



Oval Concepts Philosophies

get Fit to Fly!

Proper fit on your bicycle is absolutely the most critical part that equipment plays in your performance. Without proper fit you will never achieve your full potential – no matter how light, expensive or fancy your equipment is. Proper fit defines your comfort, power and aerodynamics on the bike and therefore your speed and your fun. Oval Concepts is all about speed and fun.

Today's invasion of sloping top tubes and carbon framesets and the resulting reduction in number of frame sizes makes using the bar, stem and seat post to achieve proper fit more critical than ever. Oval Concepts provides more sizes of bars, stems and seat posts than any other company. Oval designs literally millions of incremental adjustments into their aero bars making us the leader in providing tools for complex aero bar fit. That is why world champions on the track, on the road, in the dirt and in triathlon turn to Oval for results.

While others talk about proper bike fit, Oval helps you "get Fit to Fly!"

Reverse Bolt Technology (RBT®)

Traditional stem designs have the bolt heads on the front of the stem, where the bolt head works against the corners of the lightweight stem cap. This critical design flaw means most sub-130 grams stems do not pass the new European Norms (CEN).

Reverse Bolt Technology (RBT®) solves this critical design flaw. By reversing the bolts, the bolt head can work against the stronger stem body while the 10mm of thread in the front cap makes an incredibly strong, light connection system to this most fragile stem area. RBT stems are able to routinely test four or five times the tough new European Norms (CEN) rather than routinely failing them like traditional lightweight stems. Oval Concepts stems just will not fail during normal use.

This strong, elegant RBT design concept provides us a clean canvas so we can innovate in other areas, like even lighter weights and aerodynamics where traditional designs cannot fol-

low. R900 carbon and titanium upgrade kits reduce stem weights by 20 grams and still test over two times CEN. R710 and R910 aero upgrade kits smooth airflow on the front of your stem. RBT is also the platform on which we built the Stem Clamp Clip-On System (SCCS), the solution to so many aero bar problems that is reshaping all future aero bar technology.

Read on and see what else Reverse Bolt Technology can do for you.

JetStream® Technology

Five Grand Tour wins in the past five years with four riders and four teams. Two IronMan® World Championship wins in the past two years. Without paying one dime for the sponsorship? Coincidence? We think not. Pros come to us for results.

JetStream technology gently redirects a flow of clean air away from areas of high turbulence (where most drag is created) and lets it dissipate back into ambient air. JetStream Fork Technology (JFT) improves



the aerodynamics of the largest mechanical drag effect on the bike – the top of the front wheel – by over 20%. JetStream Bar Technology (JBT) improves the aerodynamics of the largest overall drag effect on the bike – you, the rider.

A study by Dr. Mark Drela, Ph.D., Professor of Aerodynamics, Astronautics and Fluid Dynamics at MIT in Cambridge, Massachusetts, has validated the significant wheel drag reduction effects of Oval's JetStream fork technology. Dr. Drela's study of the JetStream's double aero blade design found a greater than 20% reduction in front wheel drag at a bike speed of 50 kph (31 mph) vs. the best possible single blade design.

Early wind tunnel studies of the A911 JetStream Aero Bar have documented 4-6% overall drag reduction at 50 kph vs. numerous "classic" laminar flat aero bars. If future studies back these early results they will open the door for broad future development of JetStream bar technology.

JetStream Technology is revolutionizing bicycle aerodynamics by looking beyond simply minimizing frontal area. JetStream designs are now being integrated into not just new time trial and triathlon bikes but also road and e-bikes.

If JetStream technology can be so dominant in pure aero events, imagine what they can do over 6 hour, 23 stage road events, raced at even higher speeds. Then again, changing the speed, power requirements and battery life equation of e-bike design could just change the world.

Grand Tour winners include:

2003 Giro d'Italia	Simoni	Saeco
2004 Giro d'Italia	Cunego	Saeco
2004 Vuelta a España	Heras	Liberty Seguros
2005 Vuelta a España	Heras	Liberty Seguros
2006 Vuelta a España	Vinokourov	Astana



2008 Tour de France 2nd Overall

Other Oval Concepts Philosophies

Please look these other Oval Concepts philosophies in the rest of our catalog:

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Sponsored Teams and Athletes

Oval Concepts is very serious about working with professional athletes. We make a huge investment, not in sponsorships like others but, in product, time and travel (and patents and molds) to work with top athletes, see them perform and analyze how we can provide with even better equipment to help them rise to the next level.

I have been working with professional athletes since 1982. I know that they depend on equipment that performs at the highest level so that they can perform at the highest level. Good equipment cannot win a race, but poor equipment can certainly contribute to losing. And great equipment puts you in a position to do your very best. (That's right, get Fit to Fly!)

And don't forget the Hawthorne Effect that says "for every performance improvement there is an equal and additional psychological improvement." Oval products look cool and feel good too.

At Oval Concepts we work closely with top-level road teams, triathletes and mountain bikers. We give them our thoroughly lab-tested, top-level products and they use them and abuse them like no testing machines can. In a matter of weeks they can stress our products to levels us mere mortals will never reach in a lifetime.

They then give us feedback about fit and function and we use their ideas to constantly improve our products.

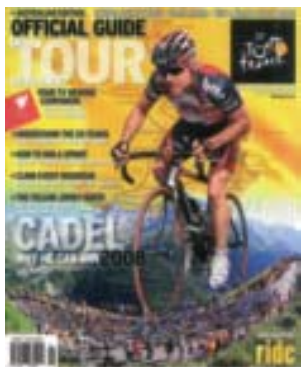
We go to the Tour, Giro, Vuelta and Ironman to study the competition and see how our athletes use our products. We work with team mechanics to set torque specs and re-write our assembly instructions. We go into wind tunnels in different countries with different aero coaches to see how we can deliver the slickest, most adjustable aero product available. We lay in the grass or next to the massage table after events to get first hand ideas on how to go faster more comfortably.

It is not like we do not listen to the "average" athletes who use our products – we do. (And with the advent of e-mail, we take your recommendations to the drawing boards quickly.) It is just that top-level

athletes are paid to perform at the highest levels against the best in the world in conditions most of us refuse to endure. For this reason, their attention to detail is usually light-years ahead of the rest of us.

We work with the best to make our products the best. Come, let us show you.

Morgan Nicol
Founder, President



Pro Tour Teams:

TM



Professional Triathletes:

Michellie Jones
Belinda Granger
Jozsef Major
Fabio Carvahlo
Dede Griesbauer
Nils Goerke
Andreas Niedrig
Marcel Zamora

CycloCross:

Sunweb Projob
Richard Sachs

Special Individuals:

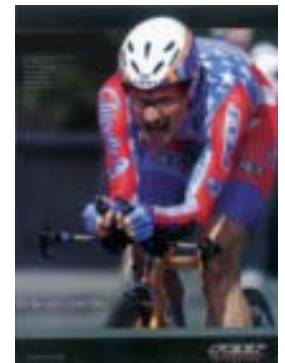
Eric Zabel
Mario Cipollini

Professional Track:

Joan Llaneras
Sarah Hammer
Taylor Phinney
New Zealand National Team
USA National Team

MTB Teams:

Giant Switzerland
Top Cycling Team



Oval Concepts Hall Of Fame



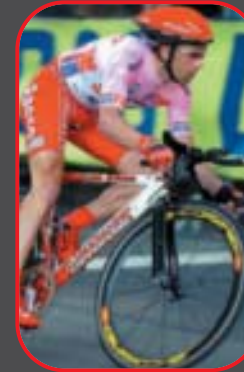
2006 IronMan World Champion



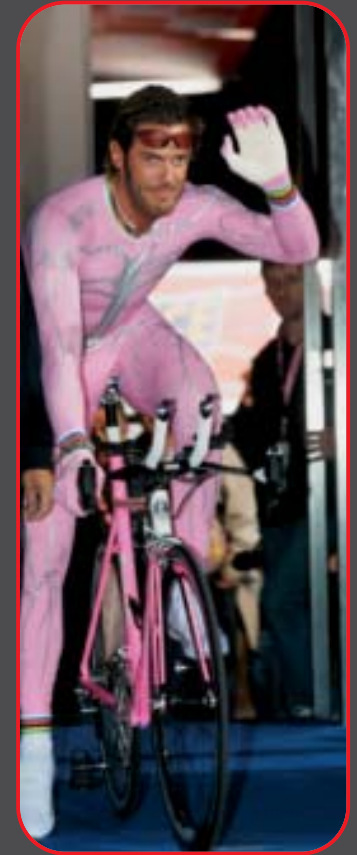
2006 TT World Champion



2005 Tour de France
Stage Winner



2004 Giro d'Italia
Winner



2005 Giro Prologue
Cipo Retirement Party



2006 RAAM Winner



2005 Vuelta a Espana Winner



2007 Tour de France
Stage Winner & 2nd



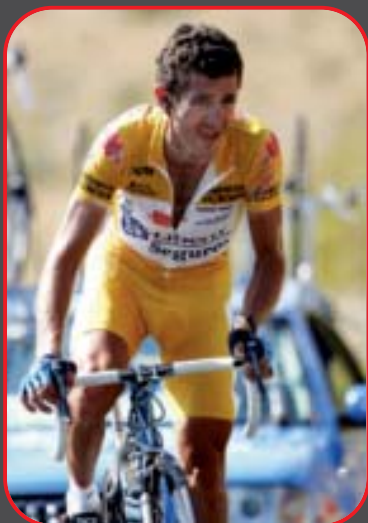
2007 Pursuit
World Champion



Oval Concepts Hall Of Fame



2004 Olympic
TT Gold Medalist



2004 Vuelta a Espana Winner



2006 IronMan Canada Winner



2006 IronMan bike course record



2008 Olympic Points
Race Gold Medalist



2005 Giro d'Italia Winner



2003 World Cup Champion



2005 Tour Down Under Winner



It all boils down to position. Italy's famed framebuilding tradition wasn't founded on custom technology, but custom fit. The Italians understood the value of it early on, and they've been a cycling superpower ever since.

The right fit maximizes power and comfort, and reduces aerodynamic drag. For this, the handlebar, stem and seatpost are critical, especially with the current trend toward compact frames, ultra low-stack headsets and smaller sizing runs.

Some component makers limit you to just a few stem lengths and angles, one or two handlebar bends and very coarse seatpost adjustments. Others create integrated bars and stems in order to save weight or create a unique look. But that comes at the expense of speed and comfort, which is what really matters.

Our components are made in a full range of sizes and ergonomic shapes, with precision adjustment worthy of a Swiss timepiece, and craftsmanship and materials that are truly aerospace grade. We want you to experience the power of proper fit, and stretch the limits of your own potential.

"get Fit to Fly!"



Cadel Evans wins Paris-Nice Stage 5 on Mt. Ventoux



Julian Dean and David Millar lead the Tour of Qatar on their R910 Aero bars



Martijn Maaskant on his way to a superb 4th place in his first Paris-Roubaix

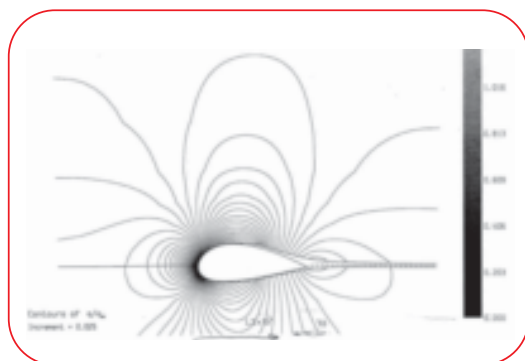


Robbie McEwen wins the Tour of Romandie Stage 2 on his new Ridley Noah with JetStream fork and stays

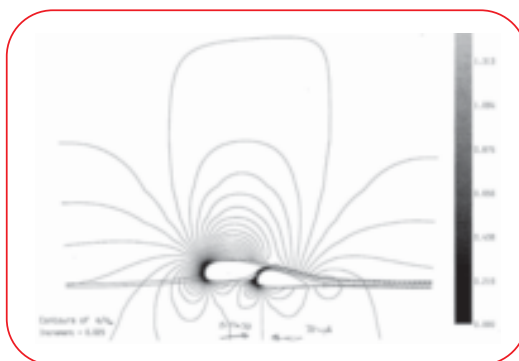
R900 JetStream Road Fork

Utility Patents
US 10/366,760
EU 1 338 499
JP 2003-37330
TW 92102999
CN 03121774.5

Design Patents
US 29/180,554
EU 16696-0001



Single blade forks push air toward the spokes traveling at twice the bike speed on axis 0.00 increasing drag 15% vs. clean air.



JetStream fork blades suck air away from spokes on axis 0.00 reducing drag by 10% vs. clean air.

- Patented JetStream Fork Technology
- 20-30% wheel drag reduction vs. best single blade fork*
- See page 47 for Spec Chart

* MIT Study by Dr. Mark Dreha

R910 Aergo Road Bar w/R700 RBT Stem



*Aergo = Aerodynamic & Ergonomic



Julian Dean and David Millar
lead the Tour of Qatar
on their R910 Aergo bars

- Most Aerodynamic & Ergonomic Bar available
- Incredibly comfortable - on the tops, drops and levers
- One-piece construction ensures durability, stiffness and compliance
- Integrated Kevlar layer acts like an airbag to eliminate catastrophic failure
- Internal Cable Routing (ICR)
- Bars can now be fit with clip-ons with A910 or A710 SCCS
- Available in 26.0 or 31.8 bar clamp
- See page 48 for Spec Chart





R910 Aergo Road Bar w/A910 SCCS Clip-On

ROFAD



Colin Jenkins (CA) leads the pack
at the Olympic Triathlon in Beijing

- Most Aerodynamic & Ergonomic Bar available now with aero clip-on
- A910 or A710 SCCS Clip-on is easy-on, easy-off, adjustable, super light and elegant
- Incredibly comfortable - on the tops, drops, levers and aero position
- One-piece construction ensures durability, stiffness and compliance
- Integrated Kevlar layer acts like an airbag to eliminate catastrophic failure
- See page 48 for Spec Chart



R950 Ergolite Carbon Road Bar



2008 Tour de France 2nd Overall

- Lightest, safest classic road bar available
- Five years on the ProTour without a single failure
- One-piece construction ensures durability, stiffness and compliance
- Integrated Kevlar layer acts like an airbag in case of catastrophic failure
- Can now be fitted with clip-ons using SCCS (see page 24)
- Deep, semi-round drop provides many hand positions
- Slightly heavier R900 carbon bar is also compatible with classic clip-on (see page 29)
- See page 48 for Spec Chart



R700 Ergo & R701 Classic Alloy Road Bar

TM



Johan Van Summeren
creates the split and...

- Light, safe and comfortable alloy road bars are now available with classic round and ergonomic bends
- Aerospace grade triple butted Pechiney 7050 T-6 (used for helicopter rotors) ensures durability, stiffness and compliance
- 50 mm radius bends on tops provide extra hand space
- Perfect bars for road or cyclocross use
- 40 mm wide cylindrical surface outside stem clamp allows for classic or SCCS clip-on use
- See page 48 for Spec Chart



...Leif Hoste rides on to 6th
at Paris-Roubaix



Ergo Bend



Classic Bend

R900 RBT Carbon Road Stem

Reverse Bolt Technology = 



- Structural Carbon Alloy Matrix makes the lightest stiffest, safest stem available
- Perfect blend of alloy clamp security and carbon fiber strength and rigidity
- Elegant RBT design matches all RBT lightweight carbon & aero SCCS upgrades
- Available in all lengths and angles so you can Get Fit to Fly!
- RBT stems routinely test 4-5 times European Norms
- See page 48 for Spec Chart



Bias Cut

Modular

RBT Road Stem Upgrade Kits

Reverse Bolt Technology = 



R710 Aero Front Cap
and R930 Aero Top Cap Upgrade Kits



R710 Aero
Front Cap



R930 Aero
Top Cap



Modular

• See page 48 for Spec Chart

R900 Lightweight Upgrade Kit



Carbon Caps



Ti Bolts



R900 Light Weight RBT
Road Stem Upgrade Kit



Reverse Bolt Technology = 

Complete

R700 RBT Alloy Road Stem

Reverse Bolt Technology = 

R700 Silver



R700 Black

- Elegant RBT design and the wide variety of lengths make the R700 the Oval workhorse
- 3-axis net shape forged 2014 T-6 & RBT makes the lightest, stiffest, safest alloy stem
- Elegant design matches all RBT lightweight carbon/ti & SCCS upgrades
- Available in BB Black or Pearl Silver Body w/ contrasting front cap
- Available in 50-150mm lengths and two angles so you can "get Fit to Fly!"
- See page 48 for Spec Chart



R700
Black/Upgrade

Modular

R710 RBT Alloy Adjustable Road Stem

TM

Reverse Bolt Technology =



- The solution when your frame challenges your ability to "get Fit to Fly!"
- Allows you to test and adjust and test again to ensure you "get Fit to Fly!"
- Elegant design matches all RBT carbon & SCCS upgrades
- Available in 95 to 140mm lengths and adjustable ± 40 degrees
- Available in both Oversize 31.8 mm & standard 26,0
- See page 48 for Spec Chart



2008 Tour de France 2nd Overall



Road Seatposts



R910
Aergo*
Carbon
Post

*Aergo =
Aerodynamic & Ergonomic

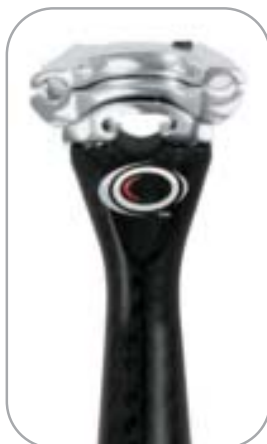


R900
Ergo
Carbon
Post



R700
Ergo
Post

- R910 Swept back head allows 40mm of fore-aft adjustment
- R910 evolved clamping system allows saddle angle adjustment independent of fore-aft position
- Twin Bolt Technology (TBT) 2-bolt clamps place a solid, quiet grip on saddle rails & make proper adjustment easy
- 43mm wide by 38mm deep, cold forged clamps gently cradle lightweight saddle rails
- Marine stainless steel bolts eliminate rust
- See page 48 for Spec Chart



Accessories

ROAD

TM

4mm Hex T-Wrench



R900 Carbon Top Cap
With TI Bolt



R930 Aero Top Cap



R900 Bar Tape



white

Ferrari
red

Silver

Black

R900 Fork Expander



1"



1- 1/8"



R700 Stem Shim





You might think you're racing the other guys, but aerodynamic drag is the real foe. At racing speeds, over level ground, more than 90 percent of your effort is spent pushing the air out of the way. And, sad to say, about 70 percent of that drag comes from your body. Positioning is critical, and for that your handlebar is key.

Oval Concepts' aero bars position your body in the best wind-cheating posture with literally millions of possible adjustments.

Our unique JetStream fork's revolutionary airflow management technology offers a dramatic reduction in front wheel drag. JetStream forks have won 5 grand tours and two IronMan World Championships the past five years.

JetStream bars reduce the drag effect of the rider by gently moving air around legs and torso. JetStream bars have already won a grand tour and set a bike course record in Kona.

Depend on Oval Concepts to help you "get Fit to Fly!"

Aero Philosophies

Complete

Modular

Integrated vs. Complete vs. Modular Aero Bar Systems

INTEGRATED HANDLEBARS are bad. Period. Do not let anyone sell you the idea that integrating a bar and stem (or aero extensions or arm rests) is good because it reduces weight or adds stiffness. It is only a substitute for good design. Regardless if you are speaking of a simple road bar and stem or a complex aero bar system, integrated bar/stem systems limit adjustability exactly where you need it most. The whole purpose of the bar, stem and seat post is to provide adjustability so the more adjustable the system, the better.

COMPLETE AERO BARS come with a standard package containing the bar, extensions, arm rests, pads and sometimes levers. Aero bars boxed complete are nice when the consumer asks, "Hey, I need an aero bar and I am in a hurry!" (At least until the consumer gets home and tries to ride their bike.)

The problem with most other complete, standard aero bar offering is that the consumer is stuck with a system that may not be adjustable enough to fit him properly on his bike. Most complete aero bars have no adjustability at all. At minimum it will

come with fixed extensions and an integrated stem that are too long or too short and therefore not comfortable. They violate the fundamental equation of $\text{Speed} = \text{Power} + \text{Comfort} + \text{Aerodynamics}$. They sap your power, rob you of your comfort and make you a real drag (all puns intended).

At least with Oval Concepts **COMPLETE** aero bars you still get up to 1.2 million incremental adjustments. And if you do want to change extension shape or arm rest color or upgrade to carbon fiber parts you can be sure that all parts are compatible with your original **COMPLETE** bar purchase.

MODULAR AERO BAR SYSTEMS allow you to choose the proper stem length and angle, base bar, clamp system, extension shape and arm rest to put you in your Optimal Aero Position (OAP). You can decide the materials, colors and weight you like at the price you can afford. A modular system lets you choose all the correct parts the first time so you can be sure you are getting (and paying for) exactly what you need.

The best solution is to go to your local bike fit specialist (usually a local shop) and ask them to help you find your OAP. Many

Aero Philosophies

bike fit specialists use Oval Concepts aero bars because they are MODULAR and provide more adjustability than any other aero bars. When they find your OAP then they can suggest the best aero bar kit for you. (We are confident an Oval Concepts bar will be one great option.)

CUSTOM AERO BARS like the 4000 \$/Euro A911 JetStream aero bar are built to the exact specification of the customer. Extension shape, length and angle. arm rest width and height and stem length and angle must all be specified before the super light, super strong and super stiff system is custom bonded together. Even after this bar is delivered, 1260 incremental adjustments can be made by changing stems or arm rest positions. The A911 JetStream CUSTOM bar will never be confused with an integrated system that has no adjustability.

Oval Concepts, the "Fit to Fly!" leader, has two complete MODULAR aero bar systems, one made for One Piece Bars and one for Clip-On Bars. Please consult our aero bar posters for all the details. The Oval Concepts MODULAR Aero Bar Systems are the best systems so far to give you the fit you need, at the price and weight you desire.



Stem Cap Clip-on Systems (SCCS®)*

Classic clip-on bars clamp just outside of the stem clamp area of a road bar. Most road bars are not designed to handle the clamping forces required to safely anchor a classic clip-on. Many road bars taper from 26.0 or 31.8mm diameter to 23.8mm immediately outside the stem clamp area. Many consumers mount their clip-ons in this taper area where they slowly work their way outward, scratching the base bar, rotating and loosening until the system is unsafe and unrideable.

Even if you have a road bar made for a classic clip-on, if you tighten the clamp too little the clip-ons rotate and scratch the base bar. If you tighten the clamp too much you dent the base bar. This scratching or crushing can be frustrating if the bar is aluminum but it is both dangerous and enraging if you paid for a nice carbon bar.

The SCCS clamps solve all of these classic clip-on problems. Bolting a forged SCCS clamp on any Oval Concepts RBT stem allows you to then install extensions and arm rests directly on the cap. Four stem bolts properly torqued and you have the SCCS clip-on mounted on

* patent pending

Friday. Four bolts properly torqued again on Monday and you have your classic front cap back – and your nice road bar is still in great shape.

Once you have a SCCS clamp mounted with your choice of extension, arm rest and arm pad you can insert any shape bar – an exotic shaped aero bar (like the A921 JetStream), a round road bar (even one too delicate for classic clip-ons like the 170 gram R950 ErgoLite) or even a flat road bar (like the R910 Aergo bar).

As Dan Empfield at [slowtwitch.com](http://www.slowtwitch.com) says "To date this is the best shorty system I've seen."

<http://www.slowtwitch.com/mainheadings/techctr/shorty2.html>



2008 Tour de France 2nd Overall

Classic Clip-Ons: Slipping:

Due to handlebar designs and precision mounting requirements they slip at the worst possible time



Scratching:

Because they clamp over your handlebar logos they leave scratches when removed (if you are lucky)



Crushing:

If you over torque your clip-ons to make sure they do not slip then they may crush your expensive bars (unlucky)



Confusing:

There are lots of screws, torques and the worries outlined at left



Out dated:

Mounting on a flat top road bar is impossible



SCCS Clip-Ons: No Slipping:

SCCS clamps are easy to mount and never slip



No Scratching:

SCCS clamps only clamp where your normal stem clamps so no more scratches



No Crushing:

SCCS clamps only clamp where your normal stem clamps so no more crushing



Simple:

Stem cap off, SCCS on, four bolts, no worries.



Cutting Edge:

SCCS is the perfect solution for flat top road bars



A911 OverUnder SCCS

A911 OverUnder SCCS

A921 DoubleOver SCCS

A911 OverUnder SCCS

A910 OverOnly SCCS

Additional Benefits of SCCS



Many Options:

Want to add a clip-on to your flat top road bar?



A910 UnderOnly SCCS

High Profile Option:

Need a high profile position without adding spacers?



A921 DoubleOver SCCS
(or A920 OverOnly SCCS)

Low Profile Option:

Need a low profile position without cutting off your head tube?



A911 OverUnder SCCS
(or A910 UnderOnly SCCS)

Forward Position Option:

Want your arm rests directly above the bars?



A911 OverUnder SCCS
(or A921 DoubleOver SCCS)

Rearward Position Option:

Want your arm rests behind the bars?



A910 UnderOnly SCCS
(or A920 OverOnly SCCS)



A910 UnderOnly SCCS
on R910 Aero Road Bar



A921 DoubleOver SCCS
on R950 ErgoLite Road Bar



A911 OverUnder SCCS
on R950 ErgoLite Road Bar



A911 OverUnder SCCS
on A921 JetStream Aero Bar



A911 OverUnder SCCS
on A921 JetStream Aero Bar



How SCCS works

Step 1



Take the SCCS clamp of your choice
(see following pages for your perfect choice)



Step 2



Choose any Oval RBT stem
(lots of choices to create your perfect position)



TM

How SCCS works

AERO

Step 3



Add the extensions,
arm rests and pads as desired
(again, many choices)

Step 4a



Use four stem bolts to mount on your choice of road...

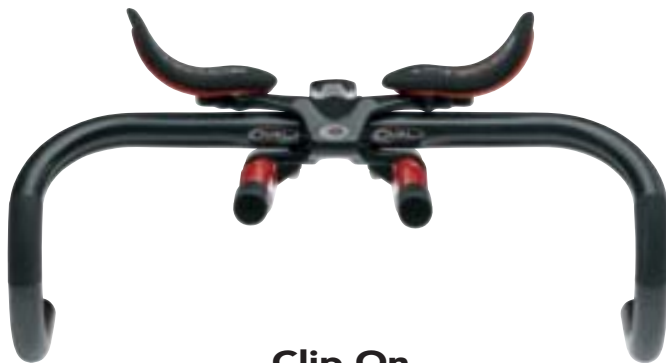
Step 4b



...or aero bars

A911 Carbon & A711 Alloy OverUnder Stem CapClip-On System (SCCS)

- Places extensions below the bars and arm rests above for a low profile position
- Perfect for bikes with high head tubes like the Scott Plasma or Orbea Orca
- Places arm rests directly over bar to leave more space for your knees
- Perfect for people riding in aggressive forward position
- Perfect for people with a shorter torso to leg length ratio (mostly women)
- 7,741,440 incremental adjustments
- See page 46 for Spec Chart



**Clip-On
System**

Modular



**Aero Bar
System**

Modular

A921 Carbon & A721 Alloy DoubleOver Stem Cap Clip-On System (SCCS)

AERO



- Places extensions above the bars and arm rests above extensions for a higher profile position
- Perfect for bikes with short head tubes like the Ridley Dean or Cervelo P3C
- Places arm rests directly over bar to leave more space for your knees
- Perfect for people riding in aggressive forward position
- Perfect for people with a shorter torso to leg length ratio (mostly women)
- 7,741,440 incremental adjustments
- See page 46 for Spec Chart



**Clip-On
System**

Modular



**Aero Bar
System**

Modular

A910 Carbon & A710 Alloy UnderOnly Stem Cap Clip-On System (SCCS)

- Perfect clip-on for flat top road bars like the R910 Aero Bar
- Places extensions below the bars and arm rests directly on extensions for super low profile position
- Perfect for bikes with high head tubes like the Scott Plasma or Orbea Orca
- Places arm rests behind bars to move aero bars closer to rider
- Perfect for people riding road bikes or in less aggressive forward position
- Perfect for people with a longer torso to leg length ratio (mostly men)
- 7,741,440 incremental adjustments
- See page 46 for Spec Chart



**Clip-On
System**

Modular



**Aero Bar
System**

Modular

A920 Carbon & A720 Alloy OverOnly Stem Cap Clip-On System (SCCS)

AERO



- Places extensions above the bars and arm rests directly on extensions for a higher profile position
- Perfect for bikes with short head tubes like the Ridley Dean or Cervelo P3C
- Places arm rests behind bars to move aero bars closer to rider
- Perfect for people riding road bikes or in less aggressive forward position
- Perfect for people with a longer torso to leg length ratio (mostly men)
- 7,741,440 incremental adjustments
- See page 46 for Spec Chart



**Clip-On
System**

Modular



**Aero Bar
System**

Modular

Complete

AERO

A710 SCCS UnderOnly Clip-on Bar

NEW



- Elegant patented SCCS design eases installation, eliminates scratching or cracking bars, improves safety
- Provides aero bar capability to any shape or superlightweight handlebar
- Moves extension and arm rest stresses from the weaker bar to the stronger RBT stem
- Perfect for use with R910 Aero road bar or similar flat top bar
- Includes SCCS clamp, extensions, arm rests, pads, threaded inserts and riser kit
- 43,008 incremental adjustments
- See page 46 for Spec Chart

A720 SCCS OverOnly Clip-on Bar

NEW



- Elegant patented SCCS design eases installation, eliminates scratching or cracking bars, improves safety
- Provides aero bar capability to any shape or superlightweight handlebar
- Moves extension and arm rest stresses from the weaker bar to the stronger RBT stem
- Perfect for use with threaded inserts to mount arm rests directly on extensions
- Includes SCCS clamp, extensions, arm rests, pads, threaded inserts and riser kit
- 53,760 incremental adjustments
- See page 46 for Spec Chart



Colin Jenkins (CA) leads the pack at the Olympic Triathlon in Beijing

Complete

Complete

AERO

A710 Classic Clip-on Bar



- Available in two separate clamp diameters for 26.0 or 31.8 oversize bars
- Most adjustable clip-on bar system yet, due to ability to tilt extensions and arm rest up
- Finely machined clamps to minimize stresses on base bars
- Clamps can be inverted and arm rest mounted directly on extensions above the bars
- 9,676,800 incremental adjustments
- See page 46 for Spec Chart



2006 RAAM Winner

A700 SLAM Clip-On Bar



- Comes with shims so they can be mounted on either 26.0 or 31.8 oversized bars
- Very adjustable, low stress clamp system with wide footprint on bars.
- Designed so you can SLAM arm rests back for use on standard road bikes
- 4,838,400 incremental adjustments
- See page 46 for Spec Chart



2006 IronMan Canada Winner

Complete

A911 JetStream Aero Bar

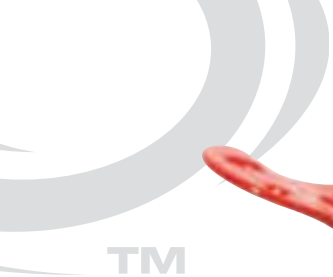
Strongest, stiffest,
lightest and fastest
aero bar

Designed in
Cooperation with the
Jordan/Spyker F1 Team



2008 Tour de France 5th Overall

- Patented JetStream Bar Technology reduces greatest drag effect, the rider, by gently moving air around legs and torso
- Drag reductions of 4 to 9% have been documented
- Designed in cooperation with the Jordan/Midland/Spyker F1 Team
- Twice as strong, twice as stiff and 250 grams lighter than the A901
- If the goal is to win a Grand Tour or IronMan event, this is your bar
- Made in the U.K. at a Formula 1 sub-contractor
- 1260 incremental adjustments after your custom fit is locked in
- Also available as a complete bar (as shown) in three extension lengths
- See page 46 for Spec Chart



2008 Tour de France
5th Overall



2008 Tour de France
2nd Overall

A921 JetStream Complete Aero Bar



- JetStream Technology, huge adjustability and 1/4 the price of the A911
- Patented JetStream Bar Technology reduces greatest drag effect, the rider, by gently moving air around legs and torso
- Designed in cooperation with the Spyker F1 Team
- Packed with the most popular matt black alloy kit for optimal price/performance
- 241,920 incremental adjustments
- Fully upgradeable
- See page 46 for Spec Chart



A921 JetStream Upgrade Aero Bar



- JetStream Technology, huge adjustability and 1/3 the price of the A911
- Patented JetStream Bar Technology reduces greatest drag effect, the rider, by gently moving air around legs and torso
- Designed in cooperation with the Spyker F1 Team
- Your choice of extension shape, extension, arm rest and brake lever material and color
- Shown with all carbon Ferrari Red upgrades for the lightest weight possible
- 241,920 incremental adjustments
- See page 46 for Spec Chart



A901 Laminar Complete Aero Bar



- The most popular, most adjustable carbon aero bar ever
- Perfect touch points, internal cable routing and laminar aerodynamics
- Packed with the most popular matt black alloy kit for optimal price/performance
- 1,209,600 incremental adjustments
- See page 46 for Spec Chart



A901 Laminar Upgrade Aero Bar



- The most popular, most adjustable carbon aero bar ever
- 2006 IronMan World Champion Michellie Jones' bar of choice
- Perfect touch points, internal cable routing and laminar aerodynamics
- Your choice of extension shape, extension, arm rest and brake lever material and color
- Shown with all carbon Ferrari Red upgrades
- 1,209,600 incremental adjustments
- See page 46 for Spec Chart



A701 Laminar Complete Aero Bar



- All the adjustability and aerodynamics of the A901 at half the price
- Proven technology built around a forged center & hydroformed wings mean great value
- Packed with the most popular matt black alloy kit for optimal price/performance
- Absolutely the PERFECT bar for your FIRST aero bike
- 1,209,600 incremental adjustments
- See page 46 for Spec Chart



A701 Laminar Upgrade Aero Bar



A700 Alloy Brake Levers

- All the adjustability and aerodynamics of the A901 at half the price
- Proven technology built around a forged center & hydroformed wings mean great value
- Your choice of extension shape, extension, arm rest and brake lever material and color
- Shown with all carbon Ferrari Red upgrades
- 1,209,600 incremental adjustments
- See page 46 for Spec Chart



A700 Carbon Brake Levers



Aero Bar Parts Brake Levers & Base Bars

Base Bars



A921 JetStream Carbon Base Bar



A901 Laminar Carbon Base Bar



A701 Laminar Alloy Base Bar



A700 Alloy Cow Horn Bar



A921 Carbon
DoubleOver SCCS



A920 Carbon
OverOnly SCCS



A911 Carbon
OverUnder SCCS



A910 Carbon
UnderOnly SCCS



A901 Laminar
Aero Bar Clamps



A710 Classic
Clip-On Clamps



A900 Aero Bar
Brake Lever Pivot Bolt

A700 Threaded Insert

A700 Riser Kit

Aero Bar Parts Extensions, Arm Rests & Pads

TM

A900 Extensions

Double Bend



Single Bend



S-Bend



Straight



A700 Extensions

Double Bend



Single Bend



S-Bend



Straight



A900 Carbon Pad Holders



A700 Alloy Pad Holder



A900 Oval Arm Rest Pads



Three Pad Thicknesses
(5,8,10 mm)



A900 Carbon Brake Levers



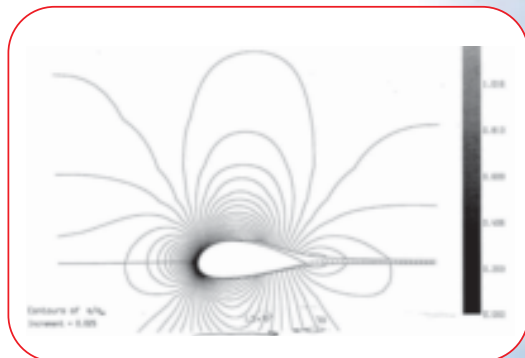
A700 Carbon Brake Levers



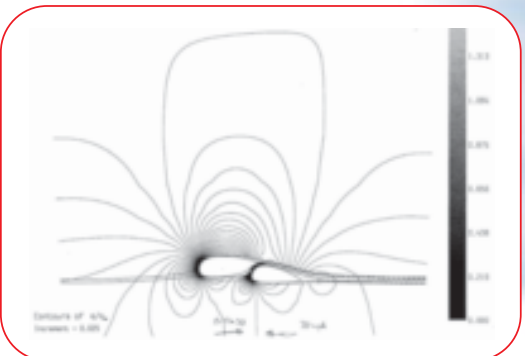
A700 Carbon Brake Levers



A700 Alloy Brake Levers



Single blade forks push air toward the spokes traveling at twice the bike speed on axis 0.00 increasing drag 15% vs. clean air.



JetStream fork blades suck air away from spokes on axis 0.00 reducing drag by 10% vs. clean air.

A900 JetStream Aero Fork 700C/650C

T900 JetStream Track Fork 700C

Utility Patents
US 10/366,760
EU 1 338 499
JP 2003-37330
TW 92102999
CN 03121774.5

Design Patents
US 29/180,554
EU 16696-0001



- Patented JetStream Fork Technology
- 20-30% wheel drag reduction vs. best single blade fork
- Five Grand Tour Victories & two Olympic Gold Medals
- Winner 2006 Ford IronMan World Championships
- See page 49 for Spec Chart

*Based on MIT Study by Dr. Mark Drela



Dede Greisbauer at the 2007 IronMan World Championships

A700 Aero Brakes

- Why create an aero fork & head tube & then clamp a standard road brake (SRB) in front?
- Why create an aero frame and then try to cram a SRB beside the crank?
- The Oval Concepts front brake fits neatly behind most aero forks to reduce drag
- Why create internal cable runs & then need to accommodate SRB cable limitations?
- All Oval Aero brakes are compact (to fit in tight spots), powerful, concise and have flexible cable runs.

Front
brake



Front view



Side view



Top view



2006 IronMan World Champion

Rear
brake



Front view



Side view



Top view



Side view



Front view

Positioning on a mountain bike is absolutely just as critical as on a road, cross or aero bike. While lower speeds eliminate aerodynamics, you must add balance and weighting to maintain traction to the power and comfort equation to maintain speed over rough terrain.

With the multitude of mountain frame designs - hardtail to dual suspension, cross country to downhill - again the handlebar, stem and seat post are the vital components to properly position you on the bike. The variety of Oval Concepts stem lengths and angles, bar rises and sweeps allow proper positioning on virtually any frame.

With most cross country racers and riders doing most of their training on the road, again it is critical to be able to reach the same position on both bikes.

Oval Concepts can be the solution to all your fit needs on all terrains.

Mountain Riser Bars

T800 Riser Bar



T600 Riser Bars



- M800 Flat and T800 Riser carbon bars are perfect for technical x-country training and racing
- Both use seamless 1000K carbon for optimum stress dissipation, durability and lightweight
- A Kevlar® layer eliminates catastrophic failures
- Rough Clamp Technology (RCT®) at stem clamp reduces bar & stem stress
- Alloy inserts @ lever & bar-end eliminate crushing
- Warrantee valid only when using Oval stem
- See page 49 for Spec Chart



2008 Swiss Champion



Mountain Flat Bars

M600 Bar Ends



**M800
Flat Bar**



**M600
Flat Bar**



Mountain Stem M800 RBT Carbon Mountain Stem

Reverse Bolt Technology = 

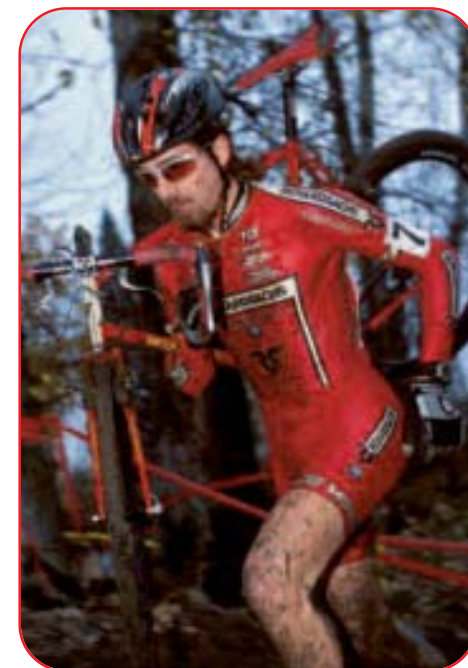


Modular

M800
Upgrade



- Carbon Alloy Matrix makes the lightest, stiffest, safest stem available
- Perfect blend of alloy clamp security and carbon fiber strength and rigidity
- Elegant design matches all RBT carbon & Ti upgrades
- Available in all lengths and angles so you can "get Fit to Fly!"
- RBT stems routinely test 4-5 times European Norms
- See page 49 for Spec Chart



Mountain Seatpost

MTB



- M810 Swept back head allows 40mm of fore-aft adjustment
- M810 evolved clamping system allows saddle angle adjustment independent of fore-aft position
- Twin Bolt Technology (TBT) 2-bolt clamps place a solid, quiet grip on saddle rails & make proper adjustment easy
- 43mm wide by 38mm deep, cold forged clamps gently cradle lightweight saddle rails
- Marine stainless steel bolts eliminate rust
- See page 49 for Spec Chart



One Piece Aero Bar Spec Chart

	JetStream				Laminar				Cow Horn
	A911	A911	A921	A921	A901	A901	A701	A701	A700
	Complete	Custom	Complete	Modular	Complete	Modular	Complete	Modular	Modular
Bar Material	F1 Carbon	F1 Carbon	Carbon	Carbon	Carbon	Carbon	6061 T-6	6061 T-6	6061 T-6
Clamp	None	None	A711 SCCS	Choice	A901	Choice	A901	Choice	Choice
BLARE Material*	Carbon	Carbon	Alloy	Carbon	Alloy	Carbon	Alloy	Carbon	Alloy
BLARE Finish*	Ferrari Red	Choice	BB Black	Choice	BB Black	Choice	BB Black	Choice	BB Black
Extension Shape	S-Bend	Choice	S-Bend	Choice	S-Bend	Choice	S-Bend	Choice	Choice
Adjustments	1260	1260**	241'920	241'920	1'209'600	1'209'600	1'209'600	1'209'600	4'838'400
Bar Width (mm)	380	380	400	400	420	420	400	400	420
Bar Drop (mm)	80	80	12	12	12	12	0	0	
Bar Reach (mm)	180	180	180	180	180	180	180	180	
Bar Diameter (mm)	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
Arm Rest Width (mm)	100 - 190	100 - 190	100 - 260	100 - 260	100 - 390	100 - 390	100 - 390	100 - 390	80 - 170
Arm Rest Angle (degrees)	0 - 25	0 - 25	0 - 25	0 - 25	0 - 40	0 - 40	0 - 40	0 - 40	0 - 25
Arm Rest Height (mm)	6 - 31	6 - 31	45 - 86	45 - 86	6 - 41	6 - 41	6 - 41	6 - 41	16 - 59
Arm Rest Depth (mm)	0 - 50	0 - 50	0 - 30	0 - 30	0 - 30	0 - 30	0 - 30	0 - 30	0 - 30
Extension Length (mm)	220,250,280	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293
Extension Width (mm)	100	100	100	100	80 - 260	80 - 260	80 - 260	80 - 260	80
Extension Angle (degrees)	0	0	0	0	0 - 15	0 - 15	0 - 15	0 - 15	0
Extension Rotation (degrees)	0	0	360	360	360	360	360	360	360
Weight (g)	550	550	850	750	895	795	910	810	475
How Packaged	Complete	Custom	Complete	Modular	Complete	Modular	Complete	Modular	Modular

* BLARE refers to Brake Lever, Arm Rest and Extension

** Adjustments after your custom extension and arm rest positions have been fixed.

Clip-On Aero Bar Spec Chart

	Stem Cap Clip-on System (SCCS)										Classic	SLAM
	A921	A920	A911	A910	A721	A720	A720	A711	A710		A710	A700
	DoubleOver	OverOnly	OverUnder	UnderOnly	DoubleOver	OverOnly	OverOnly	OverUnder	UnderOnly		Clip-On	Clip-On
	Modular	Modular	Modular	Modular	Modular	Complete	Modular	Modular	Modular		Complete	Complete
Clamp Material	Carbon/Alloy	Carbon/Alloy	Carbon/Alloy	Carbon/Alloy	6061 T-6	6061 T-6	6061 T-6	6061 T-6	6061 T-6		6061 T-6	6061 T-6
BLARE Material*	Carbon	Carbon	Carbon	Carbon	Alloy	Alloy	Alloy	Alloy	Alloy		Alloy	Alloy
BLARE Finish	Choice	Choice	Choice	Choice	Choice	BB Black	Choice	Choice	Choice		BB Black	BB Black
Extension Shape	Choice	Choice	Choice	Choice	Choice	S-Bend	Choice	Choice	Choice		Single Bend	Triple Bend
Adjustments	7'741'440	53'760	7'741'440	43'008	7'741'440	53'760	53'760	7'741'440	43'008		4'838'400	4'838'400
Bar Diameter (mm) 26.0 or 31.8	26.0 or 31.8	26.0 or 31.8	26.0	26.0 or 31.8	26.0 or 31.8	26.0 or 31.8	26.0 or 31.8	26.0	26.0 or 31.8		26.0 or 31.8	26.0 & 31.8
Arm Rest Width (mm)	100 - 260	100 - 190	100 - 260	100 - 190	100 - 260	100 - 190	100 - 190	100 - 260	100 - 190		100 - 200	80 - 170
Arm Rest Angle (degrees)	0 - 40	0 - 25	0 - 40	0 - 25	0 - 40	0 - 25	0 - 25	0 - 40	0 - 25		0 - 25	0 - 25
Arm Rest Height (mm)	16 - 59	12 - 59	45 - 86	16 - 59	16 - 59	12 - 59	12 - 59	45 - 86	16 - 59		12 - 59	16 - 59
Arm Rest Depth (mm)	0 - 30	0 - 150	0 - 30	40 - 150	0 - 30	0 - 150	0 - 150	0 - 30	40 - 150		0 - 150	0 - 150
Extension Length (mm)	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293	0 - 293		0 - 293	0 - 293
Extension Width (mm)	100	100	100	100	100	100	100	100	100		80 - 100	80
Extension Angle (degrees)	0	0	0	0	0	0	0	0	0		0	0
Extension Rotation (degrees)	360	60	360	60	360	60	60	360	60		360	360
Weight (g)											395	475
How Packaged	Modular	Modular	Modular	Modular	Modular	Complete	Modular	Modular	Modular		Complete	Complete

* BLARE is Brake Lever, Arm Rest and Extension

Aero Clamp Spec Chart

		A900 SCCS Series				A700 SCCS Series				A700	
		A921 DoubleOver SCCS	A920 OverOnly SCCS	A911 OverUnder SCCS	A910 UnderOnly SCCS	A721 DoubleOver SCCS	A720 OverOnly SCCS	A711 OverUnder SCCS	A710 UnderOnly SCCS	A710 Classic Round	A700 SLAM Round
Blades	Material	Carbon/Alloy Matrix				Forged 6061 T-6				6061 T-6	6061 T-6
	Finish	Carbon Weave				BB Black				BB Black	BB Black
Bar Clamp (mm)		26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0 or 31.8	26.0 & 31.8
Arm Rest	Rise/Drop (+/-mm)*	+45		+12		+45		+12		+18 or +21	
Extension	Rise/Drop (+/-mm)**	+27	+27	-27	-27	+27	+27	-27	-27	+24	+27
Weight (g)		180	136	180	136	195	156	195	156	124	140

* Dimension measured center of bar to center of extension

** Dimension measured center of bar to top of arm rest mount

Aero Extension Spec Chart

		A900				A700				
		Straight	Single Bend	Double Bend	S-Bend	Straight	Single Bend	Double Bend	S-Bend	Triple Bend
Blades	Material	Carbon				6061 T-6				
	Finish	Carbon Weave or Ferrari Red				BB Black				
Dimensions	Length (mm)	300	270	295	300	300	270	295	300	270
	Rise (mm)	0			22.2	0			22.2	-30/+60
	Rise (degrees)		30	30 + 30			30	30 + 30		60
	Diameter (mm)	22.2				22.2				
Hero		Zabriskie	Jones	Millar	Armstrong	Smith	Jones	Bianchi	Olson	Armstrong
Weight (g)		100	100	110	110	150	150	160	160	190

Aero Fork Spec Chart

		Aero				Track	Road
		A900 JetStream Fork				T900 JetStream Fork	R900 JetStream Fork
Blades	Design	JetStream				JetStream	JetStream
	Material	Carbon				Carbon	Carbon
	Finish	Carbon Weave				Carbon Weave	Carbon Weave
Steerer	Material	Carbon				Alloy	Carbon
	Design	Bonded				Bonded	Bonded
	Length (mm)	300				300	300
Wheel Sizes		700C		650C		700C	700C
Steerer Diameter (mm)		28.6	25.4	28.6	25.4	28.6	28.6
Steerer Diameter (in)		1-1/8"	1"	1-1/8"	1"	1-1/8"	1-1/8"
Rake (mm)		44	44	40	40	36	44
Weight (g)		495	485	465	455	595	425



2008 Tour de France 2nd Overall

Road Bar Spec Chart

	Aergo	ErgoLite		Classic	Ergo		
	R910 Carbon	R950 Carbon	R900 Carbon	R701	R700	R500	R300
Material	700K Carbon Weave	800K Carbon Weave	700K Carbon Weave	Pechiney 7050	Pechiney 7050	2014	6066
Treatments	One Piece Construction	One Piece Construction	One Piece Construction	T-6	T-6	T-6	T-6
Graphics	Kevlar Insert	Kevlar Insert	Kevlar Insert	Three Color	Three Color	Silver	Silver
Bend Shape	Aergo	ErgoLite	ErgoLite	Classic	Ergo	Ergo	Ergo
Top Radius (mm)	40	50	50	50	50	50	50
Drop (mm)	130	150	150	144/135	144/135	144	144
Reach (mm)	75	75	75	77/89	77	77	77
Bar Clamp Diameter (mm)	26.0/31.8	26.0/31.8	26.0/31.8	26.0/31.8	26.0/31.8	26.0/31.8	26.0/31.8
Widths (cm)	40,42,44	40,42,44	40,42,44	38,40,42,44	38,40,42,44	40,42,44	40,42,44
Weight (g)	250	180	210	219	219	265	295

Road Stem Spec Chart

	Upgrade Kits*				Reverse Bolt Technology (RBT) Stems				
	R900 RBT Lightweight Upgrade Kit	R910 RBT Aero Front Cap Upgrade Kit	R710 RBT Aero Front Cap Upgrade Kit	R930 Aero Rear Top Cap Upgrade Kit	R900 RBT Stem	R710 RBT Adjustable Stem	R700 RBT Stem	R500 RBT Stem	R300 RBT Stem
Body Material					Carbon/Alloy Matrix	3-Axis Forged 2014 T-6	3-Axis Forged 2014 T-6	3-Axis Forged 2014 T-6	3-Axis Forged 6061 T-6
Finish					Carbon Weave	BB Black	BB Black or Pearl Silver	BB Black	BB Black
Graphics					Three Color	Three Color	Three Color	Silver	Silver
Steerer Clamp					Bias Cut	Bias Cut	Bias Cut	Bias Cut	Bias Cut
Cap Material	Carbon w/Alloy Threads	Carbon/Alloy Matrix	Forged 6061 T-6	Carbon	Forged 2014 T-6	Forged 2014 T-6	Forged 2014 T-6	Forged 6061 T-6	Forged 6061 T-6
Finish	Ferrari Red or Carbon	Carbon	Pearl Silver	Carbon Weave	Pearl Silver	Pearl Silver	Pearl Silver or BB Black	Pearl Silver	BB Black
Graphics	None	Three Color	Three Color	Three Color	None	None	None	None	None
Bolts Material	Titanium w/ Blue Loctite	Titanium w/ Blue Loctite	Marine SS w/ Blue Loctite	Marine SS w/ Blue Loctite	Marine SS w/ Blue Loctite	Marine SS w/ Blue Loctite	Marine SS w/ Blue Loctite	Chromoly	Chromoly
Design Shape					Classic RBT	Adjustable RBT	Classic RBT	Classic RBT	Classic RBT
Lengths Available(mm)					80 - 130	95, 110, 125, 140	80 - 130		
26.0mm x 73 degree					50 - 150		50 - 150	90 - 120	90 - 120
26.0mm x 84 degree					50 - 130		50 - 130	80 - 120	90 - 120
31.8mm x 84 degree									
Steerer Height (mm)									
26.0mm x 73 degree					40	40	40	40	40
26.0mm x 84 degree					40	40	40	40	40
31.8mm x 84 degree					45	45	45	45	45
Steerer Diameter (mm)**					28.6	28.6	28.6	28.6	28.6
Available	Kit	Kit	Kit	Kit	Stock	Stock	Stock	Stock	Stock
Weight (g)	-20	+5	+20	+10	120	190	125	145	160

* Upgrade Kits fit ALL Oval Concepts RBT stems and include front cap and bolts only - no stem body

** 28.6mm to 25.4mm bias cut alloy stem shim available

Road Post Spec Chart

	Aergo	Ergo			
	R910 Aergo TBT Post	R900 TBT Post	R700 TBT Post	R500 TBT Post	R300 TBT Post
Body Material	Carbon	Carbon/Alloy Matrix	3-Axis Forged 7075 T-6	3-Axis Forged 2014 T-6	3-Axis Forged 6061 T-6
Finish	Carbon	Carbon	BB Black or Pearl Silver	BB Black	BB Black
Clamp Material	Forged 2014 T-6	Forged 2014 T-6	Forged 2014 T-6	Forged 6061 T-6	Forged 6061 T-6
Design	Twin Bolt	Twin Bolt	Twin Bolt	Twin Bolt	Twin Bolt
Finish	Pearl Silver	Pearl Silver	Pearl Silver or BB Black	Pearl Silver	BB Black
	BB Interfaces	BB Interfaces	BB Interfaces	BB Interfaces	BB Interfaces
Offset (mm)	10 - 50	25	25	25	25
Length (mm)	280 or 350	280	280 or 400	280	280
Available Diameters (mm)	27.2	27.2 or 31.6	26.8-27.2, 30.9-31.6, 32.4	26.8, 27.2, 31.6	26.8 - 27.2
Weight (g)	170	170	185	210	250



Cadel sends his wife a kiss

Mountain Stem Spec Chart

		Upgrade Kits*	Reverse Bolt Technology (RBT) Stems			
		M800 RBT Lightweight Upgrade Kit	M800 RBT Stem	M600 RBT Stem	M400 RBT Stem	M200 RBT Stem
Body	Material		Carbon/Alloy Matrix	3-Axis Forged 2014 T-6	3-Axis Forged 2014 T-6	3-Axis Forged 6061 T-6
	Finish		Carbon Weave	BB Black	BB Black	BB Black
	Graphics		Three Color	Three Color	Silver	Silver
	Steerer Clamp		Bias Cut		Bias Cut	Bias Cut
Cap	Material	Carbon w/Alloy Threads	Forged 2014 T-6	Forged 2014 T-6	Forged 6061 T-6	Forged 6061 T-6
	Finish	Ferrari Red or Carbon	Pearl Silver	Pearl Silver	Pearl Silver	BB Black
	Graphics	None	None	None	None	None
Bolts	Material	Titanium w/ Blue Loctite	Marine SS w/ Blue Loctite	Marine SS w/ Blue Loctite	Chromoly	Chromoly
Design	Shape		Classic RBT	Classic RBT	Classic RBT	Classic RBT
Bar Clamp Diameter (mm)		31.8	31.8	31.8	31.8	31.8
Angle (degrees)			6	6	6	6
Lengths Available(mm)			90 - 120	80 - 130	80 - 130	90 - 120
Steerer Height (mm)			45	45	45	45
Available		Kit	Stock	Stock	Stock	Stock
Weight (g)		-20	120	135	155	170

* Upgrade Kits fit ALL Oval Concepts RBT stems and include front cap and bolts only - no stem body

Mountain Riser Bar Spec Chart

		T800	T600		T400	T200
		Low Rise Carbon	Low Rise	High Rise	High Rise	High Rise
Material		700K Carbon Weave	Pechiney 7050	Pechiney 7050	2014	6061
	Treatments	One Piece Construction	T-6	T-6	T-6	T-6
	Finish	Carbon Weave	BB Black	BB Black	BB Black	BB Black
Graphics		Three Color	Three Color	Three Color	Silver	Silver
Rise	Height (mm)	20	20	35	35	35
	Sweep (degrees)	10	10	10	10	10
Width (mm)		670	680	680	680	680
Bar Clamp Diameter (mm)		31.8	31.8	31.8	31.8	31.8
Weight (g)		185	230	240	290	320

Mountain Flat Bar Spec Chart

	M800 Carbon	M600	M400	M200
Material	700K Carbon Weave	Pechiney 7050	2014	6061
Treatments	One Piece Construction	T-6	T-6	T-6
Finish	Carbon Weave	BB Black	BB Black	BB Black
Graphics	Three Color	Three Color	Silver	Silver
Sweep (degrees)	5	5	5	5
Width (mm)	580	580	580	680
Bar Clamp Diameter (mm)	31.8	31.8	31.8	31.8
Weight (g)	130	150	160	185

Mountain Post Spec Chart

		Aergo	Ergo			
		M810 Aergo TBT Post	M800 TBT Post	M600 TBT Post	M400 TBT Post	M200 TBT Post
Body	Material	Carbon	Carbon/Alloy Matrix	3-Axis Forged 7075 T-6	3-Axis Forged 2014 T-6	3-Axis Forged 6061 T-6
	Finish	Carbon	Carbon	BB Black or Pearl Silver	BB Black	BB Black
Clamp	Material	Forged 2014 T-6	Forged 2014 T-6	Forged 2014 T-6	Forged 6061 T-6	Forged 6061 T-6
	Design	Twin Bolt	Twin Bolt	Twin Bolt	Twin Bolt	Twin Bolt
	Finish	Pearl Silver	Pearl Silver	Pearl Silver or BB Black	Pearl Silver	BB Black
		BB Interfaces	BB Interfaces	BB Interfaces	BB Interfaces	BB Interfaces
Offset (mm)		10 - 50	25	25	25	25
Length (mm)		350	400	400	400	400
Available Diameters (mm)		27.2	27.2 or 31.6	26.8-27.2, 30.9-31.8, 32.4	26.8-27.2, 30.9-31.8	26.8 - 27.2
Weight (g)		190	190	220	255	295



