

A&U MED[®]



TENSION BAND PIN SYSTEM

ACUMED®

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Since 1988, Acumed has been designing solutions for the demanding situations facing orthopedic surgeons, hospitals and their patients. Our Tension Band Pin System provides an innovative solution for Patella, Olecranon, Proximal Humeral, and Malleolar fractures without K-Wire irritation and migration.

While tension band pinning with K-Wires is a well-accepted form of fixation, doctors have voiced their frustration around the post-surgical complications associated with these pins. Often, patient care is impacted and a secondary procedure is required to address prominence of the K-Wire at the insertion site and/or migration of the pin out of the bone. Acumed recognized these problems and has developed the first interlocking system designed to provide low profile, secure fixation.



Features and Benefits

⊕ Secure

Passing the wire through the Eyelet produces both effective fracture reduction and secure anchoring of pins, eliminating migration or back out.

⊕ Non-irritating

Low profile head minimizes tissue irritation.

⊕ Straightforward Application

- Minimal instrumentation
- Point & drill technique for pin placement
- Sterile Packed

⊕ Versatile

Stainless steel pins in 50, 70, and 90mm lengths

Surgical Technique



Step 1:
Using a K-Wire Driver, insert the Tension Band Pins through the triceps attachment, aligning the pins in a parallel arrangement with the eyelets 5mm proud.



Step 2:
Pass a 16 gauge or smaller stainless cerclage wire through both pins and the bone in a figure 8 application. If passing the wire under the triceps tendon, a 12 gauge needle may be inserted through the tendon to help line up the eyelets and pass the wire.



Step 3:
Seat the head of the tension band pins into the bone with the punch included in the kit.



Step 4:
After tightening the wire to achieve the desired reduction, use forceps to break the tail from the Tension Band Pins and cut trocar ends to length as necessary.