

# 1:1 Engineered End Mill Project with Wear Analysis™

Customer / Distributor		Phone Number	
Contact Name		Email	
End User (if applicable)		End User Contact	

End Mill Project Information						
Material being Machined (Type & Hardness):						
Customer's Internal Assigned Part Number:						
Is there a DWG: ___ yes ___no (If yes, attach copy)						
<b><u>What end mill is currently being used in this application:</u></b>						
Manufacturer's Name & Part Number / Description:						
What is the current <b>Mode of Failure</b> or issue with the current tool (why do they pull the tool: wear, breakage, burring, etc):						
<b><u>Primary</u></b> Improvement Desired - extended tool life, machine faster, better finish:						
<b>Cut Type:</b> Profiling, Slotting, Contour, Plunging, Roughing, Finishing (circle all that apply)						
RPM's & IPM's:						
Customer's Exact requirements: (ie. <b>Required LOC vs what's currently being used</b> )						
Diameter	# of Flutes	Sqr / Ball / Radius – Size?	Lgth of cut <b>NEEDED</b>	Overall Lgth <b>NEEDED</b>	Shank Dia	Coating (yes/no)
Target price (used only to determine necessary price breaks):						
Quantities to Quote:						
*Please note: after initial testing, there is a 50pc order minimum on all custom engineered projects						
Notes:						

**\*\* If Wear Analysis™ is desired, send 1-2 used (but not broken) end mills to the address below. Wrap them carefully – carbide will chip easily.**