

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

KK772J

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.

VSM belts cut customer's grinding time in half

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



Pictured: grinding of feed screw