

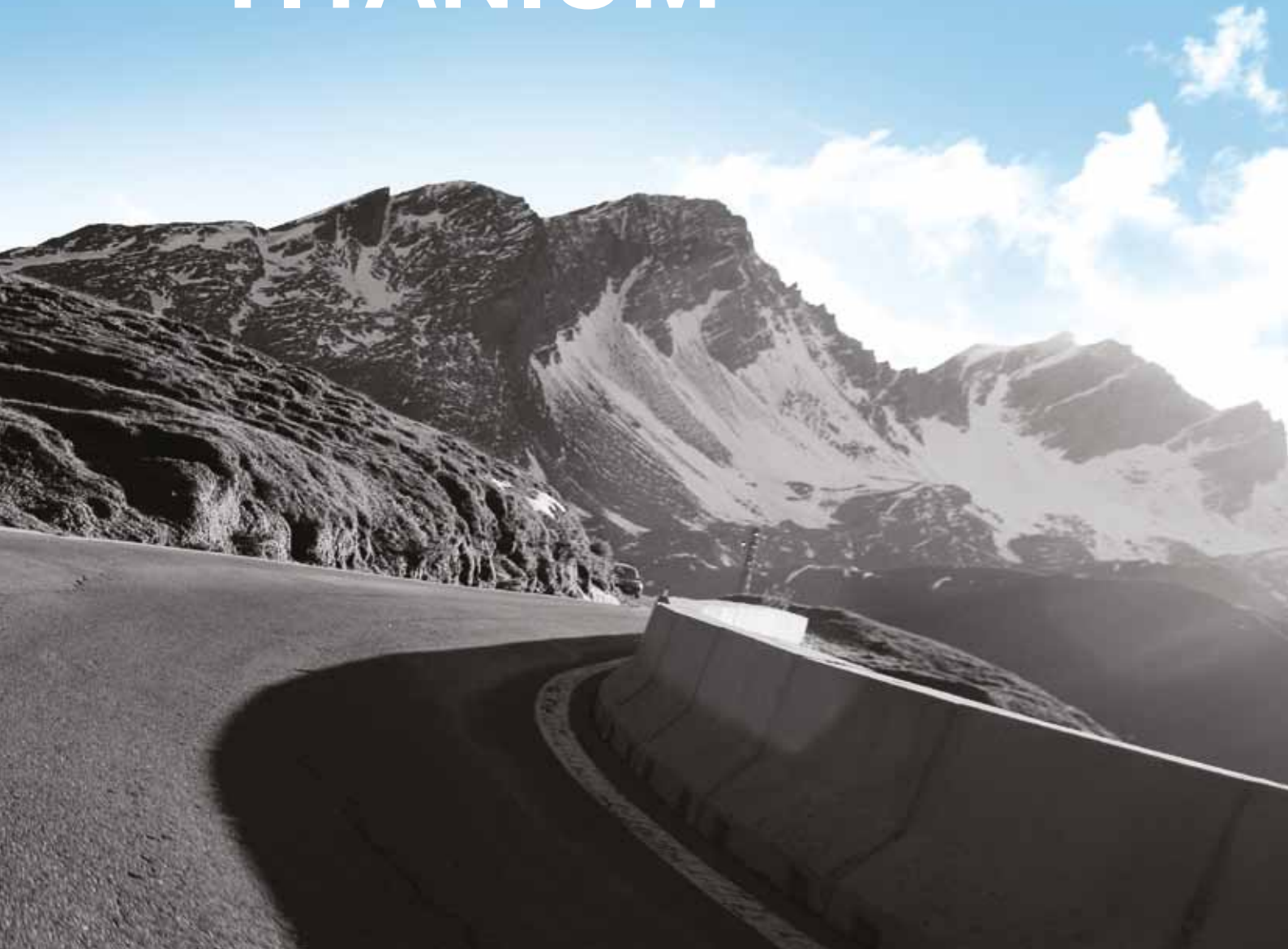
Van Nicholas®

THE TITANIUM BIKE COMPANY





NOTHING
LOOKS, RIDES,
LASTS, LIKE
TITANIUM



“A MAN THAT
WORKS WITH HIS
HANDS IS A
LABOURER, A MAN
THAT WORKS WITH
HIS HANDS AND
HIS BRAIN IS
A CRAFTSMAN; BUT A
MAN THAT WORKS
WITH HIS HANDS
AND HIS BRAIN AND
HIS HEART IS AN
ARTIST.”

LOUIS NIZER

A FEW WORDS FROM JAN ■ ■ ■

At Van Nicholas the research, design and fabrication process is a continuously evolving process with one aim: to create the best frames possible for their intended application. We believe that the best material for bicycle frame construction is Titanium. So aerospace grade Titanium is the only material we use. The following pages explain why, in more detail. And the pages after that introduce you to our Road, Multi-sport, Touring/Cross and MTB bikes.

Family company

We started out as a family company, and remain one at heart: for example, my wife is the Marketing Director and my father, a lifelong cyclist, is in charge of the engineering team. With passion and perfectionism he oversees the hand building of every bike to each customer's specifications. And every single member of our team, family or not, shares that same passion: a commitment to designing and building the best bikes we possibly can, and providing a service that is second-to-none. That is why we can guarantee every Van Nicholas frame for life.

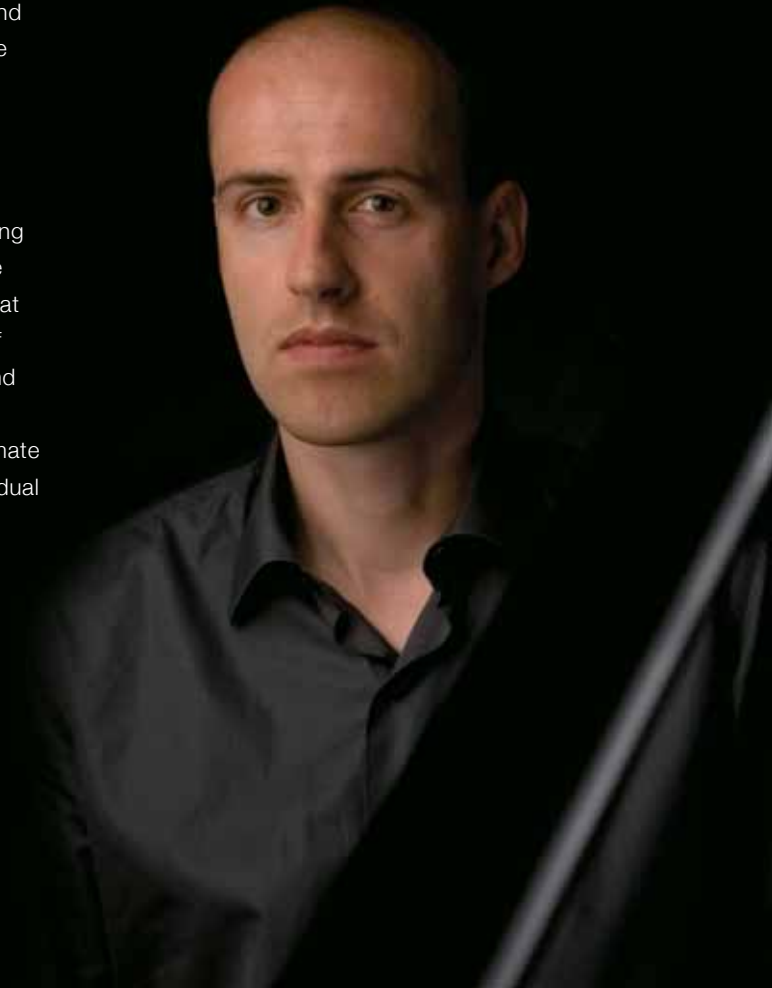
Technology & Craftsmanship

We believe in craftsmanship: every single Van Nicholas bike ordered is hand built at our factory in Holland. We have ten years' experience working with Titanium and we constantly seek to evolve. New is the Astraeus: the first Seamless Hydroformed Titanium frame drawing on work carried out at the Delft University of Technology. Van Nicholas also produces a range of refined parts and clothing. These complement the most current, top brand groupsets and components we hold in stock, so you can tailor your Van Nicholas to your exact specifications. And of course, if you want the ultimate bespoke option, we'll even custom-build one of our frames to your individual dimensions.

As founder and Head of Design of the company, I'm proud of the Van Nicholas range, and delighted you're taking a closer look. Thank you and see you on **www.vannicholas.com**.



Jan-Willem Sintnicolaas
Founder and Head of Design



WHY TI ?

At Van Nicholas we take the process of design, material selection and fabrication very seriously, creating the best product possible for the intended application: making bikes go fast. Here are just a few of the reasons why Van Nicholas frames are leading the industry in innovation and craftsmanship.

Nothing Looks Like Titanium

Titanium's unique properties make it an excellent material for bicycle frame construction. Its high strength, low density, low modulus, excellent fatigue and corrosion resistance deliver a skeleton that is not only extremely strong and durable, but also incredibly lightweight.

Titanium does not break down, rust or corrode under any atmospheric conditions. Titanium is so resistant to corrosion it does not even need to be treated or painted. Some manufacturers do so. (Admittedly adding only a few grams. But, like dieters, top cyclists really do count every one.) Why do this, we ask? We simply brighten its natural colour by lightly brushing it. We love the finish this creates. Take a long look at it. Now you know how magnificent a material Titanium is to make bicycle frames with, doesn't it seem to shine just that little bit more?

Nothing Rides Like Titanium

Similar to steel, Titanium has an in-built flexibility, only it is more pronounced. Therefore it is ever so slightly 'springy', which means it can absorb road vibration before it reaches the rider. (A Titanium seat post more or less eliminates it.)

Consequently, you feel like you are gliding across tarmac, even when riding hard. A recent review compared the sensation of riding the Van Nicholas Astraeus to the floating feeling you get from driving a Rolls Royce.

We hasten to add that the same writer heaped as much praise on the bike's handling, after throwing it into corners with the sort of gusto that would have his licence revoked were he to attempt the same manoeuvres in a car.

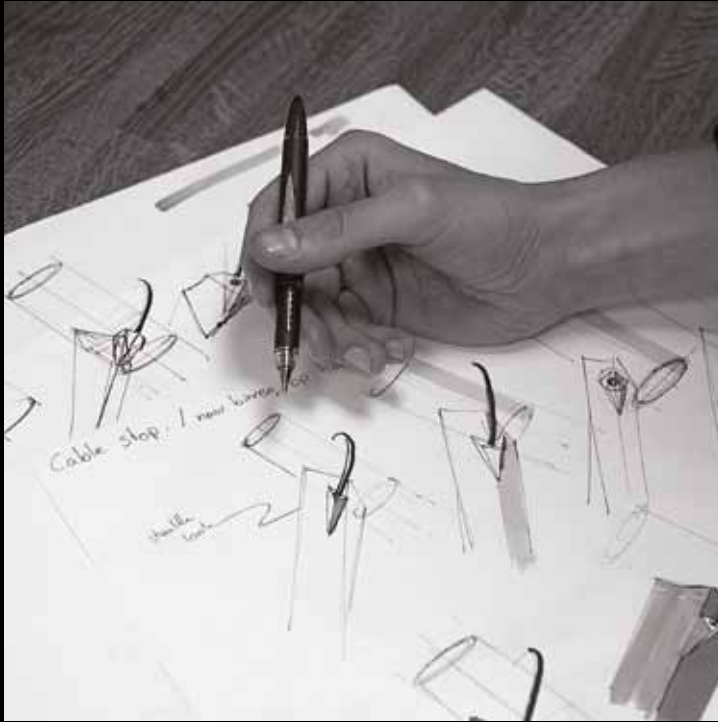
Nothing Lasts Like Titanium

Unlike aluminium or carbon framesets, Titanium won't 'snap' in an accident. This is because, like steel, it 'gives' a little. (In fact, Titanium is even more forgiving than steel, which is why its ride quality is so renowned.) Also, like steel, it is incredibly strong. But it is lighter. And it does not rust. Ever. This is one of the reasons why every Van Nicholas frame is guaranteed for the lifetime of its owner.

TITANIUM ADVANTAGES

- 
- > Titanium is one of the most environmentally friendly metals. The Titanium scrap we generate through manufacturing processes and in equipment fabrication is fully recyclable.
 - > The combination of high strength and material formability gives Titanium a ride quality that is second to none. It's stiff enough to prevent energy-loss through the tubing, but springy too, so road vibration is minimized enhancing comfort on long rides.
 - > Titanium lasts longer because fatigue life and corrosion resistance is better than any other material used for frame building in the world. How many non-Titanium frames do you know of that are guaranteed for life?
 - > Titanium has excellent strength-to-weight and stiffness-to-weight ratios. Using thin walled 0.8/0.9mm Titanium tubing guarantees good fatigue life without sacrificing ride quality.
 - > Titanium is not a fashion statement. Titanium will remain a premium - and therefore coveted - material because of the expense of the production processes required for manufacture and welding.
 - > Every frame we make is custom drawn. Each tube set is designed to maximize strength and performance by using differing diameters of tubing, in addition to utilizing ovalization, and biaxial ovalized tubing.
 - > Metals have better crash damage tolerance and can often be repaired. A few knocks in transit or racing do not normally create hidden damage issues that could shorten, or even end, the life of frames manufactured from other materials.

TECHNOLOGY & CRAFTSMANSHIP



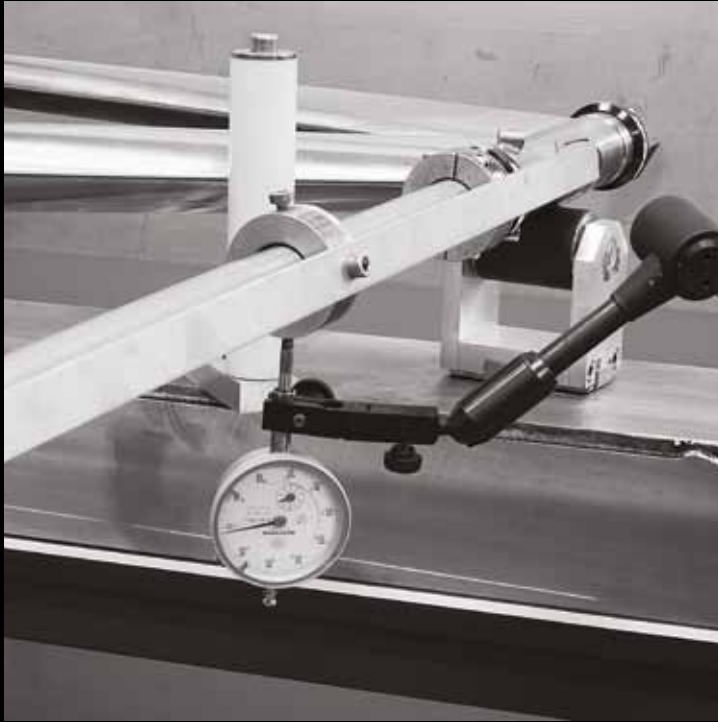
Blank Canvas

Every frame starts as a blank canvas. Van Nicholas is always striving to achieve total fit-for-purpose design and functionality. Not content with continually designing, improving and perfecting Titanium frames, we also design Titanium components such as wheel skewers, stems and seat posts. All something that evokes another Mies van der Rohe design dictum: "less is more".



EN Production Norms and ISO Standards

Putting together perfect Titanium frames requires the skill, dedication and experience possessed only by 'old' pairs of hands. After all that hands-on effort, using a robot to weld our frame to your custom specifications would be churlish.



Exhaustive Frame Testing

The only way to ensure that a product becomes a staple in our target market is to meet and exceed our customers' expectations. In today's competitive and fast-paced cycling industry, we need to do all we can to minimize any delays that may be caused by design or manufacturing deficiencies. That's why all Van Nicholas products are rigorously tested and tested again.



Fit for You

Although we're predominately a frame builder, we also offer completely hand built bicycles assembled at our office in Numansdorp, The Netherlands. We not only hand build our bicycles, but also hand assemble the majority of their wheels.



WHAT LIQUID **CAN** DO TO TITANIUM AND WHAT IT **CAN'T**

This is the new Van Nicholas Astraeus.

It is made from hydroformed 3AL/2.5V Titanium tubing. Hydroforming is a process in which liquid is forced under high pressure into tubing to change its shape. This will make it more rigid and allows for slightly smaller gauges of metal to be used, reducing the overall weight of the frame. With the right components and rider, this can result in a much faster ride. And, we believe, a not unattractive bike. But like every other Van Nicholas Titanium frame, no liquid will ever cause the Astraeus to rust. This, along with complete faith in our designs, is why every Van Nicholas frame comes with a lifetime guarantee.

COMPELLING REASONS TO BUY A VAN NICHOLAS



Lifetime Frame Warranty

Van Nicholas will replace any Titanium frame that fails because of manufacturer defects in materials or workmanship for the lifetime of the original owner.



No – Fault Expense Reimbursement

Van Nicholas is so confident in our products and commitment to the highest level of customer service that we will cover all applicable expenses up to \$75 if the warranty is processed through an Authorized Van Nicholas Dealer.



Crash Replacement Warranty

If a Van Nicholas Titanium frame is damaged and is not covered by our manufacturer warranty, Van Nicholas will provide a replacement frame for 50% of the current retail value.



Fit Guarantee

If after purchase your riding position is uncomfortable, we will modify the bike to better suit your preferences. This guarantee applies only during the first 60 days of ownership and is directed at modifying stem length or rise, and is not applicable to all components.



10-Day, 100% Money Back Guarantee

Customers have 10 days from the receipt of a Van Nicholas bicycle to determine their complete satisfaction. If you are not satisfied for any reason, we will rectify the problem or you may return the product in its original packaging for a full refund.



Warranty Re-Certification Program

Consumers who are looking to sell or purchase a used Van Nicholas Titanium bicycle or frame can send it directly to our office for Re-Certification. Van Nicholas will inspect the frame for any potential damage or problems and ship the product back to the consumer with a new manufacturer's warranty. Re-Certification costs \$125.



Customer Service

Upon becoming a Van Nicholas rider, customers can call our dedicated customer support hotline to have their questions about assembly, maintenance or upgrades answered by one of our technicians: 0031 (0)186-657718



Shipping Guarantee

Van Nicholas guarantees and insures every shipment. All packages remain our responsibility until the customer receives them in good condition.



4 ELEMENTS OF LIFE



All the Van Nicholas frames are named after the four elements of life. The elements provide their names, but not their toughest challenge. That's where you come in.

Steel rusts. Aluminium has a fatigue life. And whilst the latest modular carbon fibre will last for years and never corrode, one small knock can cause hidden de-lamination that will weaken it irrevocably. Titanium does not rust. Period. The Titanium we use is mainly seamless 3AL/2.5V tubing - each tube is

made with 94.5% pure Titanium (plus a little aluminium and vanadium to improve its ride qualities) with, unbelievably, a wall

thickness of just 0.8mm. It does not need to be treated or protected from the elements. In fact, a good Titanium frame will almost certainly outlive you. It will keep going, whatever you and the elements throw at it.

WIND / RACE
WATER / TOURING
EARTH / MOUNTAIN
FIRE / MULTI-SPORT

RACE

Go to places you've never been

Our racing bikes take you to places you've never been before. Take the Astraeus, our stiffest Titanium frame yet, and the pinnacle of Van Nicholas racing bike design. It retains all the strength, rigidity, crisp handling and sharp acceleration you would expect from a thoroughbred racer, but still delivers an exceptionally smooth ride. So smooth it inspired one recent reviewer to compare the experience to the floating feeling you get from driving a Rolls Royce. We've dedicated ourselves to finding this balance across all our racing range by using the latest Titanium fabrication processes to increase strength and save weight, and obsessively calculating the optimum geometries for the intended application. A Van Nicholas racing frame offers the performance the most demanding cyclists seek. Own the road, choose Titanium.



ASTRAEUS



Design: The Van Nicholas Astraeus is the result of an extensive planning, design and testing programme. Utilizing a semi-compact design, the Astraeus sets the benchmark for Titanium frames. The Astraeus maintains the magical ride qualities for which Titanium is famous for, but also delivers a stiffness not seen before in a Ti frame. A climber's dream, its acceleration and performance in the sprint make it a perfect choice for the race obsessed.

Usage: For the rider who wants the best. Period. The Van Nicholas Astraeus combines the ultimate in Ti material and detailed design to create a top class performer. Equally at home leading the race or eating up the tarmac on a day-long ride, absolute performance is the hallmark of this bike. The Astraeus demands the fastest of riders, are you up to it?

Design Mission: Hardcore Racing Machine

Usage: Competitive Racing

Frame Material: Aerospace Grade Hydroformed 3AL/2.5V Titanium

Frame Finish: High Lust Hand Polished

Frame Sizes: 50, 52, 54, 56, 58, 60 cm & Tailormade

Frame Warranty: Lifetime



USAGE

Race-Criterium, Classics
Club rides
Recreation
Touring

1 2 3 4 5

*"The Astraeus really **flies** out on the road, where it inspires **confidence**."* Cycling Plus Magazine



ZEPHYR



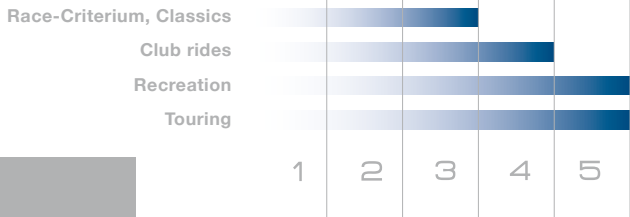
Design: The Zephyr's award winning design is based on providing day-long comfort. The semi-compact dimensions are created to produce a laterally stiff, yet vertically compliant ride, with seat and chain stays that increase the comfort level in the frame. The Van Nicholas Zephyr: comfortable for long rides, stiff enough for climbing and sprinting, strong enough to last a lifetime.

Usage: The Zephyr has been designed with all-day saddle occupancy in mind. The Zephyr is a high-spec road bike for the rider seeking a forgiving performance solution for longer, fast-paced events and day-long riding solo or within a bunch.

- Design mission:** Comfort racer
- Geometry:** Long Day Ride & Comfort
- Material:** Aerospace Grade 3AL/2.5V Titanium
- Finish:** Bright Hand Brushed
- Sizes:** 50, 52, 54, 56, 58, 60 cm & Tailormade
- Frame Warranty:** Lifetime



USAGE





*“The Van Nicholas Zephyr, what **class**! It's an extraordinarily good looking bicycle with some very nice detail worked into the 3AL/2.5V Titanium frame from the Dutch manufacturer.”*

L'Acheteur Cycliste

CHINOOK



Design: The Chinook is a high-spec road frame built on classic lines, intended for riders seeking the optimum performance solution for fast-paced racing. Ideal if you're looking to be competitive in Criterium-style events, it delivers plenty of acceleration and stunning value.

Usage: The Chinook's geometry has been designed to deliver sprint performance and precision handling with a degree of comfort. The Chinook features traditional round tube construction and classic dimensions. It's perfect for riders looking for the magical ride and look of Titanium in a lightweight, high performance and comfortable frame.

Design mission: Circuit racer

Geometry: Classic

Material: Aerospace Grade 3AL/2.5V Titanium

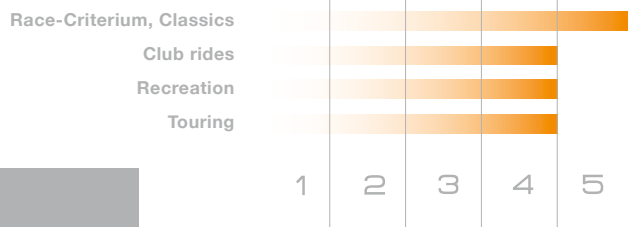
Finish: Bright Hand Brushed

Sizes: 50, 52, 54, 56, 58, 60, 62 cm & Tailormade

Frame Warranty: Lifetime



USAGE





“There is **very little** in the way of competition at this price point in titanium” Cycling Plus Magazine

TRACK

CHINOOK



Design: The Chinook Track is a high-spec track frame that features traditional round tube construction and classic dimensions. The Chinook's geometry has been designed to deliver maximum sprint performance and precision handling. The frame has the same features as its road cousin but with an oversized down tube and H-Bridge chain stay system for added stiffness.

Usage: The Van Nicholas Chinook is designed for riders seeking the ultimate performance solution. Ideal if you're looking to be competitive in Track events, it delivers incredible acceleration and stunning value.

Design mission: Track racer

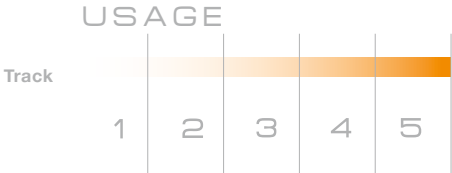
Geometry: Classic

Material: Aerospace Grade 3AL/2.5V Titanium

Finish: Bright Hand brushed

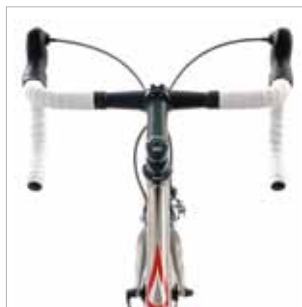
Sizes: 53, 56, 59 cm & Tailormade

Frame Warranty: Lifetime





SORRENTO



Design: The Euros geometry has been engineered to deliver day-long ride comfort that still provides thrills. The semi-compact dimensions – with clearances that allow for medium volume tyres – ensure the Euros is a responsive and stable frame with a great deal of comfort.

Usage: Whether you're a serious distance eventer or someone who just likes clocking up the miles for fun, this high-spec frame will provide the base performance you need. The Euros is ideal for riders who want to feel fresh after a day-long ride in the great outdoors.

Design Mission: Sport-Enthusiast Racer

Usage: Fast Day Ride & Comfort

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 48, 50, 52, 54, 56, 58, 60 cm & Tailormade

Frame Warranty: Lifetime



USAGE

Race-Criterium, Classics
Club rides
Recreation
Touring

1 2 3 4 5



“If I was looking to buy a bike I could enjoy for many years, and be proud of, the Euros would be the **perfect** solution.”

Fiets Magazine

MISTRAL



Design: The Mistral geometry has been engineered like the Euros to deliver day-long ride comfort that still guarantees excitement. The Mistral possesses semi-compact dimensions with clearances for medium volume tyres that allow for a very comfortable bike with handling that is sharp and assured.

Usage: The Mistral has been designed with all-day saddle occupancy in mind. Whether it's for fun or serious competition, the Mistral will help you to eat up the miles in comfort. It's ideal for riders who want great performance without a 'professional' price tag.

Design Mission: Sport-Enthusiast Racer

Usage: Fast Day Ride & Comfort

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 50, 52, 54, 56, 58, 60 cm & Tailormade

Frame Warranty: Lifetime



USAGE

Race-Criterium, Classics
Club rides
Recreation
Touring

1

2

3

4

5



MULTI-SPORT





Of course it flies...

Every frame we design must be as fit for purpose as it can be. For example, our multi-sport bike, the Blaze, needs to cut through air. So each tube section was cold-worked to have the most aerodynamic profile possible. The geometry was designed to help triathletes make the transition from cycling to running more easily. Its seat tube has been 'radiused', to tuck in the rear wheel. The aerodynamic, integrated seat post system can be rotated - this allows the rider to adopt a more efficient position on the aero bars. With a steeper seat angle the gap between thigh and torso is opened, easing muscle tension in the leg and lower back, at the same time making breathing easier. And to reduce drag further, we fully conceal the cables inside the tubing.

BLAZE



Design: Utilising cold-worked, aerodynamically enhanced 3AL/2.5V Titanium tubing throughout, the Blaze's ability to cut through the air is aided by a 'radiused' seat tube that 'tucks in' the rear wheel, fully concealed cables and an integrated aero seat post system. The Blaze is a rare machine: rocket-fast, multi-sport suitable, but still delivering Titanium's trademark comfort.

Usage: The Van Nicholas Blaze is the product of long hours and late nights of extensive planning, design, and testing based on aerodynamics and optimal performance delivery. It's for the multi-sport rider who wants the very best.

Design Mission: Multisport Machine

Usage: Triathlon/Time Trial

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 52, 54, 56, 58 cm & Tailormade

Frame Warranty: Lifetime



USAGE

Iron Man
Time Trial
Road

1 2 3 4 5



*"This Ti tri bike is agile, light and comfortable. From the first ride you know you're riding an aerodynamic Van Nicholas **machine.**"*

• Triathlon Plus Magazine

TOUR

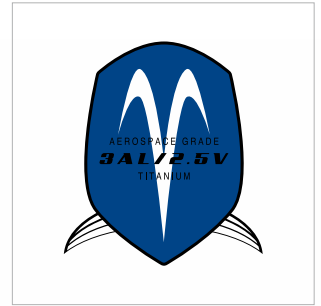




If distance riding is what you're into, these are the bikes to be on.

In Holland, we know a thing or two about long hours in the saddle. With no real hills to speak of, 100 mile-plus journeys are a little easier, but that doesn't mean we go easier on our bikes. Every one of our frames is designed to be totally fit for purpose. Take our light tourer, the Amazon, for example. It has slightly sloped geometry to ensure a comfortable ride, enhanced by longer chain stays than its road cousins. The down tube and seat tube diameters are widened to increase rigidity, and provide the extra strength necessary for carrying loads. It has braze-ons and bosses for fixing rack and pannier systems, mudguards and three water bottles. We've designed Touring and Audax forks to complement it and you can specify three different types of brakes, depending on your needs. In fact, you can have the exact Amazon you want, because it is available with dropouts for a standard chain and derailleur gears, in a slightly altered form for Cyclocross, or to take the increasingly popular Rohloff hub gears system. We even offer a belt drive option and a version for women.

AMAZON



Design: The geometry of the Amazon has been designed to provide day-long comfort and stability under load, whilst still offering rewarding handling for a faster ride. The Amazon is our Cyclocross/touring/upright road and Audax frame that can be configured in a multitude of variations to meet your performance and riding criteria. Complete rack and fender braze-ons, with ample tyre clearance, allows you to use and attach anything that your riding requires. The frame is cantilever, V-brake, and disc brake compatible as well as having three sets of water bottle bosses.

Usage: The Amazon is a high-spec, do-anything bike for the rider with a taste for adventure. If you could only have one bike, then this is it. Touring, Cyclocross, Audax or stripped down for a fast road ride with narrow section tyres, the Amazon with its array of braze-ons provides a multitude of solutions.

Design Mission: Multi-Purpose Touring/Cross Bike

Usage: Loaded Touring/Cyclocross

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 50, 52, 54, 56, 58, 60 cm & Tailormade

Frame Warranty: Lifetime



USAGE





*“The Amazon has to be the most **versatile** bike we have come across.”* Pro Cycling Magazine

ROHLOFF

AMAZON



Design: The geometry of the Amazon has been designed to provide day-long comfort and stability under load, whilst still offering rewarding handling for a faster ride. The Amazon is our touring/upright road and Audax frame that can be configured in a multitude of variations to meet your performance and riding criteria. Complete rack and fender braze-ons, with ample tyre clearance, allows you to use and attach anything that your riding requires. The frame is cantilever, V-brake and Magura HS33 compatible as well as having three sets of water bottle bosses.

Usage: You can now spec the Amazon with the award-winning enclosed 14-gear Rohloff hub for smooth, almost unnoticeable shifting. Practically bullet proof, it means you can do away with the rear mech and cassette thus reducing maintenance – handy if your adventures take you hundreds of miles from the nearest repair shop! The Amazon Rohloff's drop-out and cable guides differ from the standard bike and the decals are silver instead of blue.

Design Mission: Multi-Purpose Touring/Cross Bike

Usage: Light and Loaded Touring

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

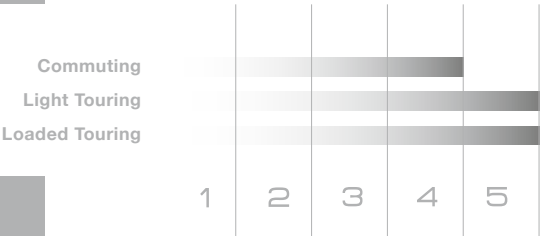
Frame Sizes: 50, 52, 54, 56, 58, 60 cm & Tailormade

Frame Warranty: Lifetime

Optional: Also available in Belt-Drive



USAGE





*“A practical touring bike that blends strength and an **excellent** ride quality, with the **bonus** of no paint to scratch.”*

Cycling Plus Magazine

AMAZON

LADIES



Design: The geometry of the Amazon Ladies has been adapted from the men's version to allow for easier mounting and dismounting. But just like the men's, it's been designed to provide day-long comfort and stability under load, whilst still offering rewarding handling for a faster ride. The Van Nicholas Amazon Ladies is our touring/upright road and Audax frame. You can seize the day and configure this frame in a multitude of variations to meet your performance and riding criteria. Complete rack and fender braze-ons, with ample tyre clearance, allows you to use and attach anything that your riding requires. The frame is cantilever, V-brake and Magura HS33 compatible as well as having three sets of water bottle bosses.

Usage: The Amazon Ladies is a high-spec, do-anything bike for the female rider with a taste for adventure. If you could only have one bike, then this is it. Touring, Audax or stripped down for a fast road ride with narrow section tyres, the Amazon with its array of braze-ons provides a multitude of solutions – and as a finishing touch it even has purple decals instead of the usual blue.

Design Mission: Multi-Purpose Touring

Usage: Light and Loaded Touring

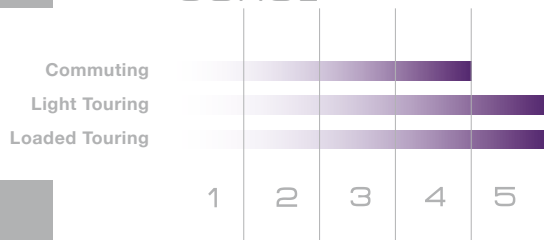
Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 48, 52, 56 cm & Tailormade

Frame Warranty: Lifetime

USAGE





*“The idea was to find a truly **do-it-all machine**, a bike for life, and if anything ever fitted the bill, the Amazon does.”*

Cycling Weekly

ROHLOFF

AMAZON



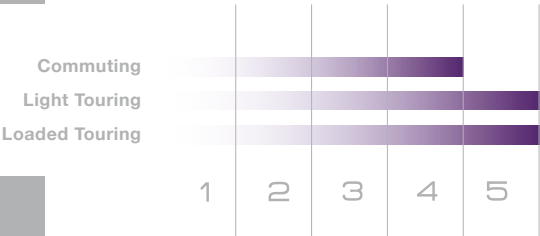
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Usage: You can now spec the Amazon Ladies with the award-winning enclosed 14-gear Rohloff hub for smooth, almost unnoticeable shifting. Practically bullet proof, it means you can do away with the rear mech and cassette thus reducing maintenance - handy if your adventures take you hundreds of miles from the nearest repair shop! The Amazon Rohloff's drop-out and cable guides differ from the standard bike and the decals are purple instead of blue.

- Design Mission:** Multi-Purpose Touring/Cross Bike
- Usage:** Light and Loaded Touring
- Frame Material:** Aerospace Grade 3AL/2.5V Titanium
- Frame Finish:** Bright Hand Brushed
- Frame Sizes:** 48, 52, 56 cm & Tailormade
- Frame Warranty:** Lifetime
- Optional:** Also available in Belt-Drive



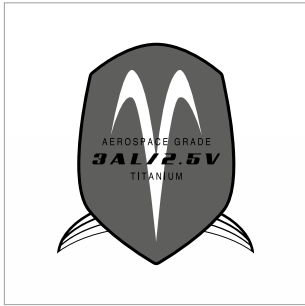
USAGE





CROSS

AMAZON



Design: Maybe we should have called this bike the Amazing! Because shod with knobbies, the Amazon will perform superbly on the dirt of Cyclocross courses. Its robust frame can handle anything you throw at it and any corner you throw it into, yet it's light enough to ensure that when you put the power down it isn't wasted.

Usage: The unique challenges of Cyclocross demand a bike that's tough, responsive – and can handle getting dirty. The Amazon Cross is for riders who want to push themselves, and their bikes, to the limit.

Design Mission: Multi-Purpose Touring/Cross Bike

Usage: Cyclocross

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 50, 52, 54, 56, 58 cm & Tailormade

Frame Warranty: Lifetime



USAGE

Cyclocross

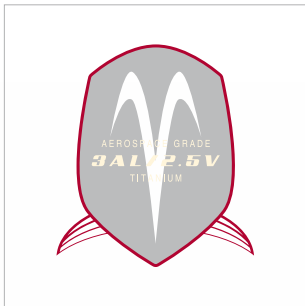
1 2 3 4 5

*“It rides great in my winter training sessions and races. Titanium is the **perfect** material for both rough weather and rough terrain. It can get dirty without corroding. Last but not least it looks great!”*

P. Reichel - VN Fan



YUKON



Design: The Yukon geometry has been configured to enhance day-long comfort, day after day, yet offer the stability necessary for the rewarding handling demanded by fast-paced club riders. The classic dimensions are created to produce a laterally stiff, yet vertically compliant ride.

Usage: The Yukon is a high spec performance frame for the fast-paced Audax rider. Equally at home on a light tour as it is on a club run, it's an all year round solution that's ideal for Northern European conditions.

Design Mission: All Year Round Solution

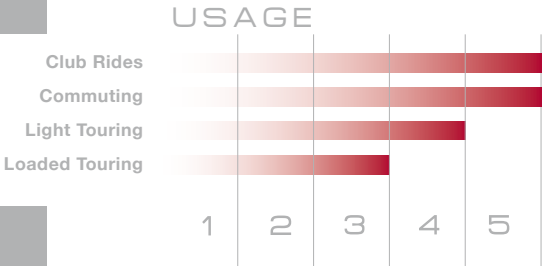
Usage: Fast Paced Commuting/Audax

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 50, 52, 54, 56, 58, 60 cm & Tailormade

Frame Warranty: Lifetime





*“This was a rare dry day in the wettest summer in recent British history. But the good thing about this bike is that it's **perfect** for all weathers and so easy to clean even after a day of rainy biking. The Yukon handles magnificently on the mountains and the flat, and is so comfortable.”*

G. Bell – VN Fan

YUKON

FIXED



Design: The Yukon Fixed geometry has been designed with the discerning urban cyclist in mind. It's stiff and responsive for instant acceleration and snappy handling, but still retains Titanium's day-long ride comfort for when the city won't let you out of the saddle.

Usage: Ideal for the street-carved courier, the flat-out commuter, or as a day-to-day trainer for the rider ready to take a step up to the next level of pedalling power and efficiency. If you're looking for the ultimate street machine, you've found it in the Yukon Fixed.

Design Mission: All Year Round Solution

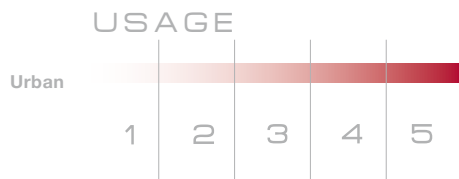
Usage: Urban/Lifestyle

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 50, 52, 54, 56, 58, 60 cm & Tailormade

Frame Warranty: Lifetime





“For a fixed gear ride that leaves the others behind, the Yukon Fixed is the bike for you. A titanium frame, **first-class** fittings – and a famous attention to detail – put it in a class of its own.”

London Cyclist

PIONEER



Design: In designing the Pioneer, our first aim was to create a bike that had as little as possible that could go wrong: so no hydraulic cables, no derailleurs and no front suspension. Simple, yes, but we haven't skimped on the materials. We've combined a heavy-duty, paint-free Titanium frame with a Titanium seat post and bullet-proof Schwalbe Balloon Tires for comfort. And it comes with the integrated 14-gear Rohloff system (like having 27-MTB gears) for one-handed shifting through the entire range whilst stationary or pedalling.

Usage: The ultimate expedition-touring bike must be strong, adaptable, safe and above all reliable in even the most demanding terrain and conditions. The Pioneer is for the rider who isn't afraid to get off the beaten track.

Design Mission: Expedition Trekking Bike

Usage: Long Distance Loaded Touring

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

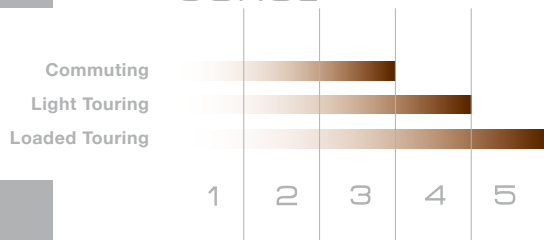
Frame Sizes: 48, 52, 55, 58 cm & Tailormade

Frame Warranty: Lifetime

Optional: Also available in Belt-Drive



USAGE





*“A Luxury titanium expedition bike assembled with titanium components and processed with **high quality** welds.”* Bike Radtouren Magazine



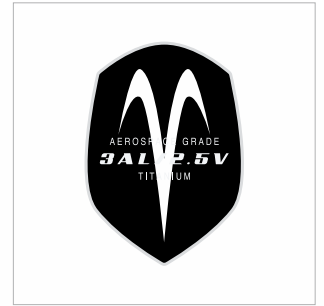


MTB

The ride of your life, literally.

When we say our frames will give you the ride of your life, we mean it. We believe you can only achieve the perfect blend of responsiveness, strength, performance and comfort through using Titanium. Our MTB bikes are designed to soak up the punishment dished out by the most challenging trails. Like the Tuareg, with geometry designed to maximise traction and make climbing a breeze, and tubing that absorbs whatever you throw at it, while still providing the rigidity to inspire confident control whatever mountain you decide to throw it down. Or the Mamtor, specifically designed for a longer-travel fork and wider tyres to overcome the toughest of single-track conditions. Whichever Van Nicholas MTB you choose, rest assured you'll have the best bike for the job – they were built to hammer trails.

TUAREG



Design: The Tuareg geometry has been created to enhance single-track handling, as well as provide a degree of comfort not usually found in MTB frames. Comparatively short chain stays give great climbing and traction, whilst the tubing profiles are designed to soak up the trail buzz that makes rival hardtails tiring.

Usage: The Tuareg is a high-spec performance bike for the fast-paced, cross-country rider. Single-track riding is its domain - this bike is built to hammer trails.

Design Mission: Fast Paced XC Racer

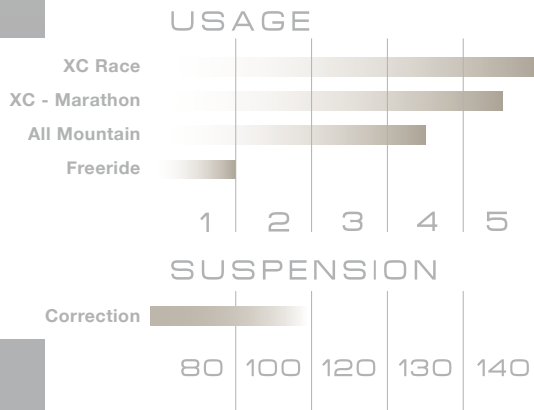
Usage: Epic Cross Country/Single-track

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 14, 16.5, 18, 19.5, 21 Inch & Tailormade

Frame Warranty: Lifetime





*"The Tuareg gives **you everything you need**. Relatively light frame, efficiency, comfort and durability!"* Bike & Trekking Magazine

MAMTOR



Design: It features all-new, all-mountain optimised geometry, to get the best from a longer-travel fork, and enhance efficiency on climbs. The oversized, radiused top tube improves compliance and control through mountain descents, while a bi-axial, ovalised and oversized down tube delivers an accurate and responsive feel. The extensively worked, disc specific seat and chain stays provide a comfortable ride and allow clearance for bigger knobbles.

Usage: The Mamtor has been designed with one purpose in mind: total trail domination. When other hardtails reach their limit, it still has plenty more to offer. You'll be able to ride the Mamtor on the toughest terrain, harder and faster than you've ever gone before.

Design Mission: Long Travel XC Hardtail

Usage: All Mountain Rides

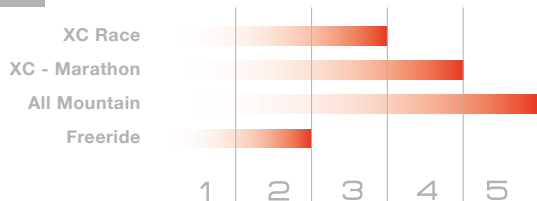
Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 14, 16.5, 18, 19.5 Inch & Tailormade

Frame Warranty: Lifetime

USAGE



SUSPENSION





*"Quite possibly one of the nicest hardtail frames out there. The Mamtor is one of many long travel hardtails, but **stands out** because it's beautifully made from Titanium."* Mountain Biking UK Magazine



Design: The Zion geometry has been designed to deal with a variety of off-road riding and is incredibly comfortable. The frame incorporates classic Van Nicholas geometry, with slightly longer chain stays than the Tuareg for added comfort, size specific 3AL/2.5V Titanium seamless tubing, our acclaimed hand-brushed finish, and the capacity to take forks with 100mm 'give'. A suite of braze-ons allow for any kind of braking system you prefer, including disc brakes, and means the Zion can easily be adapted for touring.

Usage: The workhorse of the Van Nicholas Titanium hardtail stable; the Zion maintains our high standards of impeccable craftsmanship and great value. It's an all-action, do-anything-to-it frame on and off-road.

Design Mission: Marathon Racer

Usage: Long Distance Comfort

Frame Material: Aerospace Grade 3AL/2.5V Titanium

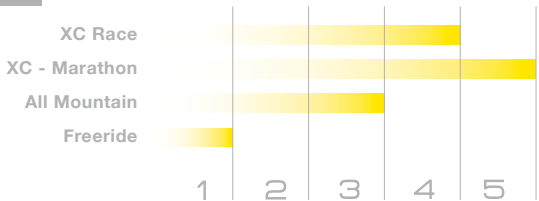
Frame Finish: Bright Hand Brushed

Frame Sizes: 14, 16.5, 18, 19.5 Inch & Tailormade

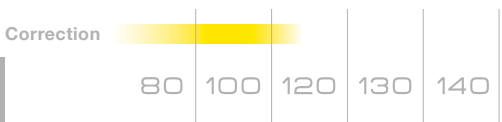
Frame Warranty: Lifetime



USAGE



SUSPENSION

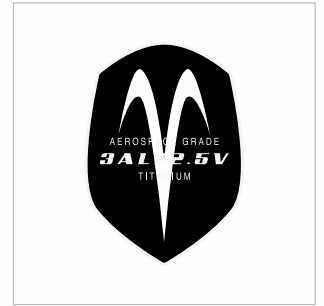


"I recently purchased a Zion frame and built it to become my dream bike. A very comfortable frame and the best hardtail I have ever owned. My full suspension bike doesn't visit the trails as much as it used to because I'm always riding my Van Nicholas" N. Carels – VN Fan



ROHLOFF

ZION



Design: The Zion geometry has been designed to deal with a variety of off-road riding and is incredibly comfortable. The frame incorporates classic Van Nicholas geometry, with slightly longer chain stays than the Tuareg for added comfort, size specific 3AL/2.5V Titanium seamless tubing, our acclaimed hand-brushed finish, and the capacity to take forks with 100mm 'give'. A suite of braze-ons allow for any kind of braking system you prefer, including disc brakes, and means the Zion can easily be adapted for touring.

Usage: You can't get rid of the dirt in dirt tracks but with this ultra-smooth, ultra-slick enclosed 14-gear option, you can cut down on the post-ride clean up. Makes light touring a real pleasure too.

Design Mission: Marathon Racer

Usage: Long Distance Comfort

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

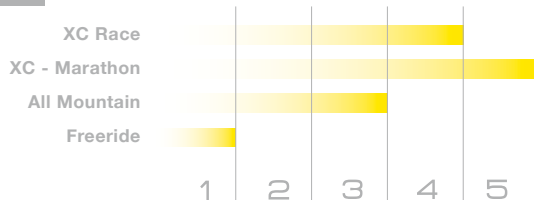
Frame Sizes: 14, 16.5, 18, 19.5 Inch & Tailormade

Frame Warranty: Lifetime

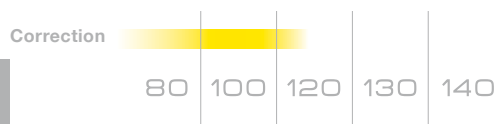
Optional: Also available in Belt-Drive



USAGE



SUSPENSION





*“The Zion Rohloff doesn't need to be persuaded to go out for a ride
– it wants to!”* Mountain Biking UK Magazine

SINGLE
SPEED

ZION



Design: The Zion geometry has been designed to deal with a variety of off-road riding and is incredibly comfortable. The frame incorporates classic Van Nicholas geometry, with slightly longer chain stays than the Tuareg for added comfort, size specific 3AL/2.5V Titanium seamless tubing, our acclaimed hand-brushed finish, and the capacity to take forks with 100mm 'give'. A suite of braze-ons allow for any kind of braking system you prefer, including disc brakes, and means the Zion can easily be adapted for touring.

Usage: Sometimes, one is enough. The Zion Single Speed is for the rider who craves simplicity, style and the high quality design typical of a Van Nicholas bike.

Design Mission: Marathon Racer

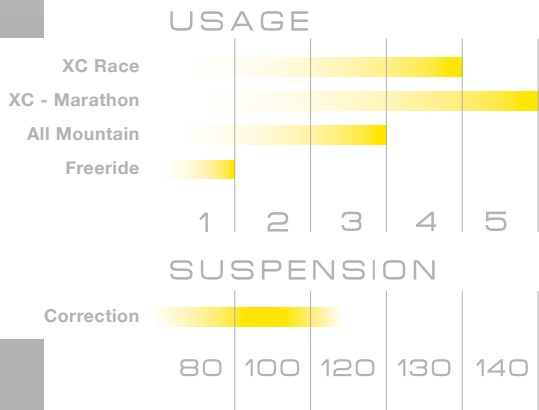
Usage: Lifestyle

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 14, 16.5, 18, 19.5 Inch & Tailormade

Frame Warranty: Lifetime





29"

ZION



Design: Like its slightly smaller stable mate, the 29" Zion's geometry has been created for the single track and trail riding up and downhill. The extra clearance, allowing for bigger wheels, gives it a smoother ride.

Usage: The 29" wheeled version of the Zion brings all the design and performance of the regular 26" wheeled model but with added 'rollability'. A very specialist machine indeed.

Design Mission: Marathon Racer

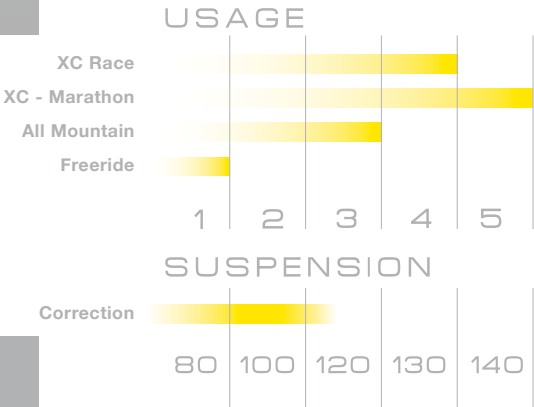
Usage: Long Distance Comfort

Frame Material: Aerospace Grade 3AL/2.5V Titanium

Frame Finish: Bright Hand Brushed

Frame Sizes: 14, 16.5, 18, 19.5 Inch & Tailormade

Frame Warranty: Lifetime





		Frame	Effective Frame Size	Seat Tube CTT	Seat Tube CTC	Effective Top Tube	Actual Top Tube	Head Tube Angle	Seat Tube Angle
RACE	Astraeus		50,0	47,0	43,5	52,0	50,50	72,00	75,00
			52,0	49,0	45,5	53,1	51,60	72,50	74,50
			54,0	51,0	47,5	54,0	52,50	72,50	74,00
			56,0	53,0	49,5	55,0	53,50	73,00	73,50
			58,0	55,0	51,5	56,6	55,10	73,00	73,00
	Zephyr		60,0	57,0	53,5	57,7	56,30	73,50	73,00
			50,0	48,0	44,0	52,0	50,50	71,00	75,00
			52,0	50,0	46,0	53,1	51,60	71,50	74,50
			54,0	52,0	48,0	54,0	52,50	71,50	74,00
			56,0	54,0	50,0	55,0	53,50	72,00	73,50
	Chinook		58,0	56,0	52,0	56,6	55,00	72,00	73,00
			60,0	58,0	54,0	57,7	56,20	72,50	73,00
			50,0	50,0	46,5	52,0	51,00	72,00	75,00
			52,0	52,0	48,5	53,1	52,10	72,50	74,50
			54,0	54,0	50,5	54,0	53,10	72,50	74,00
	Chinook Track		56,0	56,0	52,5	55,0	54,10	73,00	73,50
			58,0	58,0	54,5	56,6	55,70	73,00	73,00
			60,0	60,0	56,5	57,7	57,00	73,50	73,00
			62,0	62,0	58,5	58,5	57,90	73,50	73,00
			53,0	53,0	49,5	53,5	53,00	74,00	75,50
	Euros		56,0	56,0	52,5	56,0	55,80	74,00	75,50
			59,0	59,0	55,5	59,0	58,80	74,00	75,50
			48,0	45,0	41,5	50,0	48,50	71,50	75,00
			50,0	47,0	43,5	52,0	50,50	72,00	75,00
			52,0	49,0	45,5	53,1	51,60	72,50	74,50
	Mistral		54,0	51,0	47,5	54,0	52,50	72,50	74,00
			56,0	53,0	49,5	55,0	53,50	73,00	73,50
			58,0	55,0	51,5	56,6	55,10	73,00	73,00
			60,0	57,0	53,5	57,7	56,30	73,50	73,00
			50,0	47,0	43,5	52,0	50,50	72,00	75,00
TRI	Blaze		52,0	49,0	45,5	53,1	51,60	72,50	74,50
			54,0	51,0	47,5	54,0	52,50	72,50	74,00
			56,0	53,0	49,5	55,0	53,50	73,00	73,50
			58,0	55,0	51,5	56,6	55,10	73,00	73,00
			60,0	57,0	53,5	57,7	56,30	73,50	73,00
TOUR	Amazon		52,0	57,5	48,0	53,1	52,50	71,50	76,00
			54,0	59,5	50,0	54,0	53,80	72,00	76,00
			56,0	61,5	52,0	55,7	55,60	72,50	76,00
			58,0	63,5	54,0	57,5	57,40	72,50	76,00
			50,0	47,5	43,5	52,0	50,30	70,50	74,50
	Amazon Rohloff		52,0	49,5	45,5	53,1	51,40	70,50	74,00
			54,0	51,5	47,5	54,0	52,40	70,50	74,00
			56,0	53,5	49,5	55,0	53,40	70,50	73,50
			58,0	55,5	51,5	56,6	55,00	70,50	73,00
			60,0	57,5	53,5	57,7	56,10	70,50	73,00
			50,0	47,5	43,5	55,0	53,30	70,50	74,50
			52,0	49,5	45,5	56,1	54,40	70,50	74,00
			54,0	51,5	47,5	57,0	55,40	70,50	74,00
			56,0	53,5	49,5	58,0	56,30	70,50	73,50
			58,0	55,5	51,5	59,6	57,90	70,50	73,00
			60,0	57,5	53,5	60,7	59,10	70,50	73,00

Head Tube Length	Wheel Base	Front Center	Bracket Drop	Chain Stay Length	Fork Rake	Weight lbs.	Weight kgs.
11,0	97,0	57,5	7,0	40,5	4,3	3,07	1,39
12,0	97,2	57,7	7,0	40,5	4,3	3,20	1,45
13,5	97,7	58,2	7,0	40,5	4,3	3,25	1,47
15,0	97,8	58,3	7,0	40,5	4,3	3,29	1,49
16,5	98,9	59,4	7,0	40,5	4,3	3,42	1,55
18,0	99,5	60,0	7,0	40,5	4,3	3,44	1,56
12,5	97,6	58,3	7,5	40,5	4,3	3,22	1,46
13,5	98,4	58,6	7,5	41,0	4,3	3,31	1,50
15,0	99,1	59,1	7,5	41,2	4,3	3,44	1,56
16,0	99,4	59,1	7,5	41,5	4,3	3,49	1,58
18,0	100,8	60,2	7,5	41,8	4,3	3,60	1,63
19,5	101,5	60,9	7,5	41,8	4,3	3,66	1,66
11,0	97,0	57,6	7,0	40,5	4,3	3,13	1,42
12,0	97,2	57,7	7,0	40,5	4,3	3,22	1,46
13,5	97,7	58,2	7,0	40,5	4,3	3,36	1,52
15,0	97,8	58,3	7,0	40,5	4,3	3,40	1,54
16,5	98,8	59,3	7,0	40,5	4,3	3,51	1,59
18,0	99,5	60,0	7,0	40,5	4,3	3,58	1,62
19,5	100,3	60,8	7,0	40,5	4,3	3,71	1,68
12,0	94,9	57,5	5,5	38,0	3,8	3,36	1,52
14,0	97,5	60,1	5,5	38,0	3,8	3,51	1,59
17,0	100,5	63,2	5,5	38,0	3,8	3,58	1,62
10,0	95,4	55,9	7,0	40,5	4,3	2,85	1,29
11,0	97,0	57,5	7,0	40,5	4,3	2,94	1,33
12,0	97,2	57,7	7,0	40,5	4,3	3,07	1,39
13,5	97,7	58,2	7,0	40,5	4,3	3,11	1,41
15,0	97,8	58,3	7,0	40,5	4,3	3,16	1,43
16,5	98,9	59,4	7,0	40,5	4,3	3,29	1,49
18,0	99,5	60,0	7,0	40,5	4,3	3,31	1,50
11,0	97,0	57,5	7,0	40,5	4,3	3,11	1,41
12,0	97,2	57,7	7,0	40,5	4,3	3,25	1,47
13,5	97,7	58,2	7,0	40,5	4,3	3,29	1,49
15,0	97,8	58,3	7,0	40,5	4,3	3,33	1,51
16,5	98,9	59,4	7,0	40,5	4,3	3,47	1,57
18,0	99,5	60,0	7,0	40,5	4,3	3,49	1,58
10,0	96,8	58,5	7,5	39,5	4,3	3,75	1,70
10,0	97,3	59,0	7,5	39,5	4,3	3,80	1,72
11,5	98,7	60,4	7,5	39,5	4,3	3,93	1,78
13,5	100,6	62,3	7,5	39,5	4,3	3,97	1,80
11,0	101,9	58,5	7,5	44,5	4,5	3,64	1,65
12,0	102,6	59,2	7,5	44,5	4,5	3,75	1,70
13,5	103,6	60,2	7,5	44,5	4,5	3,89	1,76
15,0	104,2	60,8	7,5	44,5	4,5	4,02	1,82
16,5	105,3	61,9	7,5	44,5	4,5	4,06	1,84
18,0	106,4	63,0	7,5	44,5	4,5	4,15	1,88
11,0	104,9	61,5	7,5	44,5	4,5	3,84	1,74
12,0	105,6	62,2	7,5	44,5	4,5	3,89	1,76
13,5	106,6	63,2	7,5	44,5	4,5	3,97	1,80
15,0	107,1	63,7	7,5	44,5	4,5	4,06	1,84
16,5	108,3	64,8	7,5	44,5	4,5	4,19	1,90
18,0	109,4	66,0	7,5	44,5	4,5	4,24	1,92

		MTB						
Frame	Effective Frame Size	Seat Tube CTT	Seat Tube CTC	Effective Top Tube	Actual Top Tube	Head Tube Angle	Seat Tube Angle	
Amazon Ladies	48,0	45,5	40,5	54,0	54,40	70,50	74,00	
	52,0	49,5	44,5	56,1	55,90	70,50	73,50	
	56,0	53,5	48,5	58,0	57,50	70,50	73,00	
Amazon Rohloff Ladies	48,0	45,5	40,5	54,0	54,40	70,50	74,00	
	52,0	49,5	44,5	56,1	55,90	70,50	73,50	
	56,0	53,5	48,5	58,0	57,50	70,50	73,00	
Amazon Cross	50,0	47,5	43,5	52	50,20	72,00	73,50	
	52,0	49,5	45,5	53,1	51,40	72,00	73,00	
	54,0	51,5	47,5	54,0	52,40	72,00	73,00	
	56,0	53,5	49,5	55,0	53,40	72,00	73,00	
Pioneer	58,0	55,5	51,5	56,6	55,10	72,00	73,00	
	48,0	47,0	42,0	56,0	53,70	69,00	73,00	
	52,0	51,0	46,0	58,0	55,90	69,00	73,00	
	55,0	54,0	49,0	60,0	57,80	69,00	72,50	
Yukon	58,0	57,0	52,0	62,0	59,70	69,00	72,00	
	50,0	50,0	46,5	52,0	51,00	71,00	75,00	
	52,0	52,0	48,5	53,1	52,20	71,50	74,50	
	54,0	54,0	50,5	54,1	53,30	71,50	74,00	
Yukon Fixed	56,0	56,0	52,5	55,1	54,30	72,00	73,50	
	58,0	58,0	54,5	56,6	55,90	72,00	73,00	
	60,0	60,0	56,5	57,7	57,20	72,00	73,00	
	50,0	50,0	46,5	54,0	53,20	71,00	75,00	
	52,0	52,0	48,5	55,1	54,50	71,50	74,50	
	54,0	54,0	50,5	56,1	55,60	71,50	74,00	
	56,0	56,0	52,5	57,1	56,60	72,00	73,50	
	58,0	58,0	54,5	58,6	58,20	72,00	73,00	
	60,0	60,0	56,5	59,7	59,50	72,00	73,00	
	MTB	Tuareg	14,0	35,6	30,6	55,0	53,40	70,50
16,5			41,9	36,9	57,5	55,00	71,00	73,00
18,0			45,7	40,7	60,0	57,40	71,00	73,00
19,5			49,5	44,5	62,1	59,70	71,00	73,00
21,0			53,3	48,3	63,5	61,40	71,00	73,00
Mamtor		14,0	35,6	29,1	56,0	55,60	68,50	72,75
		16,5	41,9	35,4	59,0	56,60	68,50	72,00
		18,0	45,7	39,2	60,5	57,70	68,50	72,00
		19,5	49,5	43,0	62,0	59,00	68,50	72,00
Zion		14,0	35,6	30,6	54,5	53,50	70,00	74,00
		16,5	41,9	36,9	57,0	54,60	70,00	73,00
		18,0	45,7	40,7	59,1	56,50	70,00	73,00
		19,5	49,5	44,5	61,6	59,00	70,00	72,50
Zion Rohloff		14,0	35,6	30,6	54,5	53,50	70,00	74,00
		16,5	41,9	36,9	57,0	54,60	70,00	73,00
		18,0	45,7	40,7	59,1	56,50	70,00	73,00
		19,5	49,5	44,5	61,6	59,00	70,00	72,50
Zion 29 Inch - TI		14,0	35,6	29,1	56,0	55,30	71,40	73,40
		16,5	41,9	35,4	58,2	56,00	71,80	73,00
		18,0	45,7	39,2	60,0	57,40	72,00	73,00
	19,5	49,5	43,0	62,0	59,30	72,00	73,00	
Zion Singlespeed	14,0	35,6	30,6	54,5	53,50	70,00	74,00	
	16,5	41,9	36,9	57,0	54,60	70,00	73,00	
	18,0	45,7	40,7	59,1	56,50	70,00	73,00	
	19,5	49,5	44,5	61,6	59,00	70,00	72,50	

Head Tube Length	Wheel Base	Front Center	Bracket Drop	Chain Stay Length	Fork Rake	Weight lbs.	Weight kgs.
11,0	103,5	60,1	7,5	44,5	4,5	3,49	1,58
13,0	105,2	61,8	7,5	44,5	4,5	3,64	1,65
16,0	106,7	63,3	7,5	44,5	4,5	3,89	1,76
11,0	103,5	60,1	7,5	44,5	4,5	3,29	1,49
13,0	105,2	61,8	7,5	44,5	4,5	4,00	1,81
16,0	106,7	63,3	7,5	44,5	4,5	3,47	1,57
11,0	98,4	56,6	5,8	42,5	4,5	3,47	1,57
12,0	99,1	57,3	5,8	42,5	4,5	3,58	1,62
13,5	100	58,2	5,8	42,5	4,5	3,71	1,68
15,0	100,9	59,1	5,8	42,5	4,5	3,84	1,74
16,5	102,6	60,8	5,8	42,5	4,5	3,89	1,76
17,0	107,4	63,3	4,5	44,5	4,5	3,89	1,76
19,0	109,6	65,5	4,5	44,5	4,5	4,19	1,90
21,5	111,2	67,1	4,5	44,5	4,5	4,37	1,98
24,5	112,9	68,8	4,5	44,5	4,5	4,59	2,08
11,0	100,0	58,5	7,0	42,5	4,5	3,27	1,48
12,0	100,3	58,8	7,0	42,5	4,5	3,31	1,50
13,5	100,9	59,4	7,0	42,5	4,5	3,36	1,52
15,0	101,0	59,5	7,0	42,5	4,5	3,40	1,54
16,5	102,0	60,5	7,0	42,5	4,5	3,62	1,64
18,0	103,2	61,7	7,0	42,5	4,5	3,75	1,70
11,0	102,4	60,6	6,0	42,5	4,5	3,16	1,43
12,0	102,8	61,0	6,0	42,5	4,5	3,20	1,45
13,5	103,4	61,6	6,0	42,5	4,5	3,25	1,47
15,0	103,5	61,7	6,0	42,5	4,5	3,29	1,49
16,5	104,5	62,7	6,0	42,5	4,5	3,51	1,59
18,0	105,7	63,9	6,0	42,5	4,5	3,64	1,65
11,0	102,9	60,7	3,6	42,5	3,6	3,47	1,57
11,5	104,5	62,2	3,6	42,5	3,6	3,55	1,61
12,0	107,0	64,7	3,6	42,5	3,6	3,62	1,64
12,5	109,1	66,8	3,6	42,5	3,6	3,84	1,74
14,5	110,6	68,3	3,6	42,5	3,6	3,90	1,77
10,0	105,9	63,7	3,7	42,5	3,9	3,38	1,53
11,4	108,5	66,2	2,7	42,5	3,9	3,46	1,57
12,2	110,1	67,8	2,7	42,5	3,9	3,53	1,60
13,0	111,7	69,3	2,7	42,5	3,9	3,75	1,70
11,0	104,3	61,6	3,6	43,0	3,8	3,29	1,49
11,5	105,7	63,0	3,6	43,0	3,8	3,37	1,53
12,0	107,8	65,1	3,6	43,0	3,8	3,44	1,56
12,5	109,9	67,1	3,6	43,0	3,8	3,66	1,66
11,0	104,3	61,6	3,6	43,0	3,8	3,25	1,47
11,5	105,7	63,0	3,6	43,0	3,8	3,33	1,51
12,0	107,8	65,1	3,6	43,0	3,8	3,40	1,54
12,5	109,9	67,1	3,6	43,0	3,8	3,62	1,64
9,0	104,1	60,4	6,35	44,5	3,8	3,25	1,47
9,5	105,4	61,7	6,35	44,5	3,8	3,33	1,51
10,0	107,0	63,3	6,35	44,5	3,8	3,40	1,54
10,5	109,1	65,3	6,35	44,5	3,8	3,62	1,64
11,0	104,3	61,6	3,6	43,0	3,8	3,25	1,47
11,5	105,7	63,0	3,6	43,0	3,8	3,33	1,51
12,0	107,8	65,1	3,6	43,0	3,8	3,40	1,54
12,5	109,9	67,1	3,6	43,0	3,8	3,62	1,64

VAN NICHOLAS GEOMETRY CHART

BE YOUR BIKE


YOUR UNIQUE VAN NICHOLAS

Your dream bike


Component images and detailed descriptions will appear each time you make a selection.


Price and weight


The price and weight of your bike is automatically updated each time you change a component selection.





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 BUILD YOUR DREAM BIKE ON LINE



Select options from the drop-downs below. Options will automatically be calculated to show the difference in price and weight. Images and detailed descriptions will appear in this area each time you make a selection. Please pay special attention to any compatibility warnings and ensure that your component selection is in agreement with the warning.

 Campagnolo Crankset is only compatible with complete 10 speed Campagnolo drive train.





























YOUR PRICE : € 1516 (excl. VAT)

BIKE WEIGHT : 25.5Lbs 11.6 Kgs

ADD TO CART

	Frame set	2007 Zion 3AL/2.5V Titanium MTB frame, 16"
	Crank set	KMC X9 Gold 9spd. Chain with Ti-N Coating with Powerlink
	Bottom bracket	Shimano 2009 XTR Bottom Bracket - INCLUDED with XTR FC-M970 Cranks (+ 73 g)
	Chain	Shimano 2009 Deore XT Bottom Bracket - INCLUDED with XT FC-M770 Cranks (+ 73 g)
	Rear derailleur	Shimano 2009 Deore LX Bottom Bracket - INCLUDED with LX Cranks (+ 73 g)
	Front derailleur	Shimano 2009 SLX Bottom Bracket - Included with SLX FC-M960 Cranks
	Integrated & separate shift levers	Van Nicholas VNT Bottom Bracket with CERAMIC Bearings ADD €80.00 (+ 73 g)
	Separate brake levers	Shimano 2008 105 ST-5600 10 speed Dual Control Shift Levers.
	Brakes	No Brake Levers Selected
	Cable sets: Brake & derailleur	Shimano 2007 Deore LX CS-M580 (11-32) 9 Speed Cassette
	Cassette	Shimano 2007 WH-M565 MTB Wheel Set, 28/28H, Black
	Wheel set	Michelin Xcomp MTB Tire, 26" x 1.95", Black
	Front tire	Michelin Xcomp MTB Tire, 26" x 1.95", Black
	Rear tire	Michelin C4 Butyl Tubes with 36mm Presta Valve
	Tubes	FSA Orbit MX, Threadless Sealed Bearing Headset, Black 1 1/8"
	Headset	Allow Headset Spacer 25.0mm, Black
	Headset spacers	Van Nicholas VNT Stem, Removable Face, 31.8mm OS, 110mm x 85 rise, Black
	Handlebar stem	Van Nicholas Allow MTB, 23" Length, 6 "Bend, 31.8mm OS, Black
	Handlebar	No bar Ends Selected
	Bar ends	Van Nicholas Dual Density MTB Grips
	Handlebar grips	Van Nicholas Forged / Butted Allow Seatpost, 400mm, Black, 259g
	Seat post	Van Nicholas CNC Machined 6061 Aluminum Seat Collar
	Seat collar	Van Nicholas "VNT" Saddle, Leather Cover, Titanium Rails
	Saddle	Van Nicholas CNC Machined 6061 Aluminum Seat Collar
	Fork	Van Nicholas "VNT" Saddle, Leather Cover, Titanium Rails
	Pedals	2007 RockShox TORA SOLO Air, 80 Travel, Diffusion Black
		Pedal None

Manufacturer

Visit the manufacturer's website to learn more about your selection.

Compatibility

Specific compatibility warnings are displayed to inform you whether or not your component selections are compatible.

Select options

Select component options from the drop-down lists. The exact cost and weight of your options will be displayed in real time based on the selection you make.



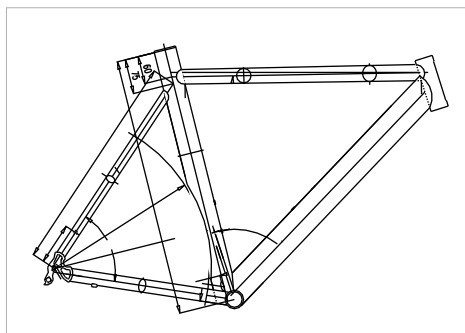
VAN NICHOLAS TAILORMADE

For the absolute ultimate in bike customisation, we offer you the option of having a frame built to your exact size, dimensions and specification. You will get a bike that your body will instantly recognise as its own. You'll get the most comfortable ride you have ever had. And, without a shadow of a doubt, you'll get an immediate increase in your performance levels. Of course, you don't actually have to fit your chosen components to your chosen frame. We do that by hand, with a genuine sense of pride. And, as you'd expect from a Dutch masterpiece, with a signature verifying its authenticity.

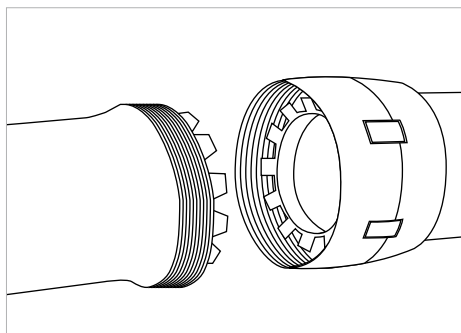
Everyone of our frames is also a canvas

On our website you will find all the information you need to specify your very own Tailormade Van Nicholas frame. If you decide Tailormade is for you, make sure you follow those instructions carefully. If you're not sure, just call and we'll talk things through with you. Alternatively, you can have your measurements taken for you at one of our authorised dealers. You'll find the location of your nearest store on the website. One warning, however: if you're one of those people with Bike Wanderlust, someone who is always looking for or thinking about the next bike, then taking up this option will mean the end of that particular pursuit! We're confident that it's something you won't miss. We offer you the chance to have a completely different bike. The bike you want.

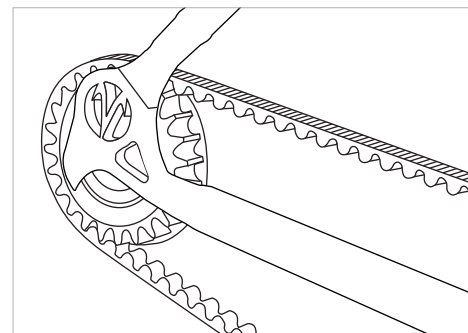
A few examples you can choose:



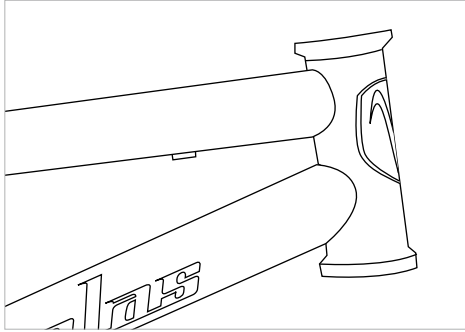
Custom Geometry



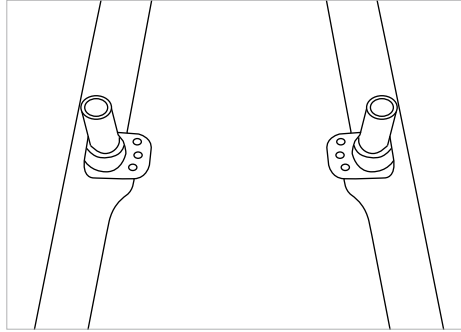
S&S couplings



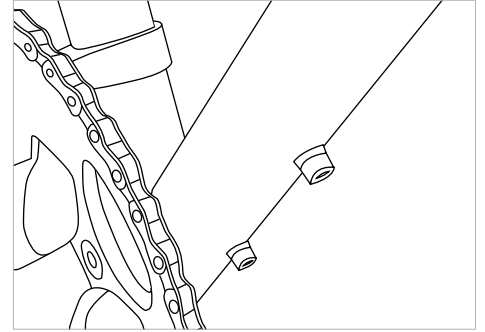
Belt Drive System



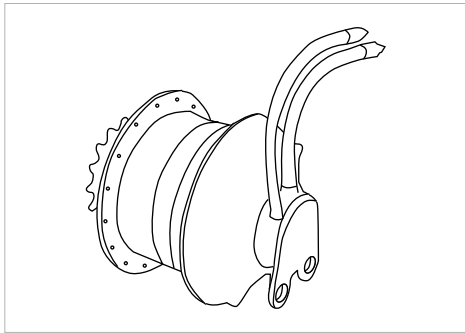
Integrated Head Tube



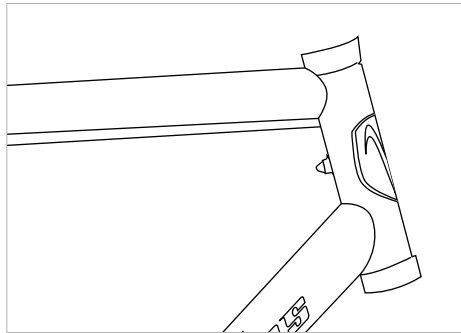
V-Brake Studs



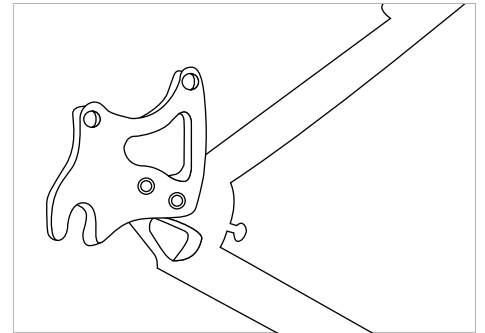
3rd Water Bottle Bosses



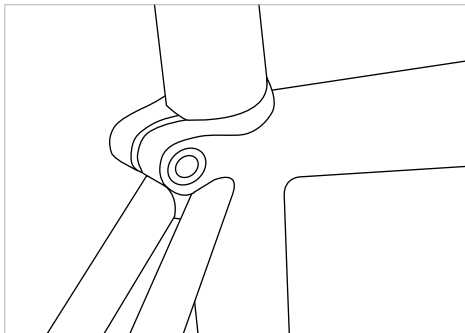
Rohloff Hub System



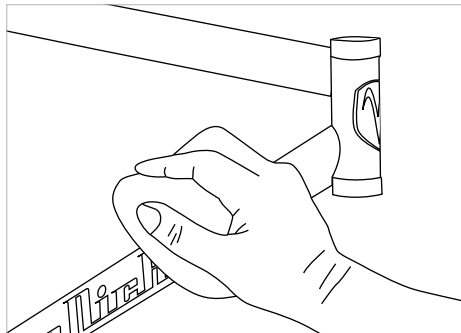
Pump Peg



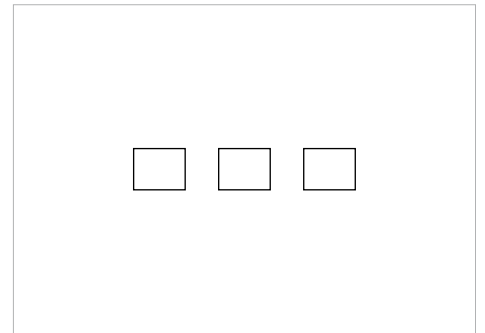
Slider Dropouts



Weld-on Seat Tube Binder



Polished Frame Finish



And many more options...

TITANIUM COMPONENTRY

Not content with continually improving, perfecting and creating new Titanium frames, we also design Titanium components. These include skewers, seat posts, stems, bar-ends, handlebars, headset spacers, water bottle cages, seat collars and wheel skewers. Whilst under our sub-brand VNT (Van Nicholas Technology) we have designed road and touring forks, Carbon Wheelsets, handlebars, saddles, water bottles, holders and many more...



Titanium Stem

Introducing the Van Nicholas 3AL/2.5V Titanium stem, with a CNC machined alloy 4-bolt removable faceplate. This stem has a 31.8mm clamp diameter, a 5/85gr rise, and comes in 90, 100, 110 and 120mm lengths. A perfect fit for any of the new Van Nicholas handlebars.



Titanium Headset Spacers

Custom-made 3AL/2.5V Titanium headset spacers create a clean look when combined with a Van Nicholas Titanium stem. Available in 5, 10 and 15mm height.



Titanium Seat Post

Van Nicholas introduces its new hand-brushed Titanium seat post with bead-blasted minimal insertion for extra grip. Titanium is one of the best materials for seat posts because it deflects shock and increases comfort. The post is manufactured from aerospace grade 3AL/2.5V Titanium, and is available in 300 and 400mm height.



Titanium Seat Collar

Laser engraved Titanium with the familiar Van Nicholas logo, and finished in our new 'high lust' polish. Features a stainless steel bolt with a 6mm hex head. The 31.8mm size is designed for all Van Nicholas frames and weighs just 29.5g (incl. bolt).



Van Nicholas Natural Cork Gel Tape / Ballistic Black

Van Nicholas' Cork Gel Tape is a perfect blend of durable polyurethane, 100% natural cork and a thin Gel layer. Feels great and rapidly absorbs numbing road shock. Embossed with the Van Nicholas Logo the soft, textured surface wears well and washes with soap and water.



Van Nicholas 3AL/2.5V Titanium Water Bottle Cage

The latest addition to our range of Titanium accessories combines sleek styling with assured functionality and weighs in at just 35g.



Van Nicholas VNT 6AL/4V Titanium Wheel Skewers

Utilizes an aerospace grade 6AL/4V Titanium rod and 6061 aluminium hardware to produce a very light (87 gram/apri) and durable alternative to your stock quick-releases. Black anodized with laser engraved VNT logo.



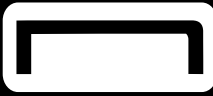
Titanium Bar Ends

At 98g, the new Van Nicholas laser engraved bar ends incorporate a short, cold-worked ovalized profile to provide an easier-to-grip surface. Aerospace grade 3AL/2.5V Titanium alloy, 110mm length with welded end caps. Stainless steel clamp bolts included.



Van Nicholas 31.8mm OS Titanium Handlebar

These handlebars have a 580mm width and weigh in at just 154g! Best of all, they look absolutely stunning - especially when paired with a Van Nicholas Titanium stem and bar-ends. Titanium is the ideal material for a handlebar as it is light, strong and delivers an impressive level of comfort thanks to its in-built flex.



///ELEMENTS



Water Bottles

Three 'Little Big Mouth' water bottles (by Specialized). Low density plastic for an 'easy squeeze' & 'easy grip'. Same great threaded Softop™ gives good fluid flow, and won't leak. Freezer and dishwasher safe. Made in the USA. FDA-approved material.



Van Nicholas VNT Alloy Stem

Introducing the Van Nicholas 'VNT' Stem. Forged from 6061 alloy with a custom CNC machined removable face plate. This stem has a 31.8mm clamp diameter, a 5/85gr rise, and comes in 90, 100, 110, 120, 130mm lengths. A perfect fit for any new Van Nicholas VNT handlebar.



Van Nicholas VNT Anatomic OS Road Handlebar, Black

Van Nicholas 'VNT' road handlebar. Made from double butted 6061-T6 alloy with a black anodized finish. This bar has a clamp diameter of 31.8mm, and is available in 40, 42, 44cm widths. The width is measured CTC. Our design incorporates laser-engraved position lines for correct placement of shift levers and an anatomic bend, allowing for more varied hand placement and improved comfort. 250g.



VNT Carbon SL Fork

Launching the new lightweight Van Nicholas VNT Carbon SL fork, with an 11/8" carbon steerer tube, and a 43mm rake. At only 370g this fork provides superior stiffness and an incredibly smooth ride.



Van Nicholas VNT Ceramic Bottom Bracket

Your crankset and bottom bracket rely on the bearings for smooth revolutions with each stroke. By replacing the standard bearings with ceramic bearings, you can increase your speed, service life and efficiency. Benefits of ceramic bearings include: very low friction, increased stiffness, extremely wear resistant and impervious to oxidation, chemicals and require essentially no lubricant.



Van Nicholas VNT Long Reach 57mm Dual Pivot Brake Calipers, Black

Van Nicholas VNT 57mm deep drop brakes. Dual pivot calliper with forged aluminium arms, long aluminium quick release mechanism and adjustable angle cartridge brake pads. 166g.



Van Nicholas VNT Carbon Seat Post, 300mm length

Van Nicholas VNT Carbon Seat Post, 300mm length



Van Nicholas Aluminum Seat Collar

Custom CNC machined 6061 alloy seat collar with laser-engraved Van Nicholas logo. 31.8mm size designed for all Van Nicholas frames. 22g.

VAN NICHOLAS APPAREL



Van Nicholas Short Sleeve Jersey

A sublime short sleeve jersey designed by Van Nicholas and made in Italy. This stunning jersey is made using Octane fabric because of its superior wicking properties.



Van Nicholas Long Sleeve Jersey

A sublime long sleeve jersey designed by Van Nicholas and made in Italy. This stunning jersey is made using Octane fabric because of its superior wicking properties.



Van Nicholas Bib Shorts

8 panel bib shorts designed by Van Nicholas and made in Italy. Incorporating the finest one-piece moulded liner, they feature newly developed, permanent anti-bacterial protection, combined with a special CoolMax fibre to wick moisture away from the skin, so you stay dry, and the 225g Lycra provides outstanding durability.



Van Nicholas Team Socks

Want to pedal in comfort and style? Stock up on Van Nicholas team socks. Slide a pair of these on and be the envy of all your two-wheeled friends. Designed by Van Nicholas, and made in Italy. Made with 100% Coolmax. These socks will dry 75% faster than a cotton sock.



THE **R**-FACTOR

ULTREMO R. Made using new principles of construction and with new High-Tech materials: Rolling resistance and weight are radically reduced! Allowing you to beat your personal best – using the R-Factor. www.schwalbe.com



Reduced rolling resistance: Radial Technology



Reduced puncture risk: HD-Ceramic Guard



Reduced weight: 180 g

Ralf Bohle GmbH
51580 Reichshof
Germany





ESPRESSO FOR PROFESSIONALS



WWW.BORETTI.COM



CUSTOMER FEEDBACK



BLAZE | R. BRUNNING 🇬🇧

This picture was taken with the world famous Red Arrows Aerobatic Display Team. Loving the bike and it's getting faster each day, Titanium is the way ahead!

EUROS | P. COUSER 🇫🇷

All that is said about Ti frames is true! The quality of the workmanship is very high. The design was right, the material was right, the workmanship was right, the price was right, and most importantly the ride is right - perfect!



EUROS | M. WENDT 🇩🇪

My wife has to sleep in the living room...

I like my new bike because I spend a lot of time on it (more than with the family) training for the Ironman Distanz at Roth, Germany in July 2009. I ride in the evening and early in the morning, so I sleep by it!

ZION | T. TULK 🇮🇸

I'm very happy with my Zion Rohloff, the looks are great and the riding is even better.

This is one frame that is not for sale, ever.





SWISS MADE

Details, details, details.

Is this the end?
Or the start of something beautiful?
Time out.

Take a minute, look closer and drink in those details.
The finishing touches, the finer points, the thoughtful
extras.

Each Titanium bicycle is finished down to the smallest detail. When it comes to constructing our Titanium frames, no effort is spared to ensure every last detail is how we believe it should be. It's not enough for a weld to be strong; it also has to be finished with precision to ensure it looks good too. Every millimetre of our frames is scrutinized thoroughly, by three different pairs of eyes: its maker, our Head of Design and the technician who's going to use it to hand build a custom-ordered bike.

Our loving and lavish attention extends beyond the frame. Every component is thoroughly checked over before we use it. This eye for detail has even led to us rejecting a valve's dust cap for being slightly threaded. Only when the bike is fully assembled and we're completely happy do we sign it off: authenticating it as a modern day Dutch masterpiece!





TIMELESS DUTCH DESIGN
DAY-LONG RIDE-ABILITY
GUARANTEED FOR LIFE
HAND-BUILT
TO ORDER



THE TITANIUM BIKE COMPANY

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