



Profile	Weight per meter kg/m	Depth d	Flange Width b _f	Flange Thickness t _f	Web Thickness t _w	Root Radius r ₁	Gross Area of Section A _g	Properties X axis				Properties Y axis				Torsion Constant J	Warping Constant I _w
								x - axis				y - axis					
								I _x	Z _x	S _x	r _x	I _y	Z _y	S _y	r _y		
100UC/14	14.8	100	100	8	6	10	2100	3.18	73.8	84.1	41.8	1.34	26.7	40.8	25.2	40.2	2.82
150UB/14	14.3	150	75	7	5	8.9	1730	6.42	85.6	98.2	60.9	0.493	13.16	20.54	16.9	22.8	2.51
125UC/24	23.8	125	125	9	6.5	8.9	2945	8.25	131.9	149.1	52.9	2.93	46.9	71.4	31.5	70.5	9.8
150UC/23	23.4	152	152	6.8	6.1	8.9	2980	12.6	166	184	65.1	3.98	52.4	80.2	36.6	50.2	21.1
150UC/31	31.9	150	150	10	7	8.9	3910	16	213	239	64	5.63	75.1	114.1	38	114.8	27.6
200UB/18	18.2	198	99	7	4.5	8.9	2214	15	151	170	82	1.13	22.9	35.2	22.6	28.2	10.3
250UB/25	25.7	248	124	8	5	12	3270	35.4	285	319	104	2.55	41.1	63.6	27.9	67.4	36.7
200UC/50	50.5	200	200	12	8	11.4	6208	46.1	461	513	86	16	160	242	50	260	141
300UB/32	32.6	298	149	8	5.5	12	3935	60.4	405	455	124	4.41	59	90	33.5	66.5	92.7
250UC/72	72	250	250	14	9	14	8998	112	846	936	109	36.47	292	442	64	511	507

Profile	kg/m	d	b _f	t _f	t _w	r ₁	A _g	x - axis				y - axis				J	I _w
								I _x	Z _x	S _x	r _x	I _y	Z _y	S _y	r _y		
100PFC/9	9.0	100	48	5.3	5.3	8	1003	1.74	30.1	35.68	38.7	0.236	6.65	9.93	15.35	9.4	0.248
125PFC/12	12.3	126	63	6.5	6.5	8	1553	3.71	58.9	69.7	48.86	0.583	12.9	19.5	19.4	21.9	0.967
160PFC/17	17.3	160	63	6.5	6.5	10	1774	6.55	81.85	97.9	60.7	0.63	13.4	21.81	18.8	24.99	1.59
200PFC/22	22.7	200	73	7	7	12	2324	13.27	132.75	159.17	75.58	1.08	19.69	33.23	21.58	37.96	4.23
250PFC/35	35.3	250	82	11	11	12	4312	36.65	293.2	358.5	92.2	2.36	38.26	60.7	23.4	173.9	14.43

Steel Grade and Classification - relates to all sections
 Mechanical Testing to AS1397-2011 for steel grade designation G350
 Mechanical Properties to AS3679 - 300MPa minimum yield strength
 Galvanised Coating to AS4680 - 85um minimum coating thickness
 Durability Classification to AS2699.3 - minimum R3 (600g/m coating mass)