



TRIMECH
Manufacturing

The Mill and Drill

Vol 1, Issue 39
(Apr. 22, 2005)

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 for additional information.

NOTICES

Print your parts in 3D and in Color!

Need a quick prototype? If you are working with a CAD system like SolidWorks and you don't want to take the time and expense to machine a part, you can create your own prototypes with your own *printer*. This is really cool technology, and TriMech has it. We are excited to announce that TriMech is now an authorized dealer for **ZCorp 3D Printers**. For more information, check out the 3D printing products offered by TriMech at www.zcorp.com. (*The idea and content of this newsletter item was sort of "borrowed" from the TriMech Solutions Tech Newsletter. Thanks, guys.*)

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). Just hover over TriMech Manufacturing, Technical Support and you will see *The Mill & Drill* letters to the right side.

Is there anybody else at your company who would like to receive the newsletter?

Send us their name and e-mail address, and we'll add them to the list.

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.

Fishersville, VA	
FeatureCAM Basic (2 days)	May 4,5 June 8,9
FeatureCAM Advanced Milling	May 12 June 16
FeatureCAM Turning	TBD
TIPS AND TRICKS	
<p>Large Chamfers</p> <p>If you have a chamfer that is larger than your chamfer tool and you want the tool to step down, use a Side feature with draft. On the Wall tab, you can set a regular endmill to rough the chamfer in steps, then on the Finish operation Milling tab, you can step a chamfer tool down the side to finish.</p> <p>Cutter Comp on Counterbores</p> <p>Can't be done, right? If you search through the hole feature properties, there is absolutely nowhere to turn comp on or off. Well, it turns out you <i>can</i> use cutter comp on counterbores! If cutter comp is turned on as a Machining Attribute, then the counterbore operation will use it. Check out the code and see for yourself.</p>	
QUESTIONS/COMMENTS?	
<p>Please send any tips/tricks, feedback (regarding this newsletter) or requests to be added/removed from our distribution list to...</p> <p style="text-align: center;">ccole@trimech.com</p>	