

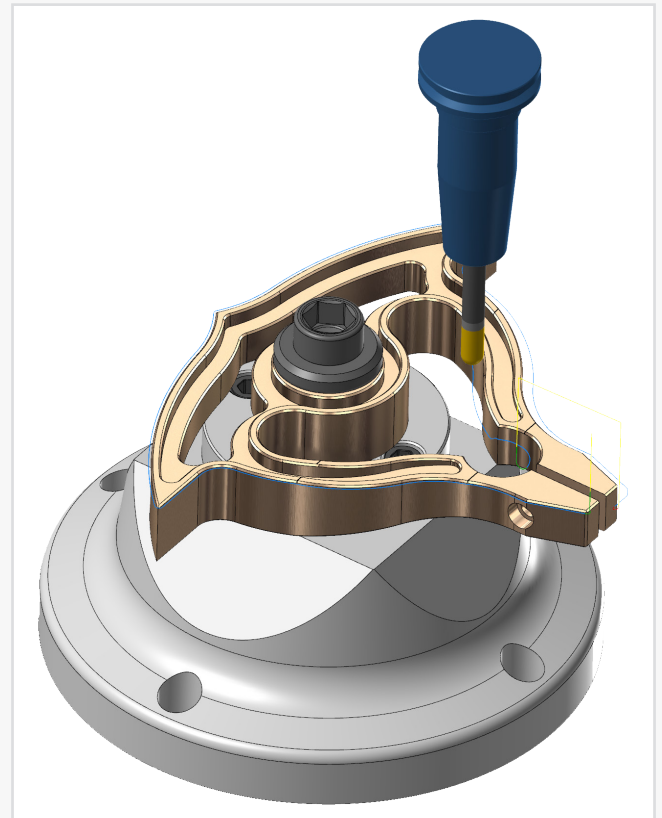


Automated Edge Finishing with Mastercam Deburr

Refine End Results, Redefine Efficiency

Mastercam Deburr Add-On gives users precise control over every detail of the deburring process, saving time and enhancing end-finish quality. The technology is a significant time saver for prismatic features and edges, often eliminating the need for hand finishing. This Add-On enables users to leverage the deburr cycle efficiently in a 3-axis environment without requiring a Multiaxis license, using familiar and simplified controls.

- **Streamlined Deburring:** Automatically detect edges and simplify your deburring tasks with user-friendly controls.
- **Enhanced Productivity:** Deburr parts directly on the machine, reducing processing time and improving overall efficiency.
- **Versatile Tool Compatibility:** Supports Ball Mill, Lollipop Mill, and Taper Mill with Full Radius for both 3-Axis and 3+2 Axis strategies.



Mastercam Deburr is offered as an Add-On to 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 Ball Mill, Lollipop Mill, and Taper Mill with Full Radius.

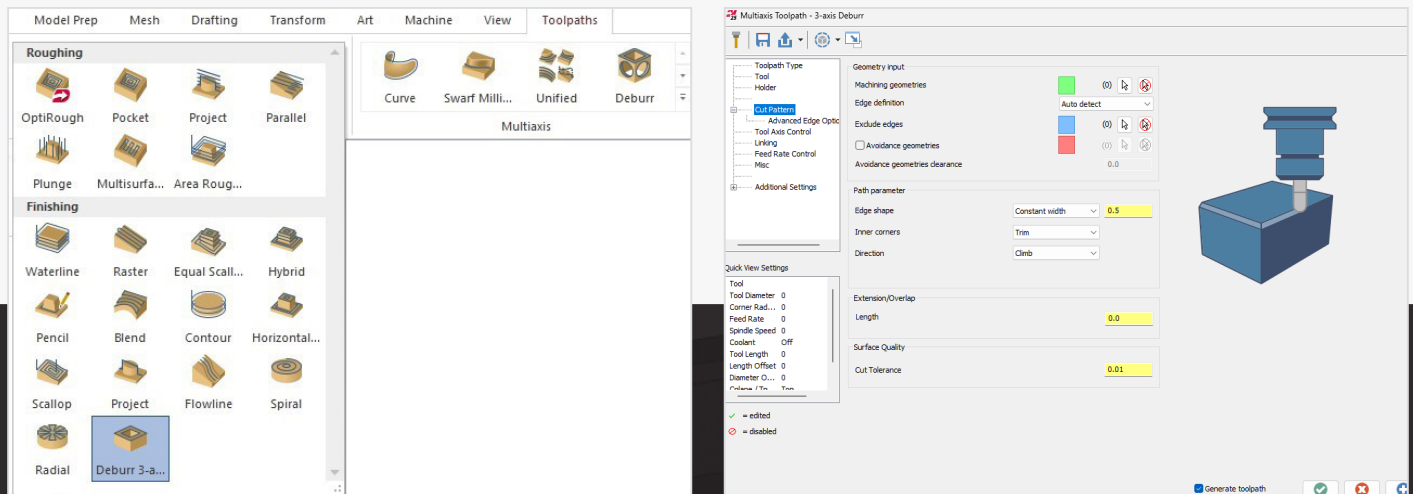
Where is Mastercam Deburr located in Mastercam?

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 toolpaths > Surface finish > Deburr 3-Axis.

Router toolpaths > Surface finish > Deburr 3-Axis.

Mill-Turn > Milling toolpaths > Deburr 3-Axis.



Why Use Mastercam Deburr?

Removing burrs is essential for ensuring quality and safety in any shop. Burrs complicate the machining process, making it more difficult and unreliable, and affecting the finished part. They prevent the workpiece from maintaining proper 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 processing times, and lowering software entry costs, amongst other goals.

Mastercam Deburr is vital for advancing your deburring process, saving time, and enhancing finish quality. This technology creates high-quality deburred edge breaks, accelerating the process for prismatic features and edges, and often eliminating the need for hand finishing.