


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O					
1	IPE Profilleri																			
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10	Kısa İşaret IPE	Ağırlık G kg/m	Boyutlar						Kesit Alanı F cm ²	Toplam Yüzey Alanı S m ² /m	1) Eğme Eksenleri İçin						3) S _x cm ³	4) S _x cm		
11			h tolerans	b tolerans	s tolerans	t tolerans	r	I _x cm ⁴			x-x W _x cm	I _x cm	I _y cm ⁴	y-y W _y cm ³	I _y cm					
12	±2.0	±2.0							±0.5	±1.0						7	10.3	0.400	171	34.2
13																				
14																				
15																				
16																				
17	80	6.0	80		46	3.8		5.2		5	7.64	0.328	80.1	20.0	3.24	8.49	3.69	1.05	11.6	6.90
18	100	8.1	100	±2.0	55	4.1	±0.5	5.7	±1.0	7	10.3	0.400	171	34.2	4.07	15.9	5.79	1.24	19.7	8.68
19	120	10.4	120		64	4.4		6.3		7	13.2	0.475	318	53.0	4.90	27.7	8.65	1.45	30.4	10.5
20	140	12.9	140	±3.0	73	4.7		6.9		7	16.4	0.551	541	77.3	5.74	44.9	12.3	1.65	44.2	12.3
21	160	15.8	160	-2.0	82	5.0		7.4		9	20.1	0.623	869	109	6.58	68.3	16.7	1.84	61.9	14.0
22	180	18.8	180		91	5.3	±0.75	8.0	±1.5	9	23.9	0.698	1320	146	7.42	101	22.2	2.05	83.2	15.8
23	200	22.4	200		100	5.6		8.5		12	28.5	0.768	1940	194	8.26	142	28.5	2.24	110	17.6
24	220	26.2	220		110	5.9		9.2		12	33.4	0.848	2770	252	9.11	205	37.3	2.48	143	19.4
25	240	30.7	240		120	6.2		9.8		12	39.1	0.922	3890	324	9.97	284	47.3	2.69	183	21.2
26	270	36.1	270		135	6.6		10.2		15	45.9	1.04	5790	429	11.2	420	62.2	3.02	242	23.9
27	300	42.2	300	±3.0	150	7.1	±3.0	10.7		15	53.8	1.16	8360	557	12.5	604	80.5	3.35	314	26.6
28	330	49.1	330		160	7.5		11.5		18	62.6	1.25	11770	713	13.7	788	98.5	3.55	402	29.3
29	360	57.1	360		170	8.0		12.7		18	72.7	1.35	16270	904	15.0	1040	123	3.79	510	31.9
30	400	66.3	400		180	8.6	±1.0	13.5	±2.0	21	84.5	1.47	23130	1160	16.5	1320	146	3.95	654	35.4
31	450	77.6	450	±4.0	190	9.4		14.6		21	98.8	1.61	33740	1500	18.5	1680	176	4.12	851	39.7
32	500	90.7	500		200	10.2		16.0		21	116	1.74	48200	1930	20.4	2140	214	4.31	1100	43.9
33	550	106	550	±5.0	210	11.1		17.2		24	134	1.88	67120	2440	22.3	2670	254	4.45	1390	48.2
34	600	122	600		220	12.0		19.0		24	156	2.01	92080	3070	24.3	3390	308	4.66	1760	52.4