



FORGITRON

TECHNOLOGIES, LLC



STRONGEST & BRIGHTEST LIGHT WEIGHT ALUMINUM TRUCK WHEELS

FORGITRON TECHNOLOGIES, LLC
30 Hengst Blvd.
Camden, South Carolina 29020

Phone: 803.425.6444 Ext. 2630
Toll-Free: 888.425.6445 Ext. 2630
Fax: 803.425.6445

Email: customerservice@forgitron.com
www.forgitron.com



| Why Forgitron?

World class technology, world class product quality and world class support put Forgitron in a class by itself. We are a leader in the design, engineering and manufacturing of advanced rotary aluminum forged one-piece and multi-piece wheels and products. Our products provide you with weight reduction, strength improvement, and fuel savings opportunities. We take great pride in our ability to provide high quality products and attentive service at a fair price. And we fill volume niches that other companies can't or won't. All of our F Series and Stud Pilot products are made in the USA in our advanced technology manufacturing plant and headquarters in Camden, South Carolina, USA.

| Why Forgitron Forged Wheels?

Our rotary forging technology, with its improved metallurgy, superior strength and durability characteristics compared to alternate forging methods, produces a one-piece, lightweight forged wheel with no porosity and no welded joints. Our fluidized bed heat treatment enables far tighter process control, resulting in more rigidly controlled physical properties in the finished wheel, compared to alternate heat treatment methods used by others. A Forgitron Forged Wheel's thermal properties will extend tire life and help your vehicle's brake package run cooler and last longer. And every Forgitron F Series forged wheel is backed by a 7 year limited warranty.



| Unmatched Durability

The highly specialized needs of mining, logging and other rigorous applications require extra durability from your truck wheels. We build a stronger wheel to meet your demanding applications; thanks to our rotary forging process! The lightest weight wheel in its class means more pay load for your business—its load rated to 8,000 pounds, 600 pounds more than a standard hub-piloted wheel. Weighing just 47 pounds, our 22.5 X 8.25 Hub Piloted, forged wheel is 41 pounds lighter than a comparable steel wheel, and ten pounds lighter than our competitors forged aluminum product. For demanding applications our wheels provide unmatched durability and best in class payload.

| Environmental Commitment

We are committed to helping you reduce fuel consumption by providing products that reduce vehicle weight and require less fuel on the road. At our plant in South Carolina, we are equally committed to helping the environment. We analyzed our operations and reduced our CO2 foot print by using the world's largest fluidized bed heat treat furnace. Not only is it 10 times more efficient than competitors' systems, it is a highly automated process technology that provides the highest levels of consistency and process capability.



| Fuel Savings



Fuel costs are one of the most difficult and persistent challenges to profitable commercial truck fleet operation and management. To help you meet this challenge, our rotary forged process produces the lightest-in-class, rotary forged, one piece wheels that weigh 30% to 50% less than steel wheels. Less weight means less fuel consumption — and it provides another economic benefit as well. Reducing per axle weight reduces related fleet costs for tire and brake systems. The fact that our rotary forged wheels look great is an extra added benefit.

| ISO 9001 And TS 16949 Certified

Forgitron has earned the ISO 9001 and the TS 16949 accreditations from the NSF International Strategic Registrations. ISO and TS are accepted worldwide as the inclusive international standards that define quality management system development, document review, pre-audit, initial assessment and clearance of non-conformance. All are designed to help eliminate non-conformance to quality systems and products. With these certifications, Forgitron's policies, practices and procedures are recognized as effective in ensuring consistent quality in the services and products we provide to our customers. Our customers can be confident that Forgitron is dedicated to maintaining the highest effectiveness and responsiveness in achieving our goal of total customer satisfaction.



| Superior Process Technology



We're the world's only manufacturer capable of producing large format wheels (up to 32 inch diameter) using a revolutionary rotary forging process combined with the world's largest scale fluidized bed heat treatment system. Our unique, highly automated process technology enables us to deliver a superior, lighter weight and stronger product with the highest levels of consistent quality. Rotary forging delivers improved metallurgy, strength and durability characteristics over alternate forging methods. Our aluminum rotary forged wheels, which are up to 40% lighter than steel wheels, are ideal for demanding commercial vehicles and military applications.

| Contact Forgitron

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Wheel Product Catalog



Part Number	Size	Finish	Max Load (lbs)	Max Inflation (psi)	Weight (lbs)	Outset (inches)	Inset (inches)	Valve Stem	Warranty
HUB PILOT 10 HOLE, 285.75mm BOLT CIRCLE, 220mm BORE									
F 47	22.5 X 8.25	360°	8000	130	47	6.66	5.77	TR555D	7 Years
7228201	22.5 X 8.25	Polished Outside	8000	130	47	6.66	5.77	TR555D	7 Years
7228202	22.5 X 8.25	Polished Inside	8000	130	47	6.66	5.77	TR555D	7 Years
F 56	24.5 X 8.25	360°	8000	130	56	6.62	5.71	TR555D	7 Years
7248201	24.5 X 8.25	Polished Outside	8000	130	56	6.62	5.71	TR555D	7 Years
7248202	24.5 X 8.25	Polished Inside	8000	130	56	6.62	5.71	TR555D	7 Years
STUD PILOT 10 HOLE, 11.25" BOLT CIRCLE, 8.73" BORE									
7228210	22.5 X 8.25	360°	7200	120	47	6.66	5.77	TR555D	5 Years
7228211	22.5 X 8.25	Polished Outside	7200	120	47	6.66	5.77	TR555D	5 Years
7228212	22.5 X 8.25	Polished Inside	7200	120	47	6.66	5.77	TR555D	5 Years
7248210	24.5 X 8.25	360°	7200	120	56	6.62	5.71	TR555D	5 Years
7248211	24.5 X 8.25	Polished Outside	7200	120	56	6.62	5.71	TR555D	5 Years
7248212	24.5 X 8.25	Polished Inside	7200	120	56	6.62	5.71	TR555D	5 Years

Forgitron's Superior Process Technology



1. Start of Wheel Manufacture



2. Rotary Forge Process



3. Detail Press



4. Flow Forming Operation



5. Fluidized Heat Treating Process



6. Machining Operations



7. Finishing Operations



8. Finished Wheel



Forgitron's manufacturing division and main office operates in a 80,000 square foot facility with space for expansion to 240,000 sq ft. Investing in the future, Forgitron's employees are constantly up-dating their knowledge and education. Every Forgitron employee has or is in the process of being cross-trained in another skill-set within our organization.

Part Number Cross-Reference

Forgitron	Alcoa	Accuride
F 47	883677	2364AANF
7228201	883671	2364AANF
7228202	883672	2364AANF
F 06	983648	23062ANF
7218201	983641	23062ANF
7218202	983642	23062ANF
F 47	885603	40008ANF
7228201	885601	40008ANF
7228202	885602	40008ANF
7228210	883118	28815ANF
7228211	883111	28815ANF
7228212	883112	28815ANF
7218210	983126	27509ANF
7218211	983121	27509ANF
7218212	983122	27509ANF