

CONNECTING ROD HONE TOOLING

PRECISION HONING & BORE FINISHING



Gage probes



Honing tools & stones

WHAT EXPERTS RELY UPON

- ✓ Stones of every size and variety
- ✓ Producing round and straight connecting rod bores
- ✓ Improving the reconditioning of the connecting rods
- ✓ Providing better bore geometry
- ✓ Removing stock faster
- ✓ Providing longer tools life

FOR ORIGINAL ENGINE MANUFACTURES AND REMANUFACTURED ENGINE BLOCKS

CONNECTING ROD HONE TOOLING



Gage probes

Honing tools & stones

Electro-plated tools



Gage probes



Sintered sleeve tools

The Legacy of Bates Technologies

Bates Technologies LLC, a division of Lapmaster International, is built upon an 80+ year legacy of innovative honing and bore sizing technology and technical expertise. Included in this legacy are the world class manufacturing expertise of the Micromatic and Barnes companies which continue to produce state of the art honing machines, precision stroke and single-pass bore sizing tools, abrasives and air gage systems. Bates products are the preferred choice for forward-thinking companies – from specialized machine shops to the largest manufacturers in the precision metalworking industry, including automotive, aircraft, energy, compressor, and petroleum industries.

Products

Our honing products represent a complete line of bore finishing solutions for all industries.

- ✔ Precision hone tooling engineered to fit and function on all styles of hone machines
- ✔ Advanced hone machinery from the Barnes Bore Honing and Finishing Systems group
- ✔ Agile and Flexible Honing and Air Gage Systems for use on CNC Machining Centers
- ✔ Single Pass Bore Size tooling using electro-plated or sintered diamond abrasives
- ✔ PAG's Precision Air Gaging and Size Control Systems
- ✔ Honing stones: CBN and diamond (metal-bond) & SiC/AIO x (vitrified and resinbond)
- ✔ Microsize® and Micro-Mold® metal-bonded and jacketed abrasives

Products are created for all honing machines:

- | | | |
|------------|--------------|------------|
| • Gehring | • Engis | • Nagel |
| • Accu-cut | • Micromatic | • Fuji |
| • Kadia | • Toyo | • Delapena |



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**GET IN TOUCH WITH US TODAY
 TOGETHER WE WILL FIND A SOLUTION
 FOR YOUR REQUIREMENTS**