



煌港  
特鋼  
PEAK KONG  
SPECIAL STEEL

# AUSTRALIAN SIZES

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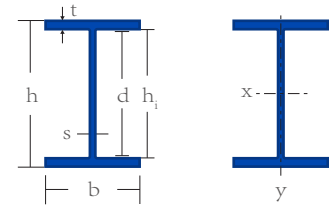
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# 工字鋼 Universal Beams

Profiles are laser fused with full penetration, equivalent to hot rolled. 型材採用激光熔透，等同於熱軋。

符合ASTM A1069, 尺寸公差和等級符合AS/NZS 3679-1, AS/NZS 3679-2

According to ASTM A1069, dimension tolerance and grade according to AS/NZS 3679-1, AS/NZS 3679-2



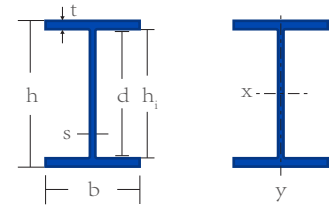
尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
610 UB	125	612	229	11.9	19.6
	113	607	228	11.2	17.3
	101	602	228	10.6	14.8
530 UB	92.4	533	209	10.2	15.6
	82.0	528	209	9.6	13.2
460 UB	82.1	460	191	9.9	16.0
	74.6	457	190	9.1	14.5
	67.1	454	190	8.5	12.7
410 UB	59.7	406	178	7.8	12.8
	53.7	403	178	7.6	10.9
360 UB	56.7	359	172	8.0	13.0
	50.7	356	171	7.3	11.5
	44.7	352	171	6.9	9.7
310 UB	46.2	307	166	6.7	11.8
	40.4	304	165	6.1	10.2
	32.0	298	149	5.5	8.0
250 UB	37.3	256	146	6.4	10.9
	31.4	252	146	6.1	8.6
	25.7	248	124	5.0	8.0
200 UB	29.8	207	134	6.3	9.6
	25.4	203	133	5.8	7.8
	22.3	202	133	5.0	7.0
	18.2	198	99	4.5	7.0
180 UB	22.2	179	90	6.0	10.0
	18.1	175	90	5.0	8.0
	16.1	173	90	4.5	7.0
150 UB	18.0	155	75	6.0	9.5
	14.0	150	75	5.0	7.0

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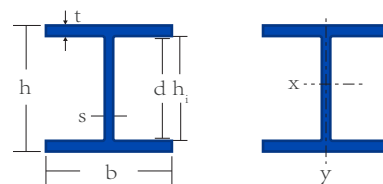
尺寸 Designation	$I_x$	$Z_x$	$S_x$	$r_x$	$I_y$	$Z_y$	$S_y$	$r_y$	J	$I_w$
	mm <sup>4</sup> x 10 <sup>6</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm	mm <sup>4</sup> x 10 <sup>6</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm	mm <sup>4</sup> x 10 <sup>3</sup>	mm <sup>6</sup> x 10 <sup>9</sup>
610 UB	986	3230	3680	249	39.3	343	536	49.6	1560	3450
	875	2880	3290	246	34.3	300	469	48.7	1140	2980
	761	2530	2900	242	29.3	257	402	47.5	790	2530
530 UB	554	2080	2370	217	23.8	228	355	44.9	775	1590
	477	1810	2070	213	20.1	193	301	43.8	526	1330
460 UB	372	1610	1840	188	18.6	195	303	42.2	701	919
	335	1460	1660	188	16.6	175	271	41.8	530	815
	296	1300	1480	186	14.5	153	238	41.2	378	708
410 UB	216	1060	1200	168	12.1	135	209	39.7	337	467
	188	933	1060	165	10.3	115	179	38.6	234	394
360 UB	161	899	1010	149	11.0	128	198	39.0	338	330
	142	798	897	148	9.60	112	173	38.5	241	284
	121	689	777	146	8.10	94.7	146	37.6	161	237
310 UB	100	654	729	130	9.01	109	166	39.0	233	197
	86.4	569	633	129	7.65	92.7	142	38.3	157	165
	63.2	424	475	124	4.42	59.3	91.8	32.9	86.5	92.9
250 UB	55.7	435	486	108	5.66	77.5	119	34.5	158	85.2
	44.5	354	397	105	4.47	61.2	94.2	33.4	89.3	65.9
	35.4	285	319	104	2.55	41.1	63.6	27.9	67.4	36.7
200 UB	29.1	281	316	87.3	3.86	57.5	88.4	31.8	105	37.6
	23.6	232	260	85.4	3.06	46.1	70.9	30.8	62.7	29.2
	21.0	208	231	85.5	2.75	41.3	63.4	31.0	45.0	26.0
	15.8	160	180	82.6	1.14	23.0	35.7	22.1	38.6	10.4
180 UB	15.3	171	195	73.6	1.22	27.1	42.3	20.8	81.6	8.71
	12.1	139	157	72.6	0.975	21.7	33.7	20.6	44.8	6.80
	10.6	123	138	72.0	0.853	19.0	29.4	20.4	31.5	5.88
150 UB	9.05	117	135	62.8	0.672	17.9	28.2	17.1	60.5	3.56
	6.66	88.8	102	61.1	0.495	13.2	20.8	16.6	28.1	2.53

# 工字鋼 (等邊) Universal Columns

Profiles are laser fused with full penetration, equivalent to hot rolled. 型材採用激光熔透，等同於熱軋。

符合ASTM A1069, 尺寸公差和等級符合AS/NZS 3679-1, AS/NZS 3679-2

According to ASTM A1069, dimension tolerance and grade according to AS/NZS 3679-1, AS/NZS 3679-2



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
310 UC	158	327	311	25.0	15.7
	137	321	309	21.7	13.8
	118	315	307	18.7	11.9
	96.8	308	305	15.4	9.9
250 UC	89.5	260	256	17.3	10.5
	72.9	254	254	14.2	8.6
200 UC	59.5	210	205	14.2	9.3
	52.2	206	204	12.5	8.0
	46.2	203	203	11.0	7.3
150 UC	37.2	162	154	11.5	8.1
	30.0	158	153	9.4	6.6
	23.4	152	152	6.8	6.1
100 UC	14.8	97	99	7.0	5.0

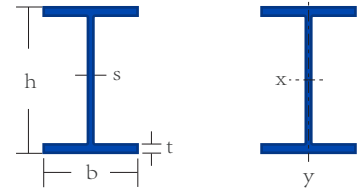
尺寸 Designation	$I_x$	$Z_x$	$S_x$	$r_x$	$I_y$	$Z_y$	$S_y$	$r_y$	J	$I_w$
	$mm^4 \times 10^6$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	mm	$mm^4 \times 10^6$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	mm	$mm^4 \times 10^3$	$mm^6 \times 10^9$
310 UC	388	2370	2680	139	125	807	1230	78.9	3810	2860
	329	2050	2300	137	107	691	1050	78.2	2520	2390
	277	1760	1960	136	90.2	588	893	77.5	1630	1980
	223	1450	1600	134	72.9	478	725	76.7	928	1560
250 UC	143	1100	1230	112	48.4	378	575	65.2	1040	713
	114	897	992	111	38.8	306	463	64.5	586	557
200 UC	61.3	584	656	89.7	20.4	199	303	51.7	477	195
	52.8	512	570	89.1	17.7	174	264	51.5	325	166
	45.9	451	500	88.2	15.3	151	230	51.0	228	142
150 UC	22.2	274	310	68.4	7.01	91.0	139	38.5	197	39.6
	17.6	223	250	67.5	5.62	73.4	112	38.1	109	30.8
	12.6	166	184	65.1	3.98	52.4	80.2	36.6	50.2	21.1
100 UC	3.18	65.6	74.4	41.1	1.14	22.9	35.2	24.5	34.9	2.30

# 焊接工字鋼 Weld Beams

Profiles are laser fused with full penetration, equivalent to hot rolled. 型材採用激光熔透，等同於熱軋。

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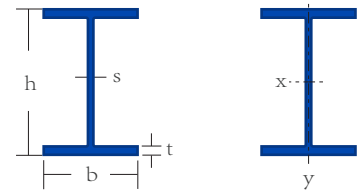
尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
1200WB	455	1200	500	16	40
	423	1192	500	16	36
	392	1184	500	16	32
	342	1184	400	16	32
	317	1176	400	16	28
	278	1170	350	16	25
	249	1170	275	16	25
1000WB	322	1024	400	16	32
	296	1016	400	16	28
	258	1010	350	16	25
	215	1000	300	16	20
900WB	282	924	400	12	32
	257	916	400	12	28
	218	910	350	12	25
	175	900	300	12	20
800WB	192	816	300	10	28
	168	810	275	10	25
	146	800	275	10	20
	122	792	250	10	16
700WB	173	716	275	10	28
	150	710	250	10	25
	130	700	250	10	20
	115	692	250	10	16

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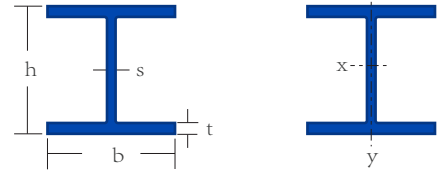
尺寸 Designation	$I_x$	$Z_x$	$S_x$	$r_x$	$I_y$	$Z_y$	$S_y$	$r_y$	J	$I_w$
	$\text{mm}^4 \times 10^6$	$\text{mm}^3 \times 10^3$	$\text{mm}^3 \times 10^3$	mm	$\text{mm}^4 \times 10^6$	$\text{mm}^3 \times 10^3$	$\text{mm}^3 \times 10^3$	mm	$\text{mm}^4 \times 10^3$	$\text{mm}^6 \times 10^9$
1200WB	15300	25600	28200	515	834	3330	5070	120	22000	280000
	13900	23300	25800	508	750	3000	4570	118	16500	251000
	12500	21100	23400	500	667	2670	4070	116	12100	221000
	10400	17500	19800	488	342	1710	2630	88.6	9960	113000
	9250	15700	17900	479	299	1500	2310	86.1	7230	98500
	7610	13000	15000	464	179	1020	1600	71.1	5090	58700
	6380	10900	12900	449	87.0	633	1020	52.4	4310	28500
1000WB	7480	14600	16400	427	342	1710	2620	91.3	9740	84100
	6650	13100	14800	420	299	1490	2300	89.0	7010	73000
	5430	10700	12300	406	179	1020	1590	73.8	4870	43400
	4060	8120	9570	385	90.3	602	961	57.5	2890	21700
900WB	5730	12400	13600	399	341	1710	2590	97.5	8870	67900
	5050	11000	12200	393	299	1490	2270	95.6	6150	58900
	4060	8930	9960	382	179	1020	1560	80.2	4020	35000
	2960	6580	7500	364	90.1	602	931	63.5	2060	17400
800WB	2970	7290	8060	349	126	1710	1280	71.9	4420	19600
	2480	6140	6840	341	86.7	1490	964	63.7	2990	13400
	2040	5100	5730	331	69.4	1020	775	61.1	1670	10600
	1570	3970	4550	317	41.7	601	519	51.7	921	6280
700WB	2060	5760	6390	306	97.1	840	1080	66.4	4020	11500
	1710	4810	5370	299	65.2	631	798	58.4	2690	7640
	1400	3990	4490	290	52.1	505	642	56.0	1510	6030
	1150	3330	3790	281	41.7	334	516	53.5	888	4770

# 焊接工字鋼(等邊) Weld Columns

Profiles are laser fused with full penetration, equivalent to hot rolled. 型材採用激光熔透，等同於熱軋。

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According to ASTM A1069, dimension tolerance and grade according to AS/NZS 3679-1, AS/NZS 3679-2



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
500WC	440	480	500	40	40
	414	480	500	32	40
	383	472	500	32	36
	340	514	500	25	32
	290	506	500	20	28
	267	500	500	20	25
	228	490	500	20	20
400WC	361	430	400	40	40
	328	430	400	28	40
	303	422	400	28	36
	270	414	400	25	32
	212	400	400	20	25
	181	390	400	20	20
	144	382	400	16	16
350WC	280	355	350	28	40
	258	347	350	28	36
	230	339	350	25	32
	197	331	350	20	28

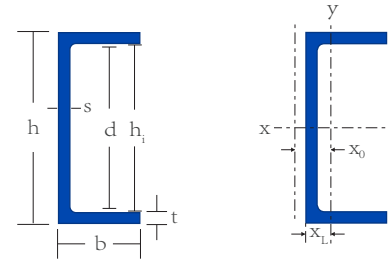
尺寸 Designation	$I_x$	$Z_x$	$S_x$	$r_x$	$I_y$	$Z_y$	$S_y$	$r_y$	J	$I_w$
	$mm^4 \times 10^6$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	mm	$mm^4 \times 10^6$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	mm	$mm^4 \times 10^3$	$mm^6 \times 10^9$
500WC	2150	8980	10400	196	835	3340	5160	122	30100	40400
	2110	8800	10100	200	834	3340	5100	126	25400	40400
	1890	7990	9130	197	751	3000	4600	124	19900	35700
	2050	7980	8980	218	667	2670	4070	124	13100	38800
	1750	6930	7700	218	584	2330	3540	126	8420	33300
	1560	6250	6950	214	521	2080	3170	124	6370	29400
	1260	5130	5710	208	417	1670	2540	120	3880	23000
400WC	1360	6340	7460	172	429	2140	3340	96.5	24800	16300
	1320	6140	7100	178	427	2140	3270	101	19200	16200
	1180	5570	6420	175	385	1920	2950	99.8	14800	14300
	1030	4950	5660	173	342	1710	2610	99.8	10400	12500
	776	3880	4360	169	267	1330	2040	99.4	5060	9380
	620	3180	3570	164	214	1070	1640	96.4	3080	7310
	486	2550	2830	163	171	854	1300	96.3	1580	5720
350WC	747	4210	4940	145	286	1640	2500	89.6	16500	7100
	661	3810	4450	142	258	1470	2260	88.5	12700	6230
	573	3380	3910	140	229	1310	2000	88.4	8960	5400
	486	2940	3350	139	200	1140	1740	89.3	5750	4600

# 槽鋼 Channels

Profiles are laser fused with full penetration, equivalent to hot rolled. 型材採用激光熔透，等同於熱軋。

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According to ASTM A1069, dimension tolerance and grade according to AS/NZS 3679-1, AS/NZS 3679-2



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness	h <sub>1</sub> (mm)	d(mm)
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)		
380PFC	55.2	380	100	10.0	17.5	345	317
300PFC	40.1	300	90	8.0	16.0	268	246
250PFC	35.5	250	90	8.0	15.0	220	196
230PFC	25.1	230	75	6.5	12.0	206	182
200PFC	22.9	200	75	6.0	12.0	176	152
180PFC	20.9	180	75	6.0	11.0	158	134
150PFC	17.7	150	75	6.0	9.5	131	111
125PFC	11.9	125	65	4.7	7.5	110	94.0
100PFC	8.33	100	50	4.2	6.7	86.6	70.6
75PFC	5.92	75	40	3.8	6.1	62.8	46.8

尺寸 Designation	X <sub>L</sub>	X <sub>0</sub>	I <sub>x</sub>	Z <sub>x</sub>	S <sub>x</sub>	I <sub>y</sub>	Z <sub>yR</sub>	Z <sub>yL</sub>	S <sub>y</sub>	J	I <sub>w</sub>
	mm	mm	mm <sup>4</sup> x 10 <sup>6</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>4</sup> x 10 <sup>6</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>4</sup> x 10 <sup>3</sup>	mm <sup>6</sup> x 10 <sup>9</sup>
380PFC	27.5	56.7	152	798	946	6.48	89.4	236	161	491	151
300PFC	27.2	56.1	72.4	483	564	4.04	64.4	148	117	304	58.2
250PFC	28.6	58.5	45.1	361	421	3.64	59.3	127	107	248	35.9
230PFC	22.6	46.7	26.8	233	271	1.76	33.6	77.8	61.0	112	15.0
200PFC	24.4	50.5	19.1	191	221	1.65	32.7	67.8	58.9	105	10.6
180PFC	24.5	50.3	14.1	157	182	1.51	29.9	61.5	53.8	84.5	7.82
150PFC	24.9	51.0	8.34	111	129	1.29	25.7	51.6	46.0	56.6	4.59
125PFC	21.8	45.0	3.97	63.5	73.0	0.658	15.2	30.2	27.2	23.8	1.64
100PFC	16.7	33.9	1.74	34.7	40.3	0.267	8.01	16.0	14.4	13.6	0.424
75PFC	13.7	27.2	0.683	18.2	21.4	0.120	4.56	8.71	8.20	8.42	0.106