



**A More Powerful Spring  
Brake in a Smaller Package**

**hot** high output  
technology™

## HIGH OUTPUT TECHNOLOGY (HOT)

As the first double-diaphragm chamber used worldwide for disc brake applications, TSE's High Output Technology (HOT) chamber is a proven alternative to piston type disc brakes. HOT chambers offer higher output performance for your S-cam drum brake and disc brake application when compared to standard double-diaphragm chambers, and at a lower cost than piston chambers. HOT brakes are ideal for replacing piston brakes that are typically used on buses and other severe-duty applications.

### Patented Design

Featuring a lighter weight and smaller envelope size, the HOT brake's patented housing design, HOT diaphragm and HOT pressure plate increase performance while improving effective surface area. In addition, internal dust boot and optional rod guide ensure longer service life and improved protection against corrosion.

### Powerful Parking Performance

Achieve a higher parking or emergency force in a smaller profile while maintaining low hold-off pressure with a HOT brake. Also ideal for other severe-duty applications where you need higher parking force for added safety.

### Corrosion Protection

All steel HOT brakes receive TSE's in-house full immersion e-coating to ensure 100% coating for the best corrosion protection.

### Size/Stroke

HOT chambers are available in a 2.5" or 3" (65mm or 76mm) stroke, with US or metric threads for ports and mounting hardware.

In-House Testing Lab HOT chambers receive extensive testing through TSE's in-house lab for optimum performance, including tests such as variable pressure cycle, vibration, hot cell cycle, salt spray and slurry.

### Warranty

HOT chambers are available with a standard 3-year warranty, with an extended warranty available for National Fleet Partner customers.

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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