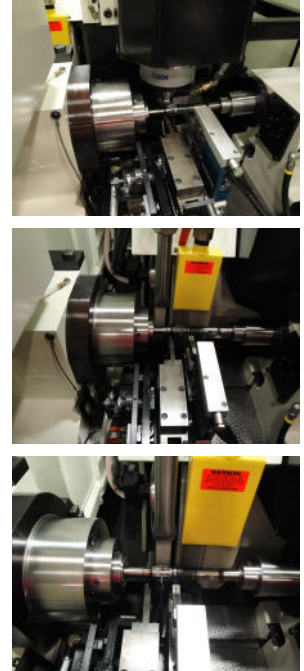


1632 GOLD "3 in 1" Input Shaft Grinder

Top tier automotive supplier selects Weldon to satisfy demand for grinding new truck steering gear components.



A 3-in-1 process for power steering input shaft grinding allows the end user to grind longitudinal slots to a precise width, grind the major OD to size under gage control, and C-axis grind the metering edges in one continuous cycle. This results in consistent quality (OD size tolerance of +/- .0025mm at 2.0 Cpk) and a total cycle time under 75 seconds.

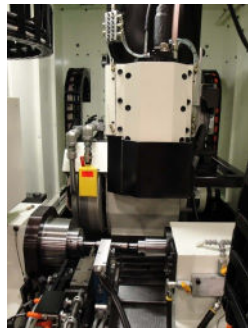


System features:

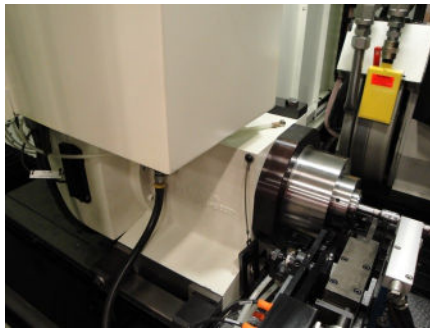
Renishaw radial probe, **SBS** automatic wheel balancer, **Movomatic** in-process sizing gage, **FANUC** 180i CNC control, **GMN** high frequency vertical grinding spindle, **Dittel** acoustic emissions sensor, **Heidenhain** linear and rotary glass scales



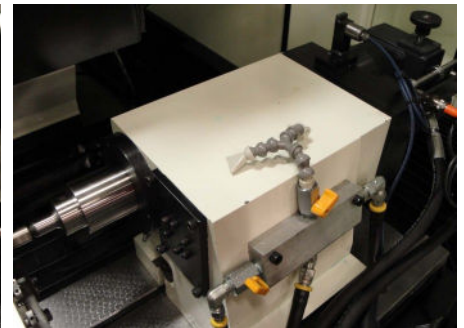
FANUC 180i TB
CNC Control



Servo Controlled
Vertical Spindle
Slide



Heavy-duty Live Spindle
Programmable Workhead



Hydraulic Tailstock with Eccentric
Quill for Taper Adjustment



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