



煌港  
特鋼

PEAK KONG  
SPECIAL STEEL

# BRITISH SIZES

英國標準尺寸



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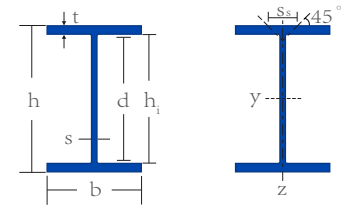
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# 工字鋼 Universal Beams

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

- 尺寸：符合BS 4-1: 1993
- 公差：EN 10034:1993 • 等級：符合BS EN 10025-2:2004
- Dimension: in accordance with BS 4-1: 1993
- Tolerance: EN 10034:1993 • Grade: according to BS EN 10025-2:2004

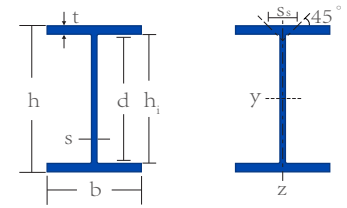


尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness	h <sub>1</sub> (mm)	d(mm)
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)		
UB 127 x 76 x 13	13	127	76	4	7.6	112	96.6
UB 152 x 89 x 16	16	152.4	88.7	4.5	7.7	137	121.8
UB 178 x 102 x 19	19	177.8	101.2	4.8	7.9	162	146.8
UB 203 x 102 x 23	23.1	203.2	101.8	5.4	9.3	184.6	169.4
UB 203 x 133 x 25	25.1	203.2	133.2	5.7	7.8	187.6	172.4
UB 203 x 133 x 31	30	206.8	133.9	6.4	9.6	187.6	172.4
UB 254 x 102 x 22	22	254	101.6	5.7	6.8	240.4	225.2
UB 254 x 102 x 25	25.2	257.2	101.9	6	8.4	240.4	225.2
UB 254 x 102 x 28	28.3	260.4	102.2	6.3	10	240.4	225.2
UB 254 x 146 x 31	31.1	251.4	146.1	6	8.6	234.2	219
UB 254 x 146 x 37	37.0	256	146.4	6.3	10.9	234.2	219
UB 254 x 146 x 43	43.0	259.6	147.3	7.2	12.7	234.2	219
UB 305 x 102 x 25	24.8	305.1	101.6	5.8	7	291.1	275.9
UB 305 x 102 x 28	28.2	308.7	101.8	6	8.8	291.1	275.9
UB 305 x 102 x 33	32.8	312.7	102.4	6.6	10.8	291.1	275.9
UB 305 x 127 x 37	37.0	304.4	123.4	7.1	10.7	283	265.2
UB 305 x 127 x 42	41.9	307.2	124.3	8	12.1	283	265.2
UB 305 x 127 x 48	48.1	311	125.3	9	14	283	265.2
UB 305 x 165 x 40	40.3	303.4	165	6	10.2	283	265.2
UB 305 x 165 x 46	46.1	306.6	165.7	6.7	11.8	283	265.2
UB 305 x 165 x 54	54.0	310.4	166.9	7.9	13.7	283	265.2
UB 356 x 127 x 33	33.1	349	125.4	6	8.5	332	311.6
UB 356 x 127 x 39	39.1	353.4	126	6.6	10.7	332	311.6
UB 356 x 171 x 45	45.0	351.4	171.1	7	9.7	332	311.6
UB 356 x 171 x 51	51.0	355	171.5	7.4	11.5	332	311.6
UB 356 x 171 x 57	57.0	358	172.2	8.1	13	332	311.6
UB 356 x 171 x 67	67.1	363.4	173.2	9.1	15.7	332	311.6
UB 406 x 140 x 39	39.0	398	141.8	6.4	8.6	380.8	360.4
UB 406 x 140 x 46	46.0	403.2	142.2	6.8	11.2	380.8	360.4
UB 406 x 178 x 54	54.1	402.6	177.7	7.7	10.9	380.8	360.4
UB 406 x 178 x 60	60.1	406.4	177.9	7.9	12.8	380.8	360.4
UB 406 x 178 x 67	67.1	409.4	178.8	8.8	14.3	380.8	360.4
UB 406 x 178 x 74	74.2	412.8	179.5	9.5	16	380.8	360.4
UB 457 x 152 x 52	52.3	449.8	152.4	7.6	10.9	428	407.6
UB 457 x 152 x 60	59.8	454.6	152.9	8.1	13.3	428	407.6
UB 457 x 152 x 67	67.2	458	153.8	9	15	428	407.6
UB 457 x 152 x 74	74.2	462	154.4	9.6	17	428	407.6
UB 457 x 152 x 82	82.1	465.8	155.3	10.5	18.9	428	407.6
UB 457 x 191 x 67	67.1	453.4	189.9	8.5	12.7	428	407.6
UB 457 x 191 x 74	74.3	457	190.4	9	14.5	428	407.6
UB 457 x 191 x 82	82.0	460	191.3	9.9	16	428	407.6
UB 457 x 191 x 89	89.3	463.4	191.9	10.5	17.7	428	407.6
UB 457 x 191 x 98	98.3	467.2	192.8	11.4	19.6	428	407.6

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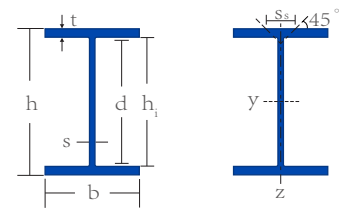


尺寸 Designation	$I_y$	$W_{ely}$	$W_{ply}$	$i_y$	$A_{vz}$	$I_z$	$W_{elz}$	$W_{plz}$	$i_z$	$S_s$	$I_t$	$I_w$
	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	$mm^2 \times 10^2$	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	mm	$mm^4 \times 10^4$	$mm^6 \times 10^9$
UB 127 x 76 x 13	473	74.56	84.15	5.35	6.43	55.74	14.67	22.58	1.84	28.10	2.80	1.98
UB 152 x 89 x 16	834	109.5	123.3	6.41	8.18	89.75	20.24	31.18	2.10	28.80	3.55	4.69
UB 178 x 102 x 19	1356	152.5	171.3	7.48	9.85	136.7	27.02	41.59	2.37	29.50	4.42	9.85
UB 203 x 102 x 23	2105	207.2	234.1	8.46	12.38	163.9	32.19	49.75	2.36	32.90	7.02	15.37
UB 203 x 133 x 25	2340	230.3	257.7	8.56	12.82	307.6	46.19	70.94	3.10	30.20	6.10	29.33
UB 203 x 133 x 31	2896	280.0	314.4	8.71	14.58	384.7	57.45	88.22	3.17	34.50	10.43	37.34
UB 254 x 102 x 22	2841	223.7	259.0	10.07	15.62	119.3	23.49	37.27	2.06	28.20	4.35	18.16
UB 254 x 102 x 25	3415	265.5	305.5	10.32	16.70	148.7	29.18	46.01	2.15	31.70	6.56	22.92
UB 254 x 102 x 28	4005	307.6	352.8	10.54	17.79	178.5	34.94	54.85	2.22	35.20	9.66	27.89
UB 254 x 146 x 31	4413	351.1	393.1	10.55	16.37	447.5	61.26	94.13	3.36	32.10	8.68	65.88
UB 254 x 146 x 37	5537	432.6	483.2	10.83	17.59	570.6	77.96	119.4	3.48	37.00	15.37	85.61
UB 254 x 146 x 43	6544	504.1	566.3	10.93	20.20	677.4	91.97	141.1	3.52	41.50	23.97	103.1
UB 305 x 102 x 25	4455	292.1	342.0	11.87	18.85	122.9	24.20	38.81	1.97	28.70	4.98	27.18
UB 305 x 102 x 28	5366	347.6	402.9	12.23	19.83	155.4	30.53	48.45	2.08	32.50	7.51	34.79
UB 305 x 102 x 33	6501	415.8	480.8	12.47	22.06	194.1	37.91	60.04	2.15	37.10	12.29	44.04
UB 305 x 127 x 37	7171	471.1	539.4	12.33	23.44	336.2	54.49	85.41	2.67	38.93	14.96	72.26
UB 305 x 127 x 42	8196	533.6	613.5	12.39	26.44	388.8	62.55	98.41	2.70	42.63	21.42	84.32
UB 305 x 127 x 48	9575	615.7	710.7	12.50	29.90	461.0	73.59	116.1	2.74	47.43	32.18	101.2
UB 305 x 165 x 40	8503	560.5	623.1	12.87	20.09	764.4	92.65	141.7	3.86	36.83	14.74	164.1
UB 305 x 165 x 46	9899	645.7	720.0	12.98	22.53	895.7	108.1	165.5	3.90	40.73	22.20	194.4
UB 305 x 165 x 54	11700	753.6	846.1	13.04	26.56	1063	127.4	195.6	3.93	45.73	34.90	233.6
UB 356 x 127 x 33	8249	472.7	542.9	13.99	23.06	280.2	44.69	70.29	2.58	34.95	8.97	80.97
UB 356 x 127 x 39	10172	575.6	658.5	14.30	25.69	357.8	56.80	89.05	2.68	39.95	15.15	104.7
UB 356 x 171 x 45	12070	686.7	774.6	14.51	26.79	811.1	94.81	146.6	3.76	38.35	16.16	236.4
UB 356 x 171 x 51	14140	796.4	896.0	14.76	28.66	968.3	112.9	174.2	3.86	42.35	24.00	285.2
UB 356 x 171 x 57	16040	896.0	1010	14.87	31.49	1108	128.7	198.8	3.91	46.05	33.59	329.2
UB 356 x 171 x 67	19460	1071	1211	15.09	35.74	1362	157.3	243.0	3.99	52.45	55.90	410.9
UB 406 x 140 x 39	12508	628.6	723.6	15.87	27.57	409.8	57.80	90.85	2.87	35.55	10.99	154.9
UB 406 x 140 x 46	15685	778.0	887.6	16.35	29.83	538.1	75.68	118.1	3.03	41.15	19.07	206.2
UB 406 x 178 x 54	18720	930.0	1055	16.48	33.28	1021	114.9	178.3	3.85	41.45	23.50	391.0
UB 406 x 178 x 60	21600	1063	1199	16.80	34.60	1203	135.3	209.0	3.97	45.45	33.49	465.2
UB 406 x 178 x 67	24330	1189	1346	16.87	38.58	1365	152.7	236.6	3.99	49.35	46.40	531.7
UB 406 x 178 x 74	27310	1323	1501	17.00	41.85	1545	172.2	267.0	4.04	53.45	63.10	607.1
UB 457 x 152 x 52	21370	950.0	1096	17.91	36.47	645.0	84.64	133.3	3.11	41.35	21.71	309.7
UB 457 x 152 x 60	25500	1122	1287	18.29	39.35	794.6	103.9	163.1	3.23	46.65	34.02	385.8
UB 457 x 152 x 67	28930	1263	1453	18.39	43.82	912.6	118.7	186.7	3.27	50.95	47.95	446.2
UB 457 x 152 x 74	32670	1414	1627	18.60	47.08	1047	135.6	213.1	3.33	55.55	66.18	516.3
UB 457 x 152 x 82	36590	1571	1811	18.71	51.67	1185	152.5	240.4	3.37	60.25	89.65	589.1
UB 457 x 191 x 67	29380	1296	1471	18.54	40.94	1452	152.9	237.3	4.12	45.85	37.54	703.8
UB 457 x 191 x 74	33320	1458	1653	18.76	43.68	1671	175.5	272.1	4.20	49.95	52.14	816.6
UB 457 x 191 x 82	37050	1611	1831	18.83	48.11	1871	195.6	303.9	4.23	53.85	69.72	920.1
UB 457 x 191 x 89	41020	1770	2014	18.99	51.30	2089	217.8	338.4	4.29	57.85	91.26	1035
UB 457 x 191 x 98	45730	1957	2232	19.11	55.92	2347	243.5	378.9	4.33	62.55	122.1	1173

# 工字鋼(續) Universal Beams(Continued)

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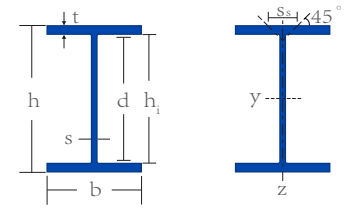


尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness	h <sub>1</sub> (mm)	d(mm)
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)		
UB 533 x 210 x 82	82.2	528.3	208.8	9.6	13.2	501.9	476.5
UB 533 x 210 x 92	92.1	533.1	209.3	10.1	15.6	501.9	476.5
UB 533 x 210 x 101	101.0	536.7	210	10.8	17.4	501.9	476.5
UB 533 x 210 x 109	109.0	539.5	210.8	11.6	18.8	501.9	476.5
UB 533 x 210 x 122	122.0	544.5	211.9	12.7	21.3	501.9	476.5
UB 610 x 229 x 101	101.2	602.6	227.6	10.5	14.8	573	547.6
UB 610 x 229 x 113	113.0	607.6	228.2	11.1	17.3	573	547.6
UB 610 x 229 x 125	125.1	612.2	229	11.9	19.6	573	547.6
UB 610 x 229 x 140	139.9	617.2	230.2	13.1	22.1	573	547.6
UB 610 x 305 x 149	149.1	612.4	304.8	11.8	19.7	573	540
UB 610 x 305 x 179	179.0	620.2	307.1	14.1	23.6	573	540
UB 610 x 305 x 238	238.1	635.8	311.4	18.4	31.4	573	540
UB 686 x 254 x 125	125.2	677.9	253	11.7	16.2	645.5	615.1
UB 686 x 254 x 140	140.1	683.5	253.7	12.4	19	645.5	615.1
UB 686 x 254 x 152	152.4	687.5	254.5	13.2	21	645.5	615.1
UB 686 x 254 x 170	170.2	692.9	255.8	14.5	23.7	645.5	615.1
UB 762 x 267 x 147	146.9	754	265.2	12.8	17.5	719	686
UB 762 x 267 x 173	173.0	762.2	266.7	14.3	21.6	719	686
UB 762 x 267 x 197	196.8	769.8	268	15.6	25.4	719	686
UB 838 x 292 x 176	175.9	834.9	291.7	14	18.8	797.3	761.7
UB 838 x 292 x 194	193.8	840.7	292.4	14.7	21.7	797.3	761.7
UB 838 x 292 x 226	226.5	850.9	293.8	16.1	26.8	797.3	761.7
UB 914 x 305 x 201	200.9	903	303.3	15.1	20.2	862.6	824.4
UB 914 x 305 x 224	224.2	910.4	304.1	15.9	23.9	862.6	824.4
UB 914 x 305 x 253	253.4	918.4	305.5	17.3	27.9	862.6	824.4
UB 914 x 305 x 289	289.1	926.6	307.7	19.5	32	862.6	824.4
UB 914 x 419 x 343	343.3	911.8	418.5	19.4	32	847.8	799.6
UB 914 x 419 x 388	388.0	921	420.5	21.4	36.6	847.8	799.6
UB 1016 x 305 x 222	222.0	970.3	300	16	21.1	928	868
UB 1016 x 305 x 249	249.0	980	300	16.5	26	928	868
UB 1016 x 305 x 272	272.0	990.1	300	16.5	31	928	868
UB 1016 x 305 x 314	314.0	1000	300	19.1	35.9	928	868
UB 1016 x 305 x 349	349.0	1008.1	302	21.1	40	928	868
UB 1016 x 305 x 393	393.0	1016	303	24.4	43.9	928	868
UB 1016 x 305 x 415	415.0	1020	304	26	46	928	868
UB 1016 x 305 x 438	438.0	1026	305	27	49	928	868
UB 1016 x 305 x 494	494.0	1036	309	31	54	928	868
UB 1016 x 305 x 584	584.0	1056	314	36	64	928	868

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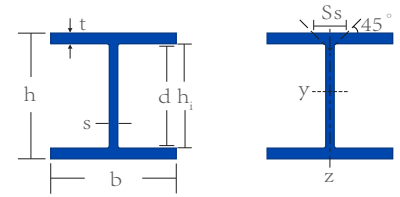


尺寸 Designation	$I_y$	$W_{ely}$	$W_{ply}$	$i_y$	$A_{vz}$	$I_z$	$W_{elz}$	$W_{plz}$	$i_z$	$S_s$	$I_t$	$I_w$
	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	$mm^2 \times 10^2$	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	mm	$mm^4 \times 10^4$	$mm^6 \times 10^9$
UB 533 x 210 x 82	47540	1800	2059	21.31	54.19	2007	192.3	300.4	4.38	50.88	52.54	1328
UB 533 x 210 x 92	55230	2072	2360	21.69	57.61	2389	228.3	355.6	4.51	56.18	76.34	1596
UB 533 x 210 x 101	61520	2292	2612	21.87	61.89	2692	256.4	399.4	4.57	60.48	101.6	1811
UB 533 x 210 x 109	66820	2477	2828	21.94	66.56	2943	279.2	435.8	4.60	64.08	127.3	1989
UB 533 x 210 x 122	76040	2793	3196	22.12	73.24	3388	319.7	499.7	4.67	70.18	179.6	2312
UB 610 x 229 x 101	75780	2515	2881	24.24	66.86	2915	256.1	400.2	4.75	54.98	78.16	2512
UB 610 x 229 x 113	87320	2874	3281	24.63	71.30	3434	301.0	469.3	4.88	60.58	112.3	2985
UB 610 x 229 x 125	98610	3221	3676	24.88	76.88	3932	343.4	535.4	4.97	65.98	155.2	3444
UB 610 x 229 x 140	111800	3622	4142	25.05	84.96	4505	391.4	611.4	5.03	72.18	217.8	3978
UB 610 x 305 x 149	125900	4111	4594	25.74	78.78	9308	610.7	937.3	7.00	70.53	200.4	8165
UB 610 x 305 x 179	153000	4935	5547	25.90	94.25	11408	743.0	1144	7.07	80.63	341.6	10140
UB 610 x 305 x 238	209500	6589	7486	26.28	123.9	15837	1017	1574	7.23	100.5	790.6	14430
UB 686 x 254 x 125	118000	3481	3994	27.20	84.33	4383	346.5	542.4	5.24	61.91	118.3	4786
UB 686 x 254 x 140	136300	3987	4558	27.64	90.16	5183	408.6	638.2	5.39	68.21	170.3	5708
UB 686 x 254 x 152	150400	4374	5000	27.83	96.35	5784	454.5	710.2	5.46	73.01	221.3	6407
UB 686 x 254 x 170	170300	4916	5631	28.03	106.2	6630	518.4	811.4	5.53	79.71	309.8	7402
UB 762 x 267 x 147	168500	4470	5156	30.00	102.4	5455	411.4	647.2	5.40	67.13	162.2	7377
UB 762 x 267 x 173	205300	5387	6198	30.52	115.4	6850	513.7	807.5	5.58	76.83	270.3	9364
UB 762 x 267 x 197	240000	6234	7167	30.94	126.8	8175	610.1	958.6	5.71	85.73	407.3	11290
UB 838 x 292 x 176	246000	5893	6808	33.14	123.7	7799	534.7	841.9	5.90	72.45	226.2	12950
UB 838 x 292 x 194	279200	6641	7640	33.63	130.8	9066	620.1	973.8	6.06	78.95	309.6	15160
UB 838 x 292 x 226	339700	7985	9155	34.31	144.9	11360	773.3	1212	6.27	90.55	516.5	19230
UB 914 x 305 x 201	325300	7204	8351	35.65	144.2	9423	621.4	982	6.07	77.88	297.9	18300
UB 914 x 305 x 224	376400	8269	9535	36.30	153.2	11240	739	1163	6.27	86.08	427.2	22010
UB 914 x 305 x 253	436300	9501	10940	36.76	167.8	13300	870.8	1371	6.42	95.48	630.5	26280
UB 914 x 305 x 289	504200	10880	12570	37.00	189.8	15600	1014	1601	6.51	105.9	933.6	31090
UB 914 x 419 x 343	625800	13730	15480	37.83	191.1	39160	1871	2890	9.46	111.6	1199	75650
UB 914 x 419 x 388	719600	15630	17670	38.16	211.9	45440	2161	3341	9.59	122.8	1741	88690
UB 1016 x 305 x 222	406500	8380	9777	37.95	172.2	9501	633.4	1016	5.80	93.15	403.4	21280
UB 1016 x 305 x 249	481100	9818	11350	38.97	180.7	11750	784	1245	6.09	103.6	584.4	26620
UB 1016 x 305 x 272	553800	11190	12820	39.96	184.6	14000	933.6	1470	6.35	113.6	822.4	32070
UB 1016 x 305 x 314	644700	12890	14860	40.15	212.5	16280	1085	1716	6.38	126.1	1254	37640
UB 1016 x 305 x 349	722300	14330	16570	40.32	235	18460	1222	1940	6.45	136.1	1701	43020
UB 1016 x 305 x 393	807700	15900	18540	40.18	271.3	20500	1353	2168	6.40	147.3	2332	48080
UB 1016 x 305 x 415	853100	16728	19571	40.17	288.6	21710	1428	2298	6.41	153.1	2713	51080
UB 1016 x 305 x 438	909800	17740	20770	40.41	300.9	23360	1532	2464	6.47	160.1	3200	55290
UB 1016 x 305 x 494	1028000	19845	23413	40.42	344.5	26820	1736	2818	6.53	174.1	4433	64010
UB 1016 x 305 x 584	1246100	23600	28039	40.93	403.2	33430	2130	3475	6.70	199.1	7230	81240

# 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。

- 尺寸：符合BS 4-1: 1993
- 公差：EN 10034:1993 • 等級：符合BS EN 10025-2:2004
- Dimension: in accordance with BS 4-1: 1993
- Tolerance: EN 10034:1993 • Grade: according to BS EN 10025-2:2004

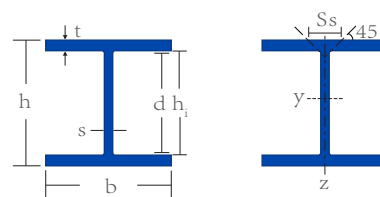


尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness	h <sub>i</sub> (mm)	d(mm)
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)		
UC 152 x 152 x 23	23.0	152.4	152.2	5.8	6.8	138.8	123.6
UC 152 x 152 x 30	30.0	157.6	152.9	6.5	9.4	138.8	123.6
UC 152 x 152 x 37	37.0	161.8	154.4	8	11.5	138.8	123.6
UC 203 x 203 x 46	46.1	203.2	203.6	7.2	11	181.2	160.8
UC 203 x 203 x 52	52.0	206.2	204.3	7.9	12.5	181.2	160.8
UC 203 x 203 x 60	60.0	209.6	205.8	9.4	14.2	181.2	160.8
UC 203 x 203 x 71	71.0	215.8	206.4	10	17.3	181.2	160.8
UC 203 x 203 x 86	86.1	222.2	209.1	12.7	20.5	181.2	160.8
UC 254 x 254 x 73	73.1	254.1	254.6	8.6	14.2	225.7	200.3
UC 254 x 254 x 89	88.9	260.3	256.3	10.3	17.3	225.7	200.3
UC 254 x 254 x 107	107.1	266.7	258.8	12.8	20.5	225.7	200.3
UC 254 x 254 x 132	132.0	276.3	261.3	15.3	25.3	225.7	200.3
UC 254 x 254 x 167	167.1	289.1	265.2	19.2	31.7	225.7	200.3
UC 305 x 305 x 97	96.9	307.9	305.3	9.9	15.4	277.1	246.7
UC 305 x 305 x 118	117.9	314.5	307.4	12	18.7	277.1	246.7
UC 305 x 305 x 137	136.9	320.5	309.2	13.8	21.7	277.1	246.7
UC 305 x 305 x 158	158.1	327.1	311.2	15.8	25	277.1	246.7
UC 305 x 305 x 198	198.1	339.9	314.5	19.1	31.4	277.1	246.7
UC 305 x 305 x 240	240.0	352.5	318.4	23	37.7	277.1	246.7
UC 305 x 305 x 283	282.9	365.3	322.2	26.8	44.1	277.1	246.7
UC 356 x 368 x 129	129.0	355.6	368.6	10.4	17.5	320.6	290.2
UC 356 x 368 x 153	152.9	362	370.5	12.3	20.7	320.6	290.2
UC 356 x 368 x 177	177.0	368.2	372.6	14.4	23.8	320.6	290.2
UC 356 x 368 x 202	201.9	374.6	374.7	16.5	27	320.6	290.2
UC 356 x 406 x 235	235.1	381	394.8	18.4	30.2	320.6	290.2
UC 356 x 406 x 287	287.1	393.6	399	22.6	36.5	320.6	290.2
UC 356 x 406 x 340	339.9	406.4	403	26.6	42.9	320.6	290.2
UC 356 x 406 x 393	393.0	419	407	30.6	49.2	320.6	290.2
UC 356 x 406 x 467	467.0	436.6	412.2	35.8	58	320.6	290.2

# 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。

- 尺寸：符合BS 4-1: 1993
- 公差：EN 10034:1993 • 等級：符合BS EN 10025-2:2004
- Dimension: in accordance with BS 4-1: 1993
- Tolerance: EN 10034:1993 • Grade: according to BS EN 10025-2:2004

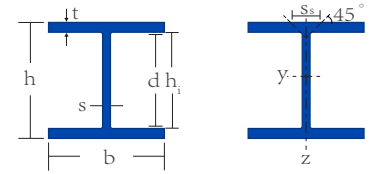


尺寸 Designation	$I_y$	$W_{ely}$	$W_{ply}$	$i_y$	$A_{vz}$	$I_z$	$W_{elz}$	$W_{plz}$	$i_z$	$S_s$	$I_t$	$I_w$
	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	$mm^2 \times 10^2$	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	mm	$mm^4 \times 10^4$	$mm^6 \times 10^9$
UC 152 x 152 x 23	1250	164.0	182.0	6.54	9.97	399.9	52.55	80.16	3.70	28.3	4.86	21.18
UC 152 x 152 x 30	1748	221.8	247.7	6.76	11.56	560.5	73.31	111.6	3.83	34.2	10.67	30.75
UC 152 x 152 x 37	2210	273.2	308.8	6.85	14.27	706.2	91.48	139.6	3.87	39.9	19.49	39.84
UC 203 x 203 x 46	4568	449.6	497.4	8.82	16.98	1548	152.1	230.9	5.13	41.2	22.34	142.9
UC 203 x 203 x 52	5259	510.1	567.4	8.91	18.75	1778	174.0	264.2	5.18	44.9	31.97	166.6
UC 203 x 203 x 60	6125	584.4	656.1	8.96	22.16	2065	200.6	305.3	5.20	49.8	47.78	196.9
UC 203 x 203 x 71	7618	706.0	798.8	9.18	24.27	2537	245.9	373.7	5.30	56.6	80.63	249.7
UC 203 x 203 x 86	9449	850.5	976.7	9.28	30.69	3127	299.1	456.2	5.34	65.7	138.3	317.7
UC 254 x 254 x 73	11410	897.9	992.1	11.07	25.62	3908	307.0	465.4	6.48	51.9	57.74	562.0
UC 254 x 254 x 89	14270	1096	1224	11.22	30.81	4857	379.0	575.3	6.55	59.8	102.7	716.6
UC 254 x 254 x 107	17510	1313	1484	11.33	38.11	5928	458.1	697.0	6.59	68.7	173.9	897.5
UC 254 x 254 x 132	22530	1631	1869	11.58	46.21	7531	576.4	878.4	6.69	80.8	321.5	1185
UC 254 x 254 x 167	30000	2075	2424	11.87	58.86	9870	744.3	1137	6.81	97.5	633.8	1632
UC 305 x 305 x 97	22250	1445	1592	13.42	35.62	7308	478.7	726.1	7.69	58.5	91.80	1562
UC 305 x 305 x 118	27670	1760	1958	13.57	43.16	9059	589.4	895.4	7.77	67.2	162.3	1980
UC 305 x 305 x 137	32810	2048	2297	13.72	49.81	10700	692.1	1053	7.83	75.0	251.1	2386
UC 305 x 305 x 158	38750	2369	2680	13.87	57.32	12570	807.8	1230	7.90	83.6	381.6	2865
UC 305 x 305 x 198	50900	2995	3440	14.20	70.45	16300	1037	1581	8.04	99.7	741.2	3873
UC 305 x 305 x 240	64200	3643	4247	14.49	85.85	20310	1276	1951	8.15	116.2	1287	5025
UC 305 x 305 x 283	78870	4318	5105	14.79	101.5	24630	1529	2342	8.27	132.8	2062	6341
UC 356 x 368 x 129	40250	2264	2479	15.65	42.47	14610	792.8	1119	9.43	63.2	152.7	4174
UC 356 x 368 x 153	48590	2684	2965	15.79	50.26	17750	947.5	1435	9.49	71.5	251.2	5110
UC 356 x 368 x 177	57120	3103	3455	15.91	58.81	20530	1102	1671	9.54	79.8	383.5	6084
UC 356 x 368 x 202	66260	3538	3972	16.05	67.55	23690	1264	1920	9.60	88.3	561.4	7151
UC 356 x 406 x 235	79080	4151	4687	16.25	75.71	30990	1570	2383	10.20	96.6	817.7	9529
UC 356 x 406 x 287	99880	5075	5812	16.53	93.78	38680	1939	2949	10.28	113.4	1455	12320
UC 356 x 406 x 340	122500	6031	6999	16.82	111.7	46850	2325	3544	10.40	130.2	2370	15460
UC 356 x 406 x 393	146600	6998	8222	17.11	130.1	55370	2721	4154	10.52	146.8	3592	18900
UC 356 x 406 x 467	183000	8383	10000	17.54	155.2	67830	3291	5034	10.68	169.6	5896	24260

# 寬翼緣通用承載樁 Universal Bearing Piles With Wide Flanges

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

- 尺寸：符合BS 4-1: 1993
- 公差：EN 10034:1993 • 等級：符合BS EN 10025-2:2004
- Dimension: in accordance with BS 4-1: 1993
- Tolerance: EN 10034:1993 • Grade: according to BS EN 10025-2:2004



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)		
UBP 203 x 203 x 45	44.9	200.2	205.9	9.5	9.5	181.2	160.8
UBP 203 x 203 x 54	53.9	204	207.7	11.3	11.4	181.2	160.8
UBP 254 x 254 x 63	63.0	247.1	256.6	10.6	10.7	225.7	200.3
UBP 254 x 254 x 71	71.0	249.7	258	12	12	225.7	200.3
UBP 254 x 254 x 85	85.1	254.3	260.4	14.4	14.3	225.7	200.3
UBP 305 x 305 x 79	78.9	299.3	306.4	11	11.1	277.1	246.7
UBP 305 x 305 x 88	88.0	301.7	307.8	12.4	12.3	277.1	246.7
UBP 305 x 305 x 95	94.9	303.7	308.7	13.3	13.3	277.1	246.7
UBP 305 x 305 x 110	110.0	307.9	310.7	15.3	15.4	277.1	246.7
UBP 305 x 305 x 126	126.0	312.3	312.9	17.5	17.6	277.1	246.7
UBP 305 x 305 x 149	149.0	318.5	316	20.6	20.7	277.1	246.7
UBP 305 x 305 x 186	186.0	328.3	320.9	25.5	25.6	277.1	246.7
UBP 305 x 305 x 223	223.0	337.9	325.7	30.3	30.4	277.1	246.7
UBP 356 x 368 x 109	109.0	346.4	371	12.8	12.9	320.6	290.2
UBP 356 x 368 x 133	133.0	352	373.8	15.6	15.7	320.6	290.2
UBP 356 x 368 x 152	152.0	356.4	376	17.8	17.9	320.6	290.2
UBP 356 x 368 x 174	174.0	361.4	378.5	20.3	20.4	320.6	290.2

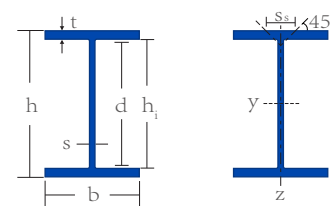
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	mm <sup>4</sup> x 10 <sup>4</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm x 10	mm <sup>2</sup> x 10 <sup>2</sup>	mm <sup>4</sup> x 10 <sup>4</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm x 10	mm	mm <sup>4</sup> x 10 <sup>4</sup>	mm <sup>6</sup> x 10 <sup>9</sup>
UBP 203 x 203 x 45	4100	409.6	458.9	8.46	20.95	1384	134.4	206.1	4.92	40.45	20.80	125.7
UBP 203 x 203 x 54	5027	492.8	556.7	8.55	24.98	1705	164.2	252.4	4.98	46.05	34.97	157.9
UBP 254 x 254 x 63	8860	717.2	799.3	10.51	29.16	3016	235.1	359.7	6.13	46.88	37.20	421.0
UBP 254 x 254 x 71	10070	806.7	904.0	10.56	32.96	3439	266.6	408.7	6.17	50.88	52.27	485.2
UBP 254 x 254 x 85	12280	966.1	1092	10.65	39.58	4215	323.8	497.9	6.24	57.88	87.82	606.0
UBP 305 x 305 x 79	16440	1099	1218	12.79	37.06	5326	347.7	531.2	7.28	51.01	51.37	1105
UBP 305 x 305 x 88	18420	1221	1360	12.82	41.61	5984	388.9	595.2	7.31	54.81	70.05	1252
UBP 305 x 305 x 95	20040	1320	1474	12.87	44.65	6529	423.0	648.0	7.35	57.71	86.69	1375
UBP 305 x 305 x 110	23560	1531	1720	12.97	51.42	7709	496.2	761.7	7.42	63.91	131.4	1647
UBP 305 x 305 x 126	27410	1755	1986	13.06	58.91	9002	575.4	885.2	7.49	70.51	194.3	1951
UBP 305 x 305 x 149	33070	2076	2370	13.20	69.62	10910	690.5	1066	7.58	79.81	314.2	2414
UBP 305 x 305 x 186	42610	2596	3003	13.41	86.95	14140	881.5	1366	7.73	94.51	593.7	3230
UBP 305 x 305 x 223	52700	3119	3653	13.62	104.40	17580	1079	1680	7.87	108.9	998.4	4138
UBP 356 x 368 x 109	30630	1769	1956	14.86	48.59	10990	592.3	902.9	8.90	56.41	90.73	3053
UBP 356 x 368 x 133	37980	2158	2404	14.98	59.22	13680	731.9	1119	8.99	64.81	160.7	3864
UBP 356 x 368 x 152	43970	2468	2767	15.07	67.68	15880	844.5	1293	9.05	71.41	236.4	4543
UBP 356 x 368 x 174	51010	2823	3186	15.18	77.41	18460	975.6	1497	9.13	78.91	348.5	5360



# 托梁 Joists

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

- 尺寸：符合BS 4-1: 1993
- 公差：EN 10024:1993 • 等級：符合BS EN 10025-2:2004
- Dimension: in accordance with BS 4-1: 1993
- Tolerance: EN 10034:1993 • Grade: according to BS EN 10025-2:2004



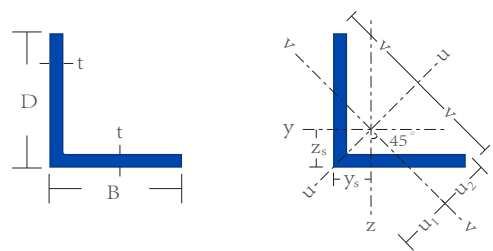
尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
J 76 x 76 x 13	12.6	76.2	76.2	5.1	8.4
J 76 x 76 x 15	14.8	76.2	80	8.9	8.4
J 89 x 89 x 19	19.1	88.9	88.9	9.5	9.9
J 102 x 44 x 7	7.4	101.6	44.5	4.3	6.1
J 102 x 102 x 23	22.6	101.6	101.6	9.5	10.3
J 114 x 114 x 27	26.6	114.3	114.3	9.5	10.7
J 127 x 76 x 16	16.4	127	76.2	5.6	9.6
J 127 x 114 x 27	26.5	127	114.3	7.4	11.4
J 127 x 114 x 29	28.9	127	114.3	10.2	11.5
J 152 x 127 x 37	36.8	152.4	127	10.4	13.2
J 203 x 152 x 52	51.8	203.2	152.4	8.9	16.5
J 254 x 114 x 37	36.8	254	114.3	7.6	12.8
J 254 x 203 x 82	81.6	254	203.2	10.2	19.9

尺寸 Designation	$I_y$	$W_{el,y}$	$W_{pl,y}$	$i_y$	$A_{vz}$	$I_z$	$W_{el,z}$	$W_{pl,z}$	$i_z$	$S_s$	$I_t$	$I_w$
	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	$mm^2 \times 10^2$	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	mm	$mm^4 \times 10^4$	$mm^6 \times 10^9$
J 76 x 76 x 13	158	41.4	48.1	3.13	5.65	52.5	13.8	22.7	1.81	34.5	4.39	0.62
J 76 x 76 x 15	171	44.8	53.1	3.01	8.12	60.8	15.2	25.6	1.80	38.1	7.73	0.71
J 89 x 89 x 19	303	68.1	80.8	3.52	10.43	98.9	22.2	37.4	2.01	43.7	12.7	1.58
J 102 x 44 x 7	152	29.9	35.0	4.02	5.24	7.82	3.52	6.04	0.91	25.0	1.29	0.18
J 102 x 102 x 23	479	94.3	111	4.08	11.71	152	29.9	50.1	2.30	45.2	14.9	3.23
J 114 x 114 x 27	729	128	148	4.64	14.68	218	38.1	65.0	2.54	50.6	21.2	6.06
J 127 x 76 x 16	568	89.5	103	5.22	8.95	61.5	16.1	26.7	1.72	37.3	6.44	2.17
J 127 x 114 x 27	940	148	169	5.27	11.46	240	42.0	69.0	2.67	45.1	15.8	8.13
J 127 x 114 x 29	968	152	177	5.13	14.59	243	42.6	70.8	2.57	47.8	20.6	8.21
J 152 x 127 x 37	1802	237	274	6.20	19.20	382	60.1	100	2.85	55.5	33.6	18.9
J 203 x 152 x 52	4772	470	534	8.51	23.41	831	109	179	3.55	64.1	60.2	73.8
J 254 x 114 x 37	5042	397	454	10.36	22.54	273	47.8	80.0	2.41	50.5	23.9	40.6
J 254 x 203 x 82	12010	946	1066	10.75	35.84	2326	229	378	4.73	80.4	142	326

# 角鐵(等邊) Equal Angles

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

- 尺寸：符合BS EN 10056-1:1999
- 公差：BS EN 10056-2:1993 • 等級：符合BS EN 10088-3:1D
- Dimension: in accordance with BS EN 10056-1:1999
- Tolerance: BS EN 10056-2:1993 • Grade: according to BS EN 10088-3:1D

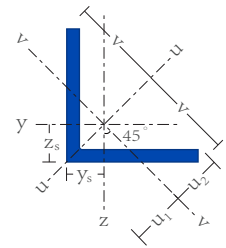
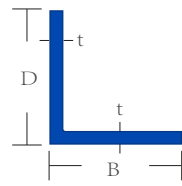


尺寸 Size	單位重量 Mass per Unit Length	$Z_s=Y_s$	v	$u_1$	$u_2$
D x B x t (mm)	kg/m	mm	mm	mm	mm
L 30 x 30 x 3	1.36	8.35	21.21	11.81	10.49
L 30 x 30 x 4	1.78	8.78	21.21	12.42	10.58
L 30 x 30 x 5	2.18	9.18	21.21	12.99	10.73
L 30 x 30 x 6	2.57	9.56	21.21	13.52	10.90
L 35 x 35 x 4	2.09	10.03	24.75	14.18	12.36
L 35 x 35 x 5	2.57	10.43	24.75	14.75	12.50
L 40 x 40 x 3	1.84	10.84	28.28	15.33	14.04
L 40 x 40 x 4	2.42	11.20	28.28	15.83	14.04
L 40 x 40 x 5	2.97	11.62	28.28	16.43	14.14
L 40 x 40 x 6	3.52	12.02	28.28	17.00	14.29
L 45 x 45 x 3	2.09	11.84	31.82	16.74	15.75
L 45 x 45 x 4	2.74	12.35	31.82	17.46	15.74
L 45 x 45 x 4.5	3.06	12.60	31.82	17.80	15.80
L 45 x 45 x 5	3.38	12.79	31.82	18.09	15.81
L 50 x 50 x 3	2.33	13.08	35.36	18.49	17.53
L 50 x 50 x 4	3.06	13.59	35.36	19.21	17.52
L 50 x 50 x 5	3.77	14.04	35.36	19.85	17.59
L 50 x 50 x 6	4.47	14.45	35.36	20.44	17.71
L 50 x 50 x 7	5.15	14.85	35.36	21.01	17.85
L 50 x 50 x 8	5.82	15.24	35.36	21.55	18.01
L 60 x 60 x 5	4.57	16.44	42.43	23.24	21.06
L 60 x 60 x 6	5.42	16.88	42.43	23.87	21.15
L 60 x 60 x 7	6.26	17.29	42.43	24.45	21.27
L 60 x 60 x 8	7.09	17.69	42.43	25.02	21.41
L 60 x 60 x 10	8.69	18.46	42.43	26.10	21.74
L 65 x 65 x 6	5.91	18.04	45.96	25.51	22.83
L 65 x 65 x 7	6.83	18.47	45.96	26.12	22.93
L 65 x 65 x 8	7.73	18.88	45.96	26.70	23.06
L 65 x 65 x 9	8.62	19.28	45.96	27.26	23.20
L 65 x 65 x 10	9.49	19.66	45.96	27.81	23.36
L 70 x 70 x 5	5.37	18.82	49.50	26.62	24.55
L 70 x 70 x 6	6.38	19.28	49.50	27.27	24.61
L 70 x 70 x 7	7.38	19.71	49.50	27.88	24.70
L 70 x 70 x 8	8.37	20.06	49.50	28.37	24.72
L 70 x 70 x 9	9.32	20.53	49.50	29.03	24.97
L 70 x 70 x 10	10.3	20.91	49.50	29.58	25.13
L 75 x 75 x 5	5.76	20.06	53.03	28.37	26.33
L 75 x 75 x 6	6.85	20.53	53.03	29.03	26.38
L 75 x 75 x 7	7.93	20.96	53.03	29.64	26.48
L 75 x 75 x 8	8.99	21.37	53.03	30.23	26.60
L 75 x 75 x 9	10.0	21.77	53.03	30.79	26.74
L 75 x 75 x 10	11.1	22.16	53.03	31.35	26.89
L 80 x 80 x 6	7.34	21.67	56.57	30.65	28.09
L 80 x 80 x 7	8.49	22.12	56.57	31.29	28.16
L 80 x 80 x 8	9.63	22.55	56.57	31.89	28.26
L 80 x 80 x 9	10.8	22.96	56.57	32.47	28.39
L 80 x 80 x 10	11.9	23.36	56.57	33.04	28.53

# 角鐵(等邊) (續) Equal Angles (Continued)

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

- 尺寸：符合BS EN 10056-1:1999
- 公差：BS EN 10056-2:1993 • 等級：符合BS EN 10088-3:1D
- Dimension: in accordance with BS EN 10056-1:1999
- Tolerance: BS EN 10056-2:1993 • Grade: according to BS EN 10088-3:1D

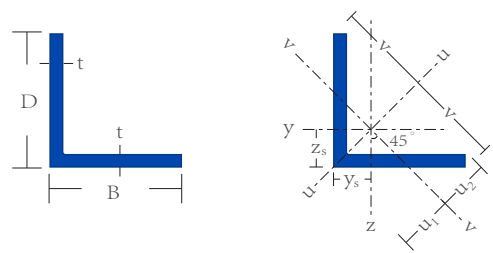


尺寸 Size	單位重量 Mass per Unit Length	$Z_s=Y_s$	v	$U_1$	$U_2$
D x B x t (mm)	kg/m	mm	mm	mm	mm
L 90 x 90 x 6	8.30	24.16	63.64	34.17	31.64
L 90 x 90 x 7	9.61	24.52	63.64	34.68	31.63
L 90 x 90 x 8	10.9	24.96	63.64	35.31	31.71
L 90 x 90 x 9	12.2	25.39	63.64	35.90	31.82
L 90 x 90 x 10	13.4	25.80	63.64	36.48	31.95
L 100 x 100 x 6	9.26	26.42	70.71	37.36	35.10
L 100 x 100 x 7	10.7	26.91	70.71	38.06	35.12
L 100 x 100 x 8	12.2	27.37	70.71	38.70	35.18
L 100 x 100 x 9	13.6	27.80	70.71	39.32	35.27
L 100 x 100 x 10	15.0	28.22	70.71	39.92	35.38
L 100 x 100 x 12	17.8	29.03	70.71	41.06	35.65
L 110 x 110 x 6	10.2	28.91	77.78	40.88	38.86
L 110 x 110 x 7	11.8	29.40	77.78	41.58	38.67
L 110 x 110 x 8	13.4	29.86	77.78	42.23	38.73
L 110 x 110 x 9	15.0	30.30	77.78	42.85	38.81
L 110 x 110 x 10	16.6	30.64	77.78	43.34	38.82
L 110 x 110 x 11	18.2	31.06	77.78	43.93	38.94
L 110 x 110 x 12	19.7	31.47	77.78	44.50	39.07
L 120 x 120 x 7	12.9	31.78	84.85	44.94	42.17
L 120 x 120 x 8	14.7	32.25	84.85	45.61	42.21
L 120 x 120 x 9	16.5	32.70	84.85	46.25	42.27
L 120 x 120 x 10	18.2	33.14	84.85	46.86	42.37
L 120 x 120 x 11	19.9	33.56	84.85	47.46	42.48
L 120 x 120 x 12	21.6	33.97	84.85	48.03	42.61
L 120 x 120 x 13	23.3	34.37	84.85	48.60	42.75
L 120 x 120 x 14	25.0	34.76	84.85	49.16	42.90
L 120 x 120 x 15	26.6	35.15	84.85	49.71	43.06
L 120 x 120 x 16	28.3	35.53	84.85	50.25	43.22
L 125 x 125 x 8	15.20	34.20	88.39	48.36	45.27
L 125 x 125 x 9	17.14	34.04	88.39	48.14	44.13
L 125 x 125 x 10	18.96	34.46	88.39	48.74	44.24
L 125 x 125 x 12	22.11	35.28	88.39	49.89	44.50
L 125 x 125 x 15	27.67	36.75	88.39	51.97	46.61
L 130 x 130 x 8	16.0	34.64	91.92	48.98	45.70
L 130 x 130 x 9	17.9	35.10	91.92	49.64	45.75
L 130 x 130 x 10	19.8	35.55	91.92	50.27	45.83
L 130 x 130 x 11	21.7	35.98	91.92	50.88	45.93
L 130 x 130 x 12	23.6	36.39	91.92	51.47	46.04
L 130 x 130 x 13	25.4	36.80	91.92	52.05	46.17
L 130 x 130 x 14	27.2	37.20	91.92	52.61	46.31
L 130 x 130 x 15	29.0	37.60	91.92	53.17	46.46
L 130 x 130 x 16	30.8	37.99	91.92	53.72	46.62
L 140 x 140 x 9	19.3	37.49	98.99	53.02	49.23
L 140 x 140 x 10	21.4	37.95	98.99	53.67	49.29
L 140 x 140 x 11	23.4	38.39	98.99	54.29	49.38
L 140 x 140 x 12	25.4	38.81	98.99	54.89	49.48
L 140 x 140 x 13	27.5	39.23	98.99	55.48	49.60

# 角鐵(等邊)(續) Equal Angles(Continued)

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

- 尺寸：符合BS EN 10056-1:1999
- 公差：BS EN 10056-2:1993 • 等級：符合BS EN 10088-3:1D
- Dimension: in accordance with BS EN 10056-1:1999
- Tolerance: BS EN 10056-2:1993 • Grade: according to BS EN 10088-3:1D

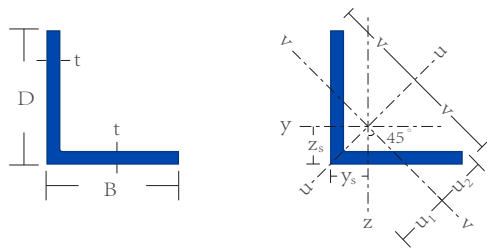


尺寸 Size	單位重量 Mass per Unit Length	$Z_s=Y_s$	v	$u_1$	$u_2$
D x B x t (mm)	kg/m	mm	mm	mm	mm
L 140 x 140 x 14	29.4	39.64	98.99	56.06	49.73
L 140 x 140 x 15	31.4	40.04	98.99	56.62	49.87
L 140 x 140 x 16	33.3	40.43	98.99	57.18	50.02
L 150 x 150 x 8	18.34	40.45	106.07	57.21	54.10
L 150 x 150 x 9	20.68	40.28	106.07	56.96	52.96
L 150 x 150 x 10	23.0	40.34	106.07	57.05	52.77
L 150 x 150 x 12	27.3	41.23	106.07	58.31	52.93
L 150 x 150 x 13	29.5	41.65	106.07	58.90	53.04
L 150 x 150 x 14	31.6	42.07	106.07	59.49	53.16
L 150 x 150 x 15	33.8	42.47	106.07	60.07	53.29
L 150 x 150 x 16	35.9	42.87	106.07	60.63	53.43
L 150 x 150 x 18	40.1	43.66	106.07	61.74	53.74
L 150 x 150 x 20	44.2	44.43	106.07	62.83	54.07
L 160 x 160 x 14	33.9	44.50	113.14	62.90	56.60
L 160 x 160 x 15	36.2	44.90	113.14	63.50	56.72
L 160 x 160 x 16	38.4	45.31	113.14	64.08	56.85
L 160 x 160 x 17	40.7	45.70	113.14	64.60	57.00
L 160 x 160 x 18	42.9	46.10	113.14	65.20	57.14
L 160 x 160 x 20	47.3	46.88	113.14	66.30	57.46
L 175 x 175 x 12	31.84	48.18	123.74	68.14	63.67
L 175 x 175 x 15	39.45	49.28	123.74	69.69	64.24
L 180 x 180 x 13	35.7	48.97	127.28	69.26	63.49
L 180 x 180 x 14	38.3	49.40	127.28	69.90	63.60
L 180 x 180 x 15	40.9	49.82	127.28	70.46	63.70
L 180 x 180 x 16	43.5	50.24	127.28	71.05	63.82
L 180 x 180 x 17	46.0	50.60	127.28	71.60	64.00
L 180 x 180 x 18	48.6	51.04	127.28	72.19	64.09
L 180 x 180 x 19	51.1	51.40	127.28	72.70	64.20
L 180 x 180 x 20	53.7	51.83	127.28	73.30	64.39
L 200 x 200 x 12	36.55	54.44	141.42	76.99	72.50
L 200 x 200 x 13	39.8	53.96	141.42	76.31	70.57
L 200 x 200 x 15	45.6	54.82	141.42	77.52	70.78
L 200 x 200 x 16	48.5	55.23	141.42	78.11	70.90
L 200 x 200 x 17	51.4	55.60	141.42	78.70	71.00
L 200 x 200 x 18	54.3	56.04	141.42	79.26	71.17
L 200 x 200 x 19	57.1	56.40	141.42	79.80	71.30
L 200 x 200 x 20	59.9	56.83	141.42	80.38	71.46
L 200 x 200 x 21	62.8	57.20	141.42	80.90	71.60
L 200 x 200 x 22	65.6	57.60	141.42	81.50	71.80
L 200 x 200 x 23	68.3	58.00	141.42	82.00	71.90
L 200 x 200 x 24	71.1	58.40	141.42	82.60	72.10
L 200 x 200 x 25	73.9	58.80	141.42	83.10	72.30
L 203 x 203 x 19	57.98	57.60	143.50	81.50	73.80
L 203 x 203 x 22.2	66.72	58.80	143.50	83.20	74.40
L 250 x 250 x 13	49.97	66.44	176.78	93.96	88.28
L 250 x 250 x 15	57.38	67.30	176.78	95.18	88.47
L 250 x 250 x 18	68.37	68.54	176.78	96.93	88.85

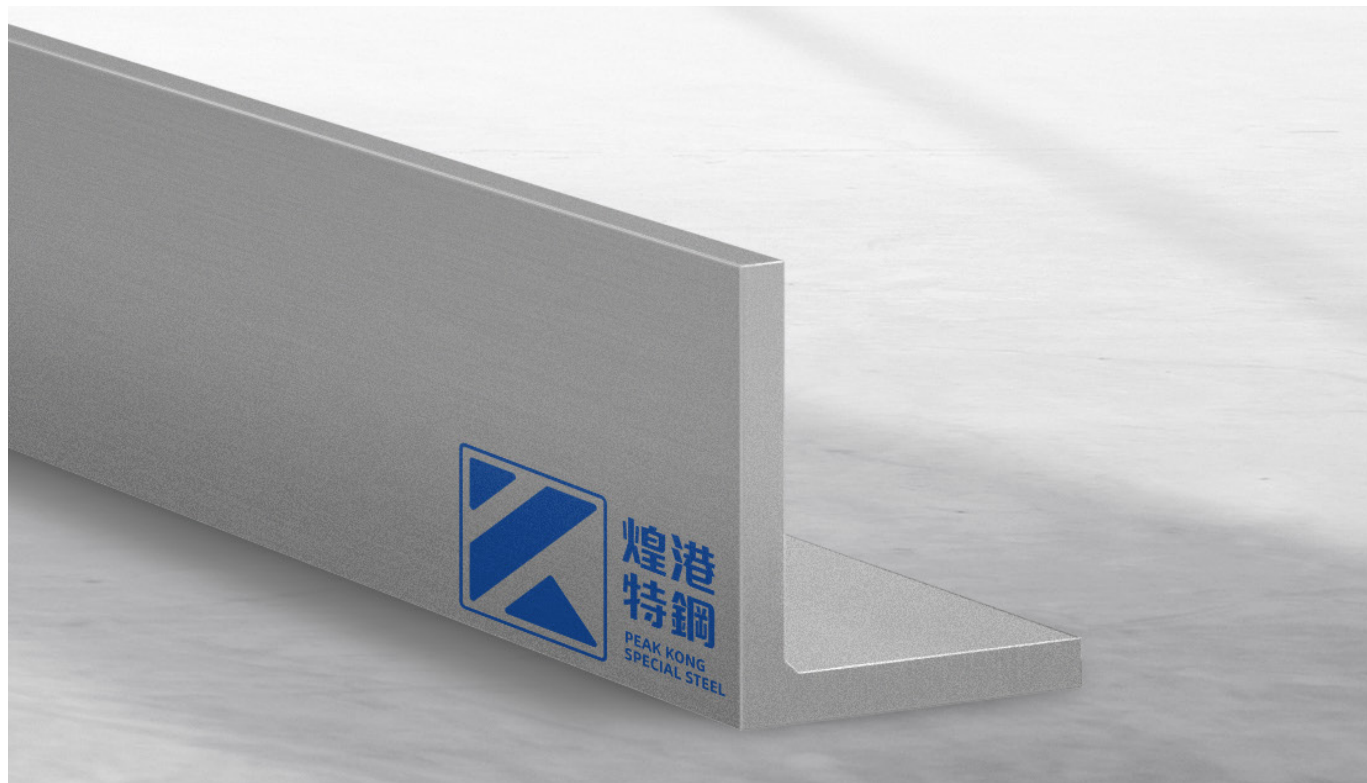
# 角鐵(等邊) (續) Equal Angles (Continued)

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

- 尺寸: 符合BS EN 10056-1:1999
- 公差: BS EN 10056-2:1993 • 等級: 符合BS EN 10088-3:1D
- Dimension: in accordance with BS EN 10056-1:1999
- Tolerance: BS EN 10056-2:1993 • Grade: according to BS EN 10088-3:1D



尺寸 Size	單位重量 Mass per Unit Length	$Z_s=Y_s$	v	$u_1$	$u_2$
D x B x t (mm)	kg/m	mm	mm	mm	mm
L 250 x 250 x 20	75.3	69.34	176.78	98.06	89.13
L 250 x 250 x 21	78.9	69.70	176.78	98.60	89.30
L 250 x 250 x 22	82.5	70.10	176.78	99.20	89.40
L 250 x 250 x 23	86.1	70.50	176.78	99.70	89.60
L 250 x 250 x 24	89.2	70.90	176.78	100.30	89.80
L 250 x 250 x 25	93.2	71.30	176.78	100.80	89.90
L 300 x 300 x 13	60.18	78.93	212.13	111.63	105.97
L 300 x 300 x 15	69.16	79.80	212.13	112.85	106.16
L 300 x 300 x 16	73.63	80.22	212.13	113.44	106.28
L 300 x 300 x 18	82.51	81.04	212.13	114.60	106.53
L 300 x 300 x 20	91.33	81.84	212.13	115.74	106.81

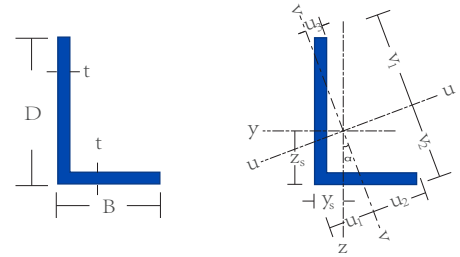




# 角鐵 (不等邊) (續) Unequal Angles (Continued)

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

- 尺寸: 符合BS EN 10056-1:1999
- 公差: BS EN 10056-2:1993 • 等級: 符合BS EN 10088-3:1D
- Dimension: in accordance with BS EN 10056-1:1999
- Tolerance: BS EN 10056-2:1993 • Grade: according to BS EN 10088-3:1D

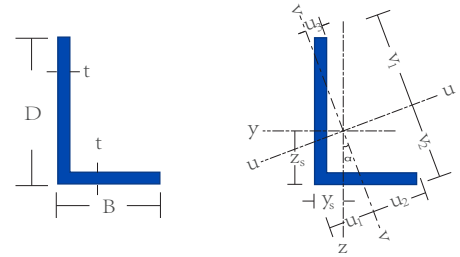


尺寸 Size	單位重量 Mass per Unit Length	$y_s$	$z_s$	$v_1$	$v_2$	$u_1$	$u_2$	$u_3$
D x B x t (mm)	kg/m	mm	mm	mm	mm	mm	mm	mm
L 90 x 60 x 6	6.91	13.82	28.38	62.06	44.34	23.92	31.83	15.48
L 90 x 60 x 8	9.09	14.68	29.34	61.52	44.86	25.08	31.48	16.09
L 100 x 50 x 6	6.91	10.29	34.41	66.10	43.16	18.47	30.16	10.75
L 100 x 50 x 8	9.09	11.16	35.49	65.28	43.96	19.55	29.59	11.53
L 100 x 50 x 10	11.20	11.97	36.43	64.58	44.58	20.47	29.18	12.26
L 100 x 65 x 6	7.66	14.55	31.49	68.90	48.30	25.43	35.15	16.28
L 100 x 65 x 7	8.85	15.01	32.03	68.58	48.63	26.06	34.89	16.61
L 100 x 65 x 8	10.0	15.44	32.51	68.29	48.90	26.63	34.70	16.92
L 100 x 65 x 9	11.1	15.86	32.98	68.03	49.14	27.17	34.56	17.23
L 100 x 65 x 10	12.29	16.26	33.42	67.79	49.36	27.68	34.45	17.54
L 100 x 75 x 6	8.10	17.71	29.83	70.10	53.58	29.81	36.81	21.10
L 100 x 75 x 7	9.35	18.17	30.35	69.86	53.82	30.47	36.61	21.35
L 100 x 75 x 8	10.70	18.61	30.83	69.66	54.03	31.08	36.48	21.60
L 100 x 75 x 9	11.9	19.03	31.28	69.47	54.20	31.66	36.40	21.86
L 100 x 75 x 10	13.07	19.44	31.71	69.30	54.36	32.21	36.36	22.11
L 120 x 80 x 6	9.28	17.61	37.00	83.17	58.73	30.86	42.90	20.25
L 120 x 80 x 8	12.20	18.54	38.07	82.54	59.38	32.15	42.38	20.88
L 120 x 80 x 10	14.90	19.38	39.00	82.04	59.86	33.27	42.08	21.49
L 130 x 65 x 6	9.07	12.62	43.94	86.50	55.56	23.13	39.80	13.43
L 130 x 65 x 8	11.80	13.54	45.14	85.56	56.53	24.35	39.07	14.25
L 130 x 65 x 10	14.60	14.39	46.16	84.79	57.26	25.38	38.56	15.00
L 130 x 75 x 6	9.54	15.37	41.92	88.46	58.50	27.74	43.52	16.88
L 130 x 75 x 8	12.54	16.30	43.08	87.64	59.36	29.03	42.83	17.63
L 130 x 75 x 10	15.47	17.16	44.07	86.97	60.00	30.12	42.39	18.33
L 130 x 90 x 10	16.65	21.70	41.31	89.56	66.29	37.12	46.38	24.55
L 130 x 90 x 12	19.76	22.52	42.19	89.13	66.68	38.19	46.20	25.13
L 140 x 90 x 8	14.13	20.02	44.34	96.18	67.37	35.19	48.96	22.49
L 140 x 90 x 10	17.46	20.90	45.35	95.57	67.97	36.39	48.53	23.14
L 140 x 90 x 12	20.72	21.73	46.27	95.05	68.44	37.45	48.24	23.76
L 150 x 75 x 8	13.80	15.08	51.41	99.24	64.72	27.41	45.48	15.97
L 150 x 75 x 9	15.4	15.95	53.43	97.41	66.88	29.22	45.33	18.02
L 150 x 75 x 10	16.80	15.96	52.51	98.36	65.56	28.53	44.86	16.75
L 150 x 75 x 11	18.6	16.50	53.50	97.50	66.50	29.50	43.70	16.80
L 150 x 75 x 12	20.2	17.09	54.57	96.64	67.46	30.35	45.02	19.03
L 150 x 75 x 15	24.8	18.21	55.70	95.87	68.03	31.44	44.73	20.03
L 150 x 90 x 8	14.57	19.89	49.88	100.80	71.11	35.96	50.94	23.30
L 150 x 90 x 9	16.44	19.95	49.50	101.29	70.36	35.58	50.44	22.17
L 150 x 90 x 10	18.17	20.16	49.45	101.48	70.02	35.58	50.33	21.95
L 150 x 90 x 11	19.9	20.59	49.94	101.17	70.32	36.13	50.13	22.28
L 150 x 90 x 12	21.59	21.00	50.41	100.88	70.58	36.66	49.96	22.62
L 150 x 90 x 15	26.49	22.49	52.49	99.40	72.12	38.83	50.70	25.44
L 150 x 100 x 8	15.5	22.20	46.41	103.90	73.45	38.78	53.53	25.37
L 150 x 100 x 9	17.03	23.37	48.36	102.34	75.39	41.05	53.62	27.98
L 150 x 100 x 10	19.08	23.12	47.48	103.27	74.11	40.08	52.99	25.99
L 150 x 100 x 12	22.5	23.98	48.45	102.74	74.62	41.23	52.65	26.60

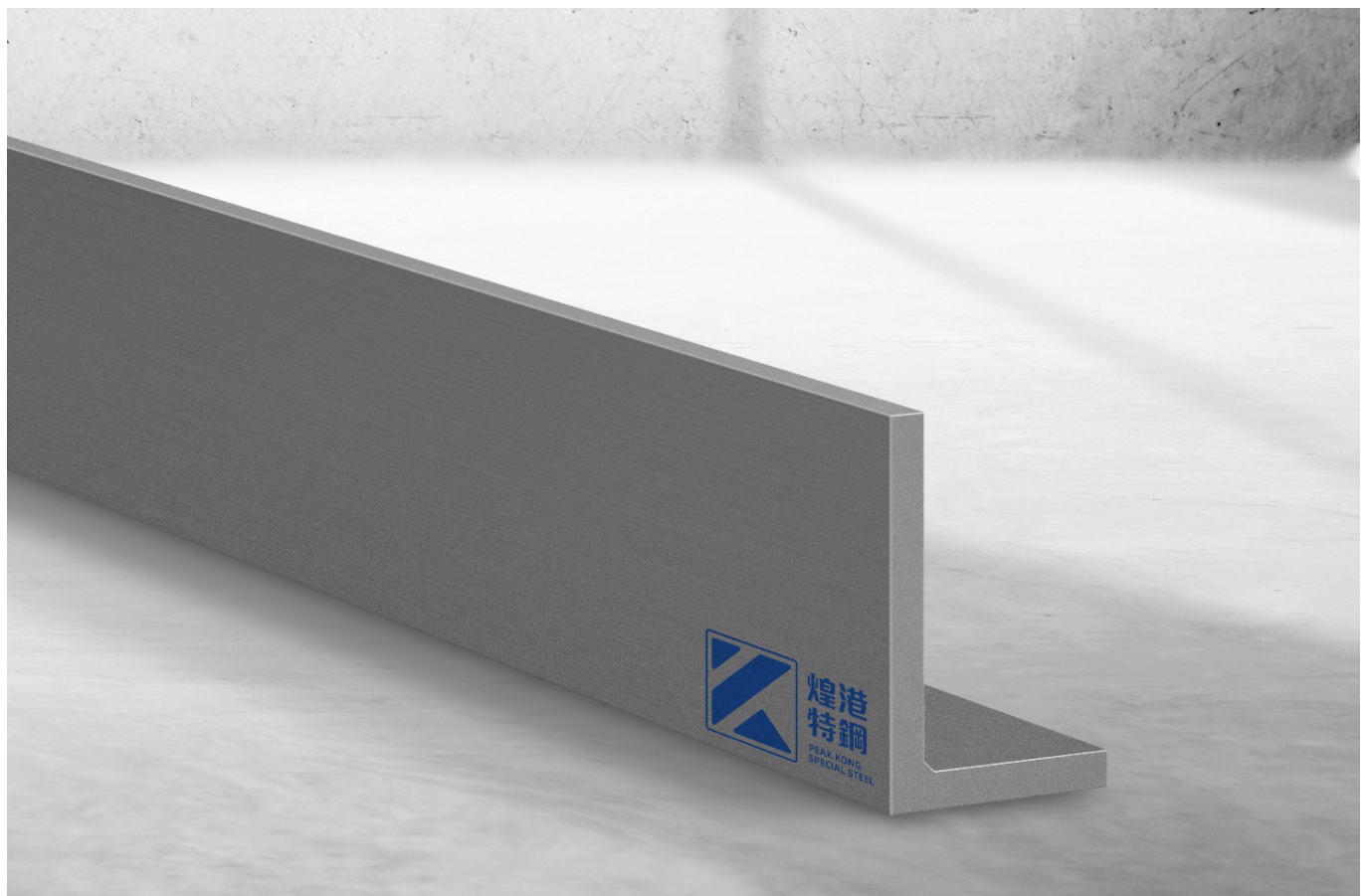
## 角鐵(不等邊) (續) Unequal Angles (Continued)

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

- 尺寸：符合BS EN 10056-1:1999
- 公差：BS EN 10056-2:1993 • 等級：符合BS EN 10088-3:1D
- Dimension: in accordance with BS EN 10056-1:1999
- Tolerance: BS EN 10056-2:1993 • Grade: according to BS EN 10088-3:1D



尺寸 Size	單位重量 Mass per Unit Length	$y_s$	$z_s$	$v_1$	$v_2$	$u_1$	$u_2$	$u_3$
D x B x t (mm)	kg/m	mm	mm	mm	mm	mm	mm	mm
L 150 x 100 x 14	26.1	25.00	49.80	101.90	75.50	42.80	52.20	27.50
L 150 x 100 x 15	27.8	25.58	50.57	101.37	76.09	43.65	53.70	29.70
L 160 x 100 x 8	14.81	15.84	54.53	106.10	68.78	28.92	48.71	16.82
L 160 x 100 x 10	18.30	16.74	55.68	105.21	69.68	30.08	48.03	17.62
L 160 x 100 x 12	21.72	17.59	56.69	104.44	70.41	31.11	47.53	18.38
L 180 x 90 x 8	16.73	17.41	60.95	119.63	77.14	32.08	55.10	18.65
L 180 x 90 x 10	20.68	18.33	62.15	118.69	78.11	33.31	54.36	19.47
L 180 x 90 x 12	24.58	19.20	63.20	117.89	78.88	34.37	53.81	20.24
L 200 x 100 x 8	18.68	18.91	67.11	133.42	85.18	35.02	61.64	20.34
L 200 x 100 x 10	23.00	19.87	68.41	132.37	86.29	36.36	60.78	21.18
L 200 x 100 x 12	27.30	20.76	69.53	131.51	87.15	37.50	60.14	21.98
L 200 x 100 x 14	31.6	21.80	71.20	130.10	88.60	39.10	58.50	22.40
L 200 x 100 x 15	33.8	22.03	71.03	130.39	88.20	39.01	59.41	23.11
L 200 x 100 x 16	35.9	22.44	71.50	130.05	88.51	39.47	59.20	23.47
L 200 x 150 x 12	32.18	35.76	60.23	139.75	107.72	60.30	73.43	42.75
L 200 x 150 x 15	39.78	37.05	61.63	139.17	108.29	62.10	73.11	43.52

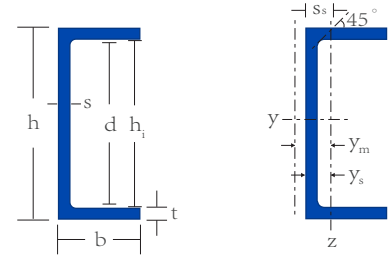




# 槽鋼 (PFC) Channels (PFC)

Profiles are laser fused with full penetration, equivalent to hot rolled.

- 尺寸: 符合BS 4-1: 1993
- 公差: EN 10279:2000 • 等級: 符合BS EN 10088-3:1D
- Dimension: in accordance with BS 4-1: 1993
- Tolerance: EN 10279:2000 • Grade: according to BS EN 10088-3:1D



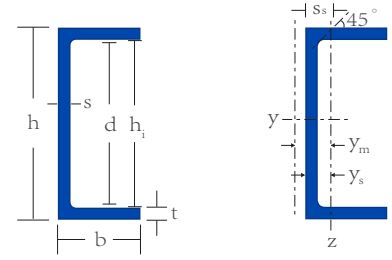
尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness	h <sub>1</sub> (mm)	d(mm)
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)		
PFC 100 x 50 x 10	10.2	100	50	5	8.5	83	79
PFC 125 x 65 x 15	14.8	125	65	5.5	9.5	106	102
PFC 150 x 75 x 18	17.9	150	75	5.5	10	130	126
PFC 150 x 90 x 24	23.9	150	90	6.5	12	126	122
PFC 180 x 75 x 20	20.3	180	75	6	10.5	159	155
PFC 180 x 90 x 26	26.1	180	90	6.5	12.5	155	151
PFC 200 x 75 x 23	23.4	200	75	6	12.5	175	171
PFC 200 x 90 x 30	29.7	200	90	7	14	172	168
PFC 230 x 75 x 26	25.7	230	75	6.5	12.5	205	201
PFC 230 x 90 x 32	32.2	230	90	7.5	14	202	198
PFC 260 x 75 x 28	27.6	260	75	7	12	236	232
PFC 260 x 90 x 35	34.8	260	90	8	14	232	228
PFC 300 x 90 x 41	41.4	300	90	9	15.5	269	265
PFC 300 x 100 x 46	45.5	300	100	9	16.5	267	263
PFC 380 x 100 x 54	54.0	380	100	9.5	17.5	345	341
PFC 430 x 100 x 64	64.4	430	100	11	19	392	388

尺寸 Designation	I <sub>y</sub>	W <sub>el,y</sub>	W <sub>pl,y</sub>	i <sub>y</sub>	A <sub>vz</sub>	I <sub>z</sub>	W <sub>el,z</sub>	W <sub>pl,z</sub>	i <sub>z</sub>	S <sub>s</sub>	I <sub>t</sub>	I <sub>w</sub>	y <sub>s</sub>	y <sub>m</sub>
	mm <sup>4</sup> x 10 <sup>4</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm x 10	mm <sup>2</sup> x 10 <sup>2</sup>	mm <sup>4</sup> x 10 <sup>4</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm <sup>3</sup> x 10 <sup>3</sup>	mm x 10	mm	mm <sup>4</sup> x 10 <sup>4</sup>	mm <sup>6</sup> x 10 <sup>9</sup>	mm <sup>6</sup> x 10 <sup>9</sup>	mm <sup>6</sup> x 10 <sup>9</sup>
PFC 100 x 50 x 10	202.54	40.51	47.64	4.00	4.76	31.92	9.85	11.15	1.59	14.68	2.38	0.37	1.76	3.48
PFC 125 x 65 x 15	467.87	74.86	86.95	5.07	6.56	78.71	18.71	20.88	2.08	16.18	4.26	1.45	2.29	4.63
PFC 150 x 75 x 18	837.66	111.69	128.46	6.15	7.92	129.00	26.47	29.12	2.41	16.68	5.63	3.45	2.63	5.39
PFC 150 x 90 x 24	1139.99	152.00	175.05	6.18	9.23	249.66	44.19	49.94	2.89	19.68	11.27	6.94	3.35	6.78
PFC 180 x 75 x 20	1334.76	148.31	171.67	7.26	10.40	144.86	28.67	30.97	2.39	17.68	6.84	5.30	2.45	5.07
PFC 180 x 90 x 26	1783.82	198.20	227.74	7.40	11.15	273.58	47.23	52.27	2.90	20.18	12.79	10.65	3.21	6.57
PFC 200 x 75 x 23	1919.66	191.97	222.02	8.10	11.52	168.35	33.74	36.74	2.40	19.68	10.60	7.72	2.51	5.17
PFC 200 x 90 x 30	2481.75	248.17	286.43	8.16	13.32	310.96	53.22	58.82	2.89	22.18	17.78	14.71	3.16	6.44
PFC 230 x 75 x 26	2688.36	233.77	272.55	9.15	14.40	179.76	34.74	37.33	2.37	20.18	11.29	10.39	2.33	4.82
PFC 230 x 90 x 32	3460.33	300.90	349.01	9.26	16.50	331.85	54.85	59.56	2.87	22.68	18.76	19.84	2.95	6.08
PFC 260 x 75 x 28	3538.96	272.23	321.07	10.12	17.62	184.65	34.33	36.65	2.31	20.18	11.17	12.97	2.12	4.43
PFC 260 x 90 x 35	4651.39	357.80	418.00	10.31	19.98	350.79	56.22	60.43	2.83	23.18	20.00	25.73	2.76	5.72
PFC 300 x 90 x 41	7114.14	474.28	560.15	11.68	25.93	402.60	63.08	68.24	2.78	25.68	28.24	38.11	2.62	5.38
PFC 300 x 100 x 46	8068.80	537.92	628.63	11.89	25.86	564.53	81.60	87.92	3.15	26.68	35.36	55.26	3.08	6.37
PFC 380 x 100 x 54	14762.93	777.00	917.65	14.76	34.80	640.72	89.13	95.30	3.07	28.18	44.17	95.82	2.81	5.86
PFC 430 x 100 x 64	21587.15	1004.05	1204.15	16.31	45.61	721.03	97.89	106.88	2.98	31.18	61.45	133.73	2.63	5.40

# 槽鋼 Channels

Profiles are laser fused with full penetration, equivalent to hot rolled.

- 尺寸：符合BS 4-1: 1993
- 公差：EN 10279:2000 • 等級：符合BS EN 10088-3:1D
- Dimension: in accordance with BS 4-1: 1993
- Tolerance: EN 10279:2000 • Grade: according to BS EN 10088-3:1D



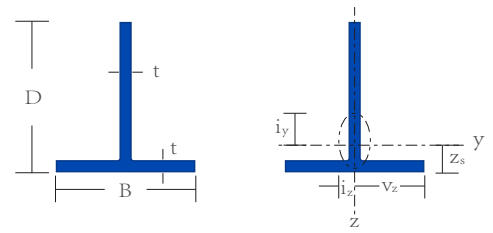
尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
CH 76 x 38 x 7	6.7	76.2	38.1	5.1	6.8
CH 102 x 51 x 10	10.4	101.6	50.8	6.1	7.6
CH 127 x 64 x 15	14.9	127	63.5	6.4	9.2
CH 152 x 76 x 18	17.9	152.4	76.2	6.4	9
CH 152 x 89 x 24	23.9	152.4	88.9	7.1	11.6
CH 178 x 76 x 21	20.8	177.8	76.2	6.6	10.3
CH 178 x 89 x 27	26.8	177.8	88.9	7.6	12.3
CH 203 x 76 x 24	23.9	203.2	76.2	7.1	11.2
CH 203 x 89 x 30	29.8	203.2	88.9	8.1	12.9
CH 229 x 76 x 26	26.1	228.6	76.2	7.6	11.2
CH 229 x 89 x 33	32.7	228.6	88.9	8.6	13.3
CH 245 x 76 x 28	28.2	254	76.2	8.1	10.9
CH 245 x 89 x 36	35.7	254	88.9	9.1	13.6
CH 305 x 89 x 42	41.8	304.8	88.9	10.2	13.7
CH 305 x 102 x 46	46.2	304.8	101.6	10.2	14.8
CH 305 x 102 x 55	55.0	381	101.6	10.4	16.3
CH 432 x 102 x 65	65.5	431.8	101.6	12.2	16.8

尺寸 Designation	$I_y$	$W_{ely}$	$W_{ply}$	$i_y$	$A_{vz}$	$I_z$	$W_{elz}$	$W_{plz}$	$i_z$	$S_s$	$I_t$	$I_w$	$y_s$	$y_m$
	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	$mm^2 \times 10^2$	$mm^4 \times 10^4$	$mm^3 \times 10^3$	$mm^3 \times 10^3$	$mm \times 10$	mm	$mm^4 \times 10^4$	$mm^6 \times 10^9$	$mm^6 \times 10^9$	$mm^6 \times 10^9$
CH 76 x 38 x 7	75.1	19.71	23.7	2.95	4.34	10.1	3.78	7.5	1.08	19.1	1.64	0.09	1.12	2.07
CH 102 x 51 x 10	206	40.51	48.7	3.95	6.62	27.7	7.64	14.9	1.45	21.3	2.89	0.44	1.42	2.71
CH 127 x 64 x 15	477	75.09	89.1	5.04	8.73	64.7	14.5	27.7	1.86	24.2	5.21	1.58	1.82	3.57
CH 152 x 76 x 18	838	110	129	6.11	10.48	109	20	38.3	2.21	25.0	6.24	3.95	2.04	4.12
CH 152 x 89 x 24	1154	151.4	177	6.20	11.90	210	34.5	63.7	2.64	29.8	12.9	7.21	2.67	5.34
CH 178 x 76 x 21	1329	149.5	176	7.10	12.75	129	23.6	45.3	2.21	27.5	8.87	6.39	2.05	4.14
CH 178 x 89 x 27	1735	195.2	229	7.17	14.70	234	37.7	70.9	2.63	31.5	15.8	11.1	2.58	5.16
CH 203 x 76 x 24	1948	191.7	227	8.02	15.57	146	26.3	50.8	2.20	29.4	11.5	9.55	2.00	4.02
CH 203 x 89 x 30	2469	243	286	8.10	17.68	256	40.6	77.2	2.61	32.8	18.8	16.1	2.48	4.98
CH 229 x 76 x 26	2608	228.1	272	8.87	18.50	152	26.7	51.7	2.14	30.1	12.8	13.0	1.87	3.76
CH 229 x 89 x 33	3364	294.3	349	9.01	21.05	274	42.5	81.9	2.57	34.4	22.0	22.4	2.37	4.75
CH 245 x 76 x 28	3361	264.6	319	9.67	21.78	153	26.1	51.2	2.06	31.0	14.4	16.9	1.73	3.44
CH 245 x 89 x 36	4435	349.2	416	9.89	24.65	289	44.1	85.2	2.53	35.9	25.6	30.0	2.27	4.52
CH 305 x 89 x 42	7036	461.7	572	11.52	33.74	304	44.5	92.9	2.40	39.6	39.9	57.2	2.10	4.19
CH 305 x 102 x 46	8078	530	652	11.79	34.17	472	61.7	128	2.85	41.6	49.5	86.3	2.56	5.25
CH 305 x 102 x 55	14730	773.1	952	14.55	43.17	546	70.3	145	2.80	44.1	62.8	157	2.43	4.99
CH 432 x 102 x 65	20970	971.2	1220	16.0	55.26	599	75.6	153	2.70	44.1	74.4	222	2.27	4.53

# T型鋼(等邊) Equal Flange Tees

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

- 尺寸和公差：符合BS EN 10055 • 等級：符合BS EN 10088-3:1D
- Dimension and tolerance: in accordance with BS EN 10055
- Grade: according to BS EN 10088-3:1D

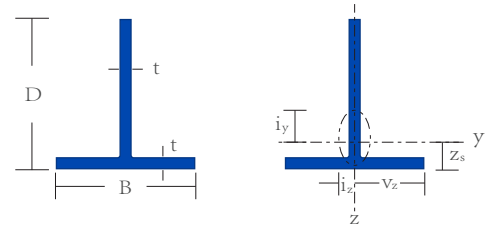


尺寸 Designation	單位重量 Mass per Unit Length	$Z_s$	$I_y$	$W_{ely}$	$i_y$	$I_z$	$W_{elz}$	$i_z$
	kg/m							
T 20 x 20 x 3	0.89	6.05	0.40	0.29	0.60	0.20	0.20	0.43
T 20 x 20 x 4	1.15	6.42	0.50	0.37	0.59	0.28	0.28	0.43
T 25 x 25 x 3	1.12	7.30	0.82	0.47	0.76	0.40	0.32	0.53
T 25 x 25 x 3.5	1.29	7.49	0.93	0.53	0.75	0.46	0.37	0.53
T 25 x 25 x 4	1.46	7.68	1.04	0.60	0.75	0.53	0.43	0.54
T 30 x 30 x 3	1.36	8.55	1.46	0.68	0.92	0.68	0.45	0.63
T 30 x 30 x 4	1.78	8.93	1.86	0.88	0.91	0.91	0.61	0.64
T 30 x 30 x 5	2.17	9.29	2.22	1.07	0.90	1.15	0.77	0.65
T 35 x 35 x 3	1.59	9.80	2.37	0.94	1.08	1.08	0.62	0.73
T 35 x 35 x 4	2.09	10.18	3.03	1.22	1.07	1.45	0.83	0.74
T 35 x 35 x 5	2.57	10.55	3.64	1.49	1.06	1.82	1.04	0.75
T 40 x 40 x 3	1.83	11.05	3.59	1.24	1.24	1.61	0.80	0.83
T 40 x 40 x 4	2.40	11.43	4.62	1.62	1.23	2.15	1.08	0.84
T 40 x 40 x 5	2.96	11.80	5.57	1.97	1.22	2.70	1.35	0.85
T 40 x 40 x 6	3.50	12.17	6.45	2.32	1.20	3.26	1.63	0.86
T 45 x 45 x 3	2.06	12.30	5.18	1.58	1.40	2.29	1.02	0.93
T 45 x 45 x 4	2.72	12.69	6.68	2.07	1.39	3.06	1.36	0.94
T 45 x 45 x 5	3.35	13.06	8.08	2.53	1.38	3.84	1.71	0.95
T 45 x 45 x 6	3.97	13.42	9.40	2.98	1.36	4.63	2.06	0.96
T 50 x 50 x 3	2.30	13.55	7.17	1.97	1.56	3.14	1.25	1.04
T 50 x 50 x 4	3.03	13.94	9.28	2.57	1.55	4.19	1.68	1.04
T 50 x 50 x 5	3.74	14.31	11.26	3.16	1.54	5.26	2.10	1.05
T 50 x 50 x 6	4.44	14.68	13.14	3.72	1.52	6.33	2.53	1.06
T 50 x 50 x 7	5.13	15.04	14.91	4.26	1.51	7.42	2.97	1.07
T 50 x 50 x 8	5.79	15.40	16.57	4.79	1.50	8.51	3.41	1.07
T 60 x 60 x 5	4.53	16.81	19.93	4.61	1.86	9.06	3.02	1.25
T 60 x 60 x 6	5.39	17.18	23.35	5.45	1.85	10.90	3.63	1.26
T 60 x 60 x 7	6.23	17.55	26.60	6.27	1.83	12.75	4.25	1.27
T 60 x 60 x 8	7.05	17.91	29.70	7.06	1.82	14.62	4.87	1.28
T 60 x 60 x 10	8.65	18.62	35.47	8.57	1.79	18.42	6.14	1.29
T 65 x 65 x 5	4.92	18.07	25.57	5.45	2.02	11.51	3.54	1.35
T 65 x 65 x 6	5.86	18.44	30.01	6.45	2.01	13.84	4.26	1.36
T 65 x 65 x 7	6.77	18.80	34.25	7.41	1.99	16.19	4.98	1.37
T 65 x 65 x 8	7.68	19.17	38.30	8.36	1.98	18.55	5.71	1.38
T 65 x 65 x 9	8.56	19.53	42.18	9.28	1.97	20.94	6.44	1.39
T 65 x 65 x 10	9.44	19.88	45.89	10.17	1.95	23.34	7.18	1.39
T 70 x 70 x 5	5.31	19.32	32.19	6.35	2.18	14.36	4.10	1.46
T 70 x 70 x 6	6.33	19.69	37.84	7.52	2.17	17.27	4.93	1.46
T 70 x 70 x 7	7.32	20.06	43.25	8.66	2.15	20.19	5.77	1.47
T 70 x 70 x 8	8.31	20.42	48.43	9.77	2.14	23.13	6.61	1.48
T 70 x 70 x 9	9.27	20.78	53.41	10.85	2.13	26.10	7.46	1.49
T 70 x 70 x 10	10.22	21.14	58.18	11.91	2.11	29.08	8.31	1.49
T 75 x 75 x 5	5.71	20.57	39.87	7.32	2.34	17.65	4.71	1.56
T 75 x 75 x 6	6.80	20.94	46.92	8.68	2.33	21.22	5.66	1.57
T 75 x 75 x 7	7.87	21.31	53.70	10.00	2.31	24.80	6.61	1.57
T 75 x 75 x 8	8.93	21.67	60.21	11.29	2.30	28.41	7.58	1.58

# T型鋼(等邊)(續) Equal Flange Tees (Continued)

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

- 尺寸和公差：符合BS EN 10055 • 等級：符合BS EN 10088-3:1D
- Dimension and tolerance: in accordance with BS EN 10055
- Grade: according to BS EN 10088-3:1D

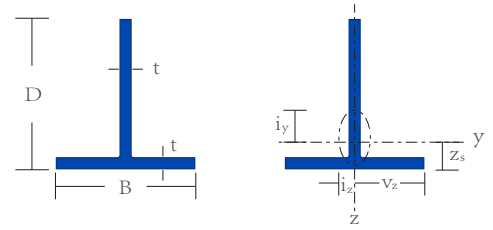


尺寸 Designation	單位重量 Mass per Unit Length	$Z_s$	$I_y$	$W_{ely}$	$i_y$	$I_z$	$W_{elz}$	$i_z$
	kg/m							
T 75 x 75 x 9	9.98	22.04	66.48	12.55	2.29	32.04	8.54	1.59
T 75 x 75 x 10	11.01	22.40	72.50	13.78	2.27	35.70	9.52	1.60
T 80 x 80 x 5	6.10	21.82	48.68	8.37	2.50	21.41	5.35	1.66
T 80 x 80 x 6	7.27	22.19	57.35	9.92	2.49	25.73	6.43	1.67
T 80 x 80 x 7	8.42	22.56	65.71	11.44	2.48	30.08	7.52	1.67
T 80 x 80 x 8	9.56	22.93	73.77	12.92	2.46	34.44	8.61	1.68
T 80 x 80 x 9	10.68	23.29	81.53	14.38	2.45	38.83	9.71	1.69
T 80 x 80 x 10	11.79	23.65	89.01	15.80	2.43	43.25	10.81	1.70
T 90 x 90 x 6	8.21	24.69	82.64	12.65	2.81	36.60	8.13	1.87
T 90 x 90 x 7	9.52	25.06	94.87	14.61	2.80	42.76	9.50	1.88
T 90 x 90 x 8	10.82	25.43	106.70	16.53	2.78	48.95	10.88	1.88
T 90 x 90 x 9	12.10	25.80	118.15	18.40	2.77	55.17	12.26	1.89
T 90 x 90 x 10	13.36	26.16	129.22	20.24	2.76	61.42	13.65	1.90
T 100 x 100 x 6	9.15	27.20	114.46	15.72	3.13	50.17	10.03	2.07
T 100 x 100 x 7	10.62	27.57	131.60	18.17	3.12	58.60	11.72	2.08
T 100 x 100 x 8	12.07	27.94	148.24	20.57	3.10	67.06	13.41	2.09
T 100 x 100 x 9	13.51	28.30	164.39	22.93	3.09	75.55	15.11	2.10
T 100 x 100 x 10	14.93	28.67	180.06	25.24	3.08	84.08	16.82	2.10
T 100 x 100 x 12	17.73	29.39	210.06	29.75	3.05	101.27	20.25	2.12
T 110 x 110 x 6	10.10	29.70	153.56	19.12	3.46	66.74	12.13	2.28
T 110 x 110 x 7	11.72	30.07	176.78	22.12	3.44	77.94	14.17	2.28
T 110 x 110 x 8	13.33	30.44	199.38	25.06	3.43	89.17	16.21	2.29
T 110 x 110 x 9	14.92	30.81	221.37	27.95	3.41	100.44	18.26	2.30
T 110 x 110 x 10	16.50	31.17	242.78	30.80	3.40	111.75	20.32	2.31
T 110 x 110 x 11	18.06	31.54	263.61	33.60	3.38	123.11	22.38	2.31
T 110 x 110 x 12	19.61	31.90	283.90	36.35	3.37	134.51	24.46	2.32
T 120 x 120 x 7	12.82	32.57	231.28	26.45	3.76	101.12	16.85	2.49
T 120 x 120 x 8	14.59	32.94	261.12	29.99	3.75	115.68	19.28	2.50
T 120 x 120 x 9	16.34	33.31	290.23	33.48	3.73	130.28	21.71	2.50
T 120 x 120 x 10	18.07	33.68	318.62	36.91	3.72	144.92	24.15	2.51
T 120 x 120 x 11	19.79	34.04	346.32	40.29	3.71	159.61	26.60	2.52
T 120 x 120 x 12	21.49	34.41	373.34	43.62	3.69	174.36	29.06	2.52
T 120 x 120 x 13	23.18	34.77	399.71	46.90	3.68	189.16	31.53	2.53
T 120 x 120 x 15	26.51	35.49	450.55	53.31	3.65	218.95	36.49	2.55
T 130 x 130 x 8	15.84	35.45	334.46	35.37	4.07	146.99	22.61	2.70
T 130 x 130 x 9	17.75	35.81	372.08	39.50	4.06	165.51	25.46	2.71
T 130 x 130 x 10	19.64	36.18	408.84	43.58	4.04	184.08	28.32	2.71
T 130 x 130 x 11	21.52	36.55	444.77	47.59	4.03	202.71	31.19	2.72
T 130 x 130 x 12	23.38	36.91	479.88	51.55	4.01	221.40	34.06	2.73
T 130 x 130 x 13	25.22	37.28	514.21	55.46	4.00	240.15	36.95	2.73
T 130 x 130 x 15	28.86	38.00	580.57	63.11	3.97	277.86	42.75	2.75
T 140 x 140 x 8	17.10	37.95	420.41	41.20	4.39	183.50	26.21	2.90
T 140 x 140 x 9	19.16	38.32	468.05	46.03	4.38	206.60	29.51	2.91
T 140 x 140 x 10	21.21	38.69	514.68	50.80	4.36	229.75	32.82	2.92
T 140 x 140 x 11	23.24	39.05	560.33	55.51	4.35	252.97	36.14	2.92
T 140 x 140 x 12	25.26	39.42	605.03	60.15	4.34	276.24	39.46	2.93

# T型鋼(等邊)(續) Equal Flange Tees (Continued)

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

- 尺寸和公差：符合BS EN 10055 • 等級：符合BS EN 10088-3:1D
- Dimension and tolerance: in accordance with BS EN 10055
- Grade: according to BS EN 10088-3:1D

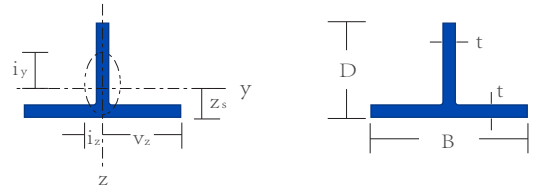


尺寸 Designation	單位重量 Mass per Unit Length	$Z_s$	$I_y$	$W_{ely}$	$i_y$	$I_z$	$W_{elz}$	$i_z$
	kg/m							
T 140 x 140 x 13	27.26	39.78	648.78	64.74	4.32	299.59	42.80	2.94
T 140 x 140 x 15	31.22	40.51	733.56	73.73	4.29	346.52	49.50	2.95
T 150 x 150 x 6	13.86	39.70	397.72	36.06	4.75	169.01	22.53	3.09
T 150 x 150 x 8	18.35	40.45	519.96	47.46	4.72	225.61	30.08	3.11
T 150 x 150 x 9	20.57	40.82	579.27	53.06	4.70	253.98	33.86	3.11
T 150 x 150 x 10	22.78	41.19	637.41	58.58	4.69	282.42	37.66	3.12
T 150 x 150 x 12	27.15	41.92	750.27	69.42	4.66	339.49	45.27	3.13
T 150 x 150 x 13	29.30	42.29	805.05	74.74	4.64	368.13	49.08	3.14
T 150 x 150 x 15	33.57	43.02	911.40	85.19	4.62	425.67	56.76	3.15
T 150 x 150 x 20	43.98	44.81	1159.75	110.26	4.55	571.17	76.16	3.19
T 160 x 160 x 10	24.35	43.69	778.26	66.91	5.01	342.58	42.82	3.32
T 160 x 160 x 12	29.03	44.43	917.12	79.35	4.98	411.73	51.47	3.34
T 160 x 160 x 13	31.35	44.79	984.64	85.47	4.97	446.43	55.80	3.34
T 160 x 160 x 15	35.93	45.52	1115.96	97.48	4.94	516.08	64.51	3.36
T 160 x 160 x 20	47.12	47.33	1423.86	126.37	4.87	692.00	86.50	3.40
T 180 x 180 x 10	27.49	48.70	1119.34	85.25	5.65	487.42	54.16	3.73
T 180 x 180 x 12	32.80	49.43	1321.62	101.22	5.62	585.62	65.07	3.74
T 180 x 180 x 13	35.43	49.80	1420.28	109.08	5.61	634.86	70.54	3.75
T 180 x 180 x 15	40.64	50.53	1612.75	124.57	5.58	733.64	81.52	3.76
T 180 x 180 x 20	53.40	52.34	2067.08	161.93	5.51	982.67	109.19	3.80
T 200 x 200 x 10	30.63	53.70	1547.93	105.80	6.30	668.25	66.83	4.14
T 200 x 200 x 12	36.57	54.44	1830.54	125.76	6.27	802.71	80.27	4.15
T 200 x 200 x 13	39.51	54.81	1968.70	135.59	6.25	870.09	87.01	4.16
T 200 x 200 x 15	45.35	55.54	2238.91	154.98	6.23	1005.20	100.52	4.17
T 200 x 200 x 20	59.68	57.36	2880.30	201.93	6.16	1345.34	134.53	4.21
T 250 x 250 x 10	38.48	66.20	3067.88	166.92	7.91	1304.08	104.33	5.16
T 250 x 250 x 12	45.99	66.95	3638.35	198.76	7.88	1565.93	125.27	5.17
T 250 x 250 x 13	49.71	67.32	3918.50	214.50	7.87	1697.05	135.76	5.18
T 250 x 250 x 15	57.12	68.05	4468.82	245.61	7.84	1959.74	156.78	5.19
T 250 x 250 x 20	75.38	69.89	5788.41	321.38	7.76	2619.50	209.56	5.22
T 300 x 300 x 10	46.33	78.71	5353.51	241.92	9.52	2252.42	150.16	6.18
T 300 x 300 x 12	55.41	79.45	6361.23	288.43	9.49	2704.15	180.28	6.19
T 300 x 300 x 13	59.92	79.82	6857.57	311.46	9.48	2930.26	195.35	6.20
T 300 x 300 x 15	68.90	80.56	7835.50	357.07	9.45	3383.02	225.53	6.21
T 300 x 300 x 20	91.08	82.40	10196.57	468.60	9.37	4518.67	301.24	6.24

# T型鋼(不等邊) Unequal Flange Tees

Profiles are laser fused with full penetration, equivalent to hot rolled.

- 尺寸和公差：符合BS EN 10055 • 等級：符合BS EN 10088-3:1D
- Dimension and tolerance: in accordance with BS EN 10055
- Grade: according to BS EN 10088-3:1D



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	t(mm)
TB 20	1.77	20	40	4
TB 25	2.76	25	50	5
TB 30	3.66	30	60	5.5
TB 35	4.68	35	70	6
TB 40	6.23	40	80	7
TB 50	9.45	50	100	8.5
TB 60	13.36	60	120	10

尺寸 Designation	$Z_s$	$I_y$	$W_{el,y}$	$i_y$	$I_z$	$W_{el,z}$	$i_z$
	mm	$mm^4 \times 10^4$	$mm^3 \times 10^3$	mm x 10	$mm^4 \times 10^4$	$mm^3 \times 10^3$	mm x 10
TB 20	4.85	0.62	0.41	0.52	2.14	1.07	0.97
TB 25	6.07	1.50	0.79	0.65	5.23	2.09	1.22
TB 30	7.09	2.91	1.27	0.79	9.93	3.31	1.46
TB 35	8.12	5.11	1.9	0.93	17.20	4.92	1.70
TB 40	9.34	8.87	2.89	1.06	29.96	7.49	1.94
TB 50	11.58	21.16	5.51	1.33	71.05	14.21	2.43
TB 60	13.82	43.18	9.35	1.59	144.42	24.07	2.91

