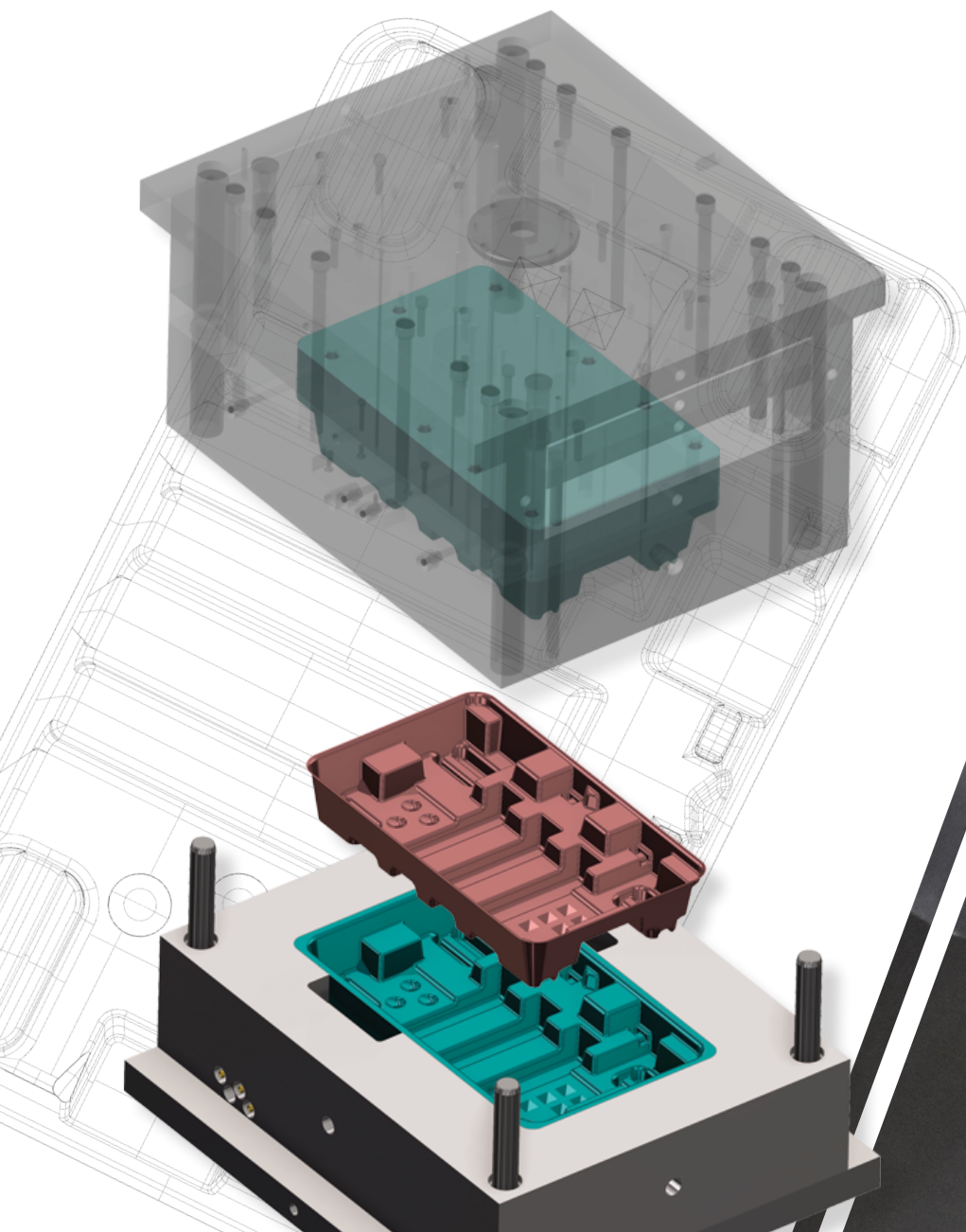


Mastercam

DESIGN

Focused CAD means machine-ready parts faster.



MODELING AND PREP TOOLS

Get your parts on and off the machine quickly.

Whether you bring in a file from an outside CAD package or design one yourself, Mastercam's powerful, easy-to-use CAD engine is included in each main Mastercam product and is also available separately.



Quickly and easily separate and program solid assemblies.

Work with your existing CAD files.

Mastercam helps to preserve design intent with Model Based Definition (MBD) support and acceptance of varied file formats. These include IGES, Parasolid®, SAT (ACIS solids), AutoCAD® (DXF, DWG, and Inventor™ files), SOLIDWORKS® (including history tree), Solid Edge®, SpaceClaim, STEP, STL, and more. Add-On translators are available for Siemens NX, CATIA™, Pro/E (PTC Creo), and more.

Whether you are prepping customer files...

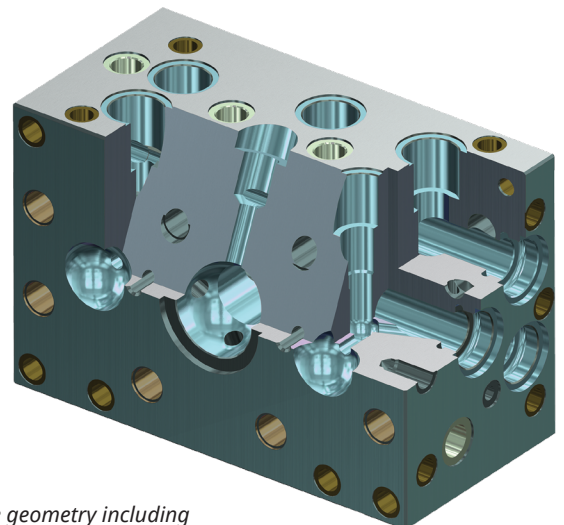
Getting a part file from an outside source can pose unique challenges. You might need to repair a surface, cap or hide a feature, or create an electrode. You may need to streamline, fix, or modify a complex mesh, or just make sure your fixtures are represented on the part. Mastercam includes a powerful set of model prep tools to make sure the process goes smoothly. Focused mesh, surface, and solid model creation and editing tools let you bring a part from the designer's desk to your machining process, fast.

...or designing your parts from scratch.

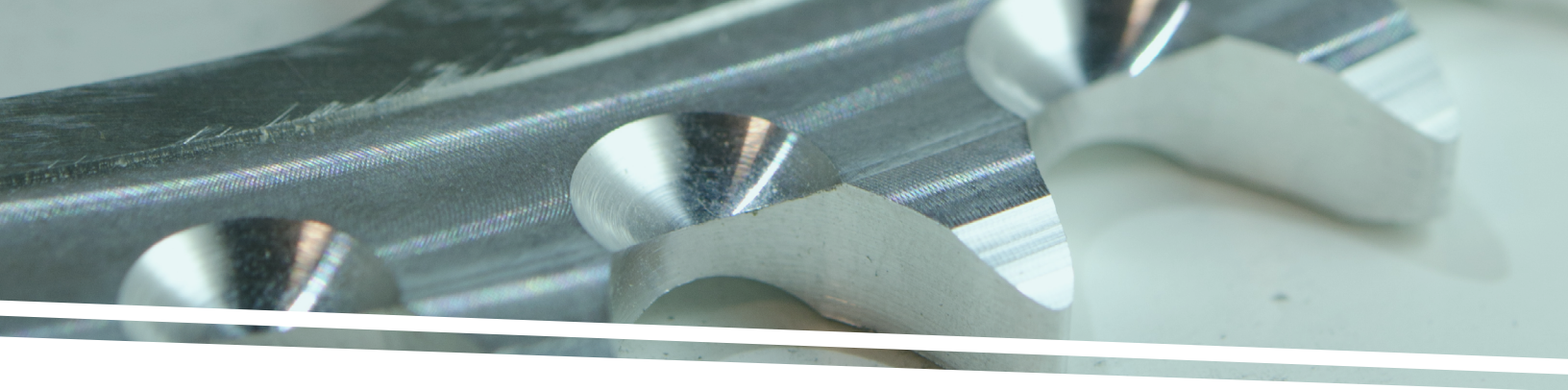
Having powerful CAD at your fingertips makes your CAM system that much more effective. Mastercam includes a robust set of modeling tools, from complete wireframe to surface and solid modeling. A true hybrid modeling system, Mastercam lets you create, combine, and machine whichever CAD geometry suits your needs.

A screenshot of the Mastercam software interface, specifically the 'Advanced' tab for hole definition. It shows various settings like Name, Target, Plane Orientation, Position, Template, Hole Style, and Type. Below these settings is a table with columns for Top, Depth, Bottom, and Taper, containing numerical values for different hole features.

| Top | Depth | Bottom | Taper |
|----------|----------|----------|-------|
| 69.85 | 0.381 | 69.85 | 0.0 |
| 49.8348 | 3.3528 | 48.03804 | 30.0 |
| 48.03804 | 0.20652 | 47.625 | 90.0 |
| 47.625 | 15.49068 | 47.625 | 0.0 |
| 45.5676 | 4.0894 | 45.5676 | 0.0 |
| 45.5676 | 5.58954 | 25.4 | 122.0 |
| 25.4 | 21.69006 | 25.4 | 0.0 |
| 25.4 | 7.03972 | 0.0 | 122.0 |



Automatically identify complex hole geometry including intersecting and non-conventional holes.



THE CHOICE IS YOURS

When you choose Mastercam, you get more than a license to run CAD/CAM software. You secure flexible options to empower your business and manufacturing operations — with the added value of shop-tested technology, responsive support, and a voice to guide future CAD/CAM developments.

FOR A MANUFACTURING SOLUTION THAT WORKS FOR YOU, CHOOSE MASTERCAM.



Trusted software and the world's largest CAM network give you the power to advance your manufacturing at a pace that works for you.



Perpetual licensing is available to operate Mastercam at a lower price over time, to complement long-term planning and budgeting capabilities.



Subscription licensing gives you lower up-front costs and renewable, term-based access to Mastercam with steady, predictable payments.



Mastercam Maintenance maximizes your productivity with priority access to the latest software, customer support, and so much more.

**For more information, contact a local Mastercam expert at
[Mastercam.com/Resellers](https://www.mastercam.com/Resellers).**

CNC Software, LLC
671 Old Post Road
Tolland, CT 06084 USA



www.mastercam.com

Mastercam[®]

Mastercam[®] is a registered trademark of CNC Software, LLC. All other trademarks are property of their respective owners.
©1983-2022. All rights reserved.