

Dikdörtgen Kesitli Yapı Profilleri

Rectangular Structural Welded Tubes

Ağırlıklar-Ebatlar ve Kesit Değerleri / Nominal Dimensions and Sectional Properties

EN 10219-2

Ebat / Size		Kalınlıklar Thickness	Ağırlıklar Mass per unit length	Kesit alanı Cross sectional area	Atalet momentleri Second moment of area		Atalet yarı çapları Radius of gyration		Elastik şekil verme modülleri Elastic section modulus		Plastik şekil verme modülleri Plastic section modulus		Burulma momenti sabitli Torsional inertia	Burulma modülü sabitli Torsional modulus	Kaplama alan/metre Superficial area per metre	Bir ton uzunluğu Nominal length per tonne
AxB		T	M	A	I _{xx}	I _{yy}	ix	iy	W _{elxx}	W _{elyy}	W _{plx}	W _{ply}	I _t	C _t	A _s	
mm	mm	mm	kg/m	cm ²	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³	cm ⁴	cm ³	m ² /m	m
100	80	6.0	15.1	19.2	258	182	3.67	3.08	51.7	45.5	63.8	54.7	357	73.0	0.339	66.2
100	80	6.3	15.5	19.7	259	183	3.62	3.04	51.8	45.7	64.6	55.4	371	75.0	0.333	64.6
120	60	2.5	6.7	8.6	161	55.2	4.33	2.53	26.9	18.4	33.2	20.6	133	31.7	0.351	148
120	60	3.0	8.0	10.2	189	64.4	4.30	2.51	31.5	21.5	39.2	24.2	156	37.1	0.350	125
120	60	4.0	10.5	13.3	241	81.2	4.25	2.47	40.1	27.1	50.5	31.1	201	47.0	0.346	95.4
120	60	5.0	12.8	16.4	287	96.0	4.19	2.42	47.8	32.0	60.9	37.4	242	55.8	0.343	77.9
120	60	6.0	15.1	19.2	328	109	4.13	2.38	54.7	36.3	70.6	43.1	280	63.6	0.339	66.2
120	60	6.3	15.5	19.7	327	109	4.07	2.35	54.5	36.4	71.2	43.7	289	65.1	0.333	64.6
120	60	8.0	18.9	24.0	375	124	3.95	2.27	62.6	41.3	84.1	51.3	340	75.0	0.326	53.0
120	80	3.0	8.96	11.4	230	123	4.49	3.29	38.4	30.9	46.2	35.0	255	50.8	0.390	112
120	80	4.0	11.7	14.9	295	157	4.44	3.24	49.1	39.3	59.8	45.2	331	64.9	0.386	85.2
120	80	5.0	14.4	18.4	353	188	4.39	3.20	58.9	46.9	72.4	54.7	402	77.8	0.383	69.4
120	80	6.0	17.0	21.6	406	215	4.33	3.15	67.7	53.8	84.3	63.5	469	89.4	0.379	58.9
120	80	6.3	17.5	22.2	408	217	4.28	3.12	68.1	54.3	85.6	64.7	488	92.1	0.373	57.3
120	80	8.0	21.4	27.2	476	252	4.18	3.04	79.3	62.9	102	76.9	584	108	0.366	46.8
140	80	4.0	13.0	16.5	430	180	5.10	3.30	61.4	45.1	75.5	51.3	412	76.5	0.426	77.0
140	80	5.0	16.0	20.4	517	216	5.04	3.26	73.9	54.0	91.8	62.2	501	91.8	0.423	62.6
140	80	6.0	18.9	24.0	597	248	4.98	3.21	85.3	62.0	107.0	72.4	584	106	0.419	53.0
140	80	6.3	19.4	24.8	603	251	4.93	3.19	86.1	62.9	109	74.0	609	109	0.413	51.4
140	80	8.0	23.9	30.4	708	293	4.82	3.10	101	73.3	131	88.4	731	129	0.406	41.8
150	100	4.0	14.9	18.9	595	319	5.60	4.10	79.3	63.7	95.7	72.5	662	105	0.486	67.2
150	100	5.0	18.3	23.4	719	384	5.55	4.05	95.9	76.8	117	88.3	809	127.0	0.483	54.5
150	100	6.0	21.7	27.6	835	444	5.50	4.01	111	88.8	137	103	948	147	0.479	46.1
150	100	6.3	22.4	28.5	848	453	5.45	3.98	113	90.5	140	106	992	152	0.473	44.6
150	100	8.0	27.7	35.2	1008	536	5.35	3.90	134	107	169	128	1206	182	0.466	36.1
160	80	4.0	14.2	18.1	598	204	5.74	3.35	74.7	50.9	92.9	57.4	494	88.0	0.466	70.2
160	80	5.0	17.5	22.4	722	244	5.68	3.30	90.2	61.0	113	69.7	601	106	0.463	57.0
160	80	6.0	20.7	26.4	836	281	5.62	3.26	105	70.2	132	81.3	702	122	0.459	48.2
160	80	6.3	21.4	27.3	846	286	5.57	3.24	106	71.4	135	83.3	732	126	0.453	46.7
160	80	8.0	26.4	33.6	1001	335	5.46	3.16	125	83.7	163	100	882	150	0.446	37.9
180	100	4.0	16.8	21.3	926	374	6.59	4.18	103	74.8	126	84.0	854	127	0.546	59.7
180	100	5.0	20.7	26.4	1124	452	6.53	4.14	125	90.4	154	103	1045	154	0.543	48.3
180	100	6.0	24.5	31.2	1310	524	6.48	4.10	146	105	181	120	1227	179	0.539	40.8
180	100	6.3	25.4	32.3	1335	536	6.43	4.07	148	107	186	124	1283	185	0.533	39.4
180	100	8.0	31.4	40.0	1598	637	6.32	3.99	178	127	226	150	1565	222	0.526	31.8
200	100	4.0	18.0	22.9	1200	411	7.23	4.23	120	82.2	148	91.7	985	142	0.586	55.5
200	100	5.0	22.3	28.4	1459	497	7.17	4.19	146	99.4	181	112	1206	172	0.583	44.9
200	100	6.0	26.4	33.6	1703	577	7.12	4.14	170	115	213	132	1417	200	0.579	37.9
200	100	6.3	27.4	34.8	1739	591	7.06	4.12	174	118	219	135	1483	208	0.573	36.6
200	100	8.0	33.9	43.2	2091	705	6.95	4.04	209	141	267	165	1811	250	0.566	29.5
200	120	4.0	19.3	24.5	1353	618	7.43	5.02	135	103	164	115	1345	172	0.626	51.9
200	120	5.0	23.8	30.4	1649	750	7.37	4.97	165	125	201	141	1652	210	0.623	42.0
200	120	6.0	28.3	36.0	1929	874	7.32	4.93	193	146	237	166	1947	245	0.619	35.4
200	120	6.3	29.3	37.4	1976	898	7.27	4.90	198	150	244	172	2040	255	0.613	34.1
200	120	8.0	36.5	46.4	2386	1079	7.17	4.82	239	180	298	209	2507	308	0.606	27.4

