

Riten[®]

More than centers

AHB

TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS

(800) 991-4225

www.ahbinc.com

ISO Certified

customerservice@ahbinc.com



*Since 1933, a leader in
workholding technology.*

And always ahead of the curve.



More than centers

A True American
Manufacturer

- **Family owned since 1933**
- **World's largest manufacturer of live and dead centers**

All are designed and built in our 35,000 sq. ft. facility in central Ohio. Thousands in stock. Thousands more built to order. If Riten can't supply it, you don't need it.

- **More than centers?**

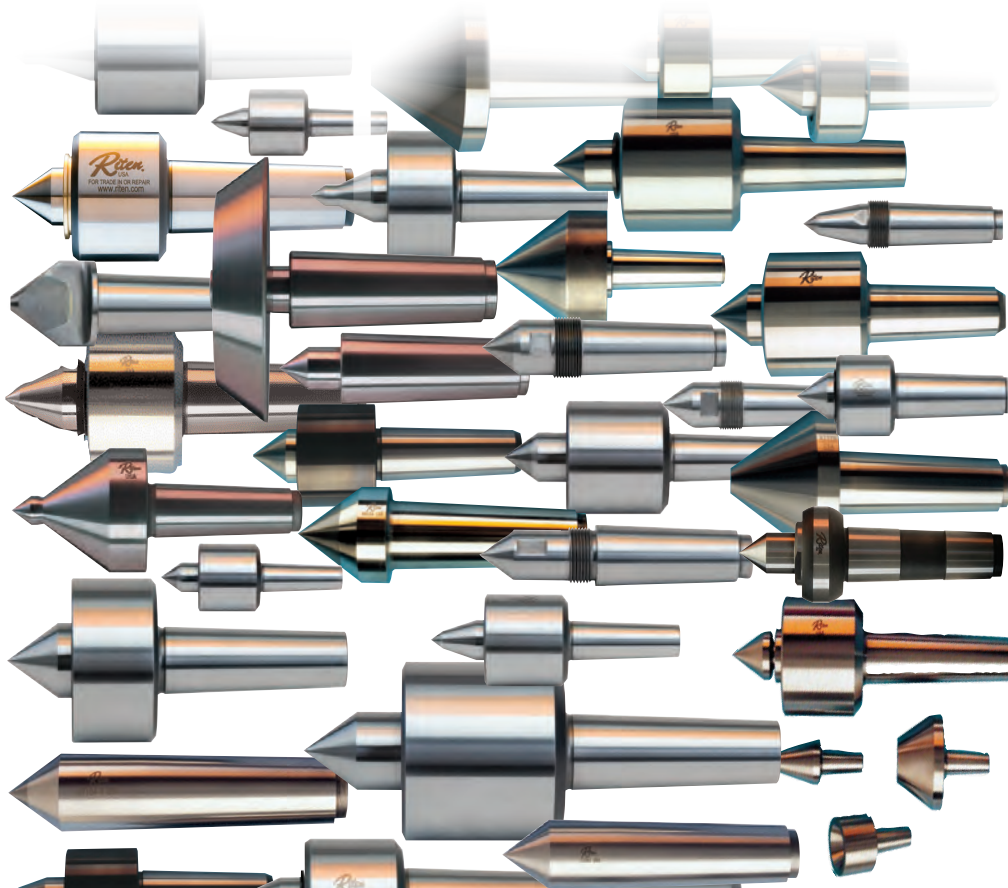
You bet. Riten's engineering staff has extensive knowledge in the sciences of rotational dynamics, metallurgy, mechanurgy and lubrication technology. In 85 years, we've accumulated a vast amount of real-world experience, solving work-holding problems for thousands of customers.

- **Application-driven**

We've trouble-shooted hundreds of applications, including complete functional evaluations of all aspects of a machine's performance:

- **Turnkey service**

Our mission is to ensure that your machine tools perform at peak efficiency and with maximum uptime. Every product and every project is executed with this objective clearly in mind.



- ***We are unusual.***
We LOVE specials!

Over 40 percent of Riten's business is designing and building "customer specials". A large number of current catalog models started out as a custom-engineered product for an individual customer.

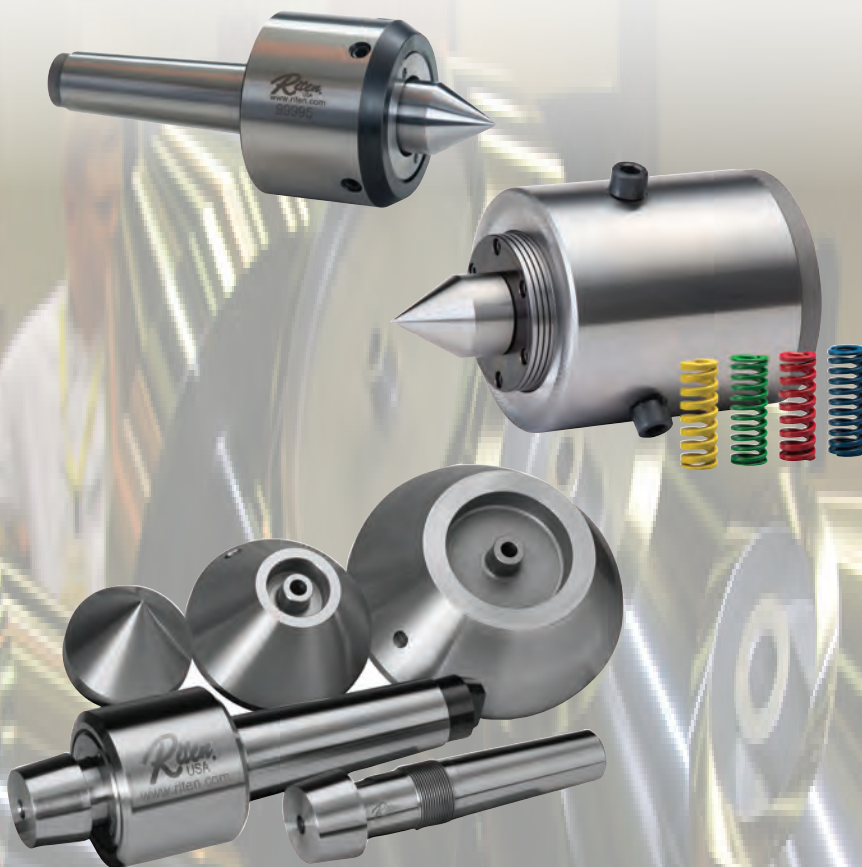
- ***Call us with your requirements.***

If you don't see what you need in our catalog, we welcome your inquiries. We get them every day. Call 800-338-0027, or email us at Quotes@Riten.com. Or you can log into the "Design your own" section of riten.com. Details on page 7.

Riten®

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Custom Solutions



800-991-4225



More than centers

Tailstock Repairs and Conversions

800-991-4225

- ***A hidden cause of bad parts***

The “quick fix” is typically replacing centers or spindle bearings. The symptoms go away initially only to surface a short time later. The real problem can often be traced to wear and tear on the machine’s tailstock, particularly on older lathes and grinders.

- ***Expert tailstock renovation***

Riten has remanufactured hundreds of tailstocks, and even designed and built custom components. When required, we will conduct a complete review of a machine’s performance, including workpiece weight, horsepower, feed and speed rates, static and dynamic deflection, spindle shaft stiffness and rigidity requirements, desired tolerances, tooling packages, bearing fits and capacity, thermal displacement, and heat dissipation.

- ***Restored performance***

Riten requalifies the tailstock I.D. and O.D. to guaranteed concentricity that meets or exceeds original OEM specs. Each renovation carries a one-year factory warranty.



- **Number one in Face Driver sales**

Riten Drivers outsells all U.S.-based competitors combined!

- **Huge selection**

Eleven mechanical and seven hydraulic designs, each available in flange and taper shank mount. A driver for virtually any application.

- **Designed for easy installation**

Every model can be chucked.

- **Special application models**

Actuated fixed point drivers for hard turning jobs, unique disk drivers for very small workpieces, retractable jaw drivers, and custom specials.

- **Great technical support**

Hands-on help with model selection, installation, and operation. By phone or on-site.

- **Risk-free trial program**

If you've never used a face driver, Riten offers a free 30-day trial. You tell us the application, we spec the correct driver type and size, and our engineer leads you through installation, setup and operation. You may return the driver if it doesn't meet your needs.

We have yet to receive a return.



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Face Drivers

800-991-4225



More than centers

Repair and Exchange Service

800-991-4225

- ***A special unit devoted to repairs***

Customers love this service. Worn out centers are rebuilt to “like new” condition at 40% of the cost of a new center.

- ***We repair 97% of all centers received.***

“All centers” means ours and any competitor’s. It’s amazing how many shops trust Riten to repair centers they originally purchased from another manufacturer.

- ***Total reconditioning***

No quick fixes. Each repair includes a new spindle, new front and rear bearings, new grease seal, and new lubricant. All rebuilt centers are restored to original accuracy and receive the same factory warranty as a new center. The average turnaround time is a speedy two weeks.

- ***Exchange credit***

Even if the returned center is beyond economical repair, it will still earn a 35% trade-in allowance toward the purchase of an equivalent new Riten center.



- **Create a customized center online.**

It's quick and easy to design a special live or dead center on www.riten.com.

- **You don't need to be an engineer.**

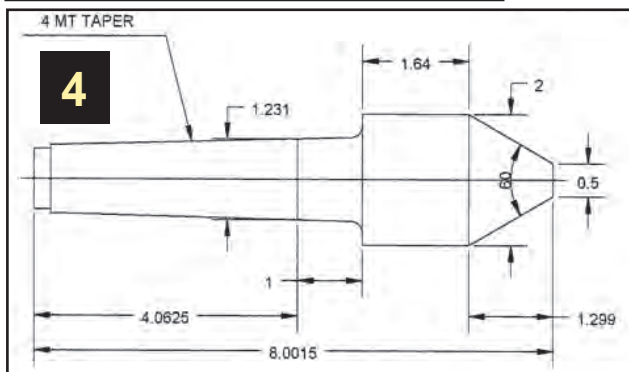
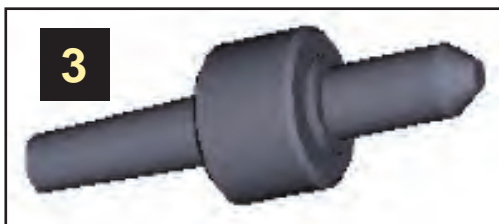
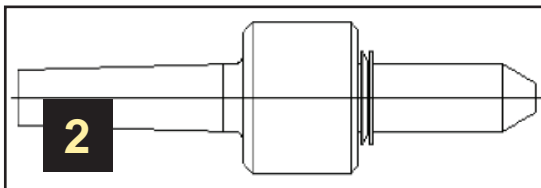
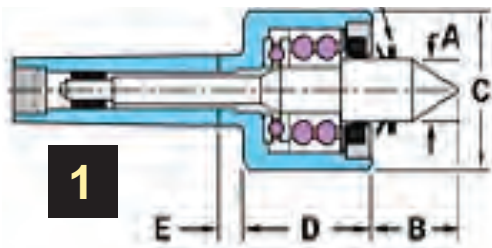
Standard products are easily modified with plug-in dimensions. Quick search leads you to specs and drawings for any standard Riten part number. Complete menu of prompts guides your selection of dimensions and options.

- **See what you created.**

Visualize the result in simplified CAD format, ready for quoting. Download 2D drawings or rotatable 3D renderings, solid or hollow.

Key to the renderings below:

1. CAD link to standard Riten live center
2. Customer's requested modifications
3. 3D image of modifications
4. Final design



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Riten Industries, Inc.

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P.O. Box 340

Washington Court House, OH 43160 USA

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*For your free 72-page full line
catalog, call 800-991-4225*

Your local source:



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