Tool-Designer Coolant: Defining Complex Coolant Holes Easily
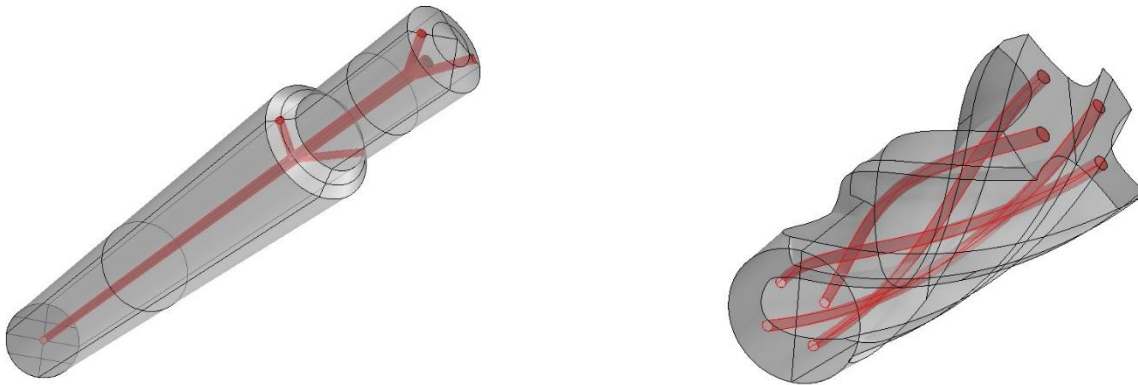
Easily define coolant holes with TD Coolant

TD Coolant is a module of the CAD/CAM system ISBE Tool-Designer Suite to define multiple branching, lateral as well as spiralized coolant holes. Showing point geometry and step transitions, the program allows exact positioning of the coolant holes. TD Coolant enables users during the engineering process to recognize and modify coolant holes located too close to an outer wall.

2D and 3D views in TD Coolant provide optimum visualization of coolant holes. All defined coolant holes can be reflected in a 3D surface model for usage in production. It is possible to preprocess unsintered tools (green-compact machining) or to erode carbide blanks.

How you can benefit from using TD Coolant:

- Fast and easy modeling of complex coolant holes saves expensive design compared to conventional CAD systems
- Precisely defined coolant holes allow recognizing penetrations and reducing scrap
- TD Coolant provides optimum visualization through a combination of 2D and 3D views
- Exporting 3D surface models in STEP format allows easy re-utilization for machining and saves time-consuming re-modeling

All modules of the CAD/CAM system ISBE Tool-Designer Suite have been specifically developed for the precise modeling of tool geometries. Benefit from short time to market when defining complex coolant holes.

More information
on our website

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