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 utilize proven technology resulting in low weight, enhanced strength and eye-catching brightness—still the industry standard.

Surface option codes

Alcoa® aluminum 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
1 - Mirror polished outside only
2 - Mirror polished inside only (same side as roll stamp)
3 - Mirror polished both sides
4 - Dura-Bright® finish
5 - Dura-Flange® finish
6 - Dura-Bright® and Dura-Flange® finish
7 - Clean Buff finish on both sides as applicable
8 - Clean Buff finish on both sides (reference data table for offset position)
9 - Brushed finish on both sides (reference data table for offset position)

*0 and 7 finish options are determined by inset or offset mounting positions and may not be finished on both sides. Reference data table for offset position and available finish options.

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 tire manufacturer’s recommendation for proper tire pressure.
- Before mounting the tire, 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 representative for Alcoa wheels for proper load, inflation and part compatibility.
- Offset (positive)/Inset (negative) - The distance from the rim centerline to the mounting face of the wheel. Inset (negative) places the rim centerline inward of the mounting face and offset (positive) places the rim centerline outward of the wheel mounting face. (Offset is also half the gap space for dual wheels.)
- Check with vehicle manufacturer or axle manufacturer before retrofitting to offset wide base wheels to ensure compatibility with axle and wheel end components. RN 86160x 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.
- RNs 86155x and 86156x are Alcoa Severe Service® Wheels.
- To obtain information about proper installation and maintenance procedures, contact Arconic Wheel and Transportation Products at (800) 342-9618 or on the web at alcowheels.com.
- For details on accessories, see Accessory Products Catalog for Alcoa wheels.
- Always perform a fitment check to ensure accessories are secure before operating vehicle.
## 22.5" & Above Wheel Diameter

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>IDM</th>
<th>Replacement IMD</th>
<th>Baggage Option</th>
<th>Surface Treatment Codes</th>
<th>Offset</th>
<th>Lead Rating</th>
<th>Valve Stem</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.5 x 10.75</td>
<td>6AA</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
<tr>
<td>23.5 x 10.75</td>
<td>6AA</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
<tr>
<td>23.5 x 10.75</td>
<td>800</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
<tr>
<td>23.5 x 10.75</td>
<td>800</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
<tr>
<td>23.5 x 10.75</td>
<td>6AA</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
<tr>
<td>23.5 x 10.75</td>
<td>800</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
<tr>
<td>23.5 x 10.75</td>
<td>6AA</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
<tr>
<td>23.5 x 10.75</td>
<td>800</td>
<td>8525s</td>
<td>H30</td>
<td>T</td>
<td>50</td>
<td>TR1400</td>
<td>488</td>
<td>1,120</td>
<td>1,200</td>
</tr>
</tbody>
</table>

### Alico Dura-Bright Wheels

What happens on the road, stays on the road.

Dura Bright® Wheels feature a proprietary surface treatment that stands stronger against tough conditions without the need to polish. And when it's time to clean, a simple soap and water wash gets you back on the road.

---

*Note: Specifications and availability may vary. Please consult the manufacturer for the most up-to-date information.*
### Alcove® Accessory Products

<table>
<thead>
<tr>
<th>Mounting System</th>
<th>Offset</th>
<th>Load Rating</th>
<th>Front Plate Cover</th>
<th>Rear Plate Cover</th>
<th>Rear Extension Only</th>
<th>Rear Extension Only Cover</th>
<th>Rear Extension Only Cover Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 Series</td>
<td>5/8&quot;</td>
<td>250 lbs.</td>
<td>3/8&quot;</td>
<td>250 lbs.</td>
<td>3/8&quot;</td>
<td>250 lbs.</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td>605 Series</td>
<td>5/8&quot;</td>
<td>300 lbs.</td>
<td>5/8&quot;</td>
<td>300 lbs.</td>
<td>5/8&quot;</td>
<td>300 lbs.</td>
<td>5/8&quot;</td>
</tr>
<tr>
<td>700 Series</td>
<td>5/8&quot;</td>
<td>350 lbs.</td>
<td>3/4&quot;</td>
<td>350 lbs.</td>
<td>3/4&quot;</td>
<td>350 lbs.</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>705 Series</td>
<td>5/8&quot;</td>
<td>400 lbs.</td>
<td>3/4&quot;</td>
<td>400 lbs.</td>
<td>3/4&quot;</td>
<td>400 lbs.</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>800 Series</td>
<td>5/8&quot;</td>
<td>450 lbs.</td>
<td>1&quot;</td>
<td>450 lbs.</td>
<td>1&quot;</td>
<td>450 lbs.</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

### Heavy-duty without the heavy.

Alcove® Ultra One® Wheels with MagnaCore® alloy are available in all the popular sizes. Proprietary MagnaCore® alloy technology helps shed even more weight, making each wheel lighter in the industry. That’s a size 90 to your bottom line.

### AlcoveLite® One® Wheels

AlcoveLite® One® Wheels feature a proven design for optimal weight and strength.
Building out a truck? We can help.
Find all your wheel options and OEM data codes with SPECFinder™ for Alcoa wheels.

alcoawheels.com/SPECFinder