BIOTEK

Product Bulletin

Issue No. 037 | PB037/November/25

FIBERKNOT® 1.2 mm

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EU-MDR

The **Biotek FIBERKNOT® 1.2 mm** anchor is a next-generation fixation solution engineered for precision in **small-joint procedures,** where strength, reliability, and minimal footprint are essential. Designed for streamlined surgical workflow, the **FIBERKNOT®** features an integrated **drill bit and slotted sleeve,** enabling efficient placement and secure cortical engagement. To meet a wide range of soft-tissue repair needs, the **FIBERKNOT® 1.2 mm** is offered in **two suture configurations,** each supplied **pre-loaded with needles** for surgical convenience:

- **USP 2-0 BIOFIBER® Suture**
- **BIOFIBER® Tape (0.7 mm)**

Together, these configurations provide surgeons with versatile, high-performance options for achieving dependable fixation in delicate anatomical spaces.

Anchor Anatomy:

- Small 1.2mm Fiberknot body. Length 5.0mm
- Ultimate Load to Failure is 75N
- Stainless steel shaft
- Laser depth marking
- Equipped with needles

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Key Features and Benefits:

Ultra–Low Profile 1.2 mm Design
- Minimizes bone removal and preserves bone stock in small joints.
- Allows placement in tight anatomical spaces without compromising stability.

All-Suture Anchor Construction
- Expands within the bone to create strong fixation with a minimal footprint.
- Reduces risk of bone damage compared to larger, hard-material anchors.

Integrated Drill Bit and Slotted Sleeve
- Simplifies preparation and deployment.
- Ensures consistent drilling depth and controlled anchor placement.
- Helps streamline the procedure by reducing instrument changes.

Three Pre-Loaded Suture Options
- USP 2-0 **BIOFIBER®** Suture
- **BIOFIBER®** Tape (0.7 mm)

All Configurations Include Needles
- Ready-to-use system that reduces setup time.
- Supports a wide range of stitch techniques and tissue types.

High-Strength BioFiber® Suture & Tape
- Offers excellent tensile strength for soft-tissue repairs.
- Tape option provides improved tissue compression and reduced cut-through risk.

Versatile Small-Joint Applications
- Suitable for hand, wrist, foot, ankle, and selected elbow procedures.
- Enables both primary repairs and reconstructions.

Reliable Fixation Mechanism
- Anchor deployment designed for consistent cortical engagement.
- Provides dependable pullout strength relative to size.

BIOFIBER®
Suture USP 2-0

BIOFIBER®
Tape (0.7 mm)

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Indications:

Hand & Wrist

- Scapholunate ligament repair/reconstruction
- Lunate–triquetral ligament repair
- Volar/dorsal capsular repairs
- TFCC (Triangular Fibrocartilage Complex) repairs
- Collateral ligament repairs of the fingers and thumb (e.g., UCL/RCL of MCP joints)
- Extensor and flexor tendon reattachments

Foot & Ankle

- ATFL (anterior talofibular ligament) repairs in selected small-footprint cases
- Deltoid ligament repairs
- Spring ligament reconstructions
- Toe and midfoot soft-tissue repairs

Elbow

- UCL repairs (when a small anchor is preferred)
- Lateral epicondylitis/tendon reattachment in low-profile scenarios

Ordering Information:

Cat Code	Description
10729	**FIBERKNOT®** Soft Ligament Anchor, loaded with 1 pc USP 2-0 Fiber with needle, Dia. 1.2mm
10731	**FIBERKNOT®** Soft Ligament Anchor, loaded with 1 pc Fiber tape size 0.7mm with needle, Dia. 1.2mm

Instruments:

Cat Code	Description
BAS-9150	Slotted sleeve for microvim and microvim pk ligament anchors
10124	Drill bit for **FIBERKNOT®** 1.2mm ligament anchor

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