



TOLERANCES ON LENGTH FOR REGULAR HOLLOW SECTIONS

SPECIFIED CIRCUMSCRIBING CIRCLE DIAMETER		CUT LENGTH TOLERANCES				
OVER	UP TO & INCLUDING	Over Upto	— 1500	1500 3000	3000 6000	6000 7500
—	50		± 5.0	± 5.0	± 6.0	± 8.0
50	100		5.0	6.0	8.0	10.0
100	150		6.0	8.0	10.0	12.0
150 AND ABOVE			8.0	10.0	12.0	14.0

Table 3

TOLERANCES OF TWIST & STRAIGHTNESS

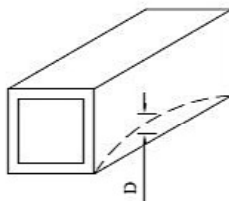


Table 4

SPECIFIED CIRCUMSCRIBING CIRCLE DIAMETER	WALL THICKNESS	ALLOWABLE DEVIATION (D) FROM STRAIGHTNESS	
		In one Metre length	In Total length
Up to 25 mm	Up to 2.35 mm	5.0 mm	5.0xLENGTH
	2.35 and above	1.7 mm	1.7xLENGTH
25 mm and above	ALL	1.7 mm	1.7xLENGTH

TOLERANCES OF FLATNESS FOR HOLLOW & SOLID

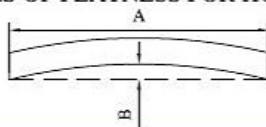


Table 5

WIDTH OF SECTION (A) OVER	UP TO & INCLUDING	TOLERANCE (B)
—	Up to 25 mm	0.18 mm
25 mm	38 mm	0.25 mm
38 mm	50 mm	0.30 mm
50 mm	—	0.30+0.13 mm for every 25 mm of width

Example:- The tolerances for solid section of 150 mm width shall be as follows

$$+(0.30+0.13 \times 150/25) = (0.30+0.13 \times 6) = 1.08 \text{ mm}$$