

**Flatness Tolerance Sheet/Coil****6.1 Sheet, Not Stretcher Leveled**

The following table does not apply to cold worked tempers of austenitic grades.

<b>Table 14</b>		
<b>Specified Thickness Inch</b>	<b>Specified Width Inches</b>	<b>Variation from Flat, Inch</b>
Up to 0.062, excl	24 to 36, incl	1/2
Over 36 to 60, incl	3/4	
Over 60	1	
0.062 to 0.1875, excl	24 to 60, incl	1/2
Over 60 to 72, incl	3/4	
Over 72	1	

**Flatness Tolerance Plate****6.4 Plate**

The requirements of Table 17 apply to plate up to 15 feet, inclusive, in length, or to any 15 feet of longer plates. If the longer dimension is under 3 feet, the variation from flat shall be not greater than 1/4 inch in any direction.

**6.4.1**

Titanium plate, when specified to have "Special Flatness", shall be creep flattened in a stress-free condition with deviation from flat not exceeding 0.060 inch in any 12 inches, with total deviation not exceeding 0.125 inch.

Table 17

Specified Thickness Inches	Variation from Flat Inches For Width Ranges Shown Inches Up to 48, incl	Variation from Flat Inches For Width Ranges Shown Inches Over 48 to 60, excl	Variation from Flat Inches For Width Ranges Shown Inches Over 60 to 72, excl	Variation from Flat Inches For Width Ranges Shown Inches Over 72 to 84, excl	Variation from Flat Inches For Width Ranges Shown Inches Over 84 to 96, excl	Variation from Flat Inches For Width Ranges Shown Inches Over 96 to 108, excl
0.1875 to 0.250, excl	3/4	1-1/16	1-1/4	1-3/8	1-5/8	1-5/8
0.250 to 0.375, excl	11/16	3/4	15/16	1-1/8	1-3/8	1-7/16
0.375 to 0.500, excl	1/2	9/16	11/16	3/4	15/16	1-1/8
0.500 to 0.750, excl	1/2	9/16	5/8	5/8	13/16	1-1/8
0.750 to 1.000, excl	1/2	9/16	5/8	5/8	3/4	13/16
1.000 to 1.500, excl	1/2	9/16	9/16	9/16	11/16	11/16
1.500 to 4.000, excl	3/16	5/16	3/8	7/16	1/2	9/16
4.000 to 6.000, excl	1/4	3/8	1/2	9/16	5/8	3/4