



**A MORE POWERFUL SPRING
BRAKE IN A SMALLER
PACKAGE**

hot high output™
technology

HIGH OUTPUT TECHNOLOGY (HOT)

THE HIGH OUTPUT TECHNOLOGY CHARACTERISTICS

Innovative Design

The patented housing, diaphragm, and pressure plate maximize performance while reducing the size and weight of the chamber, offering better integration into vehicles.

Customizable Configurations

Available in 2.5" and 3" strokes, HOT chambers support US or metric threads for ports and mounting, providing flexibility for diverse OEM applications.

Enhanced Parking Force

HOT chambers deliver higher parking and emergency force in a compact profile, ensuring safety and reliability for severe-duty applications such as buses and heavy-duty trucks.

Exceptional Corrosion Resistance

Fully steel construction with in-house immersion e-coating ensures complete protection from rust and corrosion, extending product lifespan even in harsh environments.

KEY BENEFITS FOR OEM SUPPLIERS

Reliable Quality Assurance

Every chamber undergoes extensive in-house testing, including pressure cycling, vibration, and salt spray tests, ensuring each unit meets stringent OEM standards.

Streamlined Design

The compact size and lighter weight make HOT chambers an easy fit into modern vehicle platforms without sacrificing performance.

Versatile Applications

HOT chambers are ideal for S-cam drum brakes, disc brakes, and severe-duty uses, reducing the need for multiple chamber types across vehicle models.

Cost-Effective Performance

Offers a lower-cost alternative to piston brakes while providing superior output, making it an efficient choice for OEM manufacturing.

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TSE HOT Chambers are perfect for air disc systems, excelling in severe-duty applications such as buses, refuse trucks, and construction vehicles. These chambers are engineered to handle the toughest OEM demands with confidence.

PART NUMBER	CATEGORY	DESCRIPTION	CAGED
1616HTLD2-3627	High Output Technology (HOT) Air Disc Brake	For 1616 Piston Or 1624 Double Diaphragm	Y
1816HTND2-3669	High Output Technology (HOT) Air Disc Brake	For 1816 Piston Or 1824 Double Diaphragm	Y
1824HTND2-3628	High Output Technology (HOT) Air Disc Brake	For 1824 Piston Or 1830 Double Diaphragm	Y
2016HTND2-3710	High Output Technology (HOT) Air Disc Brake	For 2016 Piston Or 2024 Double Diaphragm	Y
2024HTND2-3626	High Output Technology (HOT) Air Disc Brake	For 2024 Piston Or 2030 Double Diaphragm	Y
2424HTND2-3629	High Output Technology (HOT) Air Disc Brake	For 2424 Piston Or 2430 Double Diaphragm	Y
18HSCND2-4026	Service Chambers for Air Disc Brake	T- 18 Disc 2.5" stroke	Y
20HSCND2-3630	Service Chambers for Air Disc Brake	T-20 Disc 2.5" stroke	Y
22HSCND2-3631	Service Chambers for Air Disc Brake	T-22 Disc 2.5" stroke	Y
24HSCND2-3632	Service Chambers for Air Disc Brake	T-24 Disc 2.5" stroke	Y



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