

FIELD ANALYSIS REPORT



THIS REPORT MUST BE COMPLETELY FILLED OUT

MANUFACTURING, INC.
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_____ DRILLING APPLICATION

DATE: _____ SUBMITTED BY: _____

END USER	Company Name: _____ Company Address: _____ _____ Contact - Name - Title: _____ Telephone: () _____ FAX: () _____	
AGENT AND DISTRIBUTOR	Distributor Name: _____ Distributor Address: _____ _____ Telephone: () _____ FAX: () _____ Contact: _____ Hougen Rep.: _____ Telephone: () _____ FAX: () _____	
APPLICATION INFORMATION	Part / Assembly Description: _____ Material: _____ Condition: _____ Hardness _____ Rc _____ BHN Finish Required: _____ Other Requirements: _____	
APPLICATION INFORMATION	DRILLING DATA: Thickness: _____ Thru Hole: _____ Blind: _____ Hole Dia.: _____ Tolerance: _____ Depth of Cut: _____ Stack? _____ Interrupted Cut? _____ If Yes, Describe on Rear _____ Bushing Used? _____ Required Extra Length: _____ Gage length: _____ Min _____ Max _____ Holes Per: Mo/Year _____ Est. Lot Size _____	ANGLED ENTRY _____ CURVED SURFACE _____ ADDITIONAL COMMENTS _____ _____ _____ _____
PRESENT CONDITIONS	Tool: _____ Feed Rate: _____ RPM: _____ Cycle Time: _____ Tool Life: _____ Test Sample Avail.: <input type="checkbox"/> Yes <input type="checkbox"/> No Part Print Avail.? <input type="checkbox"/> Yes (enclosed) <input type="checkbox"/> No Process Dwg. of Mach. and Fixture Available? <input type="checkbox"/> Yes (enclosed) <input type="checkbox"/> No Current Problems: _____ _____	
SUCCESS CRITERIA	What is the minimum criteria required for the user to change to our tooling? Increase in Feed Rate To: _____ / _____ % Increase in Tool Life To: _____ / _____ % Decrease in Cycle Time To: _____ / _____ % Improved Tolerance To: _____ Improved Finish To: _____ Additional Criteria or Comments: _____ _____ _____	

MACHINE
INFORMATION

Machine make and type: _____
Vertical: _____ Horizontal: _____ HP available: Low RPM _____ High RPM _____
HP Curve*: _____
RPM Range Available: _____ Spindle Accuracy in .000" _____
Part Rotating: _____ Tool Rotating: _____
Power Feed: _____ Yes _____ No If "Yes", Type: _____
Air, Hydraulic, etc.
Feed Rates Available: _____
Tool Holder Style (Morse Taper #, NMTB #, Etc.) _____
Coolant: Thru spindle _____ Thru Tool _____ Flood _____ Other _____
Constant Pressure: _____ PSI Volume: _____ GPM
Type: _____
(Oil, Water Soluble, etc.)

*Many machines do not develop full HP at low RPM's, please attach HP curve if available.

PLEASE PROVIDE ALL AVAILABLE SUPPLEMENTARY DATA
TO PERMIT BEST POSSIBLE RESPONSE

SKETCH AREA