

HOLLOW SECTION YST 310 GRADE

Confirming To IS 4923/1997

SHS B X D	Thick	Weight
mm	mm	kg/mtr
15 x 15	2.0	0.95
	2.5	1.17
	2.9	1.32
19 x 19	2.0	0.99
	2.6	1.20
	2.9	1.30
25 x 25	2.0	1.36
	2.6	1.69
	3.2	1.98
30 x 30	2.6	2.10
	3.2	2.49
	4.0	2.94
32 x 32	2.0	1.80
	2.6	2.26
	3.2	2.69
	4.0	3.19
38 x 38	2.6	2.75
	2.9	3.03
	3.2	3.29
	3.6	3.63
	4.0	3.95
50 x 50	2.6	3.74
	2.9	4.12
	3.6	4.98
	4.5	6.02
60 x 60	2.6	4.55
	3.2	5.5
	4.0	6.71
	4.8	7.85
72 x 72	3.2	6.71
	4.0	8.22
	4.8	9.66
80 x 80	3.2	7.51
	4.0	9.22
	4.8	10.87
91.5 x 91.5	3.6	9.67
	4.5	11.88
	5.4	14.01

SHS B X D	Thick	Weight
mm	mm	kg/mtr
100 x 100	4.0	11.73
	5.0	14.41
	6.0	16.98
113.5 x 113.5	4.5	14.99
	4.8	15.92
	5.4	17.74
132 x 132	4.8	18.71
	5.4	20.88
150 x 150	4.0	18.01
	5.0	22.26
	6.0	26.4
	8.0	34.38
180 x 180	4.0	21.78
	5.0	26.97
	6.0	32.05
	8.0	41.91
220 x 220	6.0	39.59
	8.0	51.96
	10.0	63.92
	12.0	75.47

RHS B X D	Thick	Weight
mm	mm	kg/mtr
40 x 20	2.0	1.68
	2.6	2.10
	3.2	2.49
50 x 25	2.0	2.15
	2.6	2.71
	3.2	3.24
	4.0	3.88
60 x 40	2.6	3.73
	2.9	4.12
	3.6	4.98
	4.5	6.02
66 x 33	2.6	3.69
	2.9	4.07
	3.6	4.93
	4.5	5.95

RHS B X D	Thick	Weight
mm	mm	kg/mtr
80 x 40	2.6	4.55
	3.2	5.5
	4.0	6.71
	4.8	7.85
96 x 48	3.2	6.71
	4.0	8.22
	4.8	9.66
122 x 61	3.6	9.67
	4.5	11.88
	5.4	14.01
145 x 82	4.8	15.92
	5.4	17.74
172 x 92	4.8	18.71
	5.4	20.88
200 x 100	4.0	18.01
	5.0	22.26
	6.0	26.4
	8.0	34.38
	10.0	41.91
220 x 140	4.0	21.78
	5.0	26.97
	6.0	32.05
	8.0	41.91
	10.0	51.96
240 x 120	4.0	21.78
	5.0	26.97
	6.0	32.05
	8.0	41.91
260 x 180	6.0	39.59
	8.0	51.96
	10.0	63.92
	12.0	75.47
	14.0	87.94
300 x 150	6.0	40.53
	8.0	53.22
	10.0	65.49
	12.0	77.35
	14.0	89.21
300 x 200	6.0	45.24
	8.0	59.5
	10.0	73.34
	12.0	86.77

TOLERANCE

- * Thickness : + 10 %
- * Outside Dimensions of Sides : + 1 %
- with a minimum of : + 0.5 mm
- * Weight on individual lengths : + 10 %
- : - 8 %
- On lots of 10 mt : + 7.5 %
- * Squareness of corner : 90 deg + 2 deg

STEEL TUBES MECHANICAL AND GENERAL ENGINEERING - STRUCTURALS COMMERCIAL PIPES

Size in MM	THICKNESS												
	1.20	1.40	1.60	1.80	2.00	2.20	2.50	2.90	3.20	3.60	4.00	4.30	4.50
	Weight in Kgs per meter												
15 X 15	0.530	0.610	0.690	0.768	-	-	-	-	-	-	-	-	-
19 X 19	0.680	0.787	0.892	0.993	-	-	-	-	-	-	-	-	-
25 X 25	0.907	1.050	1.193	1.333	-	-	-	-	-	-	-	-	-
30 X 30	1.095	1.270	1.443	1.615	1.785	1.991	2.244	-	-	-	-	-	-
32 X 32	1.170	1.358	1.545	1.728	-	2.132	2.404	-	-	-	-	-	-
38 X 38	1.397	1.622	1.845	2.068	2.287	2.555	2.884	-	-	-	-	-	-
50 X 50	1.848	2.148	2.448	2.745	3.040	3.400	3.845	-	-	-	-	-	-
60 X 60	2.225	2.588	2.950	3.310	3.668	4.104	4.645	-	-	-	-	-	-
72 X 72	2.677	3.117	3.553	3.988	4.422	4.949	5.606	6.348	-	-	-	-	-
80 X 80	-	-	-	-	4.925	5.513	6.246	7.075	-	-	-	-	-
91.5 X 91.5	-	-	-	-	5.647	6.323	7.166	8.123	8.938	-	-	-	-
100 X 100	-	-	-	-	6.180	6.922	7.847	8.897	9.793	10.982	-	-	-
113.5 X 113.5	-	-	-	-	7.027	7.718	8.752	10.125	11.150	12.508	13.858	14.865	-
132 X 132	-	-	-	-	-	-	-	11.807	13.005	14.595	16.177	17.358	18.143
150 X 150	-	-	-	-	-	-	-	13.448	14.817	16.633	-	-	-

Size in MM	THICKNESS												
	1.20	1.40	1.60	1.80	2.00	2.20	2.50	2.90	3.20	3.60	4.00	4.30	4.50
	Weight in Kgs per meter												
40 X 20	1.095	1.270	1.443	1.615	-	-	-	-	-	-	-	-	-
50 X 25	1.397	1.622	1.845	2.068	-	-	-	-	-	-	-	-	-
60 X 40	1.848	2.148	2.448	2.745	3.040	3.400	3.845	-	-	-	-	-	-
80 X 40	2.225	2.588	2.950	3.310	3.668	4.104	4.645	-	-	-	-	-	-
96 X 48	2.677	3.117	3.553	3.988	4.422	4.949	5.606	6.348	-	-	-	-	-
122 X 61	-	-	-	-	5.647	6.323	7.166	8.123	8.938	-	-	-	-
145 X 82	-	-	-	-	-	-	8.927	10.125	11.150	12.508	13.858	14.865	15.535
200 X 100	-	-	-	-	-	-	-	13.448	14.817	16.633	-	-	-

TOLERANCE

- * Outside Dimensions of Sides with minimum of
- * Weight on individual lengths

- on lots of 10mt : + 7.5%
- * Squareness of Corner : 90 deg. + 2 deg.