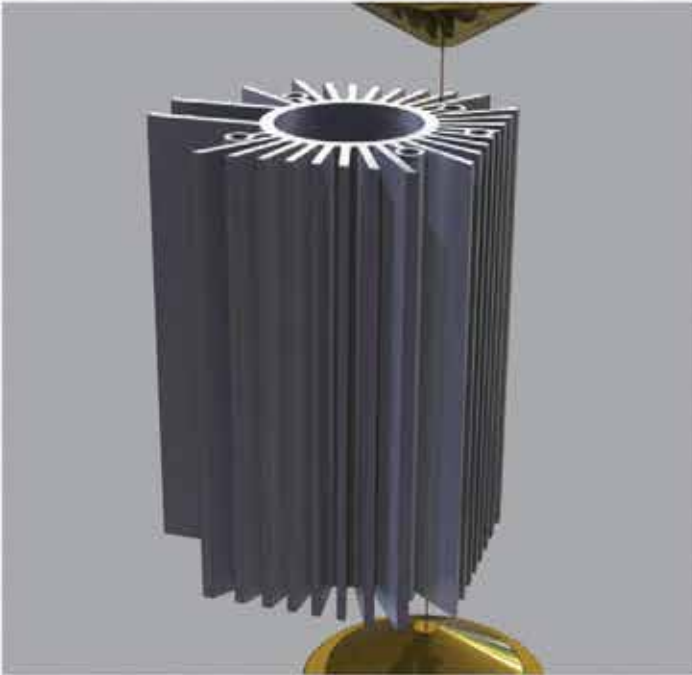
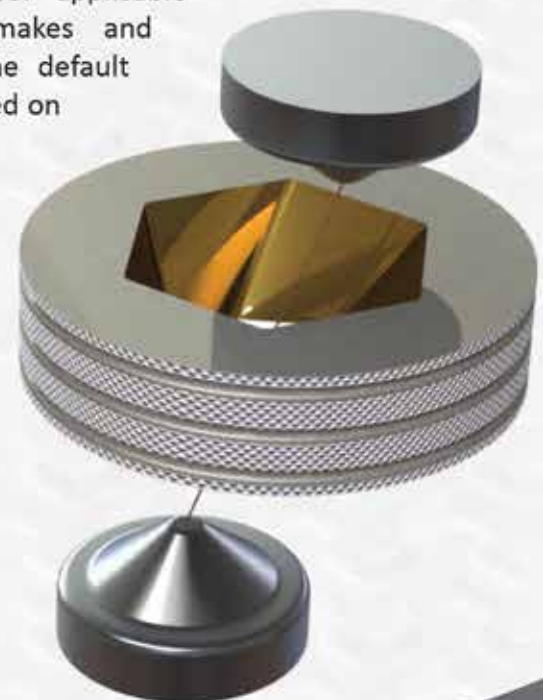


- **CAMWorks Wire EDM** is designed and developed specifically for 2- and 4-Axis Wire EDM programming, resulting in a more intuitive, automatic, and efficient method of generating EDM toolpaths and machine code



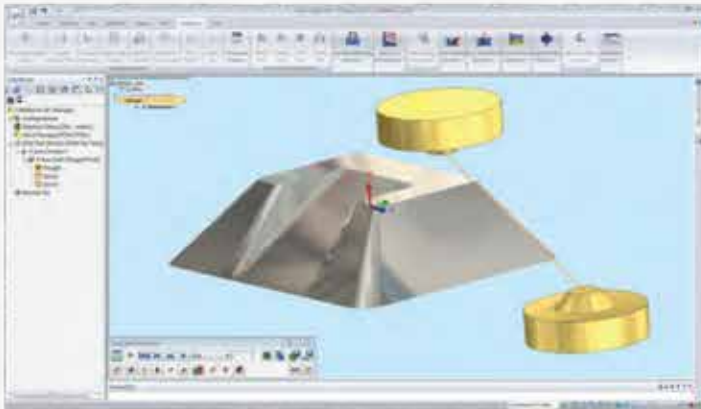
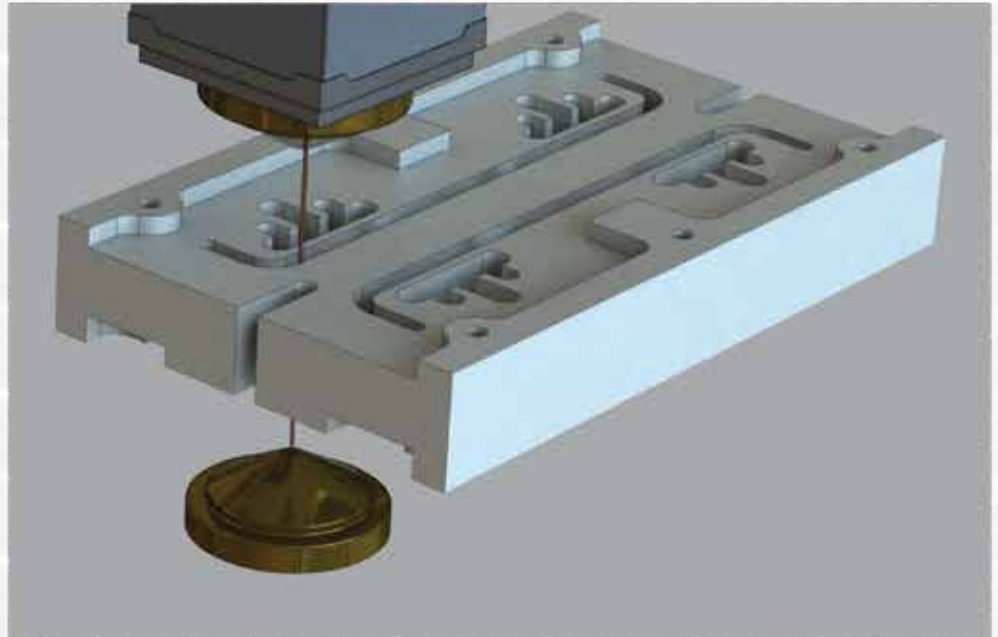
- **Automatic Feature Recognition (AFR)** automatically recognizes punch, die, and profile EDM features on native Solid Edge part models or on solid models imported via STEP, IGES, SAT, etc. Feature-based machining reduces programming time by as much as 90% compared to traditional CAM software. Features can be modified to add or remove elements, add or delete areas to be machined or to limit the toolpath.
- **Interactive Feature Recognition (IFR)** provides an intuitive and easy-to-use interface for defining 4-Axis geometry. Sync curves can be defined automatically or interactively
- **2- and 4-Axis Support** for punch, die, and profile operations. Operations automatically generate rough, tab, and skim cuts on 2-Axis and 4-Axis features.

- **Full Model to Toolpath Associativity** automatically updates the toolpaths and CAM data to design changes made to the model
- **Knowledge-Based Machining** allows you to capture and reuse your programmers' and machinists' best programming practices using the patented TechDB (Technology Database). The TechDB reduces programming time by as much as 80% and provides a company-owned database to store employee knowledge and skill.
- **Seamless Integration Inside Solid Edge** ensures that the design model and CAM model share a common interface with the same intuitive menus, toolbars, and view manipulation, thus allowing users to quickly master the software. The CAM data is integrated and stored along with the CAD model automatically in a single file.
- **Automatically Generate Land and Taper Toolpaths**
- **Cutting Condition Database:** An optional cutting conditions database is associated with the post processor for applicable machine makes and models. The default data is based on



information from the machine tool manufacturer and can be modified. Edit cutting tool conditions for the current operation and optionally save parameters permanently in the cutting conditions database.

- **Stock Definition:** EDM stock shapes can be defined as a part bounding box, as an extruded Solid Edge sketch, or using an STL file
- **Simulation and Validation** allow you to easily and accurately stop through or continuously simulate the entire machining order showing the wire and wire guides. A model compare feature is also included to accurately compare the machined model to the design model to validate program accuracy, so you can be sure you'll cut it right the first time.



CAMWorks Modules are available in a variety of bundles or combinations:

- 2.5-Axis Mill
- 3-Axis Mill
- Multi-Axis Machining
- Mill Turn
- 2- and 4-Axis Turning
- Wire EDM
- CAMWorks VoluMill™
- CAMWorks Virtual Machine



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