

Case Study - Actirox

Details

Industry: Aerospace

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

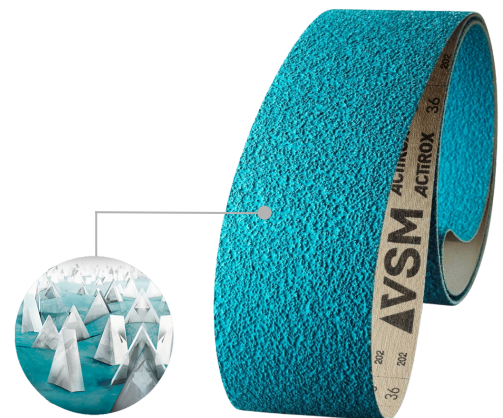
Workpiece Material: Super Alloys

Belt Size: 3" x 132"

AK890Y & XK885Y

Challenge

The client was utilizing two different belts –one for small parts and one for large parts, making ordering difficult. They wanted to consolidate to one belt for both parts without sacrificing quality and effectiveness. The client was previously using our VSM Ceramics Plus belt for the small parts and the competitor’s belt for the large parts.



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

Solution

The VSM Ceramics Plus, the competing product and VSM Actirox were all tested on the small parts and large parts. In both cases, the VSM Actirox belt performed the best, grinding the most parts for both. This was exactly the results the client needed in order to utilize one superior belt for both parts. Additionally, Actirox had no tears along the edges compared to the competitors thanks to the sturdy Y-weight polyester backing.

Result

- **Convenient ordering:** one belt to be utilized for both size parts.
- **11% more large parts ground per belt:**
 - Competitors: 9
 - VSM Ceramics Plus: 6
 - VSM Actirox: 10
- **250% more small parts ground per belt:**
 - Competitors: 24
 - VSM Ceramics Plus: 70
 - VSM Actirox: 84
- **Better edgewear and sturdy backing:** grains on the edge of the belt did not shed.

