



500lbs BK Kit

Instructions For Use

510T



5220T



5212T



5209C

1. Application & Description

- This **34mm** system is exclusively for lower extremity prosthetic fittings up to 500lb max weight limit.
- This is a complete system for Trans-Tibial fittings.
- Consists of 5209C 34mm Carbon pylon, 5220T Heavy Duty 4-Ear Connector with pyramid, a pair of 5212T Heavy Duty Tube Clamp, and should be utilized with the 1150 SACH Foot. These components are also available individually, as well as the 1150 Foot rated up to 500lbs.
- The 5209C included tubular inserts are to be used for clamping within the 5212T Tube Clamp. Failure to include this can lead to potential failure to sustain clamping forces.
- The four set screws anchor the mating system and allow for angular alignment.

2. Technical Specifications

P/N	Material	System Size	Build Height	Weight	Weight Limit
5209C	Carbon Pylon	34mm	305mm	744g	227kg/500lbs
5212T	Titanium	34mm	15mm	744g	227kg/500lbs
5220T	Titanium	34mm	22mm	744g	227kg/500lbs

- **Recommended Torque:** Always cross tighten Alignment Set Screws
- **M10 Alignment Set Screw Torque (5212T):**
 - (Titanium): **20Nm**
- **M6 Cap Screw Torque (5212T):**
 - (Titanium): **7Nm**
- **Thread Locker:** Apply Loctite once alignment and connection are finalized
- **CAUTION:** Do not clamp the tube in a visa or similar device, as this may damage the tube

3. Safety & Environment

- **Temperature Range:** Between -20°C to 80°C (-4°F to 176°F).
- Rinse with clean water if exposed to salty, chlorinated, or otherwise potentially corrosive liquids.
- **Storage:** Store at room temperature; avoid wet, very hot, or extremely cold environments
- **Warranty:** 2 years, provided it is used as intended without modification, and only for the original intended user.
- Do not reuse on another prosthesis.
- **Conformity:** This product meets the requirements Council EU 2017/745 (MDR) for medical products. This product has been classified as a class I product according to the classification criteria outlined in appendix IX of the guidelines. Please keep this manual in safe place for future reference.



4. Reinforcement Recommendations

- The clinician is responsible for determining the adequate layup and reinforcement based on the specific patient's usage, activity level, and expected loading.

510T IFU REV. A(3-26-2026)
Specifications subject to change.