

Accuride Accu-Flange™ Wheels

Protected wheel flanges safeguard your investment.

REDUCES RIM FLANGE WEAR | EXTENDS WHEEL LIFE



Your only single source for industry-leading wheel end solutions.
STEEL & ALUMINUM WHEELS | DRUMS | HUBS | ROTORS | SLACK ADJUSTERS



Carrying a heavy load? Experiencing excessive wheel flange wear?

Protecting your aluminum wheel investment just got easier with Accu-Flange™ aluminum wheels from Accuride. Its special protective coating at the wheel's peak wear surfaces minimizes abrasion between the tire wall and wheel rim, significantly extending the service life of your wheels. That's money-saving news for fleets that carry heavy loads and loads prone to shifting such as logs, metals, gravel, liquids or even passengers. The advantages also apply to fleets making frequent stops and starts, such as those in transit or refuse applications.

Accu-Flange™ keeps your wheels and tires in service longer, lowering your total cost of operation. That's the durability, performance and value you can count on from Accuride.

Abrasion happens

The physics of flange wear is simple: shifting cargo weight causes the walls of your tires to rub back and forth against the wheel flange, creating wear. After a while, the abrasion erodes the flange surface and causes sharp edges that damage the tires. Replacement is inevitable. When every maintenance dollar counts, that can prove costly. **Accuride has a solution.**

Durable Accu-Flange™ extends service life

Our Accu-Flange™ aluminum wheels are the answer. They feature a tough, abrasion-resistant treatment applied to the surface of the flange that forms a barrier to abrasion. This reduces wear, keeps your wheels in service longer, and delays costly wheel and tire replacement.











When it comes to ensuring the durability of your aluminum wheels, you have a choice. Specify Accu-Flange™ from Accuride to protect your aluminum-wheel investment. It's ideal for severe-duty applications where loads are prone to shifting, circumstances requiring frequent stops and starts, as well as gritty operating environments that accelerate flange wear.

Now, instead of replacing your aluminum wheels as often as every 18 months, you can let them roll on for miles and miles before replacement becomes necessary. If you keep your Class 8 truck for its average usable life of 10 years, the savings can really add up.



Accu-Flange™ benefits a range of applications

IDEAL APPLICATIONS FOR ACCU-FLANGE™

Commercial Vehicle	Relevance	Trend
 <p>Mining Truck</p>		<p>Mainly off-road with heavy loads and excessive flange wear due to the abrasive environment. Vehicles are in service for extended periods.</p>
 <p>Logging Truck</p>		<p>On-road and off-road, mixed use with heavy loads, and a high center of gravity. High degree of flange wear.</p>
 <p>Tanker</p>		<p>Higher center of gravity – heavy shifting loads may lead to premature flange wear.</p>
 <p>Dump Truck</p>		<p>Mainly on-road applications, but operating under heavy loads in tough environments. Medium level of flange wear due to abrasive operating environments.</p>
 <p>Transit Bus</p>		<p>Higher center of gravity with shifting loads, operating under multiple start and stop conditions. Vehicles are typically kept between 10 to 12 years.</p>



Accu-Flange™ warranty

Accuride warrants Accu-Flange™ against sharp edges on the rim flange for two (2) years from the date of manufacture. This warranty does not cover the following conditions: (i) Any damage due to cleaning, including damage from the use of abrasives, abrasive brushes, steel wool, scouring pads, strong chemicals or corrosives, and (ii) Any damage due to removal, misuse, or chipping, whether by contact with road obstacles such as stones, gravel, curbs, barriers, signs, tire changing equipment, or otherwise. For Accu-Flange™ / Accu-Shield® or Accu-Flange™ / Accu-Armor™ wheels, Accuride Wheel End Solutions recommends cleaning with mild detergent and water only. For Accu-Flange™ only wheels, Accuride Wheel End Solutions recommends cleaning with mild detergent and water, followed by application of a wheel polish or carnauba wax with 100% cotton cloth.



Ordering Accuride aluminum wheels with Accu-Flange™

Ordering Accu-Flange™ is easy. Just order the Accuride aluminum wheel you need and add an F to the end of the part number. See the Finish Option Table below for possible combinations. Look for the distinctive decal on either side of the wheel to quickly identify Accuride's new Accu-Flange™ wheels. Accu-Flange™, protection for the aluminum wheels you already depend on from Accuride. It's that easy.



SPECIFICATIONS

Wheel Size	Part Number	Bolt Holes	Bolt Circle (mm)	Center Bore (mm)	Offset	Weight (lbs)	Max Load (lbs)	Max Inflation (psi)
19.5 x 7.50	40160	8	275mm	221mm	6.59"	39	6,700	131
19.5 x 7.50	40162	8	275mm	221mm	6.25"	39	6,700	131
22.5 x 8.25	40008 ⁽¹⁾	10	285.75mm	220mm	6.59"	54	8,100	131
22.5 x 8.25	40014	10	335mm	281mm	6.69"	53	8,046	138
22.5 x 8.25	41644 ⁽¹⁾	10	285.75mm	220mm	6.59"	45	7,400	131
22.5 x 8.25	28632	10	11.25"	8.66"	6.59"	54	7,300	120
22.5 x 8.25	29560	10	335mm	281mm	6.69"	53	8,046	138
22.5 x 9.00	40180	10	335mm	281mm	6.69"	53	8,046	138
22.5 x 9.00	29562	10	335mm	281mm	6.69"	53	8,046	138
22.5 x 9.00	29730 ⁽¹⁾	10	285.75mm	220mm	7.00"	62	10,000	130
22.5 x 12.25	29374 ⁽¹⁾	10	285.75mm	220mm	4.75" ^(inset)	66	11,000	131
22.5 x 12.25	29683 ⁽¹⁾	10	285.75mm	220mm	2.88" ^(inset)	62	11,400	125
22.5 x 14.00	41140 ⁽¹⁾	10	285.75mm	220mm	0.50"	55	12,800	131
22.5 x 14.00	41142 ⁽¹⁾	10	285.75mm	220mm	2.00"	56	12,800	131
24.5 x 8.25	41362 ⁽¹⁾	10	285.75mm	220mm	6.59"	54	7,400	130
24.5 x 8.25	40550 ⁽¹⁾	10	285.75mm	220mm	6.59"	60	8,300	131

(1) Available as Accu-Armor™

Finish options

FINISH OPTIONS

CODE

XP	Extra Polish with Accu-Flange™ or Accu-Shield®	XPF XPFC
AIP / AOP	Traditional Inside/Outside Polish with Accu-Flange™ or Accu-Shield®	AIPF/AIPFC AOPF/AOPFC
SP	Standard Polish with Accu-Flange™ or Accu-Shield®	SPF SPFC
R	Accu-Armor™ with Accu-Flange™ or Accu-Shield®	RF

Refer to Accuride's bulletin W2.006 for rim flange wear evaluation instructions.

Your only single source

When it comes to keeping your rig looking its best – or fighting back against the elements – you have choices. Whether it's high-quality steel or aluminum wheels you want, we've got you covered.

Accuride Wheel End Solutions is the industry's only manufacturer capable of supplying both steel and aluminum wheels for commercial vehicle fleets from a single source. We're a wheels partner you can depend on for the success of your company. Whether you make the extra investment in aluminum wheels with Accu-Flange™ or opt for the extended-life value that Steel Armor™ delivers on our steel wheels, we can help you choose what's right for you. No other company can. Quality. Durability. Accuride.

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