NEW: Fast creation of 3D-tool models directly in CATIA V5
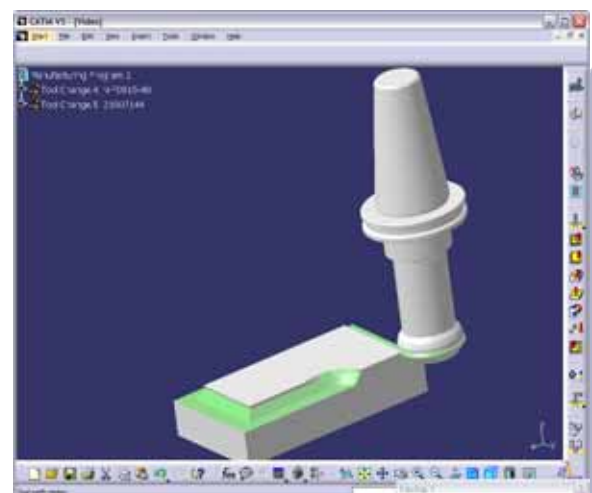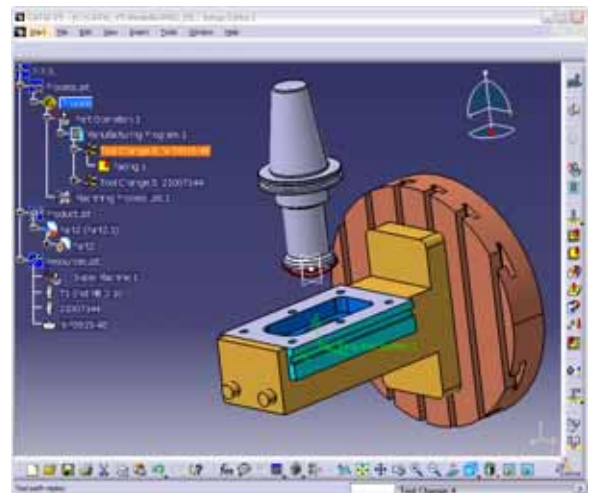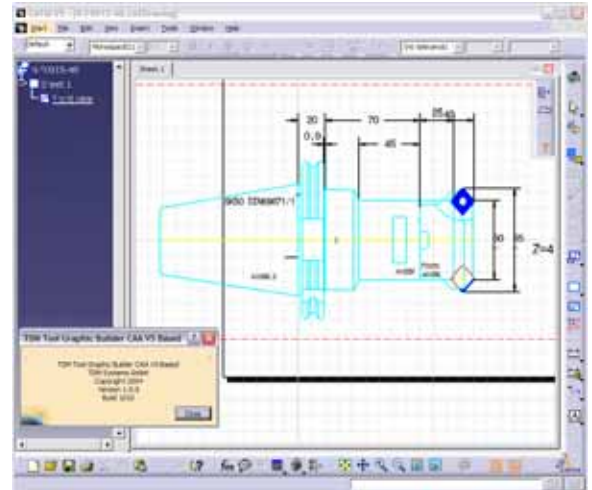
The "TDM ToolGraphicBuilder CAAV5 Based" (TGB) is a new software tool from TDM Systems to generate tool graphics directly in CATIA V5. This software integrates TDM functions in CATIA V5 via a user interface. The TGB quickly generates 3D tool graphics in original CATIA V5-format for symmetrical rotating tools.

Features of the TDM ToolGraphicBuilder:

- Import of tool assembly from TDM with bill of materials and tool components graphics in DXF-Format (2D).
- Creation of CAT Drawing of the assembly directly in CATIA V5.
- Creation of outline contour and definition of cutting and non-cutting parts (CUT/NOCUT).
- Creation of a full scaled 3D-solid as CATProduct.

Benefits:

- Up to 90 % faster generation of 3D tool graphics & data in CATIA V5.
- The graphics include all tool data along with geometry.
- Dramatic increase in processing accuracy and reliability ind the production area.
- Reliable and realisitic tool parts replay and material removal simulation.
- Use of CATIA environment for graphic generation.

The TGB is a CAAV5 Based product!

"Automatical generation of 3D-rotating tool models directly in CATIA V5"

2D-item list

Automatic tool assembly in TDM - based on existing tools

2D tool assembly in CATIA V5

Creating the 3D-tool model

Building the tool contour

Tool graphics meet simulation requirements: cutting & noncutting parts are recognized

Simulation & collision analysis in 3D! Higher process quality!