

# Gunite Tru-Pilot® Dual Step Piloted Front Brake Drums

Lower Maintenance Cost  
Improved Brake Performance



Your only single source for industry-leading wheel end solutions.  
STEEL & ALUMINUM WHEELS | DRUMS | HUBS | ROTORS | SLACK ADJUSTERS



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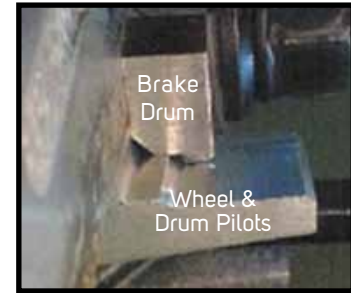
## Gunite's patented Tru-Pilot® dual step piloted drums - designed to lower maintenance costs.

In today's highly competitive trucking market maintenance costs are measured in minutes and miles. Every minute that a vehicle is off the road and in the maintenance shop is costing you money.

Gunite Tru-Pilot® front drums' unique bi-level piloting system is designed to help maintenance personnel properly install and seat the brake drum quickly and accurately during routine wheel-end maintenance procedures. The patented dual step pilot system uses the hub's wheel pilot to help accurately align the drum onto the hub's brake drum pilot.

This exclusive, patented Gunite feature can help to eliminate damage to the hub pilots, which occurs when the drum is improperly seated during the installation process. Without proper seating, the hub pilot can be damaged on traditional ferrous hubs resulting in the brake drum not properly seating against the mounting surface of the hub. The problem is even more prevalent with aluminum hubs where one simple mis-piloting of the drum can actually destroy the hub mounting pilot, requiring the hub to be replaced. This can be a very costly mistake. If the brake drum is improperly installed, and allowed to rest on the wheel pilot and not the drum pilot, the drum will shave the drum pilot when the wheel assembly is torqued down. If the brake drum is cocked during installation and not allowed to seat flat against the hub flange, the brake lining may drag against the drum causing drum failure.

While your maintenance personnel must still follow recommended drum mounting procedures, the Gunite Tru-Pilot® front drums virtually eliminates the damage to the hub pilot from improper positioning during mounting.



Damage to aluminum hub pilots will not allow the drum to seat properly.

## Gunite's patented Tru-Pilot® dual step piloted drums – designed to provide superior brake performance mile after mile.

Improperly mounted drums not only damage the hub mounting pilot, but also result in excessive run-out. This will cause the brakes to pulsate on application causing the brake system to operate at less than peak performance and can severely reduce the life of both the linings and the drums. In addition, excessive run-out will also dramatically reduce their life as well as significantly increase operating costs. Gunite's patented Tru-Pilot® front brake drums ensure proper alignment, thereby eliminating this problem and increasing both the life of your linings and drums. And, increased lining and drum life add up to significantly lower maintenance cost mile after mile after mile.

## Gunite Tru-Pilot® dual step piloted drums are backed by the industry's best warranty.

Gunite Tru-Pilot® drums are designed and manufactured to meet or surpass the North America industry requirements. And, like all Gunite products, the Tru-Pilot® drums are backed by the industry's most comprehensive warranties.

### The bottom line.

Gunite Tru-Pilot® front brake drums help to provide superior brake performance while significantly lowering life cycle costs. Just another reason why Gunite is the industry's leading supplier of brake drums to the heavy-duty trucking industry. Gunite front brake drums with the patented Tru-Pilot® are 3710X, 3721A®X, 3753X & 3800®X.

Patent # 5,890,567

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