



X-lite Spokes

The X-lite line of spokes provides a unique selection of Double and Quadruple Butted spokes. They are the ideal choice for the weight conscious rider. Offering an outstanding combination of minimalistic weight and strength, the X-lite Butted Spokes are uniquely designed to prevent fatigue and increase durability. The X-lite Spokes are produced from Swedish Sandvik T302 Stainless Steel, a material that contains higher tensile strength, higher corrosion resistance, and superior resistance to relaxation (fatigue).

Material: Sweden Sandvik T302 Stainless Steel
Process: Patented Cold Forged Manufacturing Process
 (20% stronger than standard spokes)

Color Options: ■

Triple Butted

Butting: 2.0-1.8-2.0

Weight: 185g (32 spokes @ 260mm length)

Quad Butted

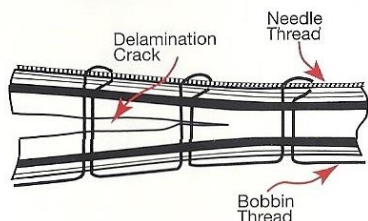
Butting: 2.3-2.0-1.6-2.0

Weight: 118g (32 spokes @ 260mm Length)

Carbon Technologies

Utilizing state of the art manufacturing processes and cutting edge technology, Loaded Precision has produced quite possibly the strongest and lightest tubeless carbon fiber mountain bike rims available today.

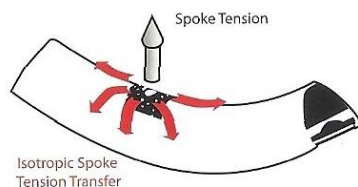
Carbon Knitting Technique (CKT)



Loaded has developed a proprietary technique that unlike typical adhering methods, secures the carbon layers together through a refined knitting and bonding process. By carefully knitting the carbon layers together, the strength of the carbon rims are significantly increased. This unique Carbon Knitting Technique allows for:

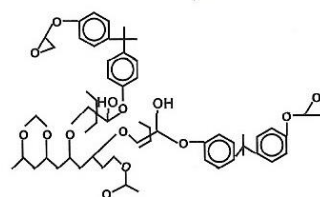
- Improved Delamination Fatigue Resistance
- Improved Impact Damage Tolerance
- Significantly Higher Ballistic Impact Loading
- Weight Reduction

Fortified Nipple Bed Technology (FNBT)



Loaded's Fortified Nipple Bed Technology allows for isotropic spoke tension transfer without the added material and weight. This technology is designed to transfer the spoke tension away from the spoke hole and into the rim body. This not only decreases spoke tension and spoke fatigue but creates a significantly stronger rim nipple junction. By eliminating continuous reinforcement, extra weight is eliminated in non-essential locations, overall resulting in a lighter and stronger rim.

Nano-Elastomer Infused Resin



Loaded Carbon Rims are manufactured with high grade carbon that is infused with Nano-Elastomers. Using Nano-Elastomers within the carbon structure allows the carbon surface area to be less affected by fracturing caused by impacts. The Nano-Elastomers provide ultra-high dampening to block cracking and maintain adhesion of the resin to the carbon fiber.



Loaded's *True Bead Technology* - Loaded's very own Tubeless System that provides an efficient interface between the tire and rim for easy installation and inflation. With a reinforced internal beam to provide torsional rigidity, the X-lite TBT Rims provide the rider the ultimate balance between weight and durability.

True Bead Technology makes tubeless tire systems available to virtually all mountain bikes. Utilizing a rim profile that integrates a varied selection of tires and sealants in a tubeless system, TBT delivers consistent bead interface between the tire and rim ensuring a true seal. Learn more: www.LoadedUSA.com.