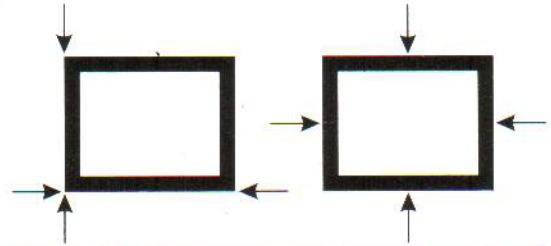


GENERAL INFORMATION

**TABLE 13
Hollow Sections: Width Tolerance**

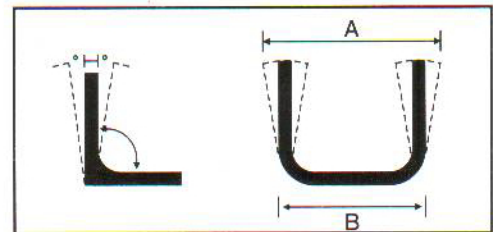


Specified Width or Width across flats (mm)		Width tolerance \pm when measured	
Over	Upto	at corners	at centre
10.0	20.0	0.30	0.46
20.0	30.0	0.38	0.55
30.0	40.0	0.45	0.65
40.0	50.0	0.52	0.80
50.0	60.0	0.60	1.00
60.0	80.0	0.70	1.20
80.0	100.0	0.80	1.40
100.0	120.0	0.89	1.65
120.0	140.0	1.02	1.90
140.0	160.0	1.14	2.20
160.0	180.0	1.27	2.45
180.0	200.0	1.40	2.70

Notes:

1. These tolerances are applicable to hollow sections other than round tubes.
2. For non-heat-treatable alloys, these tolerances are applicable when wall thickness of the section is at least 1.5 mm or 1/32 of overall width, whichever is greater. For heat-treated alloys, these tolerances are applicable when wall thickness is at least 1.5 mm or 1/24 of overall width, whichever is greater.
3. For high-magnesium non-heat-treatable alloys (5052, 5056, 5083, 5086), an extra tolerance of 50% shall be allowed.

**TABLE 14
Solid & Hollow Sections: Angularity Tolerance**



Displacement of any one leg to be controlled independently by angular tolerances

Specified thickness of thinnest leg mm	Allowable deviation from specified angle degree \pm
Upto 5.0	2.0
Over 5.0 upto 19.0	1.5
Over 19.0	1.0

Notes :

Angles should be measured at the extremities of the section. If the cases of the sections are convex, the angle should be measured by balancing the arms of the protractor at the middle of the section.