

# PRECISION THIN METALS

## *Precision Thin Metals Standard Tolerances*

*Individual materials will vary due to their unique mechanical and/or physical characteristics.*

	<b>Tolerance</b>	<b>Thickness Range</b>	<b>Width Range</b>
Thickness	± 5% ± 10%	.0025" to .030" .0001" to .0024"	All Available Widths
Width	± .003" ± .005" ± .010"	All Available Thicknesses	Up to 1.0" 1.0" to 9.0" 9.0" to 16.5"
Length	+.125"/.000" (up to 5 ft. long)	All Available Thicknesses	All Available Widths
Camber	1.50" max. in 8 ft. 0.50" max. in 8 ft. 0.25" max. in 8 ft.	All Available Thicknesses Over .0005"	Up to .250" .250" to 1.50" 1.50" to 16.5"
Flatness	.010" max. .010"/inch of width max. Max. of 3% H/L Ratio	All Available Thicknesses Over .0005"	Up to 1.0" wide 1.0" to 16.5" All Available Widths
Crossbow	.010" max. .010"/inch of width max. Max. of 3% H/L Ratio	All Available Thicknesses Over .0005"	Up to 1.0" Wide 1.0" to 16.5" All Available Widths
Coil set	3" max. in 3 ft. vertical	All available Thicknesses Over .0005"	All Available Widths
Burr	10% of Thickness, Max.	All Available Over .0005"	All Available Widths
Coil Size	6" I.D. x 20" max. O.D. 16" I.D. x 32" max. O.D. 16" I.D. x 32" max. O.D. Special packaging by agreement. <b>less &lt; .001"</b>	.001" to .015" .001" to .015" .016" to .030"	Up to 1.50" Wide 1.50" to 16.5" Up to 16.5"
Surface	As free of surface defects such as discoloration, roll marks, creases, heavy scratches, wrinkles, pinpricks and dents using our best practices. Allowable surface defects occur randomly. No repeating defects within a 10 ft. section are permitted.		
Misc.	Coils may be formed by interleaving or nesting continuous lengths; all breaks will be flagged. Mechanical properties and chemistry to latest revision of the appropriate ASTM or AMS specification. Tolerance requirements tighter than standard should be reviewed and agreed upon prior to order entry.		

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