

AERONAUTICAL MATERIAL SPECIFICATION

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TOLERANCES Magnesium Alloy Sheet and Plate

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

TABLE I

SHEET AND PLATE

Nominal Thickness Inch	Tolerances, Inch, Plus and Minus	
	Width Ranges, Inches	
	Under 36	36 and over
0.036 and under	0.002	0.0025
Over 0.036 to 0.050, incl	0.0025	0.003
Over 0.050 to 0.080, incl	0.003	0.004
Over 0.080 to 0.249, incl	0.05 x T	0.05 x T
Over 0.249 to 0.500, incl	0.04 x T	0.04 x T
Over 0.500	0.03 x T	0.03 x T

- WIDTH:**

TABLE II

SHEET AND PLATE

Nominal Thickness Inch	Tolerance, Inch, Plus and Minus		
	Width Ranges, Inches		
	18 and under	Over 18 to 36 incl	Over 36
0.102 and under	1/16	3/32	1/8
Over 0.102 to 0.249, incl	3/32	1/8	3/16
Over 0.249 to 0.500, incl	3/16	3/16	3/16
Over 0.500 to 1.000, incl	1/4	1/4	1/4
Over 1.000	3/8	3/8	3/8

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