	34.611	9	6.46	5.07
öz.zet.180.60.2,5	180	60	5	20	2.5	24.549	6.886	3.565	413.04	40.734	10.14	58.661	9.859	5.95	379.67	42.186	9	7.97	6.25
öz.zet.180.60.3	180	60	6	20	3	28.159	7.89	3.569	482.22	47.806	10.087	67.479	11.341	5.95	444.03	49.337	9	9.43	7.4
öz.zet.180.60.4	180	60	8	25	4	38.288	10.716	3.573	631.32	62.843	10.046	93.701	15.748	5.95	576.84	64.093	9	12.6	9.89
öz.zet.200.60.2	200	60	4	20	2	21.62	5.938	3.641	426.79	38.63	11.048	48.903	8.219	5.95	399.91	39.991	10	6.86	5.38
öz.zet.200.60.2,5	200	60	5	20	2.5	25.785	7.076	3.644	520.09	47.281	11	58.661	9.859	5.95	488.04	48.804	10	8.47	6.65
öz.zet.200.60.3	200	60	6	20	3	29.69	8.14	3.648	608.2	55.52	10.953	67.48	11.342	5.95	571.5	57.15	10	10.03	7.88
öz.zet.200.60.4	200	60	8	25	4	40.36	11.092	3.639	797.6	73.04	10.92	93.73	15.753	5.95	744.7	74.47	10	13.4	10.52

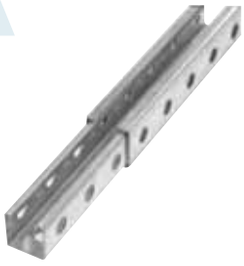




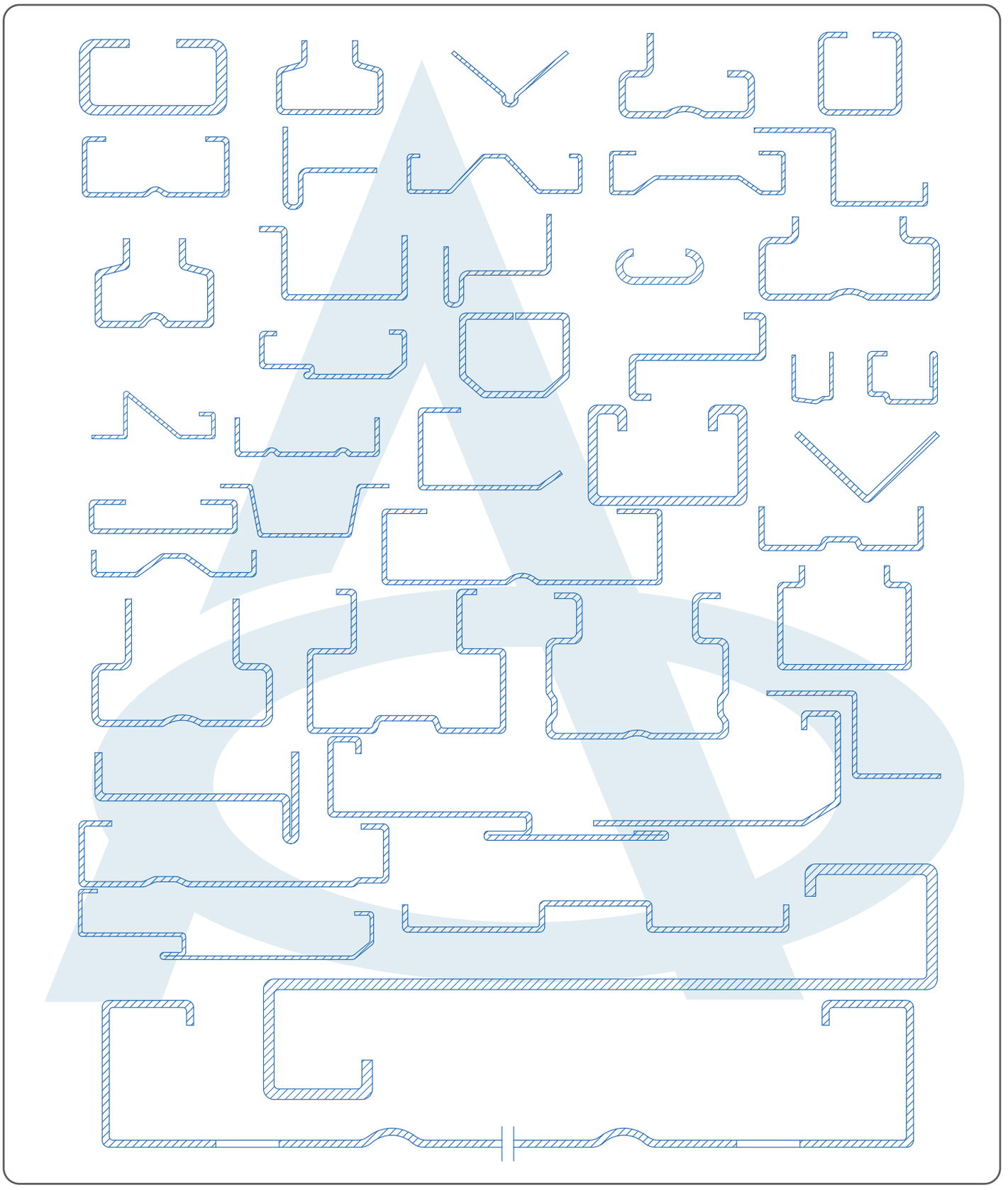
MALZEME KODU	BOYUTLAR					KESİT BİLGİLERİ												ALAN	AĞ.
						X1 - X1 AKSI			Y1 - Y1 AKSI			X - X AKSI			Y - Y AKSI				
	H	B	R	C	t	Ix1	Wx1	Ix1	Iy1	Wy1	Iy1	Ix	Wx	Ix	Iy	Wy	Iy	A	G
	mm	mm	mm	mm	mm	cm^4	cm^3	cm	cm^4	cm^3	cm	cm^4	cm^3	cm	cm^4	cm^3	cm	cm^2	kg/m
öz.zet.200.70.2	200	70	4	20	2	30.41	7.391	4.114	481.5	41.95	11.479	73.36	10.555	6.95	439.1	43.91	10	7.26	5.7
öz.zet.200.70.2,5	200	70	5	20	2.5	36.55	8.873	4.119	587.7	51.44	11.424	88.38	12.717	6.95	536.8	53.68	10	8.97	7.04
öz.zet.200.70.3	200	70	6	20	3	42.13	10.217	4.124	688.3	60.54	11.369	102.14	14.696	6.95	629.7	62.97	10	10.63	8.35
öz.zet.200.70.4	200	70	8	25	4	57.26	13.882	4.125	904.9	79.86	11.33	141.6	20.374	6.95	821.5	82.15	10	14.2	11.14
öz.zet.220.60.2,5	220	60	5	20	2.5	27.05	7.285	3.713	644.2	54.19	11.887	58.67	9.86	5.95	613.3	55.76	11	8.97	7.04
öz.zet.220.60.3	220	60	6	20	3	31.05	8.355	3.717	754.3	63.69	11.844	67.49	11.343	5.95	719	65.37	11	10.63	8.35
öz.zet.220.60.4	220	60	8	25	4	42.21	11.417	3.697	990.1	86.71	11.418	93.75	15.757	5.95	939.5	85.41	11	14.19	11.14
öz.zet.220.60.5	220	60	10	25	5	48.85	13.216	3.696	1182.1	100.94	11.711	109.58	18.417	5.95	1125.1	102.28	11	17.37	13.63
öz.zet.220.70.2,5	220	70	5	20	2.5	38.41	9.117	4.213	721.5	58.82	12.266	88.38	12.717	6.95	672.5	61.13	11	9.47	7.43
öz.zet.220.70.3	220	70	6	20	3	44.3	10.501	4.218	846.1	69.26	12.216	102.14	14.697	6.95	789.7	71.79	11	11.23	8.82
öz.zet.220.70.4	220	70	8	25	4	60.2	14.314	4.206	1113.6	91.4	12.184	141.7	20.389	6.95	1032.7	93.88	11	15	11.77
öz.zet.220.70.5	220	70	10	25	5	70.23	16.691	4.208	1332.4	110.44	12.064	166.83	24.004	6.95	1240.7	112.79	11	18.37	14.42
öz.zet.250.70.2,5	250	70	5	25	2.5	44.39	10.409	4.265	905.3	68.69	13.179	99.9	14.374	6.95	886.3	70.9	12.5	10.22	8.02
öz.zet.250.70.3	250	70	6	25	3	51.36	12.034	4.268	1063.4	80.98	13.132	115.81	16.664	6.95	1042.3	83.38	12.5	12.13	9.52
öz.zet.250.70.4	250	70	8	25	4	64.06	14.86	4.311	1483.9	109.82	13.512	141.68	20.385	6.95	1406.3	112.5	12.5	16.2	12.71
öz.zet.250.70.5	250	70	10	25	5	74.81	17.34	4.314	1781.3	132.91	13.402	166.86	24.009	6.95	1694	135.52	12.5	19.87	15.6
öz.zet.250.80.2,5	250	80	5	25	2.5	59.68	12.559	4.752	1002	73.72	13.592	141.63	17.815	7.95	959.8	76.78	12.5	10.72	8.41
öz.zet.250.80.3	250	80	6	25	3	69.27	14.564	4.756	1178.3	87.03	13.539	164.71	20.718	7.95	1130.1	90.41	12.5	12.73	9.99
öz.zet.250.80.4	250	80	8	25	4	87.2	18.118	4.813	1642.6	118.29	13.886	203.05	25.541	7.95	1527.3	122.18	12.5	17	13.34
öz.zet.250.80.5	250	80	10	25	5	102.47	21.273	4.817	1976.2	143.57	13.765	240.61	30.266	7.95	1844.1	147.53	12.5	20.87	16.38
öz.zet.300.70.3	300	70	6	25	3	55.87	12.642	4.419	1637.6	106.41	15.389	115.82	16.665	6.95	1633.8	108.92	15	13.63	10.7
öz.zet.300.70.4	300	70	8	25	4	69.44	15.57	4.46	2226.8	140.88	15.806	141.74	20.394	6.95	2193.3	146.22	15	18.2	14.28
öz.zet.300.70.5	300	70	10	25	5	81.2	18.194	4.463	2732.6	173.94	15.71	166.92	24.017	6.95	2651.7	176.78	15	22.37	17.56
öz.zet.300.70.6	300	70	12	30	6	100.24	22.679	4.42	3572.7	228.03	15.668	210.85	30.338	6.95	3149.7	209.98	15	26.93	21.14
öz.zet.300.80.3	300	80	6	25	3	75.92	15.341	4.949	1789.6	113.88	15.715	164.72	20.719	7.95	1761.6	117.44	15	14.23	11.17
öz.zet.300.80.4	300	80	8	25	4	95.17	19.041	4.998	2477.1	153.8	16.106	203.13	25.551	7.95	2368.4	157.89	15	19	14.91
öz.zet.300.80.5	300	80	10	25	5	111.97	22.376	5.004	2991.9	187.01	15.999	240.67	30.273	7.95	2869.4	191.29	15	22.37	17.56
öz.zet.300.80.6	300	80	12	30	6	138.11	27.811	4.966	3564.6	223.43	15.954	303.22	38.141	7.95	3409.1	227.27	15	28.13	22.08
öz.zet.300.90.3	300	90	6	25	3	99.28	18.216	5.45	1949.9	121.17	16.092	225.31	25.174	8.95	1889.4	125.96	15	14.83	11.64
öz.zet.300.90.4	300	90	8	25	4	125.35	22.754	5.509	2697.9	163.95	16.456	279.61	31.241	8.95	2543.6	169.57	15	19.8	15.54
öz.zet.300.90.5	300	90	10	25	5	148.21	26.869	5.516	3264.1	199.76	16.34	332.92	37.198	8.95	3086.9	205.79	15	24.37	19.13
öz.zet.300.90.6	300	90	12	30	6	182.61	33.299	5.484	3892.5	238.94	16.291	418.4	46.749	8.95	3668.4	244.56	15	29.33	23.02
öz.zet.350.80.4	350	80	8	30	4	112.41	22.08	5.091	3661.3	198.82	18.415	229.48	28.866	7.95	3548.7	202.78	17.5	21.44	16.83
öz.zet.350.80.5	350	80	10	30	5	131.74	25.842	5.098	4426.4	241.27	18.346	269.58	33.91	7.95	4295.4	245.45	17.5	26.37	20.7
öz.zet.350.80.6	350	80	12	30	6	147.85	28.956	5.106	5133	280.83	18.278	303.32	38.153	7.95	4987.2	284.98	17.5	31.13	24.44
öz.zet.350.90.4	350	90	8	30	4	147.77	26.224	5.635	3948.3	210.99	18.713	313.29	35.005	8.95	3788.1	216.46	17.5	22.24	17.45
öz.zet.350.90.5	350	90	10	30	5	174.05	30.838	5.644	4780.5	256.55	18.634	369.9	41.33	8.95	4592.9	262.45	17.5	27.37	21.48
öz.zet.350.90.6	350	90	12	30	6	196.38	34.739	5.653	5552.5	299.23	18.556	418.49	46.759	8.95	5342.1	305.26	17.5	32.33	25.38



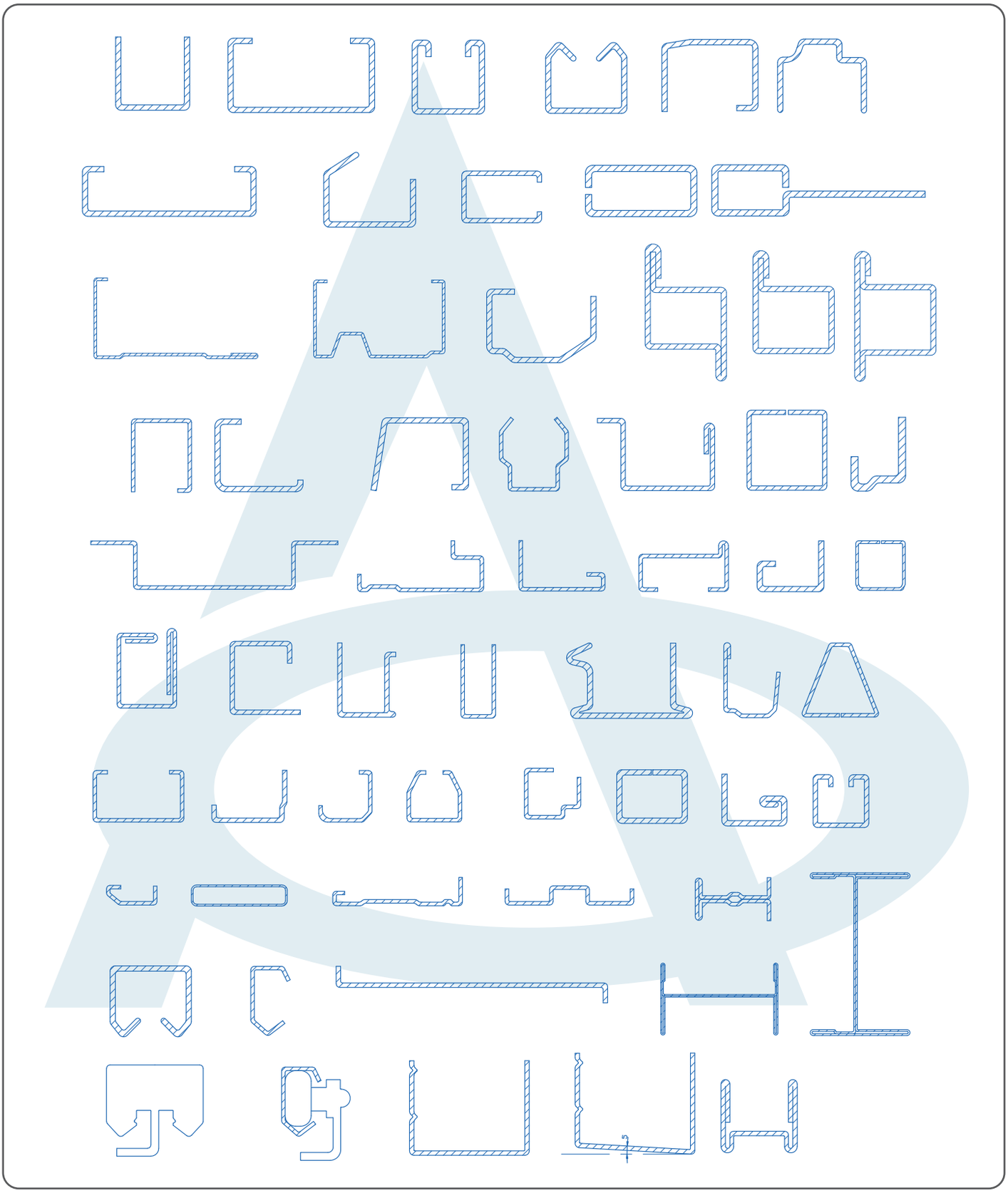


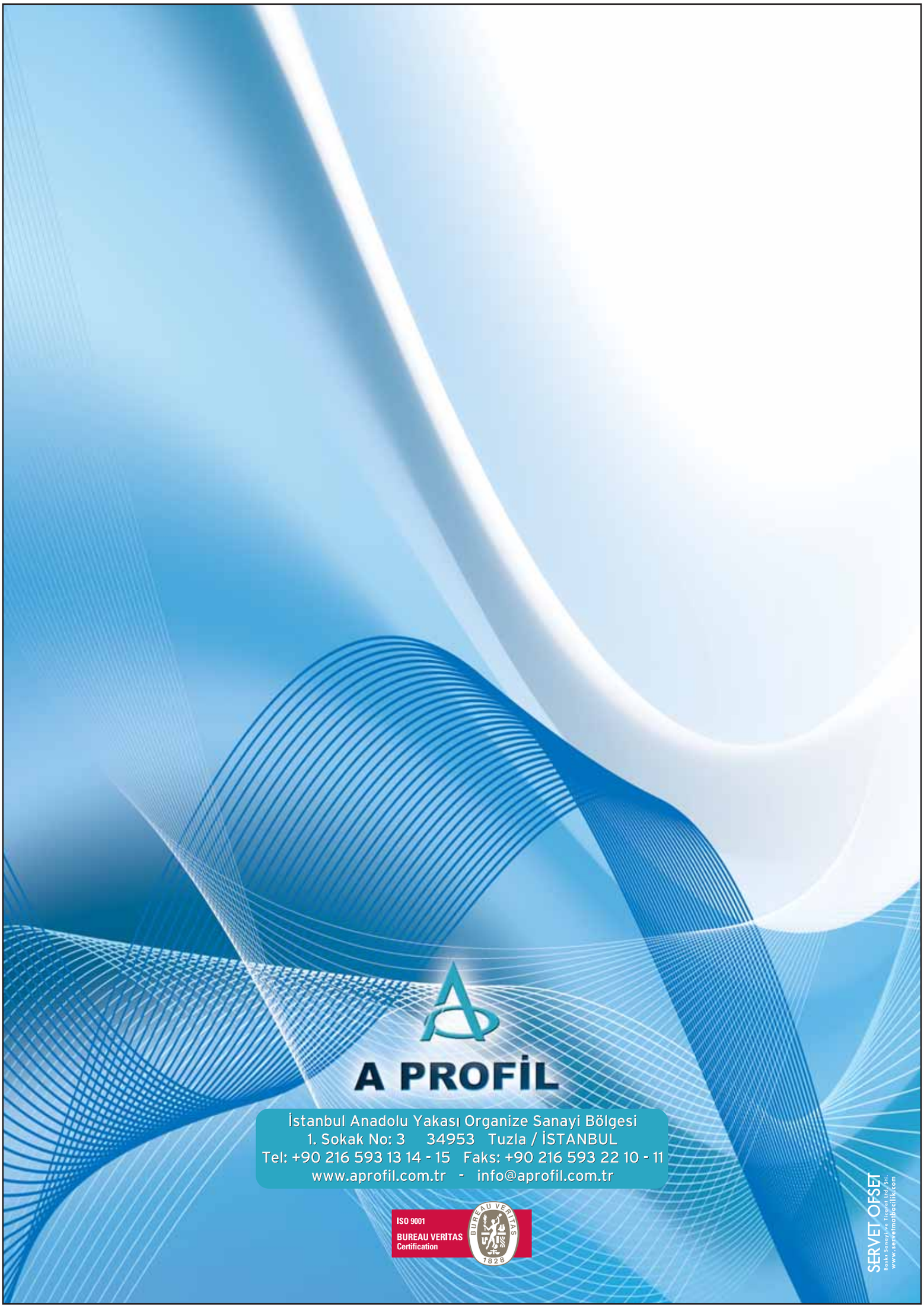


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