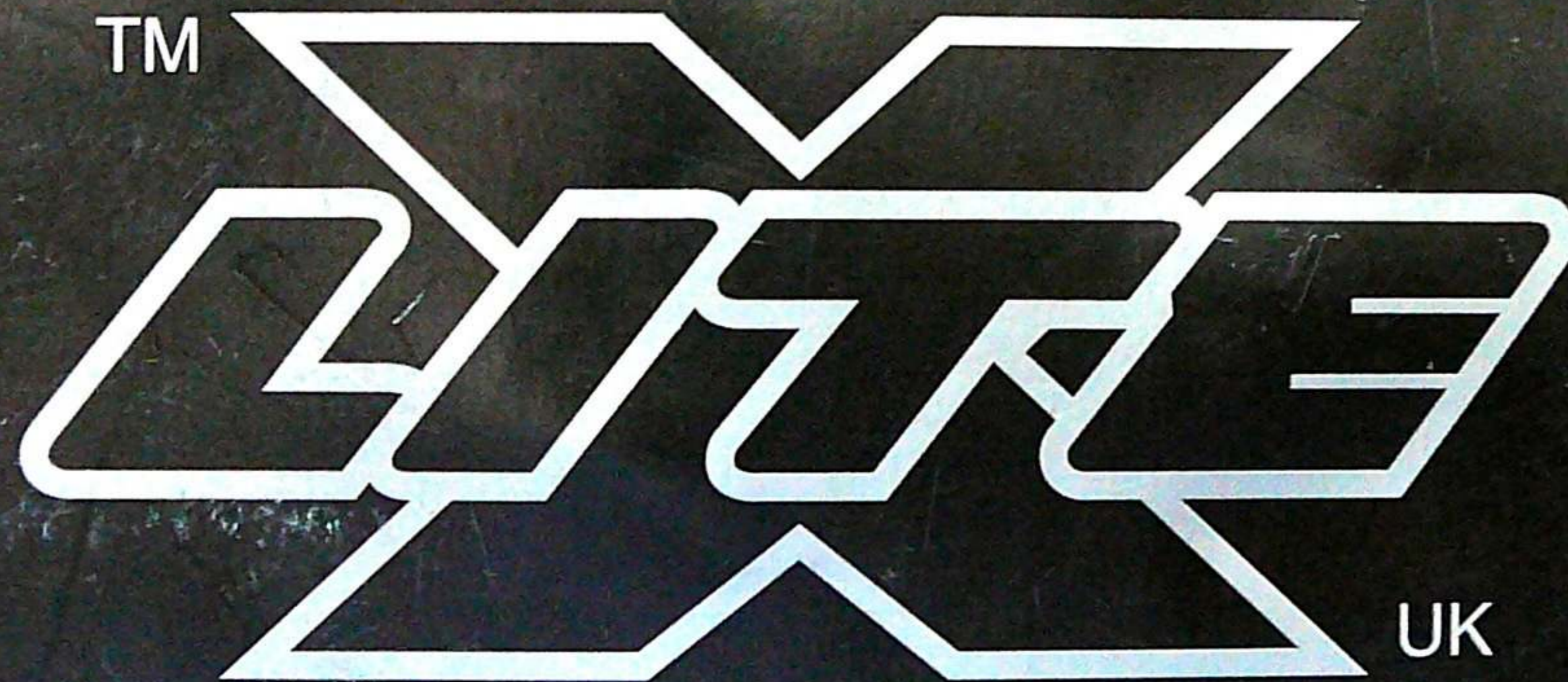


# Ultimate Components '97



**CONTAINS  
'X'-PLOSIVE  
HARDWARE**

# Welcome to the World of <sup>TM</sup> X-LITE <sup>UK</sup>

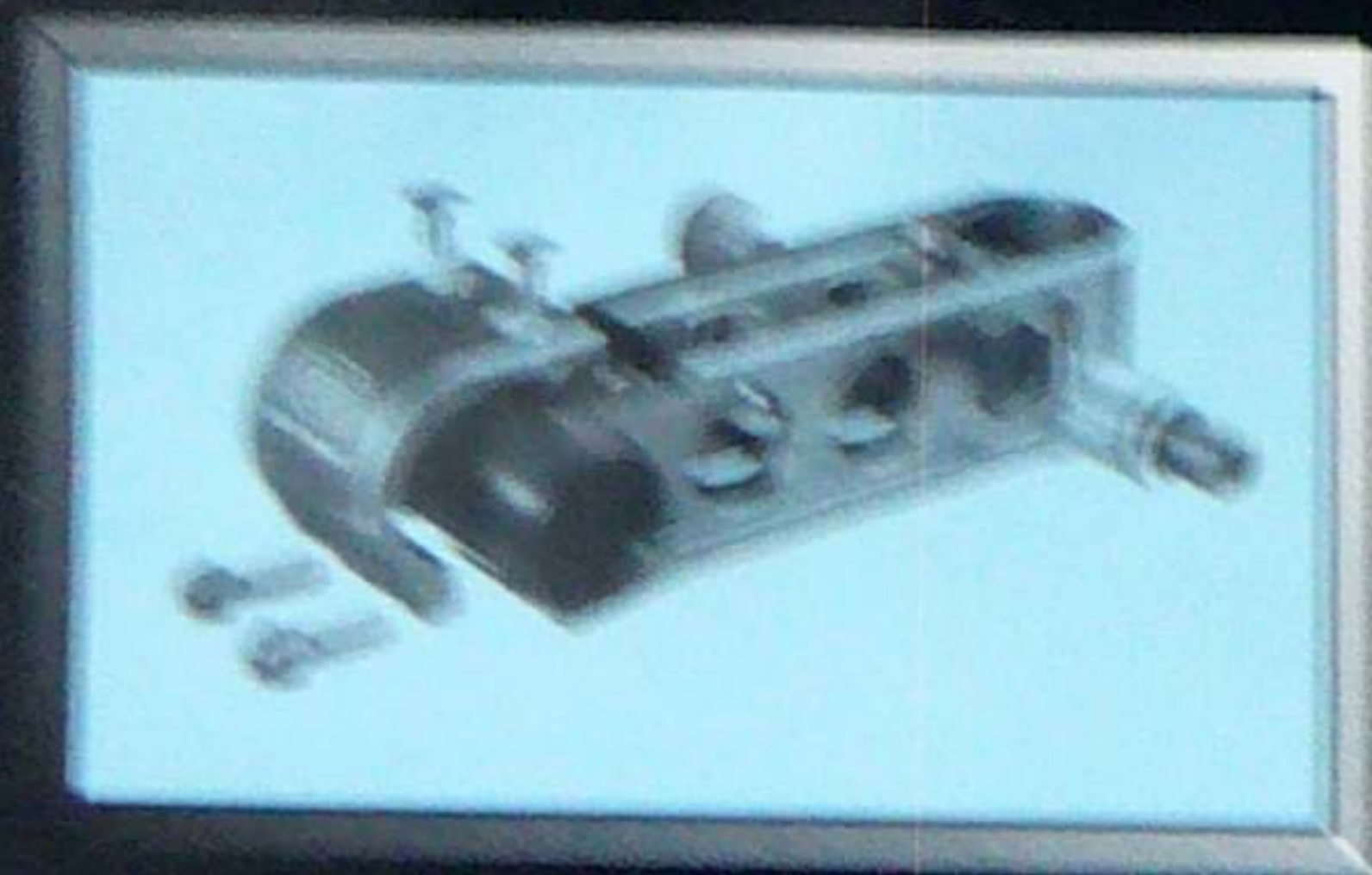
When we started X-LITE in 1991 our aim was to produce the lightest most precisely, engineered and hand finished bar ends in the world. . . and for a while that's what we did! In fact that's still what we do (take a look at our radical new Pro CNC billet Bar Ends - evolutionary!). But bar ends have extended into a whole arsenal of race components along with associated products. So much so that there has never truly been a "right time" to produce this catalogue. Components continue to evolve and new concepts are borne from the ever active minds here at X-LITE!

Our roots are firmly embedded in Motorcycle Racing both on and off road at International level. The knowledge and experience accumulated over many years is reflected in what we do and why we do it! We were undoubtedly the first company to seriously develop a Twin Crown Fork for MTBs. Originally a rigid fork we developed a suspension version in 1992! Three years ahead of the competition!!

Like the sport, we've changed so much since 1991 - from bar ends and QR's through those milestone twin crown rigid Ti Forks (developed for Raleigh) to CNC Machined Stems, award winning Seatposts, a range of downhill specific products which have been proven in international competition, our full Titanium Pro hardtail Chassis kit, Keitar Saddles and our Twin Crown, Twin Disc 6" travel Downhill Forks which will be available in Spring '97!

With the advances in MTB's since we started - the use, and demand for, more technically advanced materials and methods of manufacture, we have stayed at the forefront and, in fact, pushed the limits of design! We've been firmly involved with Raleigh who distribute X-LITE in the UK alongside ourselves. We have worked with AMG, suppliers of ultra-advanced MMC alloys to the aerospace, defence and Ft industries, to develop the most advanced Metal Matrix available in the world. We've supported top Pro riders and helped contribute to their success. We've stood by our belief in what we do and because of this we've carved out a niche internationally as a serious and respected manufacturer of high tech, lightweight race components for MTB and road!

Rex Trimmell, who founded X-LITE back in 1991, is a 'dynamo'! Assisted by a dedicated team who share his enthusiasm, he drives the company along constantly reassessing designs, looking to improve, enhance and refine products and develop new components which fulfil the demands placed on them: durability, strength, light-weight, efficiency, performance and aesthetics. Not only do X-LITE products deliver optimum performance, they're also beautiful, crafted masterpieces!



## Our Philosophy!!

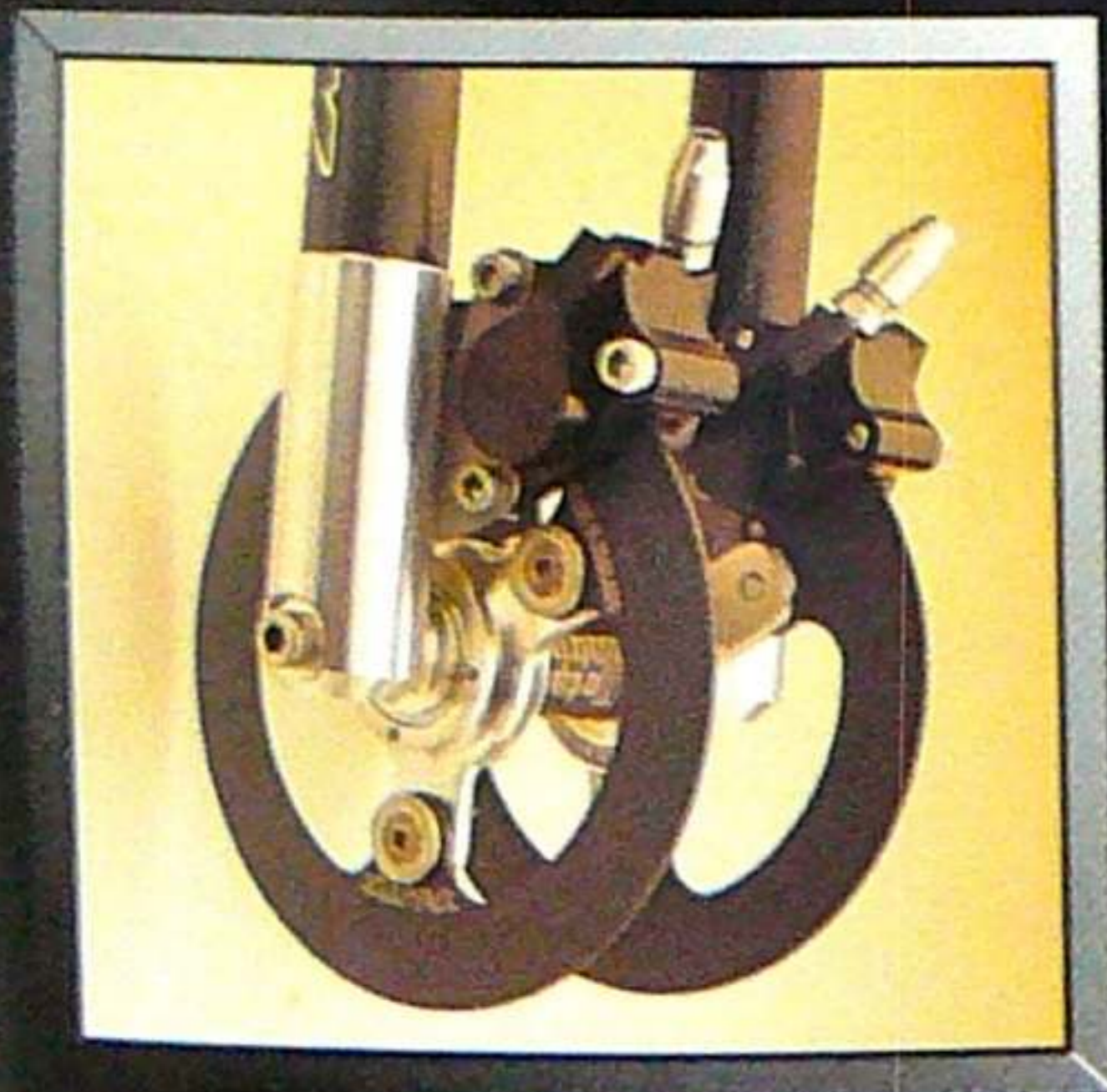
We start with a clean sheet and design the sort of products we would like to own. Functional components that have to work! Components with a real 'I want' factor! We combine top grade materials with logical strong designs and an individual look which says 'X-LITE'. Remember... 'Simple is Best!' and the less whistles, bells, 'micro-adjustable gyroscopic 3 in 1 pizza cutter and banana holder' functions the better! Why? Cos there's less to go wrong!

We start by selecting the right grade of material to do the job (see 'Materials & Manufacturing'). For instance - How strong does a handlebar have to be? There is no measure, ruler or chart which you can look up to find out. So we have to take into account potential applications such as Cross Country, Downhill or riding to the sweet shop! There are design/engineering variables which have to be considered: Fatigue strength, Yield strength, Impact strength (similar but not the same), Manner of Failure etc. But remember also that there are 'human' variables which we have to consider. Some we can control some we can't! We do design a product or component to fit precisely. We do machine it in such a way that it is easy to construct. We do package it with comprehensive instructions so that it is easy to use. OK, so these are all variables we can govern with reasonable effect. But think about this. . . once the component has been bought and paid for a whole new set of variables 'kick in'! These include fitting the component (everyone knows someone who'll take it out of the box and play with it - without reading the instructions!); using worn or incorrect tools; riding techniques (do you know how much extra force is exerted on a component when landing a jump?) - not everyone can land jumps properly!! And so on. We are justly proud of our after sales service in this respect - our comprehensive Warranty and Crash Replacement scheme (UK only, See Warranties Section at the rear) offer a solution to those situations we can't control and they keep our supporters coming back for more!



Our aim is to make desirable and durable products - we don't claim to make unbreakable components (no-one can!). Some of our products fall into the 'Investment' category - such as our L168 CNC machined stem. It's nice to have things to aspire to, dream about or save for! But . . . you can be sure that our design brief, philosophy, care, attention to detail and hand finishing that goes into our top of the range pieces applies across the board and smaller 'pocket money' components (e.g. Crank Kaps) get the same treatment. We're not motivated by profits. X-LITE is driven by the genuine desire to create the best components money can buy!

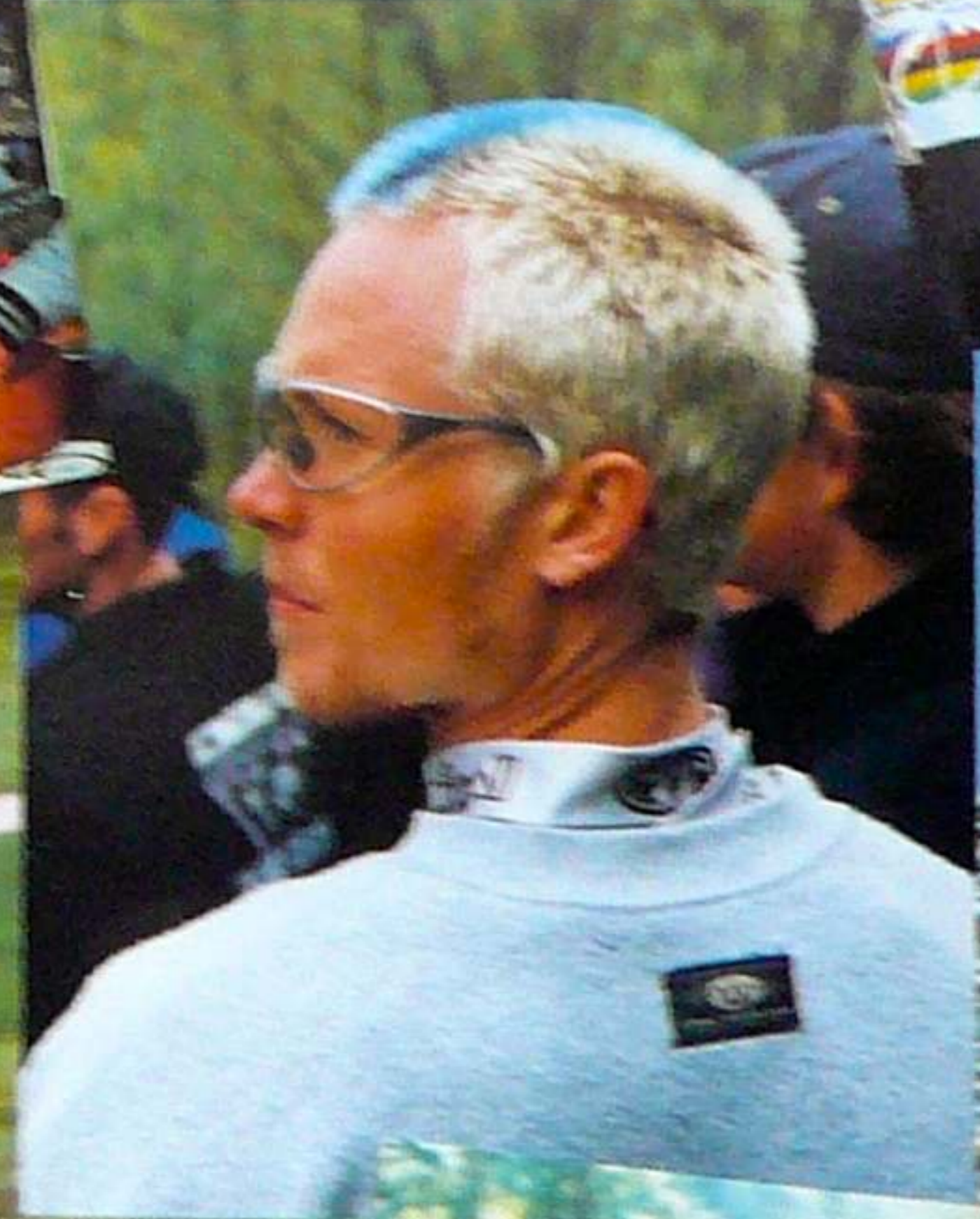
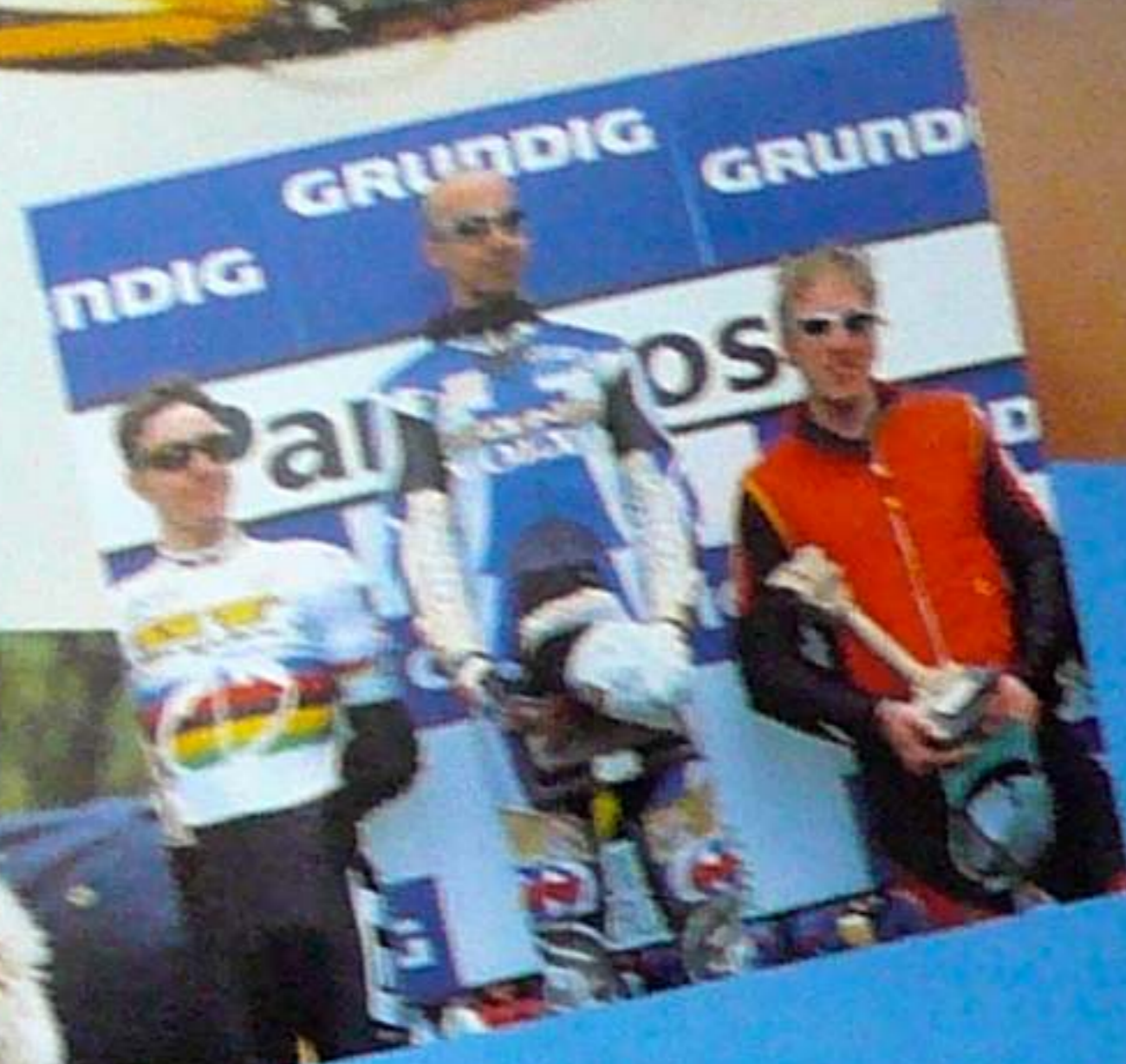
We're proud to put 'Made in England' on X-LITE products! It's got a high kudos factor - British engineering has a pedigree which exudes precision, craftsmanship and prestige. Our factory is located in Poole on the South Coast of England, an area which has an incredible concentration of advanced engineering facilities, technical skills and material knowledge. Most of the world's Formula 1 teams' engineering and development works are based in close proximity to us. Obviously the contacts made in motorsport gives us access to advanced knowledge and the chance to experiment with complex and advanced material applications ahead of time!



All of our products are rigorously tested, both in-house and utilising testing facilities which are considered to be highly accurate and analytical. But we still believe in a healthy dose of good old 'field-testing'. Our own factory test pilot (Alex T. - watch out for him this year!) utilises prototype components in competition situations so that we can monitor performance and react to specific rider demands. Top Guys such as Steve Peat, Barrie Clarke, Tommi Misser and Team Animal 'beast' X-LITE prototypes and components at the highest level of extreme competition. If they survive all of this then we are confident that they will serve you and you'll like them too! What more can we say!



Ride First Class!



# X-Factor Victories!

- 1991 National X/C Championships - David Baker (Team Raleigh)
- 1992 National X/C Championships - David Baker (Team Raleigh)
- 1993 National X/C Championships - David Baker (Team Raleigh)
- 1993 Grundig Series (Round 4) - Plymouth
- 1994 National X/C Championships - David Baker (Team Raleigh)
- 1995 National X/C Championships - Barrie Clarke (Team Raleigh)
- 1995 SAMS D/H Series - Team Animal
- 1996 National X/C Championships - Barrie Clarke (Team Raleigh)
- 1996 National X/C Championships - Louise Robinson (Team Raleigh)
- 1996 National D/H Championships - Steve Peat (MBUK/Nike World Team)
- 1996 Grundig D/H Series (Round 1) - Tommi Misser (Kona/Volvo/Rockshox)
- 1996 European D/H Championships - Tommi Misser (Kona/Volvo/Rockshox)

*the success story continues...*

Design and manufacturing experience gained in motorcycle sport have endowed X-LITE with a comprehensive knowledge and understanding of the best materials and manufacturing techniques to use when developing products.

Without getting too technical or boring here's an overview of the materials and methods we use to make our world-class components. We hope these facts are something you can apply when looking at new components, or just to impress your friends over a cappuccino or beer!

## Materials

We use the finest 'certified' materials, this means our raw material stock is guaranteed to be of a particular grade (this avoids the first tube in the batch being 2014 and the rest some old piping from a disused wellington boot factory!!).

So why do we use what we use?

Different materials and even different grades of the same materials have different characteristics. These are important as they make certain materials a better choice for particular applications. What's more, different heat treatments and manufacturing techniques can affect the dynamics of a material!

Like most manufacturers we quote material grades, manufacturing techniques and heat treatments in our spec! This tells you what we're doing. But what does it all mean?

## Aluminium Alloys

The most commonly used metal in bike component manufacturing.

Why? Because it has great properties - it's light (known as low density), it has a high specific strength (this means a good strength to weight ratio) and it has good corrosion resistance. Alloys are referred to by their Composition Designation or number. Here are the Aluminium alloys we use and what the nos mean:

2000 Series - this group is alloyed with Copper which is added to give higher strength.



## Materials and Manufacturing

6000 Series - this group is alloyed primarily with Magnesium and Silicon to increase strength

7000 Series - this group is alloyed with Zinc to make a high strength alloy.

The two digits on the end of the number (eg 2014) identify the alloy's specific chemical composition range. One thing to remember - a higher alloy designation number doesn't necessarily mean a stronger, harder or more fatigue resistant alloy!!

We use 2000, 6000 and 7000 series alloys because they are heat treatable. This means that although they are already strong they

can be strengthened through heat treatment and strain hardening!

Also known as cold working - it involves mechanically changing the shape through rolling, drawing or flattening the aluminium into another shape without re-melting it, this increases its strength along the grain.

Heat Treatment involves heating the aluminium alloy to a specific temperature where the alloying elements (eg Copper) are dissolved into the Aluminium to form 'Solid Solution'. This is then quickly cooled to room temperature using hot water (this stops cracking) to 'arrest' the strengthened structure which has been formed!

Temper Designation We use material heat treated to T6 - this means that it has been solution heat

treated and then artificially aged without cold working.

## Titanium

Established as an ultimate material for frame and component manufacture due to its dynamic qualities - it's lightweight, 'lively', incredibly durable and virtually corrosion resistant. The down-side to Ti is cost! It's expensive to produce and complex to work which results in high manufacturing costs.

More numbers! The most commonly quoted grades for Titanium are Ti 6Al 4V (or 6/4 Al/V) and Ti 3Al 2.5V (or 3/2.5 Al/V)! The misconception here, as with Aluminium, is to

assume that the grade with the higher number is superior and stronger. Ti 6Al 4V is the most commonly used 'Alpha-Beta' Titanium Alloy, being utilised to manufacture bolts, skewers, rods and axles for which it is suited. Ti 3Al 2.5V is often seen as seamless tubes in frame manufacture. Ti SE 3/2-600 is a grade of Titanium specifically created for MTB frame construction. This Ti has the benefit of being able to be manipulated (e.g. chainstays and seatstays can be tapered and swaged!). It is mechanically, structurally enhanced and displays a UTS (Ultimate Tensile Strength) in excess of 600Mpa which tests show to be more than strong enough for hardtail race frame construction!!

## Metal Matrix Composite

So, you thought Titanium was the 'wonder metal'! Where've you been? Metal Matrix or MMC is on the cutting edge of metallurgical developments, justifiably labelled as one of the 'lightest and stiffest metals known to man'!

MMC is produced using aerospace grade aluminium alloy which is reinforced with a 25% content of Silicon Carbide Ceramic particulate (one of the strongest and hardest materials). Both ingredients are mixed under controlled conditions (they are highly volatile) to form a composite which is fused at high temperature/pressure using an advanced process to create a dense material. This is extruded and finally

heat treated. Matrix can be tuned to suit different requirements and offers significantly better dynamics and performance than conventional materials.

We utilise and experiment with F1 Grade Metal Matrix. This is produced in the UK by AMC who have Europe's most advanced development facilities. They use manufacturing processes which are unique and arguably the best and most advanced in the world! The MMC they produce is far superior to other composites used in the MTB industry so far! This is down to particulate size and distribution - the alloying Silicon Carbide Ceramic particles are so ultra-fine (around 10 times smaller than other producers!) and are distributed much more intensively and uniformly throughout the composite. This results in the creation of a reinforced metal which has significantly higher fatigue life,



toughness and ductility (that is, it will bend rather than break) than other composites available!

The testimony to the advanced nature of the AMC's Metal Matrix is reflected

in its application and the customers who utilise it. Metal Matrix Composite has widespread applications in the aerospace and defence industries where advanced materials are vital. But, one of the biggest users is the Formula One racing industry (hence F1 Grade!). Here it is used in braking components (e.g. Callipers), Chassis and suspension components, engine parts and clutches. F1 teams have exceptionally high budgets and designers are free (within regulations) to utilise the optimum materials to create championship winning cars. They demand high levels



of performance, safety and reliability from materials. All new materials are rigorously tested and evaluated before being accepted. AMC produces Metal Matrix for this most demanding user and at the same time is eager to work with us to develop advanced MTB materials! They truly are 'Pushing the envelope'!!

### Delrin

An engineering grade plastic which is also known as Acetyl. This was developed for NASA's Shuttle project! It is a highly stable bearing material which can be machined! We use it as a bearing in Cam Loks, our Titanium Pro Frame seat clamp and L168 CNC Machined Stem

as a sleeve which extends support characteristics at critical joints and avoids metal to metal contact which causes 'knife edging' and can cause critical failure!

### Manufacturing Techniques

All R&D (research & development), design, prototyping, testing, assembly,



hand finishing, detailing and quality control inspection are carried out prior to packing here at the X-LITE factory! We utilise advanced manufacturing:

**CNC Machining** - this is where a single block (billet) of Aluminium is machined utilising a CNC (Computer Numerically Controlled) Mill or Lathe. A programme is created which controls the cutter and the machine fashions the component from a solid block (check out our 'FLY' and L168 Stems and our Pro CNC Bar Ends!!). This method of manufacturing is costly but it retains the integrity of the metal's grain structure (known as its isotropic quality - where it has uniform properties and hardness in all directions).

**Cold Forging** - this is where the aluminium is continually 'squeezed'



using different 'dies' without heating it up. Each of these dies is closer to the component's final form and the process compresses the metal into the required shape. Between each 'squeeze' the metal is annealed to soften it enough to be cold worked again. After the final stage the metal is left unannealed and this leaves the formed piece harder, stiffer and more brittle. This is referred to as work hardened and produces a stronger, denser material that is less likely to crack, bend or snap under pressure! This is known as anisotropic i.e. it has increased hardness along its length!

**Hot Bonding** - yep it's space-age gluing!! Developed for the aerospace industry this technique utilises advanced technology to bond tolerance-related pieces together (check out Enduro Bar Ends). Rest assured it's good enough for the awesome stresses and stringent safety standards in the aircraft industry... so it's cool for MTB's!!!

**Creative Knowledge  
Made Into Reality!!!**

# Pro CNC

## billet bar-ends

The evolution of our acclaimed Pro range of Bar Ends!

Pro CNC Bar Ends are the sum of five years experience gained through success in designing, machining and finishing high spec bar ends combined with the results of intensive competition testing by top international Professional riders!

The Pro CNC range benefits from a one-piece construction which enhances the strength of the design! This results in a Bar End which is 10% lighter than the previous Pro models from which it has evolved and significantly stronger!

**Pro CNC Bar Ends represent the ultimate upgrade!**

Two model range - Stubbie (Part No. 004) Alto I (Part No. 005)

- Totally CNC Machined from a single billet of 6000 series Alloy!
- Low Profile 'endless' clamp design - neat, safe and sleek!
- One Piece, Strength Enhanced Design!
- No potentially 'critical' clamp to extension joints!
- Stainless Steel Thread Inserts - No more stripped threads!
- X-LITE's 'signature' spun-style ends give an engineered look!
- Knurled forward extensions for positive grip in all conditions!
- Blue, Red, Platinum or 'Satinium' Anodised Finish with laser graphics!

ALTO I **Pro CNC**  
billet bar-ends

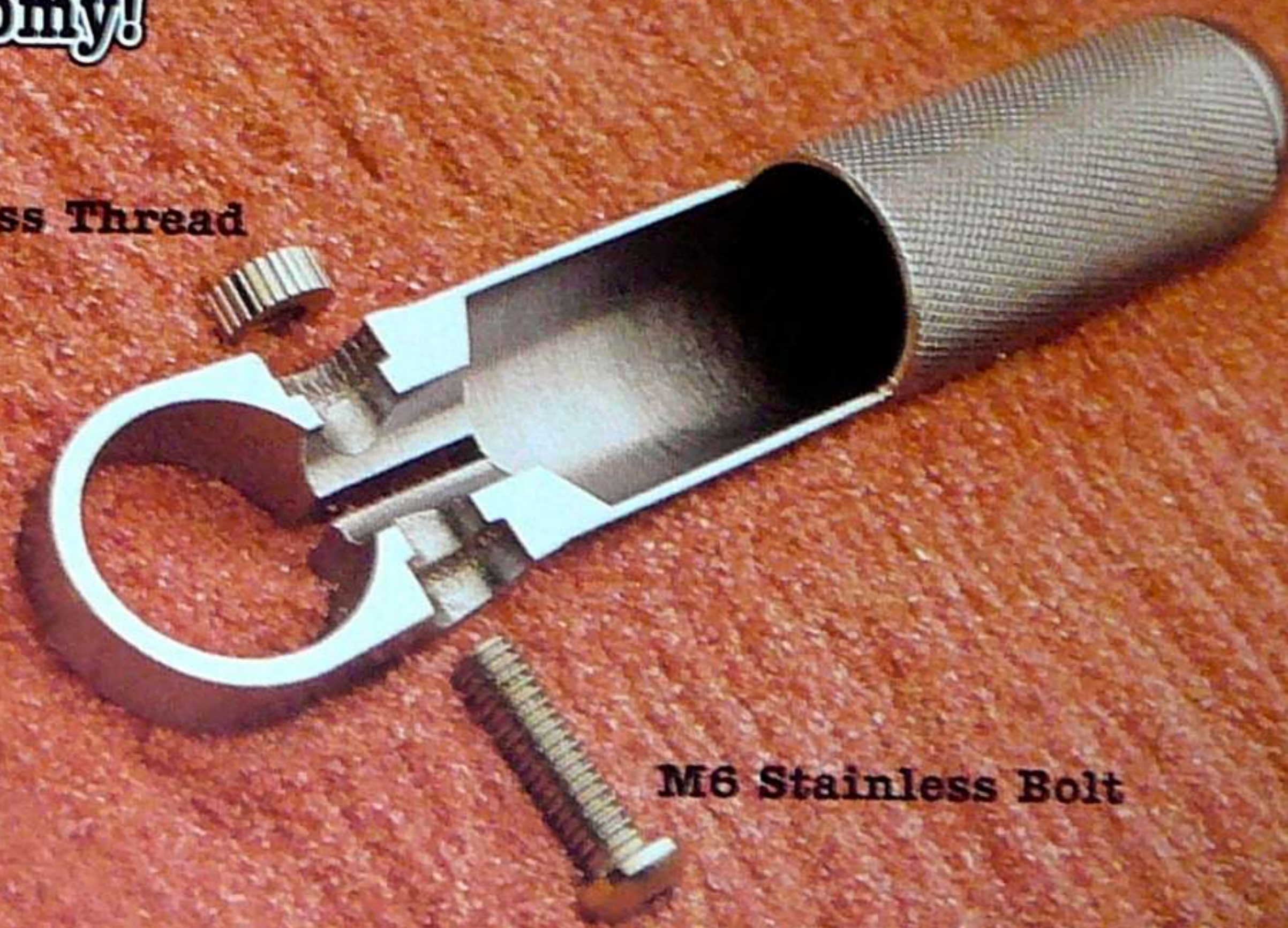


106g  
approx

Proto shot. Available Spring '97

### Anatomy!

Stainless Thread  
Insert



M6 Stainless Bolt



# State of the

# Neat Sleek and Low-Profile! Art

**86g**  
approx



**STUBBIE** *Pro* **CNC**  
billet bar-ends

# Enduro

## Bar Ends

When we designed the Enduro Range we wanted to produce a truly desirable Bar-End of a high spec that would take all of the punishment everyday riding dishes out. The Enduro range of Bar-Ends has the same attention to detail and hand finished build quality that our Top-of-the-Range products get!

Aerospace industry developed hot bonding technology brings cold-forged clamps together with 6000 series T6 machined tubes to create the Enduro range of Bar Ends: tough, trouble-free and great value for money!!

### Race Proven 3 model Range Features:

- Cold forged clamps with Optimum Clamp Width and durable 'Satin BFE' Finish!
- Hot Bonded 6000 Series T6 Alloy Tubes!
- Knurled Extension for positive grip in all conditions!
- High Grade Stainless M6 Bolts!
- Fully Anodised finish in 5 colours:  
Red, Blue, Black, Alloy or Purple!

Stubbie (Part No. 007) Ski (Part No. 008) XL (Part No. 101)

## Enduro STUBBIE



140g  
approx

## Enduro SKI



170g  
approx

# Enduro XL

175g  
approx



"Our Entry Level is other manufacturer's Top of the Range!" ...Think about it!

# L168

CROSS COUNTRY  
stem

The dynamics of the L168 are the result of experience-lead design, knowledge of advance materials and the latest machining techniques. Look closely and you'll see that the L168 transcends other designs limitations!

Our aim was simple - to create the world's most technically advanced stem! Each stem starts life as a 972g solid billet of T6511 (a specific grade of 2000 series alloy treated to T6 standard). A complex CNC machining programme carves out the L168's form with both the main body and front clamp being machined from the same billet. Based around a torsionally rigid 'beam'/'box section' design, every facet is machined, recessed and in-line bored to eliminate flex without excess weight!

The unique four bolt clamp configuration generates equal clamping forces at the bar/stem interface. The clamp is removable and allows easy fitting and adjustment. It incorporates our unique 'Delrin' Positive Location (PL) Sleeve. The PL Sleeve is the key to making the L168 'Handlebar Friendly' - it eradicates the possibility of metal to metal contact between the bars and stem which can cause an effect known as 'knife edging'. This occurs in conventional stem designs and in extreme cases can cause catastrophic failures! The PL Sleeve also minimises 'pinching' (the structural deformation of the bar which occurs when clamping)! The clamp is positionally stable thanks to its location tongue which clips into a recess machined into the stem body - detail engineering for precision location!!

An expander wedge holds the L168 Stem onto the steerer tube and the stem itself is machined to custom-fit the X-LITE Stem Plug. Competition specific 3 degree rise, 115mm and 135mm lengths and a choice of three anodised colour finishes!



L168 - Exploded View

## Stem Plug

The cool solution to threadless headset fitting and adjustment! Compact reusable self-setting system replaces the fixed 'star-fangled' nut. Allows for adjustment and pre-set of bearing tension with a single 'key'!

The neatest finishing touch to your front end!

- Dished cap precisely machined from T6 Alloy!
- Positional 'donut' allows for accurate bearing tensioning!
- Stainless Steel M6 Screw for durability!
- Available to fit 1" and 1.125" Steerer Tubes!
- Blue, Red, Black or Platinum Anodised finish with Laser Graphics!

1" (Part No. 064) 1.125" (Part No. 065)



# L168

CROSS COUNTRY  
stem



Used to win the  
1995 and '96  
National Championships



Used to win the  
1995 Tour of Spain.



**237g**  
approx

### Technical Spec

- Fully CNC machined from billet T6511 alloy!
  - Four bolt clamp incorporating Delrin PL Sleeve - avoids metal to metal contact, banishing bar creaking and allowing for easy adjustment!
  - 115mm or 135mm lengths • 3 degree Rise
  - Anodised finish with Laser graphics!
  - Championship winning design!
- 135mm (Part No. 060) 115mm (Part No. 061)

**L168 - A radical departure from existing stem designs!**

# XLR Pro TITANIUM

This competition spec cross country bar is the 'Choice of Champions'! With a race-bred technical specification, XLR Ti bars combine high Torsional Strength with Low Weight and an International competition winning pedigree to inspire confidence and give ultimate control! One of the best value, pro-quality, cross country upgrades, money can buy!!

- Swaged 20 gauge Titanium - the perfect combination of Strength, Flexibility and Durability!
  - UTS (Ultimate Tensile Strength) in excess of 535 Nm (NAMAS Test laboratory approved reading) way above BSI No. 61021!
  - Structure of bars helps to reduce 'Wrist-buzz' to a minimum!
  - Hand Polished to give a naturally corrosion resistant finish!
  - Fitted with matching turned and anodised end-plugs with laser graphics - provide additional support when using bar ends!
  - 540 & 560mm Width - Strait or 3 Degree Sweep!
  - Low weight - only 160g approx.!
- XLR 540 Strait (Part No. 012) 3° (Part No. 013)  
XLR 560 Strait (Part No. 014) 3° (Part No. 015)

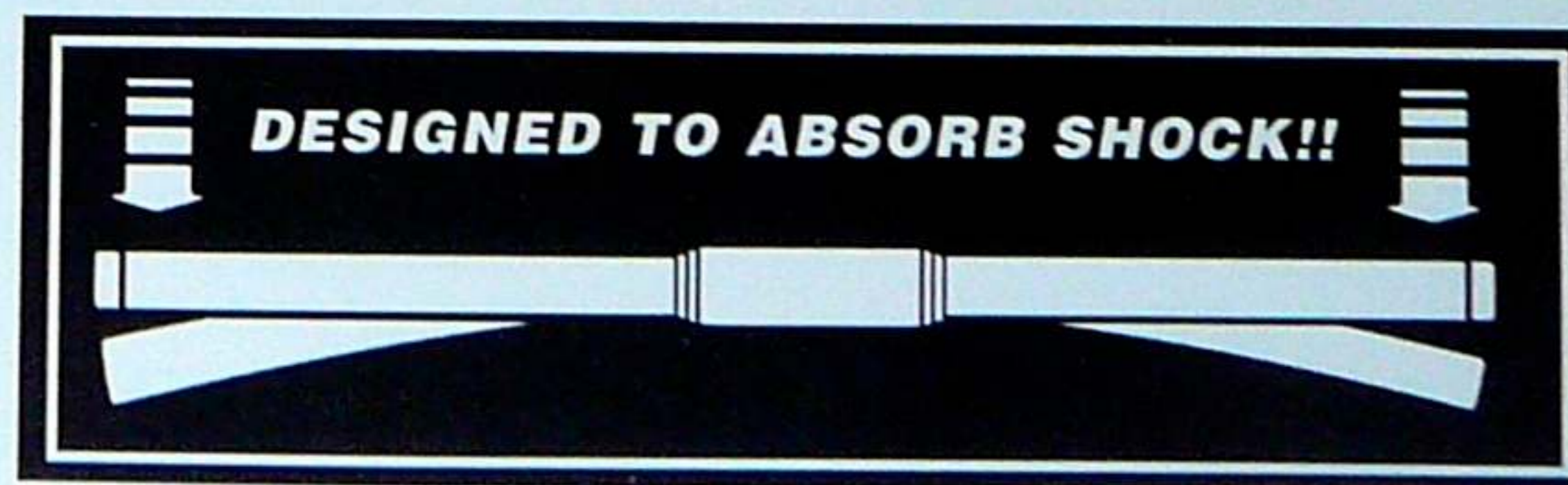


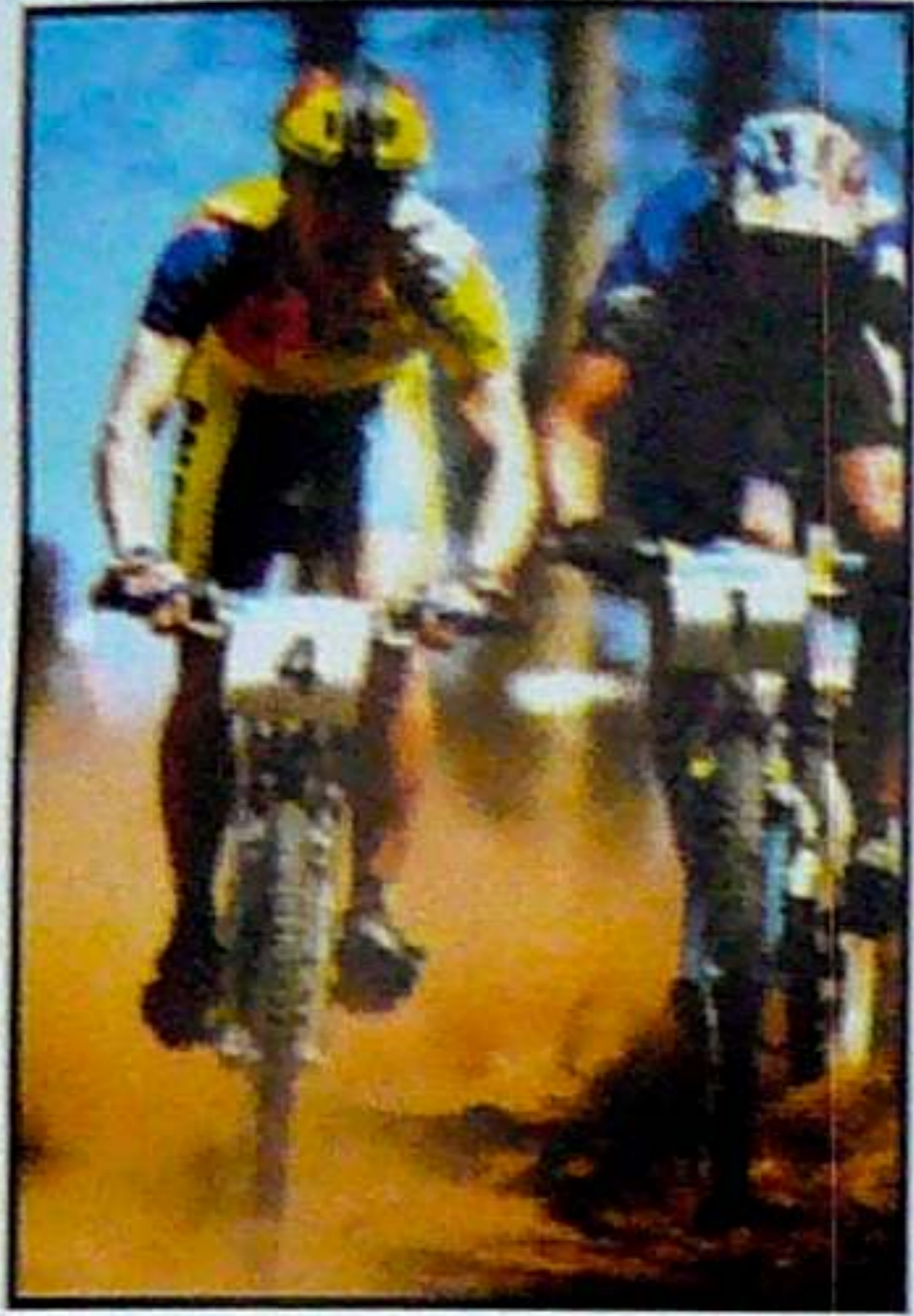
Fitted end plugs - Added support!

Fitted with turned anodised and laser etched end plugs in a choice of Blue, Black, Platinum, Red, Gold or Purple.



560mm width





Barrie Clarke  
and Tomac!



Used to win the  
1995 Tour of Spain.

**165g**  
approx



Used to win the  
1993, '94, '95 and '96  
National Championships

# FLY

## Billet Machined Downhill Stem



Speed requires precision equipment! Our Billet Machined 'FLY' Downhill Stem has been developed specifically to meet the needs of the most demanding, world class downhillers in the most demanding situations! A radical piece of CNC'd Downhill Race Hardware!

Precision crafted from a billet of 6000 series alloy, the 'FLY' sets the standard for stiffness! You only have to take a close look to see the intricate machining this product has undergone. The 'FLY' enables you to build an ultra strong, reassuringly stiff control centre which delivers pinpoint steering accuracy and control in the most extreme situations!!

- Fully CNC Machined from Billet 6000 series Alloy (treated to T6)!
- Four bolt, top mount bar clamp you can rely on - ensures secure bar retention and allows for easy adjustability.
- Short and stiff, giving responsive, precise control with maximum torsional rigidity!
- 95mm (Part No. 062) or 70mm Reach (Part No. 065)!
- 10° Rise - gives the perfect position from extreme Downhill to just plain cruising!
- Machined to custom-fit the **X-LITE** Stem Plug!
- Anodised Finished in Silver, Blue or Red with permanent laser graphics!

The 'FLY' Stem has been used by the world's top Downhill contenders - Steve Peat (**MBUK/Nike World Team**) to win the 1996 British National D/H Championships and Thomas Misser (**Team Kona/Volvo/Rockshox**) to take the '96 European D/H Champion title!! It's also the choice of riders from **Team Raleigh** and the **Animal Downhill Team** and has established itself as a favourite on the D/H race scene!

## FLY 70mm reach



## Stem Plug

"Cure That Head Play!!"

The cool solution to threadless headset fitting and adjustment! Compact reusable self-setting system does away with fixed 'star-fangled' nut. Allows for adjustment and pre-set of bearing tension with a single 'key'! The neatest finishing touch to your front end!

- Dished cap precisely machined from T6 Alloy!
- Positional 'donut' allows for accurate bearing tensioning!
- Stainless Steel M6 Screw for durability!
- Available to fit 1" and 1.125" Steerer Tubes!
- Blue, Red, Black or Platinum Anodised finish with Laser Graphics!

1" (Part No. 064) 1.125" (Part No. 065)





**FLY** 95mm reach



Used to win the 1996  
National D/H Championship!



Used to win the  
1996 European D/H  
Championship!



Used to break the World  
Bunnyhop Record!



Limited Edition 'Hot' Colours!

**A CNC Masterpiece you can rely on!**

# G-FORCE

## Downhill Specific Handlebar

We got really serious with this one!!! Specifying only optimum standard 3.5mm wall thickness cold drawn seamless 7005 alloy tube which is subsequently heat treated and precisely manipulated, we have created a Downhill Bar which is so awesomely strong that Pro's like Steve Peat (MBUK/Nike World Team '96) and Tommi Misser (team Kona/Volvo/Rockshox) rely on it!

### Here's the juice!

- Full **SMD** (Strength-maximising Design) Specification! Designed to cope with the biggest hits, 'burliest' jumps and 'gnarliest' landings!
- Cold Drawn 7005 Heat Treated Seamless Alloy!
- 3.5mm Wall Thickness!
- 660mm (26") Width!
- 30mm or 50mm rises!
- 10 degree Sweep!
- Large grip-sections designed to allow for 'tailoring' of bar!
- Available with Red, Blue, Black or new 'Satinium' Anodised 'Satin' finishes!
- Laser etched graphics!
- Increment marks on ends to allow for accurate cutting down!
- **X-LITE** stamped in bar for authenticity!
- This one's proven by the Top Guns!  
30mm rise (Part No. 116) 50mm rise (Part No. 117)



## Disco b.b.'s

### GRIPSTOP BAR BUNGS

Riders Kept telling us about grips twisting and slipping on bars! Not cool mid-'table-top' or 'pumping' to clear those doubles!!

So... we set out to develop a bar bung which would work with thick walled D/H bars, act as a 'grip stop' and be able to stand up to the rigours of extreme downhill competition!

A simple product that does all that's asked of it with ease!

- Turned and Knurled T6 disc!
- Shoulder prevents grips from slipping off!
- Knurling acts as an index when riding in gloves!
- Protect Ends of bars in crashes!
- Stop ingress of mud, debris and water into bar!
- Fit bars up to 3.5mm wall thickness!
- Meet Race Regs!
- Stainless M4 Bolt for durability!
- Available in 5 colours with laser graphics!
- Give a really 'trick' detailed finish!



Used to win the 1996  
National D/H Championship!

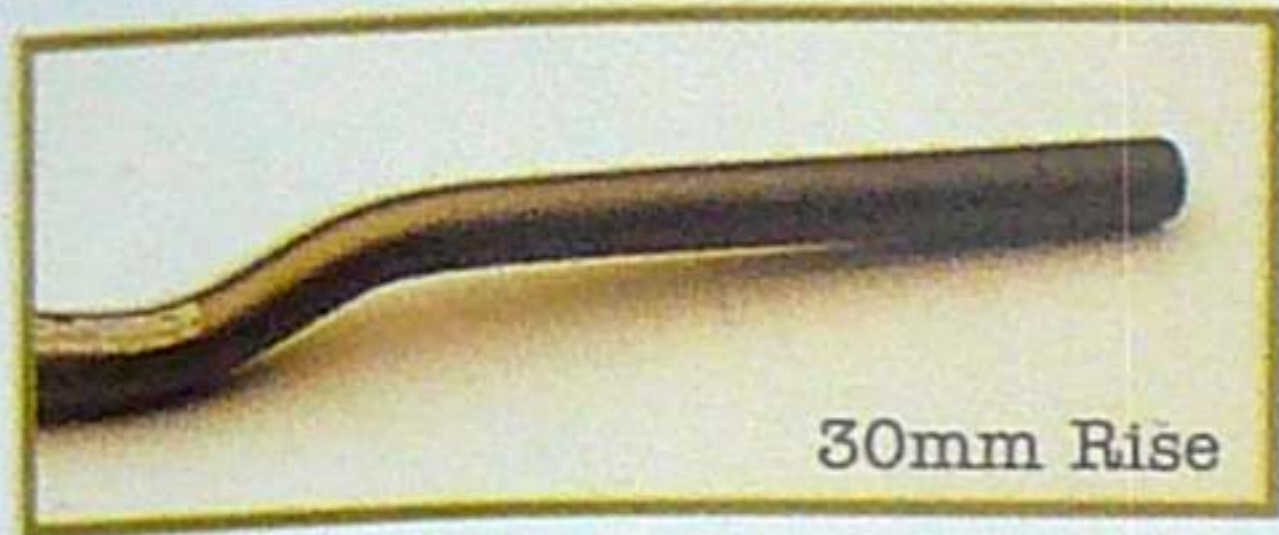


Used to win the  
1996 European D/H  
Championship!



Used to break the World  
Bunnyhop Record!





30mm Rise



50mm Rise



**Bar Brace available separately**

- Tapped and threaded clamps - minimises "creaking"!
- Black anodised finish!
- Laser graphics on brace and clamps!



Guaranteed  
**RACE**  
Durable!

# ZE TYPE

## seatposts

Our latest ZE Type Seatpost has raised the standard for strength and durability! The design has been revised specifically for top level competition use, ZE Type models feature a cold-forged alloy head which is CNC machined to reduce weight without compromising strength, achieving critical mass and dimension! This is accurately press bonded into 2014 Aerospace Grade Alloy tube to create an awesomely strong and reliable post which displays long-term fatigue resistance. Elegant, simple and light - one single Stainless Steel M8 fastening bolt allows easy and precise adjustment whilst the grooved clamp to head location system ensures that the saddle won't slip even under extreme loading!

Used successfully by top Pro Cross Country, Downhill and Road riders this post has been tested in the toughest races around the world from the World Downhill Championships in Australia to the UK X/C and DH Nationals; 'Wreckermended' by MBUK and voted Best Buy in Cycling Weekly. The latest '97 post retains our 'Classic' finish - surface polished and clear anodised tube with colour anodised head. High quality machining and detailed hand finishing make the ZE Range of Seatposts superb Value for money!

### Technical Spec!

- CNC machined cold forged ultra-thick head!
- Certified 2014 Aerospace grade tube!
- Grooved clamp to head location system - increases contact area giving ultimate grip yet allowing ample adjustment!
- Optimum 27mm layback - perfect for today's frame geometries and riding styles
- Durable M8 Stainless Steel bolt.
- Comes in 10 sizes (26.0, 26.4, 26.8, 27.0, 27.2, 28.6, 29.4, 30.0, 31.4, 31.6mm)
- 360mm or 400mm true useable length!
- Weight: a superlight 240g, (depending on length).
- Available in five colours: Purple, Blue, Black, Red and Platinum.

Part No. 035



### ZE TYPE roadpost

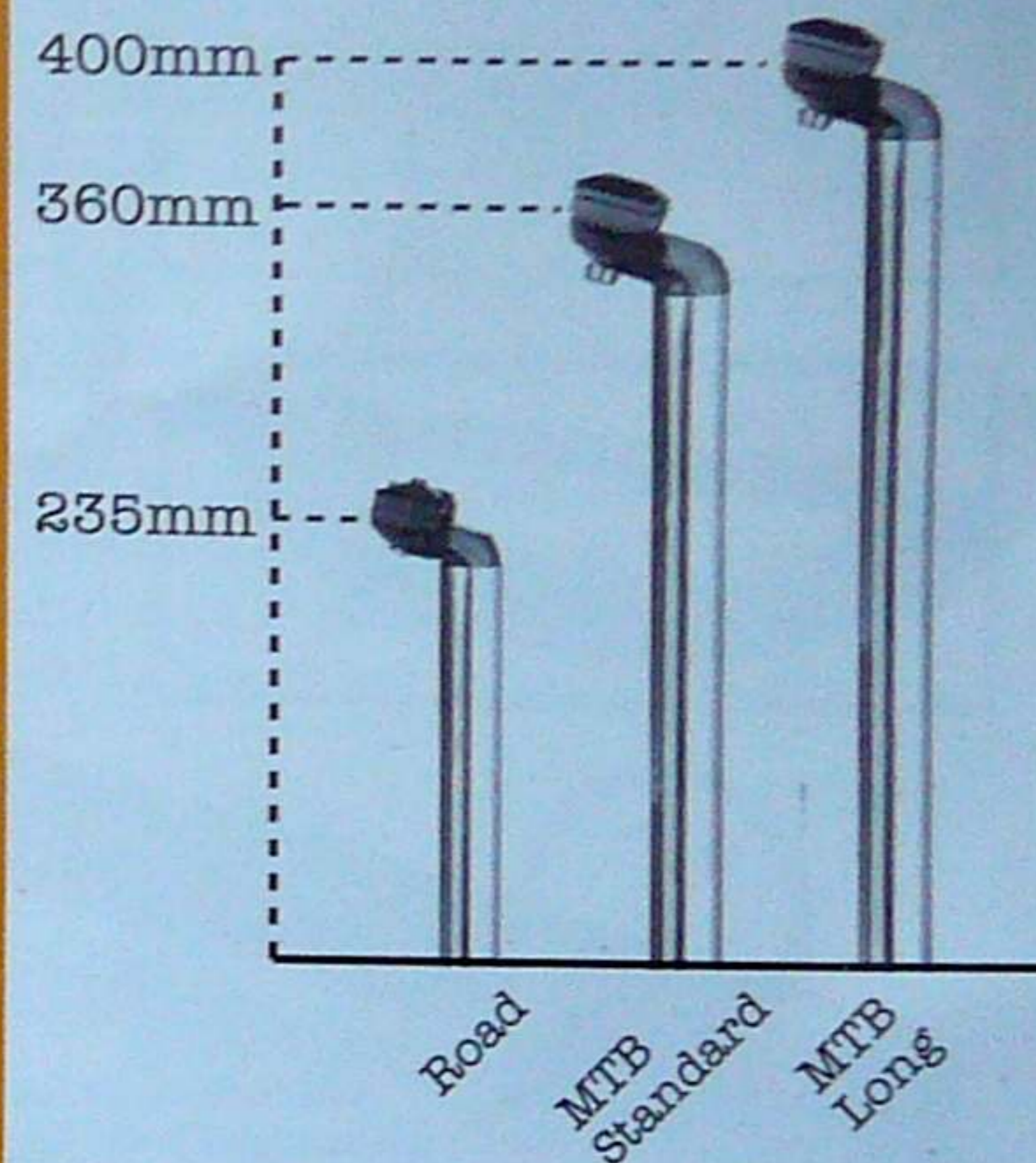
Based on the engineering excellence found in the ZE Type MTB post: CNC'd head with grooved location system, ideal layback and high quality detailed finish - the ZE Type Roadpost is a design Classic!

Available in a standard 235mm length (custom lengths for Time Trial and Lo Profile bikes are available from 235mm to 400mm to special order) the ZE Type Roadpost tips the scales at a superlight 190g (approx)!! It comes in 10 diameters with a polished post section and head anodised in one of five colours. Cycling Weekly's Seatpost Grouptest could find nothing to say against the ZE Type... It was voted Best Buy!!! (Part No. 036)

Also available (To special order) ... **MMC Road Post** - possibly the world's lightest and most exotic Seatpost! The beautifully machined head assembly as used on the ZE Type Seatposts is hand finished and bonded into a Metal Matrix Composite Tube - the lightest and strongest alloy known to man, developed using aerospace and F1 technology. This creates a road post that weighs a jaw-dropping 148g!

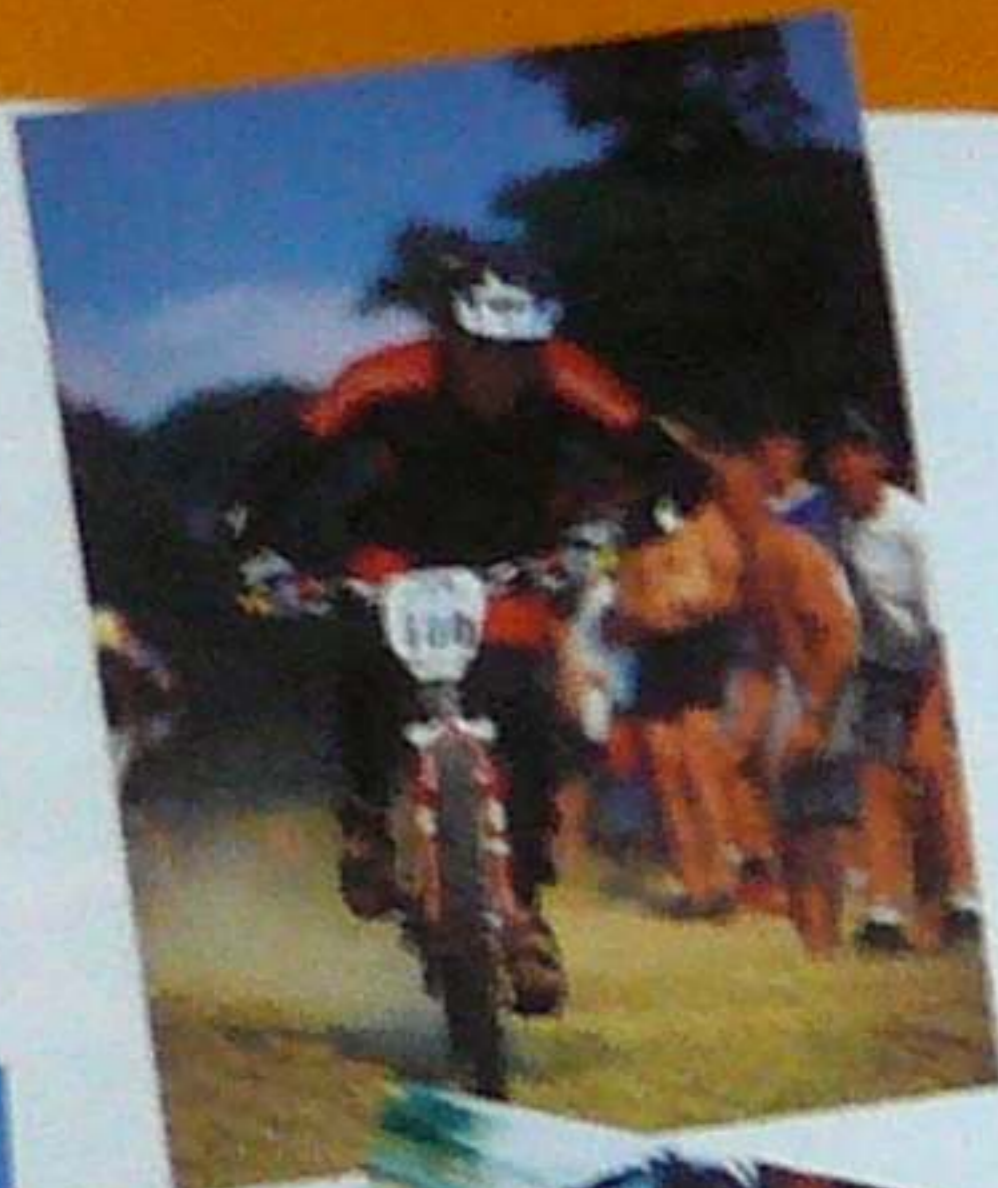
MMC Roadpost comes in a range of sizes and uses a specifically developed Delrin Gripshim which negates any metal to metal contact where the seatpost enters the frame. The head is polished and anodised in gold or silver/clear whilst the post is 'Satin Graphite' with permanent laser graphics!

### ZE TYPE POST DIMENSIONS






Around  
**240g**  
approx



1997  
**CLASSIC**  
FINISH

  
Used to win the  
1995, '94, '95 and '96  
National Championships

  
Used to win the  
1995 Tour of Spain.

  
Used to break the World  
Sunnyhop Record!

  
Used to win the 1996  
National D/H  
Championship!

  
Used to win the  
1996 European D/H  
Championship!

# PSS

**PILOT SUPPORT SYSTEM**

When we launched the PSS saddle at the beginning of 1996 we were convinced it was going to be popular on the race circuit! We were right..... PSS has proved successful not only in international competition but also with riders at all levels.

Wreckermended by M<sup>B</sup>UK Magazine for extreme riding PSS draws on classic race styling with just the right width for easy transitions on and off the saddle. Getting off the back for those near vert descents is a piece of cake and climbing is comfortable thanks to its sympathetic nose profile (which won't mess with the family jewels!).

We specify Swiss woven Du Pont Kevlar for its durability and resistance to abuse (they make bullet proof vests with this stuff!). But, mindful of our climate we built in a water resistant membrane directly below the Kevlar surface. Combine this durability with the comfort afforded by the microcellular padding specifically chosen for MTB competition shock absorption and it's easy to see why PSS is the pros choice!



Classic Race Profile!

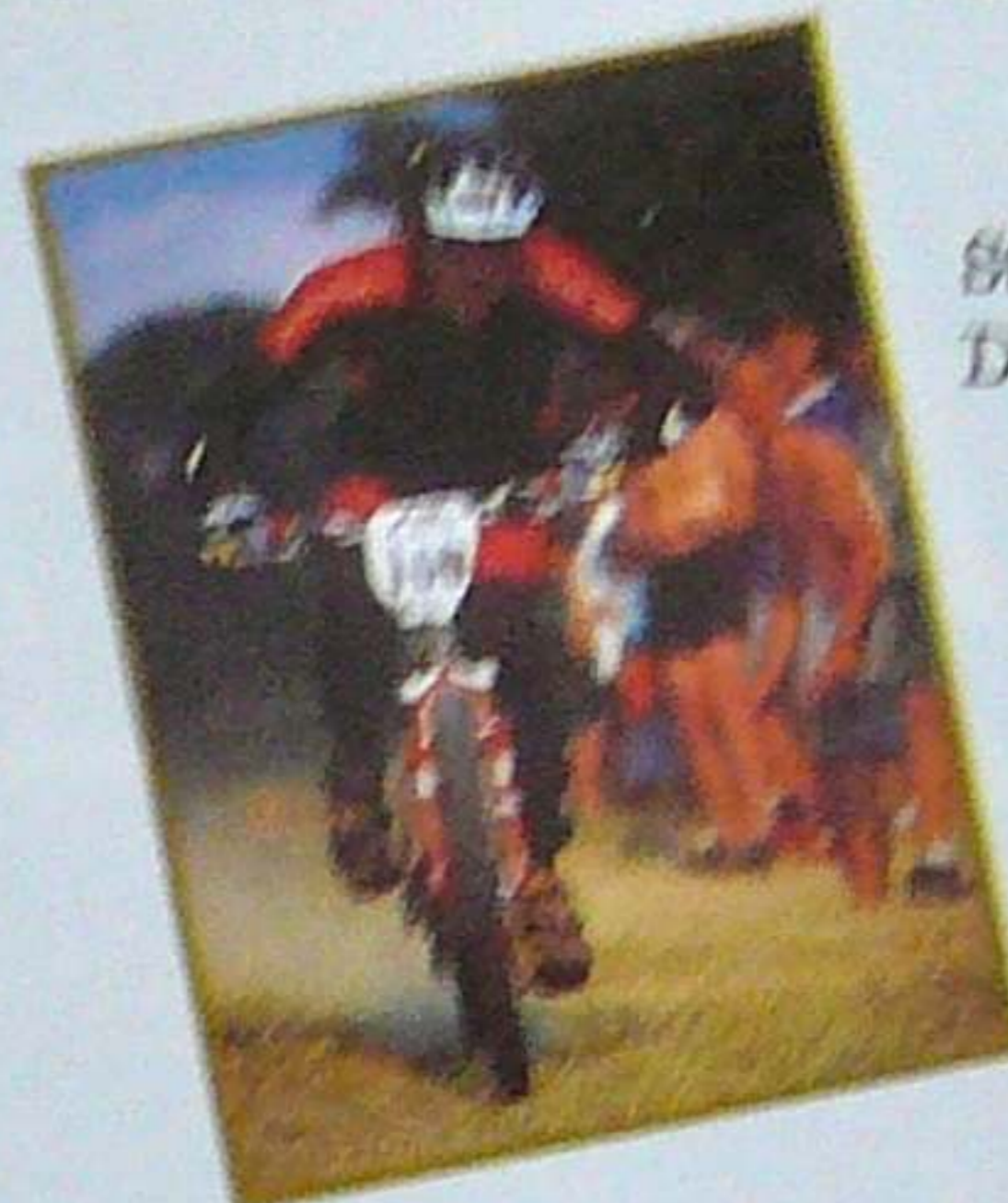


Available in Four Hot Colours

## Technical Spec

- Kevlar Cover in 'heavy grain' weave - Rip, Tear and Scuff Resistant!
  - Grips in all conditions!
  - Water Resistant sub-surface 'membrane' & Water Repellent Surface!
  - All Terrain PU High Density Padding (features long term 'Memory' and Durability)!
  - 6Al 4V Titanium Rails!
  - MTB specific design!
  - Pros-choice! Used by Steve Peat (M<sup>B</sup>UK/Nike World Team) 1996 National D/H champion; Tommi Misser (Team Kona/Volvo/Rockshox) European D/H Champion; Team Animal....and more!!
  - 'Wreckermended' by M<sup>B</sup>UK for Extreme Riding!
  - Available in Blue, Black, Red or Yellow!!
- Part No. 080

245g  
approx



Steve Peat National D/H Champion '96!



Tommi Misser European D/H Champion '96!



Steve Geall World Bunnyhop Record Breaker!



Used to win the 1996 National D/H Championship!



Used to win the 1996 European D/H Championship!



Used to break the World Bunnyhop Record!

# CAMLOK

## Quick Release System

The CamLok Quick Release System comprises Wheel QR's in Stainless Steel and Titanium and a QR Seat Binder utilising the same unique Cam 'set-up'.

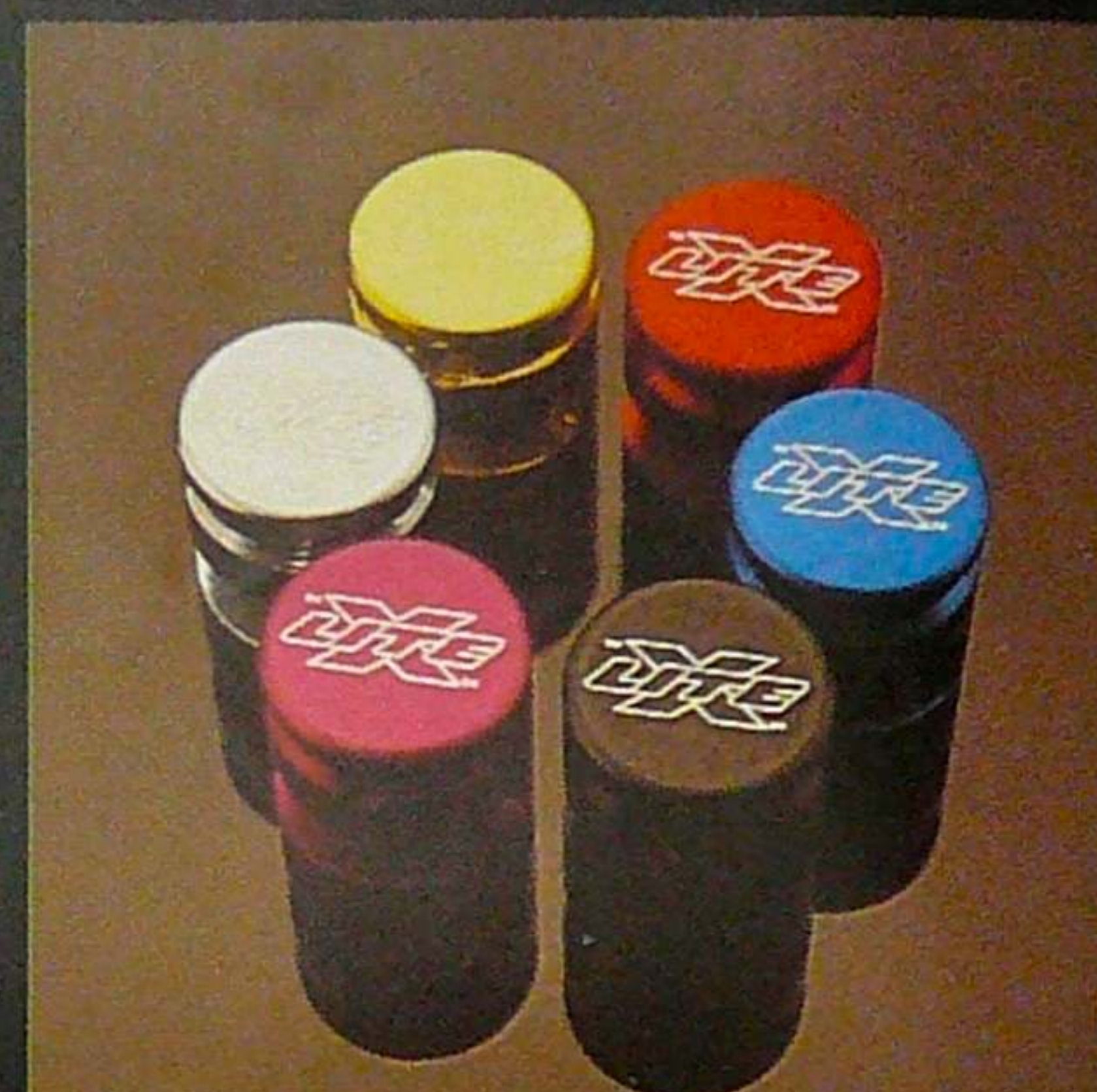
Combining fully CNC machined cams, washers and adjuster nuts, the highest quality 6Al 4V Titanium or High Grade Stainless Steel rods together with a host of specifically designed features makes CamLoks the lightest, full spec QR's in the world!

In use CamLoks have a silky smooth locking action thanks to our unique cam profile which is low geared to generate maximum clamping force with minimum effort. The cam's over-centre designed action 'backs-off' at locking position to prevent accidental release! Removable lever keys allow for extra weight reduction and are a great security feature!

Used and proved by top Pros at National and International level in both MTB and Road Races CamLoks have securley held the winners wheels in for the 1993, '94, '95 and 1996 National Championships! With this pedigree you're onto a winner!



Removable Lever Keys for security!



Available in 6 colours.



**30g**  
approx

## CAMLOK

Seat Quick Release

All the benefits of the Camlok QR system allowing instant seat post hieght adjustment and secure positional clamping! (Part No. 032)







Used to win the  
1993, '94, '95 and '96  
National Championships



Used to win the  
1998 Tour of Spain.

**TITANIUM** 58g

approx

**STAINLESS STEEL** 78g

approx



**CAM**  
**LOK**

Wheel QR's

**Technical Spec**

- The lightest full spec Q/R's available!
- Smoothest operation through acetyl bearings and unique Cam Profile which generates maximum force!
- Removable lever keys for extra weight saving and urban security!
- Stainless Steel Springs
- Available in Red, Blue, Black, Purple, Gold or Platinum
- Anodised finish with permanent laser graphics!
- Titanium Part No. 030 / Stainless Steel Part No. 031



Barrie Clarke

# BRAKE

## Components

Chicken Stix Brake Levers, retro-fit Brake Adjusters and Ti Brake Pivot Bolts. High quality upgrades to create a custom finish... when detail really counts!!

### CHICKEN STIX BRAKE LEVERS

Elegant, no frills 3-finger levers that weigh just 135g, per pair (approx). Offering a serious value for money custom upgrade, these levers don't just look 'trick' but have a positive slop-free action for serious braking in all conditions, without breaking the bank! Chicken Stix LP (Long Pull) design makes them compatible with 'V' brakes and conventional cantilevers!

#### Technical Specification

- CNC machined, ergonomic, 3 finger lever profile!
  - 'V' Brake compatible due to Long Pull design action!
  - Stainless Steel pivot and clamp bolts!
  - Stainless positive-action return spring!
  - Compatible with all major shifters, including Gripshift!
  - Available in 5 anodised finishes: Purple, Blue, Red, Black and Platinum!
- Part No. 023



#### BRAKE ADJUSTERS

Another finishing touch from X-Lite! Machined from T6 treated alloy and available in 7mm or 10mm sizes these adjusters will dress-up most levers including the latest Shimano range!

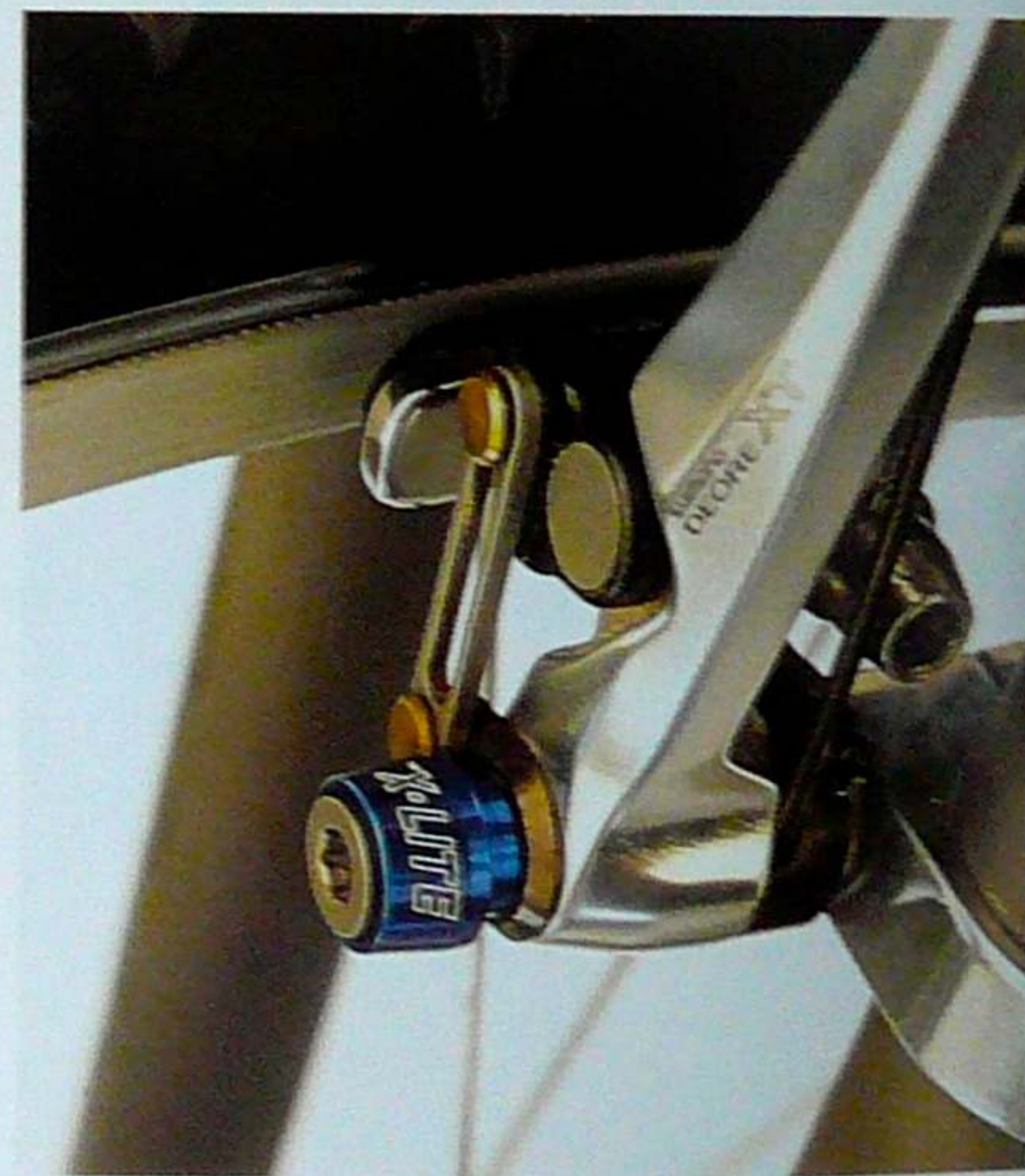
- Five colour choice Purple, Blue, Black, Red and Platinum!
  - Low weights: 8gms, 10gms!
  - Race proven toughness!
  - Lightweight alloy with locking ring!
  - Available in 2 sizes 7mm and 10mm!
- Part Nos. 016 (7mm) 024 (10mm)

#### TITANIUM BRAKE PIVOT BOLT SET

Don't be a braking clone!!

X-Lite retro fit brake bolts take the place of your boring cantilever or V-Brake bolts and add a sparkle of colour. Collars machined from HE30 aluminium with M6x16 Titanium bolt.

- Fits all cantilevers including V-Brakes!
  - Titanium bolts!
  - Low weight, just 12gms a pair!
  - Laser etched logos!
  - Five colour choices Purple, Blue, Black, Red and platinum!
- Part No. 034



# CHICKEN STIX BRAKE LEVERS



**135g**  
approx per pair

**The Long-Pull, Lightweight,  
Smooth, Positive Action Upgrade!!**

# X-Country Bar

In response to demand for a cross-country specific riser bar, we've created the X-Country! We noticed riders with lightweight bikes out on the singletrack using heavy downhill specific bars! They like the extra control and leverage the width gives. They appreciate the more laid back position - great for cruising all day! But that extra weight??

X-Country hits the mark. We chose to use cold drawn seamless aerospace grade tube heat treated and precisely manipulated it to create a bar with a comfortable rise and sweep, great all round width, scope for cutting down and a ripple-free jewel like finish.

## Technical Specifications

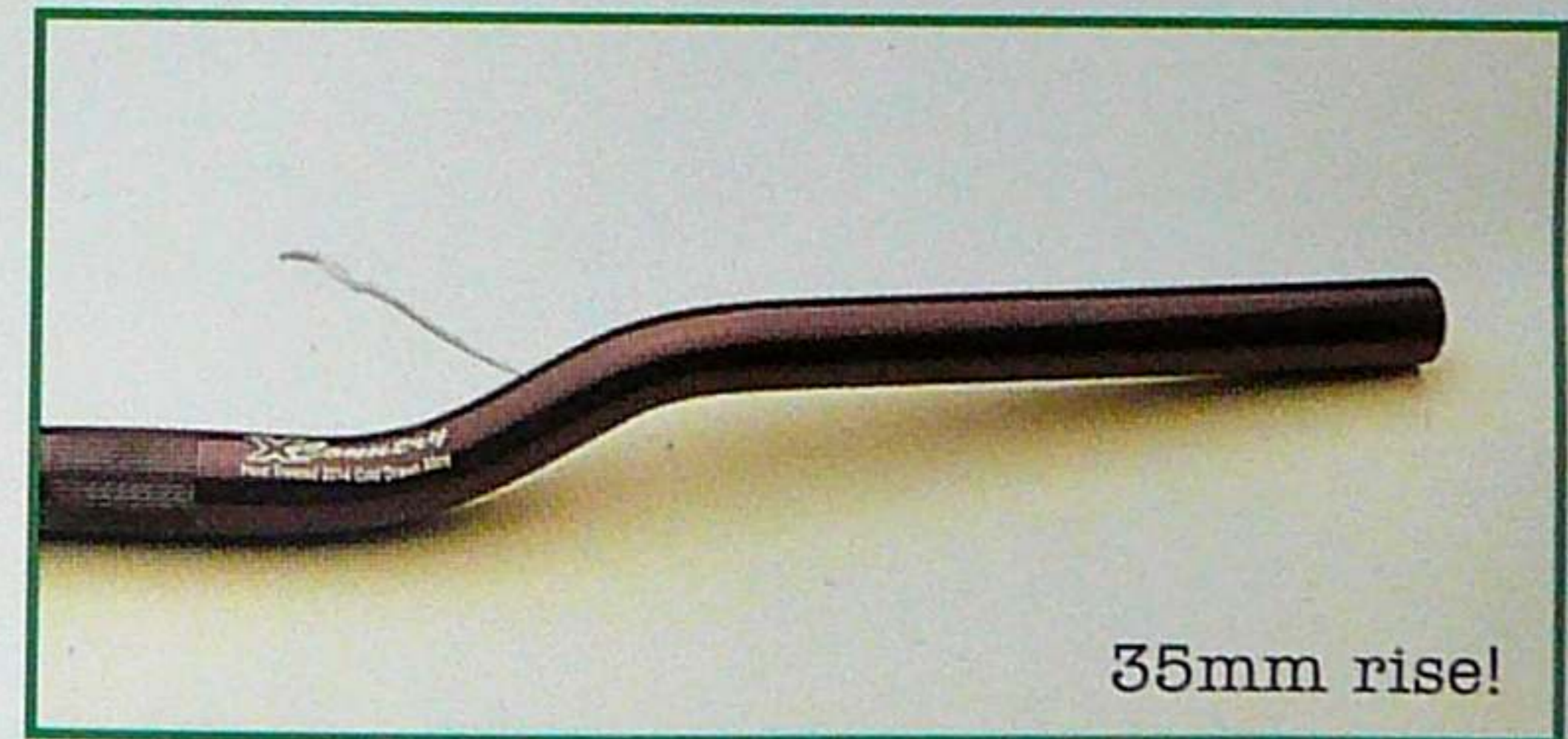
- Cold drawn heat-treated seamless alloy!
- 625mm (24.5") approx width!
- 35mm rise!
- 9° sweep!
- Large grip sections designed for cutting down!
- Helps reduce lower back/lumbar stress!
- Available in "Funky" anodised finish with laser graphics!
- Weight 215g approx!



215g  
approx



Funky Finish!



35mm rise!

*A greater degree of positional comfort - Race or Trail!*

# TITANIUM Pro



Like all X-LITE components the Titanium Pro frame is the result of extensive R&D and final phase refinement!

Titanium is firmly established as being the optimum material for hardtail frames. The Titanium Pro frame employs tubing created specifically for use in MTB competition frame construction (and not `bastardised` off the shelf tubing intended for aircraft hydraulics like much of the Al/V 3/2.5 tubing in use). This tubing offers considerable advantages in manipulation and construction over off-the-shelf tubes. It enables the frame to be made the way we want it, and it can be worked the way we specify. The structurally enhanced Ti tubes are created to meet our requirements and are Plasma-arc welded to construct a Frameset which fulfils our objectives: minimum weight together with the ultimate performance, maximum strength and durability.

The result is the Titanium Pro. A frame which reflects the build quality, advanced manufacturing techniques, first-class materials, attention to detail and unique finish you would expect from X-LITE! Titanium Pro frame is just as suited to being the basis of a sub-21lb Cross country bike as it is to being a super-tough dual slalom/jump bike for `ripping it up`!! Ti Pro is an investment, guaranteed race durable, it's a frame that has to be ridden to appreciate the incredible feel and ride quality that the Titanium tubing transmits back to the rider!

## **The benefits of the Titanium used to create the Titanium Pro.**

- Ti combines the best attributes of steel (a degree of spring or flex) and aluminium (light weight). It is responsive and offers the perfect balance between weight saving, strength, performance and overall ride quality.
- Custom drawn, over-sized tubes used in the Titanium Pro are manufactured to the highest aerospace standards and processed to optimise Ti's mechanical properties to generate a U.T.S in excess of 600MPa. They are strength-enhanced and plasma arc welded, which ensures consistently first-class build quality. Some manufacturers may quote over-engineered Ti performance figures. R&D has proved these levels are unnecessary. Our frame has a Championship winning, trouble-free pedigree to substantiate this fact!
- Titanium offers an unparalleled level of durability - resistant to corrosion and fatigue, it will not rust and does not need painting!

# TITANIUM *Pro*

## FEATURES

- Created to fulfil X-LITE's objective of minimum weight with maximum performance!
- Conceived designed and manufactured in England utilising a wealth of advanced engineering knowledge!
- Guaranteed Race Durable and backed up by a lifetime guarantee!
- Wishbone seatstays ensure rear triangle rigidity and transmit maximum drive!
- Custom tapered and swaged chainstays enhance rear triangle strength!
- Excellent all-round geometry designed to take advantage of rigid or suspension forks options!
- Strong and Elegant laser profiled rear dropouts designed to take the knocks and shocks!!
- Excellent top and side mud clearances for heavy conditions!
- Dedicated X-LITE Tolerance related Seatpost (28.6mm) for optimum frame fit!
- Dedicated Seat Clamp with Delrin Sleeve - extends support at collar area and minimises the possibility of knife-edging!
- Fully detailed and hand finished in the X-LITE factory!
- All frames are finally checked by our stringent Quality control!
- 'Shot Satin' finish with polished-in logos and custom finish option on Cable Guides, Seat Clamp and Titanium Rear Brake Bolts!
- Available in 16" (41cm), 18" (46cm), or 20" (51cm)
- Weight only 1.5kg (3.4lbs) approx. (based on 18" Frame)
- Dedicated range of components which offer a complete colour coding option from brake pivot bolts to a completely custom finished chassis kit!
- Championship winning pedigree!

## Frame or Chassis Kit?

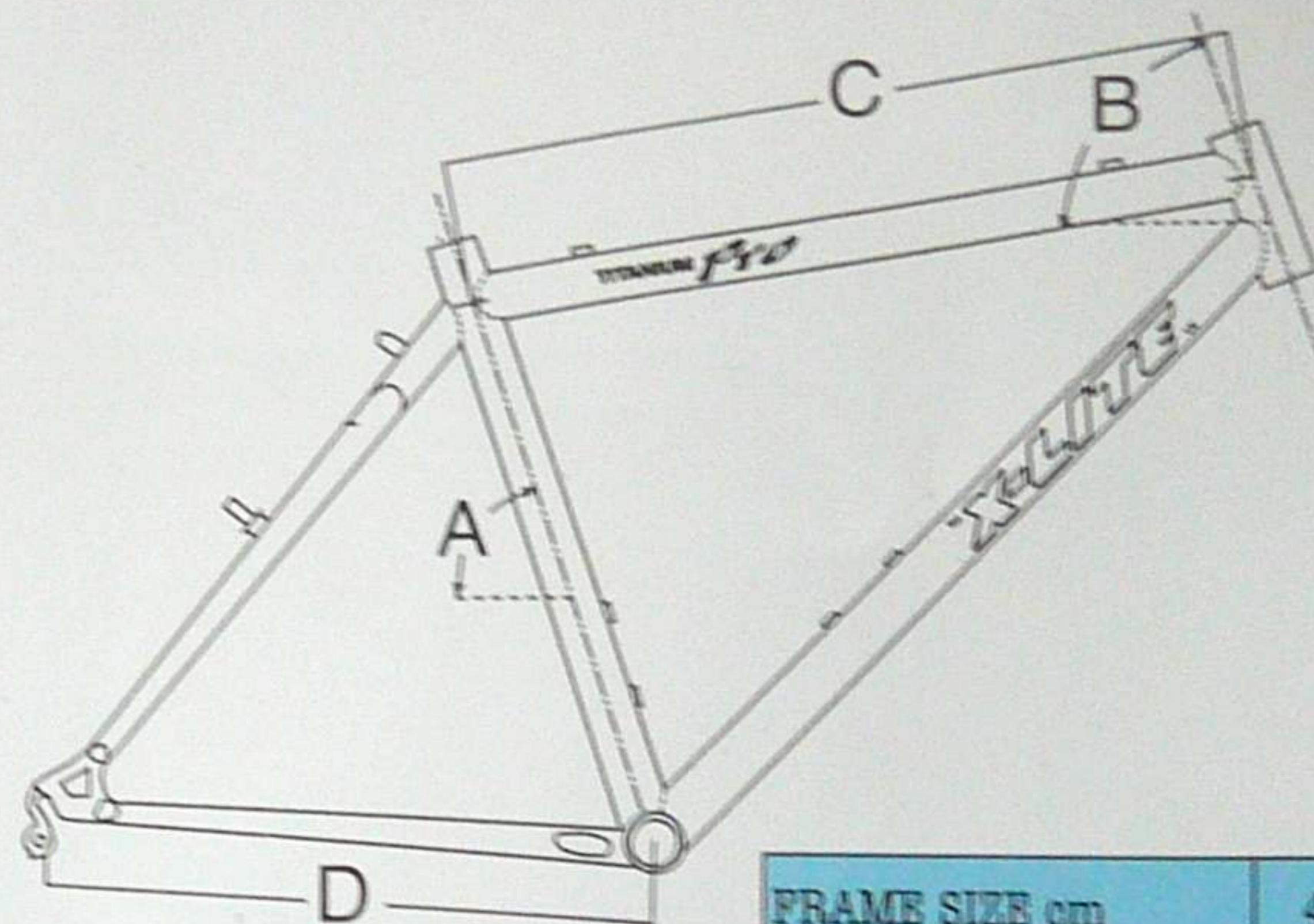
From custom detailed frameset to fully spec'd chassis kit, you choose!!  
Even in its basic form the Ti Pro frame has a detailed, hand built durable finish!  
Ti Pro is available as:

- **Basic Frameset** - Hand finished with custom detailing on Cable guides, Seat clamp and retro-fit Ti Brake Pivot Bolts!
- **Chassis Kit** - fitted with Ti Pro Rigid Fork featuring our AHBS (Advanced Head Bearing System), CNC'd Crowns/Yokes, dropouts and Brake mounts!

Or "go the whole hog" and spec a Total Chassis and Dress-up Kit including X-LITE's tolerance related ZE Type seatpost for optimum fit (we recommend this with all frame options), L168 or FLY Billet Machined Stem, PSS Saddle, XLR or X-Country Bars, Camlocks and so on!!

**The choice is yours. The only limit is your imagination!!**

## TITANIUM *Pro* Dimensional Specification



FRAME SIZE cm	41	46	51
SEAT ANGLE A	70.5°	71°	71°
HEAD ANGLE B	74°	75°	75°
TOP TUBE LENGTH C	551	555	578
CHAINSTAY LENGTH D	425.5	425.5	425.5

## TITANIUM *Pro* FORK

The world's best Rigid fork set-up? We'd like to think so!!

Conceived for MTB's by X-LITE back in 1991 (in both rigid and suspension forms!) our Titanium Pro Rigid Fork has evolved through an extended learning period!!

Thanks to the Twin Crown design, which minimises deflection in the lower crown, Titanium Pro Forks deliver pinpoint steering accuracy and precise handling! What's more, the twin crown configuration is kinder to frame head tubes, transmitting load evenly across both interfaces.

Fully CNC Machined, 'Complex Web' Design Twin Crowns firmly hold SE 3/2-600 Titanium Stanchions. This set-up has the perfect combination of stiff precise tracking while maintaining a degree of flex which translates into a lively, 'buzz-free' feel!

Designed to cope with the forces exerted by 'V' Brakes, the Titanium Pro Rigid Fork features fully CNC Machined dropouts and brake pivot mounts together with our AHBS (Advanced Head Bearing System). AHBS utilises Timken Taper Bearings for durability ensuring a constant, even load spread and low maintenance/adjustment requirements. AHBS also ensures a low stack height at the top crown so established riding position remains unaffected after fitting!

Weight is an astonishing 915g approx!

With Titanium Pro, rigid forks are a serious option!!



Wishbone seat stays,  
dedicated Seat Clamp and  
Tolerance Related Seat Post!



Elegant and strong laser  
cut vertical drop-outs!



## TITANIUM *Pro* FRAME

The ultimate combination of Performance,  
Light Weight, Ride Quality and Durability

**1.5kg**  
approx

**Pure Precision = Pure Adrenalin!!**

# X-LITE<sup>TM</sup> SOFTWARE<sup>UK</sup>

**PURE 'X' appeal!!**



## X-LITE T-shirt

- Limited Edition Personnel Design!
- High Quality 100% cotton!
- Printed Front, Back and Sleeve!
- Safari Beige!

Design may change without notice.  
Check with your dealer/distributor.

## Also available X-LITE Stickers

- High quality logos
- 4", 6" or 9" outline logos
  - 'Fat X' in black or silver
  - X-lite Union Jack (in pairs).



## X-LITE Team Cap

- Melton Wool!
- Five Panel Design!
- Embroidered Logo!
- Leather Adjuster!

Design may change without notice.  
Check with your dealer/distributor.



## X-LITE Keyrings

- Available in Black, Blue or Red!
- T6 Turned Alloy Disc!

Design may change without notice  
check with your dealer/distributor



## Team X-LITE Race Kit

- Limited Edition Team Design!
- High Quality Breathe Technical Fabric!
- Sublimated Print!
- Long Sleeve!
- Full Zip - no removing your helmet!
- Matching 8 Panel Shorts available!

Design May Change Without Notice  
check with your dealer/distributor.



# Bike Candy



*... for the one  
you love!!*

- 1** Retro-Fit Brake Adjusters 7mm or 10mm - 8g or 10g per pair approx. (Part Nos. 016/024)
- 2** Titanium Brake Pivot Bolt Sets - 'V' brake compatible - 12g per pair approx. (Part No. 034)
- 3** Titanium (12g approx) or O/L Stainless Steel (16g approx) seat binder bolts. (Part Nos. 020/022)
- 4** Crank Kaps - The finishing touch to cranks! Keeps dirt and water out. 4g per pair approx (Part No. 018)  
(Fitting tool available Part No. 019)



# Maintenance

## MUC-OFF

International Pros like Steve Peat and Barrie Clarke, top Mag Testers and professional mechanics all use and recommend Muc-Off! The most revolutionary Bike Specific cleaner you can buy!

Muc-Off's specially developed formulation is the fastest way to clean your bike. Simply spray on, leave for 30 seconds, then wash off! It's so easy! Everyone who uses Muc-Off is hooked...it's the best and the only cleaner you'll ever need!



Barrie Says "Muc-Off is No.1!"

- Spray On, Wash Off, No Sweat!
- Safe and Easy to use!
- Alkaline based and solvent free!
- No CFC's, biodegradable!
- Big 1 Litre bottle - great value for money!

Muc-Off works even better with its 'sister' product X-Lube...Think of Muc-Off as the 'shampoo' and X-Lube as the 'conditioner'! You get the picture. Used in conjunction regularly these products make it easier for you to ensure your ride stays in A1 condition, ready for action!

Note - Always read instructions before use!

Specifically formulated by Dr X in the X-LITE 'Lab'! Yeah...we know how **BORING** cleaning and maintaining your bike used to be!! But...You've gotta do it!

That's why we developed our **Maintenance** range of products - an interrelated 'system' which outperforms **everything on the market!** Cleaning can be fun and easy!!



Muc-Off is also available in a 5 litre container... Great for workshops or refilling your 1 litre trigger bottle!

SPRAY ON, WASH OFF, NO SWEAT!  
**MUC-OFF**  
SPECIFICALLY FORMULATED BIKE CLEANER

# Products



## LOC-ON

Loc-on is a fast acting, high viscosity thread lock/sealant solution for bikes which prevents corrosion and galling and most importantly stops your bolts coming loose! Specially formulated by Loctite for X-LITE!

- Handy 10ml size
- Fast acting!
- Ride with confidence (no more... 'did I tighten that bolt?')

## ANTI-SHAKE

Anti-shake is a low viscosity 'wicking' solution which finds its way right into the threads of already assembled parts to prevent nuts, bolts, screws and rings from vibrating loose!

- Handy 10ml size.
- Fast acting!
- Perfect for pre-race preparation!

## WIPE-OUT

Our 'radical' hand cleaner made from citrus oils. After all that cleaning you're gonna get dirty, and the last thing you want is to spend ages scrubbing your hands! Wipeout beats other hand cleaners...hands down! It works with or without water so it's great on the trail or at events!

- Handy 200ml saddlepack/glovebox size!
- Completely natural composition!
- Free of solvent!
- Contains aloe, lanolin and jojoba oils with a balanced pH which won't dry out your hands!
- Unique formula with pumice to help remove even the most stubborn ground in dirt, stains and oil!
- Leaves hands smelling fresh and feeling naturally clean.

Remember...you don't need water or a towel to use it! Don't get caught short with grubby paws!

## X-LUBE

At last a 'funky' bike specific race-lube! Specially developed for MTB's, X-Lube is a Water Dispersing spray which has a significantly higher than average lube content! No, it's not a chain specific lube...use it regularly 'all over' your bike to drive out excess water, prevent corrosion, lubricate components and leave a protective coating on your bike between washes!



Steve can't get enough of X-Lube!

- Penetrates all parts!
- Ultra High contact adhesion!
- Water dispersant!
- Prevents rust!
- Higher lube content than other all purpose products!
- Reduces friction!
- Very low dust attraction!
- No propellants and No CFC's one cool black pack contains a full 500ml of useable lube!
- Tunable Trigger for 'Jet' or 'Mist' application!

Use X-Lube in partnership with Muc-Off for consistently great results!



# SPARES

Part No.

## CHICKEN STIX (023)

- 023-D Reach Adjuster Screw
- 023-F S/S Spring
- 023-C Black Washer
- 023-C White Washer
- P-1033 Pivot Bolt Ti M5
- 023-G M5 Nylock Nut
- P-1129 Pinch Bolt M6X15

## SEAT POST (035) P-907

- 035-D Square Grip Washer
- 035-B Clamp Upper
- 035-B Clamp Lower
- P-995 Clamp Ti Bolt
- P-995 Clamp S/S Bolt

## SEAT CAMLOK (032)

- 056 Lever Key
- 030-K 'O' Ring
- 032-G Adjuster Nut
- 032-E Tapered Washer Holder
- 030- Acetyl Bearing

## SEAT BINDER (020/022)

- P-647 Bolt Steel
- P-647 Bolt Titanium
- 020-I Alloy Sleeve collar
- 020-H Adjuster nut

Part No.

## BAR ENDS

- M6X20 Ti Bolt  
(to fit all models 004/005/006/010)
- 007-D M6X15 Steel Bolt  
(to fit models 007/008/101)

## L168 STEM (060/061)

- 060-H 'O' Ring
- 060-E Clamp Wedge
- 060-F Wedge Bolt
- 060-D Lower Clamp Bolt
- 060-C Upper S/S Screw
- 060-B P.L. Sleeve

## WHEEL QR's (030/031)

- 056 Lever Key
- 030-J Spring
- 030-E Alloy Clamp Washer
- 030-I Acetyl Bearing
- 030-D Wheel Adj Nut
- 030-K 'O' Ring

## HANDLEBARS (012/013/014/015)

- 012-J Bar End Plugs 540
- 014-J Bar End Plugs 560

More Spares available. Contact your dealer or distributor for information.

# X-LITE UK WARRANTY

## Key Points!!

- X-LITE Warranty applies only to the original purchaser
- All claims must be processed through an X-LITE retailer or Distributor's Representative and accompanied by dated proof of purchase/sale where available
- Initial claim should be validated by X-LITE direct or by Distributor's Rep. using the 'Product Specific Guide'
- All returns must be referred to the Warranty Dept. to obtain an Authorisation Number **WITHOUT THIS NUMBER CLAIMS WILL NOT BE ACCEPTED!**
- X-LITE Warranties individual products against any manufacturing defects in materials and/or workmanship for one year from date of purchase
- X-LITE Warranty does not cover for damage to the component sustained through crash/impact, abusive treatment, alterations, modifications, improper maintenance, incorrect/improper fitting or fitting with incorrect, badly worn or poorly maintained tools
- X-LITE cannot be held responsible for any damage to property (including connected and/or adjacent componentry) or self, loss of property or injury to self or a third party unless conclusively proven to have been sustained as a direct result of the failure of a particular X-LITE component due to a manufacturing defect in materials and/or workmanship

**NOTE:** Please ensure fitting instructions supplied with the product are studied before fitting!!

## Warranty Procedures

### An Overview

X-LITE make some of the World's best high-tech, high quality, lightweight, race-proven bike components available!! However, no bike component is indestructible and we do NOT claim to make crash or 'abuse' proof products!!

Our Warranty and Crash Replacement Policy is something we pride ourselves on. We aim to keep customers happy and where a product is not covered under Warranty it may be repaired (where possible) or replaced under our Crash Replacement Scheme at a preferential price! In this way we help reward customers for choosing X-LITE and help maintain brand loyalty!

### Usage

Most components can be damaged if they are misused, incorrectly installed, fitted using incorrect or worn tools or wrongly or abusively ridden! By the nature of some of the materials used, constant flexing may cause some components to fatigue resulting in failure through wear & tear!

NOTE - Damaged components not due to a manufacturing defect will not be replaced free of charge!!

### Checkout!

It's important that all components are regularly checked for signs of wear or fatigue (N.B. If in doubt - replace!) and in the case of sustaining an impact, however caused, should be checked for any signs of damage that might cause weakening and create failure later on. In the event of a crash or impact it is advisable to replace any potentially damaged components. It's the dealers job to ensure that customers are educated to look after their 'kit' in this respect and it's our responsibility to make sure that dealers are informed accordingly. Continuing to ride with badly worn or weakened components is irresponsible and X-LITE cannot take responsibility for a rider's actions or the results thereof.

**Remember - If You Crash...You Can Trash!!!**

This Catalogue was designed and produced in-house by X-LIFE UK!

## Thanks and Acknowledgements!

Still Product Photography: Nick Cave  
Setting, Final Artwork & Films: 212 Design

Action shots courtesy of Huw Williams (MBI), Miguel Tejero, Rafa Gomez (BIKE Spain)...

### Thanks and Stuff go to:

Nick Cave for his detailed photography (and mysterious humming); The crew at 212 Design for their expertise, advice and patience in turning our designs into this catalogue; David Griffiths and all at AMC for 'pushing the envelope'; Simon Wear and all the guys at Future Publishing. Thanks and respect to all the Pro Riders we've supported and will continue to support and who choose to win using X-LIFE components: Barrie Clarke for continuing to be the best; Steve 'Sketch' Peat for Rulin' (good luck for 1997!); Louise Robinson of Team Raleigh; Team Animal for their hard-riding, field testing of products. Thanks to all our distributors, dealers and suppliers for their efforts.

Finally thanks to everyone who has been with us from the start and who choose to ride with X-LIFE components.

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If you want to get on the X-LIFE mailing list, Call, Fax or E-Mail us with your details to receive a sticker and up to date info on X-LIFE products as soon as it's available!! What are you waiting for...DO IT!! NOW!

# SPY SHOTS



or what's coming up from X-Lite . . .



**Product:** New PSS8 Saddle  
**Launch Date:** Spring '97  
**Tech Data:** Radical outaway shape; Super tough 'Leather-X' technical cover with Kevlar Scuff-proof Corners!



**Product:** 'Hot' Coloured Fly Stems and G-Force Bars!  
**Launch Date:** Spring '97  
**Tech Data:** Spec as Standard 'Fly' and G-Force but available in 'Hot' Colours - Bright White, Hot Orange, Racing Yellow!



**Product:** Twin Crown Downhill Race Fork  
**Launch Date:** Mid '97  
**Tech Data:** D/H Specific Full 6" travel Twin Crown Fork; Twin CNC machined Yokes; CNC machined Drop-outs; Twin disc brake set-up; Dedicated Metal Matrix Hub made by Hope Technology; O/S 9mm Skewer; Coil and Oil internals; High performance/Low maintenance; advanced seal system; AHBS (Advanced Head Bearing System); Dialable 'On the Fly' Damping Adjustment; Totally Modular Tuneable System; Carbon Steel preloadable spring; Constant Low Friction Action; Removable Brace!



**Product:** Alto I Pro CNC  
**Launch Date:** Spring '97  
**Tech Data:** Fully CNC Machined from Billet 6000 series; Spun-style Ends; Five colour anodised finishes; Laser Graphics!

**Other Data Obtained From Files:** X-Country Riser Bars - Launch Date: Spring '97; Green anodised products planned; T-Shirts and Race wear planned; Technical Grease planned...

We advise checking Web Site: [www.x-lite.co.uk](http://www.x-lite.co.uk)

**TOP SECRET**

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