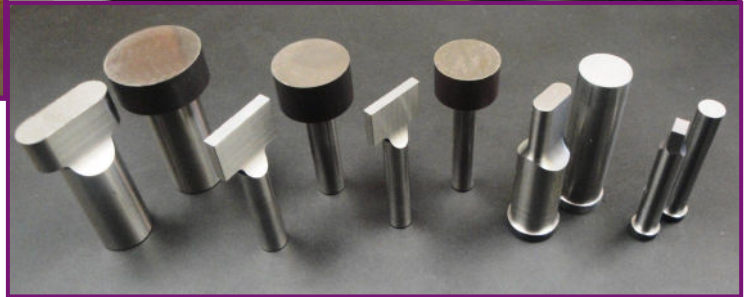
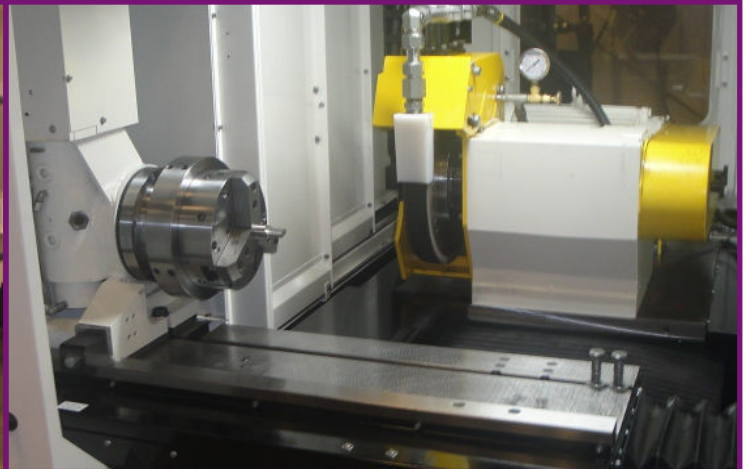


# 1632 GOLD OD Punch Grinder



A Midwest based sheet-metal punch manufacturer has added another Weldon model **1632 GOLD** to their equipment list. This newest machine features a high-speed CNC control system, custom software, and an X-axis linear motor, that together resulted in productivity increases of better than 80%. Notable was that the higher productivity was accomplished at a quality level exceeding current standards.

In this application, punches are ground “from solid” using vitrified CBN abrasives. This eliminates the normal pre-milling to remove the bulk of the stock, eliminates the need to radially locate from a pre-shape to establish C-axis position, reduces work-in-progress inventory, and shortens the lead time for manufacturing.

## System features:

**Weldon** programmable gear drive workhead, **Heidenhain** X-axis glass scale, **Gil** electric rotary dresser, **Dittel** acoustic emissions sensor, **Encyclon** cyclonic coolant filtration system, **Turmoil** chiller for coolant and linear motor, **Absolent** mist collector, **FANUC** 310i CNC control and X-axis linear motor



**Weldon Solutions offers a full line of CNC OD, ID, and combination grinders. As a FANUC Robotics integrator, Weldon can also address your machine tending, material removal, material handling, and packaging/palletizing needs.**

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