

ULTIMATE



COMPONENTS



ULTIMATE is an Engineering and Design led British Brand. As part of USE there is a vast bank of experience that has been harnessed, in combination with the latest technologies and geometries, to create this range of ULTIMATE components.



ONLY the most premium UD and 3K weave carbon and machined aerospace grade aluminium have been used to ensure that the ULTIMATE range is strong enough to shred the gnarliest of downhills and light enough to race to any finish line.



NAIL CARBON

SRP £130 - SRP £135 (WIDE)

The Ultimate Nail, designed with exact unidirectional carbon layups for Free Ride power at race weight. 20mm rise to Nail the trail with ultimate confidence and control no matter how hard you ride. Created from UD carbon, stealth black graphics on a matt black over coat. Anti-Vibration taper technology for total control.



COLOUR	FOR	BAR DIAMETER	RISE	WEIGHT	WIDTH
Stealth, black on black	Enduro/AM/Trail	31.8mm	20mm	168/178g	740/780mm

NAIL ALUMINIUM

SRP £70

The Ultimate Nail, designed with 7075 Aerospace grade aluminium for trail beating stiffness and race weight saving strength, ultimate confidence and control no matter how hard you ride. Made from cold drawn 7075 Aluminium, matt shot peened for added strength with stealth black graphics. Anti-Vibration butted taper for complete control.



COLOUR	FOR	BAR DIAMETER	RISE	WEIGHT	WIDTH
Stealth, black on black	Enduro/AM/Trail	31.8mm	20mm	227/234g	740/780mm

FLOW CARBON

SRP £130 - SRP £135 (WIDE)

The Ultimate Flow, designed with exact unidirectional carbon layups for Free Ride power at race weight. 40mm rise to flow over the jumps and around the berms with ultimate confidence and control no matter how hard you ride. Created from UD carbon, stealth black graphics on a matt black over coat. Anti-Vibration taper technology for total control.



COLOUR	FOR	BAR DIAMETER	RISE	WEIGHT	WIDTH
Stealth, black on black	Enduro/AM/DH	31.8mm	40mm	175/181g	740/780mm

FLOW ALUMINIUM

SRP £70

The Ultimate Flow, designed with 7075 Aerospace grade aluminium for trail beating stiffness and race weight saving strength, 40mm rise to flow over the jumps and around the berms with ultimate confidence and control no matter how hard you ride. Made from cold drawn 7075 Aluminium, matt shot peened for added strength with stealth black graphics. Anti-Vibration butted taper for complete control.



COLOUR	FOR	BAR DIAMETER	RISE	WEIGHT	WIDTH
Stealth, black on black	Enduro/AM/DH	31.8mm	40mm	227/234g	740/780mm

RIP CARBON

SRP £115

Flat out control to rip up the miles, designed with exact unidirectional carbon layups for amazing strength but super race weight lightness. For more aggressive speed flip the bars over for -5mm drop, then find out how fast you are. Created from UD carbon, stealth black graphics on a matt black over coat. Flat top or -5mm. Anti-Vibration taper technology for total control.



COLOUR	FOR	BAR DIAMETER	RISE	WEIGHT	WIDTH
Stealth, black on black	XC/AM/Trail	31.8mm	Flat or -5mm	158/166g	720/740mm

RIP ALUMINIUM

SRP £60

Flat out control to rip up the miles, designed with 7075 Aerospace grade for amazing strength and race weight. For more aggressive speed flip the bars over for -5mm drop, then find out how fast you are. Made from cold drawn 7075 Aluminium, matt shot peened for added strength with stealth black graphics. Flat top or -5mm. Anti-Vibration butted taper for complete control.



COLOUR	FOR	BAR DIAMETER	RISE	WEIGHT	WIDTH
Stealth, black on black	XC/AM/Trail	31.8mm	Flat or -5mm	226/232g	720/740mm



ALIEN CARBON

SRP £90

The updated Ultimate Alien seat post is specifically designed for the ultimate road experience with one of the best strength to weight ratios to give you a lightweight / durable seat post. This combined with the Ultimate Alien Clamping system giving you easy and fast adjustment with 10mm layback.

Created from latest carbon fibre polymers and composites combined with the latest lay-up technology with a matt coated 3k weave final lay-up.



COLOUR	FOR	LAYBACK
Stealth, black on matt 3k weave	Road	10mm

POST DIAMETER	LENGTH	WEIGHT
27.2, 30.9, 31.6mm	300, 400mm	27.2mm - 149/207g 30.9mm - 148/190g 31.6mm - 153/208g

ALIEN ALUMINIUM

SRP £80

The updated Ultimate Alien seat post is specifically designed for the ultimate road experience available in aluminium to give you lightweight, stiff, durable seat post. This combined with the Ultimate Alien Clamping system giving you easy and fast adjustment with 10mm layback.

Made from cold drawn 7075 Aluminium, matt shot peened for added strength, butted to save weight, with stealth black graphics.



COLOUR	FOR	LAYBACK
Stealth, black on matt shot-peened aluminium	Road	10mm

POST DIAMETER	LENGTH	WEIGHT
27.2, 30.9, 31.6mm	300, 400mm	27.2mm - 152/226g 30.9mm - 155/219g 31.6mm - 167/220g



EVO CARBON

SRP £130

The all new Ultimate EVO seat post is one of the lightest you will find, designed to be light enough for the road and tough enough for the dirt. In line to complement the frames geometry totally and experience complete control.

Created from latest carbon fibre polymers and composites combined with the latest lay-up technology with a Matt 3k weave or Flat UD.



COLOUR	FOR	LAYBACK
Matt 3K weave Flat UD finish	Road/CX/AM/Trail/XC/ Gravel/Endurance	Inline
POST DIAMETER	LENGTH	WEIGHT
27.2, 30.9, 31.6mm	300, 400mm	27.2mm - 127/183g 30.9mm - 129/163g 31.6mm - 131/182g

ULTIMATE VYBE

SRP £120

The Ultimate Vybe is the latest generation of suspension seat post with 50mm of Active tuneable travel. It tames the trails increasing your power, endurance and comfort. The Vybe reduces the impact of trail or road on the body allowing energy to be focused on pedaling harder for longer.

3 personalised tensions available to give you perfect ride.

Made from aerospace Aluminium, forged, machined and shot peened for added strength, with stealth black graphics.



SPRING RATE	RIDER WEIGHT
Soft	38 - 55 Kg
Medium	55 - 80 Kg
Hard	80 - 100 Kg

COLOUR	FOR	LAYBACK
Stealth, black on matt shot-peened aluminium	Road/CX/AM/Trail/XC/ Gravel/Endurance	10mm
POST DIAMETER	LENGTH	WEIGHT
27.2, 30.9, 31.6mm	400mm	27.2mm - 452g 30.9mm - 453g 31.6mm - 454g

DURO CARBON

SRP £80 - SRP £90 (400mm)

The Ultimate Duro is made to be super strong, light and durable so when you really want to push it on the hard-hitting trials you know that you have a post that will endure; with 10mm layback to get your weight further over the wheel.

Created using the most up to date composites and computer aids to create the carbon best lay ups in Premium Matt UD.



COLOUR	FOR	LAYBACK
Stealth, black on flat UD finish	Road/CX/AM/Trail/XC/ Gravel/Endurance	10mm
POST DIAMETER	LENGTH	WEIGHT
27.2, 30.9, 31.6mm	300, 400mm	27.2mm - 161/207g 30.9mm - 165/201g 31.6mm - 167/222g

DURO ALUMINIUM

SRP £65

The Ultimate Duro Aluminium is still super strong, light and durable but stiff to transfer more of the power through the pedals, so when you really want to "push it" on the hard-hitting trials you know that you have a post that will accelerate; with 10mm layback to get your weight further over the wheel.

Made from cold drawn 7075 Aluminium, matt shot peened for added strength, butted to save weight with stealth black graphics.



COLOUR	FOR	LAYBACK
Stealth, black on matt shot-peened aluminium	Road/CX/AM/Trail/XC/ Gravel/Endurance	10mm
POST DIAMETER	LENGTH	WEIGHT
27.2, 30.9, 31.6mm	300, 400mm	27.2mm - 170/226g 30.9mm - 169/234g 31.6mm - 183/235g



ALIEN TITANIUM

SRP £145

The updated Ultimate Alien Titanium Seatpost is specifically designed for the ultimate road experience. Using 3Al/2.5V Titanium allows the post to be strong, light and extremely durable. This combined with the Ultimate Alien Clamping system gives you easy and fast adjustment with 10mm layback.



COLOUR	FOR	LAYBACK
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Brushed Titanium	Road	10mm
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POST DIAMETER	LENGTH	WEIGHT
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27.2, 31.6mm	350mm	27.2mm - 199g 31.6mm - 222g
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DURO TITANIUM

SRP £145

The Ultimate Duro Titanium strikes the perfect balance between weight, strength and comfort. Made from 3Al/2.5V Titanium and paired with the renowned Duro clamp head you can be sure that your post will not only hold up on the trails, but excel. Transferring the power to the pedals and not the vibrations to the saddle the Duro Ti is every mountain bikers dream.



COLOUR	FOR	LAYBACK
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Brushed Titanium	Road/CX/AM/Trail/XC/Gravel/Endurance	10mm
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POST DIAMETER	LENGTH	WEIGHT
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27.2, 31.6mm	350mm	27.2mm - 214g 31.6mm - 237g
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EVO TITANIUM

SRP £160 (400mm) - SRP £145 (300mm)

The Ultimate Evo Titanium is not only light, but tough. Made from 3Al/2.5V Titanium the Evo excels both on the trails and on the road, absorbing all unwanted vibrations whilst still providing the stiffness you need for optimum power transfer to the pedals. Designed as a do everything clamping system, the Evo uses 2 bolts for unbeatable flexibility and precision in setup.



COLOUR	FOR	LAYBACK
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Stealth, black on flat UD finish	Road/CX/AM/Trail/XC/Gravel/Endurance	10mm
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POST DIAMETER	LENGTH	WEIGHT
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27.2, 30.9, 31.6mm	300, 400mm	27.2mm - 161/207g 30.9mm - 165/201g 31.6mm - 167/222g
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HEADSET TOP CAPS

SRP £10

Machined out of aluminium anodized black and then etched with our signature USE logo, your cockpit never looked so good.

Weight:
9g (incl. bolt)



VYCE

SRP £80

The Ultimate Vyce Stem pushes design, weight and stiffness to the maximum. With a wider face area for the best feedback to give total control; you will know exactly where you need to point the bike to go shred. It's patent pending design creates an extremely light and immensely strong stem to ensure no trail or jump cannot be tamed.

Engineered from heat strengthened, machined aerospace grade T6 aluminium, body parts shot peened or extra strength and endurance.



COLOUR	FOR	DIAMETER
Black, shot-peened aluminium	AM/Trail/Enduro/XC CX/Gravel	31.8mm
LENGTH	WEIGHT	BAR COMPATIBILITY
40, 50, 60mm	89/117/138g	Carbon and Aluminium

RACE

SRP £80

The Ultimate Race has been designed to be light weight, ultra-stiff but still a super strong option for Road, Cyclo-Cross, gravel and XC racers. Engineered to enable the rider to have total confidence in one light weight option.

Engineered from forged aerospace 7075 aluminium, CNC machined for strength and lightness.



COLOUR	FOR	DIAMETER
Black machined finish	Road/XC/CX/Gravel	31.8mm
LENGTH	WEIGHT	BAR COMPATIBILITY
80, 90, 100, 110, 120 and 130mm	143/145/151/150/149 /164g	Carbon and Aluminium



SUMMIT CARBON

SRP £225

The Ultimate SUMMIT Carbon road bar has been created to be our lightest and most technical drop road bar, with short and shallow drop and reach to allow you to swiftly adopt for the most effective riding style straight from the brake hood. Specially designed carbon cable guides running along the underside of the bar to ensure that there is no cabling out of place and a comfortable cylindrical grip wherever you place your hands. Ergonomic flats leading into the hoods develop a smooth comfortable and fast position. Created from latest carbon fibre polymers and composites combined with the latest lay-up technology with stealth graphics on a Matt coated 3k weave final lay-up.



COLOUR	BAR DIAMETER	DROP
Stealth, black on matt 3k weave	31.8mm	132mm
REACH	WIDTH (Centre to Centre)	WEIGHT
80mm	400, 420, 440mm	192/196/201g

SUMMIT ALUMINIUM

SRP £65

The Ultimate SUMMIT aluminium has been designed with short and shallow drops which allow you to adopt for the most effective riding style the bars ergonomically run into the hoods develop a smooth comfortable hand position so you can concentrate your efforts on getting the most out of your ride. Perfect if you are in a sportive, cyclocross or race.

Made from cold drawn 7075 Aluminium, matt shot peened for added strength with stealth black graphics.



COLOUR	BAR DIAMETER	DROP
Stealth, black on matt shot-peened aluminium	31.8mm	132mm
REACH	WIDTH (Centre to Centre)	WEIGHT
80mm	400, 420, 440mm	266/278/280g

BOTTLE CAGE

SRP £40

Not all bottle cages were created equal and our 2nd generation cage proves that. Crafted from a single carbon fibre unibody it strikes the perfect balance between weight and durability. Utilising an integrated bottle shoulder, you can be sure your bottle will stay put. Comes in 2 finished, gloss and matt to compliment any set up. Treat yourself and your bike.

Weight: 37g

**BOTTLE**

SRP £8

The USE Bottle is a bottle that simply works. Made from Dishwasher safe BPA free plastic and sporting Exposure, Ultimate and USE logos creates a bottle that adorns any bike it's attached to. A wide opening at the top allows for easy cleaning and adding ice for those hot summer rides.

**ROAD JERSEY**

SRP £60

Fresh comfort / Fresh fit fabric
Italian Collar
Reversible Zip
Silicone waistband
Rear pockets

**BIB SHORTS / SHORTS**

SRP £60 / £45

Made from Lycra Pro tech
5mm COOLMAX Pad
Leg Silicone Gripper

**MTB JERSEY**

SRP £45

COOLMAX PLUS Fabric
Lyplex Fabric for neck and cuffs



All our cycle clothing is handcrafted in Spain by Mobel. This means we have some of the best performing kit you can buy. From the detailing on the stitching to the hand selected material panels, all our clothing oozes style as well as substance. Our Jerseys and shorts are perfect for British riding, keeping you cool on the sunny days and warm on cloudy.



BOOM CARBON

SRP £135

The Ultimate BOOM, Chosen by Scott "Boom Boom" Beaumont – 2016 UCI number 1 ranked pro 4X rider, - 2017 British 4X National Champion, is the no compromise 800mm wide 35mm bar. Built with the strength to shred anything and the weight to Race. The perfect sweep back has been specified in premium unidirectional carbon layups for the ultimate confidence and control no matter how hard you ride or race. BOOM! Created from UD carbon, stealth black graphics on a matt black over coat. Anti-Vibration taper technology for total control.



COLOUR	FOR	BAR DIAMETER	RISE	WEIGHT	WIDTH
Stealth, black on black	DH/4X/Enduro/AM/Trail	35mm	30mm	220g	800mm

VYCE 35

SRP £90

The Ultimate Vyce Stem has just been beefed to 35mm. The VYCE35 is super stiff and even with the new two bolt system pushes the weight boundaries of 35mm stems. 4X Racer Scott Beaumont has become National Champion with the help from the feedback received by the VYCE35. Built with the strength to shred anything and the weight to Race.

Engineered from heat strengthened, machined aerospace grade T6 aluminium, Body parts shoot peened or extra strength and endurance.



COLOUR	FOR	DIAMETER
Black, shot-peened aluminium	DH/4X/AM/Trail/Enduro/XC/CX/Gravel	35mm
LENGTH	WEIGHT	BAR COMPATIBILITY
40, 50mm	125/145(TBC)g	Carbon and Aluminium

HELIX DROPPER POST

HELIX

SRP £285 (165mm Drop) - SRP £260 (125mm Drop)

USE has never taken a product to market that is not an innovative design providing a genuine advantage to the rider. Various design concepts were investigated but USE was never satisfied that it had a design that surpassed other brands; until the 'Helix' Post.

The Helix design is fundamentally mechanical avoiding issues that plague other designs associated with air and oil pressure. Simplicity results in reliability.

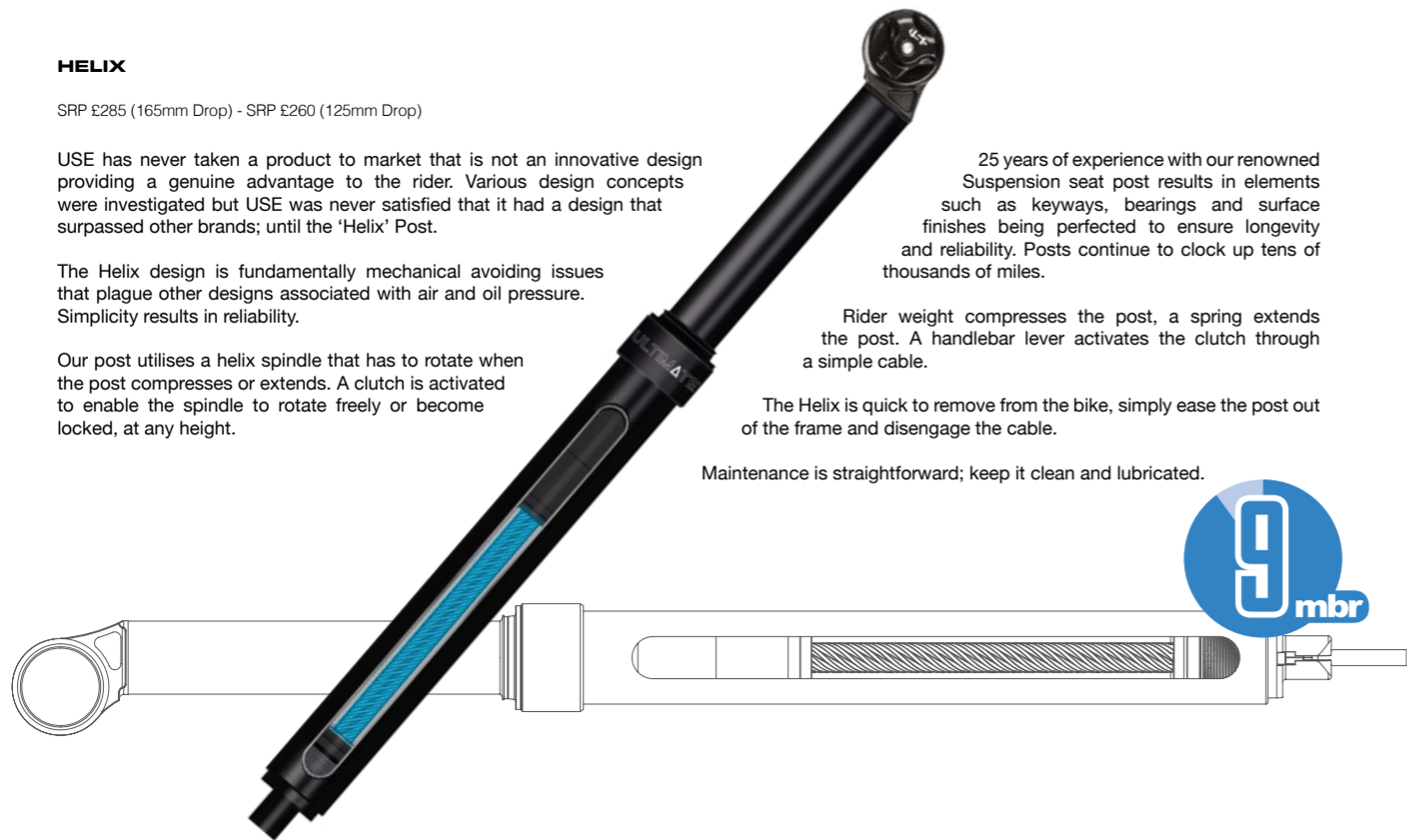
Our post utilises a helix spindle that has to rotate when the post compresses or extends. A clutch is activated to enable the spindle to rotate freely or become locked, at any height.

25 years of experience with our renowned Suspension seat post results in elements such as keyways, bearings and surface finishes being perfected to ensure longevity and reliability. Posts continue to clock up tens of thousands of miles.

Rider weight compresses the post, a spring extends the post. A handlebar lever activates the clutch through a simple cable.

The Helix is quick to remove from the bike, simply ease the post out of the frame and disengage the cable.

Maintenance is straightforward; keep it clean and lubricated.



COLOUR	FOR	POST DIAMETER	LENGTH	DROP
Stealth, black on matt shot-peened aluminium	DH/4X/AM/Trail/Enduro/XC/CX/Gravel	27.2, 30.9, 31.6mm	400mm	125/165mm



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ULTIMATE SPORTS ENGINEERING

R1 AEROBAR | TULA AEROBAR | TR2 TRI-BAR | BOOST BAR | AERO EXTENSIONS





Ultimate Sports Engineering's history of creating aero perfection has seen both the TULA and R1 Aero Wing Bars used at the Olympic Games, World Championships and Commonwealth Championships since 2012, whilst establishing a winning reputation through a haul of medals, including Olympic Gold, and setting two-hour records along the way.



On Road or Track the R1 has the flexibility to replicate the most aero of positions with a choice of 10 Aero Extension profiles in either carbon or aluminium that can be mounted above or below the Aero Wing, whilst all complying to 3:1 UCI requirements. This attention to detail cascades down through the entire range to ensure that every product is the ultimate in its class.

TR2 TRI-BAR
£150

Weight: 311g
Pad Height: 40 – 60mm
Ø 31.8mm



BOOST BAR
£75

Weight: 178g
Pad Height: 30mm
Ø 31.8mm



AERO EXTENSIONS
CARBON £90

Weight: 55 - 92g
Straight, 20°, 30°, 40°, 50°, 30°HR, 40°HR, 50°HR,
S-Bend, Tri Straight, Tri S-Bend
22.2mm O/D



AERO EXTENSIONS
ALUMINIUM £45

Weight: 158 - 196g
Straight, 20°, 30°, 40°, 50°
22.2mm O/D



The TR2 is our latest and most adjustable clip-on tri bar. Using the aerodynamics directly from the R1, the TR2 is the ultimate clip-on.

The all new design offers huge adjustability with up to 40mm stack height and multi position armrests. It allows for a range of arm rest heights and widths to achieve the most comfortable and aerodynamic position on the bike.

The TR2 is designed to work with both our standard Aluminium and Carbon Extensions.

The Boost Bar is our lightest clip-on tri bar and it delivers optimum aerodynamic performance with minimal rise above your handlebars. The Rock 'n' Roll arm rest adjusters allow for infinite position change to ensure comfort and power transfer.

The Boost Bar is also designed to work with both our standard Aluminium and Carbon Extensions.

USE extensions are compatible with our TULA bars, Boost bars and R1 bars, O/D is 22.2mm and are available in 20°, 30°, 40°, and 50° bends as well as a straight option. They have a 3K carbon weave or aluminium finish, hole for the shifter cables, and are supplied with Red Aluminium inserts if using Tula or Boost Bars.



R1 AEROBAR INLINE BRAKES

£675

3K Carbon | Weight: 512g
Width: 400mm (centre to centre)
Drop: 17.5mm
Reach: 45mm
Pad Height: 10 – 80mm
Extension Width: 55 – 125mm



R1 AEROBAR TRACK

£645

3K Carbon | Weight: 428g
Width: 400mm (centre to centre)
Drop: 17.5mm
Reach: 45mm
Pad Height: 10 – 80mm
Extension Width: 55 – 125mm



R1 AEROBAR DROP BRAKES

£675

3K Carbon | Weight: 512g
Width: 400mm (centre to centre)
Drop: 17.5mm
Reach: 45mm
Pad Height: 10 – 80mm
Extension Width: 55 – 125mm



R1



R1 AEROBAR STEM

£199.99

Aluminium
Weight: 234g
Length: 95mm
Steerer Tube Ø 1 1/8"

Striving for aero perfection led to the creation of the R1 Aerobar. Developed with the design principles of the Olympic Time Trial winning TULA bar, the R1 has evolved to achieve ultimate drag cheating performance. Produced with the very latest materials and technology it has been uncompromisingly built to minimise drag and weight while maintaining rigidity and adjustability.

Patented inline brake levers reduce frontal area over its competitors and along with the aero-wing the R1 complies with UCI 3:1 requirements. The R1 only requiring 7.8watts to travel at 31mph. This means it requires 35% less power than the TULA bar and a 69% watt saving can be made to equivalent 3:1 UCI competitor bars.

The all new design allows for a range of arm rest heights and width position enabling the perfect aerodynamic position to be found to maximise power transfer.

The slender cross section of the aero wing enables it to be fitted to any bike through a range of shims so even the most integrated of designs can be upgraded.

The bar is supplied with shims to fit a standard 31.8mm stem email info@use.group to request specific shim.

The R1 Bar and stem has been developed to be at the pinnacle of aerodynamics and stiffness to ensure no power is lost in transfer when starting your track event, time trial or triathlon and slippery through the air as possible when on the move. The stem is machined from a single billet of aerospace grade 7075 alloy to ensure total integrity of the structure and compatible with all versions of the carbon R1 aerobars.

The R1 track bar, stem and extensions were sought after by Bridie O'Donnell because they have been wind tunnel tested to be the most aerodynamic within UCI ruling available and still very lightweight. These helped her to achieve the UCI hour record, 22nd January 2016.



R1 AEROBAR

TULA AERO PODS
£475

3K Carbon | Weight: 505 - 535g
Width: 380mm | 400mm | 420mm | 440mm
Drop: 0.0mm
Reach: 35mm
Pad Height: 5mm
Ø 31.8mm



TULA TRACK PODS
£445

3K Carbon | Weight: 454 - 482g
Width: 380mm | 400mm | 420mm | 440mm
Drop: 0.0mm
Reach: 35mm
Pad Height: 5mm
Ø 31.8mm



TULA FLIGHT PODS
£445

3K Carbon | Weight: 451 - 535g
Width: 380mm | 400mm | 420mm | 440mm
Drop: 0.0mm
Reach: 35mm
Pad Height: 5mm
Ø 31.8mm



With a minimal aero impact design and optimal adjustability the TULA allows complete power transfer and low drag. Developed beyond industry standards and conforming to UCI 3:1 requirements, the TULA slips through the air almost unnoticed. It has a proven 15 watt saving when travelling over 30mph against the competition.

The angle adjustable arm rests combined with our inline brake levels and Aero Pods ensure that the rider can find their optimum aero position. The advantage of the inline brake lever is that drag is reduced due to a smaller frontal area.

The TULA has been used to achieve Olympic Gold, World Championships and National titles multiple times.

TULA pods are interchangeable (Aero, Flight and Track)

"When going for world records, every meter counts!"
Molly Van Houweling on selecting the super slippery TULA AeroBar for her hour World Record. September 2015.

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TULA AEROBAR