



Dimensions and Properties of Square Hollow Sections As per IS: 4923:1997

Designation	Depth or Width	Thickness	Weight	Area of Section
mm	mm	mm	Kg/m	cm²
25.0x25.0x2.6	25	2.6	1.69	2.16
25.0x25.0x3.2	25	3.2	1.98	2.53
30.0x30.0x2.6	30	2.6	2.1	2.68
30.0x30.0x3.2	30	3.2	2.49	3.17
30.0x30.0x4.0	30	4	2.94	3.75
32.0x32.0x2.6	32	2.6	2.26	2.88
32.0x32.0x3.2	32	3.2	2.69	3.42
32.0x32.0x4.0	32	4	3.19	4.07
35.0x35.0x2.6	35	2.6	2.51	3.2
35.0x35.0x3.2	35	3.2	2.99	3.81
35.0x35.0x4.0	35	4	3.57	4.55
38.0x38.0x2.6	35	2.6	2.75	3.51
38.0x38.0x2.9	38.8	2.9	3.03	3.86
38.0x38.0x3.2	38.8	3.2	3.29	4.19
38.0x38.0x3.6	38.8	3.6	3.63	4.62
38.0x38.0x4.0	38.8	4	3.95	5.03
40.0x40.0x2.6	38.8	2.6	2.92	3.72
40.0x40.0x3.2	40	3.2	3.49	4.45
40.0x40.0x3.6	40	4	3.85	4.91
40.0x40.0x4.0	40	2.6	4.2	5.35
45.0x45.0x2.6	40	2.9	3.32	4.24
45.0x45.0x2.9	45	3.2	3.66	4.67
45.0x45.0x3.2	45	3.6	3.99	5.09
45.0x45.0x3.6	45	4.5	4.42	5.63
45.0x45.0x4.5	45	4.5	5.31	6.77
49.5x49.5x2.9	49.5	2.9	4.07	5.19
49.5x49.5x3.6	49.5	3.6	4.93	6.28
49.5x49.5x4.5	49.5	4.5	5.95	7.58
60x60x2.6	60	2.6	4.55	5.8
60x60x2.9	60	2.9	5.03	6.41
60x60x3.2	60	3.2	5.5	7.01
60x60x4	60	4	6.71	8.55
60x60x4.8	60	4.8	7.85	10
72x72x3.2	72	3.2	6.71	8.54
72x72x4	72	4	8.22	10.47
72x72x4.8	72	4.8	9.66	12.31
80x80x3.2	80	3.2	7.51	9.57
80x80x4	80	4	9.22	11.75
80x80x4.8	80	4.8	10.87	13.84
91.5x91.5x3.6	91.5	3.6	9.67	12.32
91.5x91.5x4.5	91.5	4.5	11.88	15.14
91.5x91.5x5.4	91.5	5.4	14.01	17.85
100x100x4	100	4	11.73	14.95
100x100x5	100	5	14.41	18.36
100x100x6	100	6	16.98	21.63
113.5x113.5x5.4	113.5	5.4	17.74	22.6
132x132x4.8	132	4.8	18.7	23.83
132x132x5.4	132	5.4	20.88	26.59
150x150x4	150	4	18.01	22.95
150x150x5	150	5	22.26	28.36
150x150x6	150	6	26.4	33.63
150x150x7	150	7	30.44	38.78
150x150x8	150	8	34.37	43.79