



***The Mill and Drill***  
Vol 1, Issue 12 (Sept. 17, 2004)

**DEAR CUSTOMER**

Welcome to your weekly installment of "*The Mill & Drill*", TriMech Mfg.'s Technical Newsletter for FeatureCAM. This newsletter is intended to keep you, the hip TriMech FeatureCAM User, on the cutting edge of your FeatureCAM seat. Don't forget to visit [www.trimech.com](http://www.trimech.com) for additional information.

**NOTICES**

**Did You Miss A Newsletter?**

Don't worry, the newsletters are posted, every issue, in PDF format on the TriMech Web Site ([www.trimech.com](http://www.trimech.com)). Just hover over TriMech Manufacturing, Technical Support and you will see "The Mill & Drill" letters to the right side.

**TriMech Manufacturing is Growing...**

...to serve you even better. Initial plans are under way to add Manufacturing personnel to the Pittsburgh area and North Carolina. We are still early in the recruitment stage for Sales Representatives/Applications Engineers, so we will be making more announcements as details become finalized.

**FeatureCAM User Groups**

We are exploring the possibility of forming FeatureCAM user groups throughout our territory. These groups will give you, our hip FeatureCAM customers, the opportunity to get together to exchange ideas and information about FeatureCAM. Each meeting will feature a presentation about a specific FeatureCAM topic and time for open discussion. If you are interested in having a group form in your area, contact us!

**Tell a friend!**

Don't feel like you have to keep our newsletter all to yourself! If you have friends and associates who aren't TriMech customers, but would benefit from our information or services, feel free to forward our newsletter to them.

**FeatureCAM TRAINING SCHEDULE**

**Note:** Our main training facility is in Fishersville, VA, but we can make special arrangements for classes at any of our other TriMech offices (Columbia, MD; Pittsburgh, PA; Richmond, VA; Durham, NC; and Charlotte, NC). We also provide on-site training. Call (540) 949-7703 for rates and details.

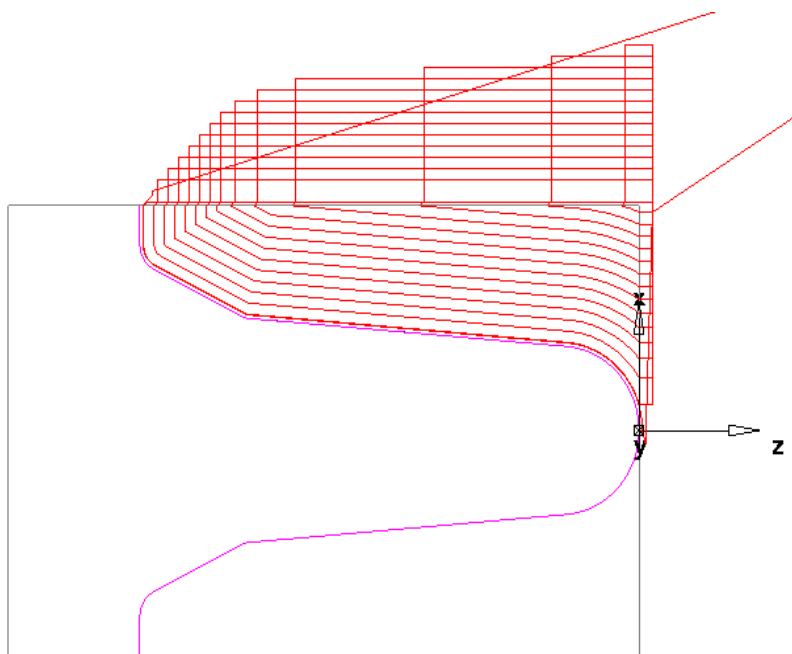
<b>Fishersville, VA</b>	
FeatureCAM Basic (2 days)	Oct. 5,6
	Nov. 9, 10
	Dec. 7,8

FeatureCAM Advanced 2.5D Milling and FeatureRECOGNITION	Oct. 14
FeatureCAM Turning	Sept. 23

## TIPS AND TRICKS

### Turning Toolpath Types

In FeatureCAM 2005, there are three toolpath styles for Turning and Boring features. **Turning** generates the normal rough and finish toolpaths that you have been accustomed to seeing in previous versions. **Cut-Grip** is a new algorithm that generates toolpaths with specialized strategies required for using Iscar *CUT-GRIP* tooling. With the new **Offset** strategy, you will get roughing paths that follow the profile of the feature's curve.



### Offset Toolpath

### Printing Options

Did you know that you can print the graphics window from your file? You can also print other things like your Tool Lists and Operations Lists. Go to **File > Print**. By choosing the **Selection** option, you can pick out what you want to print, or you can select **All** and print everything.

### Smoothing Out the Rough Edges

Sometimes a solid or surface model can get very jagged-looking when you zoom in on it. Corners get clipped off and holes look like squares. If you refresh your screen, the part will be redrawn and your part's edges will smooth out. Do this by hitting **Alt+R** or

**View > Refresh.**

**QUESTIONS/COMMENTS?**

Please send any tips/tricks, feedback (regarding this newsletter)  
or requests to be added/removed from our distribution list to...

[jkanney@trimech.com](mailto:jkanney@trimech.com)