

# TOOLING MODIFICATION QUOTATION

Date:

<b>CUSTOMER:</b>		<b>PART NAME:</b>	
<b>PART #:</b>			
<b>CURRENT ENG.LEV:</b>	<b>NEW ENG.L.:</b>	<b>PROGRAM:</b>	
<b>MODIFICATION DESCRIPTION:</b>			
<b>PARTS BANK REQUIRED FOR:</b>		<b>Weeks</b>	<b>BANK LEADTIME :</b>
<b>EXP. TOOL LIFE:</b>	<b>shots/pcs. per cav.</b>		<b>Weeks</b>
<b>PRODUCTION:</b>	<b>RUNNER:</b>	<b>HOT</b>	<b>EST. ANN.VOL.:</b>
<b>PROTOTYPE:</b>		<b>COLD</b>	<b>TOOL MAT'L: CORE/CAV.</b>
<b># OF CAVITIES:</b>		<b>HYBRID</b>	<b>M. BASE</b>
<b>INSERTS:</b>	<b>QTY. for PPAP:</b>	<b>Delivery:</b>	<b>weeks prior to PPAP</b>
	<b>QTY. for Bank:</b>		
<b>PART WEIGHT CHANGE</b>	<b>Increase:</b>	<b>g</b>	<b>Decrease: g REGRIND CONTENT</b>
<b>RUNNER WEIGHT CHANGE</b>	<b>Increase:</b>	<b>g</b>	<b>Decrease: g %</b>
<b>MATERI</b>			
<b>Cost Breakdown</b>	<b>\$/Unit</b>	<b># of units</b>	<b>Cost (\$) Comments</b>
Eng. Supp. (hrs)			- Engineering support & customer technical liaison
Design (hrs)			- Estimated cost of mould design
Material (cu.in.)			- Estimated cost of material
Heat Treat		1	- Estimated cost
Mould Base		1	- Estimated cost of a mouldbase
CNC Prog. (hrs)			- Estimated cost of CNC programming
CNC Mach. (hrs)			- Estimated cost of CNC machining
Wire EDM (hrs)			- Estimated cost of Wire EDM
Moldmaker(hrs)			- Estimated labour portion of the tool cost
Polishing (hrs)			- Estimated cost of polishing of the tool
Texturing		1	- Estimated cost of outsourcing mould texturing
Hot Runner		1	- Estimated cost of the hot runner
Testing (per test)			- Internal cost of testing of the tool
Q.A. @ (hrs)			- Internal cost of quality control
Q.A. Outside		1	- Estimated cost of outsourcing quality inspection
Miscellaneous		1	- e.g. engraving, additional equipment etc.
Fixtures/gauges		1	- <b>Packaging:</b>
<b>LABOR:</b>	<b>Subtotal:</b>		<b>Box: Quant.:</b>
<b>CYCLE:</b>	<b>Profit (x):</b>	1.00	<b>Liner: Return.:</b>
<b>M/C:</b>			<b>Other:</b>
<b>TOTAL:</b>		<b>\$</b>	<b>-</b>
<b>PROTOTYPE MODIFICATION</b>		<b># OF CAV.:</b>	<b>LEADTIME: WEEKS</b>
<b>DESCRIPTION:</b>			<b>COST: (\$)</b>
			<b>TIMING: WEEKS</b>
<b>Comments</b>			
<b>Prepared by:</b>		<b>Approved by:</b>	<b>File : .xls</b>