



Heavy Duty Tube Clamp 5212T

Instructions For Use



5212T

1. Application & Description

- This **34mm** adapter is exclusively for lower extremity prosthetic fittings up to **500lb** max weight limit.
- This is for Trans-Tibial fittings.
- Compatible only with 5209C 34mm Carbon pylon, 5220T Heavy Duty 4-Ear Connector with pyramid, and should be utilized with the 1150 SACH Foot.
- 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	Build Height	Weight	Weight Limit
5212T	Titanium	18mm	167g	227kg/500lbs

- **System Size:** 34mm
- **Recommended Torque:** Always cross tighten Alignment Set Screws
- **M10 Alignment Set Screw Torque:**
 - (Titanium): **20Nm**
- **M6 Cap Screw Torque:**
 - (Titanium): **7Nm**
- **Thread Locker:** Apply Loctite once alignment and connection are finalized.

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.

5212T IFU REV. E (3-14-2026)

Specifications subject to change.