



BIOTEK - Chetan Meditech Pvt. Ltd.

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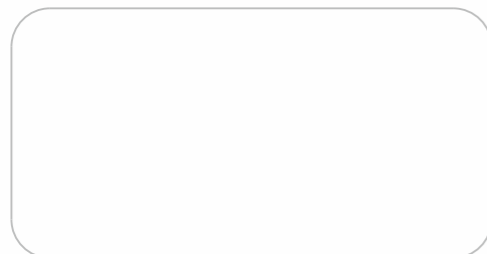
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An ISO 13485 : 2016 Company
All Implants specified in the catalogue are CE certified



Influential Designs: 093741 59337

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BT/AR/16, Rev.00



FOOT & ANKLE

Ligament Repair and Reconstruction Technology

www.biotekortho.com

Ligament Repair and Reconstruction

Ligament Augmentation Repair

The Ligament Augmentation implants comprise of VIMFIX®-LRP 4.75mm Ligament Anchor, MINI-VIM PK® 3.5mm Knotless Ligament Anchor, and BioFiber® Tape. The Ligament Augmentation implants can be used for repairing the ATFL for lateral ankle instability in conjunction with standard Brostrom repair, spring ligament, and deltoid ligament procedures. It can be utilized in cases with acute and chronic ankle sprains. The brace allows early rehabilitation and provides resistance against future injury



Ordering Information

BAS-9142.475F	VIMFIX®-LRP Ligament Anchor, PEEK, Knotless, Dia. 4.75mm
BAS-9192.35F	MINI-VIM PK® Ligament Anchor, PEEK, Knotless, Dia. 3.5mm
10090	BioFiber® Fiber Tape Size 2 with MO-6 needle, White-Blue, Len. 39"
10091	BioFiber® Fiber Tape Size 2 with MO-6 needle, White-Black, Len. 39"
BF-2ST	BioFiber® Fiber Tape Size 2, White-Blue, Len. 39"
BF-2BST	BioFiber® Fiber Tape, size 2 White-Black, Len. 39"

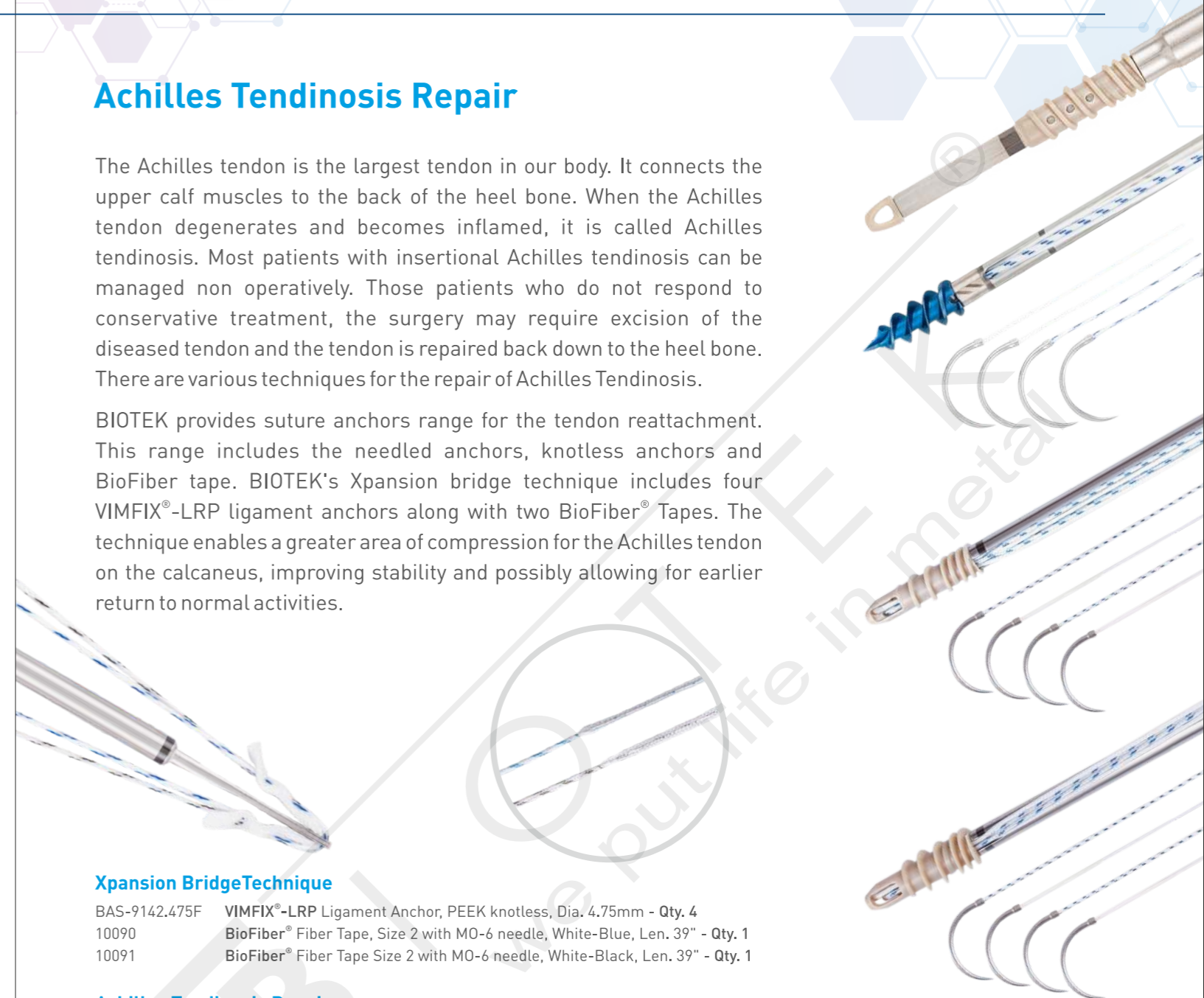
Related Instrumentation

VIMFIX®-LRP anchor	
10005	Drill bit, Dia. 3.5mm, Len. 100mm for VIMFIX®-LRP Ligament Anchor, Knotless- BAS-9142.475F
10006	Slotted Sleeve for Foot & Ankle Drill bits-10004 , 10005, 10067
10038	Tap for VIMFIX-PK® Dia. 4.5mm & 5.5mm and VIMFIX-LR® Dia. 4.75mm & 5.5mm
MINI-VIM® PK 3.5mm knotless	
10004	Drill bit, Cannulated, Dia. 2.8mm, Len. 100mm for MINI-VIM PK® Ligament Anchor, Knotless- BAS-9192.35F
10006	Slotted Sleeve for Foot & Ankle Drill bits-10004 , 10005, 10067
BAL-024	Threaded Guidewire Dia. 1.2mm, Len. 180mm, SS
General Instruments	
10010	Passing wire, Blunt Tip with Loop (SS), Len. 200mm

Achilles Tendinosis Repair

The Achilles tendon is the largest tendon in our body. It connects the upper calf muscles to the back of the heel bone. When the Achilles tendon degenerates and becomes inflamed, it is called Achilles tendinosis. Most patients with insertional Achilles tendinosis can be managed non operatively. Those patients who do not respond to conservative treatment, the surgery may require excision of the diseased tendon and the tendon is repaired back down to the heel bone. There are various techniques for the repair of Achilles Tendinosis.

BIOTEK provides suture anchors range for the tendon reattachment. This range includes the needled anchors, knotless anchors and BioFiber tape. BIOTEK's Xpansion bridge technique includes four VIMFIX®-LRP ligament anchors along with two BioFiber® Tapes. The technique enables a greater area of compression for the Achilles tendon on the calcaneus, improving stability and possibly allowing for earlier return to normal activities.



Xpansion Bridge Technique

BAS-9142.475F	VIMFIX®-LRP Ligament Anchor, PEEK knotless, Dia. 4.75mm - Qty. 4
10090	BioFiber® Fiber Tape, Size 2 with MO-6 needle, White-Blue, Len. 39" - Qty. 1
10091	BioFiber® Fiber Tape Size 2 with MO-6 needle, White-Black, Len. 39" - Qty. 1

Achilles Tendinosis Repair

BAS-9041.50F	SUPER-VIM® Ligament Anchor, Titanium loaded with 2 pc Fiber with needle, Dia. 5.0mm
BAS-9222.45T	VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Blue & Solid Black), with needle, Dia. 4.5mm
BAS-9223.45T	VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Black & Solid Blue), with needle, Dia. 4.5mm
BAS-9224.55T	VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Blue & Solid Black), with needle, Dia. 5.5mm
BAS-9225.55T	VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Black & Solid Blue), with needle, Dia. 5.5mm
10092	VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber with needle, Dia. 4.5mm
10039	VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber with needle, Dia. 5.5mm
10052	FIBERKNOT® Soft Ligament Anchor loaded with 2 pc Fiber with needle, Dia. 2.9mm

Related Instrumentation

10005	Drill bit, Dia. 3.5mm, Len. 100mm for VIMFIX®-LRP Ligament Anchor, Knotless- BAS-9142.475F
10006	Slotted Sleeve for Foot & Ankle Drill bits-10004 , 10005, 10067
10038	Tap for VIMFIX-PK® Dia. 4.5mm & 5.5mm and VIMFIX-LR® Dia. 4.75mm & 5.5mm
10055	Punch for FIBERKNOT® Soft Ligament Anchor, Dia. 2.9mm
BAS-9228	Suture passer, Banana Curved

Ligament Repair and Reconstruction

Ankle Syndesmosis Repair, Knotless

BUTTONFIX[®]-F Fixation Button with Loop is an Ankle Syndesmosis Repair kit. It is a knotless system which provides the solution for syndesmosis reduction of ankle. The BUTTONFIX[®]-F repair kit comprises of a fixation button with USP size 5 BioFiber Loop which has an oblong shape Button (3mm Width) and round shape button (Dia. 8mm). The repair kit eliminates the disadvantages of screw fixation as cyclic loading does not promote device failure. It also eliminates the broken screw complications. The insertion of the kit from lateral to medial provides the fixation of oblong shape button on medial side and round shape button on lateral side of the joint.

Ankle Syndesmosis Repair kit

10063 BUTTONFIX[®]-F Fixation Button with Loop For Syndesmosis Repair

Related Instrumentation

10065 Drill Tip Suture Passing Pin, Dia. 2.4mm; Len. 200 mm
10064 Drill Bit, Dia. 3.2mm, Len. - 150 mm for BUTTONFIX[®]-F Fixation Button with Loop
10157 Suture Passing Pin, Spade- Tip (Beath Pin) Dia. 3.2mm; Len. 250mm

Ankle Instability Repair

BIOTEK provides the PEEK tenodesis interference screws and suture anchors with needle for medial as well as lateral ankle instability repair. These implants can be used in ATFL and CFL ligament reconstruction and also modified Brostrom repair.

Ankle Instability Repair/Modified Brostrom Repair

BAS-9040.28F MINI-VIM[®] Ligament Anchor, Titanium loaded with 1 pc Fiber with needle, Dia. 2.8mm
BAS-9083.35F MINI-VIM[®] Ligament Anchor, Titanium loaded with 1 pc Fiber with needle, Dia. 3.5mm
BAS-9186.30F MINI-VIM[®] II PK Ligament Anchor, PEEK loaded with 2 pc Fiber with needle, Dia. 3.0mm
BAS-9187.30FT MINI-VIM[®] II PK Ligament Anchor, PEEK loaded with 1 pc Fiber and 1 pc Fiber tape Size 1.4mm with needle, Dia. 3.0mm
BAS-9041.50F SUPER-VIM[®] Ligament Anchor, Titanium loaded with 2 pc Fiber with needle, Dia. 5.0mm
10092 VIMFIX-PK[®] Ligament Anchor, PEEK loaded with 2 pc Fiber with needle, Dia. 4.5mm
BAS-9222.45T VIMFIX-PK[®] Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Blue & Solid Black), with needle, Dia. 4.5mm
BAS-9223.45T VIMFIX-PK[®] Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Black & Solid Blue), with needle, Dia. 4.5mm
BAS-9224.55T VIMFIX-PK[®] Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Blue & Solid Black), with needle, Dia. 5.5mm
BAS-9225.55T VIMFIX-PK[®] Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Black & Solid Blue), with needle, Dia. 5.5mm
10030 FIBERKNOT[®] Soft Ligament Anchor loaded with 1 pc White-Black Fiber and 1 pc White-Blue Fiber Tape size 1.4, With Needle Dia. 1.8mm
10051 FIBERKNOT[®] Soft Ligament Anchor loaded with 1 pc Fiber with needle, Dia. 1.5mm
10095 FIBERKNOT[®] Soft Ligament Anchor loaded with 2 pc Fiber, with needle Dia. 1.8mm
10052 FIBERKNOT[®] Soft Ligament Anchor loaded with 2 pc Fiber with needle, Dia. 2.9mm

Related Instrumentation

10067 Drill bit, Dia. 2.6mm, Len. 100mm for MINI-VIM[®] II PK Ligament Anchor BAS-9186.30F and BAS-9187.30FT
10066 Drill Bit, Dia. 1.6mm, Len. - 100 mm for FIBERKNOT[®] Soft Ligament Anchor Dia. 1.5mm and 1.8mm with Needles
10005 Drill bit, Dia. 3.5mm, Len. 100mm for VIMFIX[®]-LRP Ligament Anchor, knotless BAS-9142.475F
10006 Slotted Sleeve for Foot & Ankle Drill bits-10004,10005,10067
10038 Tap for VIMFIX-PK[®] Dia. 4.5mm & 5.5mm and VIMFIX-LR[®] Dia. 4.75mm & 5.5mm
10055 Punch for FIBERKNOT[®] Soft Ligament Anchor, Dia. 2.9mm

Ligament Repair and Reconstruction

Metatarsal and Phalanges Ligament repair

A small sized suture anchors range of BIOTEK provides soft tissue to bone fixation of the small joints of mid and forefoot. These anchors are available in 2.0mm diameter and also available in PEEK and Titanium materials.



Ordering Information

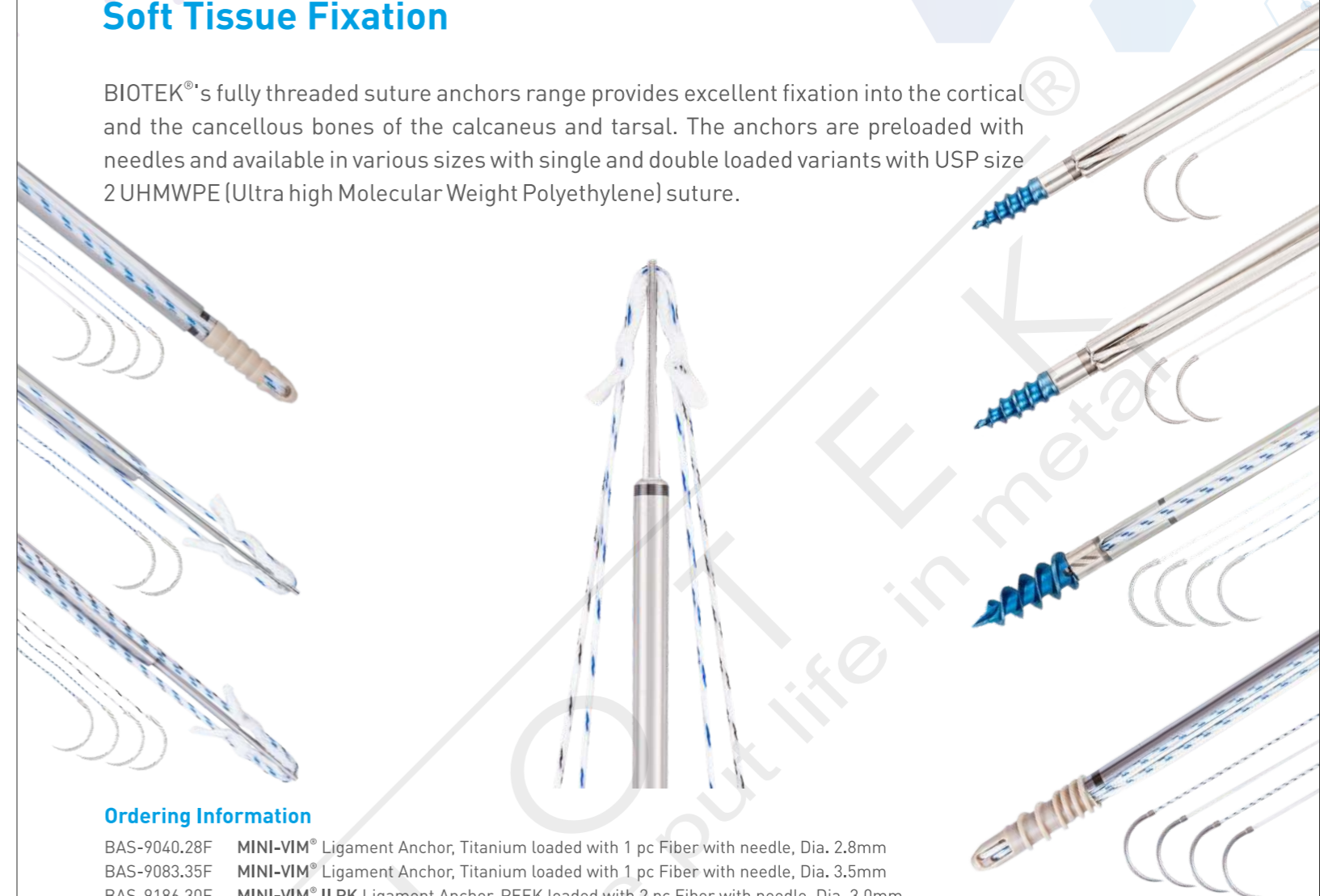
- BAS-9162.20F MICRO-VIM™ Ligament Anchor, Titanium loaded with 1 pc Fiber USP 0 with needle, Dia. 2.0 mm
- BAS-9164.20F MICRO-VIM™ PK Ligament Anchor, PEEK loaded with 1 pc Fiber USP 0 with needle, Dia. 2.0 mm

Related Instrumentation

- BAS-9148 Drill bit, Dia. 1.5mm for MICRO-VIM™ Ligament Anchor BAS-9162.20F
- BAS-9146 Drill bit, Dia. 1.7mm for MICRO-VIM™ PK Ligament Anchor BAS-9164.20F
- BAS-9150 Slotted Sleeve for MICRO-VIM™ & MICRO-VIM™ PK Ligament Anchor BAS-9161.18F, BAS-9162.20F, BAS-9163.18F & BAS-9164.20F

Soft Tissue Fixation

BIOTEK®'s fully threaded suture anchors range provides excellent fixation into the cortical and the cancellous bones of the calcaneus and tarsal. The anchors are preloaded with needles and available in various sizes with single and double loaded variants with USP size 2 UHMWPE (Ultra high Molecular Weight Polyethylene) suture.



Ordering Information

- BAS-9040.28F MINI-VIM® Ligament Anchor, Titanium loaded with 1 pc Fiber with needle, Dia. 2.8mm
- BAS-9083.35F MINI-VIM® Ligament Anchor, Titanium loaded with 1 pc Fiber with needle, Dia. 3.5mm
- BAS-9186.30F MINI-VIM® II PK Ligament Anchor, PEEK loaded with 2 pc Fiber with needle, Dia. 3.0mm
- BAS-9187.30FT MINI-VIM® II PK Ligament Anchor, PEEK loaded with 1 pc Fiber and 1 pc Fiber tape Size 1.4mm with needle, Dia. 3.0mm
- BAS-9041.50F SUPER-VIM® Ligament Anchor, Titanium loaded with 2 pc Fiber with needle, Dia. 5.0mm
- 10092 VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber with needle, Dia. 4.5mm
- BAS-9222.45T VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Blue & Solid Black), with needle, Dia. 4.5mm
- BAS-9223.45T VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Black & Solid Blue), with needle, Dia. 4.5mm
- BAS-9224.55T VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Blue & Solid Black), with needle, Dia. 5.5mm
- BAS-9225.55T VIMFIX-PK® Ligament Anchor, PEEK loaded with 2 pc Fiber Tape size 1.4 (White-Black & Solid Blue), with needle, Dia. 5.5mm
- 10030 FIBERKNOT® Soft Ligament Anchor loaded with 1 pc White-Black Fiber and 1 pc White-Blue Fiber Tape size 1.4, With Needle Dia. 1.8mm
- 10051 FIBERKNOT® Soft Ligament Anchor loaded with 1 pc Fiber with needle, Dia. 1.5mm
- 10095 FIBERKNOT® Soft Ligament Anchor loaded with 2 pc Fiber with needle Dia. 1.8mm
- 10052 FIBERKNOT® Soft Ligament Anchor loaded with 2 pc Fiber with needle, Dia. 2.9mm

Related Instrumentation

- 10067 Drill bit, Dia. 2.6mm, Len. 100mm for MINI-VIM® II PK Ligament Anchor BAS-9186.30F and BAS-9187.30FT
- 10066 Drill Bit, Dia. 1.6mm, Len. 100 mm for FIBERKNOT® Soft Ligament Anchor Dia. 1.5mm and 1.8mm with Needles
- 10006 Slotted Sleeve for Foot & Ankle Drill bits-10004,10005,10067
- 10055 Punch for FIBERKNOT® Soft Ligament Anchor, Dia. 2.9mm
- 10005 Drill bit, Dia. 3.5mm, Len. 100mm for VIMFIX®-LRP Ligament Anchor, knotless BAS-9142.475F
- 10038 Tap for VIMFIX-PK® Dia. 4.5mm & 5.5mm and VIMFIX-LR® Dia. 4.75mm & 5.5mm
- BAS-9125 Nitinol Loop Wire for Reusable Suture Passer
- 10062 Reusable Suture Passer Crescent, Straight, Small

Ligament Repair and Reconstruction

Tendon Transfer

Indication: Flatfoot reconstruction (Flexor Hallucis Longus- FHL), Chronic Achilles reconstruction (Flexor Digitorum Longus- FDL), Lateral ankle reconstruction, and Deltoid ligament reconstruction

The interference screw system is available in PEEK (Poly-Ether-Ether-Ketone) which is a bio stable material, provides excellent biocompatibility and strong fixation. System provides the interference screw fixation, while eliminating trans osseous tunnels in tendon repairs and ligament reconstruction.



Ordering Information

10053	SOFTFIX-PK [®] Interference screw, cannulated, roundhead; Dia. 4.0mm, Len. 10mm
10054	SOFTFIX-PK [®] Interference screw, cannulated, roundhead; Dia. 4.0mm, Len. 15mm
BAK-7164.15	SOFTFIX-PK [®] Interference screw, cannulated, roundhead; Dia. 5.0mm, Len. 15mm
BAK-7164.20	SOFTFIX-PK [®] Interference screw, cannulated, roundhead; Dia. 5.0mm, Len. 20mm
BAK-7165.23	SOFTFIX-PK [®] Interference screw, cannulated, roundhead; Dia. 6.0mm, Len. 23mm
BAK-7166.23	SOFTFIX-PK [®] Interference screw, cannulated, roundhead; Dia. 7.0mm, Len. 23mm
BAK-7167.23	SOFTFIX-PK [®] Interference screw, cannulated, roundhead; Dia. 8.0mm, Len. 23mm

Related Instrumentation

10008	Screwdriver for SOFTFIX-PK [®] Interference Screw, Cannulated, Dia. 4.0mm
BAK-7223	Screwdriver for SOFTFIX-PK [®] Dia. 5.0mm Interference Screws, Cannulated
10007	Screwdriver for SOFTFIX-PK [®] Interference Screw Len. 23.0mm, Cannulated
10057	Graft Sizer for Foot & Ankle, Dia. 4-5-6-7-8 mm
10085	Fluted Reamer, Cannulated, Dia. 4.0mm
10086	Fluted Reamer, Cannulated, Dia. 5.0mm
10087	Fluted Reamer, Cannulated, Dia. 6.0mm
10088	Fluted Reamer, Cannulated, Dia. 7.0mm
10089	Fluted Reamer, Cannulated, Dia. 8.0mm
BAL-024	Threaded Guidewire Dia. 1.2; Len. 180mm, SS
10094	Guide Wire, Blunt Tip for Dia. 4mm SOFTFIX-PK [®] Interference Screws Dia. 0.8mm; Len. 200mm (SS)
10096	Guide Wire, Blunt Tip for Dia. 5mm-8mm SOFTFIX-PK [®] Interference Screws Dia. 1.2mm; Len. 200mm (NITINOL)
10065	Drill Tip Suture Passing Pin, Dia. 2.4mm; Len. 200 mm

BioFiber[®] and BioFiber[®] Tape

Indication: Flatfoot reconstruction, Chronic Achilles reconstruction, Lateral and Medial Ankle reconstruction

BioFiber[®]

BioFiber[®] is a braided sterile surgical fiber prepared from ultra-high molecular weight polyethylene (UHMWPE). BioFiber[®] is non-absorbable and there are no significant changes in tensile strength retention known to occur in vivo. BioFiber[®] is preloaded on many Biotek Anchors for foot & ankle procedures that have fibers.



Ordering Information

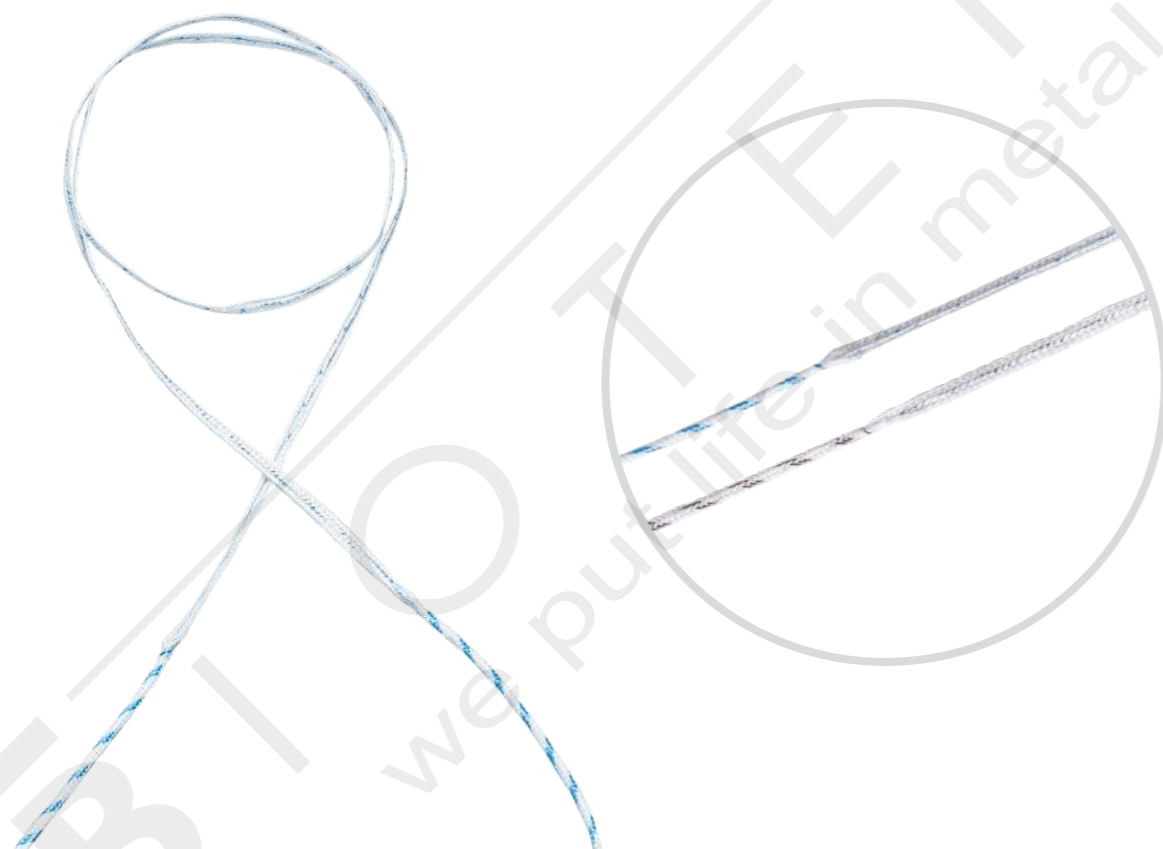
10068	BioFiber [®] Fiber USP Size 2-0, White, Len. 75cm
10069	BioFiber [®] Fiber USP Size 0, White, Len. 75cm
BF-2W	BioFiber [®] Fiber USP Size 2 with MO-6 needle, White, Len. 36"
BF-2WC	BioFiber [®] Fiber USP Size 2 with MO-6 needle, White-Blue, Len. 36"
BF-2WK	BioFiber [®] Fiber USP Size 2 with MO-6 needle, White-Black, Len. 36"
BF-2WCK	BioFiber [®] Fiber USP Size 2 with MO-6 needle, White-Blue-Blue-Black, Len. 36"
BF-WWB	BioFiber [®] Fiber USP Size 2, Len. 36" Pack contains 2 units (White with needle & White-Blue with needle)
BF-2WSB	BioFiber [®] Fiber Loop, Size 2 with straight needle, Len. 6cm White-Blue, Len. 24"

Ligament Repair and Reconstruction

BioFiber[®] Tape

BioFiber[®] Tape is an ultra-high strength tape using a similar long chain polyethylene structure as the BioFiber[®] suture. It can be used in many indications in Foot & Ankle repair surgeries like bridge construct in Achilles Tendinosis and Brace for the ligaments. The broad footprint of the BioFiber[®] Tape is appropriate for repairs in degenerative tissue where tissue pull-through may be a concern.

Notes



Ordering Information

BF-2BST	BioFiber [®] Fiber Tape size 2, White-Black, Len. 39"
BF-2ST	BioFiber [®] Fiber Tape, Size 2, White-Blue, Len. 39"
BF-16BST	BioFiber [®] Fiber Tape, size 1.6 White-Blue, Len. 39"
10090	BioFiber [®] Fiber Tape Size 2 with MO-6 needle, White-Blue, Len. 39"
10091	BioFiber [®] Fiber Tape Size 2 with MO-6 needle, White-Black, Len. 39"