

Basic Process Tolerances

All Tolerances Based on actual Capability Studies and Standard Material Variations

All Tolerances below apply PRIOR to Finish.

Single hit hole size	+/- .005
Punched/Laser Feature to Punched /Laser Feature in same Plane	+/- .010
Punched/Laser Feature to a Single Formed Feature	+/- .015
Punched/Laser Feature to Punched/Laser Feature over 4 Formed Features	+/- .030
Formed Feature to Formed Feature	+/- .020
Formed Features over several Formed Features	+/- .020 PLUS +/- .005 for each additional Formed Feature
Basic Welded parts and components	+/- .030
Contact Majestic Metals for specific Tolerances related to complex Welded products.	
Formed Angles Sharp to 3/32" Inside Radius	+/- 1 degree
Formed Angles above 3/32" to 3/16" Inside Radius	+/- 1 1/2 degree
Formed Angles above 3/16" to 3/4" Inside Radius	+/- 2 degree
Formed Angles above 3/4" Inside Radius	+/- 3 degree

For any Dimensions specified to "**Apply after Finish**", Please contact Majestic Metals for guidance on tolerances based on the chosen finish and materials.