

Case Study - Actirox

Details

Industry: Investment Casting

VSM Product: VSM Actirox (AK890Y)

Workpiece Material: Stainless Steel

Belt Size: 4" x 132"

Challenge

The client was removing large gates off of casted parts and felt their belt was not grinding enough pieces. They decided to test a few different competing belts against their current belt. This opened up operators to testing and VSM was asked to provide our best product.

Solution

Operators tested their current competing belt against the VSM Actirox 36 grit belt. After analyzing the results, VSM outperformed the competitors significantly on all of their belts. The VSM Actirox belt ground 30 gates as opposed to the competitor's which ground 13 gates. Operators also did second shift testing with consistent results and were more than convinced that the VSM belt was the best fit.

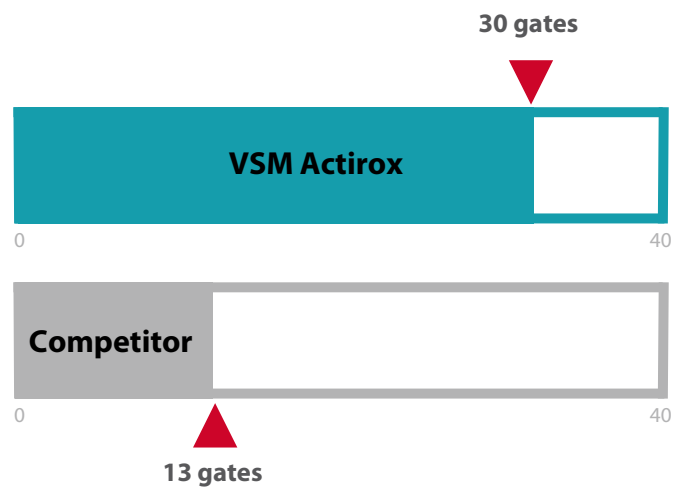
Result

- **Cost savings:** VSM belts cost less and produced more than twice the gates.
- **131% increase in gates per belt:**
 - VSM: 30 gates
 - Competitor: 13 gates
- **Operator satisfaction:** longer life and better cut rate speed at an average of 30 seconds per gate.

AK890Y



Maximum stock removal and faster cut thanks to Actirox's geometrically shaped grain



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