

TOLERANCES FOR REGULAR HOLLOW SECTIONS

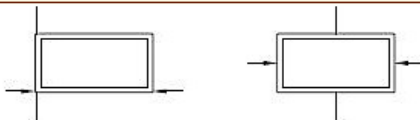


Table 1

SPECIFIED WIDTH OR WIDTH ACROSS FLATS		TOLERANCES	
OVER	UP TO& INCLUDING	When Measured at the Corners of the Section	When Measured at the Centres of the Section
10	20	±0.30	±0.46
20	30	±0.38	±0.55
30	40	±0.45	±0.65
40	50	±0.52	±0.80
50	60	±0.60	±1.00
60	80	±0.70	±1.20
80	100	±0.80	±1.40
100	120	±0.90	±1.65
120	140	±1.00	±1.90
140	160	±1.14	±2.20
160	180	±1.27	±2.45

WALL THICKNESS TOLERANCES

Table 2

Wall Thickness M.M	Over	10	20	30	40	50	60	80	100	120	140	160
	Upto	20	30	40	50	60	80	100	120	140	160	180
Over	Upto	±	±	±	±	±	±	±	±	±	±	±
1.0	1.5	0.28	0.28	0.28	0.30							
1.5	2.0	0.30	0.33	0.33	0.36							
2.0	2.5	0.33	0.33	0.36	0.38	0.43	0.46					
2.5	3.0	0.41	0.43	0.46	0.48	0.51	0.53	0.56				
3.0	4.0	0.53	0.56	0.58	0.61	0.64	0.66	0.69	0.71	0.74		
4.0	5.0		0.71	0.74	0.76	0.79	0.81	0.84	0.86	0.89	0.91	0.94
5.0	6.0			0.97	0.99	1.02	1.04	1.07	1.09	1.12	1.14	1.17
6.0	8.0				1.22	1.24	1.27	1.30	1.32	1.35	1.37	1.40
8.0	10					1.47	1.50	1.52	1.55	1.57	1.60	1.63
10	12					1.73	1.75	1.78	1.80	1.83	1.85	1.88
12	16						1.98	2.00	2.03	2.06	2.08	2.11
16	20							2.24	2.26	2.29	2.31	2.34
20	25							2.49	2.51	2.54	2.57	2.59

NOTE

1) For non heat-treatable Alloys ,these tolerance are applicable when wall thickness of the section is at least 1.5 mm or 1/32 of overall width,whichever is greater.

2) These Tolerance are applicable to Hollow sections other than Round Tubes

3) For high-magnesium non-heat treatable alloys are extra tolerance of 50% shall be allowed.