

Ti-Fi Spoke Installation Guide

1. ERD & Rim Depth are required for spoke length calculation.
2. Spokes are preferably fixed first on the drive side @ rear wheel and the brake side
@ front wheel.
3. Reference Values
 - A. Spoke Tension: 135-155kgf @ 1st building/truing
130-150kgf @ 2nd truing
125-155kgf before tire mounting
100kgf+ after tire mounting
 - B. Radial Runout: below 0.2mm
 - C. Lateral Runout: below 0.25mm
 - D. Tire Pressure: below 100psi
4. Stress Relief & Truing(Spoke Tension, Radial Runout, Lateral Runout)
 - A. Lay the wheel flat for 72h after 1st building/truing, check and tune.
 - B. Lay the wheel flat for 72h after 2nd truing, inspect and approve.
 - C. If required, lay the wheel flat for 36h after 3rd truing.
5. Tips:
 - A. Ti-Fi spokes are designed to provide comfortable and lightweight riding, please properly settle the spoke tension as per individual use cases, either too high or too low of spoke tension may damage the wheel.
 - B. The tension difference between every 2 spokes at the same side is about 15kgf.
 - C. When using stress relief equipment, the pressure value is required below 150kgf, each round of pressuring time is required within 5min, with even pressure on both sides of the wheel.