FastThread™
BioComposite Interference Screws

A NEW TURN IN ACL FIXATION
**FastThread™ Screw: New Design for Better Performance**

**Faster Insertion**
Prominent leading thread and large thread pitch facilitate screw engagement and advancement.

**Strength**
Optimized screw threads improve pullout strength vs longer screws of the same diameter.¹

**Less Material**
Vented sidewalls and screw geometry decrease material by 22% without losing insertion of fixation strength.²

**Graft Protection**
Rounded thread and head design may reduce damage to graft on insertion and cycling. Decreased number of screw threads reduces turns and possible graft abrasion and twisting. (20 mm screws are packaged with an insertion sheath.)

**Solid Clinical History**
Arthrex’s proprietary biocomposite material has withstood the test of time with more than a decade of clinical use and millions of implantations.²

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**Biocomposite Material**

**FastThread interference screws** are made of time-tested material with more than a decade of clinical history and successful implantation.³

**Biphasic calcium phosphate (BCP)** is a known osteoconductive material that provides both the superior balance of osteoblast adhesion and proliferation over hydroxyapatite (HA) and beta-tricalcium phosphate (β-TCP). This results in controlled solubility and release of calcium ions, promoting more natural and balanced osteogenesis.

**Amorphous poly(L-lactide-co-D, L-lactide) acid (PLDLA)** absorbs predictably over time and greatly reduces the chance of osteolytic lesions observed in rapidly degrading screws with PGA-type polymers. PLDLA has a long track record as a safe, biodegradable polymer.³

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**Biomechanical Strength**¹

CT (B) and histologic images (A) of animal ACL graft constructs show that the BioComposite interference screw has new bone (arrow) within the screw site and is well integrated into the surrounding bone. Bony ingrowth (C) seen through screw vents and cannulation at 4 months.

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**S&N Regenesorb™ Screw 8 mm × 20 mm**

**Arthrex BioComposite Screw 8 mm × 23 mm**

**Arthrex FastThread Screw 8 mm × 20 mm**
20 mm Length
Available in 6 mm to 10 mm diameters.
Ideal for patella tendon graft fixation.

30 mm Length
Available in 7 mm to 12 mm diameters.
Ideal for tibial fixation of soft tissue and patella tendon grafts.

Instrumentation

FastThread™ BioComposite interference screws use Arthrex’s unique hexalobe design along the entire length of the screw to maximize transfer of torque and reduce screw stripping. 7 mm to 12 mm screws can be used with existing biocomposite screwdrivers.

Note: The 6 mm FastThread screw uses the trilobe driver AR-4019D-1.

FastThread taps and drivers are available in fixed handle, quick connect, and flexible options. Drivers are available in a one-size-fits-all design and are 20 mm-specific.
Ordering Information

**Implants**

**FastThread™ BioComposite Interference Screws**
- 6 mm × 20 mm (used with 6 mm driver)  AR-4020C-06
- 7 mm-10 mm × 20 mm screws  AR-4020C-07 – 10
- 7 mm-12 mm × 30 mm crews  AR-4030C-07 – 12

**Instruments**

**Drivers for 7 mm-12 mm screws**
- Fixed Handle Driver (for 20 mm and 30 mm screws)  AR-1996CD
- Quick Connect Driver (for 20 mm and 30 mm screws)  AR-1996CD-1
- Fixed Handle Driver (for 20 mm screws only)  AR-4020D
- Quick Connect Driver (for 20 mm screws only)  AR-4020D-1
- Flexible Shaft Quick Connect Driver (for 20 mm screws only)  AR-4020DF
- Non-Ratcheting Screwdriver Handle  AR-1999NR
- Ratcheting Screwdriver Handle  AR-1999

**Drivers for 6 mm × 20 mm screw**
- Fixed Handle Driver  AR-4019D
- Quick Connect Driver Shaft  AR-4019D-1

**Taps**

- Fixed Handle Taps, 6 mm-10 mm  AR-4020HT-06 – 10
- Quick Connect Tap Shafts, 6 mm-10 mm  AR-4020T-06 – 10
- Flexible Quick Connect Tap Shafts, 6 mm-10 mm  AR-4020TF-06 – 10

**Instrument Case**

- Instrument Case  AR-1996C

**Accessories**

- Tunnel Notcher for Bio-Interference Screws  AR-1845
- Cannulated Dilator (for 23 mm biocomposite screws) 6 mm-8 mm  AR-1377C-06 – 08
- BioComposite Interference Screw Driver Shaft, long, quick connect  AR-1996CDL-1
- Reamer Handle and Pin Puller  AR-1415
- Nitinol Guide Pin for Bio-Interference Screws, 1 mm  AR-1249

**References**


This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product’s Directions For Use. Postoperative management is patient specific and dependent on the treating professional’s assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

View U.S. patent information at www.arthrex.com/corporate/virtual-patent-marking

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