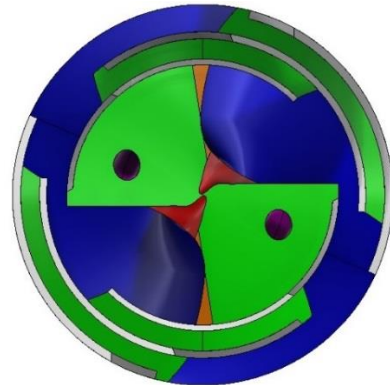
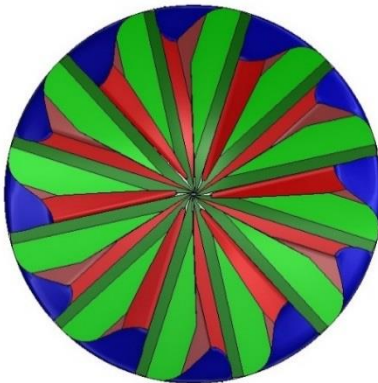
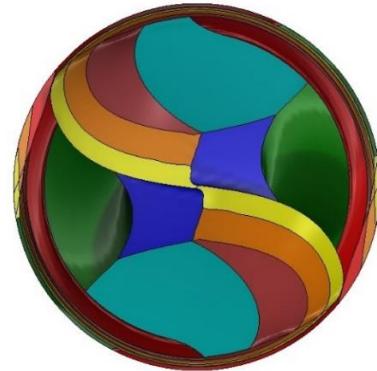
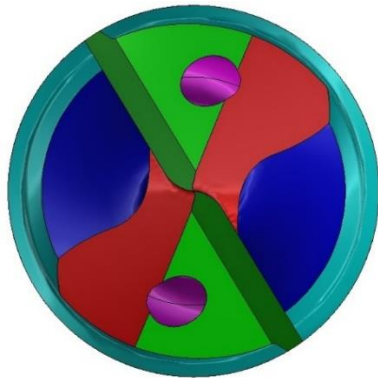


Tool-Designer Point: Modeling Exact Tool Tips Coherently



Exact tool tip definition with TD Point

Using TD Point allows the user to model exact point geometries fast and precisely. Results get visualized via 2D views. In the background TD Point calculates the toolpath for the complete point machining, point grinding and web thinning and generates a grindable 3D model. Optionally it is possible to generate a 3D surface model of the tool tip that can be used for tool production. As a step file the 3D surface model is applicable for high-quality FEA simulations.

How you can benefit from using TD Point:

- Fast and precise modeling of point geometries saves complex and expensive design compared to conventional CAD systems
- Calculation of the tool path for the complete point machining guarantees for a grindable tool geometry
- Combining several web thinnings allows creating new designs fast
- Exporting the data as 3D surface model in STEP format for easy usage in production saves time-intensive remodeling

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



More information
on our website