



## **Tsugami BH Series Training Class\***

*March 19<sup>th</sup>-23<sup>st</sup> and August 20<sup>th</sup>-24<sup>nd</sup> 2012 (9am-4pm)*

### **-Class Curriculum-**

#### **Day 1) Machine and program overview**

- a) Explanation of axis.
- b) Machine capability.
- c) Tooling zone.
- d) Safety
- e) M and G code

#### **Day 2) Machine and program overview / Interactive programming**

- a) Program start-up and format
- b) The G300 line
- c) The G150 line
- d) Understanding a 3 path control
- e) Using wait and sync codes with a 3 path control

#### **Day 3) Interactive programming / Machine Set-up**

- a) Coordinate system
- b) Programming the part
- c) Canned cycles
- d) Milling
- e) Cut off check program
- f) Completing the program
- g) Using super position and composite commands
- h) Code specific to the turret

#### **Day 4) Machine Set-up and proving out the program**

- a) Powering up the machine
- b) Setting the collet and guide bushing tension
- c) Tooling up the machine
- d) Setting up the turret

#### **Day 5) Proving out the program**

- a) Setting offsets
- b) Understanding offsets when using the turret
- c) Running the part

\*This class is an accelerated class not an introduction to Swiss class.