

Precision Thin Metals Standard Tolerances

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

	Tolerance	Thickness Range	Width Range
Thickness	± 5%	.0025" to .030"	All widths
	± 10%	.00008" to .0024"	
Width	± .003"	All Thicknesses	Up to 1.0"
	± .005"		> 1.0" to 9.0"
	± .010"		> 9.0" to 17.0"
As Rolled width	± .125"	All Thicknesses	All widths
Cut to length Machine	+ .125"/.000" Up to 5 FT long	.003" - .011"	All widths
Hand Cut to Length	± .250"	.005" - .020"	>12.0"
Camber (Not applicable with as rolled edges)	1.50" Max in 8ft.	All thicknesses over .00008"	Up to .250"
	.50 Max in 8ft.		>.250" - 1.50"
	.25" Max in 8ft.		>1.50" - 17.0"
Flatness (Not applicable with as rolled edges)	.070" Max	All thicknesses over .00008"	Up to 1.0"
	.010" per inch of width Max		> 1.0" - 17"
Flatness H/L Ratio (Not applicable with as rolled edges)	Max of 3% H/L Ratio	All thicknesses over .00008"	All widths
Crossbow (Not applicable with as rolled edges)	.100" Max	All thicknesses over .00008"	Up to 1.0"
	.010" per inch of width Max		> 1.0" - 17"
Crossbow H/L Ratio (Not applicable with as rolled edges)	Max of 3% H/L Ratio	All thicknesses over .00008"	All widths
Coil Set (Not applicable with as rolled edges)	3" Max in 3ft. Vertical	All thicknesses over .00008"	All widths
Burr (Not applicable with as rolled edges)	10% of Thickness	All thicknesses over .00008"	All widths
Standard Coil Sizes	3" I.D. X 20" O.D. Max	Special coil sizes are available by request	
	6" I.D. X 20" O.D. Max		
	16" I.D. X 32" O.D. Max		
	20" I.D. X 32" O.D. Max		
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.		



