



**HUTCHINSON<sup>®</sup>**  
DEFENSE & MOBILITY SYSTEMS

# ROAD WHEELS AND TRACK

**PROTECTING THE MOST IMPORTANT VEHICLES IN THE WORLD**





The only “One-Stop” shop for road wheels in America. Hutchinson has the capabilities to design, machine, rubberize, assemble, and test utilizing its proprietary technologies all in one location.

► **High Performance**

Hutchinson has the capability to use cast and forged aluminum for high- and low-volume orders or prototypes.

- Advanced rubber compounds
- Improved heat resistance
- Low vibration
- More than doubles road wheel tire and track pads service life on durability testing versus legacy track/road wheels



► **Reduced Weight and Innovative Design**

Hutchinson’s expertise in high-load aluminum wheels allows weight reductions of close to 800 lbs per Bradley over legacy steel Road Wheels and close to 400 lbs per M-1 Tank over current aluminum Road Wheels. Hutchinson’s advanced rubber compound allows for improved heat resistance and increases Road Wheel rubber life. This results in less downtime in the field, lower maintenance and replacement costs and reduced fuel consumption.

- Lighter than legacy track and Road Wheels
- “Hollow” lightweight aluminum Road Wheels
- Replace steel wear rings with a metal spray technology



Bonded Hollow  
Lightweight Design



Metal Spray  
Wear-Ring



Bolt-together  
Hollow Road Wheel



Bolt-together Hollow Wheel  
with Metal Spray Wear-Ring

► **Reduced Maintenance Costs**

Hutchinson Road Wheels can be refurbished by Hutchinson or at the depot level and returned to the supply system for re-utilization.

- Road Wheels are replaced less often
- Maintenance costs are reduced
- Operational downtime is decreased

► **A Partnership of the World’s Leaders in Military Wheel and Track Design**

Hutchinson is proud to partner with **DST Defence Service Tracks GmbH**, the world leader in the development and manufacture of track systems and running gear components for tanks and armored vehicles. The purpose of the partnership is for Hutchinson to provide U.S. based manufacturing of DST’s world-class track designs.

- Advanced rubber compound
- Improved heat resistance and increased trackpad life
- Provides a performance increase, life cycle cost reduction and increased OPTEMPO
- Allow for less downtime in the field and lower maintenance and replacement costs
- Manufactured in the U.S.A.



Track Pads

Lightweight Steel Track



Replaceable Track Pad  
without screws or bolts

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We make it **possible**