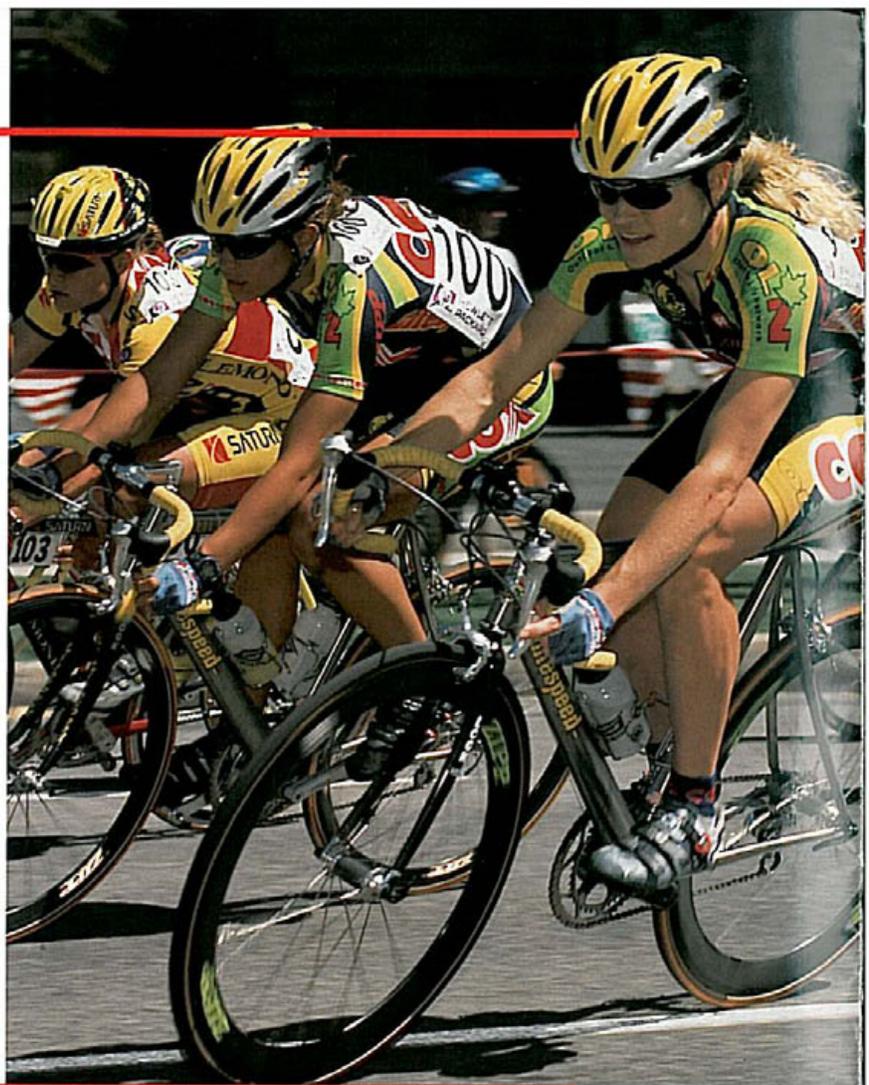




One '0' One

101
clincher



101
tubular



Born in the tortuous climbs and descents of Europe and proven tough in road racing applications around the world, the ZIPP 101 wheelsets are built to perform in every condition. Road racing requires quick acceleration, consistent lateral stiffness, confidence inspiring handling and predictable braking performance. These 101's are skillfully handbuilt and assembled maximizing all of these requirements into one of the finest pairs of aluminum performance wheelsets you could treat your bike to. Ideal for road racing, spirited recreational rides, training and everyday applications.

- Available in 700c clincher (17mm deep) and tubular (12mm deep)
- Fronts radial laced 28 spokes
- Rears radial / 2 cross laced 28 spokes
- Carefully selected, rolled and double butted 14/16 stainless steel spokes
- Double eyelets evenly spread spoke load on the inside and outside diameter
- Clincher rims slip bonded with a superb machined braking surface
- Hard anodized tubular rim with a unique circumferential weld ensuring the lightest possible rim weight and performance
- ZIPP's unique hubs are the center of attention in these wheels, artfully CNC machined with sealed bearing durability
- Campagnolo 9 speed or Shimano 8&9 speed compatible
- Front tubular wheel 675g, rear tubular 824g
- Front clincher wheel 677g, rear clincher 826g



Three '0' Three

What is rapidly becoming one of the most popular wheelsets with athletes worldwide due mainly to their lightweight and great versatility, the 303's offer a little bit of everything. What is commonly referred to as a "Mid V", the 303 wheels offer improved aerodynamic performance than standard wheels with lighter overall weight. They fill a unique niche between deep rims and standard rims, retaining all the great characteristics of both and achieving super versatility in the process. These wheelsets are equally at home on the road, on a century ride, climbing the Alps or being pitched into a high-speed criterium corner. Multisport athletes in search of fast responsive wheels for draft legal events and hilly or windy conditions are rapidly discovering the speed and performance that 303's provide. ZIPP's proprietary carbon molding technology and relentless commitment to constant product improvement ensures extremely light perimeter weight and is a "great feeling" wheelset.

- Available in 700c or 650c carbon tubular and aluminum clincher
- Front wheels expertly built with 20 spokes
- Rear 700c wheels built with 28 spokes;
Rear 650c wheels built with 24 spokes
- Carefully selected, ovalized, rolled stainless steel spokes
- Clincher rims slip bonded and a superbly machined braking surface
- Tubular rims are monocoque molded, precision drilled and hand finished
- Right in the middle is ZIPP's proprietary lightweight, precision machined, black anodized, sealed bearing hubs
- Campagnolo 9 speed or Shimano 8&9 speed compatible
- Front 700c carbon tubular wheel 626g;
Rear 700c carbon tubular 823g
- Front 650c carbon tubular wheel 576g;
Rear 650c carbon tubular 773g
- Front 700c aluminum clincher wheel 761g;
Rear 700c aluminum clincher 958g
- Front 650c aluminum clincher wheel 705g;
Rear 650c aluminum clincher 854g

303
clincher



303
tubular



Jersey - The ZIPP Fighter Pilot returns. Wear a classic with updated graphics. Made by Aussie Racing

Shorts - Everyone knows the only proper color for bike shorts is black. We include ZIPP logos on each leg at no extra charge. Made by Aussie Racing

T-Shirts - Stone washed cotton with subtle stripes and new ZIPP logo. Black or Mocha, L or XL.





Four '0' Four

404
clincher



404
tubular



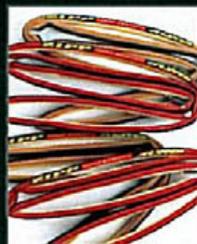
Drawing from the experience that 60+ National titles and 40+ World Championships has provided, hundreds of hours in wind tunnels, dozens of cups of coffee, & days and days of imaginative engineering, this is without doubt the finest high performance wheelset ZIPP has ever offered. Without reservation this is the ultimate deep section wheelset on the market with a 58mm cross section and gentle convex wall curvature the aerodynamic performance and ride quality is unsurpassed. Lightweight is achieved through maximizing 10 years of structural composite experience, patented design and process application, a proprietary precision-machined sealed bearing hub system and careful selection of all other components. Unparalleled performance is the result of a complete commitment to continuous improvement in product and process, capitalizing on the structural benefits of carbon fiber, the complete air management system, and ZIPP's unique hollow molding technology. No matter what form of cycling competition you select, 404's are without doubt the best performing return on investment you can make.

- Available in 700c and 650c, tubular and clincher
- Front 650c wheels built with 16 spokes; front 700c wheels with 18 spokes
- Rear 650c wheels built with 24 spokes; rear 700c wheels with 28 spokes
- Wheels feature ovalized, rolled stainless steel spokes
- Lightweight alloy nipples
- Tubular and clincher rims are 58mm deep, precision drilled and hand finished
- Feature ZIPP's proprietary design, precision built, black anodized hubs
- Campagnolo 9 speed or Shimano 8&9 speed compatible
- Front 700c carbon tubular wheel 654g; Rear 700c carbon tubular 863g
- Front 650c carbon tubular wheel 602g; Rear 650c carbon tubular 799g
- Front 700c carbon clincher wheel 744g; Rear 700c carbon clincher 953g
- Front 650c carbon clincher wheel 702g; Rear 650c carbon clincher 899g

Water Bottles - Drink up. Carries 30oz. of your favorite beverage with a convenient lid so you won't spill it.

ZIPP/TUFO Tires - The Z19 is for the time trialist & multisport athlete; the Z21 for the competitive road racer and the T21 for the demands of track racing.

Caps - Washed Cotton available in Black and Khaki.



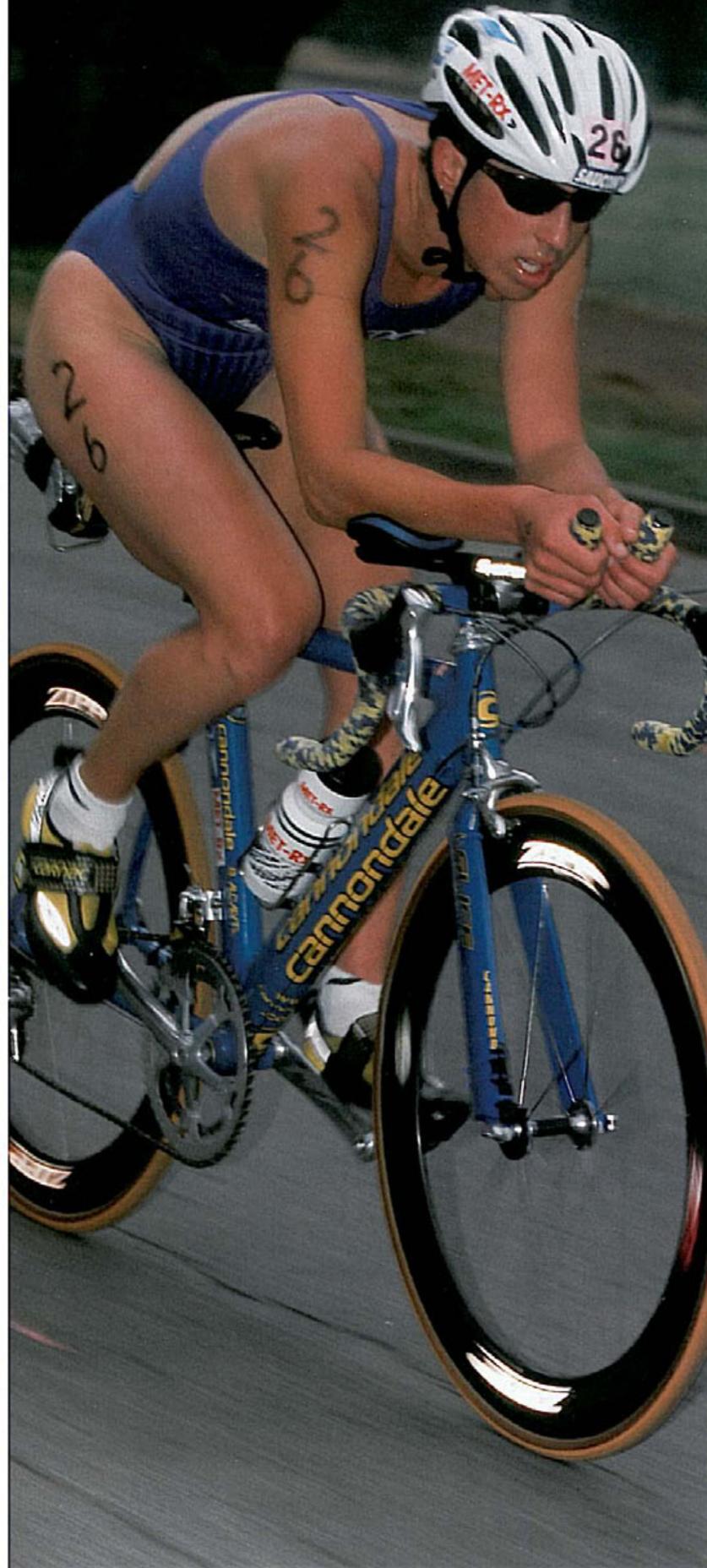


Nine '0' Nine

For time trial and multisport competition, nothing is faster than a disc on the rear and a deep section wheel on the front. The 909 wheelset is the lightest, most aerodynamically efficient combination of its kind available. If you are serious about going fast, this is the logical choice. Because ZIPP discs are very light, gone are the days when they could only be considered for flat race courses. A 650c disc weighs in at around 870g with the cassette and the 700c disc weighs in at around 950g with the cassette. Lateral stiffness with ZIPP discs is unsurpassed. Combine this with a total frontal area of only 19mm and lightweight, you have a rear wheel that is built for serious performance. The 58mm deep front wheel is the ideal depth and configuration for optimal performance and handling.

- Available in 650c or 700c, tubular only
- Front 650c wheels are 16 spoke, 700c wheels are 18 spoke
- Front wheels built with rolled, ovalized spokes and lightweight alloy nipples.
- Features ZIPP's precision machined hubs on the front and the same proprietary cassette design in the discs
- Campagnolo 9 speed or Shimano 8&9 speed compatible
- Front 650c carbon tubular wheel 602g;
700c carbon tubular wheel 654g
- Rear 650c carbon tubular disc 870g;
rear 700c carbon tubular disc 950g

909
tubular

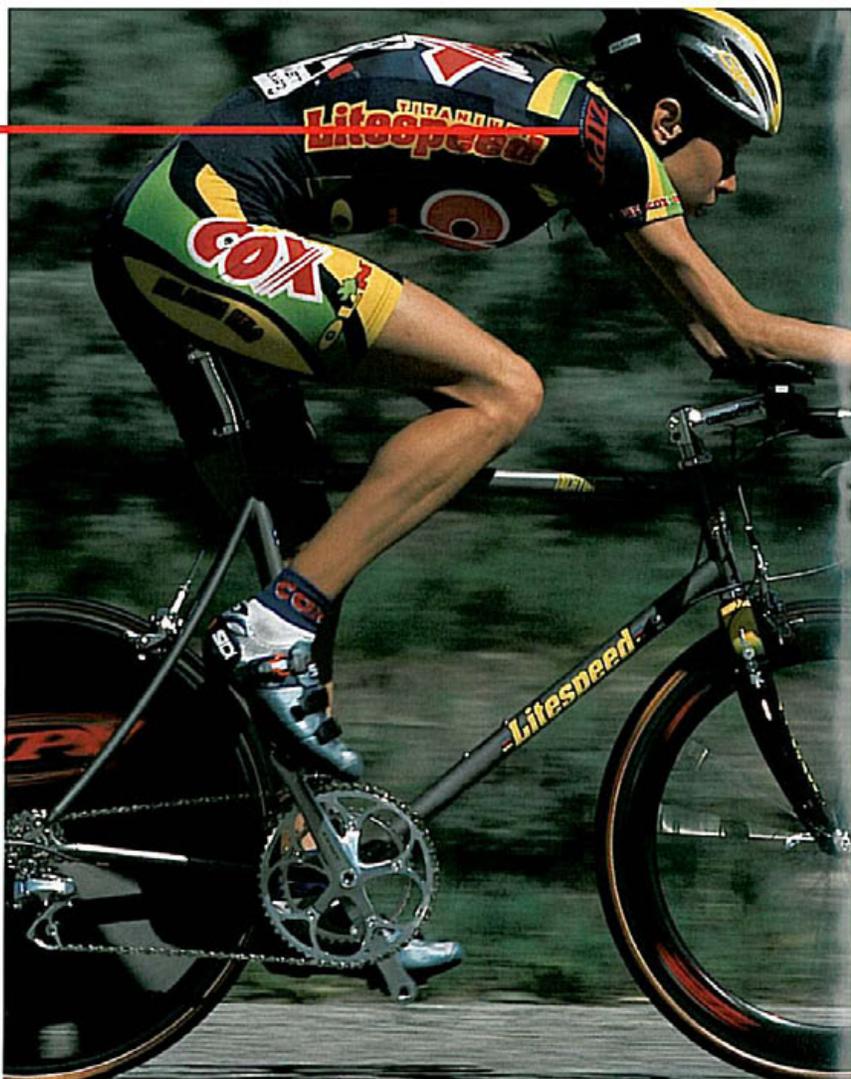
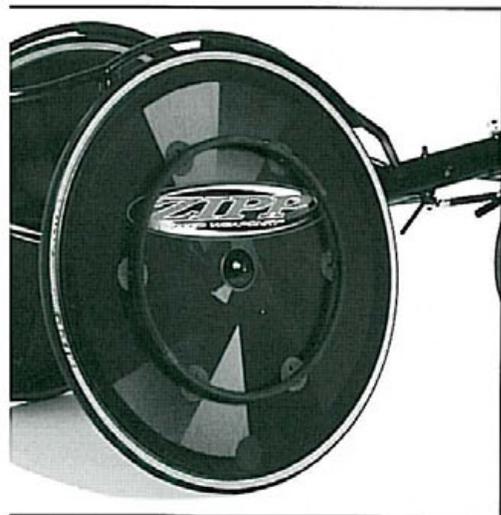




Disc

Zipp also manufactures a high performance disc wheel for wheelchair competition featuring a unique construction with 6 strategic mounting inserts and reinforcement for handrims.

They have the same proprietary flat curing technology and acute attention to detail as the bicycling discs. Quite simply the fastest things you could put on a chair.



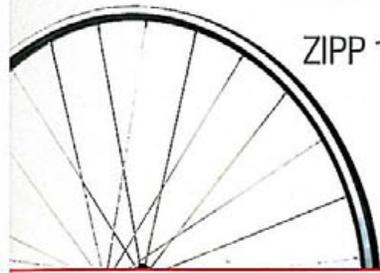
The ZIPP disc was the first product ever made by the company utilizing aerospace technology in a process quite unlike anyone else in the bicycle industry worldwide. Since that time as raw materials have improved so has the ZIPP disc, losing over 40% of its weight and improving its lateral stiffness along the way. They are still manufactured completely flat and are only 19mm wide presenting the smallest possible frontal area to the wind and facilitating maximum air flow around both sides. A Nomex honeycomb core cured with high pressure, high temperature molding methodology creates a structure unsurpassed in the industry for sheer strength, durability and lightness. ZIPP's unique hub systems are then installed to provide a disc application for either front or rear track, or cassette for time trial and multisport competition.

- Available in 650c or 700c tubular
- Cassette available in Campagnolo 9 speed or Shimano 8&9 speed compatibility
- Available in front track or rear track applications
- Track caps and bolts are available for track competition



Wheel bags - Carry the worlds fastest wheels in the worlds fastest wheel bag. Heavy-duty, padded nylon with extra reinforcement.

Coffee Mug - For leisurely recreational drinking when aerodynamics are not as critical.



ZIPP 110 Aluminum 17mm deep box section clincher, precision rolled and slip bonded with lathe spun machined braking surfaces. This black anodized rim features double eyelets for even spoke load spread. This rim can be laced into any high performance hub for superb road riding performance.

- Weight 443g
- 28 spoke holes
- 700c clincher
- ERD 605mm

Rims



ZIPP 140 Hard anodized aluminum high performance 12mm tubular rim. Manufactured in a unique process from a flat plate and sequentially shaped and rolled. It is finished with a precision circumferential weld, then polished and hard anodized and fitted with double eyelets. This unique fabrication method was chosen to ensure a strong yet lightweight rim. Very fast.

- Weight 387g
- 28 spoke holes
- 700c tubular
- ERD 614mm



ZIPP 310 and 340 Available in either tubular or clincher these 650c rims are perfect all-round performers. They can be laced into almost any high performance hub and built into a beautiful lightweight wheelset, tailor made for your specific application.

- Aluminum 30mm clincher weight 479g; Tubular 38mm carbon weight 335g
- Clincher available in 20, 24 holes; Tubular available in 16, 18, 20, 24, 28 holes
- ERD clincher 581mm; ERD tubular 520mm

340's are the 700c versions of the 310's and are rapidly becoming one of the most popular rims due to their lightweight, excellent lateral stiffness and great performance once on the bike. The clinchers are black anodized aluminum and the tubulars are monocoque molded, hollow carbon structure with an abraded glass braking surface.

- Aluminum 30mm clincher weight 525g; Tubular 38mm carbon weight 395g
- Clincher available in 20, 28 holes; Tubular available in 16, 18, 20, 24 and 28 holes
- ERD clincher 584mm; ERD tubular 566mm



ZIPP 400 and 500 These 58mm deep 650c tubular or clincher rims are rapidly becoming the rims of choice in competitions of every description worldwide. Zipp's unique hollow molding process, perfected over the past 7 years delivers rims that have improved in every respect. The patented* shape facilitates perfect airflow, improved lateral stiffness at even less weight and are easily built onto the hub of your choice.

- Clincher rim weighs 500g; Tubular rim weighs 400g
- Both available in 16, 18, 20, 24 and 28 holes
- ERD clincher and tubular 482mm



ZIPP 440 and 530 These 700c rims, also 58mm deep, are hollow molded and fully utilize Zipp's proprietary technology. These rims also make use of Zipp's patented* design expertise. The clincher features an aluminum braking surface. The tubular features an abraded glass tire seating and braking surface. Not only are these rims utilized in specifically aerodynamic applications but they can also be built into awesome track and road wheels due to their low perimeter weight and great lateral stiffness.

- Clincher rim weight 530g; Tubular rim weight 440g
- Both available in 16, 18, 20, 24, 28 and 32 holes
- ERD clincher 528mm; ERD tubular 530mm

*Patent #5,061,013, additional patents pending

Hubs

Zipp's new straight pull hubs are the result of almost two years of effort in R&D, testing, real life competition and a commitment to constant product refinement. Precision machined from an aluminum billet with Swiss accuracy, they are then black anodized and carefully assembled with high quality European sealed bearings. All spoke holes are round, not slotted and drilled at the precise angle to match the spokes in a built wheel. The rear cassette hub is a masterpiece of engineering with a 7075 aluminum triple pawl pocket, forged and machined aluminum cassette body, sculptured oversize axle and load bearing capability only where necessary. Front hubs weigh in at around 102g, rears about 259g.

- Radial fronts available in 16, 18, 20 and 28 holes.
- Radial/2X rears available in 24 and 28 hole, Campagnolo 9 speed or Shimano 8&9 speed compatible.



ZIPP 420 CARBON CRANKS

If you have ever painfully ground your way up a steep climb putting every ounce of effort into turning the crank arms just to maintain momentum, you'll have a real appreciation for a crankset that remains stiff and transfers every bit of effort into forward motion. At Zipp we understand that even the finest and most powerful athletes are dealing with the power to weight ratio challenge and that a human being can only generate power equivalent to about 1/3 horsepower. What the Zipp 420 does for you is put more of your power into forward motion than any other crankset available today.

After installing high performance wheels, carbon cranks are the next most important upgrade you should do. Carbon fiber exhibits many properties that make it ideal for manufacturing cranks. It is strong, stiff and light, but most importantly we can strategically align the carbon to specifically resist the load that an athlete exerts. In real life, loads exerted on the left and right crank arms are different and we can specifically orient the material for optimum effect, eliminate cross section where it is not necessary and increase material application where it is critical. The net result of all this research and development is a crank that is at minimum almost 40% stiffer in torsional load and over 30% stiffer in bending moment than any other crank.



Golf Shirt - 100% pre-shrunk cotton. Any color as long as it's black. ZIPP Speed Weaponry logo on chest.

Additionally the hollow* crank arms eliminate weight. At 375g, it is the lightest performance crank available.

- Crankset weighs 375g
- Integral attachment bolts for easy installation and extraction, bolt weight 45g, weight of crankset with bolts, 420g
- Five arm 130mm bolt circle
- Designed to fit Shimano™ spline drive bottom bracket spindle 109.5mm
- Available in 170mm, 172.5mm, 175mm, 177.5mm and 180mm

*patent pending



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Photos by: Bill Vance, Casey Gibson, and Robert Oliver.

