

TopSolid' Wire



CAM Solution for wire EDM

- Retrieval of all 2D and 3D geometries
- Direct programming based on a 3D model
- Control of all axes and fixtures
- Utilization of all machine technologies
- Dramatic productivity increases

The Integrated CAD/CAM Solution

www.topsolid.com

 **Missler**
SOFTWARE

TopSolid'Wire

The perfect solution for tool design

When tools have been designed in 3D it is often necessary to remove certain areas by wire EDM. These repetitive and tedious operations for manufacturing preparation add little value to the product itself. With TopSolid'Wire, adapted and optimized machine codes can be created in a short timeframe on the basis of any 2D or 3D file (wire, surface or volume model) suited for straight cuts up to 4 axes.

Data retrieval

- IGES, DXF, Catia, STEP, SAT, Parasolid
- Integrated surface and volume modeler

Calculation of gaps and prolongation of surfaces

- Electrical discharge gap during roughing or finishing
- Automatic tangential prolongation of surfaces
- Easy modification
- Control of multiple drafts

Part of Missler's integrated solution

- TopSolid'Wire especially complements TopSolid'Mold, TopSolid'Progress and other solutions of this product line. It therefore guarantees high associativity and dramatic productivity increases.
- Optimum continuation of design in manufacturing

Machining based on profiles or surfaces

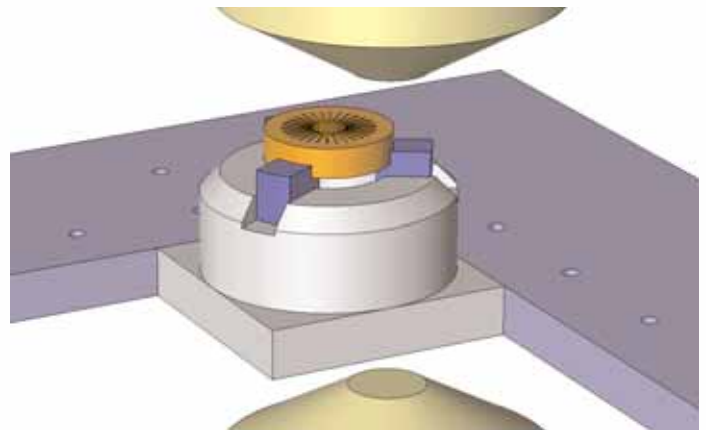
- Automatic profile offset in Z direction
- Recognition of surfaces and drafts
- Selection of configurable elements
- Destructive roughing

Optimized tool paths

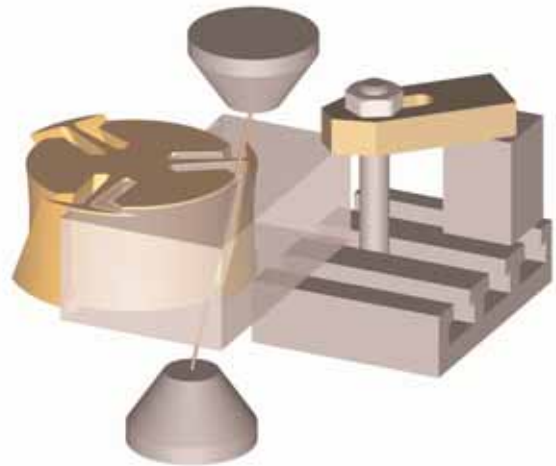
- TopSolid'Wire supports important machining strategies and machine technologies
- Control of loops, edges and corner conditions
- Optimized chaining of tool paths
- Management of day/night strategies with automatic threading and cutting of the wire

2 to 4-axis-machining for all machines

- Machine table control
- Consideration of machining speed tables
- Optimized and configurable post processors



TopSolid'Wire is perfectly suited for wire models and digitalized surface or volume models.



TopSolid'Wire enables realistic simulation of the machine environment. Tool paths are optimized and contain control functions for loops and corner conditions.

About Missler Software

Missler Software is the second largest French supplier of CAD, CAM, ERP and PDM solutions. The company's product lines include TopSolid, TopManufacturing and GOelan. Missler Software originated from the merger of Missler Informatique, TopCad, Catalpa and CN Industries. As a result, Missler's product portfolio includes comprehensive modern software solutions for the mechanical engineering industry: general mechanical design, special machinery, tooling, sheet metal processing, boilerwork,... Companies around the world are using TopSolid solutions - the export share of this product line amounts to more than 60%.

Missler Software

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