



FLANGED BEAMS & CHANNELS



Taper Flanged 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
100 x 45	7.2	100	45	6.0	4.0	7.0	138.89
125 x 65	13.1	125	65	8.5	5.0	8.0	76.34



Taper Flanged Channel

Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne
* 50 x 25	4.46	50	25	5.0	4.0	6.0	224.22

* Denotes imported section



(Merchant) Parallel Flanged Channel

Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne
75 x 40	5.92	75	40	6.1	3.8	8.0	168.92
100 x 50	8.33	100	50	6.7	4.2	8.0	120.05
125 x 65	11.9	125	65	7.5	4.7	8.0	84.03

Length range is 7.5m, 9.0m and 12.0m.



(Light) Structural Parallel Flanged Channel

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 x 75	17.7	150	75	9.5	6.0	10.0	56.50
180 x 75	20.9	180	75	11.0	6.0	12.0	47.85
200 x 75	22.9	200	75	12.0	6.0	12.0	43.67
230 x 75	25.1	230	75	12.0	6.5	12.0	39.84
250 x 90	35.5	250	90	15.0	8.0	12.0	28.17

Length range is 9.0m, 10.5m, 12.0m, 13.5m, 15.0m, 16.5m and 18.0m.



(Heavy) Structural Parallel Flanged Channel

Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne
300 x 90	40.1	300	90	16.0	8.0	14.0	24.94
380 x 100	55.2	380	100	17.5	10.0	14.0	18.12

Length range is 9.0m, 10.5m, 12.0m, 13.5m, 15.0m, 16.5m and 18.0m. Some length range not stocked at all locations.