

Selective Laser Sintering (SLS) 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, material selection, 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 STEP, IGES, and SLDPRT model formats.

Technology:	Nylon Based Powders
Material type:	Rigid
Materials:	Thermoplastic
Net Build Size Parts Up To :	22 × 22 × 30 in (550 × 550 × 750 mm)
Layer thickness range (typical):	Min 0.003 in. ~ (0.08 mm) ~ Max 0.006 in. ~ (0.15 mm), feasible (0.004 in ~ 0.1 mm), accuracy may vary depending on build parameters.
Ideal Uses For This Technology:	Engine housings and other protective covers, healthcare device and tools manufacturing, reduced weight production parts, Small to medium run manufacturing.

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.