

# Velobike

## Velobike Vega Wheelset Care and Warranty

This document relates to the following wheelsets:

- Vega 450 Clincher/Tubeless (SKU: VB-W-VEGA-450-C)
- Vega 450 Tubular (SKU: VB-W-VEGA-450-T)

### Clincher Maximum Inflation

- 700x23c - 130psi
- 700x25c - 120psi
- 700x28c - 110psi

### Tubular Maximum Inflation

- 700x19c - 160psi
- 700x23c - 155psi
- 700x25c - 150psi

### Maximum Rider Weight

- Vega 450 - 110kg (Including rider, bike and accessories)

### Wheel Build Specifications:

- Front: 20H, Radial
- Rear: 24H, 2 Cross
- Spoke Tension: 125-140kgf
- Front Wheel Weight (Clincher): 878g (-/+ 2%) inc Axle Nuts
- Rear Wheel Weight (Clincher): 965g (-/+ 2%) inc Axle Nuts and Lock Ring
- ISO certified: Meets strength standards for racing bicycles
- UCI Strength Tested: Meets strength and quality standards set by the UCI

### Rim Specifications:

- Velobike Vega 450 Rim
- Rim Type: Clincher/Tubeless and Tubular
- Rim Depth: 45mm
- Rim Width – Internal: 19mm
- Rim Width – External: 25mm
- Size: 700c
- Material: Japanese T700 Toray Carbon Fibre
- Finish: UD
- Coating: Matte Clear
- Tubeless Compatible: Yes
- Recommended Tyre Size: 23-25c

### Hub Specifications:

- DT Swiss High Flange 370 Track Hub Set
- Front Hub Axle: M9mm Bolt on Axle
- Rear Hub Axle: M10mm Bolt on Axle
- Sprocket Interface: Track Specific Double-Sided Threaded 1.37x24TPI
- Lockring Interface: Track Specific Double-Sided Threaded 1.29x24TPI LH
- Finish: High Polish Silver, Black Logos
- Material: Alloy with Stainless Steel Hardware

### Spoke Specifications:

- Spokes: Pillar Aero 1423 Aero Bladed Spokes

- Material: T302+ Stainless Steel
- Front: 246mm (+/-1mm) long
- Rear: 262mm (+/-1mm) long
- Spoke Colour: Black
- Nipple Colour: Black
- Nipple Material: Alloy
- Nipple Type: 14mm Standard
- Spoke Interface: Greased and Thread-locked

**Includes:**

- Velobike Vega 450 Wheelset (Front and Rear)
- Rim Tape Supplied (Clincher Only)

**Tubeless Compatible**

The clincher rim profiles are tubeless tire compatible. Due to primarily being a track wheelset, we have opted not to put drain holes into the rim for aerodynamic benefit. If using tubeless, it is recommended to use new rim sealing tape with every tire installation.

**General Care and Maintenance**

- Regularly wash your rims with a mild soap and water. A clean rim not only looks better but is easier to inspect for damage.
- Store your wheels in a dry location. Let them dry out if ridden in wet conditions
- Store your wheels away from direct sunlight as UV light can discolour and degrade resin.
- When you change your tires, have your wheels inspected for trueness and spoke tension. A properly built wheel will not require re-tensioning or truing any more frequently than the intervals at which you change your tires.
- When installing and removing tires, use tire levers as a last resort. Never use metal levers, screw drivers, kitchen utensils, or any object other than a plastic tire lever.
- To clean and remove tubular glue from a carbon rim, use acetone or alcohol. Never use a metal object such as skewers, kitchen utensils, screwdrivers, or metal tire levers to scrape glue from carbon rims.

**Limited Warranty**

Velobike Vega wheels are provided with a two-year limited warranty from the date of delivery to the customer. Proof of purchase for all warranty claims is required. Please note that round-trip freight, VAT/GST/Import duties, payment processing fee and labour are not covered by Velobike. Additional replacement parts are not covered by Velobike. The warranty is non-transferable and valid to the original purchaser of the product only. This warranty does not cover products that are deemed consumables, such as brake pads, tyres, quick release, valve extenders, tubes, tyre sealant and in most cases - nipples, spokes and hubs.

This Limited Warranty is not transferable and does not apply to:

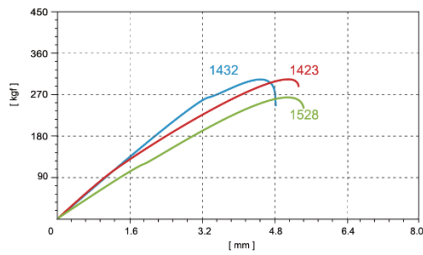
- Normal wear and tear
- Incorrectly completed repairs
- Incorrectly or non-existent maintenance
- Damage or loss caused during transport
- Damage commonly caused by rider error
- Damage from competition use, stunt riding or commercial use
- Damage or failure due to accidents, crashes, corrosion, misuse and abuse
- Riding with incorrect tyre pressures (or pressures exceeding the maximum recommendations)
- When a serial number or production code has been deliberately altered, defaced or removed
- Improper assembly, installation or alteration of components, parts or accessories not originally intended for or compatible with the wheels.

# Aero

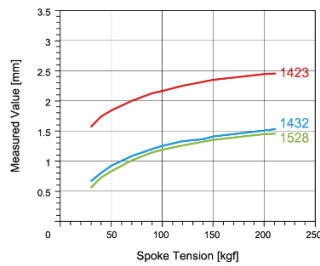
MATERIAL	T302+
ADVANTAGE	Pillar cold forge technology Aero shape, high elasticity and low drag coefficient.
THREAD	Rolled (BC 56, DIN 79012 ) PA 1423: FG 2.3 PA 1432: FG 2.3 PA 1528: FG 2.0
APPLICATION	Race/ MTB
COLOUR	COLOURPC  Black



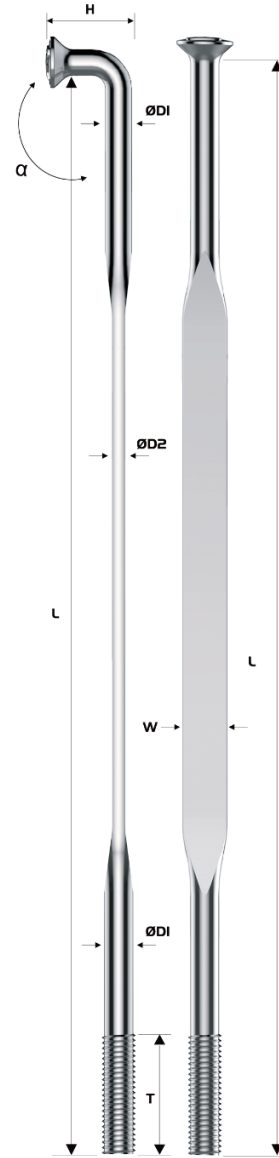
Breaking Strength



Spoke Tension



For Reference only



Model	T	ØD1	W	ØD2	α	H	L	Weight (260 mm)
PA 1423	9.0 mm	2.0 mm	2.3 mm	1.5 mm	95°	6.2 mm	170-310 mm	6.5 g
PA 1432	9.0 mm	2.0 mm	3.2 mm	1.0 mm	95°	6.2 mm	170-310 mm	6.5 g
PA 1528	9.0 mm	1.8 mm	2.8 mm	1.0 mm	95°	6.0 mm	170-310 mm	5.5 g