

Precision Thin Metals Tolerances for Slit & As-Rolled Edge Material (Not for Coated Material)

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

Standard Tolerances for Slit and As-Rolled Material			
	Tolerance	Thickness Range	Width Range
Thickness	± 5%	.0025" to .030"	All widths
	± 10%	.00008" to .0024"	
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.		
Slit Tolerances			
Width	± .003"	All Thicknesses	Up to 1.0"
	± .005"		> 1.0" to 9.0"
	± .010"		> 9.0" to 17.0"
Flatness	.070" Max	All thicknesses over .00008"	Up to 1.0"
	.010" per inch of width Max		> 1.0" - 17"
Crossbow	.100" Max	All thicknesses over .00008"	Up to 1.0"
	.010" per inch of width Max		> 1.0" - 17"
Burr	10% of Thickness	All thicknesses	All widths
As-Rolled Edges Tolerances			
As Rolled width	± .125"	All Thicknesses	All widths
Flatness	0.020 per Inch of Width	All thicknesses	> 4" - 17"
Crossbow	0.020 per Inch of Width	All thicknesses	> 4" - 17"
The tolerances listed below are our capabilities but are not checked on all material			
Camber	.25" Max in 8ft.	All thicknesses	0.25
Coil Set	3" Max in 3ft. Vertical	All thicknesses	> 14" - 17"
The tolerances listed below are for any material uncoated that is being cut to length only			
Cut to length Machine	+.125"/.000" Up to 5 FT long	.003" - .011"	All widths
Hand Cut to Length	± .250"	.005" - .020"	>12.0"

