



UNIVERSAL BEAMS & COLUMNS



Universal Beams

Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne
150 UB Light	14.0	150.0	75	7.0	5.0	8.0	71.43
	18.0	155.0	75	9.5	6.0	8.0	55.56
180 UB Light	16.1	173	90	7.0	4.5	8.9	62.11
	18.1	175.0	90	8.0	5.0	8.9	55.25
	22.2	179.0	90	10.0	6.0	8.9	45.05
200 UB Light	18.2	198.0	99	7.0	4.5	11.0	54.95
	22.3	202.0	133	7.0	5.0	8.9	44.84
	25.4	203.0	133	7.8	5.8	8.9	39.37
	29.8	207.0	134	9.6	6.3	8.9	33.56
250 UB Light	25.7	248.0	124	8.0	5.0	12.0	38.91
	31.4	252.0	146	8.6	6.1	8.9	31.85
	37.3	256.0	146	10.9	6.4	8.9	26.81
310 UB Light	32.0	298.0	149	8.0	5.5	13.0	31.25
	40.4	304.0	165	10.2	6.1	11.4	24.75
	46.2	307.0	166	11.8	6.7	11.4	21.65
360 UB Light	44.7	352.0	171	9.7	6.9	11.4	22.37
	50.7	356.0	171	11.5	7.3	11.4	19.72
	56.7	359.0	172	13.0	8.0	11.4	17.64
410 UB Light	53.7	403.0	178	10.9	7.6	11.4	18.62
	59.7	406.0	178	12.8	7.8	11.4	16.75
460 UB Heavy	67.1	454.0	190	12.7	8.5	11.4	14.90
	74.6	457.0	190	14.5	9.1	11.4	13.40
	82.1	460.0	191	16.0	9.9	11.4	12.18
530 UB Heavy	82.0	528.0	209	13.2	9.6	14.0	12.20
	92.4	533.0	209	15.6	10.2	14.0	10.82
610 UB Heavy	101	602	228	14.8	10.6	14.0	9.90
	113	607	228	17.3	11.2	14.0	8.85
	125	612	229	19.6	11.9	14.0	8.00



Universal Columns

Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne
100 UC	14.8	97	99	7.0	5.0	10.0	67.57
150 UC Light	23.4	152	152	6.8	6.1	8.9	42.74
	30.0	158	153	9.4	6.6	8.9	33.33
	37.2	162	154	11.5	8.1	8.9	26.88
200 UC Light	46.2	203	203	11.0	7.3	11.4	21.65
	52.2	206	204	12.5	8.0	11.4	19.16
	59.5	210	205	14.2	9.3	11.4	16.81
250 UC Heavy	72.9	254	254	14.2	8.6	14.0	13.72
	89.5	260	256	17.3	10.5	14.0	11.17
310 UC Heavy	96.8	308	305	15.4	9.9	6.5	10.33
	118	315	307	18.7	11.9	16.5	8.47
	137	321	309	21.7	13.8	16.5	7.30
	158	327	311	25.0	15.7	16.5	6.33