

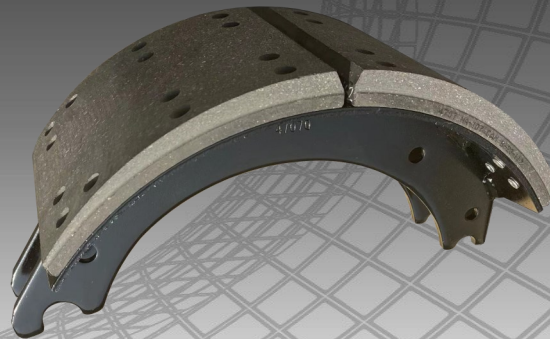


**BUFFALO HD**

BRAKE AND FRICTION

# New Lined Brake Shoe Kits

**NEW SHOES  
NO CORES  
NO SHORTCUTS**



- High quality rivets provides lining stability of each assembly
- Automated riveting process to ensure correct pressure and tightness
- Torque tested to exceed minimum standard of 32 lbs. per rivet



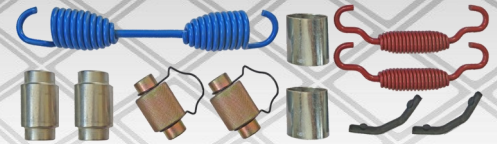
**Buffalo HD  
Brake Shoes**

- Punched and formed by high-pressure press to OE specifications and tolerances
- Automated welds for consistent fillet-weld between web and table
- Exceeds OE specification for weld-depth penetration
- Critical hardness of the weldment is consistently maintained to ensure optimal mechanical properties of the weldment
- Coined under high pressure to achieve exact radius profile and flatness of the shoe table
- CNC bored/broached roller and anchor slot to ensure precise location of the basic dimensions of the roller and anchor slots with respect to the center of the shoe radius
- Induction heat-treatment and tempering of the cam and roller ends to ensure correct hardness for maximum wear resistance.
- Paint is electro-deposited for consistent thickness of application and adhesion tested and salt spray tested per ASTM B117 to achieve maximum wear and corrosion resistance



**Buffalo HD  
Brake Friction**

- High quality non-asbestos brake linings for a wide range of applications.
- Dependable performance with excellent brake fade and recovery properties.
- Reduced wear rates and superior stopping power for maximum safety, durability, and value.
- **Standard 20K/23K** friction provides excellent wear characteristics and the lowest cost per mile in its class. Stable performance for normal duty cycles, conditions and loads.
- **Premium 20K/23K** friction provides safe stopping power and is uniquely suited for long haul, intercity and general freight applications. Provides excellent heat stability and drum compatibility with low swell characteristics making it ideally suited to automatic slack adjusters.
- **Severe Duty 23K** friction with premium non-asbestos material provides a high stable coefficient of friction, reducing stopping distances compared to other friction in its class. Exceptional lining life and excellent flexural strength.



**Buffalo HD  
Brake Hardware Kits**

## Springs

- Premium gauge spring steel formed by CNC spring machine and shot blasted to ensure stress-relief of material.
- Tempered to increase upper limit of elasticity and fatigue resistance
- Powder coated or e-coated (application and customer specification dependent). Paint is adhesion tested and salt spray tested per ASTM B117 to ensure corrosion resistance.
- Fatigue tested to exceed OE specifications.

## Rollers

- Knurled for positive engagement with cam-head.
- OE specified heat treatment hardening for maximum wear resistance and mechanical strength
- Dichromate and zinc plating thickness optimized for maximum corrosion resistance

## Anchor Pins

- OE specified heat treatment for maximum wear resistance and mechanical strength
- Tempered for stress relief of heat-treated material.
- Clear zinc plating thickness optimized for maximum corrosion resistance.