

## SEVERE SERVICE™ WHEELS BY ALCOA

Tough hauls demand tough wheels.

### Get Alcoa Severe Service™ wheels.

Logging, mining and other severe applications demand extra durability from your trucking equipment, including wheels. Spec the only aluminum wheels built to be as tough as your job: Alcoa Severe Service™ wheels.

More strength. Less weight. More payload.

- Load rated to 8,000 pounds – 600 pounds more than standard hub-piloted wheels
- Weighs as little as 55 pounds – 31 fewer pounds than a comparable steel wheel
- Delivers durability and additional payload in demanding applications. Add the new Alcoa Dura-Flange® rim protecting treatment to virtually eliminate rim flange wear.

More advantages.

- One-piece forged strength
- Never needs painting, so you reduce maintenance
- Cool, true run extends tire and brake life
- Backed by our five-year limited warranty – and more than 55 years of genuine Alcoa aluminum wheel experience.

### Alcoa Wheels – Look Smart

Alcoa Wheel Products  
www.alcoawheels.com  
1600 Harvard Avenue  
Cleveland, OH 44105  
800-242-9898



**SMART. STRONG.**

www.alcoawheels.com

# SEVERE SERVICE™ WHEEL SPECIFICATIONS

Alcoa aluminum disc wheel mounting dimensions are consistent with SAE Recommended Practice J694 February 2001. Part numbers listed for all sizes are machine finish. Polished finishes are indicated by changing the last digit of the part number listed to one of the following: for polished outside steer axle, part number should end in 1; for polished inside drive axle, part number should end in 2.

## 10-hole, hub piloted mounting – 285.75mm bolt circle, 220.1mm hub bore, 26.75mm bolt hole dia. (use two-piece flange nuts)

Part number <sup>2</sup>	Available finishes	Wheel description	Maximum wheel load in lbs. <sup>1</sup>	Wheel wt. in lbs.	Outset inches <sup>3</sup>	Inset inches	Maximum inflation PSI-cold	Valve stem	Front outer cap nuts	Rear outer cap nuts	Lug nut covers	Hub cover system
885600	0, 1, 2, ODF, 1DF, 2DF	22.5 x 8.25"	8,000	55	6.66	5.69	130	TR-543C	39874	39874	181	Front - 076188 Rear - 077188
985600	0, 1, 2, ODF, 1DF, 2DF	24.5 x 8.25"	8,000	65	6.6	5.63	130	TR-545D	39874	39874	181	Front - 076188 Rear - 077188

Valve hole is on the inside unless noted otherwise. Before mounting the tire, perform a wheel fitment check to insure proper clearance from any obstructions and always follow recommended safe practices when servicing wheels and tires (contact Alcoa for a free service manual).

<sup>1</sup> Capacity ratings as dual or single in highway service – bias ply or radial. Load ratings in pounds. Do not exceed maximum wheel load.

Customer must compare OEM vehicle load rating to maximum wheel load rating.

<sup>2</sup> Some wheels may bear part numbers not shown in this manual. Before servicing these wheels, contact your Alcoa wheel representative for proper load, inflation and part-compatibility information.

<sup>3</sup> Outset (Positive)/Inset (Negative) – The distance from the rim centerline to the mounting face of wheel. Inset (negative) places the rim centerline inboard of the wheel mounting face, and outset (positive) places the rim centerline outboard of the wheel mounting face (1/2 dual spacing = offset).

**Do not overinflate. Do not exceed maximum wheel load. Customer must compare OEM vehicle load rating to maximum wheel load rating. Refer to tire manufacturer's recommendation for proper tire pressure. Before mounting the tire, perform a wheel fitment check to insure proper clearance from any obstructions.**