

AERONAUTICAL MATERIAL SPECIFICATION

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Revised

TOLERANCES Alloy Steel Sheet and Strip

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- PURPOSE:** To publish established manufacturing tolerances.
- APPLICATION:** Tolerances shown herein apply, unless otherwise agreed between purchaser and vendor. These tolerances apply to all conditions, unless otherwise noted.
- THICKNESS:**

TABLE I

Thickness Inches	Tolerance, Inch			
	For sheets 14 inches wide or less		For sheets over 14 inches wide	
0.018 and less	+ .002	- .002		+ .002
Over 0.018 to 0.028, incl.	+ .002	- .003		+ .003
Over 0.028 to 0.037, incl.	+ .003	- .003		+ .003
Over 0.037 to 0.050, incl.	+ .003	- .003		+ .004
Over 0.050 to 0.062, incl.	+ .004	- .004		+ .004
Over 0.062 to 0.078, incl.	+ .004	- .004		+ .005
Over 0.078 to 0.109, incl.	+ .006	- .006		+ .006
Over 0.109 to 0.141, incl.	+ .006	- .006		+ .007
Over 0.141 to 0.187, incl.	+ .006	- .006		+ .008
Over 0.187 to 0.250, incl.	+ .020	- .010	+ .020	- .010
Over 0.250 to 0.375, incl.	+ .025	- .010	+ .025	- .010
Over 0.375 to 0.500, incl.	+ .030	- .010	+ .030	- .010
Over 0.500 to 0.625, incl.	+ .035	- .010	+ .035	- .010
Over 0.625 to 0.750, incl.	+ .040	- .010	+ .040	- .010
Over 0.750 to 0.875, incl.	+ .045	- .010	+ .045	- .010
Over 0.875 to 1.000, incl.	+ .050	- .010	+ .050	- .010
Over 1.000 to 1.500, incl.	+ .065	- .010	+ .065	- .010

Thickness is measured at any place on stock less than 1 inch wide; at any place 3/8 inch from an edge on stock 1 inch or wider.

