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## Standard Sheetmetal Tolerancing

**Date: 8/28/2013**

These tolerances apply unless otherwise specified on customer drawings or industry specification.  
Unless otherwise specified all dimensions are in inches.

Hole Diameter (Punched)		Linear Tolerances	
Unless otherwise specified (i.e.; hardware holes)			
.050 - .250	± .003	Cut Feature to Cut Feature	± .005
.251 - .500	± .005	Cut Feature to Cut Feature (over 24.00")	± .010
.501 - 1.000	± .010	Cut Feature to Cut Feature (over 48.00")	± .020
1.001 - 3.000	± .015	Cut Edge to Cut Edge	± .010
3.001 - 10.000	± .020	Cut Edge to Cut Edge (over 24.00")	± .020
		Cut Edge to Cut Edge (over 48.00")	± .030
Hole Diameter (Machined)		Cut Feature to Fold	± .020
All Diameters	± .003	Cut Feature to Fold (over 24.00")	± .030
		Cut Feature to Fold (over 48.00")	± .040
Angular Tolerance	± 1°	Fold to Fold	± .010
		Fold to Fold (over 24.00")	± .020
		Fold to Fold (over 48.00")	± .030
		Cut Feature to Cut Feature over multiple bends	± .030
Linear Machine Tolerance			
		All Dimensions	± .005

Revision History				
Rev	Page	Description	Date	Revised By
-	1	New Issue	8/15/2011	
A	1	Update electronic file	8/28/2013	Stash Boguszewski

### Reference only when printed

#### Approvals

Name	Title	Initial	Name	Title	Initial
Phil Cardwell	Quality Assurance Manager		Robin Weinberger	Shop Supervisor	
Dan McDrummond	V.P./General Manager				

**Owner: Phil Cardwell**

**Revision:  
A**

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