

Torque Converter Case Study

Challenge - A truck manufacturer had trouble keeping scrap metal stringers off of the tooling and out of the stamping when they began to turn the finished surface. The issue created a loss of time and the need for a secondary operation to remove the chips. In addition, the stringer created a safety issue for the operator because of their sharp nature. The current production was 400,000 units a year and the issue was occurring on every part so the customer was having substantial lost time and potential for injury on the floor.



Solution – ParePro was installed and scribed in four (4) different areas on the part within the finished part parameters. ParePro cycle time was substantially less than the turning operation so ParePro was able to supply enough parts to feed multiple machining centers.

Result - ParePro process resulted in a number savings:

- **Eliminated stringers**
- **Machining time reduced 14%**
- **Feeds/Speeds were changed for optimal performance**
- **Changed to less expensive tooling; 10% savings**
- **Eliminated stringer safety issue**
- **Increased throughput**
- **Abolished the need for stringer related rework**



Each application has its own set of benefits and we would welcome the opportunity to discuss how ParePro can help improve your turning operation. Give us a call or drop us a note and one of our Solution Engineers will reach out shortly. 734-240-1500 or info@parepro.com