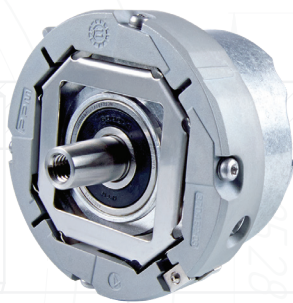




Angle encoders

Achieve high-precision rotary positioning down to a few arc seconds. HEIDENHAIN offers sealed, modular, or integrated options for every application.

- Angle encoders with integral bearing
- Modular angle encoders
- Angle encoder modules



Rotary encoders

Robust and easy to install, HEIDENHAIN rotary encoders deliver precise, dependable speed and position feedback.

- Servo motor encoders
- Asynchronous motor encoders
- Robotic joint encoders (position and speed)



CNC controls

HEIDENHAIN CNC controls combine intuitive shop-floor programming with powerful performance, transforming machining centers into reliable production systems.

HEIDENHAIN

HEIDENHAIN CORPORATION: USA

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(847) 490-1191

marketing01@heidenhain.com

www.heidenhain.us



Schaumburg



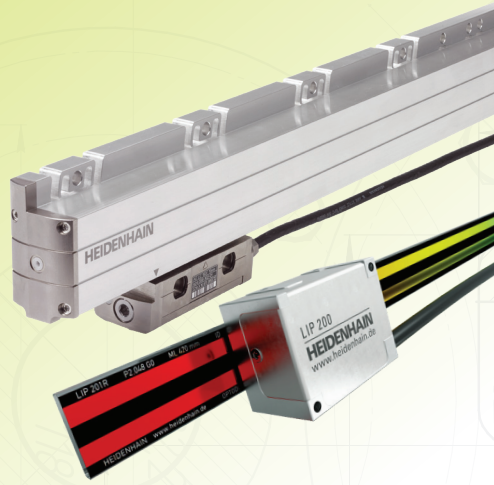
Fremont



HEIDENHAIN

Products for superior accuracy demands

Discover the distinctive benefits of HEIDENHAIN solutions, including exceptional accuracy along with dependable reproducibility and repeatability. Benefit from reliable processes, dynamic machine performance, easy operation, and maximum efficiency.



Linear encoders

HEIDENHAIN linear encoders measure axis position without mechanical contact, enabling top-tier accuracy and fast machining speeds.

- Sealed linear encoders
- Exposed linear encoders

HEIDENHAIN

Product Portfolio Overview

HEIDENHAIN

HEIDENHAIN CORPORATION: Canada

11-335 Admiral Blvd.
Mississauga, ON L5T2N2 Canada

(905) 670-8900

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www.heidenhain.us



Mississauga



Aguascalientes

HEIDENHAIN CORPORATION: Mexico

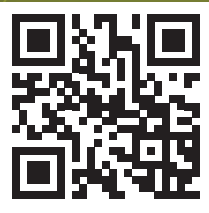
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Visit our
website



06/2025



Digital readouts

HEIDENHAIN digital readouts feature touchscreen control, intuitive menus, and time-saving functionality for machines and metrology.

- Digital readouts for manual machine tools
- Evaluation units for metrology applications



Length gauges

HEIDENHAIN length gauges offer fast, accurate results across long ranges—ideal for gauging fixtures, equipment monitoring, and positioning.



Inspection & testing devices

Use HEIDENHAIN testing devices for encoder setup, diagnostics, and machine acceptance checks with access to comprehensive encoder data.

- Encoder testing
- Machine tool inspection



Digital Shop Floor

HEIDENHAIN's Digital Shop Floor tools provide end-to-end process visibility through machine-oriented software, services, and support.



Touch probes & vision systems

Improve setup speed, uptime, and process reliability using HEIDENHAIN probes and camera systems for accurate tool and part measurement.

- Workpiece touch probes
- Tool touch probes
- Vision systems



Calibration tools

HEIDENHAIN offers comparator encoders for the calibration and acceptance testing of machine tools for in-plane linear motion and rotary axes.

- Very high measurement accuracies
- Optical scanning and a sturdy measuring standard
- Robust and easy-to-use
- User friendly software interface
- Well-equipped for frequent usage under shopfloor conditions

The HEIDENHAIN Family of Brands



The HEIDENHAIN family of brands provides products that enable technological advances in the most innovative global industries.

The unyielding development of ever greater accuracy, dynamic performance, and process reliability in our products directly improves the performance and efficiency of your machines, automation systems, and processes.

Come discover the solutions we offer for your industry and how they can optimize your applications.

- Aerospace
 - Automation
 - Automotive
 - Cranes & lifting
- Drive systems
 - Electronics
 - Elevators
 - Hazardous locations (Ex)
- Machine tools
 - Marine & offshore
 - Medical technology
 - Metrology
- Mining
 - Pulp & paper
 - Renewable energy
 - Robotics
- Semiconductors
 - Steel & metallurgy
 - Structural health monitoring
 - Telescopes

LEINE LINDE

Reliable performance in harsh conditions

Incremental, absolute, functional safety, explosive environment, conditions-based maintenance and customized encoders; interface electronics and more



Training

Confident mastery of controls and proper use of encoders and touch probes are essential for optimal machining and measurement results. HEIDENHAIN offers practical training courses for users and machine manufacturers in the operation, installation, initial setup, and servicing of many different products.

In addition to traditional classroom courses at the HEIDENHAIN training centers in Schaumburg, IL, Fremont, CA, and authorized training partners around the world, training courses are also offered online. In all courses, participants benefit from state-of-the-art equipment, training rooms, extensive teaching expertise, and consistent quality standards.

The training teams also provide onsite courses tailored to individual customer needs and topics.



Service

The HEIDENHAIN Service department is your go-to partner for in-depth support of your HEIDENHAIN products. Our extensive network ensures professional, on-site support.

Our solution-oriented service offerings, ranging from worldwide repair services to replacement parts and replacement devices, allow you to save costs and time while increasing the availability of your machines.



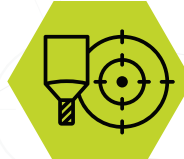
Repair service



Replacement parts



Replacement devices



Optimizing machine accuracy



Digital Twin



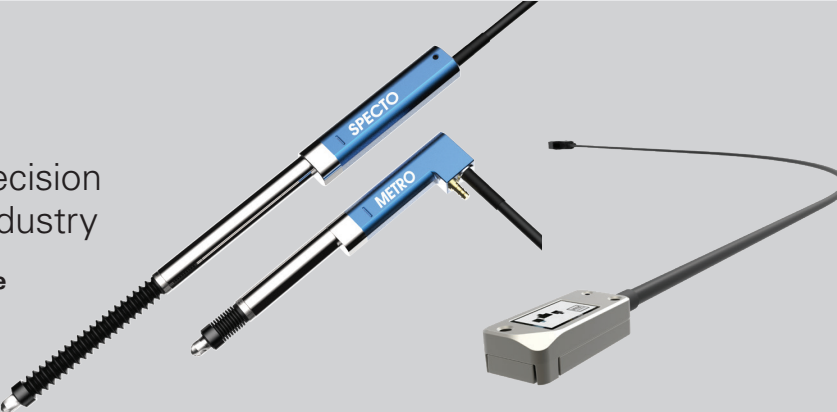
American-made tech for shop productivity

CNC controls, digital readouts, linear encoders and more



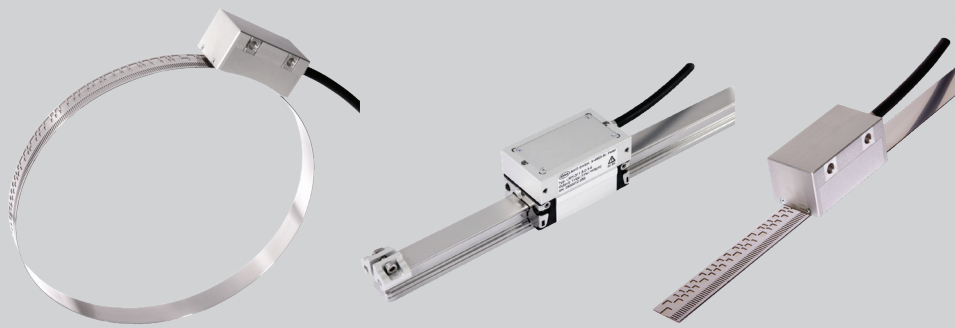
Compact, lightweight precision for the semiconductor industry

Length gauges, linear and angle encoders, and more



Flexible options for contaminated environments

Angle, linear and spindle encoders



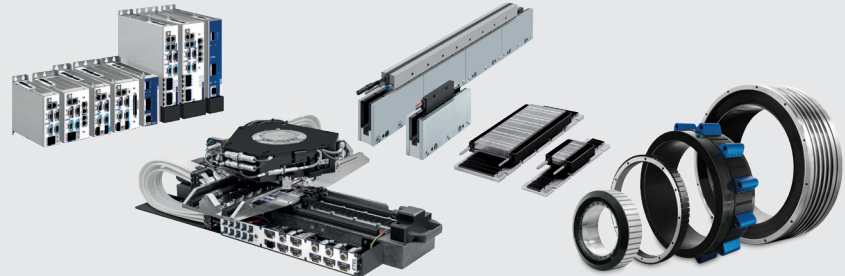
Compact, cost-effective reliability for automation

Rotary encoders



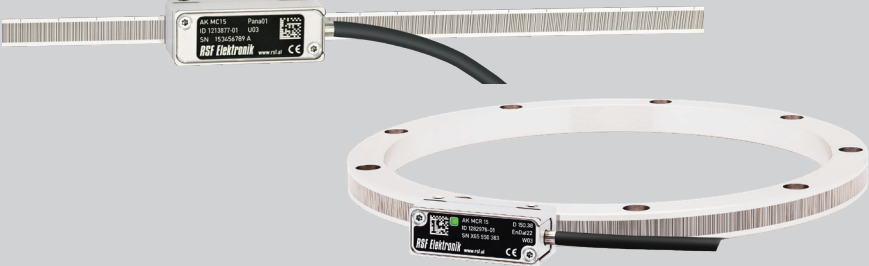
Leader in high-performance motion systems and controls

Motion control, motion systems, linear motors and torque motors



Right-fit flexibility and value for a myriad of applications

Exposed and sealed linear encoders, modular angle encoders, precision graduations and more

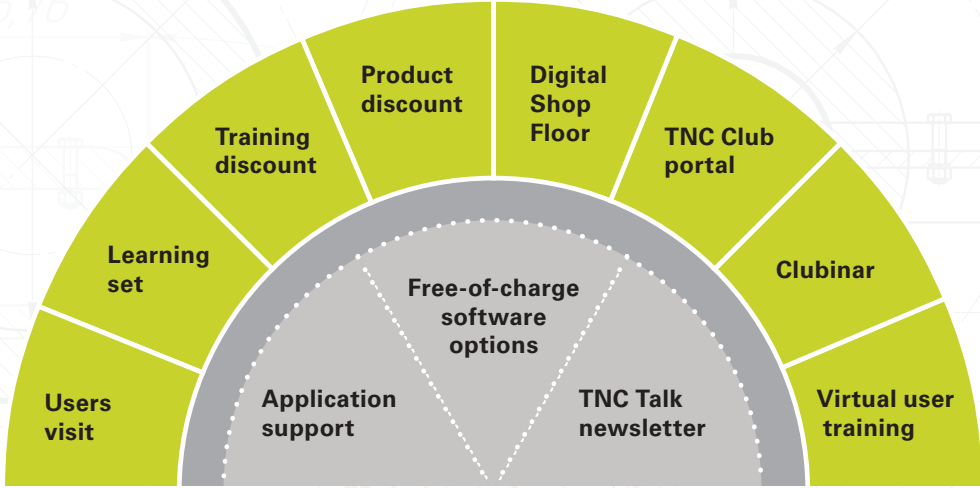


TNC Club

HEIDENHAIN CORPORATION's TNC Club offers a unique community for users of TNC controls. Primarily designed as a learning and loyalty program for TNC control end-users, this platform bridges the gap between TNC and CNC experts worldwide!

TNC Club provides personalized training and interactive learning, extends application support, and garners valuable insights from its users for the development of future products.

Two membership levels are available!



Basic Membership

Premium Membership

Technical support

Even in the digital age, nothing can replace the personal contact that makes it possible to meet individual needs and challenges. That's why HEIDENHAIN continues to make this a top priority.

From initial machine design to optimization and troubleshooting in the field, we can support you in your plans:

- Direct contact with technical specialists
- Competent advising on theoretical and practical matters
- Individualized support
- Efficient troubleshooting and solution-finding
- Planning certainty thanks to forward-thinking advice
- Shortened commissioning times
- Practical training courses
- Improved quality and performance
- An international service network
- Cost reduction

Need support?



847-490-1191



Encoder & DRO support:
techsupportHC@heidenhain.com

TNC service & PLC programming support:
TNCservice@heidenhain.com

NC programming & application support:
TNCApplications@heidenhain.com

Metrology support:
metrologyHC@heidenhain.com

Helpline hours:
Monday-Friday, 07:00 AM-4:30 PM (CST)