

# Case Study - Actirox

## Details

**Industry:** Aerospace

**VSM Product:** VSM Actirox (AK890Y) & VSM Ceramics Plus (XK885Y)

**Workpiece Material:** Super Alloys - Titanium

**Belt Size:** 2" x 132"

AK890Y & XK885Y

## Challenge

The client was looking to improve production on the belt operation.

## Solution

VSM analyzed results for the competitive product, Ceramics Plus and Actirox. Both of our belts outperformed the competitive product. VSM Actirox ground more parts and cut slightly faster than the VSM Ceramics Plus belt and therefore, was the best solution for the client.

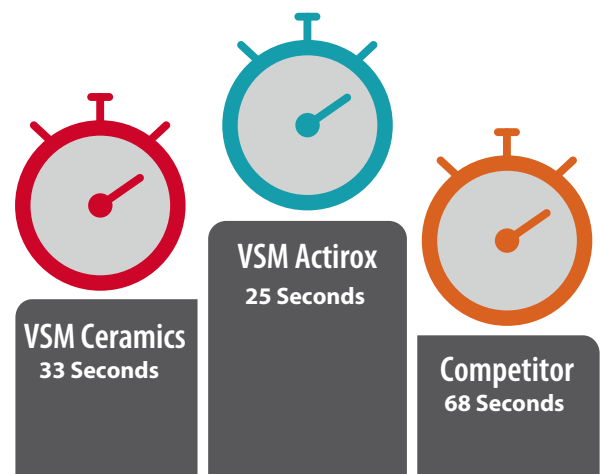


Maximum stock removal and faster cut thanks to Actirox's geometrically shaped grain

## Result

- **63% decrease in grinding time:**
  - Competitor: 30 parts in 68 seconds
  - VSM Ceramics Plus: 30 parts in 33 seconds
  - VSM Actirox: 30 parts in 25 seconds
- **167% increase in more parts per 33 seconds:**
  - Competitor: 15 parts
  - VSM Ceramics Plus: 30 parts
  - VSM Actirox: 40 parts
- **Operator feedback:** cooler cutting and less pressure needed.

▶ **VSM Actirox ground parts 63% faster.**



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