

Tooling Trials



Teamvantage offers a variety of tooling trial scenarios to help you with your tooling and process development objectives. We offer several ala carte mold sampling options, or can develop a completely customized tooling trial, sampling and inspection / validation solution.

Mold Sampling Options		
	Description	Deliverables
Level 1 Tool Function Testing	Mold trial to primarily test tool function and mold initial evaluation samples.	<ul style="list-style-type: none"> - Sample feedback - A mutually agreed upon quantity of parts
Level 2 T1 Mold Trial	Tool function verification with initial process development.	<ul style="list-style-type: none"> - Sample feedback - Short shot progression study/parts - A mutually agreed upon quantity of parts - Mold process parameters sheet
Level 3 T1 Mold Trial with Process Development	Site Acceptance Test (SAT) new molds, where mold will be tested and a basic process is developed.	<ul style="list-style-type: none"> - Sample feedback - Short shot progression study/parts - Scientific molding process development - Number of nominal parts produced in two hours of run time - Mold process parameters sheet - FAI and samples if requested
Level 4 T1 with Rigorous Mold Trial Including Process Extremes	This will include SAT and a rigorous trial with process window study to establish a low and high setting.	<ul style="list-style-type: none"> - Sample feedback - Short shot progression study/parts - Scientific molding process development - Number of nominal parts produced in two hours of run time - FAI and samples if requested - Process window study - One hour at low and high settings - Process challenge parts - Mold process parameters sheet - Capability if requested
Level 5 Customer Specific	A customized sampling plan can be mutually developed to meet your exact requirements.	Details to be outlined and quoted per custom requirements. Specific details and outputs to be developed.

With press sizes ranging from 20 tons to 618 tons, supported by our state-of-the-art metrology lab, we are your vertically integrated partner for all of your product realization needs.



Call Teamvantage today. We are ready to collaborate with your team, develop a mutually agreed upon plan and then properly execute all of your tooling development requirements.



TEAMVANTAGE

Creative Solutions to Unique Manufacturing Challenges

20697 Fenway Avenue North | Forest Lake, MN 55025

Phone: 651-464-3900 Fax: 651-982-1299

www.teamvantage.com



Quality Certifications:

ISO 13485 Certified

ISO 9001 Certified

AS9100 Certified

ITAR Registered

U/L Recognized

FDA Registered