

## **CASE STUDY - COMPACTGRAIN**

#### **Details**

Industry: Agricultural Equipment

VSM Product: VSM COMPACTGRAIN (KK772J)
Workpiece Material: Hardened steel feed screws

Machine Type: Slack of belt polisher Belt Size & Grit: 4" x 132", 320G

### Challenge

This customer encountered significant challenges when grinding their hardened steel feed screws. The operation took an exorbitant time to remove defects and required multiple belts to finish a single feed screw.

#### **Solution**

VSM came in to test its COMPACTGRAIN to compete against the AO product the customer was previously using. Not only did the VSM belts cut the grinding time in half, it also gave the superior finish that the customer was looking for.

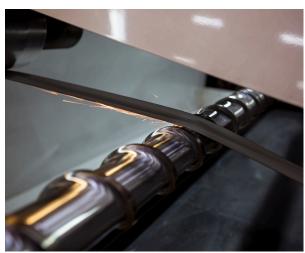
#### Result

- Significant time savings
  - VSM: 10 hours to complete
  - Competitor: 20 hours to complete
- Cost and labor savings
  - Only 1 belt needed and less labor required
- Improved finish
  - Uniformity and removal of all imperfections

## **KK772J**



# VSM belts cut customer's grinding time in half



Pictured: grinding of feed screw

#### **VSM Abrasives Corporation**