

**CHRIS KING**  
PRECISION COMPONENTS



## Chris King Precision Components

1976-2001

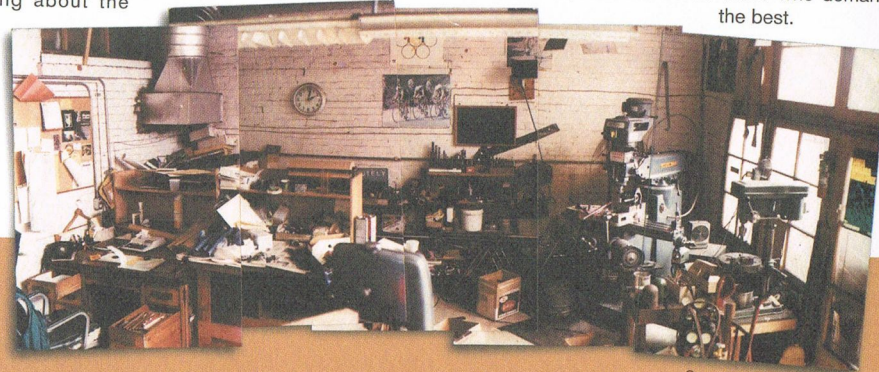
Chris conceived the first Chris King Component in 1976 to address a frustration shared by many cyclists: Even the 'best' headsets were basically disposable on road bikes and all were completely unacceptable once mountain bikes entered into the scene.

The shop was small in those earliest years. Packaging was often a plastic sandwich bag and promotion and distribution consisted largely of driving about the

country, seeding the market one shop at a time.

But soon, a word of mouth reputation was spreading and within a few years demand was growing faster than supply could fill it.

Today, our components are still made with the same personal attention to quality that originally made them famous. Chris King Precision Components remain the undisputed choice for those who demand the best.



Santa Barbara, c.1978

Chris King Precision Components are still conceived, designed, and manufactured entirely in-house allowing complete control over

the core technologies, processes, and services that make our components the very best you can buy.

## NoThreadSet™

The **NoThreadSet™** headset is designed for use with threadless fork attachment systems. It is available in 1", 1"bmx, 1-1/8", and 1-1/4" standard sizes as well as our two exclusive Devolution™ sizes that reduce 1-1/8" frames to use 1" forks or 1-1/4" frames to use 1-1/8" forks (see page 10). The 1" and 1-1/8" sizes are also available in titanium.

Since all of our headsets share the same cups, **NoThreadSet™ conversion kits** are also available for converting existing Chris King headsets to a threadless system.



The cycling industry is an industry where people are motivated by passion. We love bikes and believe in preserving the opportunity to spend time on the roads and trails. Concern for the environment and an active promotion of a healthy and enjoyable lifestyle naturally leads us to act responsibly and do all we can to mitigate our impact on the environment.

Joe, 18 miles from work, just up th



## Devolution™

Our **Devolution™** headsets were designed specifically to address the frustrating variation in frame and fork size standards. Both sizes step frames down to the next size fork, but neither require the use of any additional shims or adaptors. They are also available as **Devolution™ conversion kits** to work with existing Chris King headset cups.

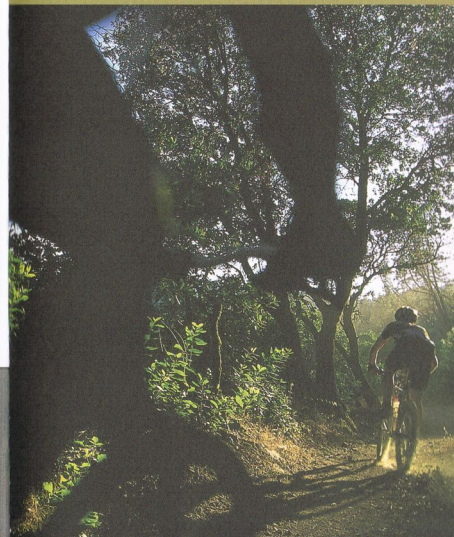
The new 1-1/8" to 1" **Devolution™** is sized to fit an 1-1/8" frame (e.g., the new road/cross standard) but use a standard 1" fork.

The 1-1/4" to 1-1/8" **Devolution™** will adapt your 1-1/4" frame to use an 1-1/8" fork, widening the available options for owners of the endangered 'Evolution' sized (1-1/4") frames.



Careful consideration goes into sourcing basic materials such as barstock. In addition to seeking the finest quality available, we've chosen to only use domestically produced metals. The methods used to produce metal barstock in many foreign countries include strip mining, clear cutting, and the burning of rain forests to make charcoal for smelting ores. We simply refuse to support such practices.

Kris and Jeff, 13 miles from w

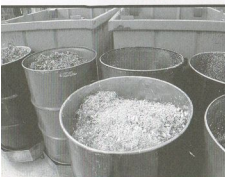


## GripNut™

In designing the **GripNut™** headset, we took an annoyance that most people simply accepted – that threaded headsets loosen when ridden hard – and addressed it with an innovative solution. This unique design incorporates a threaded collet that locks down on the fork threads when tightened.

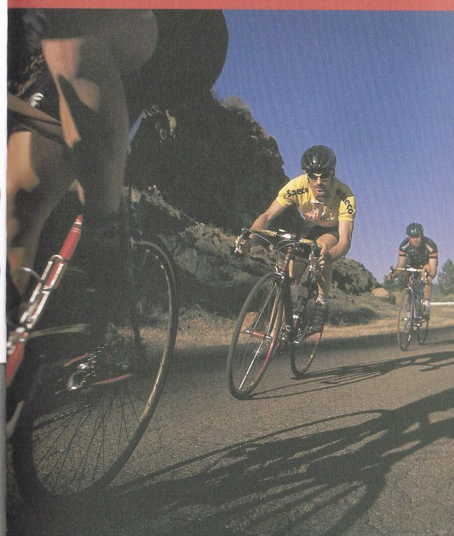
The **GripNut™** is available in 1", 1"bmx, 1-1/8", and 1-1/4" sizes. The 1" **GripNut™** is also available in titanium. Because of the integrated design, the **GripNut™** cannot be used with spacers or a cable hanger.

Since all of our headsets share the same cups, **GripNut™ conversion kits** are also available for converting existing Chris King headsets to a **GripNut™** system.



In our facilities, we recycle or reuse everything possible. From paper, cardboard, and plastics to packaging materials, aluminum (from cans and production), and oil (from chips and machines and filtered from the air), nothing is wasted. Our entire 40,000 sq. ft. facility has at least 9 recycling dumpsters yet only one for trash.

Kris, James, and Art, 9 miles from



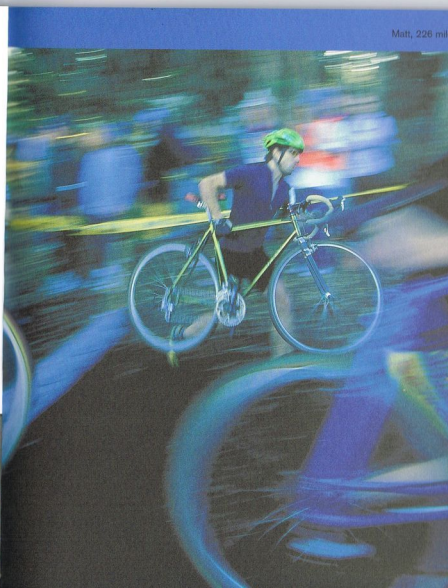
## 2Nut™

Fundamentally unchanged since the first Chris King headset was introduced 25 years ago, the **2Nut™** headset is still the one to use for triathletes, cyclocrossers, and any others who require the use of spacers and/or cable hangers with a threaded fork. It is available in all of our standard colors and the 1", 1-1/8", and 1-1/4" sizes.

Since all of our headsets share the same cups, **2Nut™ conversion kits** are also available for converting existing Chris King headsets to a 2Nut™ system.



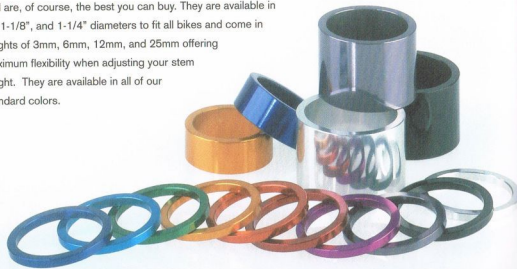
Our sponsorship/rider support program focuses directly on those working to develop the future of the sport (e.g., through trail maintenance, alternative transportation, advocacy, or junior development) and less on the traditional 'who has the longest race resume' hierarchy.



Mitt, 226 m/s

## spacers

Headset spacers are an important link in setting up your headset properly. If they are not faced flat to the stem and headtube and parallel to the steerer tube, there will be little you can do to achieve a proper adjustment. Our **precision headset spacers** are made to the same exacting standards as our headsets and are, of course, the best you can buy. They are available in 1", 1-1/8", and 1-1/4" diameters to fit all bikes and come in heights of 3mm, 6mm, 12mm, and 25mm offering maximum flexibility when adjusting your stem height. They are available in all of our standard colors.



Bringing technology in-house to control and improve it is an obsession of ours and anodizing was one of the final major processes. Our new, custom designed anodizing line is fully automated, lab quality, and, best of all, recycles 100% of the water used. There is not even a drain in the floor.

We often see 10 or 15-year-old headsets still functioning flawlessly with all of the original parts. And few ever need more than occasional maintenance. However, if you do need a replacement part – no matter how old the headset is – give us a call. We stock a complete inventory of spare parts and are always available to offer technical assistance.



## tools

Chris King headset cup press and baseplate setting tool

adaptor protect your headset's bearings and baseplate (often the crown race) during installation that all prefits are ever

Complete sets include tool and baseplate adaptors for 1-1/4" sizes. Available as adaptors at common bike tools.



17



work, in Arcata

## classic

The Chris King **classic hubset** is available for both road and off-road riding. Its extremely low weight (112g for the front and 268g for the rear) and classic design simultaneously answer the prayers of both the practical and the weight conscious by offering traditionally spoked (i.e., easily serviceable) wheels that are lighter than most of the prepackaged wheelsets. Still, unlike most ultralight components, the patented

RingDrive™ engagement system, a 19.5mm custom designed axle, and our legendary bearings make this hubset durable enough for even the heaviest touring loads and most abusive back country terrain. Bolt-on axles are also available.



With all of our products, our goal is to make them as good as they can possibly be. Our patented RingDrive™ engagement system is a recent example. It boasts nearly instant engagement, a resistance to torque many times stronger than the closest competitor, and simple, user friendly serviceability.

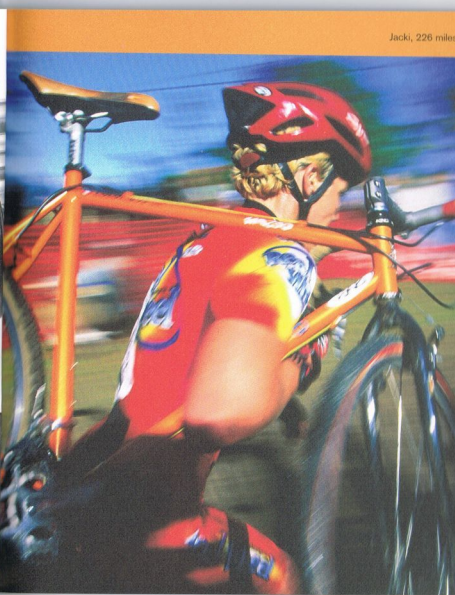


## entions

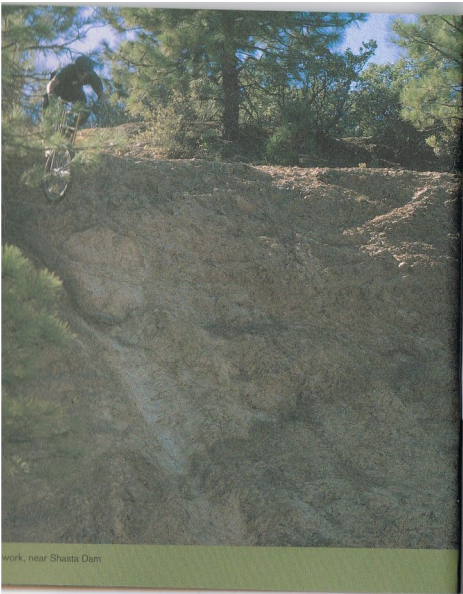
The **classic hubset** is available in a variety of configurations to match most frame and fork designs. The front hub is available in two hubshell designs: "Wide" for maximum wheel strength and stability and "narrow" for extra clearance on thicker legged forks or for building a more aerodynamic wheel. The rear hubs are available in 135mm, 140mm, and 145mm axle spacing with aluminum or stainless steel driveshells. Both are available with bolt-on axles.



Total quality requires more than just a great product. Our customer and technical services staff is always available to walk you through any service or repair questions you may have. We will even take in any Chris King product for a complete inspection and any necessary maintenance or repairs. Most of the time this service costs no more than the shipping to us and an occasional replacement part.



Jacki, 226 miles



work, near Shasta Dam

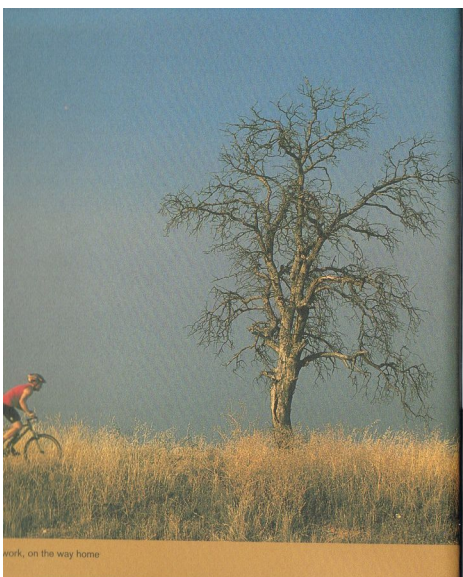
## disc

The Chris King **disc hubset** adapts the proven strength and performance of our classic hubs with the ability to mount disc brakes. By using a disc rotor adaptor system rather than mounting the rotors directly to the hubshells, they can be used with most disc brake systems or even without any disc at all.



The oversized 19.5mm (completely through the bearings) axles resist the twists and flex associated with disc brakes and suspension frames while high flanges build strong wheels. For added strength and stiffness, a bolt-on axle is available (rear only). Originally designed for cross country use, our hubs are also some of the lightest available (150g front; 282g rear).

The cycling industry is infamous for changing standards with each new model year leaving bike owners unable to take advantage of future upgrades. With products that out last fads, model years, and often bikes, this could be a problem. Rather than mount the rotors directly to the hubshells, our disc hubs use adaptors, offering maximum flexibility as the technology and standards continue to develop.



work, on the way home

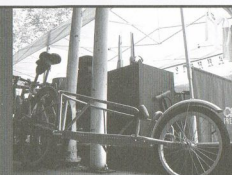
## Single speed

The Chris King **single speed hubset** represents the purest application of our hub design and technology. Wheel builds are kept simple with identical flange diameters and center to flange measurements on the front and rear hubs while the single, interchangeable gear offers an adjustable chain line. The rear single speed hub uses the same RingDrive™ cassette mechanism as all of our hubs and features hollow, stainless steel FunBolts™ that solidly attach your wheel to



the frame yet are lighter than many quick-releases. Stainless steel cogs are available in 12, 13, 14, 15, 16, 17, and 18 tooth sizes; aluminum cogs are available in 16, 17, and 18 tooth sizes.

At the time we wrote this catalog, over 30% of our employees were participating regularly in our ride-to-work/alternative transportation incentive program. With a goal of encouraging all of our employees to ride their bikes to work, our plan is the most aggressive and successful we've ever heard of.





ork, at Girvan Park

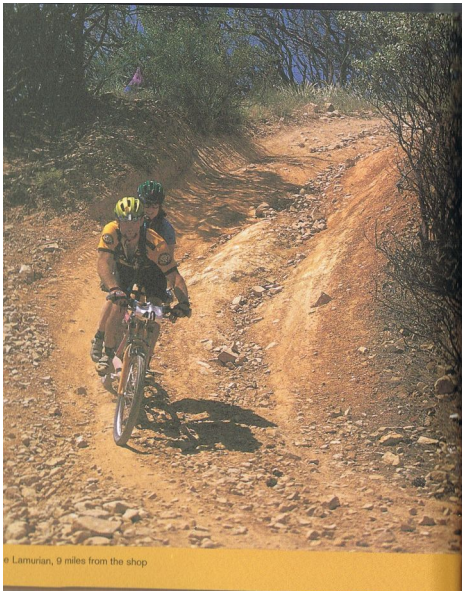
## hubs

The Chris King **bmw hubset** has set the standard for performance on the bmx track since the day it was first introduced. The cassette design is preferred for its light weight, reliability, and flexibility while the patented RingDrive™ engagement mechanism offers positive, nearly instant engagement with a total of 72 starting pedal positions per rotation.

The Chris King bmx hubs feature interchangeable gears and use our own dedicated cogs. The KingKogs™ are available in stainless steel in 12, 13, 14, 15, 16, 17, and 18 tooth sizes and in aluminum in 16, 17, and 18 tooth sizes.



When the local air quality control board examined our shop, it was one of the cleanest buildings they'd ever tested. Our specially designed air reclamation system filters oil in four separate stages and returns it to the machines before it cycles the air through the final filters and back outside. This system reuses oil and assures minimum impact to the air quality both inside and outside our shop.



Lamarian, 9 miles from the shop

## tandem

The wider spacing, lower gearing, and extra weight of the typical tandem setup requires stiff and strong equipment. The Chris King **rear tandem hubs** provide just that. Both the 145mm and 160mm hubs feature the rapid, positive engagement of our patented RingDrive™ engagement mechanism with up to four times the torque resistance of the next closest competitor. The specially designed bolt-on/quick-release axles are stiffer and are equipped with stainless steel biters on each end to prevent slippage. Both



hubs can be paired with either our classic low flange or new high flange front hubs (see pages 24 and 28).

Most people are happier and more comfortable working under natural sunlight. Nearly all areas in our buildings are lit 50-100% by natural light let in through clearstories along each roof peak. Office areas rarely require electric lights during the day and the shop floor utilizes a multiphase metal halide lighting system to maintain an optimum amount of light while using a minimal amount of electricity.

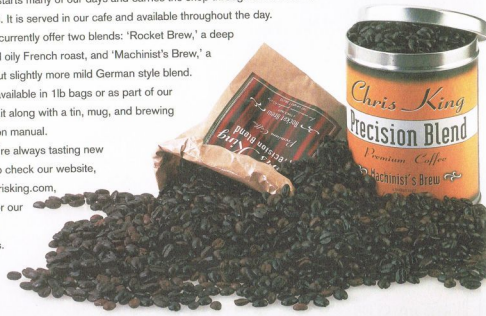


## Coffee

At our shop, **coffee** is more than just a favorite beverage or daily ritual. It is the very fuel that starts many of our days and carries the shop through the afternoon doldrums. It is served in our cafe and available throughout the day.

We currently offer two blends: 'Rocket Brew,' a deep dark, and oily French roast, and 'Machinist's Brew,' a hearty, but slightly more mild German style blend. Each is available in 1lb bags or as part of our Coffee Kit along with a tin, mug, and brewing instruction manual.

We're always tasting new beans so check our website, [www.chrisking.com](http://www.chrisking.com), or call for our current offerings.



Along with cycling, good food is one of our passions. So when we designed our new buildings we made sure to add a full commercial kitchen to our 'in-house technologies.' Cafe Sabado (named for our late shop cat, Sabado) runs as a stand alone restaurant featuring a full time chef, a subsidized meal plan for employees, and enough capacity to fully cater large events.

Steve, our second most consistent commuter, less than a mile from work on



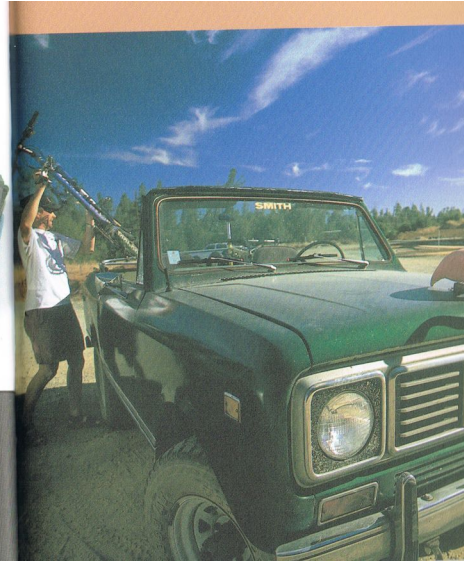
## clothing

When we toured the Patagonia warehouse in Reno, Nevada for ideas on building an environmentally conscious building, we got sidetracked for a bit on its organic cotton movement. Once aware of the option, we couldn't resist. All of our t-shirts now use the Beneficials™ blanks which feature 100% organically grown, pesticide free cotton made without the use of chlorine bleach, azo dyes, or heavy metals.

In addition to the new shirts, we also offer a variety of hats as well as the ever popular shop jacket. In an effort to keep up with the furious pace of fashion, we'll try to change our designs as often as possible. Be sure to call or check our website, [www.chrisking.com](http://www.chrisking.com), for our latest offerings.



Our cafe's late namesake, Sabado, was rescued from the Humane Society where he was considered mean and unadoptable. He proved them wrong and soon became a favorite of all who visited our shop. Ratone (a bruiser with no hair on his tail), Swirly (born wild and timid), and Elem (a runt without a tail) were also rescued from the status of 'unlikely candidates' and are now part of the King Cycle Group staff.



## beverage

's the cup of coffee before the ride, the ing your body as you sweat, or the with friends at the pub afterward, liquids tal element in the cycling lifestyle. King beverage containment m carefully chosen, designed, and d by our own internal team of fessionals. d offerings will change all or check our website, com, for the most current



One of the most polluting aspects of developed land is the rain runoff from roofs and parking lots. When designing our new facilities, we included a dry creek system criss-crossing the lot. Rain water is directed into these creeks and allowed to filter through the rock and soil before draining into the gutters or naturally into the native creek off the back of our parking lot.

The Gourmet Century features pristine country road riding punctuated by food stops and finishing with a gourmet dinner. For the past 10 years, many of us have enjoyed this event and last year we became the proud owners. We plan on preserving the Santa Ynez event (including the favorite Sanford Winery fruit smoothie stop) and are looking forward to adding new dates in other areas.



## HubShakers

Every now and then, a hubshell comes off the machines that is not quite up to specifications. Instead of tossing these would be scraps of aluminum in the recycling bin, we reuse them to make our ever popular HubShakers™.

'Bad' front shells turn into SNP HubShakers™ for salt and pepper, while less than perfect rear hubshells become CNC HubShakers™ intended for use applying Italian chilies and Parmesan cheese to pizzas, pastas, and other after ride favorites.



model/size	weight	total stack height	lower stack height	cup skirt	head tube ID	base plate ID	fork crown OD
<b>NoThreadSet™</b>							
1"	84g	28.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
1" titanium	88g	28.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
1" bmx	99g	32.0mm	13.7mm	32.8mm	32.7mm	26.4mm	26.5mm
1-1/8"	98g	31.4mm	13.7mm	34.0mm	33.9mm	30.0mm	30.1mm
1-1/8" titanium	102g	31.4mm	13.7mm	34.0mm	33.9mm	30.0mm	30.1mm
1-1/4"	113g	31.0mm	14.2mm	37.0mm	36.9mm	33.0mm	33.1mm
<b>Devolution™</b>							
1-1/8" > 1"	100g	31.4mm	13.7mm	34.0mm	33.9mm	26.4mm	26.5mm
1-1/4" > 1-1/8"	115g	31.0mm	14.2mm	37.0mm	36.9mm	30.0mm	30.1mm
<b>GripNut™</b>							
1"	83g	33.0-38.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
1" titanium	99g	33.0-38.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
1" bmx	107g	34.2-39.2mm	13.7mm	32.8mm	32.7mm	26.4mm	26.5mm
1-1/8"	109g	33.9-38.9mm	13.7mm	34.0mm	33.9mm	30.0mm	30.1mm
1-1/4"	128g	35.0-40.0mm	14.2mm	37.0mm	36.9mm	33.0mm	33.1mm
<b>2Nut™</b>							
1"	94g	37.4mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
1" bmx	110g	39.1mm	13.7mm	32.8mm	32.7mm	26.4mm	26.5mm
1-1/8"	110g	38.5mm	13.7mm	34.0mm	33.9mm	30.0mm	30.1mm
1-1/4"	129g	40.0mm	14.2mm	37.0mm	36.9mm	33.0mm	33.1mm
colors	Available colors include: black, silver, red, pewter, purple, blue, turquoise, green, gold, and a variety of special edition colors. Headset parts can be mixed and matched to create any combination of available colors (e.g. see the DreadSet™ on page 12). Visit our website, <a href="http://www.chrisking.com">http://www.chrisking.com</a> , or contact our customer service (800.523.6008) for current color options. Conversion kits (the top units, minus the caps) are available to convert existing headsets to each of the various attachment methods.						
conversion kits							

model/size	weight	flange diameter (drive)	flange diameter (nondrive)	center to flange (drive)	center to flange (nondrive)	axle width	axle diameter
<b>classic</b>							
front wide	112g	40.0mm	40.0mm	37.5mm	37.5mm	100mm	19.5mm
front narrow	113g	40.0mm	40.0mm	34.0mm	34.0mm	100mm	19.5mm
rear (road/cross)	266g	53.0mm	44.0mm	18.5mm	38.5mm	130mm	19.5mm
rear (mountain)	268g	53.0mm	44.0mm	21.0mm	36.0mm	135mm	19.5mm
140mm rear	270g	53.0mm	44.0mm	23.5mm	33.5mm	140mm	19.5mm
<b>disc</b>							
front	150g	53.0mm	53.0mm	31.5mm	23.0mm	100mm	19.5mm
rear (135mm)	282g	53.0mm	53.0mm	21.0mm	34.0mm	135mm	19.5mm
rear (140mm)	284g	53.0mm	53.0mm	23.5mm	31.5mm	140mm	19.5mm
<b>bmx</b>							
front	125g	40.0mm	40.0mm	34.0mm	34.0mm	100mm	19.5mm
rear	292g	53.0mm	44.0mm	27.0mm	30.0mm	110mm	19.5mm
<b>highflange</b>							
front (single speed & tandem)	118g	53.0mm	53.0mm	33.7mm	33.7mm	100mm	19.5mm
<b>single speed</b>							
rear (inc. bolts)	335g	53.0mm	53.0mm	33.7mm	33.7mm	135mm	19.5mm
<b>tandem</b>							
rear disc (145mm inc. bolts)	366g	53.0mm	53.0mm	26.0mm	29.0mm	145mm	19.5mm
rear (160mm inc. bolts)	374g	53.0mm	53.0mm	33.7mm	33.7mm	160mm	19.5mm
NOTES	colors	Available colors include: black, silver, red, pewter, purple, blue, turquoise, green, gold, and a variety of special edition colors. Visit our website, <a href="http://www.chrisking.com">http://www.chrisking.com</a> or contact our customer service (800.523.6008) for current color options.					
rear bolt-on axles	The bolt-on axle with GR adaptors adds 26g; with the FunBalls™ adds 62g.						
driveshells	All hubs come standard with aluminum driveshells. The stainless steel driveshell adds 48g.						
disc adaptors	Disc rotor adaptors weigh 26g-64g for the various models. Our adaptors are compatible with the industry standard (ISC) mounting pattern as well as others and are available for most disc brake systems. Visit our website, <a href="http://www.chrisking.com">www.chrisking.com</a> , or contact our customer service (800.523.6008) for current compatibility.						
KingKogs™	KingKogs™ are available from 12t-18t in stainless steel and from 16t-18t in aluminum. The stainless steel cogs weigh 16g-34g and the aluminum cogs weigh 14g-16g.						

# specification headsets

model/size	weight	total stack height	lower stack height	cup skirt	head tube ID	base plate ID	fork crown OD
<b>NoThreadSet™</b>							
1"	84g	28.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
1" titanium	88g	28.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
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1-1/8" titanium	102g	31.4mm	13.7mm	34.0mm	33.9mm	30.0mm	30.1mm
1-1/4"	113g	31.0mm	14.2mm	37.0mm	36.9mm	33.0mm	33.1mm
<b>NoThreadSet™ Devolution™</b>							
1-1/8" > 1"	100g	31.4mm	13.7mm	34.0mm	33.9mm	26.4mm	26.5mm
1-1/4" > 1-1/8"	115g	31.0mm	14.2mm	37.0mm	36.9mm	30.0mm	30.1mm
<b>GripNut™</b>							
1"	93g	33.0-38.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
1" titanium	99g	33.0-38.0mm	12.9mm	30.2mm	30.1mm	26.4mm	26.5mm
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## NOTES

colors  
  
conversion kits

Available colors include: black, silver, red, pewter, purple, blue, turquoise, green, gold, and a variety of special edition colors. Headset parts can be mixed and matched to create any combination of available colors (e.g., see the DreadSet™ on page 12). Visit our website, <http://www.chrisking.com>, or contact our customer service (800.523.6008) for current color options. Conversion kits (the top units, minus the cups) are available to convert existing headsets to each of the various attachment methods.

### Chris King Precision Components

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3595 Iron Court  
Shasta Lake, CA 96019

