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**CELEBRATING**

**THE WHEEL**

American Classic continues to change the face of cycling componentry to improve your cycling experience. To build something truly different American Classic's engineer, Bill Shook and our technical staff work together through every stage of product development and production. It's a partnership that makes innovation possible and that's exactly how our new products were created.

We have been very busy creating new technology in 2013. The new line features 30mm deep Argent Road Tubeless Wheels, wide Carbon 38 Clinchers, wide Carbon 44 Tubulars, improved

wide Carbon 58 Clinchers, Aluminum Tubulars with either disc brakes or rim brakes, TCX Tubeless Wheels with either disc or rim brakes as our first venture into Trekking, 3 650B tubeless wheel-sets in the Race, All Mountain and Terrain platforms, a brand new line of rims for individual sales in 26", 650B and 29", a Lefty Front Disc Hub and 9mm Front Thru Axle Hub, a 46mm long Tubeless Valve Stem and more Thru Axle Conversion Kits. Our Collection is the culmination of three decades of research, development and results bringing the world's fastest, most advanced wheels to you.



Cofidis Pro Cycling Team  
Tour de France Bikes

Photo by: PAPON/PRESSE SPORTS



## SEASON 2013

»When you ride, the bike goes where you look. At American Classic, engineering is looking forward steering into the future towards the latest technology.«

**Bill Shook** | President

American Classic is emerging as a bicycle industry leader in the wheel and component design arena. We embrace improvement, fearlessly fusing engineering technology, quality and style into our product line. We are actively shaping the future of the bicycle industry and not sitting still to react to what others do.

Bill Shook, the founder and engineer of American Classic leaves the beaten path to seek new and innovative ways to improve bicycle technology with the single-minded purpose of making bicycle sport enjoyable for all who want to ride and race. We remain true to that chosen path. We strive for excellence and pave the way for a successful tomorrow with big picture creative

thinking with you, the cyclist, in mind. Bill started riding at the age of 14. He trained hard and became a champion road and track cyclist, earning a place on the US National Team. While racing, Bill started his design career building his projects in his Dad's garage. In 1974, he created and fabricated the first large tube aluminum bicycle in the world and raced it all over the country. While racing professionally, Bill strove to find the best equipment, the lightest tires and rims. In the 1970's in the US, fine equipment was hard to find and that is what sparked the idea of American Classic — a place where Bill could design and distribute high performance components for riders every where. After retiring from a successful racing career, Bill received a master's degree

in mechanical engineering from Ohio State University. Now he had the engineering expertise and everything was in place for American Classic to become a reality. In 1982, the first products were new concepts, the lightweight water bottle cage and the revolutionary lightweight adjustable seatpost. The rest is history. American Classic now has two facilities including our own testing and quality control center, rim factory and wheel building and assembly plant. American Classic has a broad variety of unique designs in all disciplines including road, track, triathlon, cyclo-cross, trekking, cross country, all mountain, downhill and hand-cycling. All this, because Bill couldn't find the right wheels to race in the 70's.



## THE SPIRIT OF INNOVATION:

### WIDE RIMS IMPROVE CYCLING PERFORMANCE

Everybody is talking about wider rims for both road and mountain bike. What does it really mean for you, the rider? There are a few wide rim profiles on the market but they are either heavy, or too light and flexy. Bill Shook used his mathematical abilities to design our revolutionary wide rims, attaining the goal of being light, stiff, strong, aerodynamic and wide, all in one rim. To start, wide rims mean riding lighter, smaller performance tires with cushiony, high air volume and firm surface grip. Larger width tires offer more air volume but they are heavy with a sluggish ride quality. The desired combined wheel and tire qualities are achieved by stretching out the smaller tire casing on a wide rim and effectively making the tire bigger. Also, smaller tires on wide rims reduce tire roll on the rims. With a narrow rim and a wide tire, the rim floats from side to side on the tire. Using a wider rim with a smaller tire minimizes float for improved handling, confidence and control. The rim is lower weight at the extreme outer edge of the wheel decreasing rolling resistance and boosting speed. Our wider, lighter rims translate into crisp accelerations, firm ground control, faster rolling on the flats and decisive handling for the extra edge needed by competitive athletes.



## AC ROAD TUBELESS TECHNOLOGY

### THE NEXT LEVEL

AC tubeless wheels take rim technology to the next level. Our mountain bikers are successfully riding and racing tubeless, and now this innovation is available for our AC road riders. Our tubeless wheels are set up with a base layer of AC fiber tape covering the spoke holes and two layers of AC honey colored tape to seal the rim. Next, install tubeless ready clincher tires and pump liquid sealant into the system through our proven AC valves. The liquid sealant replaces the conventional tube.

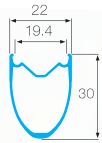
You may ask how our tubeless system works. Bill Shook designed the rim with a bead barb running along the edge of the bead shelf. When installed, the tire firmly pops into position over the bead barb. The tire bead centers and tightly grips the circumference of the rim creating a sealed environment to hold the liquid sealant without burping.

The number one reason to run tubeless wheels is to avoid flat tires. In the event of a puncture, the sealant quickly fills and closes small holes in the tire preventing flats caused by glass, metal and other debris. Pinch flats can not occur as the tube is not part of the system.

Our tubeless system is about speed. It lowers wheel weight at the extreme outer edge of the rim resulting in lower rolling resistance and better performance. In a traditional clincher set up, the tire and tube interface moves as the wheel rolls, creating friction and energy loss. With the AC tubeless set up, there is no frictional energy loss between the tire and tube because the tube is gone. Liquid sealant is lighter than a tube. You can ride lighter weight tires with our tubeless system because you don't have to use tires made with heavy, inflexible puncture layers. Overall, our tubeless system is lighter and the wheel will spin up faster with less rider energy output. And the best part is flat tires are past history.





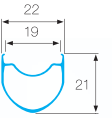


## ARGENT ROAD TUBELESS

### SERIES 3

Riders are obsessed with tubeless technology and we've unleashed the world's fastest, most advanced deep tubeless road wheels for racing and training. Driven by vision and created by hard work, Bill Shook designed this breakthrough Argent tubeless wheel system emphasizing durability and stiffness in a concept Bill calls, "multiplying lightness." The wide aerodynamic rim is 22mm wide x 30mm deep and only 390 grams. Bead barb technology hooks on the tire bead to secure the tires in place without burping. Ride smaller, lighter tires because they spread out across the wide rim. Low spoke count Series 3 lacing for torsional stability and stiffness. Hand built Argent's are championed for their quick accelerations, solid cornering, fast climbing and descending. When seconds count in the relentless pursuit to win, Argent wheels deliver the ultimate technological advantage.

<b>DISCIPLINE</b>	Road
<b>RIMS</b>	Argent Road Tubeless 390 gr Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	<b>FRONT</b> 586gr   <b>REAR</b> 786gr   <b>PAIR</b> 1372gr
<b>HUBS/SPACING</b>	<b>FRONT</b> Micro 58 100mm   <b>REAR</b> AC High-Low 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Black Uppercut with Gray Hubs
<b>INCLUDED</b>	AC Tubeless Road Tape Installed   AC Tubeless Valves
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Ti QR's   Wheel Bag Can be ridden with regular tire and tube.



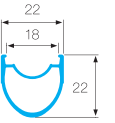
## ROAD TUBELESS

### SERIES 3

Three decades of research, development and results bring the world's fastest, technologically advanced tubeless road race wheels to you. Bill Shook mathematically engineered our 22mm wide, 310 gram tubeless rims for high performance and aerodynamics with convenient tubeless flat proof technology. They are simple to set up because of the pre-installed inner AC fiber tape layer and outer AC honey colored double tape layer. Add your favorite tubeless ready clincher tires and pump liquid sealant into the system through our included, proven AC tubeless valves. The liquid sealant replaces the conventional tube. Your tires seal tight without burping on the rim's large bead seat and bead barb. Low spoke count Series 3 lacing for torsional stability and stiffness. Hand built with our new AC Race Blade spokes specifically designed for this rim. Fast accelerating, nimble climbing and descending, steady cornering, smooth riding, speedy low friction rolling without flats. All this in one fast wheelset to make every race your best.

<b>DISCIPLINE</b>	Road
<b>RIMS</b>	Road Tubeless 310gr Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC Race Blade 14/16 Gauge Spokes Black   AC Aluminum Nipples Silver   24h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	<b>FRONT</b> 539gr   <b>REAR</b> 680gr   <b>PAIR</b> 1219gr
<b>HUBS/SPACING</b>	<b>FRONT</b> Micro 58 100mm   <b>REAR</b> AC High-Low 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Black Uppercut with Gray Hubs
<b>INCLUDED</b>	AC Tubeless Road Tape Installed   AC Tubeless Valves
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Ti QR's   Wheel Bag Can be ridden with regular tire and tube.





## MAGNESIUM CLINCHER

### SERIES 3

American Classic is taking the first steps into new technologies and ideas. Bill Shook believes that a rider's cycling experience can be transformed with new designs and new materials. This is not the easiest choice and most are not brave enough to take a new path.

Why magnesium? Magnesium is treasured in the automotive and aerospace industries for its lightness, strength and ductility. Magnesium is the perfect choice to meet our customers' demand for high-strength, lower weight bicycle rims. Magnesium is lighter than aluminum and more durable than carbon fiber. Known for its dampening qualities, magnesium absorbs road shock and vibration. Bill Shook worked tirelessly studying the metallurgy of magnesium to find the right magnesium alloy. Bill developed proprietary manu-

facturing processes to roll-form thin-walled magnesium extrusions into clincher rims. As one of the final manufacturing details, each rim receives a protective coating inside and out to resist corrosion. Developing magnesium technology resulted in our unique 300 gram magnesium rims that are stiff, strong, accelerate quickly, corner hard and naturally dampen high frequency road vibration for a smooth ride. Try them to transform your cycling experience.

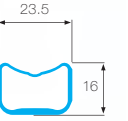
Our new 2013 Magnesium is state-of-the-art wheel technology, unparalleled in the cycling industry. It is the fastest accelerating, best cornering race wheel available with the convenience of using clincher tires. Magnesium is lighter than aluminum and more durable than carbon, with a special ride quality of its own. The

decreased rotational weight of Mag rims allow the rider to reach speed quickly and hold it longer with lower energy output. The new wide semi-aero profile, 22mm wide x 22mm deep, is stiff and includes a new brushed brake track for improved braking performance. Bill Shook selected a new special magnesium alloy for its corrosion resistance. New Series 3 spoke system and AC Race Blade spokes. Mags have the unique ability to dampen high frequency road vibration for a smooth ride.



<b>DISCIPLINE</b>	Road
<b>RIMS</b>	Magnesium 300gr Clincher Rims 700c
<b>SPOKES</b>	AC Race Blade 14/16 Gauge Spokes Black   AC Aluminum Nipples Silver   24h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	FRONT 467gr   REAR 641gr   PAIR 1108gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR AC High-Low 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Black Uppercut with Gray Hubs
<b>INCLUDED</b>	Kool Stop All-Weather Brake Pads
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Ti QR's   Wheel Bag





## ALUMINUM TUBULAR

### DISC AND RIM BRAKE

Our new aluminum tubular rims were specially designed by Bill Shook for the Cofidis Pro Cycling Team to race the cobblestones at Paris-Roubaix. Now this revolutionary wheelset is available to you. Since the dawn of cycling, aluminum tubulars have been a racing standard. Using mathematics and engineering, Bill brought the aluminum tubular into the modern race world with a strong, shallow box rim profile that is super wide at 23.5mm. These fast wheels track aggressively and solid, especially in the corners. The high spoke count and high hub flanges make the wheels burly, vertically compliant and forgiving. The rims can accommodate larger diameter tubular tires up to 32mm wide for cyclocross. Wider tires on wide rims increase the tire patch to float over rough terrain found in cyclocross races. Available in a rim brake or disc brake format. Back to basics simplicity with forward thinking engineering, AC aluminum tubulars are the new classic for racing and training.

<b>DISCIPLINE</b>	Road   Cyclocross
<b>RIMS</b>	AC 400gr Aluminum Tubular Disc or Rim Brake Rims 700c
<b>SPOKES</b>	AC 14/15 Gauge Spokes Black   AC Aluminum Nipples Silver   32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>DISC BRAKE:</b> Front 722gr   Rear 849gr   Pair 1571gr <b>RIM BRAKE:</b> Front 697gr   Rear 829gr   Pair 1526gr
<b>HUBS/SPACING</b>	<b>DISC BRAKE:</b> 6 Bolt   Front Disc 130 100mm   15mm Thru Axle Disc 100mm   9mm Thru Axle Disc 100mm   Rear Disc 225 135mm Rear Spline Shimano/SRAM 9/10   10mm x 135mm Thru Axle Disc   All Mountain Disc Thru Axle 12mm x 135mm   142mm Thru Axle Disc <b>RIM BRAKE:</b> Front 105 100mm   Rear RD 205 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Black Uppercut with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag





## THREE GROUP SPOKE SYSTEM

### BALANCE OF SPOKE TENSION

Bill Shook obsessively engineers every wheel system to its optimal "sweet spot", the balance of spoke tension, hub flange width, spoke angle and selection of the appropriate materials. After years of research and development, Bill Shook designed the American Classic three group spoke lacing for our 24 spoke rear wheel systems to build the strongest, stiffest and lightest road rear wheels in our line. We call this advanced system Series 3 for our 420 Aero 3, Magnesium, Road Tubeless, Aluminum Tubular and Carbon wheels. These good looking, hand built three group spoke wheels are at the forefront of performance, aerodynamics, comfort and durability.

The concept behind this lacing pattern is to create equal spoke tension for the drive and non-drive sides of the rear wheel, a state that cannot be reached in traditionally spoked wheels. Mathematically, this unique balance of spoke tension occurs on 24 spoked rear wheels. To achieve this balance, the rims are drilled in groups of three spoke holes. The spokes are laced to our finely crafted American Classic high-low 24 spoke hub, two on the drive side of the wheel to one on the non-drive side. The result is more spokes on the drive side where the wheel needs to be strongest, and fewer spokes on the non-drive side. Bill Shook calculated the optimal position for the non-drive side hub flange to create the ideal bracing angle of the non-drive side spokes. "The three group spoke design is a better use of materials achieving the balanced use of the spokes with equal spoke tension on both sides of the rear wheel," says Shook.

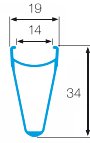
The wheels are stiff and light to decisively dive into corners and power out, accelerate repeatedly, climb and descend with ease and hold speed on the flats. There are no broken spokes. No flexy feeling out of the saddle. When winning is your goal, the time-tested three group spoke wheel system delivers.



**Romain Guillaume**  
Pro Triathlete, Winner of IM 70.3 Quebec  
and Tristar 111 Cannes

Photo: by Ali Engin



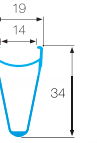


## 420 AERO

### TRACK

Combining our track hubs with the aerodynamics of our proven 420 clincher 34mm deep rims and bladed spokes make the Track 420's a solid multi-purpose wheelset for track racing or road riding. Sprint on the track or ride fixed gear on the street on one set of wheels. They are light, fast, responsive and accelerate quickly. Strong track quality 3 / 8" x 24 Tpi bolts work with an easy to use 8mm allen key socket head. Because track wheels are repeatedly taken on and off the bike, the improved threads are steel on steel for long life. End cap contact points are large diameter serrated steel to keep the wheel from slipping. High hub flanges maximize wheel stiffness which makes bike handling easier at high speeds.

<b>DISCIPLINE</b>	Track   Road
<b>RIMS</b>	420gr 34mm Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18 Radial Front   24h 2-Cross Rear
<b>WEIGHT</b>	FRONT 745gr   REAR 840gr   PAIR 1585gr
<b>HUBS/SPACING</b>	FRONT Track 100mm   REAR Track 120mm, Fixed Only
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Shoek Integrated Bolt System   Lock Ring
<b>EXTRAS</b>	Ceramic Bearings   Wheel Bag



## 420 AERO 3

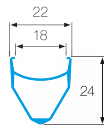
### SERIES 3

The 420 Aero 3's are stronger than ever for serious riders and racers. They are the best do-it-all wheels on the market, strong enough for racing or training. The new lightweight high-low hub flange is engineered to carry balanced spoke tension on all spokes for increased side to side stiffness and strength. The Series 3 spoke system results in consistent spoke tension and shares the load equally for increased wheel durability. The 420 rim is the lightest deep section clincher rim in the world with technology designed by Bill Shoek. Improved braking surface. Low spoke count bladed spokes shave weight, boost aerodynamics and stiffness. The rim profile and bladed spokes slice the wind to hold your high end cruising speed. The ride is fast, responsive and smooth with great accelerating properties, brisk climbing and speedy descent.

<b>DISCIPLINE</b>	Road   Triathlon   Cyclocross
<b>RIMS</b>	34mm Deep Section 420gr Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	FRONT 663gr   REAR 867gr   PAIR 1530gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR AC High-Low 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs   AC Pink Bigtype with White Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   TI QR's   Wheel Bag





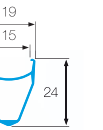


## HURRICANE

The Hurricane wheelset is a high performance clincher wheel for the large and powerful road rider. A perfect choice for racing, training or cyclocross. Hurricane wheels create a balance between strength, weight, responsiveness and durability. They set the standard as the first modern wide rims on the market.

The rims are tough enough to handle mud, rough roads and cobblestones. Bill Shook used his design skills and geometry to make the Hurricane semi-aero rims strong and light with a rim profile of 22mm wide x 24mm deep. These wide profile rims translates into crisp accelerations, faster rolling on the flats and decisive cornering. Hurricanes are comfortable for long rides and loaded trekking. They are the wheel of choice for Sprinters and Clydesdale riders.

<b>DISCIPLINE</b>	Road   Cyclocross   Trekking
<b>RIMS</b>	Hurricane 400gr Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC 14/15 Gauge Spokes Black   AC Aluminum Nipples Silver   32h 3-Cross Front and Rear
<b>WEIGHT</b>	FRONT 745gr   REAR 855gr   PAIR 1600gr
<b>HUBS/SPACING</b>	FRONT 105 100mm   REAR RD 205 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag



## SPRINT 350

Sprint 350's are great for climbing and fast rides, everyday or race use. Responsive, smooth and easy to spin up to speed. No gimmicks, hidden nipples or unusual spokes. The Sprint 350 rim is one of the lightest traditional aluminum road clincher rims in the world.

Bicycling Magazine said the Sprint 350's are the »lightest-per-dollar everyday wheelset we've ever found. They excel as race wheels too-not only because they spin up as quickly as you'd guess a featherweight would, but because the deepish rim wall gives just enough aero advantage for sustaining a long solo break at the threshold and despite its wispy weight and radial lacing up front (3-cross rear) the wheel doesn't noodle in the corners.« Maximize your riding potential with Sprint 350's.

<b>DISCIPLINE</b>	Road
<b>RIMS</b>	Sprint 350gr Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC 14 / 15 Gauge Spokes Black   AC Aluminum Nipples Silver   28h Radial Front   32h 3-Cross Rear
<b>WEIGHT</b>	FRONT 610gr   REAR 800gr   PAIR 1410gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR RD 205 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag



# WHAT IS UNIQUE

## ABOUT SERIES 3 CARBON?

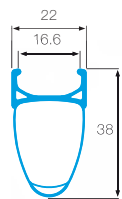
*American Classic has entire new line of carbon fiber wheels, engineered inside and out for top performance.*

Carbon fiber is composed of extremely thin, bonded fiber made of carbon atoms. Thousands of carbon fibers are bundled together into cloth-like sheets. The sheets are combined with plastic resin. The sheets are placed into a mold with the fibers oriented in specific directions to create the desired characteristics of strength, stiffness or flexibility for the completed rim. Carbon fiber is used in wheels because of the high strength-to-weight ratio, low weight and the ability to mold the sheets into aerodynamic shapes. The subject of intense study in cycling, aerodynamics is the air flow over and around your wheels, bike and body as you ride. The goal of aerodynamics is to reduce the wind resistance called drag on your equipment, so the rider slices through the air and goes faster. At slow speeds, there is smooth air flow called laminar flow. As speed increases, the laminar flow turns to turbulent flow. There is a "sweet spot," the point of reduced drag, when the air begins to tumble over and across the wheel surfaces in turbulent flow. The key to top carbon fiber wheel design is to produce rim shapes that optimize, capture and maintain the aerodynamic sweet spot for each rim depth.

Bill Shook started the engineering process on our carbon fiber rims from the inside, dictating the direction and lay up of the fibers to form stronger internal spoke beds for structural integrity and stiffness. He then moved to the outside of each wheel, designing unique features for aerodynamic performance to achieve the "sweet spot". Carbon 38, Carbon 44 and Carbon 50 are the most challenging shapes because of their minimal surface area. Bill designed a gentle curved shape down to the spoke bed to minimizing drag by bringing the air flow back together without turbulence. Carbon 58 tubulars and clinchers have a recurve shape under the brake track. The recurve shape creates air pressure fluctuations causing a ripple effect to induce turbulent air flow to reduce drag at higher speeds. Carbon 85 tubulars are a semi disk shape with no spokes near the leading edge of the wheel. Bill designed the large, smooth carbon surface bringing air back together reducing cavitation behind the spokes. Carbon TT Disk is the ultimate in aerodynamics with lenticular skins to sustain the sweet spot for maximized power output.







## CARBON 38 CLINCHER

### SERIES 3

New Carbon 38 Clinchers round out our line this year. Riders pursuing athlete achievement demanded a wide mid-v carbon profile in a clincher format. They spin up aggressively fast, corner decisively, climb like a rocket and roll on smoothly at high-end speed. The mid-v rim depth is stable in cross winds. Bill Shook designed the 22mm wide rim profile to gently curve down to the spoke bed to minimize drag by bringing the air flow back together without turbulence. Impressive aerodynamic features include the 38mm deep rim, bladed spokes and low spoke count. The Series 3 spoke system results in consistent spoke tension and shares the load equally for increased wheel durability for larger riders. Aluminum bead over all carbon for improved braking and to protect the rim. Vertically compliant and quiet riding. A good all-around choice for racing and training athletes.

<b>DISCIPLINE</b>	Road   Triathlon   Cyclocross   Trekking
<b>RIMS</b>	Carbon 38mm Series 3 Clincher Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	FRONT 778gr   REAR 973gr   PAIR 1751gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR AC High-Low 130mm Rear Spine Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag



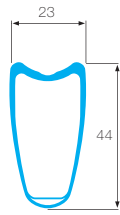
## CARBON 58 CLINCHER

### SERIES 3

Back by popular demand, the Carbon 58 Clinchers are better than ever with new 22mm wide rims. The Series 3 spoke system results in consistent spoke tension and equal load sharing for increased wheel durability. They are the best of both worlds, carbon in a clincher format to use every day or as race wheels with an aerodynamic advantage. They proved durable in testing at our test facility. Bill Shook selected the aluminum bead over an all carbon bead for improved braking, and to protect the tire and avoid flats. Stiff and compliant, they hold high cruising speed with less effort. »Carbon 58 wheels roll smoothly and are notably comfortable, a surprise from a deep profile rim.« Road Bike Action Magazine. Carbon 58 Clinchers are an all around performer at an excellent price point to carry you to the win.

<b>DISCIPLINE</b>	Road   Triathlon   Cyclocross   Trekking
<b>RIMS</b>	Carbon 58mm Series 3 Clincher Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	FRONT 851gr   REAR 1059gr   PAIR 1910gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR AC High-Low 130mm Rear Spine Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag



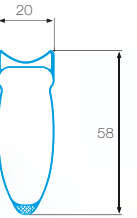


## CARBON 44 TUBULAR

### SERIES 3

We recommend the sleek, new Carbon 44's for the serious cyclist who demands speed. These state of the art wheels are light, stiff, aerodynamic and fast for road and triathlon. The Carbon 44's excel at criteriums, road races and time trials where re-accelerating, climbing and blistering cornering is required. The mid-v rims are stable in cross winds. Bill Shook designed the wide 23mm x 44mm deep rim profile to gently curve down to the spoke bed to minimize drag by bringing the air flow back together without turbulence. New high TG resin brake surface system for improved braking. The Series 3 spoke system results in consistent spoke tension and shares the load equally for increased wheel durability. Turn a good day of racing into your personal best.

<b>DISCIPLINE</b>	Road   Triathlon   Cyclocross
<b>RIMS</b>	Carbon 44mm Series 3 Tubular Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	FRONT 596 gr   REAR 777gr   PAIR 1373gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR AC High-Low 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag
<b>BRAKE SURFACE</b>	New high TG resin brake surface system Carbon specific brake pads are recommended.



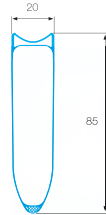
## CARBON 58 TUBULAR

### SERIES 3

The 58mm deep section wheelset excels where aerodynamics and holding high cruising speeds are required. They spin up aggressively fast and roll on smoothly at high-end speed. Low spoke count bladed spokes slice the wind. The new lightweight high-low hub flange is engineered to carry balanced spoke tension on all spokes for increased side to side stiffness and strength. The Series 3 spoke system results in consistent spoke tension and shares the load equally for increased wheel durability. The do-it-all 58mm wheelset is also a good choice for larger athletes and cyclocross. New high TG resin brake surface system for improved braking. A wealth of technology for the competitive rider determined to realize maximum riding potential.

<b>DISCIPLINE</b>	Road   Triathlon   Cyclocross
<b>RIMS</b>	Carbon 58mm Series 3 Tubular Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	FRONT 612gr   REAR 844gr   PAIR 1456gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR AC High-Low 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag
<b>BRAKE SURFACE</b>	New high TG resin brake surface system Carbon specific brake pads are recommended.





## CARBON 85 TUBULAR

### SERIES 3

Carbon 85 Tubulars are for determined athletes who want to fire up their personal performance at races and events. The wheels are stiff, aerodynamic and fast. They roll on maintaining high-end speed. The deep Carbon 85 rims are a semi-disk with an air foil shape. Low spoke count bladed spokes slice the wind. Bill Shook designed the large, smooth carbon surface to bring the air flowing over the rims back together reducing cavitation behind the spokes. The lightweight high-low hub flange is engineered to carry balanced spoke tension on all spokes for increased side to side stiffness and strength. The Series 3 spoke system results in consistent spoke tension and shares the load equally for increased wheel durability. The Carbon 85 wheelset is also a good choice for larger athletes. Challenge your personal best with Carbon 85 wheels.

<b>DISCIPLINE</b>	Road   Triathlon
<b>RIMS</b>	Carbon 85mm Series 3 Tubular Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 3-Cross Drive, Radial Non-Drive Rear
<b>WEIGHT</b>	FRONT 715gr   REAR 901gr   PAIR 1616gr
<b>HUBS/SPACING</b>	FRONT Micro 58 100mm   REAR AC High-Low 130mm Rear Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
<b>LOOK/COLOR</b>	AC Tour Black with Gray Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag
<b>BRAKE SURFACE</b>	New high TG resin brake surface system Carbon specific brake pads are recommended.

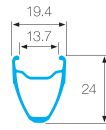
## CARBON TT

### DISK TUBULAR

Our Carbon TT Disk wheel is the union of aerodynamics with rider power transfer, the new standard for modern time trial race technology. The core is comprised of rigid polymer channels. The load bearing outer carbon skins are sandwiched in place over the core under extreme pressure and then carefully heated to create the strongest, stiffest system available. High TG resin brake surfaces offer consistent stopping power. Holds your high end cruising speed to maintain steady power output for long periods. A performance booster to confidently achieve your race objectives and push to new limits. Pair with our Carbon 58 or Carbon 85 front wheel to make your bike the ultimate time trial machine.

<b>DISCIPLINE</b>	Road   Triathlon
<b>WEIGHT</b>	REAR 1436gr
<b>HUBS/SPACING</b>	REAR 130mm Spline Shimano/SRAM 9/10
<b>LOOK/COLOR</b>	AC Tour Black
<b>QUICK RELEASE</b>	Cromoly QR
<b>UPGRADES</b>	Titanium QR   Wheel Bag
<b>BRAKE SURFACE</b>	High TG resin brake surface Carbon specific brake pads are recommended



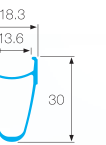


## VICTORY

Victory wheels are a remarkable value offering unprecedented quality and time tested durability. Riders experience excellent performance at a mid range price point.

Machined braking surface with no hidden nipples or unusual spokes. Our attention to detail results in reliability, responsiveness, speed and comfort. This no nonsense wheelset is a good choice for the larger athlete. Newly improved sturdier bearings and hub for increased durability. Modern new graphics and all the top AC technology are an excellent value.

<b>DISCIPLINE</b>	Road   Trekking
<b>RIMS</b>	Victory 24mm Deep Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC 14 / 15 Gauge Spokes Black   AC Brass Nipples Silver 24h Radial Front   28h 3-Cross Rear
<b>WEIGHT</b>	FRONT 718gr   REAR 930gr   PAIR 1648gr
<b>HUBS/SPACING</b>	FRONT Victory 100mm   REAR Victory 130mm Rear Spline Shimano/SRAM 9/10
<b>LOOK/COLOR</b>	AC Tour Black with Black Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Titanium QR's   Wheel Bag   Stainless Steel Bearings



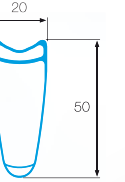
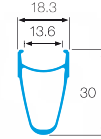
## VICTORY 30

A proven product in the AC line, the deep section Victory 30 wheels allow every rider the remarkable opportunity to ride American Classic. They are an ideal balance between strength, weight and performance. Impressive aerodynamic features include the 30mm deep rim, bladed spokes and low spoke count. A very good choice for large riders.

Machined braking surface with no hidden nipples or unusual spokes. Hand built, reliable, fast and smooth. Newly improved sturdier hubs and bearings for increased durability. Modern new graphics and all the AC technology are an excellent value at a mid range price point.

<b>DISCIPLINE</b>	Road   Trekking   Triathlon   Cyclocross
<b>RIMS</b>	Victory 30mm Deep Aluminum Clincher Rims 700c
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 18h Radial Front   24h 2-Cross Rear
<b>WEIGHT</b>	FRONT 676gr   REAR 916gr   PAIR 1592gr
<b>HUBS/SPACING</b>	FRONT Victory 100mm   REAR Victory 130mm Rear Spline Shimano/SRAM 9/10
<b>LOOK/COLOR</b>	AC Tour Black with Black Hubs
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Titanium QR's   Wheel Bag   Stainless Steel Bearings





## HANDCYCLE

### 650 C

Our good friends, Scott McNeice and Michel Bond, were the inspiration for this wheelset. We were amazed at the limited selection and heavy equipment available to handcyclists and wheelchair athletes. Bill Shook decided to redefine handcycling equipment so that everyone could enjoy improved cycling performance. AC 650C clincher rims are an aerodynamic 30mm deep profile with bladed spokes. Reliable, fast and smooth for accelerating, climbing and maintaining speed. The newly designed titanium bolt is a standard 1/2 x 24 tpi with internally recessed 10mm socket head that closes securely and is easy to take on and off with a 10mm hex key tool. Bolt retracts into the axle for traveling. Modern new graphics and all the lightweight AC technology are an excellent value for handcyclists who deserve more.

<b>DISCIPLINE</b>	Handcycling
<b>RIMS</b>	30mm Aluminum Clincher Rims 650 C
<b>SPOKES</b>	AC Bladed Spokes Black   AC Brass Nipples Silver 24h 2-Cross Front   24h Radial Rear
<b>WEIGHT</b>	FRONT 820gr   REAR 742gr   TRIO 2304gr
<b>HUBS/SPACING</b>	FRONT RD 205 130mm   Front Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11 REAR Handcycle Bolt-On Hubs
<b>LOOK/COLOR</b>	AC Black Roadwave with Black Hubs
<b>QUICK RELEASE</b>	Cromoly QR
<b>UPGRADES</b>	Titanium QR

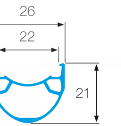
## HANDCYCLE

### CARBON 50 TUBULAR

The sleek Carbon 50 tubulars are for the serious handcyclist in pursuit of blistering speed. They spin up aggressively fast, corner decisively, climb like a mountain goat and roll on smoothly at high-end speed. The mid-v rim depth is stable in cross winds. Bill Shook designed the rim profile to gently curve down to the spoke bed to minimize drag by bringing the air flow back together without turbulence. Impressive aerodynamic features include the 50mm deep rim, bladed spokes and low spoke count. High hub flanges for torsional stability and lateral stiffness. The newly designed titanium bolt is a standard 1/2 x 24 tpi with internally recessed 10mm socket head that closes securely and is easy to take on and off with a 10mm hex key tool. Bolt retracts into the axle for traveling. Handcycle Carbon 50's are for riders in relentless pursuit of athletic achievement.

<b>DISCIPLINE</b>	Handcycling
<b>RIMS</b>	Carbon 50mm Tubular Rims 650 C
<b>SPOKES</b>	AC Bladed Spokes Black   AC Aluminum Nipples Silver 24h 2-Cross Front   24h Radial Rear
<b>WEIGHT</b>	FRONT 726gr   REAR 650gr   TRIO 2026gr
<b>HUBS/SPACING</b>	FRONT RD 205 130mm   Front Spline Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11 REAR Handcycle Bolt-On Hubs
<b>LOOK/COLOR</b>	AC Black Alphas with Black Hubs
<b>QUICK RELEASE</b>	Cromoly QR
<b>UPGRADES</b>	Titanium QR
<b>BRAKE SURFACE</b>	New high TG resin brake surface system Carbon specific brake pads are recommended.





## TCX AND TREKKING

### DISC AND RIM BRAKE

Bikes are a reliable, emissions free way to invigorate yourself for a lifetime of outdoor sport and adventure. Our new economical TCX wheels are the path to improve your commute, get some fresh air or ride on the trails. Most trekking, urban or cyclocross bikes are equipped with heavy wheels making them hard to ride. Our reliable TCX wheels are light, durable, comfortable and quiet. Lightweight wheels roll faster on the flats, accelerate quickly, handle decisively and climb easier with speedy descents.

A new concept for trekking is tubeless technology to resist flat tires. TCX wheels include our proven pre-installed AC tubeless tape and AC valves. Add your favorite tubeless ready clincher tires, pump in sealant and you are ready to go. Bead barb technology

hooks on the tire bead to secure the tires in place without burping. For years, mountain bikers successfully rode the AC tubeless system, and now this convenient innovation is available for trekking.

Bill Shook mathematically engineered his TCX rim design at 26mm wide x 21mm deep for structural stability and to stiffen the wheel. New larger hub bearings for increased durability. Easy to maintain. TCX wheels are built with our finest AC 14/15 gauge spokes and hand finished to perfection. TCX disc wheels are the new choice of cyclocross riders who want tubeless technology and disc hubs at a budget friendly price. Works with tires from 23mm to 2.5. American Classic is fearlessly innovating where others have not ventured.

<b>DISCIPLINE</b>	Trekking   Cyclocross   Urban   Road
<b>RIMS</b>	TCX Tubeless Aluminum Clincher Disc Rims 700c
<b>SPOKES</b>	AC 14 /15 Gauge Spokes Black   AC Brass Nipples Silver 32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>DISC BRAKE:</b> Front 896gr   Rear 999gr   Pair 1895gr <b>RIM BRAKE:</b> Front 865gr   Rear 973gr   Pair 1838gr
<b>HUBS/SPACING</b>	<b>DISC BRAKE:</b> Front Terrain Disc 100mm   Terrain 15mm Thru Axle Disc 100mm   Terrain 9mm Thru Axle Disc 100mm   Rear Terrain Disc 135mm   Terrain 142mm Thru Axle Disc   Terrain 10mm Thru Axle Disc 135mm Spline Shimano/SRAM 9/10
<b>HUBS/SPACING</b>	<b>RIM BRAKE:</b> Front Victory High Flange 100mm Rear Victory 130mm Rear Spline Shimano/SRAM 9/10
<b>BRAKE INTERFACE</b>	<b>DISC BRAKE:</b> 6 Bolt International Standard
<b>LOOK/COLOR</b>	AC Black Galactic with Black Hubs
<b>INCLUDED</b>	AC Tubeless Tape Installed   AC Tubeless Valves
<b>QUICK RELEASE</b>	Cromoly QR
<b>UPGRADES</b>	Titanium QR's   Wheel Bag   Stainless Steel Bearings   Thru Axle QR's

Can be ridden with regular tire and tube.



## WHY **MTB** TUBELESS?

THE NUMBER ONE REASON TO RUN TUBELESS WHEELS IS TO AVOID FLAT TIRES.

Our mountain bikers have been successfully riding and racing AC tubeless wheels for the last few years. Bill Shook is taking tubeless rim technology to the next level. Our tubeless wheels are set up with two AC honey colored tape layers to cover the spoke holes. Next, install tubeless ready clincher tires and pump liquid sealant into the system through our proven AC valves. The liquid sealant replaces the conventional tube. You may ask how our tubeless system works. Bill Shook designed the rim with a bead barb running along the edge of the bead shelf. When installed, the tire firmly pops into position over the bead barb. The tire bead centers and tightly grips the circumference of the rim creating a sealed environment to hold the liquid sealant without burping. The number one reason to run tubeless wheels is to avoid flat tires. The sealant quickly fills and closes small holes in the tire preventing flats caused by rocks, thorns and other trail debris. Pinch flats can not occur because a tube is not needed. Our tubeless system is about speed. It lowers wheel weight at the extreme outer edge of the rim resulting in lower rolling resistance. In a traditional clincher set up, the tire and tube interface moves as the wheel rolls, creating friction and energy loss. With the AC tubeless set up, there is no frictional energy loss between the tire and tube because the tube is gone. Liquid sealant is lighter than a tube. You can ride lighter weight tires with our tubeless system because you don't have to use tires made with heavy, inflexible puncture layers. Overall, our tubeless system is lighter and the wheel will spin up faster with less rider energy output. And the best part is flat tires are past history.



Cecile Ravel  
Team GT Skoda Chamonix

Photo: Manu Molle / arcenciel.fr

## THE **650B** ADVANTAGE

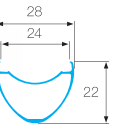
Whether you call it 650B or 27.5, this mountain bike standard is here to stay. American Classic was a believer from the beginning, now introducing our second generation of 650B wheels and rims. Blending the best features of 26" and 29" mountain bikes, the advantages of 650B are legion. 650B riders tout the 29er big wheel advantages of lower rolling resistance and high speed, better traction, improved roll over characteristics and larger contact patch. Smaller like 26", our 650B system is light weight offering quick maneuverability and acceleration, a lower center of gravity and reduced suspension travel limitations. AC new 650B line up is mid-sized excellence achieved.





Cédric Ravanel  
Team GT Skoda Chamonix

Photo: Manu Mollé / arcenciel.fr



## MTB RACE 26 / 650B / 29

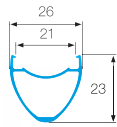
TUBELESS

Thirty years of commitment to research and innovation yielded the world's fastest, most advanced cross country race wheels in 26, 29 and new 650B sizes. Bill Shook designed this unique tubeless race wheel system emphasizing strength, durability and stiffness in a concept Bill calls, "multiplying lightness." These rims are a whopping 28mm wide x 22mm deep. Ride a smaller, lighter tire because it spreads out across the rim without sacrificing traction and handling. Our wide Race rims offer improved ground control because the tire is not floating around. Bead barb technology hooks on the tire bead to secure the tires in place without burping. Lighter 14/16 AC Race Round spokes were specially designed for this hand built wheel system. Dominating at the races this season, our racers prized their speed, quick accelerations, decisive cornering, nimble climbing, speedy descents, and low maintenance. A solid choice for pure speed at full throttle power. When seconds count in the relentless pursuit to win, our MTB Race Tubeless wheels deliver the ultimate technological advantage.



- DISCIPLINE** MTB Cross Country
- RIMS** MTB Race Tubeless Aluminum Disc Rims  
26" / 330gr | 650B / 350gr | 29" / 360gr
- SPOKES** AC Race Round 14 / 16 Gauge Spokes Black | AC Aluminum Nipples Silver | 32h 3-Cross Front and Rear
- WEIGHT 26:** FRONT 625gr | REAR 736gr | PAIR 1361gr
- WEIGHT 650B:** FRONT 662gr | REAR 773gr | PAIR 1435gr
- WEIGHT 29:** FRONT 670gr | REAR 789gr | PAIR 1459gr
- HUBS/SPACING** FRONT: Disc 130 100mm | 15mm Thru Axle Disc 100mm | 9mm Thru Axle Disc 100mm | Lefty Disc 100mm (for 26 and 29 only)  
REAR: Disc 225 135mm | 10mm x 135mm Thru Axle Disc | All Mountain Disc Thru Axle 12mm x 135mm | 142mm Thru Axle Disc
- BRAKE INTERFACE** 6 Bolt International Standard
- LOOK/COLOR** AC Cloud Black with Gray Hubs
- INCLUDED** AC Tubeless MTB Tape Installed | AC Tubeless Valves
- QUICK RELEASE** Cromoly QR's
- UPGRADES** Ceramic Bearings | Titanium QR's | Wheel Bag | Thru Axle QR's  
Can be ridden with regular tire and tube.  
UST Tires are not recommended.





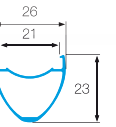
## MTB 26

TUBELESS

Bill Shook's award winning tubeless cross country rim system has proved to be a magical combination of light weight as well as strength, stiffness and control. The tubeless rim is light and at 26mm wide x 23mm deep. It is wider, stiffer and supports the tire better for improved ground control. This translates into quick acceleration, more speed over rolling hills and mountain goat climbing. The wide rim keeps the tire from rolling around resulting in more control while descending. Bead barb technology hooks on the tire bead to help keep the tire in place without burping. Driven by vision and created by hard work, Bill Shook brings innovation to reality to boost your performance racing and training.

Can be ridden with regular tire and tube.

<b>DISCIPLINE</b>	MTB Cross Country
<b>RIMS</b>	MTB Tubeless Aluminum Disc Rims 26"
<b>SPOKES</b>	AC 14/15 Gauge Spokes Black   AC Aluminum Nipples Silver   32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>FRONT</b> 691gr   <b>REAR</b> 795gr   <b>PAIR</b> 1486gr
<b>HUBS/SPACING</b>	<b>FRONT</b> Disc 130 100mm   15mm Thru Axle Disc 100mm Lefty Disc 100mm   9mm Thru Axle Disc 100mm <b>REAR</b> Disc 225 135mm   10mm x 135mm Thru Axle Disc All Mountain Disc Thru Axle 12mm x 135mm 142mm Thru Axle Disc
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>LOOK/COLOR</b>	AC Cloud Black with Gray Hubs
<b>INCLUDED</b>	AC MTB Tubeless Tape Installed   AC Tubeless Valves
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag   Thru Axle QR's



## MTB 29

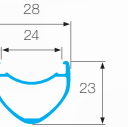
TUBELESS

We have been there since the beginning of 29ers. A new set of light wheels is the key to improved performance of your bike. This is especially true for cross country riding and racing on 29ers, where riders search for more acceleration on climbs, speedy descents, decisive handling and faster rolling on the flat. Bill Shook dialed in this concept with the design of the tubeless 26mm wide x 23mm deep rim which is wider, stiffer and supports the tire better for more ground control. Bead barb technology hooks on the tire bead to help keep the tire in place without burping. Riders seek American Classic for the best 29ers out there to turn a good day of riding into a great day.

Can be ridden with regular tire and tube.

<b>DISCIPLINE</b>	MTB Cross Country
<b>RIMS</b>	MTB Tubeless Aluminum Disc Rims 29"
<b>SPOKES</b>	AC 14 / 15 Gauge Spokes Black   AC Aluminum Nipples Silver   32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>FRONT</b> 748gr   <b>REAR</b> 852gr   <b>PAIR</b> 1600gr
<b>HUBS/SPACING</b>	<b>FRONT</b> Disc 130 100mm   15mm Thru Axle Disc 100mm Lefty Disc 100mm   9mm Thru Axle Disc 100mm <b>REAR</b> Disc 225 135mm   10mm x 135mm Thru Axle Disc All Mountain Disc Thru Axle 12mm x 135mm 142mm Thru Axle Disc
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>LOOK/COLOR</b>	AC Cloud Black with Gray Hubs
<b>INCLUDED</b>	AC MTB Tubeless Tape Installed   AC Tubeless Valves
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag   Thru Axle QR's





## ALL MOUNTAIN 26 / 650B / 29

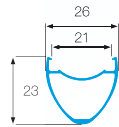
TUBELESS

The All Mountain Tubeless Disc wheelset is the stronger, work-horse version of our proven cross country tubeless wheels in 26, 29 and new 650B. Bill Shook applied his signature tubeless design to our tougher, roll over everything All Mountains. All Mountain rims are super wide at 28mm wide x 23mm deep to stiffen the tire and wheel-ground response and to handle the extra duty of free riding. They withstand the tortures of high speeds, reaccelerating, drops and downhills without compromising nimble handling. Light enough for accelerating, quick handling and firm control. Our stiff front axle systems resist fork flex. Bead barb technology hooks on the tire bead to help keep the tire in place without burping. Many choices of disc hubs to dial in your equipment needs. Experience controlled, confident free riding for riders obsessed with pushing the limits.

Can be ridden with regular tire and tube.

<b>DISCIPLINE</b>	All Mountain   MTB Cross Country
<b>RIMS</b>	All Mountain Tubeless Aluminum Disc Rims 26" / 650B / 29"
<b>SPOKES</b>	AC 14/15 Gauge Spokes Black   AC Aluminum Nipples Silver 32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>26":</b> FRONT 750gr   REAR 858gr   PAIR 1608gr <b>650B:</b> FRONT 784gr   REAR 889gr   PAIR 1673gr <b>29":</b> FRONT 822gr   REAR 930gr   PAIR 1752gr
<b>HUBS/SPACING</b>	<b>FRONT</b> Disc 130 100mm   15mm Thru Axle Disc 100mm 9mm Thru Axle Disc 100mm   20mm Thru Axle Disc 110mm <b>REAR</b> Disc 225 135mm   10mm x 135mm Thru Axle Disc All Mountain Disc Thru Axle 12mm x 135mm 142mm Thru Axle Disc
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>LOOK/COLOR</b>	AC Cloud Black with Gray Hubs
<b>INCLUDED</b>	AC MTB Tubeless Tape Installed   AC Tubeless Valves
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag Thru Axle QR's





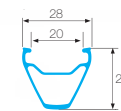
## MTB 29 TUBELESS

### SINGLE SPEED

Our 29er single speed wheels are about cross country drivetrain efficiency, lower rotational mass and mechanical simplicity. The single speed hub flange spacing allows for optimal wheel dishing and triangulation building an inherently stronger wheel. The tubeless 29" rim is light and at 26mm wide x 23mm deep, it is wider, stiffer and supports the tire for improved ground control and handling. Lighter weight and stiffness translate into quick acceleration, speed over rolling hills and mountain goat climbing. Bead barb technology hooks on the tire bead to help keep the tire in place without burping. Standard cassette lock ring lets you run up to 5 gears from a Shimano/SRAM cassette to turn the hub into a multispeed system. Each pawl has double tips for 12 points of engagement to work in conjunction with the 24 ratchet teeth. Our single speed wheels are AC best technology delivered at the bare elements to keep your momentum flowing on the trail.

Can be ridden with regular tire and tube.

<b>DISCIPLINE</b>	MTB Cross Country
<b>RIMS</b>	MTB Tubeless Aluminum Disc Rim 29"
<b>SPOKES</b>	AC 14/15 Gauge Spokes Black   AC Aluminum Nipples Silver 32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>FRONT</b> 748gr   <b>REAR</b> 852gr   <b>PAIR</b> 1600gr
<b>HUBS/SPACING</b>	<b>FRONT</b> Disc 130 100mm   15mm Thru Axle Disc 100mm 9mm Thru Axle Disc 100mm <b>REAR</b> Single Speed Disc 135mm Single Speed Disc 10mm x 135mm Thru Axle
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>LOOK/COLOR</b>	AC Cloud Black with Black Hubs
<b>INCLUDED</b>	AC Tubeless MTB Tape Installed   AC Tubeless Valves Lock Ring   18 Tooth Cog   Spacers
<b>QUICK RELEASE</b>	Cromoly QR's or 8mm Socket Head Bolts
<b>UPGRADES</b>	Ceramic Bearings   Titanium QR's   Wheel Bag Thru Axle QR's



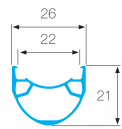
## DOWNHILL 26

### DISC

Our Downhill wheels are designed to take a beating and remain stable at high speeds over technical, rough terrain. Our test riders approved this wheelset after weeks of extreme racing and training. The wheels are reasonably light, without compromising strength, for improved handling especially when maneuvering the bike in the air. Proven stout 28mm wide x 25mm deep Downhill rims stiffen the tire and wheel-ground response. The set-up is burly. Our 20mm Thru Axle Disc front hub with big 6805 Stainless Steel bearings are stiff to resist fork flex. The hub flanges of the 150mm wide Downhill Disc rear hub with 12mm thru axle are spread very far apart for optimal triangulation to build a solid wheel. Take every advantage with confidence.

<b>DISCIPLINE</b>	Downhill
<b>RIMS</b>	Downhill 28mm Wide Aluminum Disc Rims 26"
<b>SPOKES</b>	AC 14/15 Gauge Spokes Black   AC Aluminum Nipples Silver   32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>FRONT</b> 986gr   <b>REAR</b> 1021gr   <b>PAIR</b> 2007gr
<b>HUBS/SPACING</b>	<b>FRONT</b> 20mm Thru Axle 110mm <b>REAR</b> Downhill Disc 150 150mm
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>LOOK/COLOR</b>	AC Cloud Black with Gray Hubs
<b>UPGRADES</b>	Wheel Bag





## TERRAIN 26 / 650B / 29

### TUBELESS

More and more mountain bike riders were calling for all the excellent AC technology at a mid-range price point. Proven in 26 and 29 size, new to the line up is the Terrain 650B tubeless. Enthusiasts are impressed with the Terrain's increased accelerations on climbs, speedy descents, decisive handling and faster rolling on the flats. Bill Shook's rim design is fine-tuned at 26mm wide to stiffen the wheel enhancing strength. A top choice for larger athletes without compromising performance. Economical Terrain is designed to be tubeless for racing and training, and includes our proven pre-installed AC tubeless tape and AC valves. Add your favorite tubeless tires, pump in sealant and you are ready to go. Bead barb technology hooks on the tire bead to secure the tires in place without burping. Newly improved larger hub bearings for increased durability. A top choice for larger athletes without compromising performance, speed, fast spin up and nimble handling. Terrains are built with our finest AC 14/15 gauge spokes and hand finished to perfection. Terrain is a classic all-around performer to carry you to the win.

<b>DISCIPLINE</b>	MTB Cross Country
<b>RIMS</b>	Terrain Tubeless Aluminum Disc Rims 26"
<b>SPOKES</b>	AC 14 /15 Gauge Spokes Black   AC Brass Nipples Silver 32h 3-Cross Front and Rear
<b>WEIGHT</b>	<b>26":</b> FRONT 839gr   REAR 943gr   PAIR 1782gr <b>650B:</b> FRONT 868gr   REAR 977gr   PAIR 1845gr <b>29":</b> FRONT 896gr   REAR 999gr   PAIR 1895gr
<b>HUBS/SPACING</b>	<b>FRONT</b> Terrain Disc 100mm   Terrain 15mm Thru Axle Disc 100mm   Terrain 9mm Thru Axle Disc 100mm   Terrain 20mm Thru Axle Disc 110mm <b>REAR</b> Terrain Disc 135mm   Terrain 10mm x 135mm Thru Axle Disc   Terrain 142mm Thru Axle Disc
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>LOOK/COLOR</b>	AC Cloud Black with Black Hubs
<b>INCLUDED</b>	AC MTB Tubeless Tape Installed   AC Tubeless Valves
<b>QUICK RELEASE</b>	Cromoly QR's
<b>UPGRADES</b>	Titanium QR's   Wheel Bag   Stainless Steel Bearings Thru Axle QR's

Can be ridden with regular tire and tube.





## SEASON 2013

»We design our products down to the smallest details to optimize our product line and improve your enjoyment on the bike. We don't settle for what's available on the market. It is our efforts to make better components that boost the ride quality and reliability of your wheels.«

Bill Shook | President



## STEEL FACE

### CASSETTE BODY

Bill Shook's strong suit is finding answers to industry wide problems. Aluminum cassette bodies are damaged by the individual cassette cogs, and from loose fitting shimano cassettes. Bill Shook's ingenious answer is his latest patent applied design, the steel faced cassette body. All our shimano style cassette bodies are now equipped with the proven steel face on the splines so that the body will not be damaged by the cassette. Each steel insert is securely dovetailed in place by hand with Bill's specially designed insert tooling. Steel is harder than aluminum which protects the softer aluminum from being gouged by the cassette. You get the best of both worlds, a light weight aluminum body with the protection of a steel surface. The steel faced cassette will prolong the life of your American Classic hub and make changing cassettes easier. A brilliantly simple solution to an annoying problem. It is Bill Shook's attention to detail that make American Classic's wheels better than the rest.

»Bill Shook came up with a brilliant idea to add a couple of steel inserts on the splines, so that the tougher steel can take the abuse, and you still get the lightweight of the mostly aluminum cassette body. The steel face design is very innovative, and will not only increase the longevity of the cassette body, but it will keep the tolerances tight with better drivetrain performance.«

Brian Mullin | MTBR.com



## SIX PNL

### CAM ACTUATED ENGAGEMENT SYSTEM

One of Bill Shook's most important designs is his patented Six Pawl Cam Actuated Engagement System found in our hubs. All six oversized pawls engage in unison whenever drive torque is applied. No other multiple pawl system on the market can ensure that all pawls are engaged at the same time. The cam plate powers the pawls into engagement simultaneously. There are new expanded cupped engagement pockets in the cam plate for improved contact. The secondary ratchet system does the coasting quietly and forces engagement of the large pawls only for drive torque transfer. The cassette body has 24 ratchet teeth for quick engagement with the pawls. Each pawl is made from super strong tool steel and has double tips for 12 points of engagement to work in conjunction with the 24 ratchet teeth. The one piece forged 7075 aluminum cassette body is hard anodized and is topped with Bill's latest steel face body design.

»Another new trick bit are that the pawls in AC's new hub have twice the contact points of most hubs...that each pawl doubles up its teeth. That's a 12 contact point engagement with 6 pawls, making for 3-4 times the contact points as most hubs...«

Charles Manatan | PezCyclingNews.com



## MICRO 58

### FRONT

This minimalist front hub design is time tested and built to last. Bill Shook dialed in the strength to weight ratio producing a sleek, durable design at only 58 grams. The one piece forged hub shell has widely spaced bearings placed close to the point of loading at the fork ends. The improved hub flanges are a beefy 3.5mm thick, engineered to conquer the stresses of radial lacing. When built into a wheel, the minimal, aerodynamic profile reduces wind resistance. Now with screw-in end caps. The Micro 58 is the perfect start to a high end front wheel.



- DISCIPLINE** Road | Trekking | Triathlon | Cyclocross
- WEIGHT** 58gr
- DRILLING** 18 | 20 | 24 | 28
- SPACING** 100mm
- BEARINGS** 688 Stainless Steel  
Ceramic Upgrade available
- INCLUDED** Cromoly QR | Ti QR Upgrade available

## 105 FRONT

### FRONT

The 105 front hub is a workhorse. Bill Shook achieved the goal of a front hub with a large 17mm axle and stout 17mm stainless steel bearings. Stiff and strong with big 3.5mm thick high flanges and the hub is only 105 grams. High hub flanges strengthen the wheel. The hub shell is forged out of one piece of aluminum. The flange cut-outs give the 105 a retro look. Patented bearing sleeve technology for easy adjustability and improved bearing life. Double seal system to keep grit and dirt out of the bearings. This proven design will last for years to come.



- DISCIPLINE** Road | Trekking | Mountain | Cyclocross
- WEIGHT** 105gr
- DRILLING** 32
- SPACING** 100mm
- BEARINGS** 6803C3 Stainless Steel  
Ceramic Upgrade available
- INCLUDED** Cromoly QR | Ti QR Upgrade available

## RD 205

### REAR

Bill Shook designed the RD 205 hub to achieve four goals, stiff, strong, light and reliable. At 205 grams, it is one of the lightest, quiet riding hubs on the market. The large diameter 17mm axle is stiff and maintains proper bearing alignment under all riding conditions. The flange spacing was designed for optimal dishing. The hub shell supports the bearings as wide as possible for maximum leverage to reduce the load on the bearing and stiffen the hub. The 19mm diameter drive side end cap is made of serrated steel for better grip on the frame. Adjustable bearings and patented sleeve technology for ease of adjustment and improved bearing life. Every part of the RD 205 has been engineered and thoroughly tested for fast, reliable racing and riding.



- DISCIPLINE** Road | Trekking | Triathlon | Cyclocross
- WEIGHT** 205gr
- DRILLING** 24 | 28 | 32
- SPACING** 130mm
- BEARINGS** 6803C3 Stainless Steel | Ceramic Upgrade available
- SPLINE** Shimano/SRAM 9/10, Shimano 11 or Campagnolo 9/10/11
- INCLUDED** Cromoly QR | Ti QR Upgrade available

## TRACK

### FRONT

The design of the Track Front Hub is meant to be strong and lightweight at the same time. 17mm oversized axle for stiffness while sprinting. Stout 17mm bearings and patented bearing sleeves for easy adjustability and improved bearing life. Strong track quality bolts are 3/8" x 24 Tpi and work with an easy to use 8mm allen key socket head. End cap contact points are large diameter serrated steel to keep the wheel from slipping. Thick 3.5mm wide flanges for strength. High flanges give it a retro look and strengthen the wheel.



- DISCIPLINE** Track | Road
- WEIGHT** 105gr
- DRILLING** 18
- SPACING** 100mm
- BEARINGS** 6803C3 Stainless Steel  
Ceramic Upgrade available
- INCLUDED** Shook Integrated Bolt System

## TRACK

### REAR

The Track Rear hub was designed by Bill Shook to be both strong and lightweight to survive the tortures of track and fixed gear riding. The 17mm axle is oversized for stiffness while sprinting. Stout 17mm bearings and patented bearing sleeves for easy adjustability and improved bearing life. Strong track quality bolts are 3/8" x 24 Tpi and work with an easy to use 8mm allen key socket head. Because track wheels are repeatedly taken on and off the bike, the improved threads are steel on steel for long life. End cap contact points are large diameter serrated steel to keep the wheel from slipping. Thick 3.5mm wide flanges for strength. High flanges give it a retro look and strengthen the wheel.



- DISCIPLINE** Track | Road
- WEIGHT** 180gr
- DRILLING** 24
- SPACING** 120mm
- BEARINGS** 6803C3 Stainless Steel  
Ceramic Upgrade available
- INCLUDED** Shook Integrated Bolt System | Lock Ring  
This is not a "Flip-Flop" or "Fixed-Free" hub

## MTB 210 REAR

### REAR

At 210 grams, it is one of the lightest hubs on the market. The MTB 210 contains the strong, patented 6 pawl cam actuated engagement system. The flange spacing was designed for optimal dishing which is the balance point between wheel triangulation, spoke tension and lateral stiffness. The hub shell supports the bearings as wide as possible for maximum leverage, reducing the load on the bearing and making the hub stiffer. Bearing bores are precision crafted and tested so that they are truly round and straight. Adjustable bearings and patented sleeve technology for ease of adjustment and improved bearing life. Every part of this hub has been engineered and thoroughly tested.



- DISCIPLINE** Mountain | Road 135mm Applications
- WEIGHT** 210 gr
- DRILLING** 32
- SPACING** 135mm
- BEARINGS** 6803C3 Stainless Steel  
Ceramic Upgrade available
- INCLUDED** Cromoly QR | Titanium QR Upgrade available



## LEFTY DISC

### FRONT

Customers asked for a smooth riding, light weight Lefty hub to work in conjunction with the minimalist Lefty fork system. Bill Shook designed our new Lefty hub to roll on decisively at high speeds. Engineered to take a pounding for racing and training. The axle is stiff and compliments the precision bearing bore alignment. High strength flanges to balance spoke tension. This is one tough performance hub made for the competitive rider determined to realize maximum riding potential.



<b>DISCIPLINE</b>	Cross Country
<b>WEIGHT</b>	132gr
<b>DRILLING</b>	32
<b>BEARINGS</b>	6805 Fork Side and 6902 Stainless Steel
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>INCLUDED</b>	Aluminum Cap and Steel Bolt for Lefty



## 15MM THRU AXLE DISC

### FRONT

On the leading edge of the new 15mm technology, Bill Shook created one of the first high performance 15mm thru axle hubs on the market. Our proven 15mm Thru Axle Disc Front hub is the balance between strength and stiffness to survive the torture of serious mountain biking, and lightness for improved handling. Big 17mm front axle and 17mm bearings resist fork flex. The hub shell is forged out of one solid piece of aluminum. Built-in stand offs on the disc mounts allow the rotor to mount flat and prevent warping while tightening. 3.5mm thick flanges for added strength. Stout 17mm bearings and patented bearing sleeves for easy adjustability and improved bearing life. Double seal system to keep grit and dirt out of the bearings. The 15mm Thru Axle Front hub has been thoroughly tested and carefully engineered to produce a hub that is built to last.

<b>DISCIPLINE</b>	Cross Country   All Mountain
<b>WEIGHT</b>	116gr
<b>DRILLING</b>	32
<b>SPACING</b>	15mm x 100mm Thru Axle
<b>BEARINGS</b>	6803C3 Stainless Steel Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard

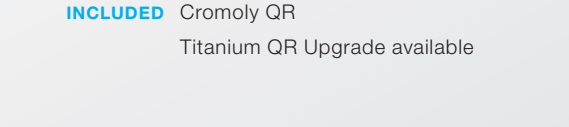


## DISC 130

### FRONT

One of the lightest disc specific front hubs around without sacrificing stiffness and durability. Large 17mm front axle and stout 17mm stainless steel bearings resist fork flex. The hub shell is forged out of one solid piece of aluminum. Built-in stand offs on the disc mounts allow the rotor to mount flat and prevent warping while tightening. 3.5mm thick flanges for added strength. Patented bearing sleeve technology for easy adjustability and improved bearing life. Serrated steel end caps to securely grip the fork. Double seal system to keep grit and dirt out of the bearings. The 130 has been thoroughly tested and carefully engineered to produce a front disc hub that is built to last.

<b>DISCIPLINE</b>	Mountain   Cross Country
<b>WEIGHT</b>	130 gr
<b>DRILLING</b>	32
<b>SPACING</b>	100mm
<b>BEARINGS</b>	6803C3 Stainless Steel Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>INCLUDED</b>	Cromoly QR Titanium QR Upgrade available



## 9MM THRU AXLE DISC

### FRONT

Our new 9mm Thru Axle hub is the lightweight way to stiffen the front end of a mountain bike on an existing QR fork. The internals and large diameter axle are built strong to center the wheel in the fork without fishing for adjustment. The hub shell is forged from one solid piece of aluminum. 3.5mm thick flanges for strength and stiffness. Patented sleeve technology and stainless bearings for adjustability and improved bearing life. Double seal system to keep the dirt out. Improved performance through intelligent design.



<b>DISCIPLINE</b>	Cross Country   All Mountain
<b>WEIGHT</b>	122gr
<b>DRILLING</b>	32
<b>SPACING</b>	9mm x 100mm Thru Axle
<b>BEARINGS</b>	6803C3 Stainless Bearings Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>UPGRADE</b>	9mm Thru Axle Quick Release



## 20MM THRU AXLE DISC

### FRONT

Our proven 20mm Thru Axle hub is the balance between strength to survive the torture of serious extreme riding, and lightness for improved handling. It has a beefy 25mm axle in addition to the 20mm thru axle, making it extra stiff and strong to resist fork flex. Now with new large double sealed stainless steel bearings. The 20mm Thru Axle hub uses the patented sleeve technology and adjustable bearings to improve bearing life and performance. Burly 30mm adjuster nut and strong thick flanges. This hub has been thoroughly tested and carefully engineered to withstand it all.

<b>DISCIPLINE</b>	All Mountain   Downhill
<b>WEIGHT</b>	216gr
<b>DRILLING</b>	32
<b>SPACING</b>	20mm x 110mm Thru Axle
<b>BEARINGS</b>	New 6805 Stainless Steel
<b>BRAKE INTERFACE</b>	6 Bolt International Standard

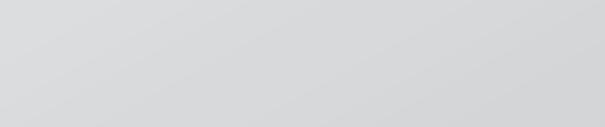


## HANDCYCLE

### BOLT-ON HUB

The first product in our line of handcycle products, Bill Shook designed a light weight bolt-on hub for improved riding performance. This hub is about a smooth ride, fast accelerations and maintaining speed. The newly designed titanium bolt is a standard 1/2 x 24 tpi with internally recessed 10mm socket head that closes securely and is easy to take on and off with a 10mm hex key tool. Bolt retracts into the axle for traveling. Large 17mm axle and stout 17mm stainless steel bearings. Stiff and strong with big 3.5mm thick high flanges. Sealed system to keep dirt out of the bearings. Easy maintenance. Slim looking high flange cut outs top off this upgrade to your bike.

<b>DISCIPLINE</b>	Handcycling
<b>WEIGHT</b>	141gr
<b>DRILLING</b>	24h
<b>SPACING</b>	100mm
<b>BEARINGS</b>	6803C3 Stainless Steel





## DISC 225

### REAR

The time proven, quiet riding Disc 225 hub is stiff, strong, light and reliable. The strong, patented 6 pawl cam actuated engagement system handles the constant re-accelerations of XC. The large diameter 17mm axle is stiff. The big 19mm diameter serrated steel drive side end cap grips the frame. The flange spacing was designed for optimal dishing which is the balance point between wheel triangulation, spoke tension and lateral stiffness. Built-in stand offs on the disc mounts allow the rotor to mount flat and prevent warping while tightening. The hub shell supports the bearings as wide as possible for maximum leverage, to reduce the load on the bearings and stiffen the hub.



<b>DISCIPLINE</b>	Mountain   Cross Country
<b>WEIGHT</b>	225gr
<b>DRILLING</b>	32
<b>SPACING</b>	135mm
<b>BEARINGS</b>	6803C3 Stainless Steel Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>INCLUDED</b>	Cromoly QR   Ti QR Upgrade available

## 142MM THRU AXLE DISC

### REAR

12mm x 142mm is an up and coming thru axle standard for rear triangle stiffness and strength. Our new quiet riding 6 pawl cam actuated 142mm hub is the perfect complement to the 142mm system, as it is light and strong. The 17mm oversized axle diameter stiffens the long 142mm axle. Similar to a front fork, the system's dropouts nest on the long, smooth hub axle extensions. Wheel changes are easy because the hole in the dropout lines up exactly with the hub for easy insertion of the thru axle. Bill Shook designed the hub to conform to the system's specifications. The flange spacing was designed for optimal dishing which is the balance point between wheel triangulation, spoke tension and lateral stiffness. Adjustable bearings and patented sleeve technology for ease of adjustment and improved bearing life.



<b>DISCIPLINE</b>	Cross Country   All Mountain
<b>WEIGHT</b>	223gr
<b>DRILLING</b>	32
<b>SPACING</b>	12mm x 142mm Thru Axle
<b>BEARINGS</b>	6803C3 Stainless Steel Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard

## 10MM THRU AXLE DISC

### REAR

Our 10mm Thru Axle hub is the lightweight centerpiece of the system created to stiffen the rear of a mountain bike without an unwieldy, heavy bolt. The thru axle internals are beefy with knurled steel end caps to center the rear hub in the frame drop out without fishing for adjustment. It's easy to change the wheel. The strong, quiet riding 6-pawl cam actuated engagement mechanism is built to survive the tortures of serious mtb racing. The flange spacing was designed for optimal dishing which is the balance point between wheel triangulation, spoke tension and lateral stiffness. Adjustable bearings and patented sleeve technology for ease of adjustment and improved bearing life. Every part of this hub has been engineered and thoroughly tested.



<b>DISCIPLINE</b>	Cross Country   All Mountain
<b>WEIGHT</b>	223gr
<b>DRILLING</b>	32
<b>SPACING</b>	10mm x 135mm Thru Axle
<b>BEARINGS</b>	6803C3 Stainless Steel   Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>UPGRADE</b>	10mm Thru Axle Quick Release

## SINGLE SPEED

### REAR

The quiet riding Single Speed Disc hub is functional, easy to maintain and strong. At 244 grams, it is one of the lightest cross country hubs on the market. The specially designed shortened cassette body is paired with mix and match spacers for maximum chain line adjustability. Standard cassette lock ring lets you run up to 5 gears from a Shimano / SRAM cassette to turn the hub into a multispeed system. The flange spacing was designed for optimal dishing which is the balance point between wheel triangulation, spoke tension and lateral stiffness. Each pawl has double tips for 12 points of engagement to work in conjunction with the 24 ratchet teeth.



<b>DISCIPLINE</b>	Cross Country
<b>WEIGHT</b>	244gr
<b>DRILLING</b>	32
<b>SPACING</b>	135mm
<b>BEARINGS</b>	6803C3 Stainless Steel Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard
<b>INCLUDED</b>	Cromoly QR or 8mm Socket Head Bolts Lock Ring   18 Tooth Cog   Spacers Not a trials hub

## DOWNHILL DISC

### REAR

The Downhill hub pairs a 12mm thru axle and wide 150mm spacing for high speed riding and racing. The strong, patented 6 pawl cam actuated engagement system handles constant pounding. The 12mm thru axle acts as a second axle making the rear end of the bike stiffer. Bill Shook's design spreads the hub flanges very far apart, for optimal triangulation to build a solid wheel. The hub shell supports the bearings as wide as possible for maximum leverage and stiffness. The big 19mm diameter serrated steel drive side end cap grips the frame. Adjustable bearings and patented sleeve technology for improved bearing life.



<b>DISCIPLINE</b>	Downhill
<b>WEIGHT</b>	236gr
<b>DRILLING</b>	32
<b>SPACING</b>	12mm x 150mm Thru Axle
<b>BEARINGS</b>	6803C3 Stainless Steel Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard

## ALL MOUNTAIN THRU AXLE DISC

### REAR

The All Mountain Disc hub achieves four goals, stiff, strong, light and reliable for the rigors of free riding. It is one of the lightest 12mm x 135mm thru axle hubs on the market. The strong, quiet riding patented 6 pawl cam actuated engagement system is appropriate for constant re-accelerations and extreme riding. The large diameter 17mm axle is stiff and maintains proper bearing alignment. Bearing bores are precision crafted to be truly round and straight. The flange spacing was designed for optimal dishing which is the balance point between wheel triangulation, spoke tension and lateral stiffness. Adjustable bearings and patented sleeve technology for ease of adjustment and improved bearing life.

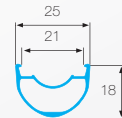


<b>DISCIPLINE</b>	All Mountain   Cross Country
<b>WEIGHT</b>	223gr
<b>DRILLING</b>	32
<b>SPACING</b>	12mm x 135mm Thru Axle
<b>BEARINGS</b>	6803C3 Stainless Steel   Ceramic Upgrade available
<b>BRAKE INTERFACE</b>	6 Bolt International Standard



*“Bill Shook speaks slowly, deliberately – the hallmark of a meticulous engineer who lives by a few key rules when designing wheels, hubs and components: Make them durable, strong and light. And if those parts are aerodynamic and attractive, so much the better. That formula has made American Classic – a small but influential builder – a leader when it comes to high-end components.”*

**Marc Sani | Bicycle Retailer & Industry News**



## 101 RIMS 26 / 650B / 29

TUBELESS DISC RIMS

Many of our customers asked us for rims because to them, there is something personal in crafting their own wheels. Bill Shook responded to this call with the new high end AC rim line. Our initial focus is on performance tubeless mtb rims because of the demand for high quality, wide, lightweight tubeless rims for competition and training. With use of engineering, Bill created a 25mm wide rim profile in a high strength aluminum alloy that blends lightness with robustness. The rims use our proven bead barb technology to hook on the tire bead to help keep the tire in place without burping. Rims are hand joined and sleeved at our AC facility to assure roundness and uniform strength. After finishing, our AC rims are inspected by real people who carefully gauge and examine them to match our quality spec. The result is the highest quality rims that build up well, hold speed and handle decisively on the trails. 101's are better than any other rim out there.

<b>DISCIPLINE</b>	MTB Cross Country
<b>WEIGHT</b>	26" 329 gr   650B 357 gr   29" 381 gr
<b>DRILLING</b>	32
<b>ERD</b>	26" 537   650B 562   29" 600
<b>COLOR</b>	Black Anodized



## AC SPOKE NIPPLES

ROAD | TREKKING | TRIATHLON | CYCLOCROSS | MOUNTAIN

Standard Aluminum spoke nipples have a deserved reputation of breaking due to fatigue after about one year. Bill Shook identified the cause of this problem and originated the design of the durable, long lasting AC aluminum nipples. Bill likes aluminum as a material for spoke nipples because it is six times lighter than brass thus reducing rotational weight. The threads in the head of the AC nipple are loaded in compression. The body of the AC nipple is not loaded in tension. There is no stress concentration of loads at the junction of the AC nipple head and body, which is the place where the competitor's nipples fatigue and eventually break. As a rider, the time tested AC spoke nipples mean better durability for your wheels and increased performance from the reduced rotational weight at the rim, the place it counts most.



## AC BEARINGS

ROAD | TREKKING | TRIATHLON | CYCLOCROSS | MOUNTAIN

Bill Shook went to great lengths to select the finest bearings for American Classic's product line. He designed adjustable bearings in our hubs so you can dial in your bearings for increased precision. The purpose of adjustability is to extend the life of your bearings, and reduce friction and rolling resistance to boost performance. All our bearings have been time tested on our wheel testing machines for durability, strength, smoothness, and precision fit in the bearing bores. Our hubs come standard with either 688, 6803C3 or 6805 fully sealed 440C Stainless Steel cartridge bearings. They have stood the test of time working reliably in our hubs for years. Bill Shook selected our 440C Stainless Steel bearings to resist moisture, corrosion and abrasion, and for their suitability for high speeds. Some of our new hubs are running 6902 52100 Chrome Steel bearings. He analyzed the load capacity and determined these bearings would meet his design goals of strength, performance and durability. The 52100 Chrome Steel bearings are big and made to last. All bearings contain water resistant, corrosion inhibiting grease.

### CERAMIC BALL BEARINGS

Ceramic ball bearings have greater hardness than steel ball bearings which results in longer ball life. Ceramic balls have a smoother surface finish than steel balls which means less friction when your wheel is spinning and this translates into increased performance. Ceramic bearings require less lubrication and exhibit less lubrication degeneration, which results in increased bearing life. Our fully sealed Ceramic cartridge bearings are ABEC-5 and use Silicon Nitride (Si3N4) ceramic balls with 440C stainless steel races. The Ceramic bearings produce an unparalleled ride feel in terms of smoothness, quickness and effortless rolling. Ceramic Bearings can be installed in new wheelsets or ordered as kits. The Road Ceramic Bearing Kit contains 2-688 and 4-6803C3 Ceramic Bearings. The MTB Ceramic Bearing Kit contains 6-6803C3 Ceramic Bearings. Look for the yellow seals signifying American Classic's top quality Ceramic bearings.





## RETROFIT THRU AXLE CONVERSION KITS

ROAD | MOUNTAIN

### MTB FRONT HUBS:

#### DISC 130 - Can be converted between:

- STANDARD QR
- 15MM THRU AXLE
- 9MM THRU AXLE QUICK RELEASE

#### 105 FRONT

No Conversions are available for the 105 Front

#### 20MM THRU AXLE DISC

No Conversions are available for the 20mm Thru Axle Disc

#### TERRAIN FRONT DISC - Can be converted between:

- STANDARD QR
- 15MM THRU AXLE
- 9MM THRU AXLE QUICK RELEASE

#### TERRAIN 20MM THRU AXLE DISC

No Conversions are available for the Terrain 20mm Thru Axle Disc

#### LEFTY DISC

No Conversions are available for the Lefty Disc

### MTB REAR HUBS:

#### DISC 225 - Can be converted between:

- STANDARD QR
- 10MM X 135MM THRU AXLE
- 12MM X 135MM THRU AXLE
- 12MM X 142MM THRU AXLE

#### TERRAIN REAR DISC - Can be converted between:

- STANDARD QR
- 10MM X 135MM THRU AXLE
- 12MM X 142MM THRU AXLE

#### SINGLE SPEED DISC - Can be converted between:

- STANDARD QR
- BOLT-ON
- 10MM X 135MM THRU AXLE

#### DOWNHILL DISC

No Conversions are available for the Downhill Disc

Thru Axle QRs are not included with kits and are available for individual purchase. Standard QR kits include a cromoly QR. Old Disc 130 and old Disc 225 hubs with 15267 bearings cannot be converted to any thru axle standards. The above kits only work on American Classic hubs. Kits contain the necessary parts required to make the swap.



## TUBELESS TAPE

ROAD | MOUNTAIN

Bill Shook carefully selected proprietary polymer materials for our tubeless tape. The tape is light weight, durable and sticks well. The honey colored AC MTB Tubeless Tape is meant to be installed on each wheel 2 times around and the roll contains enough tape for a pair of 29ers. AC Road Tubeless kit comes with a special 10mm wide fiber base layer tape wrapped 1 time around and outer layer honey colored tape to be wrapped 2 times around. The valve hole is formed with either a soldering iron or sharp knife.



#### ROAD TUBELESS

- 10mm base layer, 22mm wide outer layer
- 5M AC Road Kit wraps 2 wheels, 1 base layer and outer layer 2 times around - 700c
- 50M AC Road Shop Kit wraps 12 wheels, 1 base layer and outer layer 2 times around - 700c

#### MTB TUBELESS

- 25mm wide
- 5M AC MTB Roll wraps 2 wheels, 2 times around - 29"
- 50M AC Shop Roll wraps 12 wheels, 2 times around - 29"

#### ALL MOUNTAIN TUBELESS

- 28mm wide
- 5M AC MTB Roll wraps 2 wheels, 2 times around - 29"
- 50M AC Shop Roll wraps 12 wheels, 2 times around - 29"

## TUBELESS VALVES

ROAD | MOUNTAIN

We are taking tubeless valves to the next level. Bill Shook designed the aluminum presta tubeless valves with a revolutionary fat o-ring to contour the rim surface for an air tight seal. The valve core is removable for installing sealant. The smooth inner valve surface and rounded wide base makes sealant easy to insert into the tire. Hand tighten the valve core in place. 36mm or new 46mm long, red anodized color, packed in pairs. When you see a red valve, you know it's AC.

- LENGTH** 36mm, 46mm
- WEIGHT** Pair 6gr 36mm, Pair 8gr 46mm
- COLOR** Red Anodized





## AC SPOKES

ROAD | TREKKING | TRIATHLON | CYCLOCROSS | MOUNTAIN

Bill Shook wanted to have better spokes than those on the market. American Classic spokes are designed to have a stronger thread and elbow and a lighter middle section. We specially make spokes for each wheel build to the specific lengths needed with uniform butted parts. The uniformity of the AC spokes strengthens our wheel builds and makes the finished product look professional. Look for our authentic AC spoke logo on the spoke head.

For 2013, Bill Shook specified two new spokes for the AC line, the AC Race Round for the MTB Race Wheels and AC Race Bladed Spokes for the Magnesium and Road Tubeless Wheels. They are 14/16 gauge drawn double butted spokes designed to be light and share the load on these new special wheel systems.

### SANDVIK STAINLESS STEEL

Bill Shook wanted the finest stainless steel spoke material for the AC spokes. He determined Sandvik's leading metallurgy, inclusion and trace-element technology produced stainless steel with optimum and consistent properties.

### QUALITY CONTROL

By making our own spokes, we have tighter quality control over them than our competitors who buy the spokes off the rack. The spokes are torture tested on our wheel machines and viewed through our high powered microscope. Consistently high quality spokes mean better performance and durability of your wheels.

### J-BEND SPOKES

Bill Shook does not believe in gimmicks like straight pull spokes or fragile carbon fiber spokes. Bill explains that your wheel is your bike's suspension system. The J-bend of your spoke acts as a hinge point reducing the concentration of stress on your spokes leading to premature fatigue and breakage.

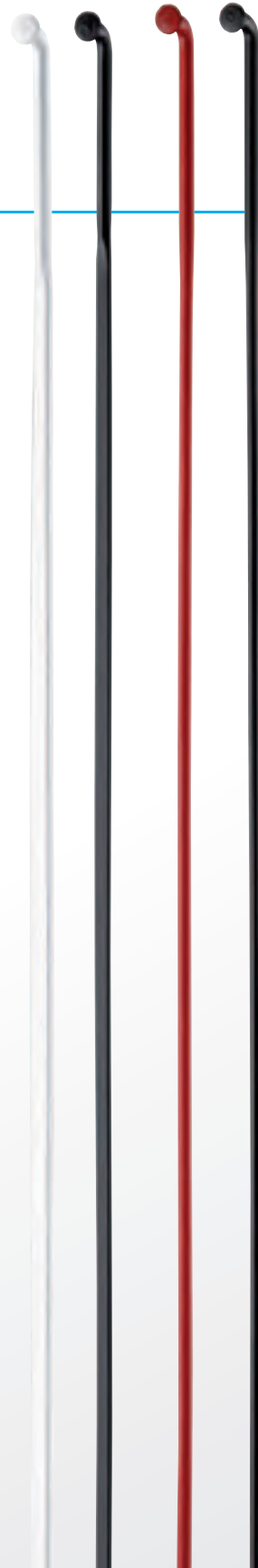
### AC SPOKE SPEC

AC Round Spokes 14/15 Gauge 2.0-1.8-2.0 Butt

AC Bladed Spokes 14 Gauge 2.0-1.0 x 3.0-2.0 Butt

New AC Race Round Spokes 14/16 Gauge 2.0-1.6-2.0 Butt

New AC Race Blade Spokes 14/16 Gauge 2.0-2.2 x .95-2.0 Butt

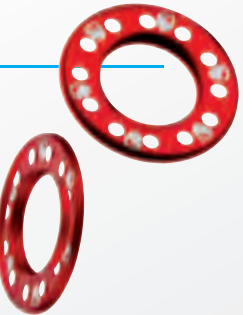


## DISC REINFORCING RING

MOUNTAIN

There is a problem with some disc rotors on the market. The rotors are cut out in the bolt area and do not have a reinforced center to properly support the international 6 bolt mounting system. The cut out rotors are weak at the bolts and result in failures. Bill Shook engineered the disc reinforcing ring to support the 6 mounting positions, effectively tying them together to work as a unit. Can be used on other hub brands. An ingenious technical solution to improve your riding. When you see the red disc reinforcing ring, you know it's AC. (patent applied)

**WEIGHT** Pair 12gr  
**COLOR** Red Anodized  
**BRAKE INTERFACE** 6 Bolt International Standard



## AC SEATPOST

ROAD | TREKKING | TRIATHLON | CYCLOCROSS | MOUNTAIN

Bill Shook made another technologically advanced breakthrough. The curvaceous design of our new seatpost is minimalist, extremely lightweight, incredibly strong and adjustable. The patented single bolt design is easy to adjust and keeps the interlocking clamp tight when loading the saddle with the rider's body weight. Once the clamp is tightened, your saddle stays put. Aluminum is more durable than carbon. If you are tired of struggling with your carbon post, our curvy seatpost is the way to go. Bike fitters use our multi-purpose seatpost to properly position riders on their bikes. The post can be inserted in the frame forward or reversed for time trial triathlon forward position. The seatpost clamp can be moved forward and backward to dial in saddle comfort and optimal rider position. Unique to this seatpost, the head can be tilted slightly side to side to correct some rider leg and hip discrepancies without the endless chore of shimmying shoes.

**LENGTH** 350mm  
**DIAMETERS / WEIGHT** 27.2 / 200gr | 31.6 / 210gr  
**SETBACK** 25.4mm  
**COLOR** Black Alphas  
**TOOLS NEEDED** Torque Wrench with 4mm Hex Key  
**TORQUE SPEC** 35 INCH-POUNDS | 4 N-m





## QUICK RELEASE

ROAD | TREKKING | TRIATHLON | CYCLOCROSS | MOUNTAIN

This is an entirely new quick release. This tested design focuses on improved lever function so that the quick release stays closed tight. The springs are stainless steel. The cam has an aluminum on plastic glide surface. Fork contacts are knurled for a superior grip. American Classic is committed to continually improving the function of our products at all levels to offer an improved riding experience to our customers.

**LENGTH / WEIGHT** Cromoly Front 100mm / 46gr  
Road Rear 130mm / 48gr  
MTB Rear 135mm / 49gr

**LENGTH / WEIGHT** Titanium Front 100mm / 40gr  
Road Rear 130mm / 42gr  
MTB Rear 135mm / 43gr



## 9MM AND 10MM THRU AXLE QUICK RELEASE

MOUNTAIN

The purpose of the 9mm front and 10mm rear thru axle system is to stiffen a standard QR mountain bike frame without unscrewing an unwieldy, heavy bolt. Our Thru Axle Quick Releases act as an axle and centers the hub in the QR fork or frame drop out without fishing for adjustment. It's easy to change the wheel because it is a quick release, not a bolt. Mechanism clamps tightly. It is stronger than a traditional QR skewer with a beefy aluminum shaft and steel contact points against the frame for superior grip. For a noticeable improvement in stiffness, try the AC Thru Axle QR's.

**LENGTH / WEIGHT** 9mm x 100mm / 64gr  
10mm x 135mm / 80gr



## WHEEL BAG

ROAD | TREKKING | TRIATHLON | CYCLOCROSS | MOUNTAIN

Stow your wheelset in the new premium AC wheel bag, the fusion of style and function. Bill Shook generously measured out this bag making it large enough to fit a pair 29ers with beefy 2.3 tires or a pair of 700c road wheels with tires. AC black nylon alphatype graphic fabric and logo are custom designed for this project by our artists at Groupe Dejour. Thick padding inside to protect your wheel investment. Wheel bags help to keep your car and gear clean and organized. Twin zippers with carrying handles and a shoulder strap. Padded center divider and hard rubber reinforcement circles are inside each bag to prevent the axle from punching through the bag. Inner pocket features a velcro closure for storing quick releases and tools. An AC exclusive design, well thought out and luxurious like no other wheel bag on the market.





## SEASON 2013

»Apparel is a new endeavor for American Classic.

We carefully chose the finest clothing available for our house designs.«

Ellen Kast | General Manager

## AC VISOR AND HAT

Headswears is a favored brand at American Classic. Both are 100% COOLMAX® fabric with wrap around wicking headband. Our adjustable visor features a velcro back closure to dial in the perfect fit for athletes on the go. INVISTA® certified sun protection race hat with an adjustable rear buckle. Machine washable. One size fits all.



## AC T-SHIRT

Our logo t-shirts are not just an ordinary t-shirt. They are soft and cut to wear with your favorite jeans or better yet, on the podium. A new wardrobe favorite. 100% cotton and machine washable.

Men's Sizes: M, L, XL, XXL

Women's Sizes: S, M, L, XL



## AC SOCKS

When we think of socks, we Save our Soles. SOS dialed in our tall 5"12.7cm cuff for the ideal finishing touch to your ride wear. Caress your toes with style. 100% coolmax and machine washable.

Sizes S, M, L, XL.



## AC JERSEYS

We selected the finest cycling apparel from Israeli hi-zoot apparel designer Funkier for high style and comfortable performance. Men's and Women's specific short sleeve jerseys are made with proprietary Quick Dry fabric to dissipate heat, full length zipper, and a special water resistant zipper pocket for keys and a cell phone.

Men's Sizes: S, M, L, XL

Women's Sizes: XS, S, M, L

Men's jerseys have 3 pockets, women's have 2 pockets.

The fit is true to size.

Size chart available at [www.AmClassic.com](http://www.AmClassic.com) on the clothing page.

## AC BIB / SHORTS

Funkier understands the importance of quality shorts for long rides. Men's bib shorts and Women's specific shorts have a 7"18cm inseam and are constructed with 240 gram m2 lycra for free movement, and silicone gel leg grippers. We chose the highest quality, multi-layered antibacterial pads containing silky smooth perforated open cells. The F1 men's pad has an enhanced perennial channel and stitch-free square angle for air flow, comfort and protection. The women's C8 pad features 4-way stretch anatomical shaping for chafe free comfort, breathability and movement.

Men's Bib Sizes: S, M, L, XL

Women's Short Sizes: XS, S, M, L

The fit is true to size.

Size chart available at [www.AmClassic.com](http://www.AmClassic.com) on the clothing page.





# WHEELSET SPEC

	DRILLING Front / Rear	WEIGHT FRONT with AC Spokes	WEIGHT REAR with AC Spokes	WEIGHT PAIR with AC Spokes	RIDER WEIGHT Limit / lbs / kg	RIM WIDTH	RIM DEPTH	RIM STRIP	RIM ERD
ARGENT ROAD TUBELESS	18 / 24	586 gr	786 gr	1372 gr	235 / 107	22.0 mm	30.0 mm		576
ROAD TUBELESS	24 / 24	539 gr	680 gr	1219 gr	200 / 91	22.0 mm	21.0 mm		596
MAGNESIUM CLINCHER	24 / 24	467 gr	641 gr	1108 gr	200 / 91	22.0 mm	22.0 mm		592
ALUMINUM TUBULAR RIM BRAKE	32 / 32	697 gr	829 gr	1526 gr	235 / 107	23.5 mm	16.4 mm		603
ALUMINUM TUBULAR DISC BRAKE	32 / 32	722 gr	849 gr	1571 gr	235 / 107	23.5 mm	16.4 mm		603
420 AERO 3	18 / 24	663 gr	867 gr	1530 gr	235 / 107	19.0 mm	34.0 mm	16 mm	572
HURRICANE	32 / 32	745 gr	855 gr	1600 gr	250 / 114	22.0 mm	24.0 mm	18 mm	594
SPRINT 350 700C	28 / 32	610 gr	800 gr	1410 gr	220 / 100	19.0 mm	24.0 mm	16 mm	590
420 AERO TRACK	18 / 24	745 gr	840 gr	1585 gr	235 / 107	19.0 mm	34.0 mm	16 mm	572
CARBON 38 CLINCHER	18 / 24	778 gr	973 gr	1751 gr	250 / 114	22.0 mm	38.0 mm	18 mm	570
CARBON 58 CLINCHER	18 / 24	851 gr	1059 gr	1910 gr	250 / 114	22.0 mm	58.0 mm	18 mm	528
CARBON 44 TUBULAR	18 / 24	596 gr	777 gr	1373 gr	235 / 107	23.0 mm	44.0 mm		551
CARBON 58 TUBULAR	18 / 24	612 gr	844 gr	1456 gr	250 / 114	20.0 mm	58.0 mm		530
CARBON 85 TUBULAR	18 / 24	715 gr	901 gr	1616 gr	250 / 114	20.0 mm	85.0 mm		475
CARBON TT DISK TUBULAR			1436 gr		275 / 125	21.0 mm			
VICTORY 30	18 / 24	676 gr	916 gr	1592 gr	245 / 112	18.3 mm	30.0 mm	16 mm	575
VICTORY	24 / 28	718 gr	930 gr	1648 gr	250 / 114	19.4 mm	24.0 mm	16 mm	590
HANDCYCLE 650 C	24 / 24 / 24	820 gr	742 gr	TRIO: 2304 gr	245 / 112	18.3 mm	30.0 mm	16 mm	522
HANDCYCLE CARBON 50 TUBULAR 650 C	24 / 24 / 24	726 gr	650 gr	TRIO: 2026 gr	240 / 110	20.0 mm	50.0 mm		490
TCX / TREKKING RIM BRAKE	32 / 32	865 gr	973 gr	1838 gr	280 / 127	26.0 mm	21.0 mm		594
TCX / TREKKING DISC BRAKE	32 / 32	896 gr	999 gr	1895 gr	280 / 127	26.0 mm	21.0 mm		594
MTB RACE 26 TUBELESS	32 / 32	625 gr	736 gr	1361 gr	220 / 100	28.0 mm	22.0 mm		528
MTB RACE 650B TUBELESS	32 / 32	662 gr	773 gr	1435 gr	210 / 95	28.0 mm	22.0 mm		554
MTB RACE 29 TUBELESS	32 / 32	670 gr	789 gr	1459 gr	210 / 95	28.0 mm	22.0 mm		592
MTB 26 TUBELESS	32 / 32	691 gr	795 gr	1486 gr	250 / 114	26.0 mm	23.0 mm		530
MTB 29 TUBELESS	32 / 32	748 gr	852 gr	1600 gr	235 / 107	26.0 mm	23.0 mm		593
ALL MOUNTAIN 26 TUBELESS	32 / 32	750 gr	858 gr	1608 gr	250 / 114	28.0 mm	23.0 mm		530
ALL MOUNTAIN 650B TUBELESS	32 / 32	784 gr	889 gr	1673 gr	250 / 114	28.0 mm	23.0 mm		555
ALL MOUNTAIN 29 TUBELESS	32 / 32	822 gr	930 gr	1752 gr	235 / 107	28.0 mm	23.0 mm		593
29 TUBELESS SINGLE SPEED	32 / 32	748 gr	852 gr	1600 gr	235 / 107	26.0 mm	23.0 mm		593
DOWNHILL 26	32 / 32	986 gr	1021 gr	2007 gr	250 / 114	28.0 mm	25.0 mm	20 mm	526
TERRAIN 26 TUBELESS	32 / 32	839 gr	943 gr	1782 gr	280 / 127	26.0 mm	21.0 mm		531
TERRAIN 650B TUBELESS	32 / 32	868 gr	977 gr	1845 gr	280 / 127	26.0 mm	21.0 mm		556
TERRAIN 29 TUBELESS	32 / 32	896 gr	999 gr	1895 gr	280 / 127	26.0 mm	21.0 mm		594

# FRONT HUB SPEC

	WIDTH	HOLE COUNT	WEIGHT	SPOKE HOLE SIZE	CENTER TO LEFT OUTSIDE	CENTER TO RIGHT OUTSIDE	SPOKE CIRCLE DIAMETER	BEARINGS
MICRO 58	100 mm	18 / 20 / 24 / 28	58 gr	2.5 mm	35.5 mm	35.5 mm	29 mm	688 Stainless Steel
TRACK FRONT	100 mm	18	105 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6803C3 Stainless Steel
VICTORY FRONT	100 mm	18 / 24	58 gr	2.5 mm	35.5 mm	35.5 mm	29 mm	688 Chrome
VICTORY HIGH FLANGE FRONT	100 mm	32	146 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6902 Chrome
105 FRONT	100 mm	32	105 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6803C3 Stainless Steel
DISC 130	100 mm	32	130 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6803C3 Stainless Steel
15mm THRU AXLE DISC	100 mm	32	116 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6803C3 Stainless Steel
9mm THRU AXLE DISC	100 mm	32	122 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6803C3 Stainless Steel
20mm THRU AXLE DISC	110 mm	32	216 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6805 Stainless Steel
LEFTY DISC		32	132 gr	2.5 mm	21.0 mm	33.5 mm	58mm Fork Side / 45mm Outside	6805 Fork Side / 6902 Outside Stainless Steel
TERRAIN DISC FRONT	100 mm	32	158 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6902 Chrome
TERRAIN 15mm THRU AXLE DISC	100 mm	32	148 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6902 Chrome
TERRAIN 9mm THRU AXLE DISC	100 mm	32	169 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6902 Chrome
TERRAIN 20mm THRU AXLE DISC	110 mm	32	218 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6805 Chrome

# REAR HUB SPEC

	WIDTH	HOLE COUNT	WEIGHT	SPOKE HOLE SIZE	CENTER TO LEFT OUTSIDE	CENTER TO RIGHT OUTSIDE	SPOKE CIRCLE DIAMETER	BEARINGS
RD 205	130 mm	24 / 28 / 32	205 gr	2.5 mm	30.0 mm	20.0 mm	66 mm	6803C3 Stainless Steel
ROAD HIGH-LOW FLANGE	130 mm	24	205 gr	2.5 mm	38.0 mm	18.0 mm	60mm Drive / 36mm Non-Drive	6803C3 Stainless Steel
TRACK REAR	120 mm	24	180 gr	2.5 mm	37.2 mm	32.7 mm	66 mm	6803C3 Stainless Steel
VICTORY REAR	130 mm	24 / 28	240 gr	2.5 mm	30.0 mm	20.0 mm	60 mm	6902 Hub Shell / 15267 Cassette Body Chrome
MTB 210	135 mm	32	210 gr	2.5 mm	27.4 mm	22.6 mm	66 mm	6803C3 Stainless Steel
DISC 225	135 mm	32	225 gr	2.5 mm	27.4 mm	22.6 mm	66 mm	6803C3 Stainless Steel
10mm THRU AXLE DISC	135 mm	32	223 gr	2.5 mm	27.4 mm	22.6 mm	66 mm	6803C3 Stainless Steel
142mm THRU AXLE DISC	142 mm	32	223 gr	2.5 mm	27.4 mm	22.6 mm	66 mm	6803C3 Stainless Steel
SINGLE SPEED DISC	135 mm	32	244 gr	2.5 mm	33.9 mm	32.8 mm	66 mm	6803C3 Stainless Steel
DOWNHILL DISC REAR	150 mm	32	236 gr	2.5 mm	36.8 mm	30.0 mm	66 mm	6803C3 Stainless Steel
ALL MOUNTAIN DISC REAR	135 mm	32	223 gr	2.5 mm	27.4 mm	22.6 mm	66 mm	6803C3 Stainless Steel
TERRAIN DISC REAR	135 mm	32	262 gr	2.5 mm	27.4 mm	22.6 mm	60 mm	6902 Hub Shell / 15267 Cassette Body Chrome
TERRAIN 10mm THRU AXLE DISC	135 mm	32	262 gr	2.5 mm	27.4 mm	22.6 mm	60 mm	6902 Hub Shell / 15267 Cassette Body Chrome
TERRAIN 142MM THRU AXLE DISC	142 mm	32	262 gr	2.5 mm	27.4 mm	22.6 mm	60 mm	6902 Hub Shell / 15267 Cassette Body Chrome
HANDCYCLE BOLT-ON	100 mm	24	141 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6803C3 Stainless Steel

\*All wheels are weighed without QR's, Bolts, Valves, Rim Strips or Rim Tape.

\* All hubs are weighed without QR or Bolts.



**SERVICE DEPARTMENT USA**

American Classic offers service provided by our highly qualified Technical Staff and Wheel Builders. Services include wheel rebuilds, re-tensioning and truing, hub maintenance, hub cassette body and bearing changes, and general repairs. Call our sales department for estimates on parts and service work. Our USA sales team will take your order and issue a return authorization (RA) number.

**TIRE PRESSURE**

We recommend maximum tire inflation of 120 psi / 8 bars on our AC clincher road wheels. For mountain bike wheels, follow the minimum tire pressure rating recommended by the tire manufacturer.

**AC QUICK RELEASE**

Your American Classic wheels come with QR hardware. Failure to close the quick release or thru axle quick release properly can result in accident or injury. If in doubt, ask your retailer to help you make sure you know how to install and remove your wheels safely. Check to ensure that your wheel quick releases are securely clamped, each time before you ride your bicycle.

**AC CRASH REPLACEMENT PROGRAM**

American Classic has a new wheel crash replacement plan for wheelsets bought in the USA from an authorized dealer or distributor for a period of 2 years from date of purchase by the original owner. This is a screamin' deal to protect your investment in your wheels. The original owner must keep their original proof of purchase receipt and crash replacement plan receipt in order to make a claim under this plan.

Sign up and the specific terms, requirements and exclusions of the plan are set forth at amclassic.com. The plan must be purchased within 10 days of the date of purchase of the wheelset. This plan does not apply retroactively or for wheelsets purchased on online auctions. Sign up today !

**AC PATENTS**

**USA Patents**

6,155,394 / 6,266,990 / 6,961,999

7,318,623 / 7,555,838 / 7,490,406

**Chinese Patents (PRC)**

ZL00205100.1 / 200610111956.4 / 201010126181.4

ZL 2007 1 0198507.2

**Taiwan Patents**

478984 / M297339 / I286624

I267457 / 498037 / 1299705 / 099104598

I350253 / I353313 / I347907

**Other patents applied**



**Bill Shook**  
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**AC IMPRINT**

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