

Park Rapids

TEAM Park Rapids has been specializing in high speed aluminum machining since 1996. We work with tight tolerances associated with complex components such as engine crankcases, transmission cases and clutch components. With our climate-controlled environment, we can support critical features for bearing journals. We pride ourselves on having real-time capability information available at our workstations and the ability to maintain part traceability. Our sister plant, only 40 miles away, provides us with our die castings to give us that competitive edge.

PLANT FACTS

- Certifications: ISO 9001:2015
- Employees: 95+
- Plant Area: 125,000 sq ft

MANUFACTURING PROCESSES

HORIZONTAL AND VERTICAL MILLS

- 40, 50 & HSK63 Tapers
- 400, 500 & 600mm Pallets
- Many VMC's Equipped with Indexer
- Variety of Tool Magazine Capacities
- Some 5-axis VMC Machines
- Touch Probing Capabilities
- Air Part Load
 Detection Capabilities

TURNING CENTERS

 Single and Double Spindle Machines

- Single, Double & Triple Turret Machines
- Some Equipped with Y-Axis
- Some Live Tool Equipped
- Some have Programmable Tail Stock
- 48" Bar Feeders

CNC CYLINDRICAL GRINDERS

BROACHING CENTERS

• Up to 48" Bar Length

SPLINE ROLLING CENTERS

24" Rack Machines

VIBRATORY TUMBLERS

THREAD/KNURL ROLLING CENTERS

LEAN CELLS WITH FANUC ROBOTIC ARMS

INDUCTION HEAT TREAT MACHINE

IMPREGNATION LINE

ADDITIONAL IN-HOUSE RESOURCES AND CAPABILITIES

- Temperature Controlled Facility
- In-House Fixture Designing and Building
- In-House Automation Design and Implementation
- Cleanliness Testing, Leak Testing and Minor Assembly Capabilities
- SPC Monitoring

MATERIALS PROCESSED

STEEL ALUMINUM CAST IRON

