

QuickCast™

What is a QuickCast?

As the name implies, Quick Cast stereolithography means that metal parts can be made with almost no waiting for expensive tooling. With only 3 to 5 day turnaround time, Quick Cast replaces traditional wax patterns with stronger, more durable ones. Directly from your CAD files, Quick Cast creates quasi-hollow parts from specially formulated resin. When the liquid resin is drained from the part's interior, a honeycomb configuration is left. The open hatch interior of a Quick Cast part is covered by a thin skin which prevents the ceramic slurry from penetrating the core. Then during the burnout phase, the smooth outer casing collapses without damaging the shell during the investment casting. With Quick Cast, expensive tooling for wax patterns is totally eliminated, so making even complex metal parts is faster and more accurate.

Quality from Experience at Moeller

When you work with Moeller, you gain the knowledge of an industry-leading service bureau with 15 years of rapid prototyping experience. Rest assured your file enters the good hands of our project managers who is committed to working with you to find a solution to your problem. Any one of Moeller's project managers has more than a decade of investment casting experience. We pay attention to surface finish and dimensional accuracy no matter what the size and complexity. Large patterns, which exceed the SLA capacity, are accurately assembled from designed segments. No pattern is too large for Moeller to handle. We have built and assembled patterns extending more than 50 inches.

Successful Prototyping Solutions

We have 4 SLAs running to support your tightest delivery schedules: (2) SLA-5000, (1) SLA-250/50, and (1) SLA -500/40. Moeller uses Vatico and DSM Somos epoxy resins, which have been used successfully in many different investment casting foundries. Whether you are experienced using QuickCast patterns, or new to the technology, Moeller can help you be more successful with your rapid prototype investment casting projects. Let Moeller work with you in your investment of time savings with quality solutions.

Resin Selection

DSM SOMOS 8110
 DSM SOMOS 11110
 DSM SOMOS 11120

RP Cure 400
 ProtoTool

