Tombstone machining can be added on to either the FeatureMILL 2.5D or 3D product.

For Tombstone work you simply click on the Indexing tab in the stock wizard and select 4th Axis positioning, the axis to index around and if you want your program to be tool or setup dominant.

In Tombstone select the no of faces and size of the fixture. Select your single part and then the wizard will guide you through placing it on the tombstone.

**Tool Dominant**

Once a tool is active it will machine as much as it can on all faces of the tombstone thus keeping tool changes to an absolute minimum.

**Setup Dominant**

This will machine all components on the first face of the tombstone and then continue to machine the next face.

**Supports both horizontal and vertical machines.**

**Manages the placement of the parts on the tombstone.**

**Helps you determine the milling coordinate systems.**

**Sequences the operations so that tool changes are minimized.**

**Generates optimized NC code.**

**Simulates the code while displaying the tombstone, parts, tool, tool holder and spindle.**

**Detects any gouges during simulation.**

Using FeatureMILL you now program your single component for all top and side features. Then run the simulation to see all the features being machined for the various setups. Once you are satisfied with the single part machining it can be saved ready to place on the Tombstone.

**Tombstone Simulation**

Full simulation of the cutting with rotation of the tombstone lets you see exactly how the parts will be machined.

If the tool or tool holder collides with either the part or fixture a warning will be issued immediately.