This Tension Disc has an entirely new structure as a bicycle component.

Unlike the conventional disc wheel, the Tension Disc is not a single unit. Accordingly, assembly techniques and technical skill equal to the construction of spoke wheels are required.

- **Soft comfortable cushioning**
  absorbs shocks and decreases rider fatigue.

- **Gives good cornering**
  with its good elasticity, it takes curves like a spoke wheel.

- **High aero dynamics**
  Higher aero dynamic efficiency because of its thin film construction than a solid-type disc wheel.

- **Ultra-lightweight**
  owing to kevlar-fiber film construction, the Tension Disc set weighs only 250g.

- **Maintainability**
  for adjusting tension and eliminating wobble.

- **Economical**
  stock parts of suitable specifications may be used.

- **Quiet running**
  minimization of friction and echo noises.

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### TENSION DISC SPECIFICATIONS

- **Model Name**: TD-700-R0R
- **Sheet Weight**: 250 g /1set
- **Assembly Weight**: 650 g (total assembly weight using lightweight sew-up rim)
- **Suitable Load**: 100 kgf (inc.rider & fittings)
- **Recommended Hub**: SUNTOUR/SUPERBE 32H, SPRINT 32H
- **Recommended Rim**: 700C-32H Sew-up rim (except aero types)

### COMPARISON AND EFFICIENCY

- **Vertical Load Tests**
  - **Load at failure**: 400 kgf
  - **Residual Distortion at 250kgf load**: 0.5mm

- **Lateral Load Tests**
  - **Distortion at 18.2kgf load**: 9.0mm
  - **Residual Distortion at 18.2kgf load**: 0.4mm
  - **Distortion at 70kgf load**: 110mm

### REPLACEMENT PARTS

- **Tension Sheets**
- **Wheel bag**
- **Nipple wrench**
- **Hub Bolt set**
- **Tension Bolt set**
- **Air Valve Connector Protector**
- **Hub Spacer for 8-speed Dura Ace**
- **Tension Sheet replacement sheet**