

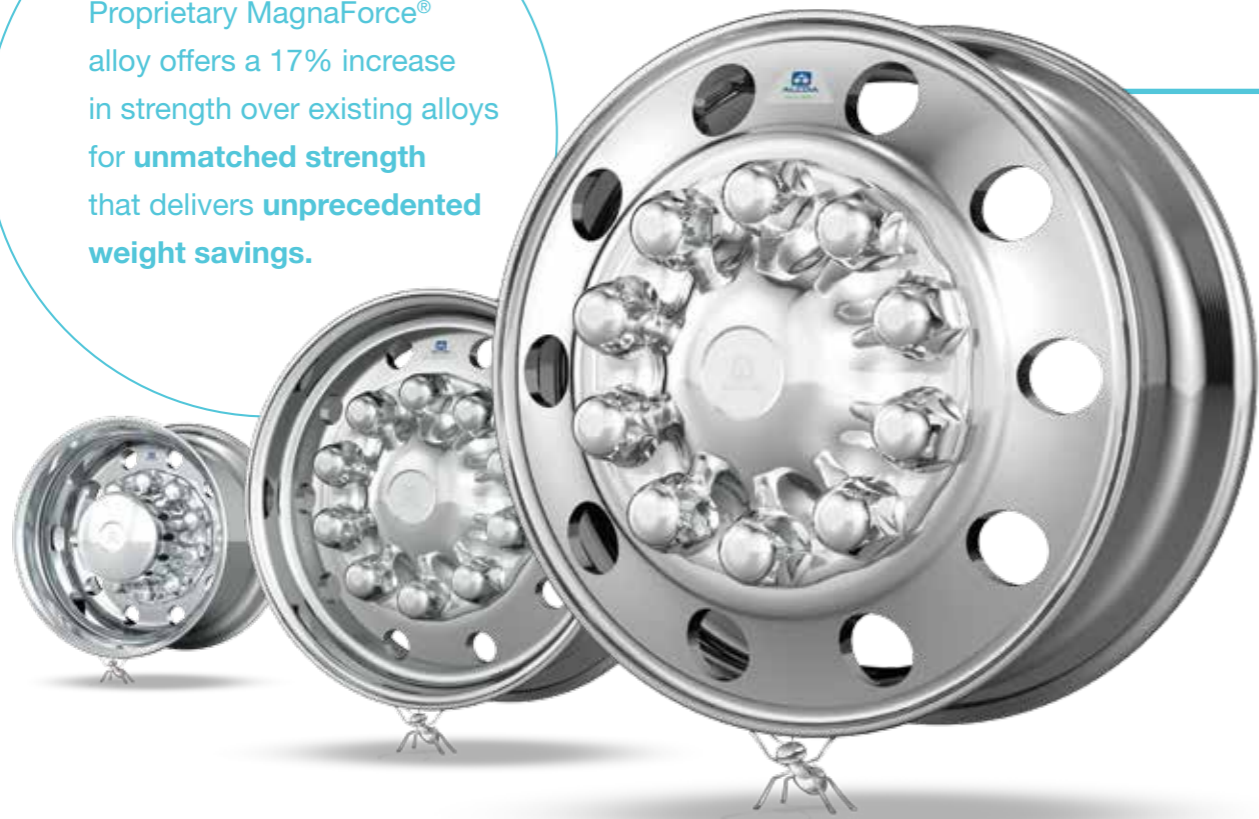


PRODUCT SPEC GUIDE



The Invention of
MAGNAFORCE®

Proprietary MagnaForce® alloy offers a 17% increase in strength over existing alloys for **unmatched strength** that delivers **unprecedented weight savings**.



Alcoa Ultra ONE® Wheels with MagnaForce® alloy
WE'VE UPPED THE ANTE.



Alcoa LvL ONE® Wheels

Alcoa LvL ONE® Wheels utilise advanced manufacturing and production process that optimises the wheel surface to produce a finish that is bright. Six times brighter than ordinary machine finished wheels.

COUNT ON YOUR WHEELS LOOKING GREAT FOR THE LONG RUN.

With a lower surface energy, less dirt and road grime stick to the wheel. And because patented Dura-Bright® **EVO** penetrates the aluminium, these wheels keep their shine and stay looking newer for longer, even after hundreds of washes* and thousands of miles.

- **10x more resistant to corrosion** caused by road salts and weather elements
- **3x more resistant to harsh chemicals**

Additional Benefits of all Alcoa Aluminium Wheels:

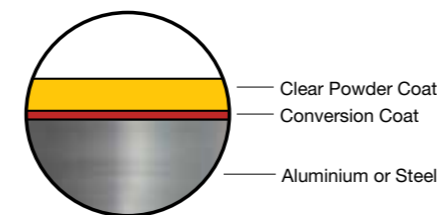
- One-piece forged aluminium that's **5x stronger than steel**
- True cool running **extends tyre and brake life**
- **Five-year limited warranty** for additional peace-of-mind

BREAKTHROUGH TECHNOLOGY

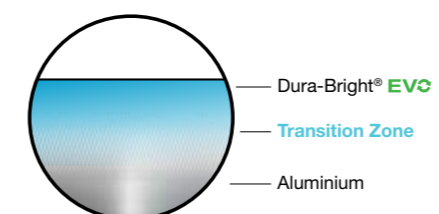
On ordinary wheels, a coating is typically applied as a layer that sits on top of the wheel surface. When scratched, water and salt can penetrate the coating, resulting in corrosion and further deterioration.

With Dura-Bright® **EVO** Wheels, the patented treatment actually penetrates the aluminium, forming a molecular bond that becomes an integral part of the wheel. It prevents cracking, peeling and filiform corrosion often seen on coated wheels.

CONVENTIONAL COATING



DURA-BRIGHT® EVO



* Alcoa Dura-Bright® Wheels should be cleaned in accordance with the Alcoa Dura-Bright® Cleaning Guide.





Alcoa Ultra ONE® Wheel with MagnaForce® alloy

HEAVY-DUTY WITHOUT THE HEAVY.

Alcoa Ultra ONE® Wheels with MagnaForce® alloy are now available in more sizes. Proprietary MagnaForce® alloy technology helps shed even more weight, making each wheel the lightest in the industry. The result? You can haul more every time you hit the road. And that's a nice lift to your bottom line.

CHOOSE
Ultra ONE® Wheels
for unmatched
strength and
unprecedented
weight savings

Alcoa Dura-Bright® **EV3** Wheels

NO MORE POLISHING.

Alcoa's third generation Dura-Bright® **EV3** Wheels feature a new and improved surface treatment that stands stronger against tough conditions without the need to polish, and is better for the environment. And when it's time to clean, a simple soap and water wash gets you back on the road.

With a lower surface energy, less dirt and road grime sticks to the wheel. And because patented Dura-Bright® **EV3** penetrates the aluminium, these wheels keep their shine and stay looking newer for longer, even after hundreds of washes* and thousands of kilometers.



THE LIGHTWEIGHT INNOVATION LEADER.

Alcoa Ultra ONE® Wheels with MagnaForce® alloy

HEAVY-DUTY WITHOUT THE HEAVY.

Alcoa Ultra ONE® Wheels with MagnaForce® alloy are now available in more sizes. Proprietary MagnaForce® alloy technology helps shed even more weight, making each wheel the lightest in the industry. That's a nice lift to your bottom line.



22.5" x 8.25"
ULTRAx

- Just 18.5kg
- 3355kg load rating
- 10-285mm PCD



22.5" x 9"
89U63x , 89U64x

- Now just 22kg or 25kg based on fitment
- 4535kg load rating
- 10-285mm PCD



22.5" x 14"
84U60x , 84U62x

- Now just 23.5kg
- Available in 0", .98", and 2" offsets
- 5805kg load rating

Alcoa Classic Wheels



22.5" x 8.25"
88367x

- Just 20kg
- 3355kg load rating
- 10-285mm PCD



22.5" x 8.25"
88252

- Just 23kg
- 3750kg load rating
- 10-335mm PCD



22.5" X 12.25"
82462x

- Super Single
- Just 30kg
- 5580kg load rating

SURFACE OPTION CODES

Alcoa aluminium disc wheel mounting dimensions are consistent with SAE J694 or ISO 4107 as applicable. The finish for Alcoa Wheels is specified by replacing the 6th digit "x" shown in the part number with the appropriate finish option. Finishes are defined as:

- | | |
|--|--|
| 0 - Brushed finish on both sides as applicable* | 7 - LvL ONE® finish on both sides as applicable* |
| 1 - Polished outside only | 8 - LvL ONE® finish on both sides (reference data table for offset position) |
| 2 - Polished inside only (same side as roll stamp) | 9 - Brushed finish on both sides (reference data table for offset position) |
| 3 - Polished both sides | |
- *0 and 7 finish options are determined by inset or outset mounting positions and may not be finished on both sides. Reference data table for offset position and available finish options.



Dura-Bright® Wheels are identified by adding "DB" at the end of the regular part number.

Dura-Flange® Wear Protection Wheels are identified by adding "DF" at the end of the regular part number.

The Dura-Bright® and Dura-Flange® Wear Protection options together are identified by the "DD" suffix.

The only finishes available for each part number are defined in the Finish Options column.

Additional Information:

- Dura-Bright® Wheels shine without polishing. Just wash with soap and water.
- Do not polish or clean Dura-Bright® Wheels with abrasives. Do not clean any Alcoa wheels with abrasives.
- Do not exceed maximum wheel load. Customer must compare OEM vehicle load rating to maximum wheel load rating.
- Do not overinflate. Refer to tyre manufacturer's recommendation for proper tyre pressure.
- Before mounting the tyre, perform a wheel fitment check to ensure proper clearance from obstructions.
- Some wheels may bear part numbers not shown in this Spec Guide. Before servicing these wheels, contact your Arconic wheel representative for proper load, inflation and part compatibility.
- Outset (positive) / inset (negative) – The distance from the rim centerline to the mounting face of the wheel. Inset (negative) places the rim centerline inboard of the mounting face and outset (positive) places the rim centerline outboard of the wheel mounting face. (Outset is also half dual space for dual wheels.)
- Check with vehicle manufacturer or axle manufacturer before retrofitting to outset wide base wheels to ensure compatibility with axle and wheel end components. P/N 84U62x is not recommended for use on N-Spindle trailer axles.
- For wheels diameter 19.5" and below that are packaged with brand new hardware, the included hardware must be used. In this case, do not use your vehicle's original lug nuts or bolts. Keep a set of your original lug nuts or bolts in your vehicle in case of potential future need of mounting a spare wheel.
- P/Ns 88565x and 98565x are Alcoa Severe Service® Wheels.
- To obtain information about free training on proper installation and maintenance procedures, contact Arconic Wheel Products at 03 9311 5800 or on the web at alcoawheels.com.
- For details on accessories, see Alcoa Accessory Products Catalog.



INNOVATION
IS IN OUR DNA



ARCONIC

DRIVING YOUR **BOTTOM LINE.**[™]