

CASE STUDY - ACTIROX

Details

Industry: Aerospace

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

Competitor Product: Norton Blaze (R940P)

Workpiece Material: Super Alloys - Titanium

Belt Size: 2" x 132"



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



Challenge

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

Solution

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

Result

- **63% decrease in grinding time:**
 - Norton Blaze: 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:**
 - Norton Blaze: 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.**

