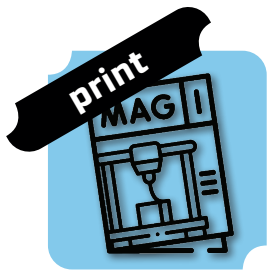


# gear

**TECHNOLOGY®**



*Gear Technology* is POWERED  
by The American Gear  
Manufacturers Association

**2023**  
**MEDIA GUIDE**



"If you want to reach the gear industry, you need **Gear Technology**."

**Gear Technology** is published by The American Gear Manufacturers Association and written for the gear industry. Our articles cover every phase in the life of a gear, including design, manufacturing, inspection, heat treating and end use. For more than 38 years, gear industry decision makers have turned to **Gear Technology** for our unbiased technical content, decades of editorial experience and the breadth and depth of coverage. Today, the THE MICHAEL GOLDSTEIN **GEAR TECHNOLOGY LIBRARY** at [geartechnology.com](http://geartechnology.com) is the most comprehensive collection of gear manufacturing information and technical articles available anywhere. From print to online, from the **GT LIBRARY** and e-mail newsletters to webinar production, you can turn to us to put your message alongside the industry's most trusted and read content.



At **Gear Technology**, we focus our articles on comprehensive gear coverage.

**Technical**

### Influence of Hobbing Tool Generating Scallops on Root Fillet Stress Concentrations

Benjamin S. Eshen and Matt Gross

The gear fillet is a critical area of the gear tooth that is subjected to high bending stresses. The fillet stress concentration is a function of the fillet geometry and the loading conditions. The fillet stress concentration is a function of the fillet geometry and the loading conditions. The fillet stress concentration is a function of the fillet geometry and the loading conditions.

### HOBBING

#### The Advantage of Supreme Productivity

The Geco-Changing Mitsubishi GE Series CNC Gear Hobbing Machine is a state-of-the-art machine that offers superior productivity and precision. It is designed for high-speed hobbing of gears and is capable of processing a wide range of materials. The machine's advanced design and features make it an ideal choice for gear manufacturers looking to improve their production efficiency and quality.

### GRINDING

#### The Comprehensive Gear Grind Symposium Develops Alternatives to Conventional Gear Manufacturing Solutions

Looking for more efficient and accurate gear manufacturing solutions? The Comprehensive Gear Grind Symposium offers a wealth of information and resources for gear manufacturers. The symposium covers the latest in gear grinding technology, including new grinding methods, materials, and equipment. It is a must-attend event for anyone involved in gear manufacturing.

### GRINDING

#### Swiss Precision Gear Grinding

Ever since we have invented continuous generating grinding, we have set the standard in the hard-finishing of gears. Swiss precision gear grinding offers unparalleled accuracy and surface finish. It is a process that has been refined over decades and is now used by leading gear manufacturers around the world.

### HEAT TREATING

#### Make Your Atmosphere Furnace Work for You

ATLAS offers a wide range of atmosphere furnaces for heat treating gears. Our furnaces are designed to provide consistent and uniform heat treatment, ensuring the highest quality and performance of your gears. With our advanced technology and expertise, we can help you optimize your heat treating process and reduce your costs.

### QUESTION

#### Ask the expert

#### Hard-Finishing Spiral Bevel Gears

Expert responses provided by the industry's leading experts. This section addresses common questions and challenges in gear manufacturing. The expert provides detailed answers and solutions for a variety of gear-related issues, including design, manufacturing, and inspection.

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### BEVEL GEARS

#### Gearing your past to power your future.

Quality precision with every process. B&R Machine and Gear Corporation is a full service gear manufacturing facility that provides a wide range of services for the industrial, automotive, and aerospace markets. Our state-of-the-art equipment and experienced staff ensure that we can meet your specific needs and deliver the highest quality products.

### Checking Up on Your Heat Treater

#### What Quality & Performance Characteristics Should You Look For?

The heat treating process is a critical step in the manufacturing of gears. It is essential to ensure that the heat treating process is performed correctly to achieve the desired properties and performance of the gears. This article provides a comprehensive guide to the key quality and performance characteristics that you should look for when selecting a heat treater.

### TIPS of the Trade for Carburizing and Quenching

Throughout the manufacturing process, heat treatment is consistently viewed as a critical step. It is essential to ensure that the heat treating process is performed correctly to achieve the desired properties and performance of the gears. This article provides a comprehensive guide to the key tips and tricks for carburizing and quenching gears.





# 2023 EDITORIAL CALENDAR — E-MAIL NEWSLETTER

Gear Technology's e-mail newsletter is published the first four Wednesdays of every month.



ISSUE	FOCUS	ADVERTISING DEADLINE
January 4	Cutting Tools	December 29, 2022
January 11	Big Gears	January 5
January 18	Fine-Pitch Gears	January 12
January 25	Lubrication	January 19
February 1	Automation	January 26
February 8	Heat Treating	February 2
February 15	Workholding & Toolholding	February 9
February 22	Broaching	February 16
March 1	Bevel Gears	February 23
March 8	Additive Manufacturing	March 2
March 15	e-Mobility	March 9
March 22	Hobbing	March 16
April 5	Gear Blanks	March 30
April 12	Plastic Gears	April 6
April 19	Grinding	April 13
April 26	Software	April 20
May 3	Metrology	April 27
May 10	Cutting Tools	May 4
May 17	Worm Gears	May 11
May 24	Skiving	May 18
June 7	Splines	June 1
June 14	Chamfering & Deburring	June 8
June 21	Cutting Tools	June 15
June 28	Workholding	June 22
July 5	Gear Shaping	June 29
July 12	Powder Metal Gears	July 6
July 19	Robotics	July 13
July 26	Forgings	July 20
August 2	e-Mobility	July 27
August 9	Heat Treating	August 3
August 16	Skiving	August 10
August 23	Gear Inspection	August 17
September 6	EMO Hannover (Sept 18–23)	August 31
September 13	Cutting & Grinding Fluids	September 7
September 20	Software	September 14
September 27	Turning, Milling & 5-Axis Machining	September 21
October 4	MPT Expo/ASM Heat Treat (Oct 17–19) SHOW GUIDE	September 28
October 11	MPT Expo/ASM Heat Treat (Oct 17–19)	October 5
October 18	Rack & Pinion	October 12
October 25	Grinding	October 19
November 1	Lubrication	October 26
November 8	Software	November 2
November 15	IIoT/Industry 4.0	November 9
November 22	Custom Gear Manufacturing	November 16
December 6	Shot Peening	November 30
December 13	Automation	December 7
December 20	Heat Treating	December 14
December 27	Tool Sharpening	December 21

## Triple Your Impact!

**New in 2023!**  
Advertising in the AGMA Gear Industry News is now available exclusively through AGMA Media, in addition to the *Gear Technology* and *Power Transmission Engineering* e-mail newsletters:

**AGMA Gear Industry News**, delivered every Tuesday.

**GEAR INDUSTRY NEWS**  
Fast, No File Print, No Premium. [GET A QUOTE TODAY <](#)

AGMA UPDATES

**Operator Hobbing & Shaper Cutting | Oct. 5–6—Chicago**  
Learn and understand the fundamentals of gear manufacturing. Acquire a knowledge and understanding of gear manufacturing, hobbing and shaper of spur and bevel gears, and splines. Learn and understand hobbing and shaper machine setup, as well as gear tooth alignment inspection. Understand the manufacturing process before gear tooth cutting, as well as technology presented. Apply concepts to other hobbing processes, i.e., heat treat, gear tooth shaving, and grinding and/or skiving. Gain knowledge to establish a solid foundation for all basic gear manufacturing applications.

**Robot Simulation: Make the Most of Your Investment in Automated Manufacturing | Oct. 5—Virtual**  
Manufacture in every industry are adopting robotic automation at an accelerating rate. This investment required for automation is often significant and comes with a host of options. "What type of robot should I select?" "What throughput can be achieved through this new system?" "Will the workload fit into my production line?" All of these questions can be answered with Robot Simulation Software. This technology has revolutionized the modeling of complex manufacturing systems. In addition to accelerating time, Robot Simulation Software can be utilized, this simulation will provide Clear Studies that demonstrate how to simulate early in the project can avoid late problems.

**Gear Technology** e-mail newsletter, delivered the first four Wednesdays of every month.

**gear TECHNOLOGY** 2022 Newsletter August 24, 2022  
Gear Manufacturing Technology Update

**Verisurf Offers Universal Measurement and Inspection at IMTS**  
Verisurf Software, Inc. will be demonstrating a successful approach to measurement and inspection at this year's IMTS Show in Booth #1344C. Verisurf software provides measurement and inspection workflows with inspection plans that can be created once and used across the manufacturing enterprise on any position or level CMM.

**Technology Advancements in EV Inspection**  
Efficient product development in electric vehicles leads to higher cost and load capacities in the automotive industry. It enables to examine design - in changing from gear analysis and inspection to control and. Shimming and/or tension in gears and gearboxes require an analytical approach like a detector. The analysis could save from the design level, referencing or top level axial issues, both that from detection. The various or perhaps correction issue that the input issues. Every aspect of gear production needs to be optimized to provide the most accurate results.

**Power Transmission Engineering** e-mail newsletter, delivered the first four Thursdays of every month.

**Power Transmission Engineering** 2022 Newsletter August 23, 2022  
Power Transmission Technology Update

**A Look at Servo Technology for Power Transmission Systems**  
This article looks at the latest servo motor series, drives and parts. How do we differentiate between the different? What can design engineers find between a stepper and a servo motor? Also, a quick update on the benefits of closed-loop control.

**QUICK REACTING AND READILY AVAILABLE TORQUE LIMITERS**  
Power Transmission products is often needed from machine design engineers to meet the needs of their customers. It can be complex and difficult to meet the needs of their customers. It's also readily available.

For more details, visit [geartechology.com/adinfo](http://geartechology.com/adinfo)

## The Right Tools for Your Marketing Goals!

As technology changes and readers' information consumption and response habits evolve, so must your marketing strategy. That's why we continue to develop and improve our tools to drive both brand recognition and response. While print remains the dominant tool to reach and impact this highly technical field, we offer many digital tools designed to enhance branding, response and lead generation. Integrated marketing is the key to a successful marketing plan in 2023.



### **PRINT**—Maximum visibility that is ideal for brand awareness.

- Display Ads (next to editorial)
- sMart Ads (special value rates)
- MPT Expo Showstopper Exhibitor Ads (special value rates)



### **E-MAIL**—Drive response in Gear Technology e-mail programs (GDPR/CAN-SPAM compliant.)

- E-Newsletter
- Dedicated E-mail
- Native (sponsored content)



### **GEARTECHNOLOGY.COM**—Be seen on the gear industry's website.

- Home page banners
- Keyword banners
- Online Buyers Guide
- Native (sponsored content)



### **INTEGRATED PROGRAMS**—Multiple formats to maximize response and reach more readers.

- White Papers
- Webinars
- Custom programs

## Power Integrated Package (Branding & Lead Gen) — Save 50%

Print ads — Full Page, 4-color — All 8 issues  
E-mail Impact Block Ads — Monthly (12x)  
Home Page Web Banner — 12 months  
Buyers Guide Premium Listing — 12 months  
Webinar or White Paper Promotion — 1x

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