

HOLLOW STEEL SECTIONS FOR STRUCTURAL USE SQUARE HOLLOW SECTION (SHS)

Conforming to IS-4923:2017

SHS mm	THICKNESS mm	UNIT WEIGHT	
		Kg/Meter	Meter/Ton
15 X 15	1.80	0.68	1471
	2.00	0.74	1351
	2.30	0.81	1235
	2.60	0.99	1010
19 X 19	2.00	0.99	1010
	2.60	1.20	833
	2.90	1.30	769
25 X 25	2.00	1.36	735
	2.60	1.69	592
	3.20	1.98	505
30 X 30	2.00	1.68	595
	2.30	1.89	529
	2.60	2.10	476
	3.20	2.49	402
32 X 32	2.60	2.26	442
	2.90	2.48	403
	3.20	2.69	372
38 X 38	2.00	2.18	459
	2.60	2.75	364
	2.90	3.03	330
	3.20	3.29	304
40 X 40	2.00	2.31	433
	2.60	2.92	342
	3.20	3.49	287
	3.50	3.76	266
50 X 50	2.60	3.73	268
	3.20	4.50	222
	3.50	4.86	206
60 X 60	2.60	4.55	220
	3.20	5.50	182
	4.00	6.71	149
	4.50	7.43	135
72 X 72	3.20	6.71	149
	4.00	8.22	122
	5.00	10.01	100

JYOTI
Ek Kadam Aage
HRC-100
PIPES & TUBES



SHS mm	THICKNESS mm	UNIT WEIGHT	
		Kg/Meter	Meter/Ton
80 X 80	2.90	6.85	146
	3.20	7.51	133
	4.00	9.22	108
	4.50	10.26	97
91.5 X 91.5	3.60	9.67	103
	4.50	11.88	84
	4.80	12.60	79
100 X 100	4.00	11.73	85
	5.00	14.41	69
	6.00	16.98	59
113.5 X 113.5	4.50	14.99	67
	4.80	15.92	63
	5.40	17.74	56
	6.00	19.53	51
125 X 125	4.50	16.62	60
	5.00	18.33	55
	6.00	21.69	46
132 X 132	4.50	17.61	57
	4.80	18.71	53
	5.40	20.88	48
	6.00	23.01	43
150 X 150	4.00	18.01	56
	5.00	22.26	45
	6.00	26.40	38

Note :- The sizes & thickness other than those given in table may be supplied by mutual agreement b/w supplier and purchaser.

TENSILE PROPERTIES

Grade	Y.S. (MPa) (Min.)	T.S. (MPa) (Min.)	Elongation (%)	
			For Size ≤ 25.4mm	For Size > 25.4mm
YSt 210	210	330	12	20
YSt 240	240	410	10	15
YSt 310	310	450	8	10
YSt 355	355	490	8	10

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