

SHEET METAL STANDARD TOLERANCES

Attainable prototype dimensional tolerances depends on the choice of technology used to make the prototype or short-run parts. Actual capabilities are dependent upon manufacturing, equipment, materials, and part requirements. For unique requirements to ensure specs are met within the limitation of our technologies, capabilities and processes, a 2D drawing print (s), tolerances, and / or other requirements are required in writing when quotation is requested. We are fully equipped to fabricate components for companies and can quote from PDF 2D drawing (s), STEP, IGES, and SLDPRT model formats.

Technology:	Sheet Metal
Material type:	Alloys
Sheet Metal Materials Metal:	Aluminum, Brass, Copper, Stainless Steel, Cold Rolled Steel, Hot Rolled Steel, Galvanized Steel
Dimensional Tolerances:	± 0.010 in. (Typical) ~ ± 0.005 in. (Feasible)
Material Thickness:	5% of Nominal Thickness
Industries For This Technology:	Aircraft, Agriculture, Automotive, Electronics, Electrical, Fluid Power, Food & Dairy, Industrial Automation, Medical, Motion Drive Automation, Oil & Gas, Power Generation, Renewable Energy .

Disclaimer: The data above is general information and may vary from machine to machine or supplier to supplier. All tolerance specifications reflect the approximate range of a process's capabilities and should be viewed only as a guide. These dimensional tolerances, buyer assumes sole responsibility for the design, and must test and verify the material of the product for each specific application applies to their internal requirements.