



**WISE**  
active control  
WISE SYSTEM



### ADAPT MACHINING PARAMETERS ONLINE

- Spindle torque
- Effort in feed
- Coolant pressure
- Coolant flow
- Vibration



TWO CONTROL  
OPTIONS




### INTERSECTION

The system automatically detects intersections in the process and sets the parameters accordingly to keep the quality of the operation and to protect the tool lifetime.

### PROCESS

The system detects variations of the efforts of the process and automatically adjusts the drilling parameters to keep a continuous process.



INTERFACE  
REQUIREMENT

HEIDENHAIN  
TNC 640

SIEMENS  
SINUMERIK

FAGOR  
CNC 8065

### INTERFACE



PATENT PENDING



END OF  
EXTRAORDINARY COSTS



### END OF EXTRAORDINARY COSTS OF NONCONFORMANCE

The diversity of operations, the lack of raw materials homogeneity, the deficient parameter settings, and intersection holes often lead to the reduction of the tool lifetime. As hole intersections are a constant matter on mold making, and considering the difficulty of these operations, it's common to have problems on final results as unexpected hole drifts, premature tool wear or tool break.