

READY TO GET STARTED?


HERE'S WHAT YOU CAN EXPECT FROM OUR TOOL INTAKE PROCESS

www.gemstarmfg.com/custom-parts

Whether your part design is complete or still in development, Gemstar provides comprehensive support for your tooling and manufacturing needs at every stage. Our commitment to transparency and clear communication guarantees that you're always informed and can navigate each step with confidence.

IF YOU COME TO US WITH AN EXISTING TOOL, HERE'S WHAT OUR TOOL INTAKE PROCESS LOOKS LIKE:

1. **We inspect your tool.** We understand your tool is one of your biggest investments, so we take photos of it and share them with you as soon as we receive it. We also verify that all parts are present and function properly. If we find significant damage and repairs are required, Gemstar is happy to provide a quote for you.
2. **We clean your tool.** This process allows us to remove any oils, debris, or machining residue that could compromise part quality or damage equipment.
3. **We perform a paper compression test.** This enables us to assess the strength, durability, and accuracy of your tool. It helps us detect flaws or misalignments and ensures that the parting lines are tight and even.
4. **We connect your tool to our machines.** We double-check that it integrates with our machines and runs properly.
5. **We make final adjustments, if needed.** Our internal tooling experts make any necessary repairs, improve efficiencies, and get your tool ready to make the best possible parts.
6. **We create first article parts.** We use your tool to create first article parts for you to inspect and approve.
7. **We move your tool into production.** Once you've approved your first article parts, we use your tool to fulfill your order for premium plastic parts.



We carefully inspect, clean, test, adjust, and validate your tool before moving it into full production.

IF YOU COME TO US WITHOUT A TOOL AND WANT US TO MAKE ONE FOR YOU, HERE'S WHAT OUR PROCESS LOOKS LIKE:

1. **You meet with our design engineer team.** This is the starting point, whether you have a brand-new product that we're designing a tool from scratch for, or if you have an existing product you want us to create a new tool for.
2. **We send your tool CAD to production.** We have full in-house toolmaking capabilities and can build your tool according to specifications.
3. **We inspect your completed tool.** Once it's produced, we inspect your tool and take photos of it for you to see.
4. **We create first article parts.** We use your new tool to create initial samples for you to inspect and approve.
5. **We move your tool into production.** Once you've approved your first article parts, we use your new tool to fulfill your order for premium plastic parts.

TOOL STORAGE AND MAINTENANCE

At Gemstar, we manufacture precision tools in-house and collaborate with leading tool makers to deliver high-quality, reliable tooling solutions. As part of our white-glove service, we provide proactive tool maintenance and repair through our dedicated on-site team. Your tools are stored indoors in our tooling warehouse, protected from the elements and cared for with the utmost attention. While all tools require maintenance over time, our approach helps extend tool life, reduce scrap, and improve part quality—ultimately maximizing your return on investment and supporting efficient, profitable operations.



**READY TO GET STARTED WITH GEMSTAR?
SCHEDULE YOUR FREE DESIGN CONSULTATION BELOW!**

SCHEDULE A DESIGN CONSULTATION



GEMSTAR 
CUSTOM PART SOLUTIONS