TORQUE RODS

- Extended bushing life
- Weight efficient
- High-strength

To learn more about TORQUE RODS,
call 855.743.3733 or visit
www.hendrickson-intl.com

HENDRICKSON
The World Rides On Us®

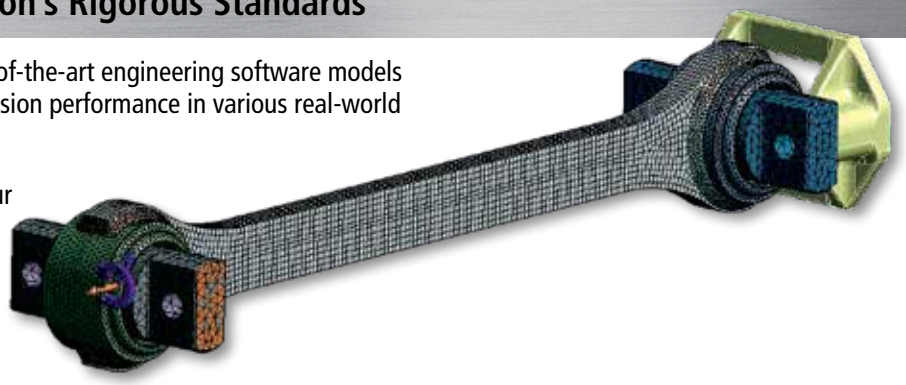
Through unrelenting pursuit of innovation and quality for the past century, Hendrickson remains a pioneer in the commercial vehicle industry. We are a leader in the advancement of suspension and component technology as a result of more than 60 years of development and over 20 years of elastomer manufacturing experience. These accomplishments allow us to fully integrate systems, modules and components that meet commercial vehicle owner's demands for durability, weight savings and low life-cycle costs.

TORQUE RODS

Durability Tested to Hendrickson's Rigorous Standards

Component development begins with state-of-the-art engineering software models to identify stress points and simulate suspension performance in various real-world road and load conditions.

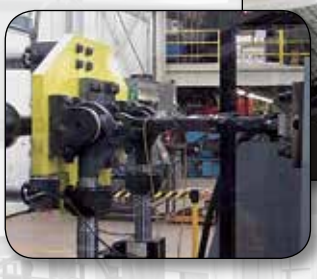
Initial designs are then built and tested in our advanced research lab as well as installed on vehicles for validation in the field.



Integrated Concept Development Alongside Suspensions and Springs

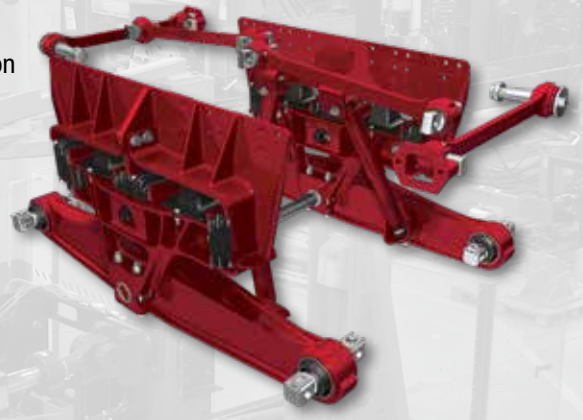
Our labs feature advanced testing equipment that can test a full range of products to include specific components to full suspension systems.

This simultaneous testing and design capabilities lessen time to market and increase full suspension system quality.



Optimized System Performance and Weight to Meet Application Criteria

All components are designed to strict product requirements, just like our full spring assemblies and suspension systems. Hendrickson understands the importance of each component being designed for the future of evolving application criteria.



TRAAX ROD™ Family of Torque Rods

The Fabricated Advantage

- **Extended Life**
  Advanced bushings and flat rod body construction work together to provide up to 5 times the performance life of conventional double shot bushings.*

- **Broad Application**
  Bushing and rod bodies specifically designed for each capacity and application criteria.

- **Weight Efficiency with High-Strength**
  No castings needed. Manufactured using high-strength materials utilizing Hendrickson's expertise in robotically-welded fabrications.

- **Packaging**
  Available in a variety of lengths and hub sizes.

- **Flexibility**
  Available with straddle or taper pin bushing design.

- **Durability**
  Rod body and bushing designs meet rigorous testing parameters required for all Hendrickson products.

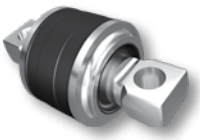
** Based on internal testing of bushing walkout, retention and durability. Actual product performance may vary depending on component and vehicle configuration, operation, service and other factors.*

TRAAX ROD™ Bushings

Heavy-duty

Severe-duty

Taper Pin



Spherical

Rate Ring

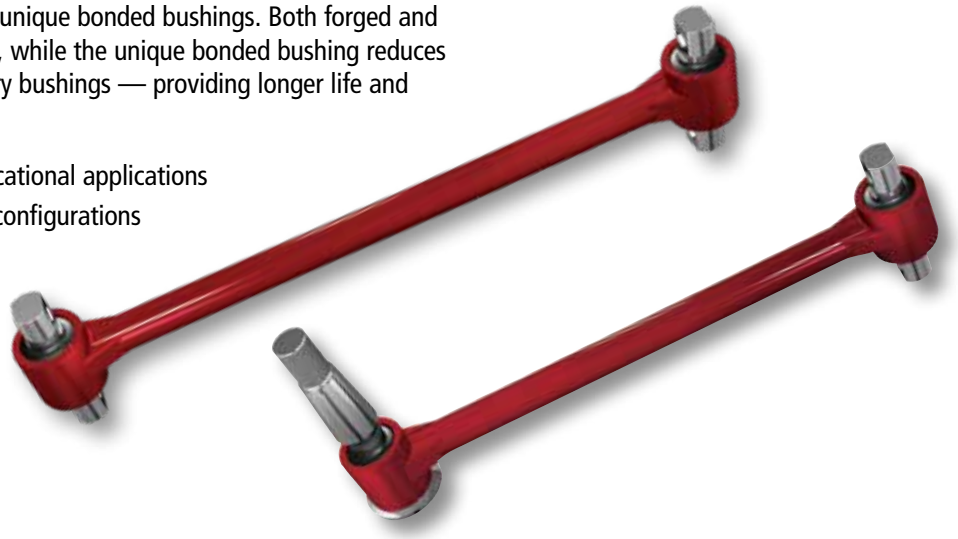
Offering a wide variety of bushing designs to meet global application or attachment requirements, we customize solutions to deliver extended performance and restrict walk out. Whatever the application requires – reliability, outstanding durability, articulation, innovative designs – we are pushing the boundaries of torque rod performance for your transport needs.

ULTRA ROD® AND ULTRA ROD® PLUS TORQUE RODS

1-piece rods

Forged or cast rod body construction with unique bonded bushings. Both forged and cast rod bodies provide structural integrity, while the unique bonded bushing reduces the friction and heat that damages ordinary bushings — providing longer life and greater payload.

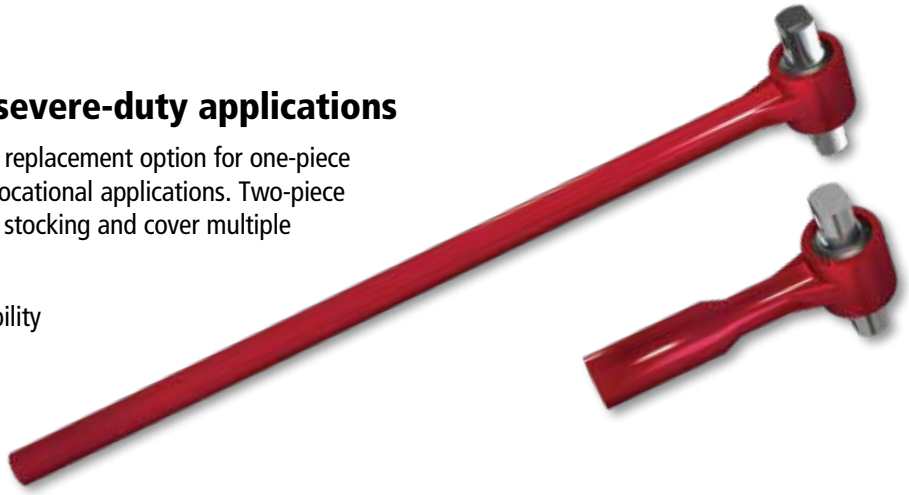
- Available for use in on-highway and vocational applications
- Designed for straddle or taper bushing configurations



2-piece rods for light to severe-duty applications

Two-piece torque rods are an excellent replacement option for one-piece torque rods for both on-highway and vocational applications. Two-piece design allows for minimal part number stocking and cover multiple one-piece configurations.

- Cut to length to simplify part availability
- Available with or without bushings



For more information on ULTRA ROD® and ULTRA ROD® PLUS torque rod and bushing combinations, refer to the Hendrickson publication 45745-148.

Hendrickson Genuine Parts *are the same quality components installed in Hendrickson original equipment suspensions — consisting of the same design, construction, performance and durability. There's only one way to maintain and protect your suspension's original performance. Ask for the name that is synonymous with the finest manufactured suspensions in the world.*

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.
For additional details regarding specifications, applications, capacities, and service maintenance instructions, contact Hendrickson.
Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

Call Hendrickson at ***630.910.2800*** *or* ***855.RIDERED (743.3733)*** *for additional information.*

HENDRICKSON

www.hendrickson-intl.com

TRUCK COMMERCIAL VEHICLE SYSTEMS
800 South Frontage Road
Woodridge, IL 60517-4904 USA
855.RIDERED (743.3733)
630.910.2800 • Fax 630.910.2899

45745-443 Rev C 12-18

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