Micro Machining & Manufacturing

JBD Studio located in Yardley, in the suburbs of Pennsylvania is an industrial design house specializing in product development work, and prototype machining. The business relies heavily upon CAD\CAM for design, engineering, manufacturing, and communication. VisualMill is one of the principal tools in their collection.
Brian DiNola, their CNC expert is an experienced, self taught machinist who got involved with CNC programming after going through numerous quality control issues with outsourcing. He has been using several CAM tools for a long time and says that he chose VisualMill for it's ease of use. "It is quick and easy to program with, low cost and has a short return on investment.

Brian also owns MasterCAM but he likes VisualMill because of it's easy setup and operability. "The GUI post editor is an excellent addition when programming for different controllers. VisualMill also has a much lower purchase price and zero maintenance cost. It is great for machining mesh and stl files. He also uses Rhino as his main CAD system and he says that VisualMill "..imports my Rhino files easily and handles tessellated data very well".

Since JBD studio does prototyping and low volume manufacturing, time is of great essence. The Pocket Finishing operation for machining complex 3D pockets requires little setup and does wonders producing the part in a short period of time.

JBD studio is now working with a machine tool company to help develop and build a machine designed for machining small but complex parts. VisualMill will be used as the CAM software with this machine.
Micro machined titanium disc for aeronautical application