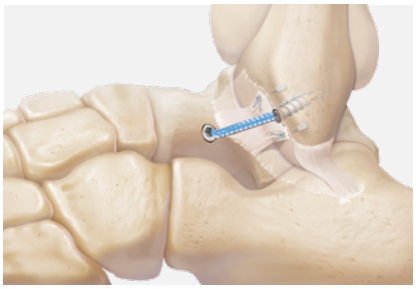
Distal Extremity Anchors

Arthrex®

DX FiberTak® Suture Anchors

The DX FiberTak product line consists of all-suture anchors loaded with FiberWire or SutureTape suture. Bone removal is minimized prior to implantation because the DX FiberTak anchor requires only a 1.35 or 1.6 mm bone tunnel. Despite its small profile, the DX FiberTak maintains a high pull-out strength and is therefore the ideal anchor for any soft-tissue repair. The ergonomic handle makes it easy to insert and place the DX FiberTak suture anchor.

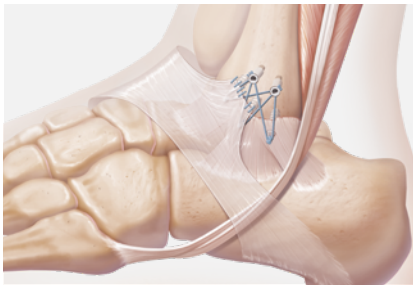


DX SwiveLock® Anchors

The DX SwiveLock product line consists of fully threaded, twist-in knotless anchors. Designed for use with FiberWire suture, FiberTape, SutureTape, and soft-tissue grafts in repair and reconstruction techniques, these anchors are versatile and easy to use. Closed and forked eyelet options are available. Tension is visualized, adjusted, and locked into position with the SwiveLock anchor body.

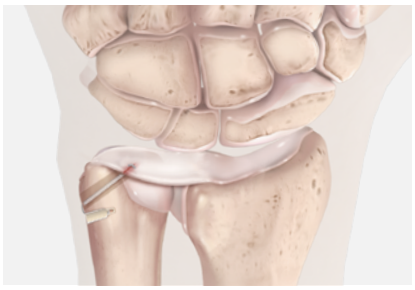
SutureTak® Anchors

The SutureTak family of tap-in anchors allows for straightforward insertion. Predrill, tap the anchor into place, and secure the soft tissues with the preloaded FiberWire suture. SutureTak anchors are available in absorbable BioComposite material. The suture eyelet maintains its strength throughout most of the degradation cycle and eliminates abrasion during knot tying.



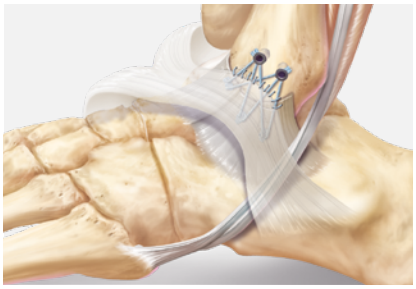
PushLock® Anchors

The 2.5 and 2.9 mm PushLock suture anchors enable precise manual tissue tensioning and offer safe and knotless fixation of ligaments to the bone. Accommodating sutures ranging in size from #4-0 FiberWire to 1.5 mm LabralTape suture, this 2-piece anchor enables a no-profile repair that is quick and straightforward. PushLock anchors are available in absorbable BioComposite and nonabsorbable PEEK materials.



Corkscrew® Anchors

The family of fully threaded titanium Corkscrew suture anchors was designed for high fixation strength and simple insertion. An internal drive mechanism is combined with a unique FiberWire suture eyelet to allow for continuous threads along the entire length of the anchor. The anchor sits flush with the cortical bone surface, providing strong fixation.



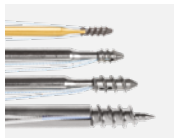
Arthrex Anchors at a Glance

Titanium Anchors

Material:
Titanium

Titanium Corkscrew® FT Anchors — Actual Size

1.7 mm × 5 mm Nano Corkscrew® FT anchor
2.2 mm × 4 mm Micro Corkscrew® FT anchor
2.7 mm × 7 mm Mini Corkscrew® FT anchor
3.5 mm × 10 mm Corkscrew® FT anchor

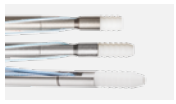


Absorbable Anchors

Material:
Biocomposite (PLDLA + ß-TCP)

BioComposite SutureTak® Anchors

2.4 mm × 6.5 mm Micro SutureTak® anchor
2.4 mm × 8.5 mm Mini SutureTak® anchor
3 mm × 14 mm small-joint SutureTak® anchor



BioComposite PushLock® Anchors

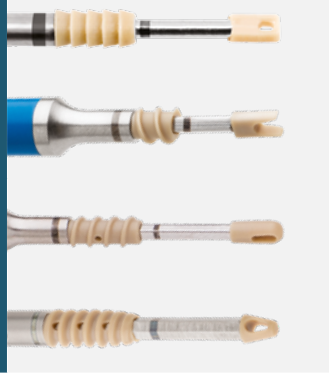
2.5 mm × 8 mm PushLock® anchor
2.9 mm × 12.5 mm PushLock® anchor

BioComposite Corkscrew® FT Anchor

4.5 mm × 14 mm Corkscrew® FT anchor

Nonabsorbable Anchors

Material:
PEEK (polyetheretherketone)

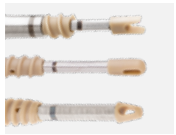


PEEK PushLock® Anchor

2.5 mm × 8 mm PushLock® anchor

PEEK SwiveLock® Anchors

3.5 mm × 8.5 mm DX SwiveLock® SL anchor
3.5 mm × 13.5 mm DX SwiveLock® anchor
4.75 mm × 16.1 mm DX SwiveLock® anchor

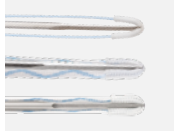


All-Suture Anchors

Material:
UHMWPE (ultra-high-molecular-weight polyethelene)

FiberTak® Anchors

1.35 or 1.6 mm DX FiberTak® suture anchor
1.35 or 1.6 mm DX FiberTak® SutureTape anchor
1.35 or 1.6 mm DX FiberTak®, double loaded



*Internal*Brace™ 2.0 Ligament Augmentation Repair – Foot and Ankle

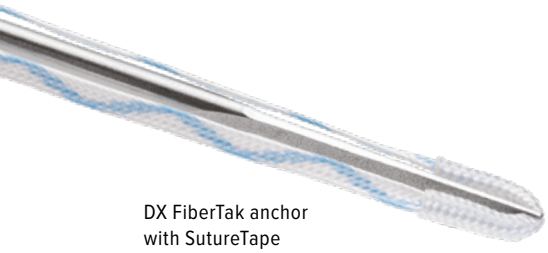
- Optimized instrumentation
- Drill, tap, and implant through the talus offset guide
- Accelerated rehabilitation for ankle instability[1]
- Biomechanically superior to standard Brostrom repair[2]

*Internal*Brace™ Ligament Augumentation Repair Kit, PEEK

Product Description	Item Number
SwiveLock® anchors, PEEK, 4.75 mm / 3.5 mm, with FiberTape® suture Drill, 2.7 mm Drill, cannulated, 2.7 mm Drill, 3.4 mm Drill, cannulated, 3.4 mm Drill guide, with metal insert for talus Drill guide, with metal insert Bone tap Guide wire, with trocar tip Guide wire sleeve Suture passing wire Free needle	AR-**1778P-CP**

DX FiberTak® Anchors and Disposables Kit

Product Description	Item Number
DX FiberTak® anchor, double-loaded with 0.9 mm SutureTape	AR-**8990ST-2**
DX FiberTak® anchor, with SutureTape	AR-**8990ST**
DX FiberTak® disposables kit	AR-**8990DS**



DX FiberTak anchor with SutureTape

*Internal*Brace™ 2.0 Ligament Augmentation Repair – Hand and Wrist

- Time-tested SwiveLock anchor and SutureTape technology
- Proven to be 4 times stronger than a repair alone[3]
- Return patients to activity faster with the potential for an accelerated rehab protocol[2]

Hand and Wrist *Internal*Brace™ Ligament Augmentation Repair System

Product Description	Item Number
DX SwiveLock® SL anchor, with forked eyelet, 3.5 mm × 8.5 mm, qty. 2 Drill bit, for all-suture constructs, cannulated, 3 mm Drill bit, for all constructs with graft incorporation, cannulated, 3.5 mm Guide wire, with laser marking, 1.35 mm, qty. 3 Tendon sizer, 2 and 2.5 mm #2-0 FiberLoop® suture, with tapered needle, qty. 2 SutureTape suture	AR-**8978-CP**

SwiveLock® Anchor and Disposables Kit

Product Description	Item Number
DX SwiveLock® SL anchor, 3.5 mm × 8.5 mm	AR-**8978P**
DX SwiveLock® SL disposable kit	AR-**8978DS-01**
Suture	
SutureTape	AR-**7500**
#2-0 FiberLoop® suture, with tapered needle	AR-**7232-05**
#3-0 FiberWire® suture, with tapered needle	AR-**7227-01**

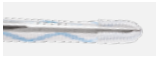
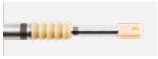
The *Internal*Brace surgical technique is intended only to augment the primary repair/reconstruction by expanding the area of tissue approximation during the healing period and is not intended as a replacement for the native ligament. The *Internal*Brace technique is for use during soft-tissue-to-bone fixation procedures and is not cleared for bone-to-bone fixation.

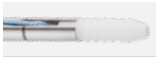
3.5 mm × 8.5 mm DX SwiveLock SL anchor

Anchor Reference Chart

Nano Anchor	
Anchor	Nano Corkscrew® FT
Product Number	AR-**1317FT**
Inner Dimension	1.1 mm × 5 mm
Outer Dimension	1.7 mm × 5 mm
Suture Size	#3-0
Number of Sutures	1 with needles
Drill Size	1.35 and 1.6 mm
Material	Titanium
Drill Included	Yes

Micro Anchors			
Anchor	Micro Corkscrew® FT	Micro Corkscrew® FT	Micro BioComposite SutureTak®
Product Number	AR-**1318FT-40**	AR-**1318FT**	AR-**1320BCNF**
Inner Dimension	1.6 mm × 4 mm	1.6 mm × 4 mm	1.8 mm × 6.5 mm
Outer Dimension	2.2 mm × 4 mm	2.2 mm × 4 mm	2.4 mm × 6.5 mm
Suture Size	#4-0	#2-0	#2-0
Number of Sutures	1 with needles	1 with needles	1 with needles
Drill Size	1.1 and 1.7 mm	1.1 and 1.7 mm	1.8 and 2 mm
Material	Titanium	Titanium	BioComposite
Drill Included	Yes	Yes	No (order AR-**1320DSC**)

Mini Anchors							
Anchor	DX FiberTak®	DX FiberTak® Suture	DX FiberTak® Suture	Mini BioComposite SutureTak®	Mini BioComposite PushLock®	Mini PEEK PushLock®	Mini Corkscrew® FT
Product Number	AR-**8990**	AR-**8990ST**	AR-**8990ST-2**	AR-**1322BCNF**	AR-**8825BC**	AR-**8825P**	AR-**1319FT**
Inner Dimension	N/A	N/A	N/A	1.8 mm × 8.5 mm	1.5 mm × 8 mm	1.5 mm × 8 mm	2 mm × 7 mm
Outer Dimension	N/A	N/A	N/A	2.4 mm × 8.5 mm	2.5 mm × 8 mm	2.5 mm × 8 mm	2.7 mm × 7 mm
Suture Size	#1	1.3 mm SutureTape	0.9 mm SutureTape	#2-0	2 of either #2-0 or #0 suture*	2 of either #2-0 or #0 suture*	#2-0
Number of Sutures	1 with needles	1 with needles	2 with needles	1 with needles	N/A	N/A	1 with needles
Drill Size	1.35 and 1.6 mm	1.35 and 1.6 mm	1.35 and 1.6 mm	1.8 and 2 mm	1.8 and 2 mm	1.8 and 2 mm	1.8 and 2.2 mm
Material	UHMWPE	UHMWPE	UHMWPE	BioComposite	BioComposite	PEEK	Titanium
Drill Included	No (order AR-**8990DS**)	No (order AR-**8990DS**)	No (order AR-**8990DS**)	No (order AR-**1322DSC**)	No (order AR-**1322DSC**)	No (order AR-**1322DSC**)	Yes

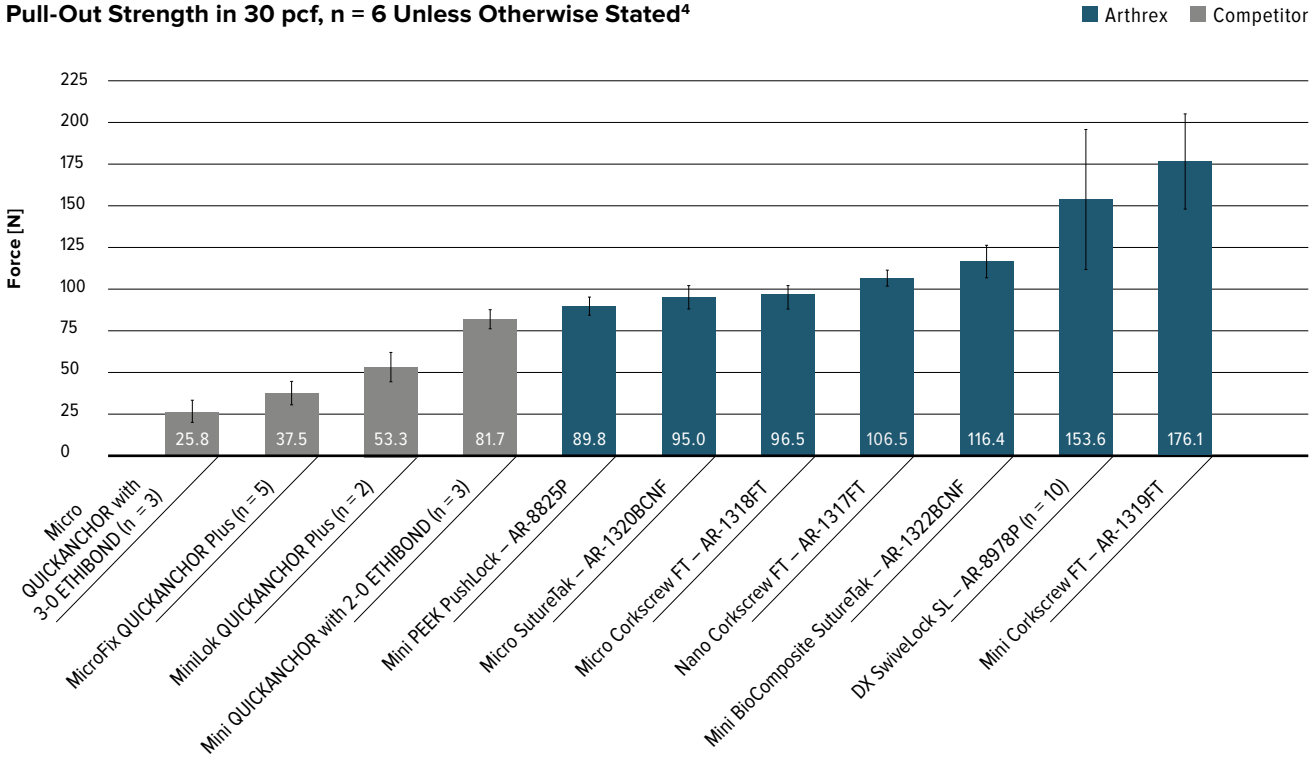
Medium Anchors							
Anchor	BioComposite PushLock®	Small Joint BioComposite SutureTak®	Small Joint BioComposite SutureTak®	Corkscrew® FT	Corkscrew® FT	DX SwiveLock® SL (forked eyelet)	DX SwiveLock® (closed eyelet)
Product Number	AR-**8923BC**	AR-**8934BCNF-00**	AR-**8934BCNF**	AR-**1915FT**	AR-**1915FT-2**	AR-**8978P**	AR-**8979P**
Inner Dimension	2.3 mm × 12 mm	2.2 mm × 14 mm	2.2 mm × 14 mm	2.5 mm × 10 mm	2.5 mm × 10 mm	2.7 mm × 8.5 mm	2.7 mm × 13.5 mm
Outer Dimension	2.9 mm × 12 mm	3 mm × 14 mm	3 mm × 14 mm	3.5 mm × 10 mm	3.5 mm × 10 mm	3.5 mm × 8.5 mm	3.5 mm × 13.5 mm
Suture Size	2 of either #2-0 or #0 suture*	#0	#1	#0	#1	Up to one 2 mm graft	#0 or larger
Number of Sutures	N/A	2 with needles	1 with needles	2 with needles	1 with needles	N/A	N/A
Drill Size	2.8 and 2.9 mm	2.4 mm	2.4 mm	2.3 mm K-wire	2.3 mm K-wire	3 and 3.5 mm	3 and 3.4 mm
Material	BioComposite	BioComposite	BioComposite	Titanium	Titanium	PEEK	PEEK
Drill Included	No (order AR-**8923DSC**)	No (order AR-**8934DSC**)	No (order AR-**8934DSC**)	Yes	Yes	No (order AR-**8978DS-01**)	No (order AR-**8979DS**)

Large Anchors		
Anchor	BioComposite Corkscrew® FT	DX SwiveLock®
Product Number	AR-**8927BC**	AR-**8980P-1**
Inner Dimension	3.4 mm × 15 mm	3.4 mm × 16.1 mm
Outer Dimension	4.5 mm × 15 mm	4.75 mm × 16.1 mm
Suture Size	#1	#0* or larger
Number of Sutures	1 with needles	N/A
Drill Size	3.5 mm drill, tap	3.4 mm
Material	BioComposite	PEEK
Drill Included	No (order AR-**8927DSC**)	No (order AR-**8980DS** or AR-**8980DSC**)

*Sold separately

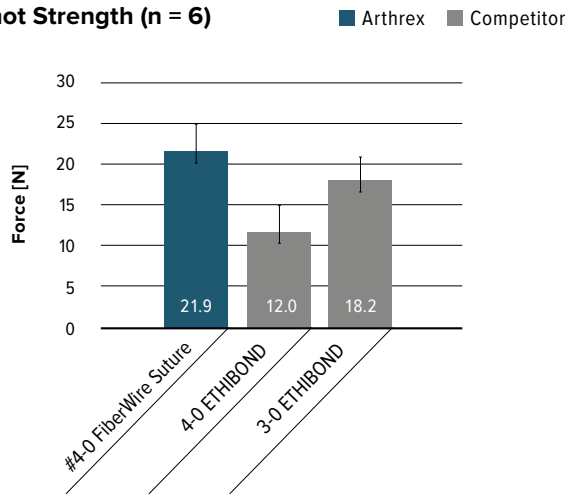
Pull-Out Strength

Pull-Out Strength in 30 pcf, n = 6 Unless Otherwise Stated[4]



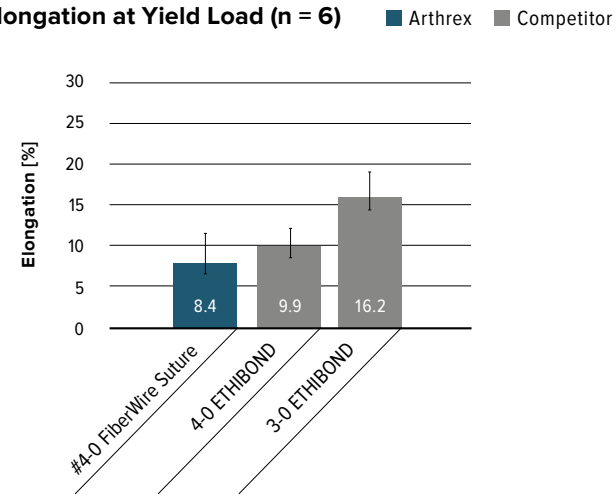
When comparing #4-0 FiberWire sutures to #4-0 and #3-0 ETHIBOND*, FiberWire sutures had significantly higher knot pull strength.[5]

Knot Strength (n = 6)



When comparing #4-0 FiberWire sutures to #4-0 and #3-0 ETHIBOND, FiberWire sutures had a significantly lower percentage of elongation at yield load.[5]

Elongation at Yield Load (n = 6)



References

1. Coetzee JC, Ellington JK, Ronan JA, Stone RM. *Functional results of open Brostrom ankle ligament repair augmented with a suture tape.* Foot Ankle Int. 2018;39(3):304-310. doi:10.1177/1071100717742363.
2. Viens NA, Wijdicks CA, Campbell KJ, Laprade RF, Clanton TO. *Anterior talofibular ligament ruptures, part 1: biomechanical comparison of augmented Broström repair techniques with the intact anterior talofibular ligament.* Am J Sports Med. 2014;42(2):405-411. doi:10.1177/0363546513510141.
3. Shin S, van Eck CF, Uquilas C. *Suture tape augmentation of the thumb ulnar collateral ligament repair: a biomechanical study.* J Hand Surg Am. 2018;43(9):868. doi:10.1016/j.jhsa.2018.02.002.
4. Arthrex, Inc. Data on file (APT 870, 1122, 1250, 1222, 1611, 2277, 2757, 2791A, 03465). Naples, FL; 2004-2017.
5. Arthrex, Inc. Data on file (APT 2696). Naples, FL; 2015.

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