



# MACHINE TOOL TRAINING

**GET THE KNOWLEDGE YOU NEED FROM THE EXPERTS AT TIMKEN. LEARN HOW PROPER BEARING SELECTION AND ASSEMBLY CAN IMPACT THE PERFORMANCE AND LONGEVITY OF A MACHINE TOOL SPINDLE.**

## **Improve your machinery performance**

Whether you are building or repairing milling, grinding or turning spindles, Timken's Machine Tool Training offers a mix of classroom and hands-on sessions. You will increase your bearing knowledge and improve spindle performance when you attend training at our super precision bearing manufacturing facility.

Timken application, manufacturing and service engineers will share their expertise in bearing design, manufacturing and installation with you during this two-day personalized training session.

## **You will learn:**

- Timken's machine tool product portfolio and the many options offered to serve milling, grinding and turning spindles, headstocks, tailstocks, ball screws and tables.
- How to select the appropriate bearing seat and achieve the desired mounted preload.
- How to properly handle a spindle tear down and rebuild.
- The complexity and attention to detail required to manufacture super precision bearings through a comprehensive plant tour.



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## **MACHINE TOOL TRAINING**

The Timken Company,  
Shiloh Plant, Rutherfordton, N.C.  
October 22-23, 2024

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## TRAINING FEE COVERS:

- Training materials
- Expert instruction
- Catered lunch
- Team dinner
- Shuttle from hotel to plant

### DAY 1

#### The Timken Company, Shiloh Plant, Rutherfordton, N.C.

- Product training
- Technical training
- Use of the precision selector guide
- Manufacturing overview
- Team dinner

### DAY 2

#### The Timken Company, Shiloh Plant, Rutherfordton, N.C.

- Hands on spindle assembly process
- Facility tour
- Damage analysis
- Training wrap-up

For more details or to sign up, contact your Timken representative. For additional information about our training programs, visit [www.timken.com/training](http://www.timken.com/training).

# TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

**Stronger. By Design.**

[www.timken.com](http://www.timken.com)