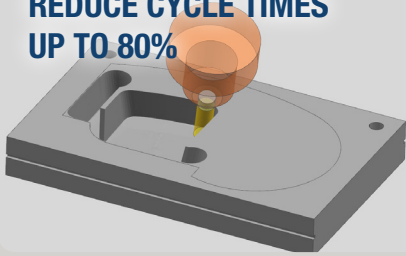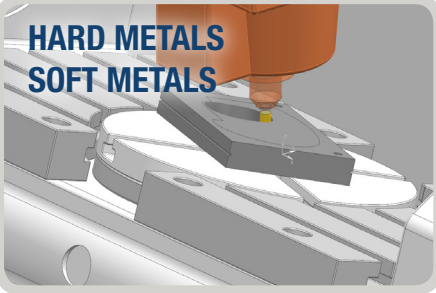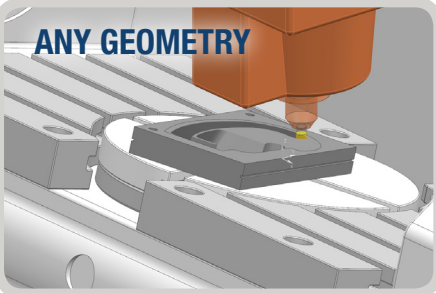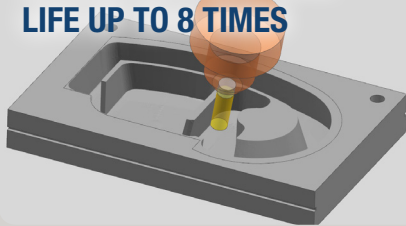# VoluMill™

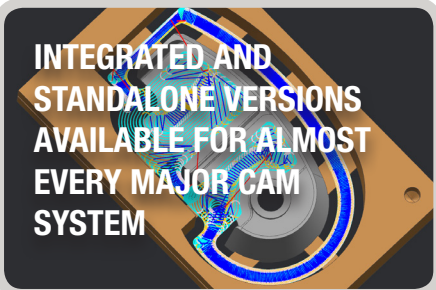**REDUCE CYCLE TIMES UP TO 80%**

HARD METALS SOFT METALS

ANY GEOMETRY

EXTEND CUTTING TOOL LIFE UP TO 8 TIMES

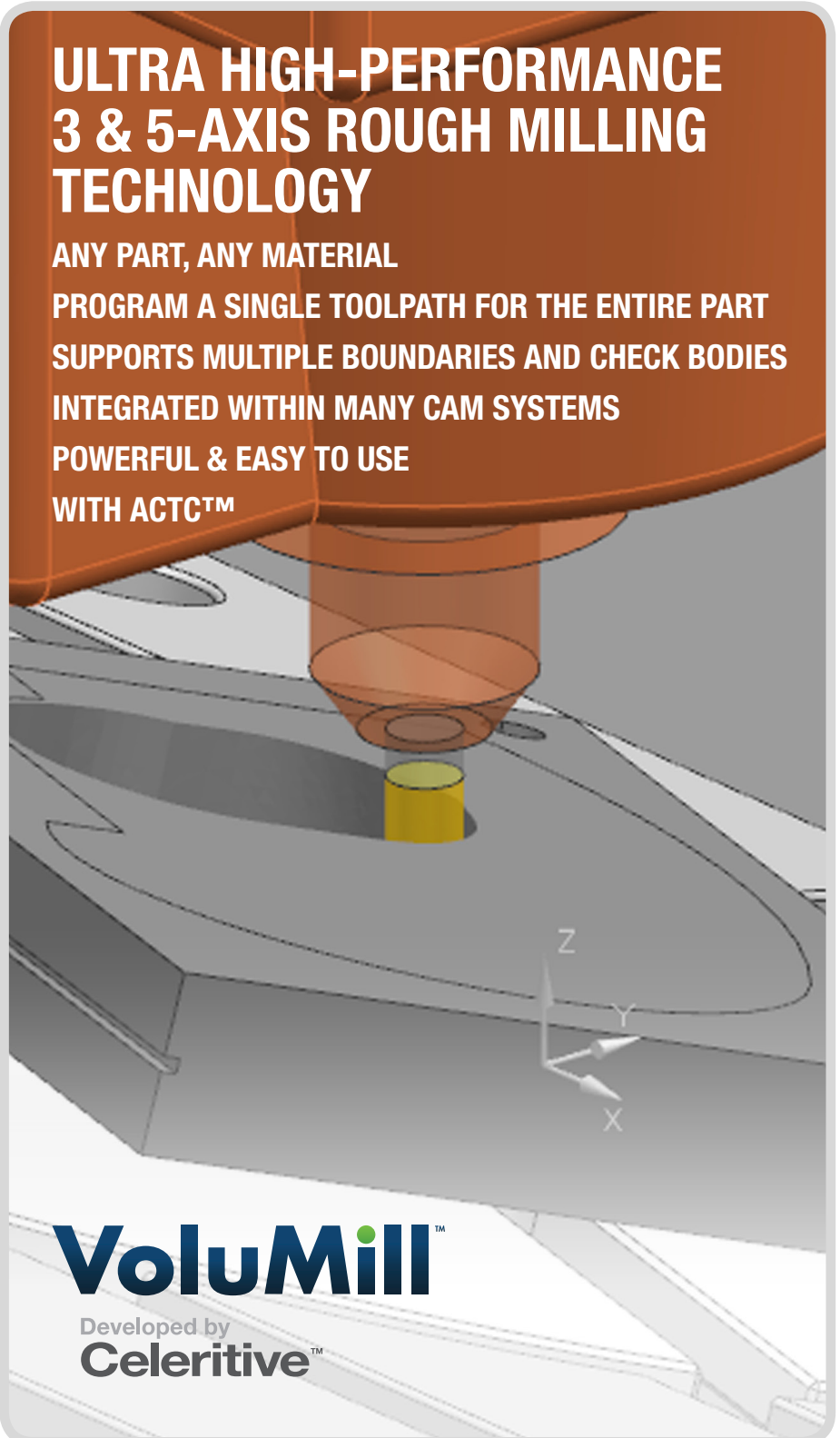**INTEGRATED AND STANDALONE VERSIONS AVAILABLE FOR ALMOST EVERY MAJOR CAM SYSTEM**

ULTRA HIGH-PERFORMANCE 3 & 5-AXIS ROUGH MILLING TECHNOLOGY

ANY PART, ANY MATERIAL

PROGRAM A SINGLE TOOLPATH FOR THE ENTIRE PART

SUPPORTS MULTIPLE BOUNDARIES AND CHECK BODIES

INTEGRATED WITHIN MANY CAM SYSTEMS

POWERFUL & EASY TO USE

WITH ACTC™

VoluMill™
Developed by
Celeritive™

VoluMill™

ANY PART, ANY MATERIAL

VoluMill toolpaths use smooth, flowing motion, eliminating sharp directional changes and variances in tool load. The constant material removal rates enable machine tools and cutting tools to operate under ideal milling conditions throughout, regardless of a part's shape or complexity. Rough milling performance is significantly increased in all materials, from aluminum, to titanium, to exotics. With VoluMill AIRFRAME, you can program complex parts using a single toolpath strategy, and greatly reduce the need to maintain multiple 3+2 strategies.

PROVEN TECHNOLOGY

Leading manufacturing companies around the world are using VoluMill™ to safely double machine output, extend cutting tool life, and create a much more productive and competitive manufacturing enterprise.
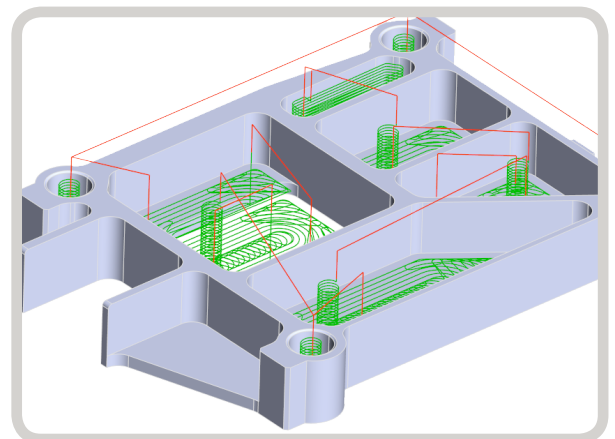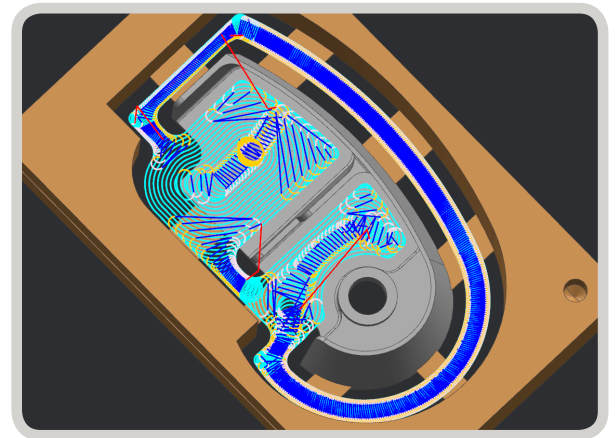
POWERFUL AND EASY TO USE

Generating ultra high-performance 3 & 5-axis toolpaths with VoluMill is fast and simple. There are minimal mouse clicks required, and very few decisions to make, yet you remain in full control. Whether you want to rough an entire part with a single toolpath, or you need to follow a precise material removal plan, VoluMill works with you to get your job done quickly and reliably.

SEAMLESS INTEGRATION WITH YOUR CAM SYSTEM

VoluMill is tightly integrated with many of the world's leading CAM systems, and available as a standalone product. There is no disruption to your current workflow. The task-focused toolpaths significantly reduce programming time and perform much better than traditional toolpaths where it counts most, on the shop floor.

NOW WITH ACTC™

The Active Chip Thickness Control (ACTC™) interface makes it easy to achieve even greater reductions in rough milling cycle time. VoluMill's constant width of cut makes it possible to include the actual thickness of the chip in your feed and speed determinations. This new calculator enables you to precisely manipulate this critical element of metal-cutting dynamics, giving you greater control over your machining processes.

VoluMill™

Developed by
Celeritive™