

Save with RobbJack Tools!

RobbJack's Cost Evaluation Worksheet

Date of Test: _____

Company: _____ Contact Person: _____

RobbJack Rep: _____ Distributor: _____

Machine (Mfg./Model #): _____

Workpiece Material: _____

Tensile Strength/Hardness: _____ Heat Treatment: _____

Operation: _____

Use this form to easily calculate your actual savings when applying our tools to your specific application. Please contact us if you need any assistance.



Visit www.robbjack.com/cew for downloadable and printable copies (.pdf) of this form along with Excel (.xls) versions that do all the calculations for you!

Cutting Costs:	Current	RobbJack	
Tool Number:			
Coating:			
Price per Tool:	\$	\$	
# of Parts Machined per Tool:			See below for procedure on calculating values:
Tool Cost per Part:	\$	\$	◀ Divide price per tool by # of parts machined
Total Parts per Year:			
Total Tool Costs/Year:	\$	\$	◀ Multiply total cost per part by total parts per year
Savings/Year:	Copy this value into #1 at bottom ①	\$	◀ Subtract current total tool costs from RobbJack total tool costs

Machine Costs	Current	RobbJack	
Tool Diameter:			
Number of Flutes/Teeth:			
Cutting Speed (SMM):			
Spindle Speed (RPM):			◀ Multiply SMM by 318.057; then divide by tool diameter
Feed per Tooth (mm):			
Feed Rate (mm/Minute):			◀ Multiply RPM by feed per tooth; then multiply by # of flutes
Total Cutting Time per Part (Min.):			
Hourly Rate of Machine:	\$	\$	
Machining Costs per Part:	\$	\$	◀ Divide hourly rate by 60; then multiply by total cutting time per part
Total Parts per Year:			
Total Machining Costs/Year:	\$	\$	◀ Multiply machining cost per part by total parts per year
Savings/Year:	Copy this value into #2 at bottom ②	\$	◀ Subtract current total machining costs from RobbJack total machining costs

Tool Changing Costs	Current	RobbJack	
Tool Changing Time (Min.):			
Hourly Shop Rate	\$	\$	
Cost per Tool Change:	\$	\$	◀ Divide hourly rate by 60; then multiply by tool changing time
Tool Changes per Year:			◀ Divide total parts per year by # of parts machined per tool
Total Tool Changing Costs/Year:	\$	\$	◀ Divide tool changes per year by cost per tool change
Savings/Year:	Copy this value into #3 at bottom ③	\$	◀ Subtract current tool changing costs from RobbJack tool changing costs

Tool Presetting Costs	Current	RobbJack	
Total Tool Presetting Time (Min.):			
Hourly Rate of Presetter:	\$	\$	
Costs per Tool Presetting:	\$	\$	◀ Divide hourly rate by 60; then multiply by tool presetting time
Total Tool Presettings per Year:			◀ Divide total parts per year by # of parts machined per tool
Total Presetting Costs/Year:	\$	\$	◀ Divide tool presettings per year by cost per tool presetting
Savings/Year:	Copy this value into #4 at bottom ④	\$	◀ Subtract current tool presetting costs from RobbJack tool presetting costs

Cost Evaluation Totals	Savings/Year	
Tool Costs – Savings/Year	①	\$
Machining Costs – Savings/Year	②	\$
Tool Changing Costs – Savings/Year	③	\$
Tool Presetting Costs – Savings/Year	④	\$
Total Savings/Year with RobbJack Tools		\$

For more information contact:

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