



# WELDED BEAMS & COLUMNS



## Welded Beams

Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Depth Between Flanges mm	m/tonne
700	115.0	692	250	16.0	10.0	660.0	8.70
	130.0	700	250	20.0	10.0	660.0	7.69
	150.0	710	250	25.0	10.0	660.0	6.67
	173.0	713	275	28.0	10.0	660.0	5.78
800	122.0	792	250	16.0	10.0	760.0	8.20
	146.0	800	275	20.0	10.0	760.0	6.85
	168.0	810	275	25.0	10.0	760.0	5.95
	192.0	816	300	28.0	10.0	760.0	5.21
900	175.0	900	300	20.0	12.0	860.0	5.71
	218.0	910	350	25.0	12.0	860.0	4.59
	257.0	916	400	28.0	12.0	860.0	3.89
	282.0	924	400	32.0	12.0	860.0	3.55
1000	215.0	1000	300	20.0	16.0	960.0	4.65
	258.0	1010	350	25.0	16.0	960.0	3.88
	296.0	1016	400	28.0	16.0	960.0	3.38
	322.0	1024	400	32.0	16.0	960.0	3.11
1200	249.0	1170	275	25.0	16.0	1120.0	4.02
	278.0	1170	350	25.0	16.0	1120.0	3.60
	317.0	1176	400	28.0	16.0	1120.0	3.15
	342.0	1184	400	32.0	16.0	1120.0	2.92
	392.0	1184	400	32.0	16.0	1120.0	2.55
	423.0	1192	500	36.0	16.0	1120.0	2.36
	455.0	1200	500	40.0	16.0	1120.0	2.20



## Welded Columns

Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Depth Between Flanges mm	m/tonne
350	197.0	331	350	28.0	20.0	275.0	5.08
	230.0	339	350	32.0	25.0	275.0	4.35
	258.0	347	350	36.0	28.0	275.0	3.88
	280.0	355	350	40.0	28.0	275.0	3.57
400	144.0	382	400	16.0	16.0	350.0	6.94
	181.0	390	400	20.0	20.0	350.0	5.52
	212.0	400	400	25.0	20.0	350.0	4.72
	270.0	414	400	32.0	25.0	350.0	3.70
	303.0	422	400	36.0	28.0	350.0	3.30
	328.0	430	400	40.0	28.0	350.0	3.05
	361.0	430	400	40.0	40.0	350.0	2.77
500	228.0	490	500	20.0	20.0	450.0	4.39
	267.0	500	500	25.0	20.0	450.0	3.75
	290.0	506	500	28.0	20.0	450.0	3.45
	340.0	514	500	32.0	25.0	450.0	2.94
	383.0	472	500	36.0	32.0	400.0	2.61
	414.0	480	500	40.0	32.0	400.0	2.42
	440.0	480	500	40.0	40.0	400.0	2.27