

## Section Properties

Key to structural sections

Section Depth	S = Stud Or T = Track	Flange Width (mm)	Thickness (mm x 10)
150	S	50	15

Section Ref	t (mm)	Mass (kg/m)	Area (cm <sup>2</sup> )	Ixx (cm <sup>2</sup> )	Iyy (cm <sup>2</sup> )	Ryy (cm)	Zyy (cm)	Zxr (cm <sup>2</sup> )	Cy (mm)	Cx (mm)	esXCG (mm)	Es (mm)	Dim. D	Dim. B	Dim. C	Dim. L	Dim. E	Dim. F
100S5012	1.20	2.00	2.54	40.24	8.33	1.84	2.51	7.75	16.25	50.00	21.17	4.92	100	50	-	12	-	-
100S5015	1.50	2.47	3.15	49.94	10.24	1.83	3.10	9.99	16.23	50.00	19.93	3.70	100	50	-	12	-	-
100S5020	2.00	3.25	4.15	65.46	13.24	1.80	4.04	13.09	16.20	50.00	18.14	1.94	100	50	-	12	-	-
104T4012	1.20	1.69	2.15	33.67	3.18	1.24	2.66	4.26	9.25	51.86	3.70	5.55	104	40	-	-	-	-
104T7012	1.20	2.26	2.88	52.48	14.68	2.30	7.29	4.72	20.65	52.38	3.80	16.85	104	70	-	-	-	-
104T7020	2.00	3.74	4.77	89.20	24.41	2.28	12.16	9.72	20.95	53.15	6.53	14.42	104	70	-	-	-	-
150S5012																		
150S5015																		
150S5020																		
154T4012																		
154T7012																		
154T7020																		



Ground Floor  
Forge House  
Morgan Street  
Pontypridd  
RCT  
CF37 2DS

Tel. 01443 400700  
Fax. 01443 480232  
Email. [info@manorcrafft.net](mailto:info@manorcrafft.net)  
Web. [www.manorcrafft.net](http://www.manorcrafft.net)