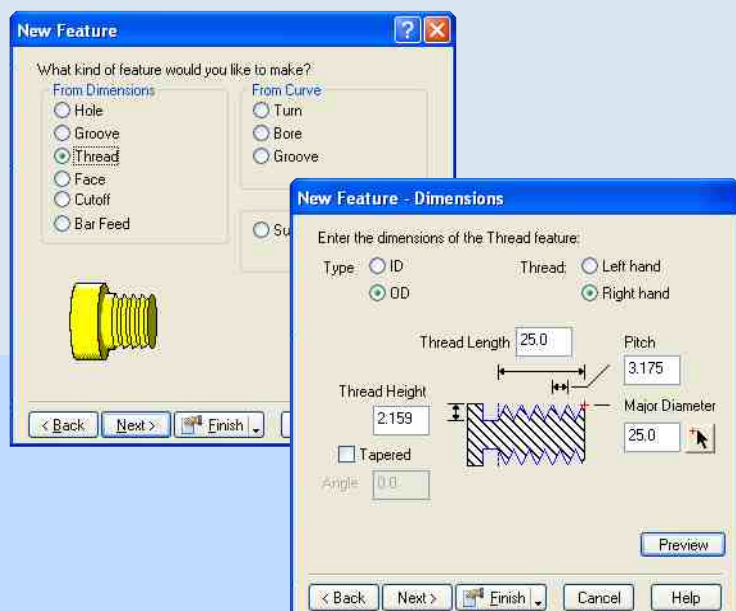


FeatureTURN creates efficient toolpaths

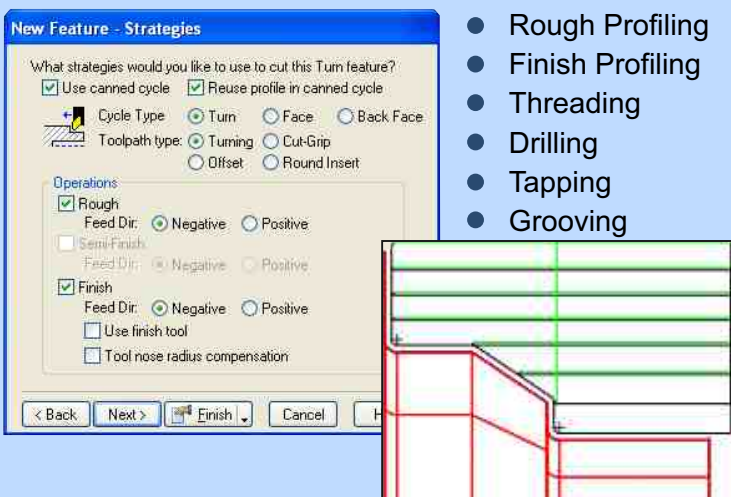
FeatureTURN is an advanced software package for unparalleled automation in Computer-aided manufacturing. As the name implies, it is a feature-based, or knowledge-based, manufacturing system. It knows about common features of turned parts and uses that knowledge to automate the manufacturing details. You control the amount of automation that is right for the situation.

Just describe your part to FeatureTURN in the same shop terms you are already familiar with, and it will automatically generate the proper tool paths, feeds and speeds, and accurate NC code. The feature graphic will dynamically update as you scroll through the different options to help you visualize the different features available.



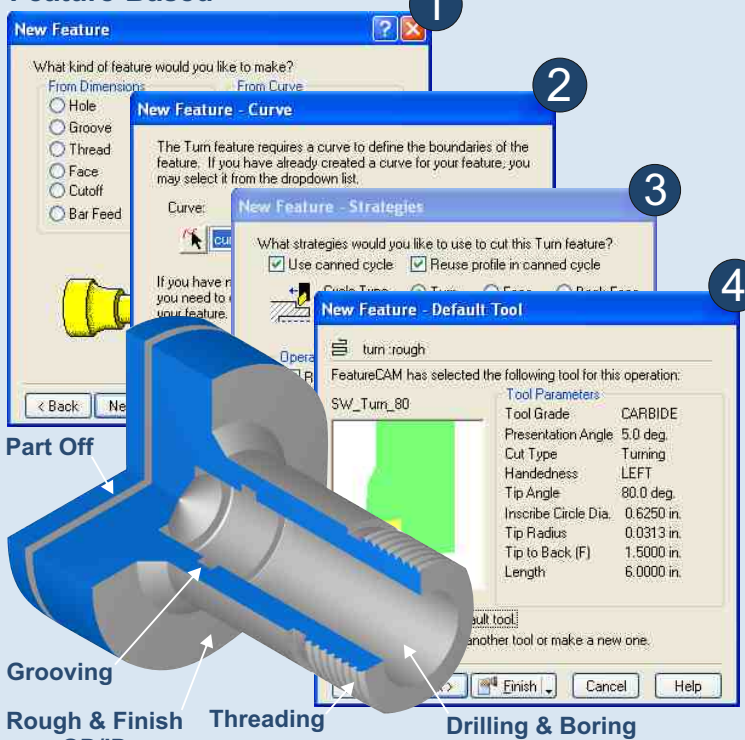
Canned Cycles

FeatureTURN allows you to take advantage of canned cycles to minimize the size of NC programs.



- Rough Profiling
- Finish Profiling
- Threading
- Drilling
- Tapping
- Grooving

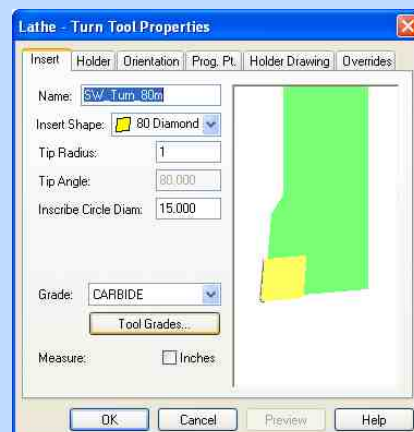
Feature-Based



- 1 To create a turning feature simply select the type of feature from the New Feature Wizard. This can be a Hole, Groove, Thread, Face, Partoff, Barfeed, Turn, Bore, Free Groove.
- 2 Then select the geometry of the turned profile or in the case of a feature such as hole simply fill in the wizard to describe the hole diameter and depth etc.
- 3 Next stage is to define the machining strategy such as cut direction, output canned cycle, tool nose compensation etc
- 4 A suitable tool for the feature will be automatically select from the tool library along with suitable speeds and feeds. This tool can be accepted or changed if required.

Tool Library

Tooling becomes very important in turning, and FeatureTURN simplifies this task. Tool selection is automatic based on a user customizable tool library, while leaving you the flexibility to easily override any chosen tool. FeatureTURN comes with hundreds of standard lathe tools to choose from. You can easily create custom tool libraries and tooling to represent your collection of tooling.



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