

Fässler Direct Honing™

Fässler K-300 & K-400-A Gear Honing Machines



Honing of Automatic Transmission Ring Gear

Fast, economical hard gear finishing process that increases gear life while reducing or eliminating gear noise.

- Internal or external gears
- Spur, helical or cluster gears

With Direct Honing you can hob, heat treat and hone your gears to market requirements.

With Universal Honing it is possible to finish a family of gears having the same tooth characteristics with varying numbers of teeth.

With Combi-Honing you can rough and finish on the same machine with honing stones mounted in tandem.

CHARACTERISTICS OF HONED GEARS:

- Increased wear resistance
- High surface finish
- Favorable machining marks for noise reduction
- Low surface roughness guarantees a permanent oil film

Fässler

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Fässler makes good gears better!

CIRCLE 205

TECHNICAL CALENDAR

May 8-10. SME Gear Design and Heat Treating Programs. Nashville, TN. The following programs are being sponsored by SME: The Preliminary Gear Design Thought Process (May 8), the SME Heat Treating Conference (May 8-12), and Advanced Gear Processing and Manufacturing (May 9-10). Call SME at (800) 733-4763 for details.

May 10-12. The 9th International Induction Heating Seminar. Hilton Clearwater Beach Resort, Clearwater, FL. Technical papers will be presented on a variety of new processes and developments in induction heating technology. For information, contact Inductoheat at (248) 585-9393.

May 22-24. Fundamentals of Parallel Axis Gear Manufacturing. Pheasant Run Resort, St. Charles, IL. Sponsored by Koepfer America, L.L.C., this course will present six speakers discussing basic and advanced gear manufacturing, inspection and technology. Tours of several area gear plants and equipment demonstrations are included. Call (847) 931-4121 for details.

May 23-25. Eastec 2000 Advanced Productivity Exposition. Eastern States Exposition Grounds, West Springfield, MA. Sponsored by SME, AMTDA and AMT, Eastec 2000 promises to be the East Coast's largest manufacturing exposition. There will be SME-sponsored technical courses on advanced manufacturing technologies and processes. For details log onto www.sme.org or call (800) 733-4763, ext. 1600.

May 30-June 3. The 2000 International Conference on Powder Metallurgy & Particulate Materials. New York Hilton, New York, NY. Sponsored by MPIF and APMI International. A four-day event featuring over 250 technical presentations and a trade exhibition showing new materials, equipment and products. Contact MPIF at (609) 452-7700 or visit their Web site at www.mpif.org.

June 19-23. NPE 2000—The World's Plastic Showcase. McCormick Place, Chicago, IL. Sponsored by SPI, NPE 2000 will have exhibits from over 2,000 companies from all over the world showing the latest in machines, materials and processes. More than 85,000 visitors are expected from over 100 countries. Call SPI at (202) 974-5235 or visit www.npe.org.

June 26-30. AGMA Training School for Gear Manufacturing: Basic Course. Richard J. Daley College, Chicago, IL. Five days of classroom and hands-on training in basic gearing, efficient machine set-up techniques, accurate gear inspection and gearing calculation. This course will be repeated September 11-15 and October 2-6. Call AGMA at (703) 684-0211 or visit www.agma.org.

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If you found this column of interest and/or useful, please circle 264.

If you did not care for this column, circle 265.

If you would like to respond to this or any other article in this edition of *Gear Technology*, please fax your response to the attention of Charles Cooper, senior editor, at 847-437-6618 or send e-mail messages to people@geartechnology.com.