Bio-Tenodesis Screw System Implants, sterile, single use:

- Bio-Tenodesis Screw w/handled inserter, 3 mm x 8 mm AR-1530B
- Bio-Tenodesis Screw, 3 mm x 10 mm AR-1530
- Bio-Tenodesis Screw, 4 mm x 10 mm AR-1540B
- Bio-Tenodesis Screw, 4 mm x 12 mm AR-1540
- Bio-Tenodesis Screw, 4.75 mm x 15 mm AR-1547B
- Bio-Tenodesis Screw, 5 mm x 15 mm AR-1550B
- Bio-Tenodesis Screw, 5.5 mm x 15 mm AR-1555B
- Bio-Tenodesis Screw, 6.25 mm x 15 mm AR-1562B
- Bio-Tenodesis Screw, 7 mm x 10 mm AR-1570B
- Bio-Tenodesis Screw, 7 mm x 15 mm AR-1570
- Bio-Tenodesis Screw, 8 mm x 12 mm AR-1580B
- Bio-Tenodesis Screw, 9 mm x 15 mm AR-1590B
- Bio-Tenodesis Screw, 9 mm x 23 mm AR-1590
- Bio-Tenodesis Master Instrument Set (AR-1675) includes:
  - Tear Drop Handle w/Suture Cleat AR-2001BT
  - Cannulated Drill, 4 mm AR-1204L
  - Cannulated Drill, 4.5 mm AR-1204.5L
  - Cannulated Headed Reamer, 5 mm AR-1405
  - Cannulated Headed Reamer, 5.5 mm AR-1405.5
  - Cannulated Headed Reamer, 6 mm AR-1406
  - Cannulated Headed Reamer, 6.5 mm AR-1406.5
  - Cannulated Headed Reamer, 7 mm AR-1407
  - Cannulated Headed Reamer, 7.5 mm AR-1407.5
  - Cannulated Headed Reamer, 8 mm AR-1408
  - Cannulated Headed Reamer, 8.5 mm AR-1408.5
  - Cannulated Headed Reamer, 9 mm AR-1409
  - Cannulated Headed Reamer, 10 mm AR-1410
  - Driver for 10 mm long Bio-Tenodesis Screw AR-1540DB
  - Driver for 12 mm long Bio-Tenodesis Screw AR-1670DB
  - Driver for 15 mm long Bio-Tenodesis Screw AR-1350D
  - Driver for 23 mm long Bio-Tenodesis Screw AR-1570DB
- Bio-Tenodesis Screw Instrumentation Case AR-1675C

Bio-Tenodesis Disposables Kit (AR-1675DS), sterile, qty. 5, single use:

- Drill Pin Tip Headed Reamer, 5.5 mm AR-1405.5DP
- Drill Pin Tip Headed Reamer, 7 mm AR-1407DP
- Drill Pin Tip Headed Reamer, 8 mm AR-1408DP
- Drill Pin Tip Headed Reamer, 9 mm AR-1409DP

Bio-Tenodesis Disposables Kit for 3 mm screw AR-1530DS

Bio-Tenodesis Screw System Small Joint Accessories:

- Bio-Tenodesis Drill Guide, 4 mm/5.5 mm AR-1542
- Bio-Tenodesis Drill Guide, 4.5 mm/6 mm AR-1544
- Bio-Tenodesis Drill Guide, 5 mm/6.5 mm AR-1546
- Bio-Tenodesis Drill Guide, 5.5 mm/7 mm AR-1548
- Bio-Tenodesis Drill Guide, 6 mm/7.5 mm AR-1550
- Bio-Tenodesis Drill, 4 mm AR-1204D
- Bio-Tenodesis Drill, 4.5 mm AR-1204.5D
- Bio-Tenodesis Drill, 5 mm AR-1205D
- Bio-Tenodesis Drill, 5.5 mm AR-1205.5D
- Bio-Tenodesis Drill, 6 mm AR-1206D
- Bio-Tenodesis Screw System ACL Backup Accessories:
  - Drill Pin Tip Headed Reamer, 5 mm AR-1405
  - Drill Pin Tip Headed Reamer, 7 mm AR-1407
  - Driver for 10 mm long Bio-Tenodesis Screw AR-1540DB
  - Driver for 12 mm long Bio-Tenodesis Screw AR-1670DB
  - Driver for 15 mm long Bio-Tenodesis Screw AR-1350D
  - Driver for 23 mm long Bio-Tenodesis Screw AR-1570DB

Bio-Tenodesis Screw System ACL Backup Accessories:

- Driver for 10 mm long Bio-Tenodesis Screw AR-1540DB
- Driver for 12 mm long Bio-Tenodesis Screw AR-1670DB
- Driver for 15 mm long Bio-Tenodesis Screw AR-1350D
- Driver for 23 mm long Bio-Tenodesis Screw AR-1570DB

Optional Disposable Accessories:

- FiberSnare, #2 FiberWire, 26 inches with closed loop, one end stiff, 12 inches AR-1725SP
- FiberSnare, #2 FiberWire, 26 inches with closed loop, one end stiff, 12 inches AR-1725SP
- FiberSnare, #2 FiberWire, 26 inches with closed loop, one end stiff, 12 inches AR-1725SP

Arthrex, Inc.
1670 Creedsdale Boulevard, Naples, Florida 34104-3990 • USA
Tel: 239-643-5553 • Fax: 239-598-5534 • Website: www.arthrex.com

Arthrex GmbH
Ludwigstraße 51, 82237 Mühldorf-Marienberg • Germany
Tel: +49-8021-89-32-0 • Fax: +49-8021-89-32-30

Arthrex Latin America
1370 Creedsdale Boulevard, Naples, Florida 34104-3990 • USA
Tel: 954-407-6467 • Fax: +1-954-407-6464

Arthrex S.A.S.
5 Avenue Roche de Murat, 54100 Lunéville • France
Tel: +33-3-26-05-57-32 • Fax: +33-3-26-05-57-33

Arthrex Canada
Lannwell Medical Co. Ltd., 181 Industrial Drive, L6K 1J1, Arthrex Canada • Canada U/L 381
Tel: 647-979-4064 • Fax: +1-647-979-4065

Arthrex Nederland BV
Transmissions 101 • 3331 ZG Austerlitz
Tel: +31-186-51-50-00 • Fax: +31-186-51-50-91

Arthrex Nordic AB
Teleparket 13, 131 60 Nacka • Sweden
Tel: +46-8-556 744 40 • Fax: +46-8-556 744 41

Arthrex Italia
Ospedale • 16145 Genova • Italy
Tel: +39-10-20-01-700 • Fax: +39-10-20-01-705

Arthrex S.A.
5 Avenue Pierre et Marie Curie, 69500 Villeurbanne • France
Tel: +33-4-74-90-09-08 • Fax: +33-4-74-90-09-09

Arthrex Deutschland GmbH
Triesterstrasse 72 • 2351 Wiener Neudorf • Austria
Tel: +43-2236-89-33-50-0 • Fax: +43-2236-89-33-50-10

Arthrex Belgium
Mechelsesteenweg 23, 2540 Hove • Belgium
Tel: +32-3-2169199 • Fax: +32-3-2162059

Arthrex U.K.
Unit 16, President Buildings, Savile Street East, Markfield ME4 7QY • England
Tel: +44-114-2767766 • Fax: +44-114-2767748

Arthrex Hellas - Medical Instruments SA
43, Argou Str. - N. Kifissia, 145 64 Athens • Greece
Tel: +30-210-8079980 • Fax: +30-210-8079979

U.S. PATENT NOS. D378-780; 6,544,281 and 6,716,234

Copyright Arthrex Inc., 2005. All rights reserved. LB0505D

*Copyright Arthrex Inc., 2005. All rights reserved. LB0505D
Bio-Tenodesis Screw System

The Bio-Tenodesis Screw System eliminates transosseous tunnels in tendon repairs and ligament reconstructions. The Tenodesis Screw may be used in conjunction with #2 or 2-0 FiberWire® to facilitate intraoperative tissue tensioning and fixation in a predrilled socket. The predrilled socket minimizes incision length, dissection, and overall morbidity. PLLA or titanium Tenodesis Screw insertion provides superior and immediate fixation for both soft and hard tissues such as Achilles repair, FDL, FHL tendon transfers and lateral ligament stabilization. The system can also be used for applications in the hand and elbow (UCL, LRTI, distal biceps), shoulder (rotator cuff repair, stabilization) as well as collateral ligament repair/reconstruction and elbow (UCL, LRTI, distal biceps), shoulder (rotator cuff repair, stabilization) as well as collateral ligament repair/reconstruction and foot and ankle indications such as Achilles repair, FDL, FHL tendon transfers and lateral ligament stabilization.

This construct allows for direct tendon-to-bone healing, without secondary graft or suture fixation for ACL/PCL reconstruction. The system can also be used for applications in the hand and elbow (UCL, LRTI, distal biceps), shoulder (rotator cuff repair, stabilization) as well as collateral ligament repair/reconstruction and elbow (UCL, LRTI, distal biceps), shoulder (rotator cuff repair, stabilization) as well as collateral ligament repair/reconstruction and foot and ankle indications such as Achilles repair, FDL, FHL tendon transfers and lateral ligament stabilization.

Consider These Surgical Procedures:

Knee:
- Lateral and Medial Collateral Ligament Repair and Secondary Fixations of an ACL Soft Tissue Graft

Foot and Ankle:
- Primary Bunion Correction
- Soft Tissue Tenodesis
- Ankle Fusion

Hand:
- Arthroscopic Carpal Tunnel Release
- Dorsal Radioulnar Tenodesis
- Ulnar Nerve Transposition

Elbow:
- UCL and Distal Biceps Tendon Repair

Shoulder:
- Proximal Biceps Tendon Repair and Rotator Cuff Repair

Surgical Technique: Tendon or Graft Fixation

An anatomically attached site is determined and a 2.4 mm guide pin is inserted with a power drill. A bony socket is created to a depth 2 mm longer than the screw used. The tendon graft is anatomically tensioned over the socket and a methylene blue line is drawn on the tendon at the inner socket rim to mark the appropriate tensioned graft length. The appropriate screw is inserted into the Tenodesis Driver and a FiberWire loop is positioned around the tendon to the length of the screw away from the methylene blue mark (a). The extended Tenodesis Driver tip is inserted into the socket with the graft end until the methylene blue mark lies over the socket rim (b). The screw is inserted maintaining tension on the tendon. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft.

Creation of the FiberWire Suture Loop

The surgeon must create a FiberWire loop at the tip of the driver to secure the tendon to be placed in the bone tunnel. The FiberWire loop is created by a disposable suture passing wire and #2 FiberWire found in the Bio-Tenodesis DisposaKit (a). Secure the tip of the whipstitched tendon 2 mm from the end of the graft (b). Place tension on the sutures exiting the back of the Tear Drop Handle and wrap them once around the o-ring inside the cleat as shown below (c). It is important to maintain maximum tension between the suture tip and the tendon during initial placement of the tendon in the tunnel.

Suggested Reference Chart

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Number Depth Diameter Loop</th>
<th>Number Depth Diameter Loop</th>
<th>Number Depth Diameter Loop</th>
<th>Number Depth Diameter Loop</th>
<th>Number Depth Diameter Loop</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 mm</td>
<td>0.75 mm 3.5 mm 4.25 mm 5 mm 6 mm 7 mm 8 mm 9 mm 10 mm 11 mm 12 mm 13 mm 14 mm 15 mm 16 mm 17 mm 18 mm 19 mm 20 mm 21 mm 22 mm 23 mm 24 mm 25 mm 26 mm 27 mm 28 mm 29 mm 30 mm 31 mm 32 mm 33 mm 34 mm 35 mm 36 mm 37 mm 38 mm 39 mm 40 mm 41 mm 42 mm 43 mm 44 mm 45 mm 46 mm 47 mm 48 mm 49 mm 50 mm 51 mm 52 mm 53 mm 54 mm 55 mm 56 mm 57 mm 58 mm 59 mm 60 mm</td>
<td>0.75 mm 3.5 mm 4.25 mm 5 mm 6 mm 7 mm 8 mm 9 mm 10 mm 11 mm 12 mm 13 mm 14 mm 15 mm 16 mm 17 mm 18 mm 19 mm 20 mm 21 mm 22 mm 23 mm 24 mm 25 mm 26 mm 27 mm 28 mm 29 mm 30 mm 31 mm 32 mm 33 mm 34 mm 35 mm 36 mm 37 mm 38 mm 39 mm 40 mm 41 mm 42 mm 43 mm 44 mm 45 mm 46 mm 47 mm 48 mm 49 mm 50 mm 51 mm 52 mm 53 mm 54 mm 55 mm 56 mm 57 mm 58 mm 59 mm 60 mm</td>
<td>0.75 mm 3.5 mm 4.25 mm 5 mm 6 mm 7 mm 8 mm 9 mm 10 mm 11 mm 12 mm 13 mm 14 mm 15 mm 16 mm 17 mm 18 mm 19 mm 20 mm 21 mm 22 mm 23 mm 24 mm 25 mm 26 mm 27 mm 28 mm 29 mm 30 mm 31 mm 32 mm 33 mm 34 mm 35 mm 36 mm 37 mm 38 mm 39 mm 40 mm 41 mm 42 mm 43 mm 44 mm 45 mm 46 mm 47 mm 48 mm 49 mm 50 mm 51 mm 52 mm 53 mm 54 mm 55 mm 56 mm 57 mm 58 mm 59 mm 60 mm</td>
<td>0.75 mm 3.5 mm 4.25 mm 5 mm 6 mm 7 mm 8 mm 9 mm 10 mm 11 mm 12 mm 13 mm 14 mm 15 mm 16 mm 17 mm 18 mm 19 mm 20 mm 21 mm 22 mm 23 mm 24 mm 25 mm 26 mm 27 mm 28 mm 29 mm 30 mm 31 mm 32 mm 33 mm 34 mm 35 mm 36 mm 37 mm 38 mm 39 mm 40 mm 41 mm 42 mm 43 mm 44 mm 45 mm 46 mm 47 mm 48 mm 49 mm 50 mm 51 mm 52 mm 53 mm 54 mm 55 mm 56 mm 57 mm 58 mm 59 mm 60 mm</td>
<td>0.75 mm 3.5 mm 4.25 mm 5 mm 6 mm 7 mm 8 mm 9 mm 10 mm 11 mm 12 mm 13 mm 14 mm 15 mm 16 mm 17 mm 18 mm 19 mm 20 mm 21 mm 22 mm 23 mm 24 mm 25 mm 26 mm 27 mm 28 mm 29 mm 30 mm 31 mm 32 mm 33 mm 34 mm 35 mm 36 mm 37 mm 38 mm 39 mm 40 mm 41 mm 42 mm 43 mm 44 mm 45 mm 46 mm 47 mm 48 mm 49 mm 50 mm 51 mm 52 mm 53 mm 54 mm 55 mm 56 mm 57 mm 58 mm 59 mm 60 mm</td>
</tr>
</tbody>
</table>
Bio-Tenodesis Screw System

The Bio-Tenodesis Screw System eliminates transosseous tunnels in tendon repairs and ligament reconstructions. The Tenodesis Screw may be used in conjunction with 4.7 to 7.0 FiberWire® to facilitate intratendinous tissue tensioning and fixation in a predrilled socket. The predrilled socket minimizes incision length, duration, and overall morbidity. PLLA Tenodesis Screw insertion provides superior and immediate fixation for soft tissue and bone indications such as Achilles repair, FDL, FHL tendon transfers, and lateral ligament stabilization. The system can also be used for applications in the hand and wrist (UCL, ATFL, deltoid ligament, scapholunate), elbow (UCL, LRTI, distal biceps), shoulder (rotator cuff repair, superior and immediate fixation for foot and ankle indications such as scapholunate ligament reconstruction, extrinsic collateral ligament reconstruction, and elbow). The Tenodesis Screw System eliminates transosseous tunnels in tendon repairs and ligament reconstructions. The Tenodesis Screw, a 3 mm x 8 mm screw, provides secure fixation. The predrilled socket minimizes incision length, dissection, and intraoperative tissue tensioning and fixation in a predrilled socket.

Surgical Technique: Tendon or Graft Fixation

An anatomic attachment site is determined and a 2.4 mm guide pin is inserted with a power drill. A bone socket is created to a depth 2 mm longer than the length of the screw selected. The tendon graft is anatomically tensioned over the socket and a methylene blue line drawn on the tendon at the inner socket rim to mark the appropriate tensile graft length. The appropriate screw is inserted into the Tenodesis Driver and a FiberWire loop is positioned around the tendon. The screw is inserted maintaining tension on the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft.
Bio-Tenodesis Screw System

The Bio-Tenodesis Screw System eliminates transosseous tunnels in tendon repairs and ligament reconstructions. The tenodesis screw may be used in conjunction with #2 or 2-0 FiberWire® to facilitate intramedullary bone fixation and fixation in a predrilled socket. The predrilled socket minimizes incision length, dissection, and overall morbidity. PLLA or titanium tenodesis screw insertion provides superior and immediate fixation for bone and, unlike indications such as Achilles repair, FDL, FHL tendon transfers and lateral ligament stabilization, the system can also be used for applications in the hand and elbow (UCL, LRTI, distal biceps, rotator cuff repair, proximal biceps) as well as collateral ligament repair/reconstruction and elbow (UCL, LRTI, distal biceps), shoulder (rotator cuff repair, stabilization. The system can also be used for applications in the hand and elbow (UCL, LRTI, distal biceps, rotator cuff repair, proximal biceps) as well as collateral ligament repair/reconstruction and elbow (UCL, LRTI, distal biceps), shoulder (rotator cuff repair, stabilization. The system can also be used for applications in the hand and elbow (UCL, LRTI, distal biceps, rotator cuff repair, proximal biceps).

Consider These Surgical Procedures:

Knee:
- Lateral and Medial Collateral Ligament Repair and Secondary Fixation of ACL, Soft Tissue Graft

Foot and Ankle:
- Achilles Repair, FDL, FHL Tendon Transfers
- Lateral and Medial Collateral Ligament Repair and Interposition (LRTI)
- Knee:
  - ACL, LCL, MCL, Tendon Transfers

Hand:
- UCL and Distal Biceps Tendon Repair

Shoulder:
- Proximal Biceps Tendon Repair and Rotator Cuff Repair

Surgical Technique: Tendon or Graft Fixation

An anatomic attachment site is determined and a 2 mm guide pin is inserted with a power drill. A bone socket is created to a depth 2 mm longer than the screw used. The tendon graft is anatomically tensioned over the socket and a methylene blue line drawn on the tendon at the inner socket rim to mark the appropriate tensioned graft length. The appropriate screw is inserted into the Bio-Tenodesis Driver and a FiberWire loop is positioned around the tendon the length of the screw away from the methylene blue mark (a). The extended Tenodesis Driver tip is inserted into the socket with the graft end until the methylene blue line over the socket rim (b). The screw is inserted maintaining tension on the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft.

Driver tip is inserted into the socket with the graft end until the methylene blue line over the socket rim (b). The screw is inserted maintaining tension on the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft. After full insertion of the screw, the driver is removed and graft passing sutures exiting the screw/socket interface are tied with the FiberWire loop exiting the graft.

Strongest Fixation Strength

The chart below demonstrates the average pull-to-failure force of Arthrex Bio-Tenodesis Screw compared to the Mitek GII anchor. The testing was performed to determine the mechanical strength of fixation of a biceps tendon by the Bio-Tenodesis Screw in a bone socket. The Bio-Tenodesis Screw fixation of the biceps tendon was inserted into a socket in the proximal humerus in cadaveric bone. The results indicate that Bio-Tenodesis screws behave in a mechanically superior fashion when compared to the Mitek GII anchors (52 lbs vs. 30 lbs).

**Suggested Reference Chart**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Screw Length</th>
<th>Implant Diameter</th>
<th>Implant Diameter</th>
<th>Implant Diameter</th>
<th>Implant Diameter</th>
<th>Implant Diameter</th>
<th>Implant Diameter</th>
<th>Implant Diameter</th>
<th>Implant Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 mm</td>
<td>6 mm</td>
<td>22 mm</td>
<td>12 mm</td>
<td>7 mm</td>
<td>6 mm</td>
<td>22 mm</td>
<td>12 mm</td>
<td>7 mm</td>
<td>6 mm</td>
</tr>
<tr>
<td>8 mm</td>
<td>7 mm</td>
<td>23 mm</td>
<td>13 mm</td>
<td>8 mm</td>
<td>7 mm</td>
<td>23 mm</td>
<td>13 mm</td>
<td>8 mm</td>
<td>7 mm</td>
</tr>
<tr>
<td>9 mm</td>
<td>8 mm</td>
<td>24 mm</td>
<td>14 mm</td>
<td>9 mm</td>
<td>8 mm</td>
<td>24 mm</td>
<td>14 mm</td>
<td>9 mm</td>
<td>8 mm</td>
</tr>
</tbody>
</table>

**Anchor to Suture Size Comparison**

<table>
<thead>
<tr>
<th>Anchor</th>
<th>Suture</th>
<th>Average Load to Failure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitek GII</td>
<td>#2 FiberWire</td>
<td>30 lbs</td>
</tr>
<tr>
<td>Bio-Tenodesis</td>
<td>#2 FiberWire</td>
<td>52 lbs</td>
</tr>
</tbody>
</table>

**Comparison Chart**

- The chart below demonstrates the average pull-to-failure force of Arthrex Bio-Tenodesis Screw compared to the Mitek GII anchor. The testing was performed to determine the mechanical strength of fixation of a biceps tendon by the Bio-Tenodesis Screw in a bone socket. The Bio-Tenodesis Screw fixation of the biceps tendon was inserted into a socket in the proximal humerus in cadaveric bone. The results indicate that Bio-Tenodesis screws behave in a mechanically superior fashion when compared to the Mitek GII anchors (52 lbs vs. 30 lbs).
**Bio-Tenodesis Screw System Implants, sterile, single use:**
- Bio-Tenodesis Screw w/handled inserter, 3 mm x 8 mm AR-1530B
- Bio-Tenodesis Screw, 4 mm x 10 mm AR-1540B
- Bio-Tenodesis Screw, 4.75 mm x 15 mm AR-1547B
- Bio-Tenodesis Screw, titanium, 4.75 mm x 15 mm AR-1350-475
- Bio-Tenodesis Screw, titanium, 5.5 mm x 15 mm AR-1350-55
- Bio-Tenodesis Screw, 5.5 mm x 15 mm AR-1555B
- Bio-Tenodesis Screw, 6.25 mm x 15 mm AR-1562B
- Bio-Tenodesis Screw, 7 mm x 23 mm AR-1570B
- Bio-Tenodesis Screw, 8 mm x 23 mm AR-1580B
- Bio-Tenodesis Screw, 9 mm x 23 mm AR-1590B
- Bio-Tenodesis Screw, 7 mm x 10 mm AR-1670B
- Bio-Tenodesis Screw, 8 mm x 12 mm AR-1680B

**Bio-Tenodesis Master Instrument Set (AR-1675S) includes:**
- Tear Drop Handle w/Suture Cleat AR-2001BT
- Cannulated Drill, 4 mm AR-1204L
- Cannulated Drill, 4.5 mm AR-1204.5L
- Cannulated Headed Reamer, 5 mm AR-1405
- Cannulated Headed Reamer, 5.5 mm AR-1405.5
- Cannulated Headed Reamer, 6 mm AR-1406
- Cannulated Headed Reamer, 6.5 mm AR-1406.5
- Cannulated Headed Reamer, 7 mm AR-1407
- Cannulated Headed Reamer, 7.5 mm AR-1407.5
- Cannulated Headed Reamer, 8 mm AR-1408
- Cannulated Headed Reamer, 8.5 mm AR-1408.5
- Cannulated Headed Reamer, 9 mm AR-1409
- Cannulated Headed Reamer, 10 mm AR-1410
- Driver for 10 mm long Bio-Tenodesis Screw AR-1540DB
- Driver for 12 mm long Bio-Tenodesis Screw AR-1670DB
- Driver for 15 mm long Bio-Tenodesis Screw AR-1350D
- Driver for 23 mm long Bio-Tenodesis Screw AR-1570DB
- Bio-Tenodesis Screw Instrumentation Case AR-1675C

**Bio-Tenodesis Disposables Kit (AR-1675DS), sterile, qty. 5, single use:**
- Drill Pin Tip Headed Reamer, 5.5 mm AR-1405.5DP
- Drill Pin Tip Headed Reamer, 7 mm AR-1407DP
- Drill Pin Tip Headed Reamer, 8 mm AR-1408DP
- Drill Pin Tip Headed Reamer, 9 mm AR-1409DP

**Bio-Tenodesis Screw System Small Joint Accessories:**
- Bio-Tenodesis Drill Guide, 4 mm/5.5 mm AR-1542
- Bio-Tenodesis Drill Guide, 4.5 mm/6 mm AR-1544
- Bio-Tenodesis Drill Guide, 6 mm/6.5 mm AR-1546
- Bio-Tenodesis Drill Guide, 6.5 mm/7 mm AR-1548
- Bio-Tenodesis Drill Guide, 7 mm/7.5 mm AR-1550
- Bio-Tenodesis Drill Guide, 8 mm/8.5 mm AR-1552
- Bio-Tenodesis Screw Drill, 6 mm AR-1206D
- Bio-Tenodesis Screw Drill, 6.5 mm AR-1206.5D
- Bio-Tenodesis Screw Drill, 7 mm AR-1207D
- Bio-Tenodesis Screw Drill, 7.5 mm AR-1207.5D
- Bio-Tenodesis Screw Drill, 8 mm AR-1208D
- Bio-Tenodesis Screw Drill, 8.5 mm AR-1208.5D

**Bio-Tenodesis Screw System ACL Backup Accessories:**
- Bio-Tenodesis Screw Drill, 4 mm AR-1204D
- Bio-Tenodesis Screw Drill, 4.5 mm AR-1204.5D
- Bio-Tenodesis Screw Drill, 5 mm AR-1205D
- Bio-Tenodesis Screw Drill, 5.5 mm AR-1205.5D
- Bio-Tenodesis Screw Drill, 6 mm AR-1206D
- Bio-Tenodesis Screw Drill, 6.5 mm AR-1206.5D
- Bio-Tenodesis Screw Drill, 7 mm AR-1207D
- Bio-Tenodesis Screw Drill, 7.5 mm AR-1207.5D
- Bio-Tenodesis Screw Drill, 8 mm AR-1208D
- Bio-Tenodesis Screw Drill, 8.5 mm AR-1208.5D

**Optional Disposable Accessories:**
- FiberSnare, #2 FiberWire, 26 inches with closed loop, one end stiffened, 12 inches AR-7209SN

**U.S. PATENT NOS.**
- 6,378,780
- 6,544,281
- 6,716,234

© Copyright Arthrex Inc., 2005. All rights reserved. LB0505D

---

**Bio-Tenodesis Screw System**

**The ARTHREX Bio-Tenodesis™ SCREW SYSTEM**

Now you can insert tension and fixation grafts without transossous tunnels.
Bio-Tenodesis Screw System Implants, sterile, single use:

- Bio-Tenodesis Screw w/handled inserter, 3 mm x 8 mm AR-1530B
- Bio-Tenodesis Screw, 4 mm x 10 mm AR-1540B
- Bio-Tenodesis Screw, 4.75 mm x 15 mm AR-1547B
- Tenodesis Screw, titanium, 4.75 mm x 15 mm AR-1350-475
- Tenodesis Screw, titanium, 5.5 mm x 15 mm AR-1350-55
- Bio-Tenodesis Screw, 5.5 mm x 15 mm AR-1555B
- Bio-Tenodesis Screw, 6.25 mm x 15 mm AR-1562B
- Bio-Tenodesis Screw, 7 mm x 23 mm AR-1570B
- Bio-Tenodesis Screw, 8 mm x 23 mm AR-1580B
- Bio-Tenodesis Screw, 9 mm x 23 mm AR-1590B
- Bio-Tenodesis Screw, 7 mm x 10 mm AR-1670B
- Bio-Tenodesis Screw, 8 mm x 12 mm AR-1680B

Bio-Tenodesis Master Instrument Set (AR-1675S) includes:

- Tear Drop Handle w/Suture Cleat AR-2001BT
- Cannulated Drill, 4 mm AR-1204L
- Cannulated Drill, 4.5 mm AR-1204.5L
- Cannulated Headed Reamer, 5 mm AR-1405
- Cannulated Headed Reamer, 5.5 mm AR-1405.5
- Cannulated Headed Reamer, 6 mm AR-1406
- Cannulated Headed Reamer, 6.5 mm AR-1406.5
- Cannulated Headed Reamer, 7 mm AR-1407
- Cannulated Headed Reamer, 7.5 mm AR-1407.5
- Cannulated Headed Reamer, 8 mm AR-1408
- Cannulated Headed Reamer, 8.5 mm AR-1408.5
- Cannulated Headed Reamer, 9 mm AR-1409
- Cannulated Headed Reamer, 10 mm AR-1410
- Driver for 10 mm long Bio-Tenodesis Screw AR-1540DB
- Driver for 12 mm long Bio-Tenodesis Screw AR-1670DB
- Driver for 15 mm long Bio-Tenodesis Screw AR-1350D
- Driver for 23 mm long Bio-Tenodesis Screw AR-1570DB
- Bio-Tenodesis Screw Instrumentation Case AR-1675C

Bio-Tenodesis Disposables Kit (AR-1675DS), sterile, qty. 5, single use:

- Drill Tip Guide Pin, 2.4 mm
- Suture Passing Wire
- #2 FiberWire, 38 inches (blue) w/Tapered Needle, 26.5 mm 1/2 circle
- #2 FiberWire, 38 inches (blue)
- 2-0 FiberWire, 18 inches (blue) w/Tapered Needle,17.9 mm 3/8 circle
- 2-0 FiberWire, 38 inches (blue)

Optional Disposable Accessories:

- FiberSnare, #2 FiberWire, 26 inches with closed loop, one end stiffened, 12 inches
- Bio-Tenodesis Disposables Kit, for 3 mm screw AR-1530DS

Bio-Tenodesis Screw System Small Joint Accessories:

- Bio-Tenodesis Drill Guide, 4 mm/5.5 mm AR-1542
- Bio-Tenodesis Drill Guide, 5 mm/6.5 mm AR-1543
- Bio-Tenodesis Drill Guide, 4.5 mm/6 mm AR-1544
- Bio-Tenodesis Drill Guide, 4 mm AR-1540S
- Bio-Tenodesis Drill Guide, 5.5 mm AR-1555S
- Bio-Tenodesis Drill Guide, 5 mm AR-1550S
- Bio-Tenodesis Screw Drill, 4 mm AR-1204D
- Bio-Tenodesis Screw Drill, 4.5 mm AR-1204.5D
- Bio-Tenodesis Screw Drill, 5 mm AR-1205D
- Bio-Tenodesis Screw Drill, 5.5 mm AR-1205.5D
- Bio-Tenodesis Screw Drill, 6 mm AR-1206D
- Bio-Tenodesis Screw Drill, 6.5 mm AR-1206.5D

Bio-Tenodesis Screw System ACL Backup Accessories:

- Drill Pin Tip Headed Reamer, 5.5 mm AR-1405.5DP
- Drill Pin Tip Headed Reamer, 7 mm AR-1407DP
- Drill Pin Tip Headed Reamer, 8 mm AR-1408DP
- Drill Pin Tip Headed Reamer, 9 mm AR-1409DP

Arthrex, Inc.
1370 Creekside Boulevard, Naples, Florida 34108-1945 • USA
Tel: 239-643-5553 • Fax: 239-598-5534 • Website: www.arthrex.com

Arthrex GmbH
Liebigstrasse 13, D-85757 Karlsfeld/München • Germany
Tel: +49-8131-59570 • Fax: +49-8131-5957-565

Arthrex Latin America
1370 Creekside Boulevard, Naples, Florida 34108-1945 • USA
Tel: 954-447-6011 • Fax: 954-447-6014

Arthrex S.A.S.
5 Avenue de Marie Curie, 75103 Paris • France
Tel: +33-1-53-78-70-70 • Fax: +33-1-53-78-70-70

Arthrex Canada
Lansell Medical Co. Ltd., 401 Industrial Drive, Unit 3, Arthrex Centre • Canada L7R 3B1
Tel: 604-875-4641 • Fax: 604-875-4642 • Email: 604-294-3102

Arthrex Nederland Operations BV
Verwondingsweg 31, 2540 Heemstede • The Netherlands
Tel: +31-20-959-00-00 • Fax: +31-20-959-00-50

Arthrex Belgium
Mechelsesteenweg 23, 2540 Hove • Belgium
Tel: +32-3-216-9199 • Fax: +32-3-216-2059

Arthrex France
5 Avenue Pierre et Marie Curie, 59260 Lezennes • France
Tel: +33-3-20-05-72-72 • Fax: +33-3-20-05-72-70

Arthrex Scandinavian AB
Tullingevägen 9, 131 60 Nacka • Sweden
Tel: +46-8-556-744-40 • Fax: +46-8-556-744-41

Arthrex Korea
Rosedale Building #1904, 724 Sooseo-dong, Gangnam-gu, Seoul 135-744 • Korea
Tel: +82-2-3413-3033 • Fax: +82-2-3413-3035

U.S. PATENT NOS. D378-780; 6,544,281 and 6,716,234

© Copyright Arthrex Inc., 2005. All rights reserved. LB0505D