



WISCON PRODUCTS builds strategic business partnerships by providing advanced manufacturing solutions through highly complex, high volume, precision turned parts from bar stock. Through constant innovation and investment we have defined what quality means to the precision machining process. From product development through the products life WISCON provides family owned dependability our clients have trusted since 1945. Our precision parts can be found globally performing in aerospace, hydraulics, medical, energy, automotive, off road, construction, power and hand tool industries.

Perfectly produced precision turned part solutions from barstock...WISCON SETS THE BAR!

EXPERTISE

- CNC precision turned parts solutions with complex geometries and fine contours
- Prototype to Production
- Materials include: ALL Machine-able Alloys
- Turning Diameters .250" (6.35 mm) to 2.875" (73 mm)
- OAL .250" (6.35 mm) to 20" (500 mm)
- Production Tolerances +/- .0003
- Finish TO Ra 4

CAPABILITIES

- Milling
- Drilling (deep, cross and off-center)
- Turning / Polygon Turning
- Gear Hobbing / Cutting
- Thread Rolling / Cutting
- Grinding
- Material Management
- Value / Reverse Engineering

ZERO DEFECT Quality Assurance

Our goal is to achieve continuous reduction of process variation. This requires statistical data analysis, statistical process control and sound problem-solving efforts. By developing reliable, capable and pragmatic processes, Wiscon will improve quality, increase productivity, and lower costs. This will result in a robust supplier / OEM partnership, mutual growth and sustainable success. Wiscon Quality Assurance sets the bar!

- ISO 9001:2008
- ZEISS CONTURA CMM
- ZEISS DURAMAX CMM
- Hardness testing
- Surface measurement

- Microscopic measurement
- Optical measuring equipment
- Contour and roundness measuring equipment
- 3-D Virtual Machine Design and Program Software
- Full APQP / PPAP (AIAG-Standards) documentation including FMEA, ISIR, Control Plans, Capability Studies, SPC monitoring on In Progress Processes

MARKETS SERVED (GLOBAL)

- Aerospace
- Valve and Fittings
- Hydraulics
- Off-highway
- Medical
- Energy
- Recreational Vehicles
- Automotive
- Power and Hand Tools

FACILITIES

- **(2) INDEX CNC MS 52 (multi spindle)**
- **(3) INDEX CNC MS 40 (multi spindle)**
- **(7) INDEX C-100 (twin spindle, 3 turret driven tool, multi axis lathe)**
- **(3) INDEX C-200 (twin spindle, 3 turret driven tool, multi axis lathe)**
- **(2) INDEX V160 (CNC vertical lathe with grinding capability)**
- Tesker 320 (thread rolling 3.0")
- Tesker 200 (thread rolling 2.0")
- Kitamura H400 (horizontal machine center)
- Kitamura HX400 (horizontal machine center)
- Kitamura 2X (vertical machine center)
- (3) HWACHEON 2 Axis Universal Lathes (chucker – 2" X 18")
- (2) WASINO 2 Axis Lathes (chucker – 6" X 24")
- Koepfer 180 Gear Hobbing (parallel axis ONLY)
- Erwin Junker Grinder (30° angle head cylindrical grinder)
- Engis 6 spindle hone
- KKS400 Kaltenback Cold Saw
- (2) Fanuc Robots (cleaning and inspection)
- ZEISS CONTURA CMM (Quality Lab)
- ZEISS DURAMAX CMM (Shop Floor)