

**CUSTOM TOOLS
FOR CHALLENGING
APPLICATIONS.**

**Solutions designed
for your success.**

CUSTOM BURNISHING TOOLS

Solving the toughest precision finishing challenges with high quality special burnishing tools.

OD MULTI-ROLLER BURNISHING

An OD multiple-roll burnishing tool operates under the same principle as an ID burnishing tool, but in the inverse manner - being sized over the shaft or cylindrical feature it is burnishing.

Pass-through shank designs are available for continuous feeding of parts in high volume applications.



VARIABLE BURNISHING



For tapered bores needing consistent pressure maintained across changing diameters, our variable burnishing tool comes available with coolant-through mandrel design.

ANGLE BURNISHING

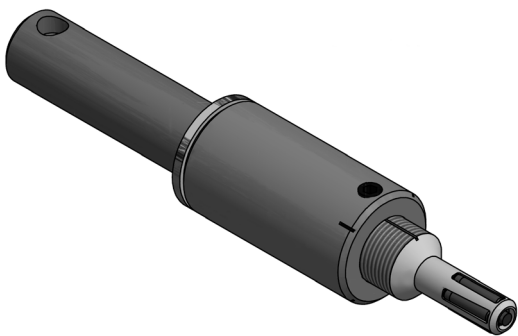
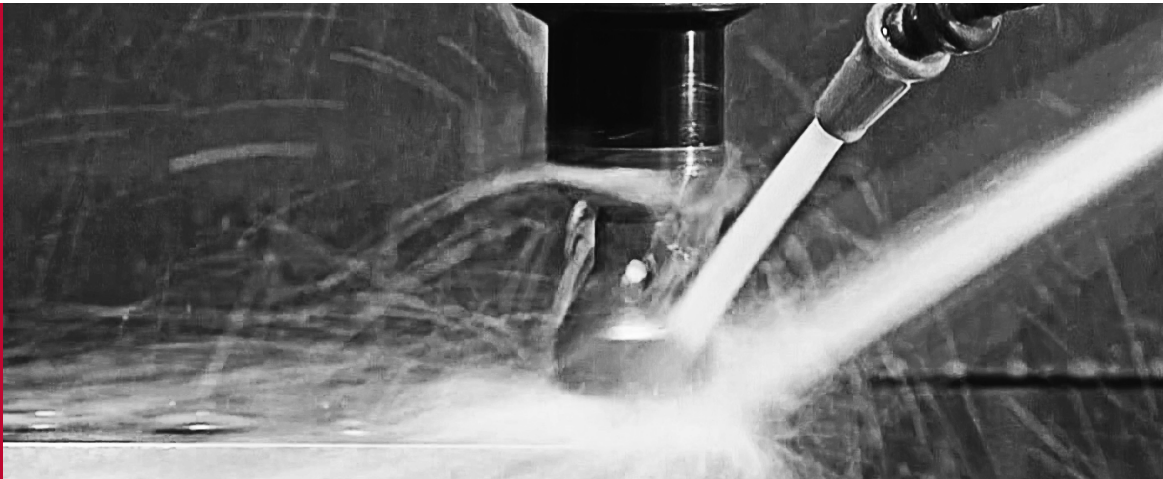
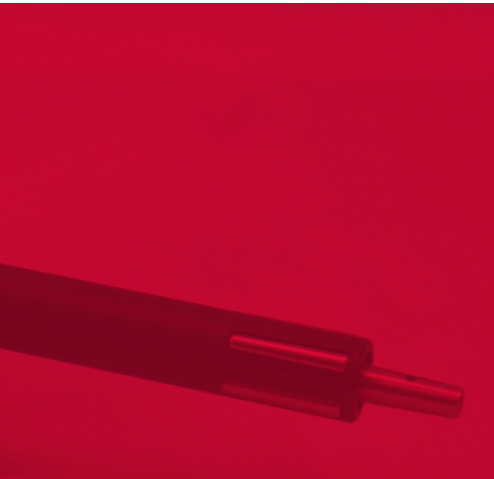
Custom angle multi-roller burnishing designs for final finish requirements on valve seats and other angular surface applications requiring superb finishes.



FACE BURNISHING

Custom face burnishing multi-roller designs for surface finish improvement and work hardening of cylindrical surfaces in flat bottom bores, counterbores and shoulders.

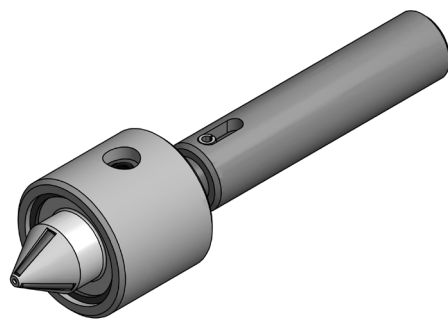




SMALL ID BURNISHING

Our standard ID tool designs are available in as small as 4mm diameters.

- Replaceable wear parts.
- Tool sizing provided by adjustable cage.
- Ideal for compact machine work envelopes.



SMALL ID ANGLE BURNISHING

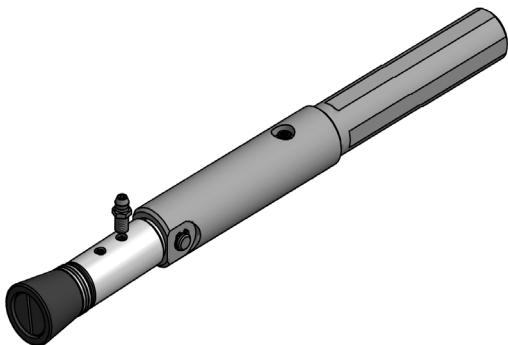
Preferred method for obtaining low surface finishes on tapered holes.

- 45°, 60° and custom included angles available.
- Small IDs of 0.100" are common.
- Ideal for valve seats and bushings.

SMALL ROLL CARBIDE ROLL BURNISHING

Custom roll sizes allow for ID/OD burnishing in smaller parts.

- Tool shank can be cut to needed length.
- Tool reach and load pressures can also be customized.



COMPACT ANGLED DIAMOND BURNISHING

Designed to allow for burnishing into a shoulder and up a face or counterbore.

- Replaceable diamond stem.
- Can configure the holder to best fit your application.

