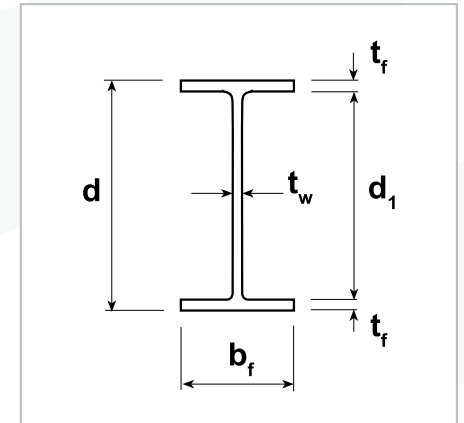
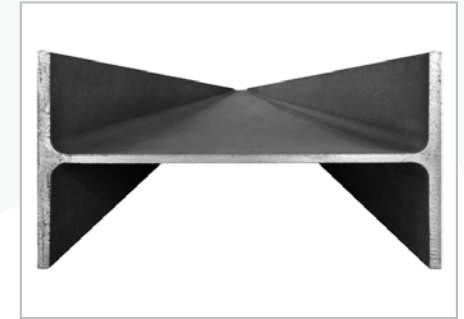


# STRUCTURAL STEEL REFERENCE GUIDE: UNIVERSAL BEAMS

Designation	Weight	Surface Area	Depth of Section d	Width of Flange b <sub>f</sub>	Thickness of Flange t <sub>f</sub>	Web Thickness t <sub>w</sub>	Depth between Flanges d <sub>1</sub>
	kg/m	m <sup>2</sup> /m	mm	mm	mm	mm	mm
610	125.0	2.090	612	229	19.6	11.9	572
	113.0	2.080	607	228	17.3	11.2	572
	101.0	2.070	602	228	14.8	10.6	572
530	92.4	1.860	533	209	15.6	10.2	502
	82.0	1.850	528	209	13.2	9.6	502
460	82.1	1.650	460	191	16.0	9.9	428
	74.6	1.640	457	190	14.5	9.1	428
	67.1	1.630	454	190	12.7	8.5	428
410	59.7	1.490	406	178	12.8	7.8	381
	53.7	1.480	403	178	10.9	7.6	381
360	56.7	1.370	359	172	13.0	8.0	333
	50.7	1.360	356	171	11.5	7.3	333
	44.7	1.360	352	171	9.7	6.9	333
310	46.2	1.250	307	166	11.8	6.7	284
	40.4	1.240	304	165	10.2	6.1	284
	32.0	1.160	298	149	8.0	5.5	282
250	37.3	1.070	256	146	10.9	6.4	234
	31.4	1.060	252	146	8.6	6.1	234
	25.7	0.961	248	124	8.0	5.0	232
200	29.8	0.923	207	134	9.6	6.3	188
	25.4	0.915	203	133	7.8	5.8	188
	22.3	0.911	202	133	7.0	5.0	188
	18.2	0.764	198	99	7.0	4.5	184
180	22.2	0.691	179	90	10.0	6.0	159
	18.1	0.685	175	90	8.0	5.0	159
	16.1	0.680	173	90	7.0	4.5	159
150	18.0	0.584	155	75	9.5	6.0	136
	14.0	0.576	150	75	7.0	5.0	136



- Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.
- Grade 350 & 350L0 available on request.
- Non-standard lengths or cut to size on request.
- Typical Whyalla bundle size 4t to 5t.