

INDUSTRY NEWS



**SOLVE YOUR DEEP INTERNAL TURNING PROBLEMS
WITH MAQ SELF TUNING TECHNOLOGY**

Machine multiple length to diameter ratios without any external adjustments

APPLICATION EXAMPLE

PROBLEM

Competition : Custom necked down Sandvik devibe bar 26“ deep

Existing performance : 30 pieces in 60 hours 2 hours per part

Problems: Did not break a chip, poor surface finish

SOLUTION: *Self tuning, mass damping, technology*

MAQ bar: 30 pieces 30 hours , 1 hour per part

Performance: Increase depth of cut, good surface finish

Other advantages: Used on other jobs around the shop as MAQ bars will self-tune to multiple L-D ratios.

ADDITIONAL COST SAVING EXAMPLES

Customer	Cycle time before (mins)	Cycle time after (mins)	% Productivity increase	How	Cost Savings
1	6.75	0.5	1314%	Increased speed	\$ 6,540.00
2	90	60	71%	Reduced passes	\$ 48,078.35
3	6.6	3.05	116%	Increased (speed & feed) reduce passes	\$ 38,214.00
4	3.5	1.4	112%	Reduced set up time increase feed	\$ 3,888.88
					\$ 96,721.23

“Reduced cycle time and achieving a better surface finish while also **doubling tool life at a lower price”**

- Quote from Production Engineer