



# Commercial Vehicle Air Disc Brake System

Air Disc Plus Brake Pads

MEVO<sup>TECH</sup>

[TTXinnovation.com](http://TTXinnovation.com)



# The TTX Air Disc Plus Program



Engineered for the demands of Class 7 & 8 commercial vehicles, TTX Air Disc Plus combines an advanced friction formulation, corrosion protection and mechanical retention technology to deliver consistent stopping performance and long service life.

From long-haul highway applications to severe-duty vocational fleets, TTX Air Disc Plus is engineered to help reduce brake-related downtime and keep vehicles working.

## The Solution to Heavy-Duty Challenges



REPEL-TEK™ COATING IS APPLIED  
FOR MAXIMUM DEFENSE

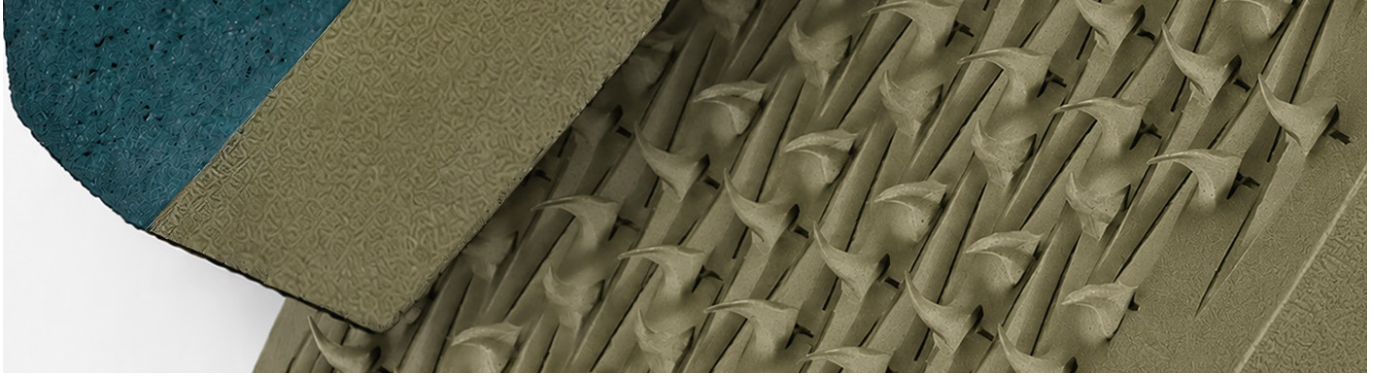
**Challenge:**  
*Corrosion and Rust Jacking*

**TTX Solution:**  
*Repel-TEK™ Corrosion Coating*

Rust jacking seizes pads in the bracket and causes uneven wear, drag and comebacks – the primary failure mode, especially under severe duty conditions.

The TTX Repel-TEK™ coating is a heavy duty anti-corrosion formula which protects against contaminant build-up. Dual coating inhibits rust over the full life of the pad.





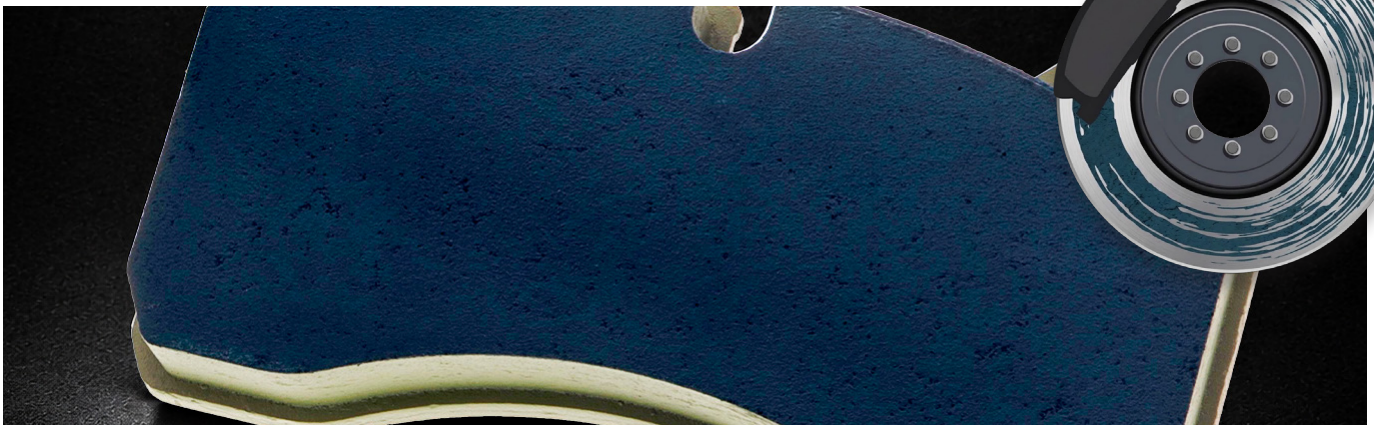
MPL SYSTEM RETAINS FRICTION MATERIAL TO BACKING PLATE FOR TROUBLE-FREE, LONG LIFE PERFORMANCE

**Challenge:**  
*Delamination under severe-duty conditions*

**TTX Solution:**  
*Mechanical Pad Lock (MPL) Technology*

Delamination or friction material separation from the backing plate is a failure mode which is reality for loaded vehicles in this class.

MPL technology mechanically locks the friction material to the backing plate to help prevent separation under demanding load conditions.



TTX BURNISHING LAYER OPTIMIZES PAD LIFE AND STOPPING POWER FROM DAY ONE

**Challenge:**  
*Premature Pad Wear*

**TTX Solution:**  
*TTX Initial Bedding Layer*

A specifically-formulated, pre-applied transfer layer beds the pad to the rotor, without the need for a long or complicated break-in procedure.

The result: consistent initial performance, reduced vibration and a more predictable pedal feel from the start.





# One Pad. Two Duty Cycles.

TTX Air Disc Plus brake pads are engineered with a friction formulation designed to perform across demanding duty cycles.

From long-haul highway operation to refuse and vocational service, TTX Air Disc Plus is engineered to balance stopping performance, wear, thermal stability and service life.



## Long Haul

**High speed, high mass, infrequent stops**

- Sustained high-energy stops from highway speed
- Thermal stability and fade resistance are the priority
- Predictable, even wear over very high mileage
- Low NVH matters for driver comfort over the long run

## Refuse & Vocational

**Low speed, high frequency, constant cycling**

- Hundreds of stops per shift in stop-start city duty
- Bite and recovery at low speed are the priority
- Heavy corrosion and debris exposure at the wheel end
- Uptime is the metric — a comeback costs a route





# Why Fleets Choose **TTX**

Built around fleet priorities

- **Longer Service Life**  
Help maximize brake-pad service intervals
- **Less Downtime**  
Complete product solution helps streamline service
- **Consistent Performance**  
Friction formulation delivers predictable braking
- **Corrosion Protection**  
Repel-Tek™ helps protect against rust-related pad problems
- **Complete Repair**  
Caliper-specific hardware included



# Designed and Tested for Confidence

TTX Air Disc Plus brake pads are rigorously tested for compatibility with applicable industry requirements. For fleet operators, this means confidence in a friction formulation engineered for demanding air disc brake applications.



## FMVSS 121 & RSD Compatible

- Engineered for air disc brake systems that are designed to meet applicable FMVSS 121 and RSD requirements
- Delivers OE-intent stopping performance



## NVH Control

- OE-matched chamfering and slotting  
Engineered to limit vibration and squeal



## 100% Copper-Free Formulation

- 100% copper-free formulation
- Designed to meet copper content regulations



- Accredited Test Certification
- Link report 109173-1-1



# Air Disc Plus Caliper Guide



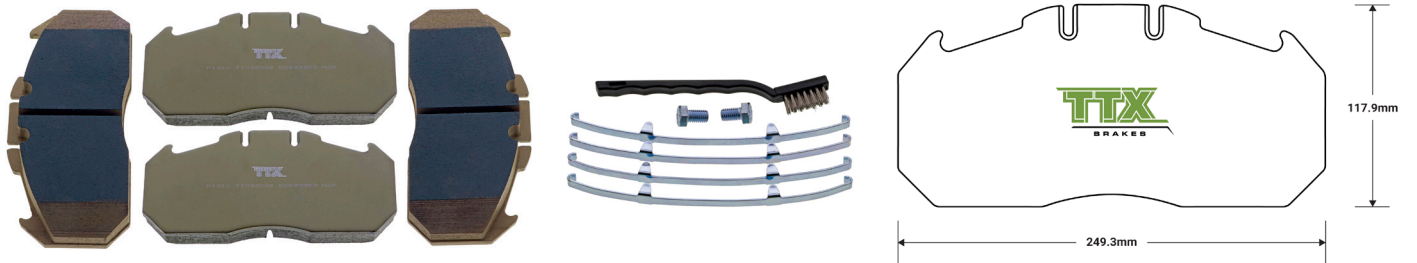
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**CALIPER SYSTEM: KNORR SB7, SN7**



**PART NUMBER: TXAD1310**

**CALIPER SYSTEM: MERITOR D ELSA 2**



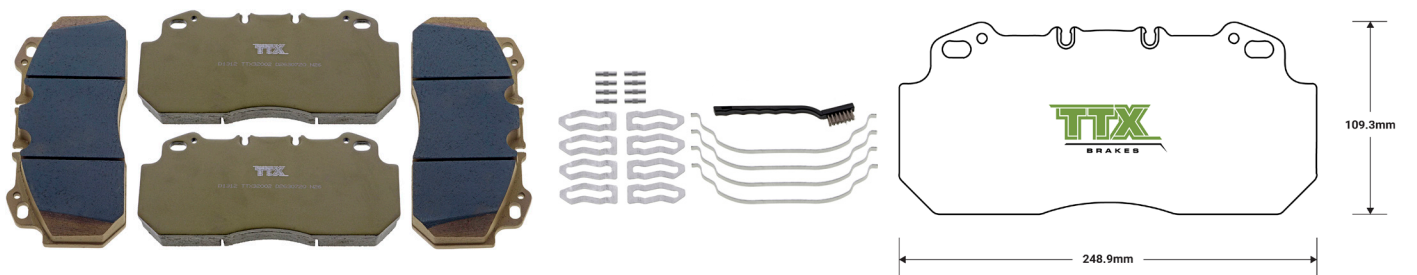
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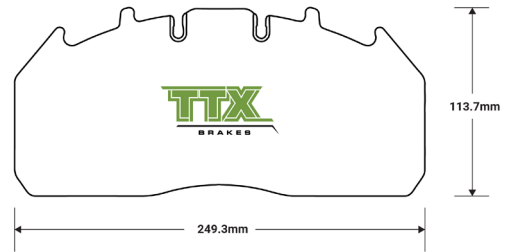
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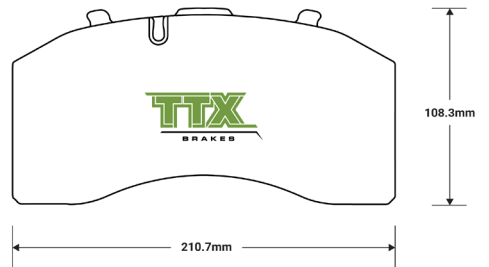
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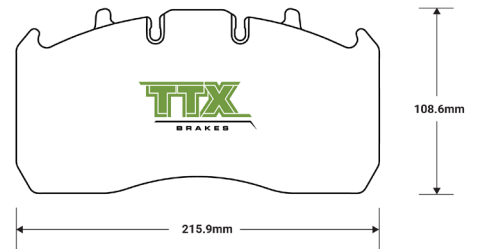
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**CALIPER SYSTEM: BENDIX ADB22X, ADB22X-LT**



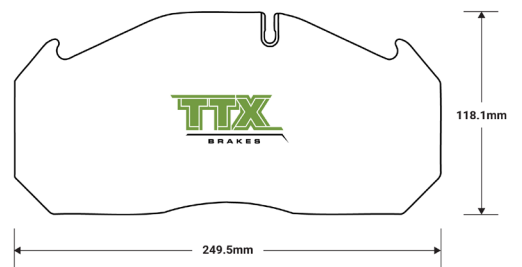
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**CALIPER SYSTEM: MERITOR D ELSA**



## CALIPER SYSTEM: WABCO PAN 19

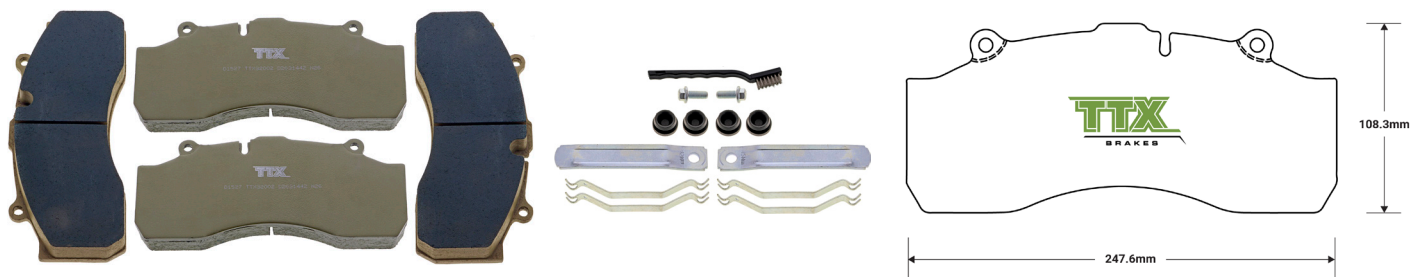


## CALIPER SYSTEM: WABCO PAN 17

**CALIPER SYSTEM: MERITOR DX 195****CALIPER SYSTEM: MERITOR DX 225**

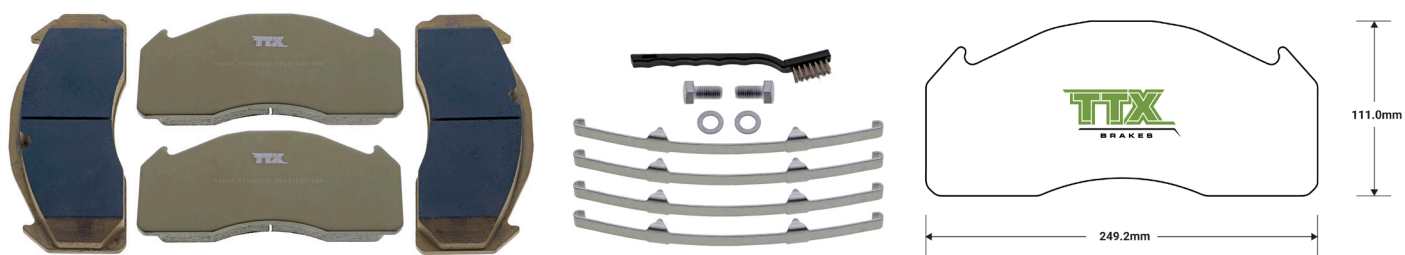
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**CALIPER SYSTEM: HALDEX DB22**



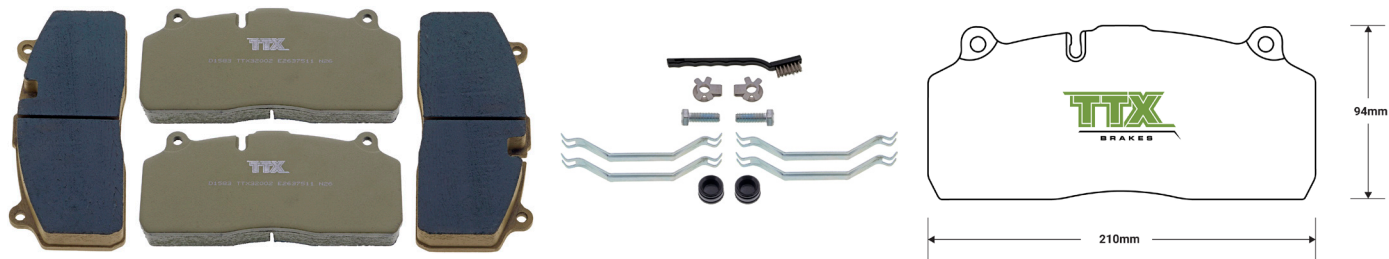
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**CALIPER SYSTEM: MERITOR D-DUCO**



**PART NUMBER: TXAD1583**

**CALIPER SYSTEM: HALDEX DBT22LT, DB22LT**



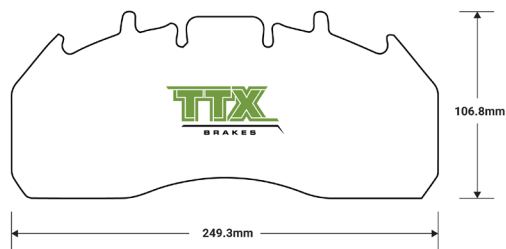
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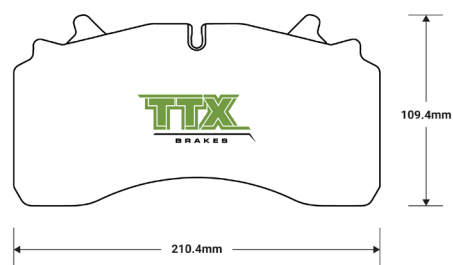
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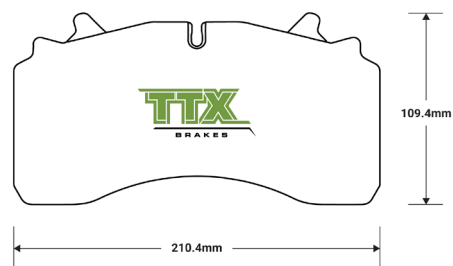
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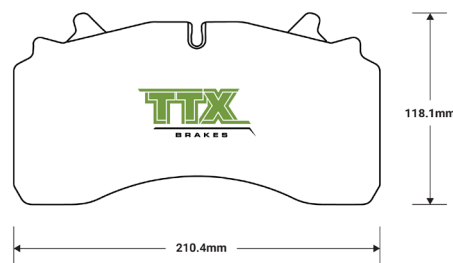
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**CALIPER SYSTEM: WABCO MAXX22T**



**PART NUMBER: TXAD2061**

**CALIPER SYSTEM: WABCO MAXXUS**





Scan here to learn more about  
the TTX Air Disc Plus program