

FastThread[™] Interference Screws

Product Highlights

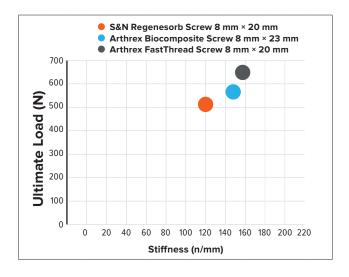
BioComposite FastThread screws are a completely new design with a larger and more prominent thread pitch to facilitate quick starting through fast and easy insertion. These vented screws reduce material by 22% and, in an animal study, were shown to allow bony ingrowth.² Screws come in 20 mm and 30 mm lengths and offer superior strength on insertion as well as in biomechanical testing.³

Features and Benefits

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

- Less Material: Vented sidewalls and screw geometry decrease material by 22% without losing insertion or fixation strength^{1,3}
- Proven Outcomes: 98% resorption and replacement with bone; no tunnel widening at 2 to 5 years⁴
- Strength: Optimized screw threads improve pullout strength versus longer screws of the same diameter⁵
- Graft Protection: Threads designed to minimize friction against the graft and a rounded end to protect the graft at aperture (20 mm screws are packaged with an insertion sheath)
- Solid Clinical History: Arthrex's proprietary biocomposite material has withstood the test of time with over a decade of clinical use and millions of implantations⁵
- Versatile: Available in biocomposite and PEEK materials and compatible with the new family of SlapDriver interference screwdrivers

Biomechanical Performance³





References

- Arthrex, Inc. Data on file (Engineering department calculation of volume). Naples, FL; 2018.
- 2. Arthrex, Inc. LA1-00096-EN A. Naples, FL; 2018.
- $3. \ \, \text{Arthrex, Inc. LA1-00099-EN_A. Naples, FL; 2018.}$
- Scrivens B, Kluczynski MA, Fineberg MS, Bisson LJ. Computed tomography imaging of biocomposite interference screw after ACL reconstruction with bonepatellar tendon-bone graft. Orthop J Sports Med. 2021;9(5):23259671211006477. doi:10.1177/23259671211006477
- 5. Arthrex, Inc. LA1-0199-EN_F. Naples, FL; 2020.



Ordering Information

Implants

| Product Description | Item Number |
|---|---------------------------------|
| FastThread™ BioComposite Interference Screws | |
| FastThread BioComposite Interference Screw, 6 mm × 20 mm (used w/ 6 mm driver) | AR- 4020C-06 |
| 20 mm FastThread BioComposite Screw (available in diameters of 7 mm-10 mm) | AR- 4020C-07 – 10 |
| 30 mm FastThread BioComposite Screw (available in diameters of 7 mm-12 mm) | AR- 4030C-07 – 12 |
| FastThread PEEK Interference Screws | |
| FastThread PEEK Interference Screw, 6 mm × 20 mm (used w/ 6 mm driver) | AR- 4020P-06 |
| 20 mm FastThread PEEK Interference Screw (available in diameters of 7 mm-10 mm) | AR- 4020P-07 – 10 |
| 30 mm FastThread PEEK Interference Screw (available in diameters of 7 mm-12 mm) | AR- 4030P-07 – 12 |

Instruments

| Product Description | Item Number |
|---|----------------------|
| Ratcheting SlapDriver | |
| SlapDriver, ratcheting quick connect handle | AR- 1999SD |
| Quick Connect Drivers | |
| Quick Connect Driver, for 20 mm and 30 mm screws, hexalobe | AR- 1996CD-1 |
| Quick Connect Driver, for 20 mm-length screws only, hexalobe | AR- 4020D-1 |
| Quick Connect Driver, extended-length shaft, hexalobe | AR- 1996CDL-1 |
| Flexible Quick Connect Driver, for 20 mm-length screws only, hexalobe | AR- 4020DF |
| Quick Connect Driver, for 6 mm-diameter screws only, trilobe | AR- 4019D-1 |
| Fixed SlapDrivers | |
| SlapDriver, fixed, for 20 mm and 30 mm lengths only, hexalobe | AR- 1996SD |
| SlapDriver, fixed, for 20 mm-length screws only, hexalobe | AR- 4020SD |
| SlapDriver, fixed, for 6 mm-diameter screws only, trilobe | AR- 4019SD |

Other Instruments

| Product Description | Item Number |
|---|-------------------|
| Interference Screw Insertion Kit (includes dilator and 1.1 mm trocar-tip guidewire) | AR- 1249TK |
| Trocar-Tip Guidewire, 1.1 mm (w/o dilator) | AR- 1249T |

Taps

| Product Description | Item Number |
|---|----------------------------------|
| 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 |

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