

# AUTOMATED EDGE FINISHING WITH MASTERCAM DEBURR

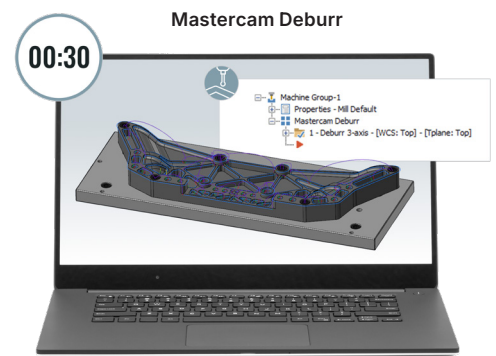
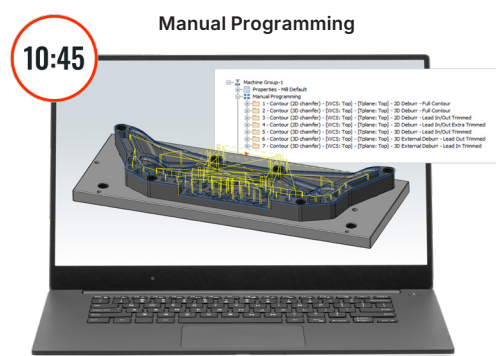


Mastercam Deburr is the comprehensive solution for efficient and precise deburring and edge treatments, seamlessly integrating with your existing Mastercam setup.

Achieve unmatched control, reduce manual labor, and optimize your tooling resources while improving part quality and consistency. This solution enables users to leverage the deburr cycle efficiently in a 3-axis environment without requiring a Multiaxis license, using familiar and simplified controls.

- » **Time and Resource Savings:** Reduce manual labor and benefit from reduced programming time from automatic edge detection.
- » **Precision:** Meet exact tolerances and shapes.
- » **Tool Compatibility:** Supports Chamfer Mill, Dove Mill, Ball Mill, Lollipop Mill, and Taper Mill with Full Radius tools across multiple machining strategies.
- » **Multiple Pass Functionality:** Take multiple passes with ball mills to form desired chamfers and rounds.
- » **Easy Integration:** Available with Mastercam 2D and 3D Mill, Router, or Mill-Turn products.

## 20X MORE EFFICIENT



## Mastercam Deburr is offered with 2D and 3D Mill, Router, or Mill-Turn licenses.

This toolpath greatly simplifies your deburring needs and is suitable for both 3-Axis and 3+2 Axis strategies. Supported tools include Chamfer Mill, Dove Mill, Ball Mill, Lollipop Mill, and Taper Mill with Full Radius.

*Time savings based on an experienced user in Mastercam 2027 manually programming vs Mastercam Deburr. Actual results may vary.*



## Where is Mastercam Deburr located within Mastercam?

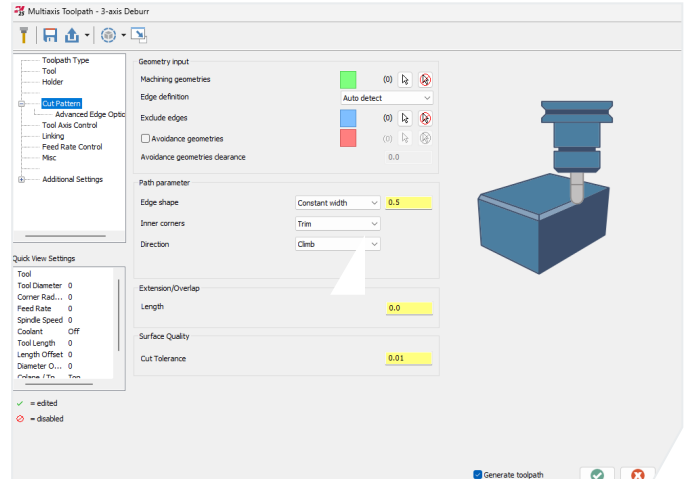
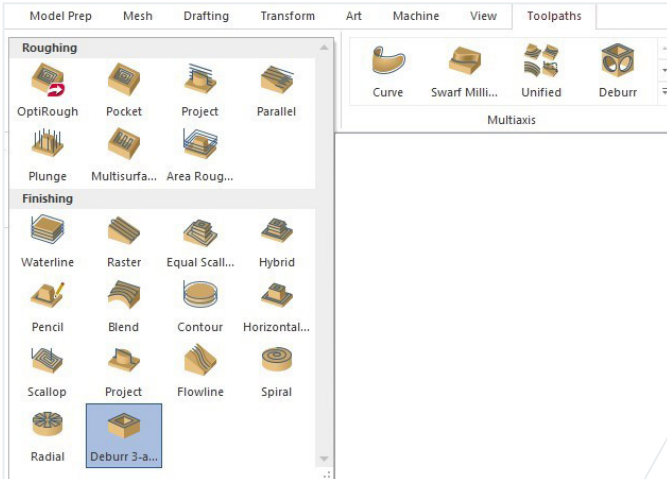
You can find this toolpath in the 3D toolpath gallery under the Finishing types. Alternatively, you can right-click in the Toolpaths Manager and navigate to:

### Mill and Mill-Turn

Mill Toolpaths > 3D High Speed Toolpath > Deburr 3-Axis.

### Router

Router Toolpaths > 3D high speed toolpath > Deburr 3-Axis.



## Why use Mastercam Deburr?

Removing burrs and treating edges is essential for ensuring quality and safety in any shop. Burrs complicate the machining process and affect the finished part. Burrs prevent the workpiece from maintaining proper alignment placement in a fixture, resulting in reduced finish quality. Top priorities for machine shops worldwide include reducing costs through enhanced productivity, eliminating hand deburring, shortening programming time, and lowering software entry costs, amongst other goals.

Mastercam Deburr streamlines deburring processes and enhances part quality, delivering significant savings in labor and tooling. The integration of Mastercam Deburr offers unparalleled precision, helping improve efficiency and reducing costs.

Visit [mastercam.com/solutions/add-ons/mastercam-deburr](https://mastercam.com/solutions/add-ons/mastercam-deburr) to learn more or contact your Mastercam Representative.

