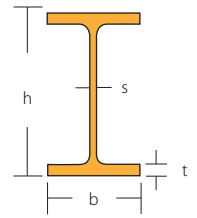


# 工 字 鋼 Universal Beams

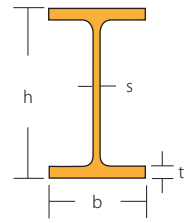


英國標準 British Standard BS 4-1:2005

尺 寸	單位重量	高 度	寬 度	腰 厚	腿 厚
Designation	Mass per unit length kg/m	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
		mm	mm	mm	mm
1016 x 305 x 487*	486.6	1036.1	308.5	30.0	54.1
1016 x 305 x 438*	436.9	1025.9	305.4	26.9	49.0
1016 x 305 x 393*	392.7	1016.0	303.0	24.4	43.9
1016 x 305 x 349*	349.4	1008.1	302.0	21.1	40.0
1016 x 305 x 314*	314.3	1000.0	300.0	19.1	35.9
1016 x 305 x 272*	272.3	990.1	300.0	16.5	31.0
1016 x 305 x 249*	248.7	980.1	300.0	16.5	26.0
1016 x 305 x 222*	222.0	970.3	300.0	16.0	21.1
914 x 419 x 388	388.0	921.0	420.5	21.4	36.6
914 x 419 x 343	343.3	911.8	418.5	19.4	32.0
914 x 305 x 289	289.1	926.6	307.7	19.5	32.0
914 x 305 x 253	253.4	918.4	305.5	17.3	27.9
914 x 305 x 224	224.2	910.4	304.1	15.9	23.9
914 x 305 x 201	200.9	903.0	303.3	15.1	20.2
838 x 292 x 226	226.5	850.9	293.8	16.1	26.8
838 x 292 x 194	193.8	840.7	292.4	14.7	21.7
838 x 292 x 176	175.9	834.9	291.7	14.0	18.8
762 x 267 x 197	196.8	769.8	268.0	15.6	25.4
762 x 267 x 173	173.0	762.2	266.7	14.3	21.6
762 x 267 x 147	146.9	754.0	265.2	12.8	17.5
762 x 267 x 134	133.9	750.0	264.4	12.0	15.5
686 x 254 x 170	170.2	692.9	255.8	14.5	23.7
686 x 254 x 152	152.4	687.5	254.5	13.2	21.0
686 x 254 x 140	140.1	683.5	253.7	12.4	19.0
686 x 254 x 125	125.2	677.9	253.0	11.7	16.2
610 x 305 x 238	238.1	635.8	311.4	18.4	31.4
610 x 305 x 179	179.0	620.2	307.1	14.1	23.6
610 x 305 x 149	149.1	612.4	304.8	11.8	19.7
610 x 229 x 140	139.9	617.2	230.2	13.1	22.1
610 x 229 x 125	125.1	612.2	229.0	11.9	19.6
610 x 229 x 113	113.0	607.6	228.2	11.1	17.3
610 x 229 x 101	101.2	602.6	227.6	10.5	14.8
533 x 210 x 122	122.0	544.5	211.9	12.7	21.3
533 x 210 x 109	109.0	539.5	210.8	11.6	18.8
533 x 210 x 101	101.0	536.7	210.0	10.8	17.4
533 x 210 x 92	92.1	533.1	209.3	10.1	15.6
533 x 210 x 82	82.2	528.3	208.8	9.6	13.2
457 x 191 x 98	98.3	467.2	192.8	11.4	19.6
457 x 191 x 89	89.3	463.4	191.9	10.5	17.7
457 x 191 x 82	82.0	460.0	191.3	9.9	16.0
457 x 191 x 74	74.3	457.0	190.4	9.0	14.5
457 x 191 x 67	67.1	453.4	189.9	8.5	12.7
457 x 152 x 82	82.1	465.8	155.3	10.5	18.9
457 x 152 x 74	74.2	462.0	154.4	9.6	17.0
457 x 152 x 67	67.2	458.0	153.8	9.0	15.0
457 x 152 x 60	59.8	454.6	152.9	8.1	13.3
457 x 152 x 52	52.3	449.8	152.4	7.6	10.9
406 x 178 x 74	74.2	412.8	179.5	9.5	16.0
406 x 178 x 67	67.1	409.4	178.8	8.8	14.3
406 x 178 x 60	60.1	406.4	177.9	7.9	12.8
406 x 178 x 54	54.1	402.6	177.7	7.7	10.9
406 x 140 x 46	46.0	403.2	142.2	6.8	11.2
406 x 140 x 39	39.0	398.0	141.8	6.4	8.6
356 x 171 x 67	67.1	363.4	173.2	9.1	15.7
356 x 171 x 57	57.0	358.0	172.2	8.1	13.0
356 x 171 x 51	51.0	355.0	171.5	7.4	11.5
356 x 171 x 45	45.0	351.4	171.1	7.0	9.7
356 x 127 x 39	39.1	353.4	126.0	6.6	10.7
356 x 127 x 33	33.1	349.0	125.4	6.0	8.5
305 x 165 x 54	54.0	310.4	166.9	7.9	13.7
305 x 165 x 46	46.1	306.6	165.7	6.7	11.8
305 x 165 x 40	40.3	303.4	165.0	6.0	10.2

\*These dimensions are in addition to the range of BS 4 sections, please contact us for availability.

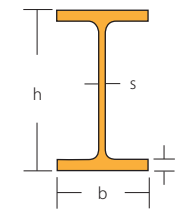
# 工 字 鋼 Universal Beams



英國標準 British Standard BS 4-1:2005

尺 寸	單位重量	高 度	寬 度	腰 厚	腿 厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
305 x 127 x 48	48.1	311.0	125.3	9.0	14.0
305 x 127 x 42	41.9	307.2	124.3	8.0	12.1
305 x 127 x 37	37.0	304.4	123.4	7.1	10.7
305 x 102 x 33	32.8	312.7	102.4	6.6	10.8
305 x 102 x 28	28.2	308.7	101.8	6.0	8.8
305 x 102 x 25	24.8	305.1	101.6	5.8	7.0
254 x 146 x 43	43.0	259.6	147.3	7.2	12.7
254 x 146 x 37	37.0	256.0	146.4	6.3	10.9
254 x 146 x 31	31.1	251.4	146.1	6.0	8.6
254 x 102 x 28	28.3	260.4	102.2	6.3	10.0
254 x 102 x 25	25.2	257.2	101.9	6.0	8.4
254 x 102 x 22	22.0	254.0	101.6	5.7	6.8
203 x 133 x 30	30.0	206.8	133.9	6.4	9.6
203 x 133 x 25	25.1	203.2	133.2	5.7	7.8
203 x 102 x 23	23.1	203.2	101.8	5.4	9.3
178 x 102 x 19	19.0	177.8	101.2	4.8	7.9
152 x 89 x 16	16.0	152.4	88.7	4.5	7.7
127 x 76 x 13	13.0	127.0	76.0	4.0	7.6

# 工 字 鋼 Universal Beams

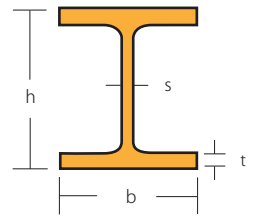


澳紐標準 AS/NZS 3679

尺 寸	單位重量	高 度	寬 度	腰 厚	腿 厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
610 UB	125.0	611.6	229	11.9	19.6
	113.0	607.0	228	11.2	17.3
	101.0	602.0	228	10.6	14.8
530 UB	92.4	533.0	209	10.2	15.6
	82.0	528.2	209	9.6	13.2
460 UB	82.1	460.4	191	9.9	16.0
	74.6	457.4	190	9.1	14.5
410 UB	67.1	453.8	190	8.5	12.7
	59.7	460.4	178	7.8	12.8
360 UB	53.7	402.6	178	7.6	10.9
	56.7	358.6	172	8.0	13.0
310 UB	50.7	355.6	171	7.3	11.5
	44.7	352.0	171	6.9	9.7
250 UB	46.2	307.2	166	6.7	11.8
	40.4	304.0	165	6.1	10.2
200 UB	32.0	298.0	149	5.5	8.0
	37.3	256.2	146	6.4	10.9
180 UB	31.4	251.6	146	6.1	8.6
	25.7	248.0	124	5.0	8.0
150 UB	29.8	207.0	134	6.3	9.6
	25.4	203.2	133	5.8	7.8
120 UB	22.3	201.6	133	5.0	7.0
	18.2	198.0	99	4.5	7.0
90 UB	22.2	179.0	90	6.0	10.0
	18.1	175.0	90	5.0	8.0
60 UB	16.1	173.0	90	4.5	7.0
	18.0	155.0	75	6.0	9.5
40 UB	14.0	150.0	75	5.0	7.0

# 工字鋼(等邊) Universal Columns

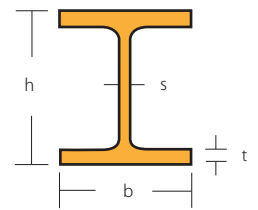
英國標準 British Standard BS 4-1:2005



尺寸	單位重量	高度	寬度	腰厚	腿厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
356 x 406 x 634	633.9	474.6	424.0	47.6	77.0
356 x 406 x 551	551.0	455.6	418.5	42.1	67.5
356 x 406 x 467	467.0	436.6	412.2	35.8	58.0
356 x 406 x 393	393.0	419.0	407.0	30.6	49.2
356 x 406 x 340	339.9	406.4	403.0	26.6	42.9
356 x 406 x 287	287.1	393.6	399.0	22.6	36.5
356 x 406 x 235	235.1	381.0	394.8	18.4	30.2
356 x 368 x 202	201.9	374.6	374.7	16.5	27.0
356 x 368 x 177	177.0	368.2	372.6	14.4	23.8
356 x 368 x 153	152.9	362.0	370.5	12.3	20.7
356 x 368 x 129	129.0	355.6	368.6	10.4	17.5
305 x 305 x 283	282.9	365.3	322.2	26.8	44.1
305 x 305 x 240	240.0	352.5	318.4	23.0	37.7
305 x 305 x 198	198.1	339.9	314.5	19.1	31.4
305 x 305 x 158	158.1	327.1	311.2	15.8	25.0
305 x 305 x 137	136.9	320.5	309.2	13.8	21.7
305 x 305 x 118	117.9	314.5	307.4	12.0	18.7
305 x 305 x 97	96.9	307.9	305.3	9.9	15.4
254 x 254 x 167	167.1	289.1	265.2	19.2	31.7
254 x 254 x 132	132.0	276.3	261.3	15.3	25.3
254 x 254 x 107	107.1	266.7	258.8	12.8	20.5
254 x 254 x 89	88.9	260.3	256.3	10.3	17.3
254 x 254 x 73	73.1	254.1	254.6	8.6	14.2
203 x 203 x 86	86.1	222.2	209.1	12.7	20.5
203 x 203 x 71	71.0	215.8	206.4	10.0	17.3
203 x 203 x 60	60.0	209.6	205.8	9.4	14.2
203 x 203 x 52	52.0	206.2	204.3	7.9	12.5
203 x 203 x 46	46.1	203.2	203.6	7.2	11.0
152 x 152 x 37	37.0	161.8	154.4	8.0	11.5
152 x 152 x 30	30.0	157.6	152.9	6.5	9.4
152 x 152 x 23	23.0	152.4	152.2	5.8	6.8

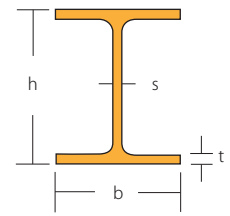
# 工字鋼(等邊) Universal Columns

澳紐標準 AS/NZS 3679



尺寸	單位重量	高度	寬度	腰厚	腿厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
310 UC	158.0	327.2	311	15.7	25.0
	137.0	320.6	309	13.8	21.7
	118.0	314.6	307	11.9	18.7
	96.8	308.0	305	9.9	15.4
250 UC	89.5	260.0	256	10.5	17.3
	72.9	253.8	254	8.6	14.2
200 UC	59.5	209.8	205	9.3	14.2
	52.2	206.4	204	8.0	12.5
	46.2	203.4	203	7.3	11.0
150 UC	37.2	161.8	154	8.1	11.5
	30.0	157.6	153	6.6	9.4
	23.4	152.4	152	6.1	6.8
100 UC	14.8	97.0	99	5.0	7.0

# 工 字 鋼 樁 Universal Bearing Piles

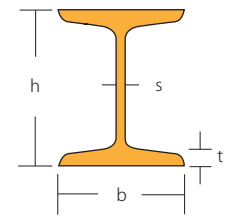


英國標準 British Standard BS 4-1:2005

尺 寸	單位重量	高 度	寬 度	腰 厚	腿 厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
356 x 368 x 174	173.9	361.4	378.5	20.3	20.4
356 x 368 x 152	152.0	356.4	376.0	17.8	17.9
356 x 368 x 133	133.0	352.0	373.8	15.6	15.7
356 x 368 x 109	108.9	346.4	371.0	12.8	12.9
305 x 305 x 223	222.9	337.9	325.7	30.3	30.4
305 x 305 x 186	186.0	328.3	320.9	25.5	25.6
305 x 305 x 180*	180.0	326.7	319.7	24.8	24.8
305 x 305 x 149	149.1	318.5	316.0	20.6	20.7
305 x 305 x 126	126.1	312.3	312.9	17.5	17.6
305 x 305 x 110	110.0	307.9	310.7	15.3	15.4
305 x 305 x 95	94.9	303.7	308.7	13.3	13.3
305 x 305 x 88	88.0	301.7	307.8	12.4	12.3
305 x 305 x 79	78.9	299.3	306.4	11.0	11.1
254 x 254 x 85	85.1	254.3	260.4	14.4	14.3
254 x 254 x 71	71.0	249.7	258.0	12.0	12.0
254 x 254 x 63	63.0	247.1	256.6	10.6	10.7
203 x 203 x 54	53.9	204.0	207.7	11.3	11.4
203 x 203 x 45	44.9	200.2	205.9	9.5	9.5

\*305 x 305 x 180 is not in accordance with BS4 Part 1: 2005

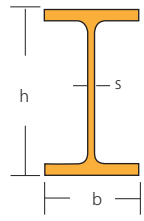
# 工 字 鋼 ( 斜 腳 ) I Sections (Tapered Flange)



日本標準 Japanese Standard JIS G3192

尺 寸	單位重量	高 度	寬 度	腰 厚	腿 厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
300 x 150	76.8	300	150	11.5	22.0
	65.5	300	150	10.0	18.5
	48.3	300	150	8.0	13.0
250 x 125	55.5	250	125	10.0	19.0
	38.3	250	125	7.5	12.5
200 x 150	50.4	200	150	9.0	16.0
200 x 100	26.0	200	100	7.0	10.0
180 x 100	23.6	180	100	6.0	10.0
150 x 125	36.2	150	125	8.5	14.0
150 x 75	17.1	150	75	5.5	9.5
125 x 75	16.1	125	75	5.5	9.5
100 x 75	12.9	100	75	5.0	8.0

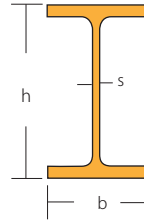
# 工字鋼 ( 歐洲 ) European Sections



歐洲鋼廠標準 European Mill Standard

尺 寸	單位重量	高 度	寬 度	腰 厚	腿 厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
IPE 100	8.10	100.0	55.0	4.1	5.7
IPE <sup>AA</sup> 100	6.72	97.6	55.0	3.6	4.5
IPE 120	10.40	120.0	64.0	4.4	6.3
IPE <sup>AA</sup> 120	8.36	117.0	64.0	3.8	4.8
IPE 160	15.80	160.0	82.0	5.0	7.4

# H 型 鋼 H Sections



日本標準 Japanese Standard JIS G3192

尺 寸	單位重量	高 度	寬 度	腰 厚	腿 厚
Designation	Mass per unit length	Depth of Section	Width of Section	Web Thickness	Flange Thickness
		h	b	s	t
	kg/m	mm	mm	mm	mm
100 x 50	9.3	100	50	5.0	7.0
100 x 100	16.9	100	100	6.0	8.0
125 x 60	13.1	125	60	6.0	8.0
125 x 125	23.6	125	125	6.5	9.0
150 x 75	14.0	150	75	5.0	7.0
150 x 100	20.7	148	100	6.0	9.0
150 x 150	31.1	150	150	7.0	10.0
175 x 90	18.0	175	90	5.0	8.0
175 x 175	40.4	175	175	7.5	11.0
200 x 100	17.8	198	99	4.5	7.0
200 x 150	20.9	200	100	5.5	8.0
200 x 200	49.9	200	200	8.0	12.0
	56.2*	200	204	12.0	12.0
250 x 125	25.1	248	124	5.0	8.0
	29.0	250	125	6.0	9.0
250 x 175	43.6	244	175	7.0	11.0
250 x 250	71.8	250	250	9.0	14.0
	81.6*	250	255	14.0	14.0
300 x 150	32.0	298	149	5.5	8.0
	36.7	300	150	6.5	9.0
300 x 200	55.8	294	200	8.0	12.0
300 x 300	93.0	300	300	10.0	15.0

\*200 x 200 x 56.2 is not in accordance with JIS G3192

\*250 x 250 x 81.6 is not in accordance with JIS G3192