

PROFILE DESIGN

2014 Equipment Guide

PROFILE DESIGN 2014

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2X IRONMAN® WORLD CHAMPION CHRIS "MACCA" MCCORMACK ON THE CX3

PHOTO CREDIT: SCOTT FAIRCHILD

PROFILE DESIGN

Our simple endeavor began 26 years ago and what occurred is rather extraordinary. We were born dedicated to purposefully engineer multisport solutions through functional technology and we turned the industry upside down in every category.

We debuted the first integrated armrest carbon aerobar, the Sonic Stryke. We developed the Piggyback, the first rear hydration system. We launched the Fuel Cell, the first between the arms (BTA) hydration solution. We've established testing protocols that exceed industry norms. The culture of innovation at Profile Design continued with the unrivaled level of adjustability in the Aeria. We've spent the last quarter century drafting the blueprints for innovation in aerodynamics, fit and adjustability for triathlon and cycling components and equipment.

World-class triathletes from Chris McCormack to Mirinda Carfrae have turned to us throughout their careers to address their biggest challenges in positioning and technical performance. Amateur athletes of all levels from elites to the final finisher at 16:59:59 affect our development process. Bike fit professionals worldwide turn to us for the products that can be endlessly tweaked and seamlessly combined to achieve the perfect fit for even their most challenging projects.

We pay attention to the details – whether we are designing extension bends for different types of rider's wrist angles, testing aerobar brackets to unparalleled standards or engineering industry-leading brake performance on our new rims, we are constantly pushing the limits of design innovation to increase athlete performance.

26 years later, we continue to evolve and fine-tune the details, setting the standard for better handling, improved aerodynamics, increased adjustability and superior fit.

WELCOME TO THE NEXT QUARTER CENTURY IN MULTISPORT ENGINEERING.

AEROBARS

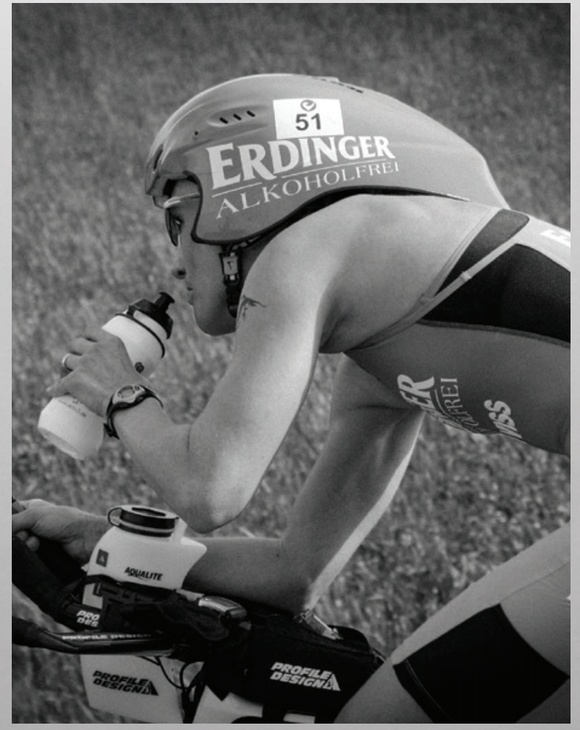
Aerobars are at the very core of our commitment to innovation. Our oft imitated but never replicated line-up has led the industry in design standards, and we've proudly taken home the top title of the Kona Bike Count in aerobars for the better part of the decade. We work with bike fitters worldwide to develop products that address their most in-demand needs with intuitive features in harmony with the fit process. From the unrivaled adjustability of the Aeria to the elegance of the J4 Bracket, we never stop in our quest to improve the adjustability and comfort of our aerobar offering.



WHEELS

With over a dozen World Champions powered to the golden gates of Ali'i Drive on Profile Design product, we knew we were onto something. At the forefront of aerodynamics and industry-leading testing protocols for aerobar systems, we went back to the drawing board to launch our success into the next category. In 2011 we unveiled our Altair wheelsets, and we didn't stop there. We designed brand new proprietary rim shapes through Computational Fluid Dynamics. Well-versed in industry practices for engineering brake performance, we threw it all out and created a brand new procedure. We didn't even use existing manufacturing methods – we partnered up with a team who developed and patented new processes. With category-leading aerodynamic prowess confirmed in wind tunnel and environmental data testing, our new TwentyFour Series wheelsets launch a new standard in both manufacturing and aerodynamics.





HYDRATION

Hydration has been a key component to success in multisport. We've been providing advanced solutions to keep athletes hydrated from the Champs-Élysées to the Queen K. From early favorites like the Fuel Cell and Bullet to the ever-familiar contoured shape of the Aerodrink, our front-end hydration solutions have led the Kona Bike Count for the better part of the last decade. We keep in mind the different hydration needs while training compared to the extreme physiological undertaking of race day. The brand new Aero HC Hydration System focuses on the athlete, debuting ground-breaking features critical to your best performance. And we've extended this tradition into run hydration with our SYNC Hydration System.



IRONMAN® WORLD CHAMPION MIRINDA CARFRAE

ACCESSORIES

Every aspect of the Profile Design line incorporates our thoughtful commitment to the details. We make products that work together with one another, products that can have more than a single purpose, and modular products that can be combined and manipulated to suit a spectrum of riding styles. Every detail is designed to work in harmony with the others, creating the most comprehensive, cross-compatible line-up in the industry.

AEROBARS



U.S. OLYMPIAN + RACE TO THE TOYOTA CUP CHAMPION MATTY REED ON THE AERIA T2

CARBON AEROBARS

The most advanced integrated aerobar system to date from Profile Design. The Aeria captures all facets of our mission: aerodynamics, fit and adjustability. The stackable risers, armrest width, length and rotational adjustment combined with ability to use any four of our leading carbon extension bends creates a range of adjustability that allows fitters the freedom to fit any athlete with simplicity. With only 8 hidden marine grade bolts controlling 6 points of adjustment, this elegant design can be adapted in thousands of ways to fit any type of rider.

AERIA T2

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: 31.8MM
WEIGHT: 648G



1 WING
UCI compliant 3:1, aerodynamic full carbon fiber wing has zero drop from clamp to brake extensions. Combined with a shorter reach, this design translates to better control.

2 INTEGRATED BRACKETS
Lightweight, simple and easy to install and adjust– this patent pending bracket system simultaneously clamps the extensions while attaching the brackets to the wing. The design has a smaller profile in the wind creating less drag while minimizing corrosion issues from exposed bolts.

3 STACKABLE RISERS
Fine-tune armrest/extension height to get a perfect blend of aerodynamics, power and comfort. Adjustable from 55mm to 110mm in 5mm increments.

AERIA T4

Keeps the aggressive position of the Aeria T2 with a more relaxed wrist angle, the Aeria T4 has been sought out by athletes of all levels looking to optimize their fit while maintaining comfort without sacrificing performance.

COLOR: GLOSS UD
CARBON
CLAMP: 31.8MM
WEIGHT: 656G

NEW



T+ CARBON SERIES J4 BRACKET/F-35 ARMREST

Refined adjustability combined with utmost stability, the J4 Bracket and F-35 Armrest debut a new fit standard across the entire T+ Carbon Series line. With 8 points of adjustment, the J4 Bracket can be fine-tuned to the millimeter to optimize the aero position. Paired with the broad aluminum F-35 armrest and supportive EVA foam pad, the system provides stability and all-day comfort.





J4 BRACKET

- Integrated forged and CNC'd 6061-T6 aluminum bracket system
- Patent pending in-line wedge system for reduced drag and even clamping forces
- Single bolt extension length and rotation adjustment
- Offset armrest to increase adjustment range
- Ability to increase stack up to 80mm with aftermarket Aerobar Bracket Riser Kit



F-35 ARMREST

- 6061-T6 Aluminum platform with pre-applied Velcro
- 3 position fore/aft adjustment along with 15° of rotational adjustment to dial in the fit
- Large surface area with contoured edges to provide support and relieve pressure points
- EVA foam Pads available in 3 thicknesses: Race - 10mm, Standard - 16mm, or LUX - 21mm thickness
- Pad features antibacterial and antimicrobial Lycra cover



F-35 Pad Height



10mm



16mm



21mm

F-35 Rotation Adjustment



F-35 Width Adjustment



F-35 Fore / Aft Adjustment



T+ CARBON SERIES

T1+ VIPER

IRONMAN
Official Product of the Ironman Triathlon

SPECIFICATIONS

- Carbon fiber multi-position ergonomic ski bend extensions
- 6061-T6 aluminum forged brackets
- F-35 anatomic armrests
- J4 Brackets with adjustable extensions and armrests

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 590G





T2+ CARBON

SPECIFICATIONS

- Carbon fiber ergonomic S bend extensions with 30mm rise
- 6061-T6 aluminum forged brackets
- F-35 anatomic armrests
- J4 Brackets with adjustable extensions and armrests

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 584G



T3+ CARBON

SPECIFICATIONS

- Carbon fiber ergonomic multi-position drop bend extensions
- 6061-T6 aluminum forged brackets
- F-35 anatomic armrests
- J4 Brackets with adjustable extensions and armrests

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 620G



T4+ CARBON

SPECIFICATIONS

- Carbon Fiber ergonomic shallow angle ski bend extensions
- 6061-T6 aluminum forged brackets
- F-35 anatomic armrests
- J4 Brackets with adjustable extensions and armrests

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 600G



CARBON STRYKE

SPECIFICATIONS

- Carbon fiber ergonomic bend extensions suitable for aggressive position
- F-19 adjustable anatomic armrests
- ZB arm bracket system
- Compatible with flip-up ZB

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 600G



T+ ALUMINUM SERIES J2 BRACKET/F-19 ARMREST

The redesigned J2 Bracket and F-19 Armrest on our T+ Aluminum Series is the ultimate example of our collaboration with fitters and athletes that we have been so proudly supporting for the last 25 years. We took the most adjustable aerobar bracket system on the market and increased the ease of use as well as the comfort level for athletes.



J2 BRACKET

- Forged and CNC'd 6061-T6 aluminum bracket
- Marine-quality 12.9 grade bolts for corrosion resistance and additional strength
- The bracket, isolated from the basebar bracket, allows for a wide range of armrest adjustment possibilities
- Easily adjustable in length and angular rotation for customized fit
- Ability to increase stack up to 80mm with aftermarket Aerobar Bracket Riser Kit



F-19 ARMREST

- 6061-T6 Aluminum platform with pre-applied Velcro
- 4 position fore/aft adjustment along with 15° of rotational adjustment to dial in the fit
- Ergonomic surface area with contoured edges to provide support and relieve pressure points
- EVA foam Pads available in Standard - 16mm thickness or LUX - 21mm thickness
- Pad features antibacterial and antimicrobial Lycra cover



T+ ALUMINUM SERIES

T1+ ALUMINUM

SPECIFICATIONS
- Multi-position ski bend extension for triathlon or TT
- 6061-T6 aluminum extensions and forged brackets
- F-19 adjustable anatomic armrests
- J2 Brackets for an adjustable arm position

COLOR: ANODIZED MATTE BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 545G



T2+ ALUMINUM

SPECIFICATIONS
- Standard S bend with a 30mm rise suitable for triathlon or TT
- 6061-T6 aluminum extensions and forged brackets
- F-19 adjustable anatomic armrests
- J2 Brackets for an adjustable arm position

COLOR: ANODIZED MATTE BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 500G

T2+ DL

SPECIFICATIONS
- ITU draft legal S bend extension with proper installation
- 6061-T6 aluminum extensions and forged brackets
- F-19 adjustable anatomic armrests

COLOR: ANODIZED MATTE BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 444G





T3+ ALUMINUM

SPECIFICATIONS
- Multi-position drop bend extensions suitable for triathlon or TT
- 6061-T6 aluminum extensions and forged brackets
- F-19 adjustable anatomic armrests
- J2 Brackets for an adjustable arm position

COLOR: ANODIZED MATTE BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 530G



T4+ ALUMINUM

SPECIFICATIONS
- Shallow angle ski bend extension suitable for triathlon or TT
- 6061-T6 aluminum extensions and forged brackets
- F-19 adjustable anatomic armrests
- J2 Brackets for an adjustable arm position

COLOR: ANODIZED MATTE BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 469G



ALUMINUM AEROBARS

ZBS S-BEND

SPECIFICATIONS
- 6061-T6 aluminum extensions and forged brackets
- F-19 adjustable anatomic armrests
- ZBS brackets for a lower arm position

COLOR: GLOSS BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
LENGTH : 225, 245, 265MM LENGTHS
WEIGHT: 426G (245MM)



AIRSTRYKE

SPECIFICATIONS
- Forged 6061-T6 Aluminum clip-on extension with flip-up arm rests
- F-19 adjustable anatomic armrests

COLOR: ANODIZED BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 528G



AIRSTRYKE - S

SPECIFICATIONS
- Looped S bend extension for multiple hand positions
- Forged 6061-T6 aluminum extension with flip-up brackets
- F-19 adjustable anatomic armrests
- Compatible with non-flip ZB arm brackets & our Swiftshift

COLOR: ANODIZED BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 542G



JAMMER GT

SPECIFICATIONS
- 6061-T6 aluminum extensions and forged brackets
- Length, width, and rotational extension adjustment
- F-19 length and rotationally adjustable armrests

COLOR: ANODIZED BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 512G



CENTURY

SPECIFICATIONS
- Low armrest bridges and three mount positions

COLOR: ANODIZED BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 572G



LEGACY

SPECIFICATIONS
- Split extension with low armrest bridges and three mount positions

COLOR: ANODIZED BLACK
CLAMP: FITS 26.0MM & 31.8MM BARS
WEIGHT: 565G





PHOTO CREDIT: INGO KUTSCHE

CHRISTIAN BRADER

CARBON BASEBARS

SVET R

SPECIFICATIONS

- New reversible wing improves Svet fit for bikes with smaller headtubes
- Multi-direction, multi-layer carbon fiber
- 3:1 compliant Wing Section
- Ergonomic straight brake extensions
- Pre-slotted internal cable routing (Di2 Compatible)

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP: 20, 24, 26MM
WEIGHT: 200-210G

NEW



SVET ZERO

SPECIFICATIONS

- Multi-direction, multi-layer carbon fiber
- 3:1 compliant wing section with zero drop
- Ergonomic straight brake extensions
- Pre-slotted internal cable routing (Di2 Compatible)

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: 31.8MM
WIDTH : 38, 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP: 0MM
WEIGHT: 200-210G



PROSVET

SPECIFICATIONS

- Multi-direction, multi-layer carbon fiber
- Deep aero wing section (exceeds 3:1)
- Ergonomic multi hand position brake extensions
- Pre-slotted internal cable routing (Di 2 compatible)

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP: 20, 24, 26MM
WEIGHT: 200-220G



VIPER WING

IRONMAN
Official Product of the Ironman Triathlon

SPECIFICATIONS

- Multi-direction, multi-layer carbon fiber
- 3:1 compliant Wing section

COLOR: GLOSS UD CARBON OR WHITE
CLAMP: 31.8MM
WIDTH : 40, 42, 44, 46CM WIDE (CENTER TO CENTER)
DROP: 20, 24, 26MM
WEIGHT: 195-210G



ALUMINUM BASE BARS

OZERO

SPECIFICATIONS

- Advanced aerodynamic design using hydroform technology and welded brake extensions
- Deep aero wing section (exceeds 3:1)

COLOR: GLOSS BLACK
CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP: 20MM
WEIGHT: 285G



OZERO TT

SPECIFICATIONS

- Advanced aerodynamic design using hydroform technology
- 3:1 compliant Wing Section

COLOR: GLOSS BLACK
CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP: 20MM
WEIGHT: 285G

NEW



T2 WING

SPECIFICATIONS

- Double-butted 6061-T6 aluminum
- 3:1 compliant Wing Section

CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP: 0MM
WEIGHT: 250-265G



AIRWING OS

SPECIFICATIONS

- Double-butted 6061-T6 aluminum
- Increased drop for aggressive TT position

COLOR: ANODIZED BLACK
CLAMP: 31.8MM
WIDTH : 40, 42CM WIDE (CENTER TO CENTER)
DROP: 35MM
WEIGHT: 230-250G



STOKER 26

SPECIFICATIONS

- Double-butted 6061-T6 aluminum
- Allows for the widest mount for a clip-on aerobar

COLOR: ANODIZED BLACK
CLAMP: 26.0MM
WIDTH : 40, 42, 44, 47CM WIDE (CENTER TO CENTER)
DROP: 35MM
WEIGHT: 235-250G



BRAKE SYSTEMS

3/ONE C BRAKE LEVER

SPECIFICATIONS

- Ergonomic carbon fiber lever paired with injected composite mount
- Articulated, single finger design
- Compatible with all Profile Design bars

COLOR: GLOSS CARBON
WEIGHT: 110G/SET



NEW



3/ONE A BRAKE LEVER

SPECIFICATIONS

- Ergonomic, forged 6061-T6 Aluminum lever paired with injected composite mount
- Articulated, single finger design
- Compatible with all Profile Design bars

COLOR: ANODIZED BLACK
WEIGHT: 122G/SET



NEW





PHOTO CREDIT: REINHARD EISENBAUER

ROAD BARS



PHOTO CREDIT: REINHARD EISENBAUER

CANTA ERGO



SPECIFICATIONS

- High modulus carbon fiber
- Clip-on aerobar compatible
- Ergonomic drop bar with short reach and shallow drop

COLOR: GLOSS UD CARBON, WHITE
CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP/REACH : 125MM/70MM
WEIGHT: 317G (42CM)

CANTA SS

SPECIFICATIONS

- Multi-direction, multi-layer carbon fiber
- Semi-anatomic drops with a short reach and shallow drop

COLOR: GLOSS UD CARBON
CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP/REACH : 125MM/70MM
WEIGHT: 204G (42CM)



LEGRA SS

SPECIFICATIONS

- Double-butted 7050-T6 aluminum
- Semi-anatomic bend with short reach and shallow drop
- Clip-on aerobar compatible

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM
WIDTH : 38, 40, 42, 44, 46CM WIDE (CENTER TO CENTER)
DROP/REACH : 125MM/70MM
WEIGHT: 280G (42CM)



DINO SS

SPECIFICATIONS

- Double-butted 6061-T6 aluminum
- Semi-anatomic bend with short reach and shallow drop
- Clip-on aerobar compatible

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM
WIDTH : 38, 40, 42, 44, 46CM WIDE (CENTER TO CENTER)
DROP/REACH : 125MM/70MM
WEIGHT: 307G (42CM)



LARGO

SPECIFICATIONS

- Double-butted 6061-T6 aluminum
- Semi-anatomic bend with extended reach and ergonomic drop
- Clip-on aerobar compatible

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM
WIDTH : 40, 42, 44CM WIDE (CENTER TO CENTER)
DROP/REACH : 135MM/110MM
WEIGHT: 285G (42CM)



STEMS

AERIA

SPECIFICATIONS

- 3D Forged 6061-T6 Aluminum
- Patent Pending front clamp system provides easier installation, more secure attachment while hiding the front bolts for a cleaner and more aerodynamic profile.

COLOR: BLACK
CLAMP: 31.8MM
STEERER DIAMETER: 1 1/8" (1" W/SHIM)
RISE: 73°
WEIGHT: 150G (110MM)
LENGTH: 70MM - 110MM



CANTA

SPECIFICATIONS

- 3-D Forged 7075-T6 Alloy

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM
STEERER DIA: 1 1/8" (1" W/SHIM)
RISE: 84°/6°
WEIGHT: 119-128G
LENGTH: 70MM - 120MM



LEGRA

SPECIFICATIONS

- 3-D Forged 2014-T6 Alloy

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM
STEERER DIA: 1 1/8" (1" W/SHIM)
RISE: 84°/6°
WEIGHT: 138-166G
LENGTH: 70MM - 120MM



ARIS

SPECIFICATIONS

- 3-D Forged 6061-T6 Alloy

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM & 26.0MM
STEERER DIA: 1 1/8" (1" W/SHIM)
RISE: 83°/97° & 115°/65°
WEIGHT: 155-170G
LENGTH: 60MM - 130MM



DINO

SPECIFICATIONS

- 3-D Forged 6061-T6 Alloy

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM
STEERER DIA: 1 1/8" (1" W/SHIM)
RISE: 84°/6°
WEIGHT: 154-190G
LENGTH: 70MM - 120MM



SEAT POSTS

CANTA ZERO

SPECIFICATIONS

- High modulus carbon fiber
- Forged 6061-T6 Aluminum head, upper and lower clamps

COLOR: GLOSS UD CARBON
DIAMETER: 27.2MM & 31.6MM
LENGTH : 350MM
OFFSET : 0MM
HEAD: 2 BOLT
WEIGHT: 210G



CANTA

SPECIFICATIONS

- High modulus carbon fiber
- Forged 6061-T6 Aluminum upper and lower clamps

COLOR: GLOSS UD CARBON
DIAMETER: 27.2MM & 31.6MM
LENGTH : 350MM
OFFSET : 25MM
HEAD: 2 BOLT, NON-REVERSIBLE
WEIGHT: 241G (31.6MM)



LEGRA

SPECIFICATIONS

- 3D Forged 6061-T6 Aluminum
- 3D forged 6061-T6 Aluminum upper and lower clamps

COLOR: ANODIZED MATTE BLACK
DIAMETER: 27.2MM & 31.6MM
LENGTH: 350MM
OFFSET: 25MM
HEAD: 2 BOLT, NON-REVERSIBLE
WEIGHT: 313G (31.6MM)



FAST FORWARD CARBON

SPECIFICATIONS

- Changes a 73° seat tube angle frame to 78°

COLOR: GLOSS UD CARBON
DIAMETER: 27.2MM & 31.6MM
LENGTH : 300MM
OFFSET : 38MM (FORWARD)
WEIGHT: 210/240G



FAST FORWARD ALUMINUM

SPECIFICATIONS

- Changes a 73° seat tube angle to 78° seat tube angle
- 6061-T6 aluminum construction

COLOR: ANODIZED MATTE BLACK
DIAMETER: 27.2MM & 31.6MM
LENGTH: 300MM
OFFSET: 38MM (FORWARD)
WEIGHT: 310G

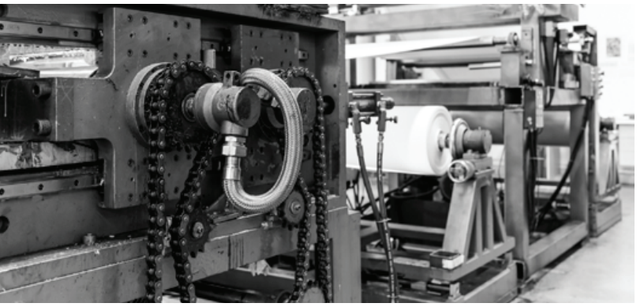


WHEELS



TWENTYFOUR SERIES WHEELSETS

We didn't take the traditional route and adopt manufacturing procedures available to just anyone, we developed our own. While other wheelsets focus only on the obvious features like rim depth and shape, we invest in every detail down to improvements in the brake pads and quick releases. While other wheel manufacturers shop from a catalog of already assembled pieces, we drew the blueprints for our own components and formulated the recipe for our own proprietary carbon fiber. The Altair series were great wheels. But with our attention to detail, perfection is always a half mile further down the road.



PATENTED PRODUCTION PROCESSES

TwentyFour Series wheelsets are crafted with our own proprietary pre-preg carbon fiber formula. The critical area of the full carbon clincher – clincher bead, tire bed and brake track – are created using a patented automated process that creates a uniform carbon layup increasing compaction and reducing voids. This results in a structure that is stronger, stiffer, and more heat tolerant.



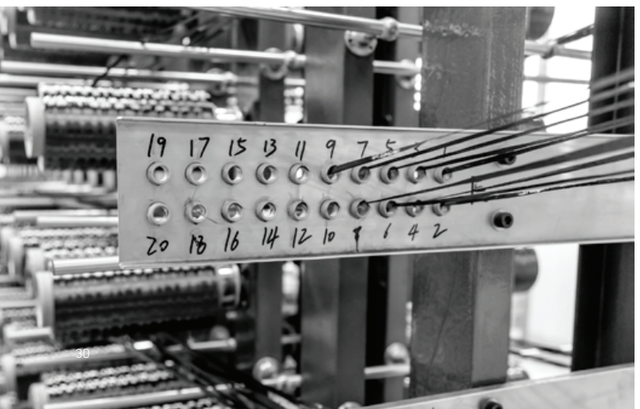


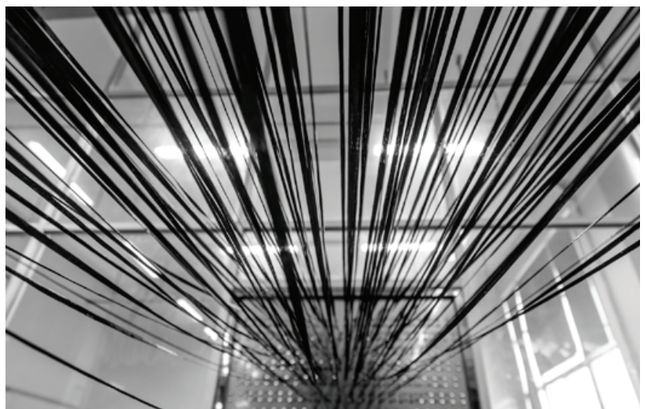




SUPERIOR BRAKE PERFORMANCE

The conversion of kinetic energy into heat energy is what gives brakes their stopping power. Rather than using the consistently failing attempts at reducing the temperature produced by braking, we rejected what has become accepted practice, and instead increased the heat capacity of our materials. These rims, paired with our custom formulated brake pads; result in more consistent braking power and reduced braking distances over that of other carbon fiber wheelsets.





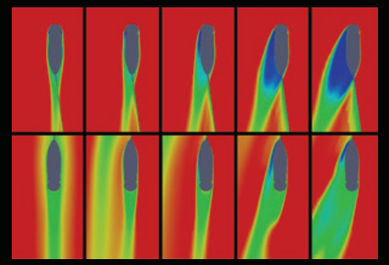
UCI APPROVAL

Having survived rigorous testing procedures, the full range of Profile Design road wheels are also officially certified by the UCI for road and track competitions around the world.





WIND TUNNEL AND AERODYNAMICS



COMPUTATIONAL FLUID DYNAMICS

We analyzed weather and wind speed data from popular long-distance triathlon courses around the world. Knowing that the wind rarely hits you head on, we set out to engineer rim shapes to combat the varying conditions and wind angles experienced on the race course.

Using Computational Fluid Dynamics, we designed, tested and revised hundreds of rim shapes to find the very nuances that affect aerodynamics and handling. These virtual simulations provided flow and drag patterns that allowed us to determine which parameters were optimal in order to reduce drag and lift. Sorting through months of generated data and diagrams, we selected the top three performing rims, each with unique characteristics for their specific purpose.



WIND TUNNEL

We wrote a protocol to test our wheels in the most challenging environments, across the most commonly seen wind angles. Unlike most companies we tested with wheels in a bike with wind speeds typically experienced by athletes. The 58/TwentyFour wheelset produced off-the-chart results confirming a robust drag profile even in moderate to significant crosswinds. The 78/TwentyFour proved fast at the wind angles most commonly seen in high-speed time trials and triathlons.



COURSE MODELING

Blindly applying tunnel data to the unpredictable force of Mother Nature didn't add up to us. We took our tunnel data one step further and developed a course modeling formula that would give us a real world look into aerodynamic performance. We tested our final numbers against actual wind speeds and angles from all 112 miles of the 2012 Ironman World Championship bike course. Our data was more than validated - we found the most common wind angles on triathlon's most revered course fell right in line with the peak performance of the TwentyFour Series wheelsets.

TWENTYFOUR SERIES CLINCHER

78/TWENTYFOUR CLINCHERS

NEW



SPECIFICATIONS

- CFD and wind tunnel developed proprietary carbon fiber 78mm deep section clincher rim
- Proprietary precision machined alloy hubs
- Sapim CX Ray spokes with Sapim Polyax double square nipples
- Sealed cartridge bearings
- Hand-built assembly
- 11/10S Shimano compatible. Campag aftermarket freehub
- Includes carbon specific brake pads, QR, valve extenders, rim strip, tire levers, spokes & nipples (2 front, 4 rear)

SIZE: 700C X 20H FRONT/24H REAR, RADIAL LACED FRONT, RADIAL LACED NON DRIVE/2X DRIVE.
COLOR: UD CARBON FINISH, BLACK HUBS, BLACK SPOKES
WEIGHT: FRONT: 830G - REAR: 990G - TOTAL: 1820G

58/TWENTYFOUR CLINCHERS

NEW



SPECIFICATIONS

- CFD and wind tunnel developed proprietary carbon fiber 58mm deep section clincher rim
- Proprietary precision machined alloy hubs
- Sapim CX Ray spokes with Sapim Polyax double square nipples
- Sealed cartridge bearings
- Hand-built assembly
- 11/10S Shimano compatible. Campag aftermarket freehub
- Includes carbon specific brake pads, QR, valve extenders, rim strip, tire levers, spokes & nipples (2 front, 4 rear)

SIZE: 700C X 20H FRONT/24H REAR, RADIAL LACED FRONT, RADIAL LACED NON DRIVE/2X DRIVE.
COLOR: UD CARBON FINISH, BLACK HUBS, BLACK SPOKES
WEIGHT: FRONT: 730G - REAR: 900G - TOTAL: 1630G

38/TWENTYFOUR CLINCHERS

NEW



SPECIFICATIONS

- CFD developed proprietary carbon fiber 38mm deep section clincher rim
- Proprietary precision machined alloy hubs
- Sapim CX Ray spokes with Sapim Polyax double square nipples
- Sealed cartridge bearings
- Hand-built assembly
- 11/10S Shimano compatible. Campag aftermarket freehub
- Includes carbon specific brake pads, QR, valve extenders, rim strip, tire levers, spokes & nipples (2 front, 4 rear)

SIZE: 700C X 20H FRONT/24H REAR, RADIAL LACED FRONT, RADIAL LACED NON DRIVE/2X DRIVE.
COLOR: UD CARBON FINISH, BLACK HUBS, BLACK SPOKES
WEIGHT: FRONT: 660G - REAR: 818G - TOTAL: 1478G

TWENTYFOUR SERIES TUBULAR

78/TWENTYFOUR TUBULARS

NEW



SPECIFICATIONS

- CFD and wind tunnel developed proprietary carbon fiber 78mm deep section tubular rim
- Proprietary precision machined alloy hubs
- Sapim CX Ray spokes with Sapim Polyax double square nipples
- Sealed cartridge bearings
- Hand-built assembly
- 11/10S Shimano compatible. Campag aftermarket freehub
- Includes carbon specific brake pads, QR, valve extenders, spokes & nipples (2 front, 4 rear)

SIZE: 700C X 20H FRONT/24H REAR, RADIAL LACED FRONT,
RADIAL LACED NON DRIVE/2X DRIVE.
COLOR: UD CARBON FINISH, BLACK HUBS, BLACK SPOKES
WEIGHT: FRONT: 700G - REAR: 875G - TOTAL: 1575G



58/TWENTYFOUR TUBULARS

NEW



SPECIFICATIONS

- CFD and wind tunnel developed proprietary carbon fiber 58mm deep section tubular rim
- Proprietary precision machined alloy hubs
- Sapim CX Ray spokes with Sapim Polyax double square nipples
- Sealed cartridge bearings
- Hand-built assembly
- 11/10S Shimano compatible. Campag aftermarket freehub
- Includes carbon specific brake pads, QR, valve extenders, spoke/valve tool, spokes & nipples (2 front, 4 rear)

SIZE: 700C X 20H FRONT/24H REAR, RADIAL LACED FRONT, RADIAL LACED NON DRIVE/2X DRIVE.
COLOR: UD CARBON FINISH, BLACK HUBS, BLACK SPOKES
WEIGHT: FRONT: 624G - REAR: 739G - TOTAL: 1435G



DISC SERIES

ALTAIR DISC



SPECIFICATIONS

- Rigid Nomex honeycomb core with tublar rim
- Rear hub 130mm spacing with 2 in 1 System: Shimano/Sram converts to fixed with replaceable axle
- Includes QR and brake pads

SIZE: 700C
COLOR : UD CARBON FINISH WITH COLORED DECALS, BLACK HUBS
WEIGHT: 1325G

ARMADA ALUMINUM SERIES

ARMADA 30



SPECIFICATIONS

- Extruded 6061-T6 Aluminum 30mm aero section rim
- Proprietary precision machined alloy hubs with custom depth flanges for extra stiffness
- Sealed cartridge bearings
- Hand-built assembly
- Includes QR

SIZE: 700C X 20H FRONT/24H REAR, RADIAL FRONT, RADIAL NON-DRIVE/2X DRIVE REAR
COLOR: BLACK GLOSS FINISH WITH COLORED DECALS, BLACK HUBS AND BLACK SPOKES
WEIGHT: SET - 1676G, F - 739G, R - 937G (W/O QR)

ARMADA 38



SPECIFICATIONS

- Extruded 6061-T6 Aluminum 38mm deep-aero section rim
- Proprietary precision machined alloy hubs with custom depth flanges for extra stiffness
- Sealed cartridge bearings
- Hand-built assembly
- Includes QR

SIZE: 700C X 20H FRONT/24H REAR, RADIAL FRONT, RADIAL NON-DRIVE/2X DRIVE REAR
COLOR: BLACK GLOSS FINISH WITH COLORED DECALS, BLACK HUBS AND BLACK SPOKES
WEIGHT: SET - 1870G, F - 842G, R - 1029G (W/O QR)



SADDLES

TRI STRYKE Ti



SPECIFICATIONS
- Cut-away with vents
- Triathlon specific design
- Extra padding for all day comfort

COLOR: BLACK/WHITE, BLACK/BLACK
RAILS: TITANIUM
WEIGHT: 285G

TRI STRYKE CHROMOLY



SPECIFICATIONS
- Cut-away with vents
- Triathlon specific design
- Extra padding for all day comfort

COLOR: BLACK/WHITE, BLACK/BLACK
RAILS: CHROMOLY
WEIGHT: 310G

TRI STRYKE SOLID



SPECIFICATIONS
- Triathlon specific design
- Extra padding for all day comfort
- Nose and tail designed to fit over transition

COLOR: BLACK/WHITE, BLACK/BLACK
RAILS: TITANIUM
WEIGHT: 295G

KONA MEN'S

IRONMAN Official Product of the Ironman Triathlon

SPECIFICATIONS
- The official saddle of Ironman Triathlon
- Vented cover to facilitate moisture transfer
- Triathlon specific design

COLOR: BLACK
RAILS: TITANIUM
WEIGHT: 295G



KONA WOMEN'S

IRONMAN Official Product of the Ironman Triathlon

SPECIFICATIONS
- The official saddle of Ironman Triathlon
- Vented cover to facilitate moisture transfer
- Triathlon specific design

COLOR: BLACK
RAILS: TITANIUM
WEIGHT: 298G



HYDRATION

CHALLENGE CHAMPION DYLAN MCNEICE
ON THE NEW TWENTYFOUR SERIES WHEELSETS, AERIA T2 + AERO HC HYDRATION SYSTEM

HYDRATION SYSTEMS & KAGES

AERO HC HYDRATION SYSTEM

Sleek, convenient and designed for every detail. The Aero HC Hydration System debuts a refillable front mounted bottle strategically positioned between the rider's arms for a hidden, sleek aerodynamic profile.

The system features 4 points of independent adjustment as well as the ability to mount on different brackets for the ultimate solution for a wide range of positioning.



SPECIFICATIONS

- Flip cap for quick and easy refill and no splash
- Aerodynamic shrouded straw mount
- Aerodynamic removable nose aids in the cleaning process
- Bracket attaches to the aerobar extensions and offers width as well as length adjustment
- Cage and computer mount are independently length adjustable on the bracket
- Independent computer mount integrates with the bracket and hides the computer behind the bottle for an additional aerodynamic advantage

CAPACITY: 28OZ (828ML)
CONSTRUCTION : BPA-FREE, FOODSAFE HDPE BOTTLE, INJECTED NYLON/GF BRACKET AND COMPUTER MOUNT
WIDTH ADJUSTMENT (C-C): 80MM-120MM
WEIGHT: SYSTEM – 248G, BRACKET ONLY – 138G



AERODRINK

SPECIFICATIONS

- Easy re-fill no splash cap
- Compatible with narrow mounting aerobars
- Combine with Aerodrink bracket or Basebar Bracket

CAPACITY: 32 OZ (945ML)
WEIGHT: 171G



INSULATED AERODRINK

SPECIFICATIONS

- Easy re-fill no splash cap
- Insulated to keep beverages cold
- Compatible with narrow mounting aerobars
- Combine with Aerodrink bracket or Basebar Bracket

CAPACITY: 22 OZ (650ML)
WEIGHT: 210G



AQUALITE

SPECIFICATIONS

- Easy re-fill no splash cap
- Compatible with narrow mounting aerobars
- Combine with Aerodrink bracket or Basebar Bracket

CAPACITY: 22 OZ (650ML)
WEIGHT: 95G



RZ2 BOTTLE & CAGE

SPECIFICATIONS

- Aerodynamic, contoured shape with recessed hand grips and an integrated cap
- BPA free & foodsafe bottle & cap
- Injection composite cage

CAPACITY: 20 OZ (590ML)
WEIGHT: 141G



AQUACELL

SPECIFICATIONS

- Dual chamber aerobar mounted drink system
- Compatible with narrow mounting aerobars
- Combine with Aerodrink bracket or Basebar Bracket

CAPACITY: 27 OZ/17 OZ (590ML/500ML)
WEIGHT: 310G



AERODRINK BRACKET

SPECIFICATIONS

- Attaches to bars with Velcro® straps (included)
- Secure Velcro bottle mounting
- Adjusts to 140mm wide

WEIGHT: 31G



AERODRINK BASEBAR BRACKET

SPECIFICATIONS

- Injected nylon/glass fiber
- Mounts to base bar
- Secure attachment for the Aerodrink, Aqualite, Insulated Aerodrink & Aquacell
- Includes adapter to attach a standard bottle cage

WEIGHT: 75G



HC MOUNT

SPECIFICATIONS

- 6061 T6 Aluminium
- Width compatibility: up to 130mm
- The system is offered with or without Profile Design KA1 cage

WEIGHT: 24G (PAIR, CROSSBARS ONLY)



HYDRATION SYSTEMS & KAGES

RMS

NEW



SPECIFICATIONS
- 6061-T6 Forged Aluminum
- Includes 1 lightweight Profile Design Kage
- Angle adjustable
- Compatible with standard 7mm saddle rails
- Includes CO2 mounting brackets

COLOR: MATTE BLACK
WEIGHT: 150G

RMC

SPECIFICATIONS
- Carbon fiber rear drink system with accessory mounting straps
- Extra storage area has room for accessories
- Compatible with standard 7mm saddle rails
- Available w/ or w/o cages

COLOR: GLOSS CARBON, WHITE
WEIGHT: 120G (W/O CAGES)



RM1

SPECIFICATIONS
- 6061-T6 Forged Aluminum
- Includes 2 lightweight Profile Design Kages
- Angle adjustable
- Compatible with standard 7mm saddle rails
- Includes CO2 mounting brackets

COLOR: MATTE BLACK, WHITE
WEIGHT: 190G



AQUA RACK

SPECIFICATIONS
- 6061-T6 aluminum clamp and extension
- Includes 2 lightweight Profile Design Kages
- Includes CO2 mounting brackets Fits 31.6mm TO 27.2MM SEATPOSTS (SHIM INCLUDED)

COLOR: MATTE BLACK, WHITE
WEIGHT: 171G



AERO E-PACK

SPECIFICATIONS
- Top tube mounted pack mounts behind the stem and tapers to the top tube to help smooth airflow
- Zippered top, 3 bottom velcro straps and 2 front velcro straps

SIZE: 240 X 50 X 70MM, 525CM3
COLOR: BLACK
WEIGHT: 50G



NYLON –ZIPPERED E-PACK

SPECIFICATIONS
- Top-tube mounted pack
- Nylon construction with zippered top and zippered inner compartment
- Padded sides maintain shape

LARGE - 120MM X 90MM X 35MM
SMALL - 120MM X 70MM X 35MM
COLOR: BLACK NYLON



E-PACK

SPECIFICATIONS
- Top-tube mounted pack
- Padded sides maintain shape

LARGE - 150 X 50 X 90MM, 386CM3
SMALL - 75 X 40 X 105MM, 220CM3
COLOR: BLACK, RED, GREY
WEIGHT: LARGE: 30G, SMALL: 15G



AXIS KAGE

NEW



SPECIFICATIONS
- Unique bottle grip prevents bottle launching
- Applicable for all road or trail conditions

COLOR: BLACK WITH WHITE, RED WITH WHITE, WHITE WITH BLACK
WEIGHT: 45G

AXIS KARBON KAGE

NEW



SPECIFICATIONS
- Unique bottle grip prevents bottle launching
- Applicable for all road or trail conditions

COLOR: CARBON BLACK WITH RED, YELLOW, BLUE, PINK OR SILVER TRIM
WEIGHT: 33G

STRYKE KAGE



SPECIFICATIONS
- Injected molded nylon/fiberglass

COLOR: MATTE BLACK, RED, BLUE, YELLOW, WHITE
WEIGHT: 40G

KAGE



SPECIFICATIONS
- Nylon/fiberglass non-marking construction

COLOR: BLACK, WHITE
WEIGHT: 52G

FUSE KAGE



SPECIFICATIONS
- Nylon/glass fiber

COLOR: MATTE BLACK, RED, BLUE, YELLOW
WEIGHT: 37G

WATER BOTTLE



SPECIFICATIONS
CAPACITY: 20 OZ (590ML)

INSULATED WATER BOTTLE



SPECIFICATIONS
- Maintains the temperature of cold liquids for 1 hour
- Keeps liquids cool for up to 3 hours

CAPACITY: 16 OZ (473ML)



13X IRONMAN-DISTANCE CHAMPION BELINDA GRANGER

RUN HYDRATION / ACCESSORIES



SYNC HYDRATION SYSTEM



FEATURES:

- Single hand operation, secure engagement
- Universal left/right bracket
- Lightweight injected composite brackets
- "No leak" cap and tab bottles
- 8oz /235mL capacity
- BPA free and food safe
- Textured injected EVA foam bracket pads
- Elastic belt closure for custom fit
- Reflective piping and accents

COLORS: BLACK BELT WITH BLACK, BLUE, PINK OR RED TRIM, WHITE BELT WITH BLACK, BLUE, PINK OR RED TRIM

SIZE CHART: XS: 25-28" (71CM)
S: 28-31" (78CM)
M: 31-34" (86CM)
L: 34-37" (94CM)
XL: 37-40" (101CM)



ONE HANDED DEPLOYMENT

WITH A SIMPLE FLICK OF THE WRIST, THE BOTTLES ARE EASILY REMOVED AND REPLACED.



FULLY ADJUSTABLE

BOTTLE BRACKETS CAN BE MOVED ALONG THE BELT AND RE-SECURED TO WHATEVER POSITIONING IS MOST COMFORTABLE FOR YOU.



NO LEAK CAPS

2 STAGE CAP AND TAB PREVENT LEAKS WHILE IN MOTION.



POUCHES

A FULL RANGE OF POUCHES ARE AVAILABLE TO ADD ON THE BELT TO FIT ENERGY GELS, CELL PHONES, KEYS AND ANYTHING ELSE YOU NEED TO CARRY WITH YOU.

SYNC BOTTLE / BRACKET KIT

FEATURES:

- Integrates with the Sync Hydration System

INCLUDES: TWO INJECTION MOLDED BRACKETS, ERGONOMIC 8OZ/235ML BPA-FREE FOOD-SAFE BOTTLES WITH "NO LEAK" CAPS, AND TETURED EVA FOAM VELCRO BACKED PADS

COLORS: BLACK, RED, BLUE OR PINK



SYNC BOTTLE KIT

FEATURES:

- Two ergonomic 8oz/235mL BPA-free food-safe bottles with "no leak" caps
- Fits Sync brackets

COLORS: CLEAR WITH BLACK, RED, BLUE OR PINK CAPS



SYNC NEOPRENE POUCH

- Neoprene pouch designed to integrate with the Sync Hydration System
- Includes reflective piping and Velcro closure for easy access

COLOR: BLACK

SIZES: SMALL: 80MM X 80MM
SMART PHONE POUCH: 80MM X 130MM
LARGE: 110MM X 110MM



RACE NUMBER BELT

- Adjustable elastic race number belt with minimal buckle, reflective tabs and easy to install locks

COLORS: BLACK, WHITE, RED, BLUE OR PINK



SYNC NYLON ZIPPERED POUCH

- Nylon pouch designed to integrate with the Sync Hydration System
- Zippered outer closure for secure but easy access
- Zippered inner compartment

COLOR: BLACK

SIZES: SMALL: 120MM X 70MM X 30MM
LARGE: 120MM X 90MM X 30MM



GEL-READY RACE NUMBER BELT

- Adjustable elastic race number belt with minimal buckle
- Reflective tabs and easy to install locks
- Includes room for 6 gel packets per side

COLORS: BLACK, WHITE, RED, BLUE OR PINK



TIMING CHIP BAND

- Neoprene construction with Velcro loop closure

COLOR: BLACK NEOPRENE



ELASTIC LACES & LOCKS

- Durable, elastic laces for quick transitions
- Includes 2 lace locks

COLORS: BLACK, WHITE, RED, BLUE OR PINK





WETSUITS

BETTY FIT, A WOMEN'S SPECIFIC WETSUIT PATTERN:
SMALLER NECKLINE | PROPORTIONALLY SMALLER SHOULDERS AND ARMS | SMALLER ARMHOLES (SLEEVELESS SUITS) | ACCOMMODATION FOR BUST HIGHER, NARROWER WAIST | WIDER HIPS AND THIGHS | SHORTER ZIPPER IN SMALLER SIZES | SMALLER LOGOS AND GRAPHICS

M:2 WETSUIT

- 4.0mm Air Dome SCS-Nano Chest/Torso
- 2.0mm SCS-Nano outside/ .5mm perforated cell middle/ 1.5 mm with jersey lining inside
- Buoyancy: air trapped in perforated middle layer =better buoyancy than solid 5mm panel
- Improved Flexibility
- Durability: Less prone to fingernail/overstretch tears than 5mm thick panels. Stronger seams next to thinner areas (collar, shoulders, and sleeves.)
- 1.5mm #40 SCS Nano sleeves and shoulders
- 1.0mm #40 Shaped collar 2 layers, low profile, SCS Nano inside and out. Aplix hook/loop back closure

LEGS:	4.0MM SCS NANO #39 FRONT/ BACK THIGHS 3.0MM SCS NANO #39 FRONT / BACK CALVES 3.0MM RIBBED BACK KNEE COMFORT PANEL 2.5MM RIBBED CALF SPEED SLICE
BACK:	2.5MM CENTER FLOATING ZIPPER PANEL , 3.0 SIDE BACK IMPROVED LOW BACK FIT, UPPER BACK FLEXIBILITY YKK REVERSE ZIPPER YKK REVERSE ZIPPER
CONSTRUCTION:	GLUED, BLIND-STITCHED, AND REINFORCED SEAMS
MATERIALS:	YAMAMOTO #39 AND #40 NEOPRENE: 100% SPONGE RUBBER LAMINATED TO NYLON OR POLYESTER JERSEY
SIZES: MEN:	XS-XXL
WOMEN:	XS-XXL, BETTY FIT WOMEN'S SPECIFIC DESIGN





4.0MM AIR DOME SCS-NANO CHEST
Middle perforated layer adds buoyancy and reduces weight. Provides same or better buoyancy than non-layered 5mm.



1.5MM #40 SCS NANO SLEEVES, SHOULDERS, UNDERARMS
Allows unrestricted shoulder extension, rotation and arm flexion promoting efficient swim stroke.



1.0MM #40 SHAPED COLLAR
Two layers, SCS Nano inside and out. Bonded low profile with snug watertight seal eliminates neck discomfort.



4.0MM SCS NANO LEGS
Ribbed back knee comfort panel and ribbed calf speed slice for speedy transitions.

MARLIN WETSUIT

SPECIFICATIONS
- 5.0mm SCS Chest/Torso/Upper thighs
- 3.0mm SCS Knees to Ankles front and back
- 1.5mm Collar lower profile, SCS inside and out
- Aplix hook/loop back closure secure when wet
- 2.5mm center back floating zipper panel
- Improved lower back fit, upper back flexibility
- Long-lasting YKK zipper
- 1.5mm #39 SCS sleeves and shoulders w/non-absorbent stretch jersey lining

CONSTRUCTION: GLUED, BLINDSTITCHED AND REINFORCED SEAMS
MATERIALS: YAMAMOTO #39 NEOPRENE: 100% SPONGE RUBBER LAMINATED TO NYLON OR POLYESTER JERSEY
SIZES: MEN: XS-XXL
WOMEN: XS-XXL, BETTY FIT WOMEN'S SPECIFIC DESIGN



WAHOO FULL & SLEEVELESS WETSUIT

SPECIFICATIONS
- Lightweight, low-density, high-buoyancy XFLEX 360 neoprene w/ hydrodynamic coating
- 4mm chest, torso, and thighs
- 1.5mm sleeves
- 3mm front and back calves
- 3.0mm smooth skin back
- Smooth, water-repellent nylon and polyester jersey lining
- "Short cut" sleeves and legs are 1-2" shorter to allow larger openings for quick transitions and full view of wrist watch, computer, GPS, or other electronics
- YKK zipper

CONSTRUCTION: GLUED, BLINDSTITCHED, AND REINFORCED SEAMS
MATERIALS: NEOPRENE CONSTRUCTED OF 100% SPONGE RUBBER LAMINATED TO NYLON OR POLYESTER JERSEY
SIZES: MEN: XS-XXL
WOMEN: XS-XXL, BETTY FIT WOMEN'S SPECIFIC DESIGN



MAKO LS SPEEDSUIT

SPECIFICATIONS
- 20" inseam streamlines legs while still easy to remove in transition
- 14" YKK Zipper with nylon pull cord
- Betty Fit Women's Specific Design: proportionally smaller armholes, appropriately curved waist, hips, and thighs.

CONSTRUCTION: LOW PROFILE FLATLOCK STITCHED
FABRIC 1: 53% NON FIBROUS SPONGE RUBBER,
FABRIC 2: NYLON 71%, SPANDEX 29%, 47% NYLON JERSEY
SIZES: MEN: XS-XXL
WOMEN: XS-XXL, BETTY FIT WOMEN'S SPECIFIC DESIGN: PROPORTIONALLY SMALLER ARMHOLES, APPROPRIATELY CURVED WAIST, HIPS, AND THIGHS.
NOTE: THE MAKO LS IS A NON-BUOYANT GARMENT FOR NON-WETSUIT LEGAL TRIATHLON SWIM RACING**, AND IS MEANT TO BE WORN OVER RACE CLOTHING AND REMOVED AFTER THE SWIM.



MAKO TXT SPEEDSUIT

THIS SPEEDSUIT FEATURES THE FASTEST AND MOST DRAG REDUCING 100% TEXTILE SWIM FABRIC AVAILABLE. KNEE-LENGTH LEGS ARE QUICK IN TRANSITION AND COMPLY WITH NEW SPEEDSUIT RULES FOR IRONMAN AND IRONMAN 70.3 RACING.

SPECIFICATIONS
- Yamamoto BRS TX2S: Most Advanced streamlining 100% textile fabric available. No neoprene content, non-buoyant
- BRS-TX2S Fabric is extremely lightweight, water resistant, non-absorbent, tightly knit for optimal compression and streamlining
- WTC* Compliant: Follows new rules for speedsuits outlined by World Triathlon Corporation effective September 1, 2010
- Garment streamlines triathlon clothing and is removed after swim.
- High Spandex fabric inserts allow tight but not constricting fit
- 9" inseam streamlines legs while still easy to remove in transition
- 14" YKK Zipper with nylon pull cord

CONSTRUCTION: LOW PROFILE FLATLOCK STITCHED
FABRIC 1: 1: 80% POLYESTER, 20% POLYURETHANE (WEIGHT 180 GMS/M2)
FABRIC 2: NYLON 71%, SPANDEX 29% (WEIGHT 161GMS/M2)
SIZES: MEN: XS-XXL
WOMEN: XS-XXL, BETTY FIT WOMEN'S SPECIFIC DESIGN
FABRIC 1 IS FINA APPROVED, BUT MAKO TXT IS NOT DESIGNED FOR POOL OR OPEN WATER SWIM COMPETITIONS UNLESS SPECIFICALLY APPROVED BY INDIVIDUAL RACE DIRECTORS.

WORLD TRIATHLON CORPORATION, PARENT COMPANY OF IRONMAN, IRONMAN 70.3, IRONGIRL, AND IRONKIDS RACES.



ACCESSORIES



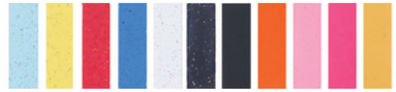
GRIPS & TAPE

BAR WRAP

SPECIFICATIONS
- Synthetic cork with real cork added
- Non-adhesive backed available in solid and splash colors. Adhesive backed in Black, White, Blue, Red, Yellow solid

WEIGHT: 55G/PAIR

SOLID COLORS



SPLASH COLORS



LOGO WRAP

SPECIFICATIONS
- Synthetic cork with real cork added
- Non-adhesive backed
- Embossed Profile Design logo

COLOR: BLACK
WEIGHT: 55G/PAIR



SHOCK WRAP WITH GEL

SPECIFICATIONS
- Gel cushion
- Non-adhesive backed

COLORS: YELLOW, RED, BLUE, WHITE, BLACK
WEIGHT: 75G/PAIR



KARBON WRAP

SPECIFICATIONS
- Adhesive backing only
- Includes Karbon Plugs

COLORS: SIMULATED BLACK & SILVER KARBON
WEIGHT: 50G/PAIR



AERO GRIP

SPECIFICATIONS
- Kraton Rubber
- Absorbs road shock and increases grip

WEIGHT: 50G/PAIR



AEROBAR BRACKET RISER KIT

Achieve optimal positioning with the Aerobar Bracket Riser Kit. Easily adds height and quickly adapts T+ Carbon Series, T+ Aluminum Series and ZBS Aerobars to fit a wide range of riding styles.

- Compatible with T+ Carbon Series, T+ Aluminum Series and ZBS Aerobars
- Kit includes two 10mm risers, two 5mm risers and appropriate length bolts
- Multiple kits can be used to reach desired height for up to 80mm of rise
- Raises armrests and extensions together to maintain comfortable wrist position
- Not recommended for use with Carbon Stryke

CLAMP DIAMETER: 31.8MM
WEIGHT: 10MM: 14G, 5MM: 7G





T1+ VIPER EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- Multi-layered carbon fiber
- 22.2mm outer diameter

COLOR: GLOSS UD CARBON, WHITE
WEIGHT: 182G/PAIR



T3+ CARBON EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- Multi-layered carbon fiber
- 22.2mm outer diameter

COLOR: GLOSS UD CARBON, WHITE
WEIGHT: 175G/PAIR



T1+ EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- 22.2mm outer diameter
- 6061-T6 aluminum

COLOR: GLOSS UD CARBON, WHITE
WEIGHT: 200G/PAIR



T3+ EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- 22.2mm outer diameter
- 6061-T6 aluminum

COLOR: ANODIZED MATTE BLACK
WEIGHT: 190G/PAIR



T2+ CARBON EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- Multi-layered carbon fiber
- 22.2mm outer diameter

COLOR: GLOSS UD CARBON, WHITE
WEIGHT: 132G/PAIR



T4+ CARBON EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- Multi-layered carbon fiber
- 22.2mm outer diameter

COLOR: GLOSS UD CARBON, WHITE
WEIGHT: 164G/PAIR



T2+ EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- 22.2mm outer diameter
- 6061-T6 aluminum

COLOR: ANODIZED MATTE BLACK
WEIGHT: 162G/PAIR



T4+ EXTENSIONS

- Pre-drilled for bar-end shifter cable routing
- 22.2mm outer diameter
- 6061-T6 aluminum

COLOR: ANODIZED MATTE BLACK
WEIGHT: 204G/PAIR



AEROBAR ACCESSORIES

F-25 C ARMREST KIT

- 15 degrees of rotational adjustment
- Pads and mounting hardware included

WEIGHT: 75G



F-25I ARMREST KIT

- 15 degrees of rotational adjustment
- Pads and mounting hardware included

WEIGHT: 85G



F-19A ARMREST KIT

- Stamped 6061-T6 ALuminum arm rest construction
- 12˚ of rotational adjustment

WEIGHT: 153G



F-19 & F-22 REPLACEMENT PADS

- Velcro back style for easy replacement

WEIGHT: 39-44G



F-19 LUX PADS

- Velcro back style for easy replacement
- 21mm thick EVA foam with Lycra® cover

WEIGHT: 26G/PAIR



MULTI-FIT SYSTEM KIT

- Allows early PD aerobars to work with 26.0mm and 31.8mm handlebars
- Includes F-19 adjustable armrests
- 6061-T6 forged aluminum

WEIGHT: 642G



J2 BRACKET KIT

- Used to replace the J3 or J4 brackets on the carbon aerobars to increase arm rests for/ aft adjustability



J3 BRACKET KIT

- 6061-T6 Aluminum
- Allows for wider armrest mounting



J4 BRACKET KIT

- Patent pending clamp system allows for convenient, quick and easy extension adjustment

CONSTRUCTION:FORGED & CNC 6061-T6 AL
COLOR:MATTE BLACK
CLAMP DIAMETER:31.8MM BRACKET, 22.2MM EXTENSION
WEIGHT:226G/PAIR (INCL BOLTS, BOTTOM BRACKETS, WEDGES)



VENTURI PADS

- Replacement for Century Aerobar
- Adhesive backing (Venturi)

WEIGHT: 39 GRAMS/PAIR (VENTURI),
132G/PAIR (VENTURI VELCRO)



ZB BRACKET KITS

- Two kits to choose from: 26.0mm, 31.8mm base bars
- 6061-T6 forged aluminum
- Fixed or flip up styles

WEIGHT: 65-70G



F-35A ARMREST

- Includes adhesive backed F-35 Standard Velcro pads
- Stamped and machined 6061-T6 AL

COLOR: MATTE BLACK
WEIGHT: 84G PER PAIR



F-35C ARMREST KIT

- 15 degrees of rotational adjustment
- F-35 Standard Pads and mounting hardware included

WEIGHT: 70G



F-35I ARMREST KIT

- Non-adjustable injected armrest
- F-35 Race Pads and mounting hardware included

WEIGHT: 75G



F-35 ADJUSTABLE ARMREST KIT

- 15 degrees of rotational adjustment
- Pads and mounting hardware included

WEIGHT: 75G



F-35 STANDARD PADS

- Velcro backing for easy replacement
- 15mm thick EVA foam with Lycra® cover

WEIGHT: 26G/PAIR



F-35 RACE PADS

- Velcro backing for easy replacement
- 10mm thick EVA foam with Lycra® cover

WEIGHT: 26G/PAIR



F-35 LUX PADS

- Velcro backing for easy replacement
- 20mm thick EVA foam with Lycra® cover

WEIGHT: 34G/PAIR



UCM AEROBRIDGE

- Width adjustable aero bridge that can also be positioned between the aerobar extensions as a computer or accessory mount.
- Width adjustable from 70-120mm
- Injected composite construction includes clamps for Ø22.2 & Ø26.0



UCM & UCM XL

- No tools required for installation
- Two sizes (25mm & 60mm) are available to fit all applications.

WEIGHT: 14-22G



ACCESSORIES

CARBON HEADSET SPACERS



SPECIFICATIONS

- 2, 3, 5mm (packs of 10 each) and 10 or 20mm (packs of 5 each)
- Available for 1-1/8" steerer Tubes

WEIGHT: 1-10G

GAP CAP



SPECIFICATIONS

- Works with threadless steerer tube
- Composite wedges
- Fits 1" or 1-1/8" steerer tubes, aluminum or Karbon top cap

WEIGHT: 30-45G

KARBON PLUGS



COLOR: SIMULATED BLACK, SIMULATED GREY
WEIGHT: 50G/PAIR

MTB ACCESSORIES

LOGO GRIP



SPECIFICATIONS

- Injection molded construction
- Soft compound rubber

LENGTH: STANDARD OR TWIST SHIFT
COLORS: BLACK, CLEAR, YELLOW, BLUE, OR RED
WEIGHT: 92G

ULTRA FR / ULTRA FR OS MTB BAR



SPECIFICATIONS

- Double-butted 6061-T6 aluminum construction
- Shot peened and anodized finish

CLAMP:25.4MM & 31.8MM BAR CLAMP DIAMETER
WIDTH/SWEEP: 660MM WIDE, 10° SWEEP
RISE: 40 OR 60MM RISES
COLOR: MATTE BLACK
WEIGHT:285-350G

DOUBLE DUROMETER GRIP



SPECIFICATIONS

- Injection molded construction
- Softer compound surrounding harder compound isolates vibration for more comfort

COLORS:BLACK/GRAY, YELLOW/RED, RED/BLACK, GRAY/BLACK, OR BLUE/BLACK
WEIGHT: 85G



BRIEF & BOXER BAR ENDS



SPECIFICATIONS

- 6061-T6 forged aluminum construction
- Offset clamp design allows for more room on the handlebar

COLORS: MATTE BLACK OR MATTE SILVER
WEIGHT: 150G/170G/PAIR

BOA STEM



SPECIFICATIONS

- 3-D Forged 6061-T6 Alloy

COLOR: ANODIZED MATTE BLACK
CLAMP: 31.8MM & 25.4MM
STEERER DIA: 1 1/8" (1" W/SHIM)
RISE: 10°, 20° & 30°
WEIGHT: 185G - 250G
LENGTH: 60MM - 120MM (DEPENDING ON RISE)

THREADLESS CONVERTER

SPECIFICATIONS

- Converts all quill style forks to use threadless stems

WEIGHT: 50G
SIZE: 1"-1", 1 1/8TH" - 1 1/8TH", 1" - 1 1/8TH"



WHEEL ACCESSORIES

TIRE LEVERS



SPECIFICATIONS

- Compact 3 piece tire lever set designed to ease tire installation and prevent rim damage

CO2 MOUNTING BRACKETS

SPECIFICATIONS

- Attaches to any of our rear mounted drink systems or under bottle cage
- Allows mounting of 2 standard threaded CO2 mounts per bracket

WEIGHT: 23G



VALVE EXTENDER SET



SPECIFICATIONS

- Available in 52mm or 80mm

CO2 HEAD UNIT



SPECIFICATIONS

- Fits both Presta and Schrader valves with no need for adapters
- Compatible with 16 or 12 gram threaded CO2 cartridges
- Can be mounted without opening the cartridge
- Fits disc wheels
- Easy Push-To-Inflate system
- Light weight

CAMPAGNOLO FREEHUB BODY

SPECIFICATIONS

- Free Hub Body
- Adapts TwentyFour Series, Altair or Armada wheelset for Campagnolo compatibility 10sp or 11sp cassettes



CO2 BULK BOX

SPECIFICATIONS

- 30 Count box
- 16g Threaded CO2 cartridges
- A single cartridge inflates one road tire up to
- 8.2bar / 125psi or one MTB tire up to 2.8bar / 40psi



P220 BRAKE PADS

SPECIFICATIONS

- Included with TwentyFour Series wheelsets
- TwentyFour Series wheelsets require use of P220 Brake Pad
- Proprietary brake pad formula reduces braking distance by 30% compared to our previous generation



WHEEL BAG

SPECIFICATIONS

- Padded bag holds front and rear wheels, protecting your investment from damage
- Includes storage compartment, shoulder strap and zipper & Velcro closure



QUICK RELEASE

SPECIFICATIONS

- Proprietary shape with a sleek aero design

WEIGHT: 73 GRAMS



AEROBAR RANGE OF ADJUSTMENT

	Aeria	T+ Carbon Series	T+ Aluminum Series	ZBS	Airstryke	Legacy Bar	Century Bar
Stack FROM CENTER OF BASEBAR TO TOP OF PAD	55mm (Stock) 60mm 65mm 70mm 75mm 80mm 85mm 90mm 95mm 100mm 105mm 110mm 115mm 120mm 125mm 130mm 135mm	60mm (Stock) 65mm 70mm 75mm 80mm	60mm (Stock) 65mm 70mm 75mm 80mm	37mm (Stock) 42mm 47mm 52mm 57mm	50mm 62mm (w/ riser)	50mm	50mm
Reach FROM CENTER OF BASEBAR TO REAR OF PAD	-60mm -40mm -30mm (w/Bracket Flipped) -10mm (w/Bracket Flipped)	-75mm -60mm -45mm -20mm -5mm 10mm	Max Aft: -180mm Max Fore: 70mm	-90mm -75mm -60mm -45mm	-90mm -75mm -60mm -45mm	-50mm	-50mm
Width FROM INSIDE OF BRACKET TO CENTER OF PAD		80mm 90mm 100mm	70mm 90mm	70mm 90mm	322mm 355mm	80mm 63mm 45mm	82mm 63mm 45mm
TOTAL WIDTH C-C (BASED ON 46CM VIPER WING)	150mm, 190mm, 230mm	320mm	300mm	300mm	355mm	280mm	295mm
Extension Adjustment	T1+ 220mm - 320mm T2+ 200mm - 300mm T3+ 200mm - 300mm T4+ 150mm - 305mm	220mm - 320mm 200mm - 300mm 200mm - 300mm 150mm - 305mm	155mm - 290mm 180mm - 270mm 175mm - 270mm 125mm - 275mm	No Adjustment	No Adjustment	No Adjustment	No Adjustment

WETSUIT SIZING GUIDE

US SIZE GUIDE

MEN'S	XS	S	M	L	XL	XXL
Height	5'3"-5'8"	5'5"-5'11"	5'6"-6'0"	5'10"-6'2"	5'10"-6'3"	5'11"-6'5"
Weight lbs.	120-134 lbs.	135-155 lbs.	155-175 lbs.	176-198 lbs.	195-215 lbs.	215-240 lbs.
Chest	36"-37"	38"-39"	40"-41"	41"-42"	43"-44"	44"-47"
WOMEN'S	**XS**	**S**	**M**	**L**	**XL**	**XXL**
Height	4'10"-5'5"	5'0"-5'6"	5'3"-5'9"	5'5"-5'11"	5'6"-6'0"	5'9" +
Weight lbs.	90-108 lbs.	103-120 lbs.	118-137 lbs.	135-160 lbs.	155-175 lbs.	170-185 lbs.
Chest	28"-32"	30"-34"	33"-36"	35"-38"	39"-42"	40"-44"

EUROPEAN SIZE GUIDE

MEN'S	XS/46	S/48	M/50	L/52	XL/54	XXL/56
Height cm	160-173	165-180	168-183	178-188	178-190	180-196
Weight kg	58-66 kg	61-70 kg	70-80 kg	80-90 kg	89-98 kg	98-109 kg
Chest cm	91-94	97-99	102-104	104-107	109-112	112-119
WOMEN'S	**XS/34**	**S/36**	**M/38**	**L/40**	**XL/42**	**XXL/44**
Height cm	147-165	152-168	160-175	165 -180	168-183	175 +
Weight kg	41-49 kg	47-55 kg	54-62 kg	61-73 kg	70-80 kg	77-84 kg
Chest cm	71-81	76-86	86-91	89-97	99-107	101-112

WARRANTY INFORMATION

Profile Design warranties all products for two years from original date of purchase. For further details on the Profile Design warranty and Crash Replacement policy please visit: **www.profile-design.com/warranty**

CUSTOMER SERVICE

Office hours are Monday through Friday, 8:30 a.m. to 5 p.m. PST. Our staff of cyclists know every detail of the product line, what products work best in real world conditions and size related specifics. We are here to answer your questions regarding fit and construction and will gladly assist with your order.

Please contact your Profile Design representative at **(888) 800-5999** or (310) 884-7756 for current pricing, shipping or more information regarding Profile Design products and services.

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CARBON AEROBARS


AERIA T2


AERIA T4


T1+ VIPER


T2+ CARBON


T3+ CARBON


T4+ CARBON


CARBON STRYKE

STEMS


AERIA


CANTA


DINO


LEGRA


ARIS

ALUMINUM AEROBARS


T1+ ALUMINUM


T2+ ALUMINUM


T2+ DL


T3+ ALUMINUM


T4+ ALUMINUM


ZBS S-BEND


AIRSTRYKE


AIRSTRYKE - S


CENTURY


LEGACY


JAMMER GT

BASE BARS


VIPER WING


SVET R


PROSVET


SVET ZERO


T2 WING


AIRWING OS


OZERO


OZERO TT


STOKER 26

BRAKE LEVERS


3/ONE C

3/ONE A

DROP BARS


CANTA ERGO


CANTA SS


LEGRA SS


DINO SS


LARGO

SADDLES


KONA MEN'S


KONA WOMEN'S

TRI STRYKE T

TRI STRYKE CROMOLY

TRI STRYKE SOLID

SEAT POSTS

CANTA ZERO

CANTA

LEGRA

FFC

FFA

TWENTYFOUR SERIES

78/TWENTYFOUR CLINCHERS

58/TWENTYFOUR CLINCHERS

38/TWENTYFOUR CLINCHERS

78/TWENTYFOUR TUBULARS

58/TWENTYFOUR TUBULARS

ARMADA ALUMINUM WHEELS

ARMADA 30

ARMADA 38

ALTAIR DISC

HYDRATION SYSTEMS

SYNC HYDRATION BELT SYSTEM

SYNC BOTTLE/BRACKET KIT

SYNC BOTTLE KIT

AERO HC SYSTEM

INSULATED WATER BOTTLE

WATER BOTTLE

RZ2 BOTTLE & CAGE

AQUALITE

AERODRINK

INSULATED AERODRINK

AQUACELL

RMS

RMC

RM1

AQUA RACK

HC MOUNT

AXIS KARBON KAGE

AXIS KAGE

FUSE KAGE

STRYKE KAGE

KAGE

WELCOME TO THE NEXT
QUARTER CENTURY IN
MULTISPORT ENGINEERING.

PROFILE DESIGN

2677 El Presidio Street
Long Beach, CA 90810
Ph: 310-884-7756

www.profile-design.com

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ON THE COVER: IRONMAN® WORLD RECORD HOLDER MARINO VANHOENACKER ON THE AERIA T2