

UNIVERSAL BEAMS

Designation	Mass per metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
127 X 76 X 13	13.0	127.0	76.0	4.0	7.6
152 X 89 X 16	16.0	152.4	88.7	4.5	7.7
178 X 102 X 19	19.0	177.8	101.2	4.8	7.9
203 X 102 X 23	23.1	203.2	101.8	5.4	9.3
203 X 133 X 25	25.1	203.2	133.2	5.7	7.8
203 X 133 X 30	30.0	206.8	133.9	6.4	9.6
254 X 102 X 22	22.0	254.0	101.6	5.7	6.8
254 X 102 X 25	25.2	257.2	101.9	6.0	8.4
254 X 102 X 28	28.3	260.4	102.2	6.3	10.0
254 X 146 X 31	31.1	251.4	146.1	6.0	8.6
254 X 146 X 37	37.0	256.0	146.4	6.3	10.9
254 X 146 X 43	43.0	259.6	147.3	7.2	12.7
305 X 102 X 25	24.8	305.1	101.6	5.8	7.0
305 X 102 X 28	28.2	308.7	101.8	6.0	8.8
305 X 102 X 33	32.8	312.7	102.4	6.6	10.8
305 X 127 X 37	37.0	304.4	123.3	7.1	10.7
305 X 127 X 42	41.9	307.2	124.3	8.0	12.1
305 X 127 X 48	48.1	311.0	125.3	9.0	14.0
305 X 165 X 40	40.3	303.4	165.0	6.0	10.2
305 X 165 X 46	46.1	306.6	165.7	6.7	11.8
305 X 165 X 54	54.0	310.4	166.9	7.9	13.7
356 X 127 X 33	33.1	349.0	125.4	6.0	8.5
356 X 127 X 39	39.1	353.4	126.0	6.6	10.7
356 X 171 X 45	45.0	351.4	171.1	7.0	9.7
356 X 171 X 51	51.0	355.0	171.5	7.4	11.5
356 X 171 X 57	57.0	358.0	172.2	8.1	13.0
356 X 171 X 67	67.1	363.4	173.2	9.1	15.7
406 X 140 X 39	39.0	398.0	141.8	6.4	8.6
406 X 140 X 46	46.0	403.2	142.2	6.8	11.2
406 X 178 X 54	54.1	402.6	177.7	7.7	10.9
406 X 178 X 60	60.1	406.4	177.9	7.9	12.8
406 X 178 X 67	67.1	409.4	178.8	8.8	14.3
406 X 178 X 74	74.2	412.8	179.5	9.5	16.0
457 X 152 X 52	52.3	449.8	152.4	7.6	10.9
457 X 152 X 60	59.8	454.6	152.9	8.1	13.3
457 X 152 X 67	67.2	458.0	153.8	9.0	15.0
457 X 152 X 74	74.2	462.0	154.4	9.6	17.0
457 X 152 X 82	82.1	465.8	155.3	10.5	18.9

UNIVERSAL BEAMS cont'd

Designation	Mass per metre	Depth of Section	Width of Section	Thickness Web	Thickness Flange
	kg/m	h mm	b mm	s mm	t mm
457 X 191 X 67	67.1	453.4	189.9	8.5	12.7
457 X 191 X 74	74.3	457.0	190.4	9.0	14.5
457 X 191 X 82	82.0	460.0	191.3	9.9	16.0
457 X 191 X 89	89.3	463.4	191.9	10.5	17.7
457 X 191 X 98	98.3	467.2	192.8	11.4	19.6
533 X 210 X 82	82.2	528.3	208.8	9.6	13.2
533 X 210 X 92	92.1	533.1	209.3	10.1	15.6
533 X 210 X 101	101.0	536.7	210.0	10.8	17.4
533 X 210 X 109	109.0	539.5	210.8	11.6	18.8
533 X 210 X 122	122.0	544.5	211.9	12.7	21.3
610 X 229 X 101	101.2	602.6	227.6	10.5	14.8
610 X 229 X 113	113.0	607.6	228.2	11.1	17.3
610 X 229 X 125	125.1	612.2	229.0	11.9	19.6
610 X 229 X 140	139.9	617.2	230.2	13.1	22.1
610 X 305 X 149	149.1	612.4	304.8	11.8	19.7
610 X 305 X 179	179.0	620.2	307.1	14.1	23.6
610 X 305 X 238	238.1	635.8	311.4	18.4	31.4
686 X 254 X 125	125.2	677.9	253.0	11.7	16.2
686 X 254 X 140	140.1	683.5	253.7	12.4	19.0
686 X 254 X 152	152.4	687.5	254.5	13.2	21.0
686 X 254 X 170	170.2	692.9	255.8	14.5	23.7
762 X 267 X 134	133.9	750.0	264.4	12.0	15.5
762 X 267 X 147	146.9	754.0	265.2	12.8	17.5
762 X 267 X 173	173.0	762.2	266.7	14.3	21.6
762 X 267 X 197	196.8	769.8	268.0	15.6	25.4
838 X 292 X 176	175.9	834.9	291.7	14.0	18.8
838 X 292 X 194	193.8	840.7	292.4	14.7	21.7
838 X 292 X 226	226.5	850.9	293.8	16.1	26.8
914 X 305 X 201	200.9	903.0	303.3	15.1	20.2
914 X 305 X 224	224.2	910.4	304.1	15.9	23.9
914 X 305 X 253	253.4	918.4	305.5	17.3	27.9
914 X 305 X 289	289.1	926.6	307.7	19.5	32.0
914 X 419 X 343	343.3	911.8	418.5	19.4	32.0
914 X 419 X 388	388.0	921.0	420.5	21.4	36.6