

L1043SB  
7/2009

# POUND FOR POUND

## THE BEST CAST DRUM OF ITS CLASS



[www.OTRBrake.com](http://www.OTRBrake.com)

# OTR

# OTR1601B

The OTR1601B is designed with excellent metallurgy and tensile strength to deliver the best pound for pound brake drum of its price class.



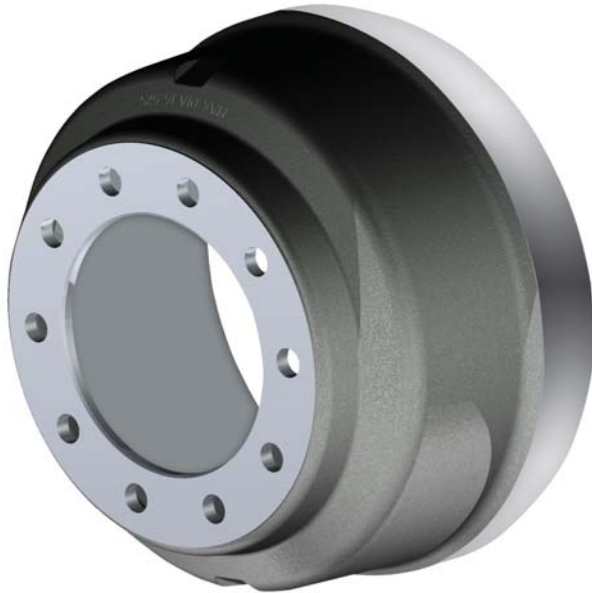
**At 106 pounds, this is the most cost effective drum for fleets that want minimal undercarriage weight to carry maximum cargo.**

## Performance Characteristics

- The most material at the braking surface of any drum of its price class for this application (109 lbs. or less)
- Minimum 30,000 lb. tensile strength per ASTM Grade 3000b
- Excellent thermal fade properties while maintaining excellent lining temperatures to deliver better drum and lining wear
- Exceeds FMVSS 121 Brake Test Standards
- B suffix denotes the drum is eccentrically balanced by machining the squealer band to achieve less than or equal to the industry standard of 20 in/oz

Same application as Gunitite 3600AX, Webb® 66864B® with 1" drilled holes

The OTR1602B has superior metallurgy and tensile strength to deliver the best pound for pound brake drum of its price class.



**At 127 pounds, this is the most cost effective drum for fleets that want maximum thermal transfer to extend brake life and improve stopping performance.**

## Performance Characteristics

- Superior thermal fade properties exceed federal requirements and deliver a great balance of drum and lining wear
- Minimum 35,000 lb. tensile strength per ASTM Grade 3500b (SAE G11 H18B)
- Durability tested with over 300 high deceleration panic stops and still exceeds the industry standard for drum life
- Exceeds FMVSS 121 Brake Test Standards
- B suffix denotes the drum is eccentrically balanced by machining the squealer band to achieve less than or equal to the industry standard of 20 in/oz

Same application as Gunitite 3576AX, Webb® 66884B® with 1" drilled holes

# Material, Manufacturing and Testing Specifications

1. Material is strengthened by alloying copper chromium with molybdenum to deliver the highest baseline metallurgy in the industry
2. Minimum of 3.4% carbon content for improved thermal fatigue resistance and improved heat dissipation
3. Manufactured in TS16949 certified plant with state-of-the-art quality management system
4. State-of-the-art sand casting process assures superior dimensional accuracy and metallurgical consistency
5. Computerized machining process delivers dimensional accuracy and repeatability for maximum brake performance
6. Mechanical performance tests performed to ASTM specifications: Hardness, Tensile Strength and Material Microstructure Evaluation
7. Excellent performance and durability verified by dynamometer testing in an independent US lab to FMVSS 121 Standards

## Coverage, Geometric Specifications and Cross Reference

P/N	Brake Size	# Bolt Holes - Size	Bolt Circle	Pilot	Overall Depth	Cross Reference		
						Webb®	Gunite™	Dayton™
OTR1501B	15 x 4	10 - 1.28	11.25	8.78	8.85	61528B	3721AX	
OTR1601B	16.5 x 7	10 - 1.00	11.25	8.78	10.62	66864®	3600AX	123207
OTR1602B	16.5 x 7	10 - 1.00	11.25	8.78	10.62	66884®	3576AX	123365
OTR1603	16.5 x 7	10 - .81	11.25	8.53	10.62	66893	3166A	122607
OTR1605	16.5 x 7	5/6 - .78/.66	11.00	9.44	8.38	67518	2983CX	122222
OTR1606	16.5 x 7	10 - .84	11.25	9.44	9.50	62200	2705X	12582
OTR1607	16.5 x 7	10 - .97	10.83	9.00	10.62	66875	3141BX	123409
OTR1608B	16.5 x 7	10 - .81	11.25	9.00	10.62	66895	3141X	122550
OTR1610	16.5 x 7	10 - .81	11.25	9.50	8.75	68730	3018AX	122126
OTR1611	16.5 x 7	10 - .81	11.25	9.44	10.75	60876	3120X	120877

*B denotes balanced  
All measurements in inches*