The Fully Threaded Family of Soft Tissue Repair Anchors

Cortical and Cancellous Fixation with FiberWire® Composite Suture for Superior Repair Strength
The Gold Standard In Suture Anchor Design

Cortical Purchase
Implant thread purchase in cortical/subchondral bone provides tighter, more secure fixation in soft bone, resulting in superior pull-out strength and less chance for implant micromotion and potential loosening, compared to earlier generation anchors that do not have a continuous thread running the entire length of the implant. The chamfered inner top edge of the implant protects the attached suture from the possibility of bone abrasion and failure.

Recessed Suture Eyelet
The recessed eyelet, made from high strength composite FiberWire suture, is self-aligning and provides a friction-free surface for the attached suture allowing easy advancement of sliding knots. Independent published testing in peer reviewed journals shows that suture eyelets are superior to traditional polymer or metal eyelets with respect to reduced chance of abrasion and failure of the attached suture and polymer eyelet cutout.

Internal Driver
The male internal driver, in the fully threaded suture anchors, provides a torque-to-failure that is up to three times higher than traditional female hex head driver designs. This eliminates the potential for unrecognized implant hex head failure and loss of fixation during the critical postoperative healing phase, and all but eliminates the need to tap, resulting in less "fiddle-factor" and reduced operative time.
The Gold Standard In Suture Anchor Design

Innovative features developed over the years, such as the TigerTail® design, allow the surgeon to easily identify suture strands - resulting in improved suture management. The 5.5 mm titanium Corkscrew FT is available with three #2 FiberWire sutures, allowing more suture passes in tissue for higher strength.

**FiberWire Design**

FiberWire is the original high strength composite suture with over ten years of clinical success. One of the key design differences of FiberWire is the longitudinal core of ultra-high molecular weight polyethylene fibers that provides higher strength, greater abrasion resistance and less creep or stretch than other so called high strength sutures. Our history of development and continual improvement has resulted in a high strength suture that is considered the "gold standard" in the industry, with a long successful clinical history.

**FiberWire Options**

Innovative features developed over the years, such as the TigerTail® design, allow the surgeon to easily identify suture strands - resulting in improved suture management. The 5.5 mm titanium Corkscrew FT is available with three #2 FiberWire sutures, allowing more suture passes in tissue for higher strength.

**Size and Material Matters**

The fully threaded family of anchors is available in 4.5 mm, 5.5 mm and 6.5 mm sizes in bioabsorbable polymer, titanium, BioComposite™ and a nonabsorbable PEEK polymer. The extensive size range allows surgeons the option to perform double row cuff repairs without implant crowding and provides options for revisions. The variety of implant materials allows the surgeon to choose the ideal material to best fit the patient's needs.
**Superior load-to-failure and increased torque resistance with significantly less cyclic displacement**

**Bio-Corkscrew FT**
Biomechanical testing was performed comparing average load-to-failure and cyclic displacement of the Bio-Corkscrew FT to the Mitek Healix™ BR anchor on a matched pair of cadaveric specimens. (see charts 1 and 2)

**Corkscrew FT II**
Biomechanical testing was performed comparing average load-to-failure of the Corkscrew FT II to the Smith & Nephew TwinFix Ti, 5.0 mm and the Mitek metal FASTIN RC. (see chart 3)

**4.5 mm Bio-Corkscrew FT**
The abrasion resistance of the 4.5 mm Bio-Corkscrew FT eyelet has a mean of 8193 cycles.

**Torque Testing**
Mechanical testing was performed, comparing the average torque-to-failure of the 5.5 mm BioComposite Corkscrew FT and the 5.5 mm Mitek Healix™ BR to evaluate the internal drive design. (see chart 4)
## Ordering Information

### BioComposite Corkscrew FT Anchors:
- BioComposite Corkscrew FT Suture Anchor, w/two #2 FiberWire, 4.5 mm x 14 mm  AR-1927BCF-45
- BioComposite Corkscrew FT Suture Anchor, vented w/three #2 FiberWire, 5.5 mm x 14.7 mm  AR-1927BCF-3
- BioComposite Corkscrew FT Suture Anchor w/Needles, vented w/two #2 FiberWire, 5.5 mm x 14.7 mm  AR-1927BCNF
- BioComposite Corkscrew FT Suture Anchor, vented w/two #2 TigerTail, 5.5 mm x 14.7 mm  AR-1927BCFT
- BioComposite Corkscrew FT Suture Anchor, vented w/two #2 FiberWire, 6.5 mm x 14.7 mm  AR-1927BCF-65

### Bio-Corkscrew FT Anchors:
- Bio-Corkscrew FT Suture Anchor, w/two #2 FiberWire, 4.5 mm x 14 mm AR-1927BF-45
- Bio-Corkscrew FT Suture Anchor w/Needles, w/two #2 FiberWire, 4.5 mm x 14 mm AR-1927BNF-45
- Bio-Corkscrew FT Suture Anchor, vented w/two #2 FiberWire, 5.5 mm x 14.7 mm AR-1927BF
- Bio-Corkscrew FT Suture Anchor w/Needles, w/two #2 FiberWire, 5.5 mm x 14.7 mm AR-1927BNF
- Bio-Corkscrew FT Suture Anchor, w/two #2 TigerTail, 4.5 mm x 14 mm AR-1927BFT
- Bio-Corkscrew FT Suture Anchor, vented w/two #2 TigerTail, 5.5 mm x 14.7 mm AR-1927BFT
- Bio-Corkscrew FT Suture Anchor, vented w/FiberChain, 5.5 mm x 14.7 mm AR-1927BFC
- Bio-Corkscrew FT Suture Anchor, vented w/FiberChain and #2 FiberWire, 5.5 mm x 14.7 mm AR-1927BFCF
- Bio-Corkscrew FT Suture Anchor, vented w/two #2 FiberWire and Scorpion Needle, 5.5 mm x 14.7 mm AR-1927 BFS
- Bio-Corkscrew FT Suture Anchor w/four NeedlePunch Needles, vented w/two #2 FiberWire, 5.5 mm x 14.7 mm (ideal for mini open procedures) AR-1927BNP4
- Bio-Corkscrew FT Suture Anchor, vented w/three #2 FiberWire, 5.5 mm x 14.7 mm AR-1927BF-3
- Bio-Corkscrew FT Suture Anchor, vented w/two #2 FiberWire, 6.5 mm x 14.7 mm AR-1927BF-65

### Corkscrew FT Anchors:
- Corkscrew FT II Suture Anchor, w/two #2 FiberWire, 4.5 mm x 14 mm AR-1928SF-45
- Corkscrew FT II Suture Anchor, w/two #2 FiberWire, 5.5 mm x 16.3 mm AR-1928SF-2
- Corkscrew FT II Suture Anchor w/Needles, w/two #2 FiberWire, 5.5 mm x 16.3 mm AR-1928SNF-2
- Corkscrew FT II Suture Anchor, vented w/two #2 TigerTail, 5.5 mm x 16.3 mm AR-1928SFT-2
- Corkscrew FT II Suture Anchor, vented w/three #2 FiberWire, 5.5 mm x 16.3 mm AR-1928SF-3
- Corkscrew FT II Suture Anchor, vented w/three #2 FiberWire, 6.5 mm x 16.3 mm AR-1929SF-3

### PEEK Corkscrew FT Anchors:
- PEEK Corkscrew FT Suture Anchor, w/two #2 FiberWire, 4.5 mm x 14 mm AR-1927PF-45
- PEEK Corkscrew FT Suture Anchor w/Needles, w/two #2 FiberWire, 4.5 mm x 14 mm AR-1927PFN-45
- PEEK Corkscrew FT Suture Anchor, w/two #2 FiberWire, 5.5 mm x 14.7 mm AR-1927PSF
- PEEK Corkscrew FT Suture Anchor, vented w/three #2 FiberWire, 5.5 mm x 14.7 mm AR-1927PSF-3
- PEEK Corkscrew FT Suture Anchor, vented w/two #2 FiberWire, 6.5 mm x 14.7 mm AR-1927PSF-65

### Required Instrumentation for FT Anchors:
- Punch/Tap for Corkscrew FT, 5.5 mm and 5.5 mm SwiveLock AR-1927CTB
- Punch, for 5.5 mm Corkscrew FT and 5.5 mm SwiveLock AR-1927PB
- Punch, for 4.5 mm PushLock and 4.5 mm Corkscrew FT AR-1922P
- Corkscrew FT Combo Punch/Tap, 4.5 mm AR-1927PTB-45

### Optional Instruments:
- Disposable Punch, for 4.5 mm PushLock and 4.5 mm Corkscrew FT AR-1922PBS
- Disposable Punch, for 5.5 mm Corkscrew FT and 5.5 mm SwiveLock AR-1927PBS
- Spade Tip Drill, for 5.5 mm Corkscrew FT, 4.75 mm and 5.5 mm SwiveLock AR-1927D