

AMS Thickness Tolerances

2.3 Hot-Rolled Plate:

Minus tolerance shall be 0.010 inch for all widths and thicknesses in all alloys; plus tolerances shall be shown in 2.3.1 and 2.3.2.

2.3.1 Nickel, Nickel-Chromium, and Nickel-Copper Alloys: Tolerances shown in Table 4 are only approximate for precipitation-hardenable nickel-chromium alloys; failure to meet these tolerances shall not be cause for rejection of such alloy product.

Table 4							
Specified Thickness (T) Inches		Thickness Tolerance, Inch, Plus Only For Widths Up to 48 Inches,	Thickness Tolerance, Inch, Plus Only For Widths 48 to 60 Inches,	Thickness Tolerance, Inch, Plus Only For Widths 60 to 72 Inches,	Thickness Tolerance, Inch, Plus Only For Widths 72 to 84 Inches,	Thickness Tolerance, Inch, Plus Only For Widths 84 to 96 Inches,	
0.1875	to 0.3125	0.113T	0.132T	0.150T	0.169T	0.184T	
0.3125	to 0.375,	0.094T	0.113T	0.132T	0.150T	0.169T	
0.375	to 0.4375,	0.088T	0.094T	0.113T	0.132T	0.150T	
0.4375	to 0.500,	0.075T	0.088T	0.094T	0.113T	0.132T	
0.500	to 0.625,	0.063T	0.075T	0.088T	0.094T	0.113T	
0.625	to 0.750,	0.057T	0.069T	0.075T	0.088T	0.094T	
0.750	to 1.000,	0.050T	0.057T	0.069T	0.075T	0.088T	
1.000	and over	0.050TG	0.050T	0.057T	0.069T	0.075T	

The tolerances below are for master plates only. Thickness is measured at least 3/8" from a mill edge but no more than 3" from that edge. Minus Tolerance is always .010

1-800-521-0332 www.rolledalloys.com