

Tolerance below apply to the following alloys:

253, 330, 333, 304, 309, 316, 321, 347, 410, 446, 2205, 2507, 2101, 17-4, 17-5, 800

Tolerances listed were taken from ASTM A480

Table A2.8 Permitted Variations in Flatness of Cold-Rolled, Wide, Coil-Processed product as Cut Lengths

Not Specified to Stretcher-Levelled Standard of Flatness*		
Specified Thickness, in. [mm]	Width, in. [mm]	Flatness Tolerance, ** in. [mm]
<0.062 [1.57]	≤50 [1524]	0.40 [10]
	>60 [1524]	0.50 [12]
≥0.062 [1.57]	≤50 [1524]	0.40 [10]

* Not specified to stretcher-levelled standard of flatness, and not including hard tempers of 2xx and 3xx Series, dead-soft sheets, and deep-drawing sheets.

** Maximum deviation from a horizontal flat surface.

*** Not including hard tempers 2xx and 3xx Series, dead-soft sheets, and deep-drawing sheets.

Hot Rolled Coil

Table A2.16 Permitted Variations in Flatness of Hot-Rolled, Wide, Coil-Processed Product as Cut Lengths

Not Specified to Stretched-Levelled Standard of Flatness		
Specified Thickness (t), in. [mm]	Width (w), in. [mm]	Flatness Tolerance, * in. [mm]
t < 3/16 [4.76]	w ≤ 36 [914]	0.50[12.7]
	36 [914] < w ≤ 60 [1524]	0.75 [19.1]
	w > 60 [1524]	1.00 [25.4]
t ≥ 3/16 [4.76]	w ≤ 60 [1524]	0.90 [23]
	60 [1524] < w ≤ 72 [1829]	1.20 [30]
	w > 72 [1829]	1.50 [38]