

CASE STUDY: Recreational Industry

The following represents a case study of how Peterson's ThriftEdge® product increased tool life and decreased tool change frequency, through improved part finish.

RESULTS AT A GLANCE:

Change-Over Frequency:

From 12 Times per week
down to 1 time per week

Real Time Efficiency: 95%

Increase of Pieces: 11,250

Scrap Reduction From OD Tools: 98%

Machine Up Time:
30% Increase

CHALLENGE

INCREASE TOOL LIFE, AND DECREASE CHANGE-OVER FREQUENCY

Machines: Acme 3/4-RA8

Attachment: Acme Form Holders & Namco Shave Fixture

Tooling: Solid High Speed Dovetail

Part Type: Piston

Material: Aluminum

MANUFACTURING ISSUES

Resharpening/changing tools every 2,500 parts.

Real Machine Efficiency at 65%

Poor part finish.

SOLUTION

Machines: Acme 3/4-RA8

Tooling: Peterson - ThriftEdge® Insert Tooling

Attachment: Acme Form Holders & Namco Shave Fixture.

"I just wanted to share a picture with you of the difference your tooling has made for us with the finish of our parts. Once again thank you for all the hard work you and your team put into this for us and your constant communication after we received your product. You guys really care and its definitely not going unnoticed."

RESULTS

SET-UP TIME REDUCTION

ThriftEdge® Tooling reduced change-over time by 1 hour per every 2,500 parts. PTC's insert machined 30,000 parts. This reduced their tool change down from 12 to 1, basically reducing down time by 12 hours per week.

IMPROVED MACHINE EFFICIENCY

The customer is currently running at a real time efficiency of 95%. This improvement has provided an increase of 11,250 pieces per week. The manufacturer can now better manage their production requirements.



BEFORE
With Standard Tooling

AFTER
With Peterson Custom Tooling