

# TruTurn Brake Drums

**TruTurn® Brake Drums are precision-machined inside and out, which improves drum strength by eliminating the need for weld-on weights and balance cuts.**

TruTurn brake drums are constructed using ConMet's "turned-to-balance" machining process, which improves drum strength by eliminating the need for weld-on weights and balance cuts. Not only does this process make the drums stronger, but it creates other advantages such as uniform thermal expansion for reduced brake pulsing, and improved heat transfer, so the drum and brake linings stay cooler. Braking force is more evenly distributed, and occurrences of vibration and "judder" are minimized. With each stop, TruTurn brake drums maintain lower temperatures, maximize durability, minimize wear, and improve brake performance.

# ConMet® TruTurn® Brake Drums

ConMet

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TRUTURN BRAKE DRUM BROCHURE (https://cdn.intelligencebank.com/us/share/ONnl/rqrg/2qjN/original/BRCH_TruTurnBrakeDrums_WEB)

## Product Highlights

Drum strength is increased through "turned-to-balance" machining process

Full machining lowers drum temperature

Precisely machined surfaces reduce vibration

TruTurn drums are machined inside and out

## TruTurn Brake Drums

| Drum Number | Position | Type | Diameter | Shoe Width | Pilot Diameter | Overall Depth | Surface - Width | Flange Thickness (In) | Bolt Circle Diameter(In) | Bolt Hole Diameter (In) | Number Of Holes | Ball Seat Nut Comp? | Weight (Lb) | Pallet Qty | Standard On : |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CM 10081828 | Front | TruTurn | 15" | 4" | 8.78" | 8.79" | 4.66 | 0.5 | 11.25 | 1.1 | 10 | No | 75 | 25 | Peterbilt, Kenworth |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CM 10009920 | Front | TruTurn | 15" | 4" | 8.78" | 9.18" | 4.61 | 0.5 | 11.25 | 1.35 | 10 | Yes | 80 | 24 | Freightliner |
| CM 10037815 | Front | TruTurn Lite | 16.5" | 5" | 8.78" | 9.04" | 5.31 | 0.5 | 11.25 | 1.35 | 10 | Yes | 84 | 20 | Peterbilt, Kenworth, International Truck, replaces 10005331 Castlite |
| CM 10041543 | Front | TruTurn Lite | 16.5" | 5" | 8.78" | 9.37" | 5.64 | 0.5 | 11.25 | 1.35 | 10 | Yes | 86 | 20 | Freightliner, replaces 10005332 Castlite |
| CM 10014756 | Front | TruTurn | 16.5" | 5" | 8.78" | 9.37" | 5.58 | 0.5 | 11.25 | 1.1 | 10 | No | 94 | 20 | Freightliner |
| CM 10020147 | Front | TruTurn | 16.5" | 5" | 8.78" | 9.04" | 5.25 | 0.5 | 11.25 | 1.1 | 10 | No | 92 | 20 | Peterbilt, Kenworth |
| CM 10033071 | Front | TruTurn | 16.5" | 6" | 8.78" | 9.74" | 6.4 | 0.63 | 11.25 | 1.35 | 10 | Yes | 109 | 19 | Freightliner, Peterbilt, Kenworth |
| CM 10037763 | Rear | TruTurn Lite | 16.5" | 7" | 8.78" | 10.53" | 7.6 | 0.5 | 11.25 | 1.1 | 10 | Yes | 105 | 20 | Peterbilt, Kenworth, replaces 10001776 Castlite |
| CM 10009830 | Rear | TruTurn | 16.5" | 7" | 8.78" | 10.59" | 7.56 | 0.53 | 11.25 | 1.1 | 10 | Yes | 112 | 20 | Freightliner, Peterbilt, Kenworth |
| CM 10012097 | Rear | TruTurn | 16.5" | 8.625" | 8.78" | 11.49" | 9.12 | 0.62 | 11.25 | 1.1 | 10 | Yes | 122 | 15 | Freightliner, Peterbilt, Kenworth, International Truck |
| CM 10037825 | Rear | TruTurn Lite | 16.5" | 8.625" | 8.78 " | 11.37 " | 9.12 | 0.5 | 11.25 | 1.1 | 10 | Yes | 115 | 15 | Freightliner, Replaces 10033314 Castlite |

## General Product Information

### TruTurn Technology is Tried and True

Utilizing the skills of experienced wheel end engineers and the power of advanced computer modeling, ConMet developed TruTurn brake drum technology. ComputerAided-Design (CAD), Finite Element Analysis (FEA), solidification modeling, and rapid prototypes are all a part of the unique development process. Prototyping, static strength, and fatigue are just a few of the testing procedures used to guarantee the reliability of TruTurn brake drums.

## Warranty Information

### TruTurn Brake Drum Warranty

**1 Year / 100,000 Miles (https://cdn.intelligencebank.com/us/share/ONnl/b4Xk/NRO2/original/Limited+Warranty+-+Brake+Drums+and+Rotors+101-1081-G004+%2810018031%29+Rev+F)**

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