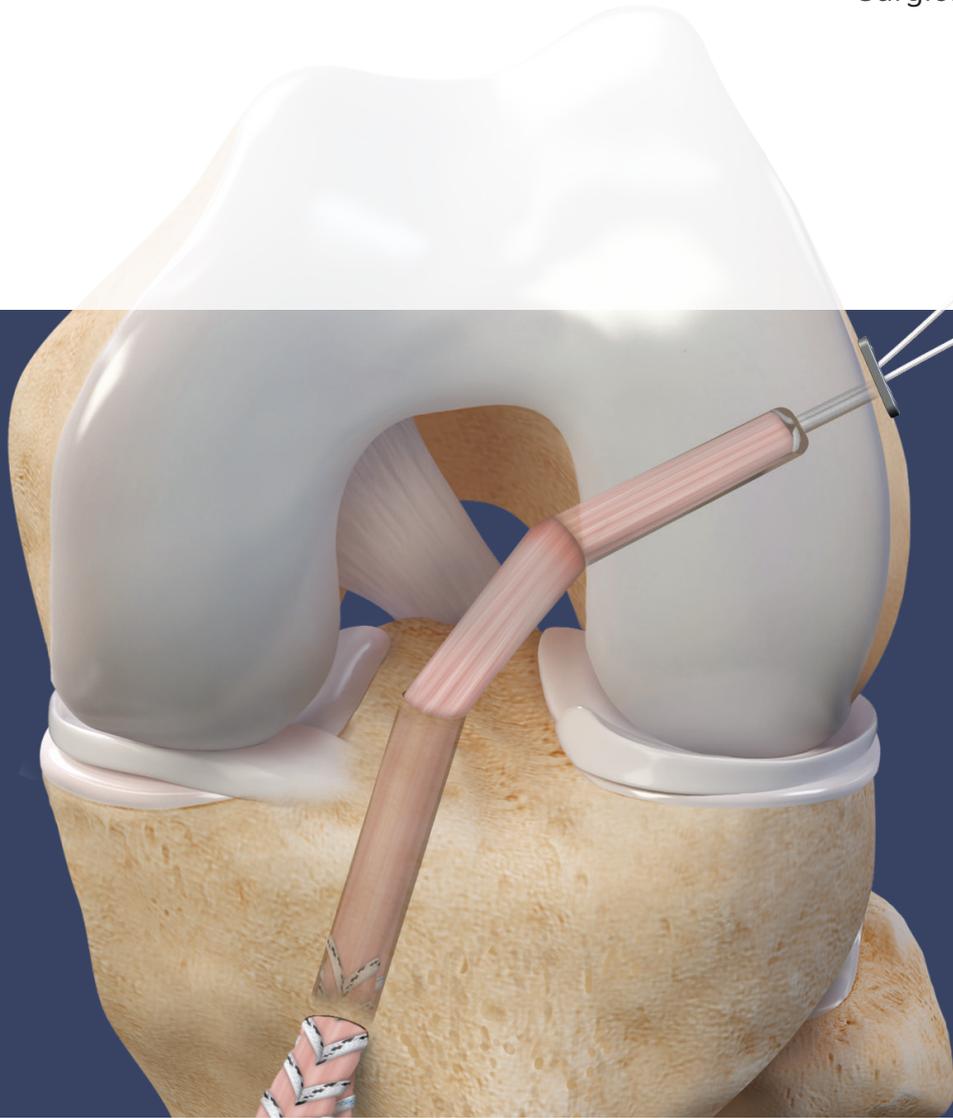


# SpeedGraft® Presutured Tendon With ACL TightRope® RT for Femoral Fixation

Surgical Technique

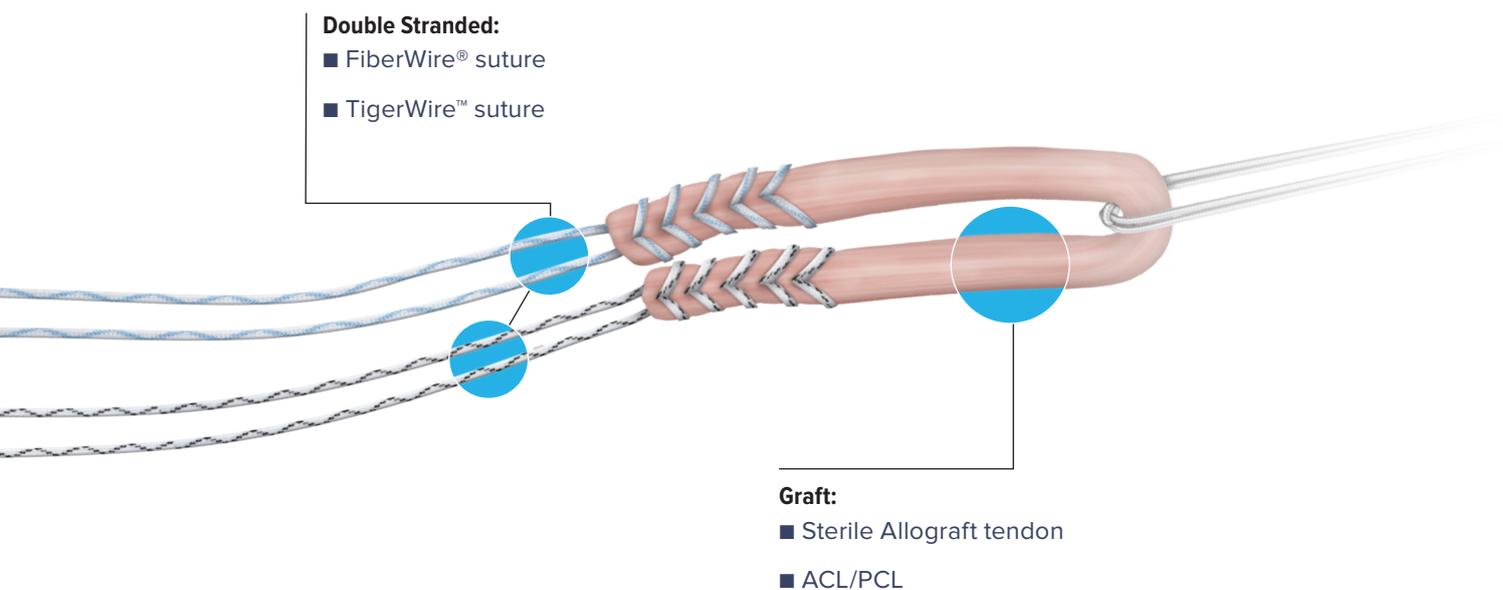


# SpeedGraft® Presutured Double-Stranded Tendon

The SpeedGraft allograft is a presutured, double-stranded, sterile tendon, designed to be used with the ACL TightRope® implants for ACL and PCL reconstructions. Each tendon has individually sutured tails that can be identified by their color. This design allows for multiple fixation methods, providing flexibility for the surgeon.

Each tendon is assembled according to Arthrex specifications, by trained tissue technicians, ensuring that the presutured tendon meets the requirements of the procedure to allow for an anatomic, minimally invasive, and reproducible ACL reconstruction.

SpeedGraft presutured tendons are processed with a validated and patented cleaning treatment. This treatment has been designed to facilitate the removal of cellular elements from tissue, while maintaining the structural integrity of the allograft. This process has been proven to reduce the potential danger of disease transmission by removing over 99% of blood, lipids, and marrow from the allograft. The incorporation of a rigorous donor-screening process and terminal sterilization enhances the safety of this allograft tendon.



## SpeedGraft® Features and Benefits

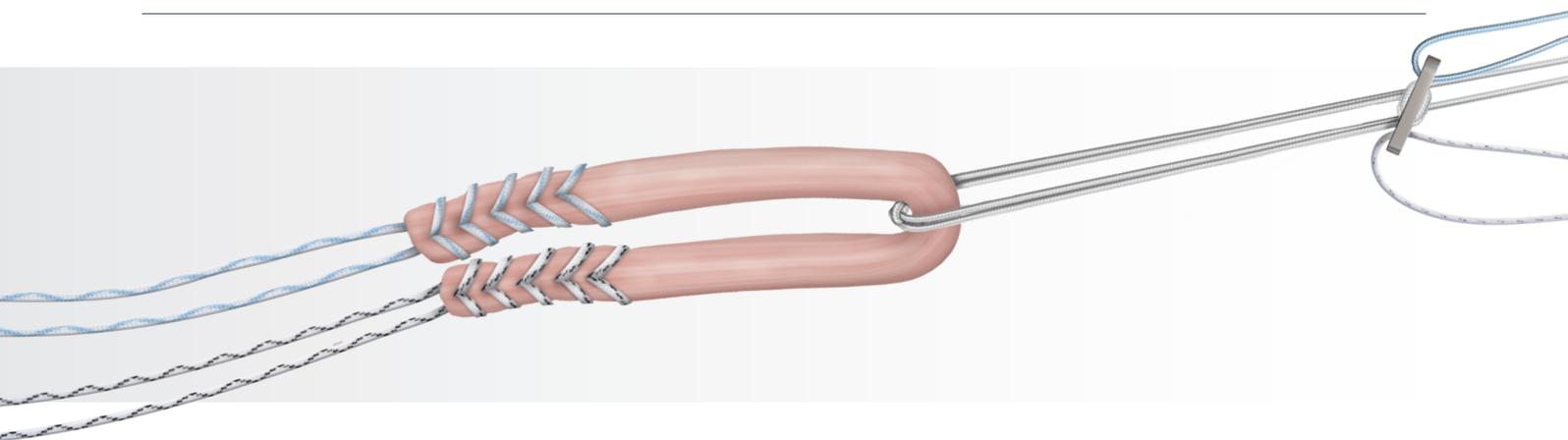
---



- Preassembled with #2 FiberLoop® and TigerLoop™ suture
- Minimal preparation time
- 10<sup>-6</sup> sterility assurance level for patient safety
- Use with ACL TightRope® RT implant
- Presized lengths and diameters for patient customization
- Tendon lengths 175 mm-295 mm
- Tendon diameters 8 mm-11 mm

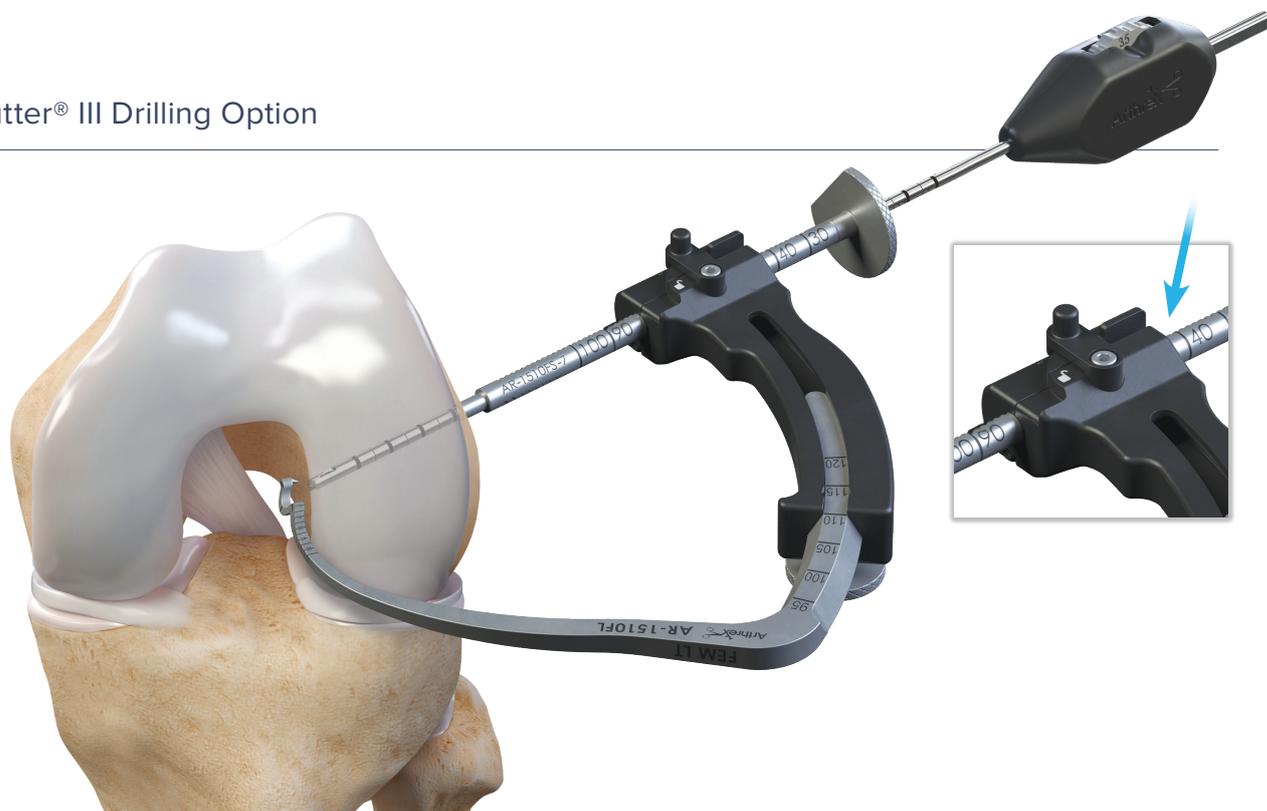
## SpeedGraft Presutured Double-Stranded Tendon With ACL TightRope RT Implant

---



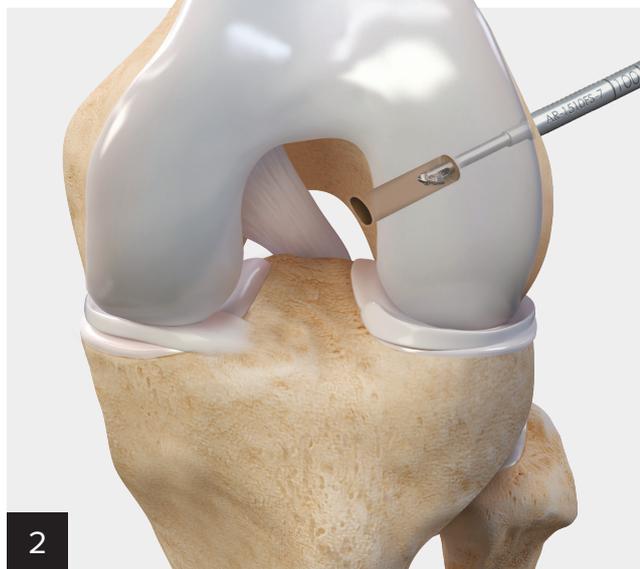
The ACL TightRope implant has revolutionized cortical fixation by allowing intraoperative adjustability of cortical fixation while providing a stiff, strong construct due to the proprietary four-point locking system. The ACL TightRope RT implant provides another option that allows the surgeon to adjust the implant by pulling tensioning strands in the same direction of graft advancement. This innovation eliminates the need to retrieve shortening strands from the joint and allows the surgeon to pull in line with graft advancement.

## FlipCutter® III Drilling Option



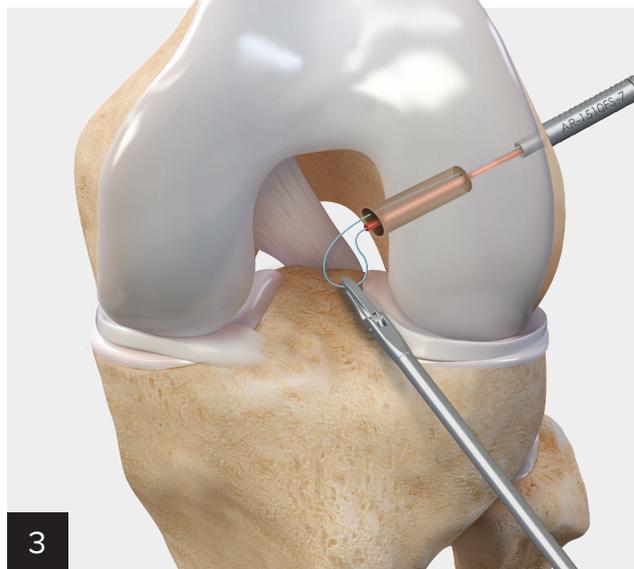
1

The FlipCutter III drill may also be used to create the femoral socket. Place the guide into the joint and push the drill sleeve down to bone. Note the femoral measurement where the drill sleeve meets the guide. Advance the FlipCutter drill into the joint, remove the guide, and tap the stepped drill sleeve into bone. Note the intraosseous length during tunnel prep and mark that distance on the ACL TightRope® RT implant.



2

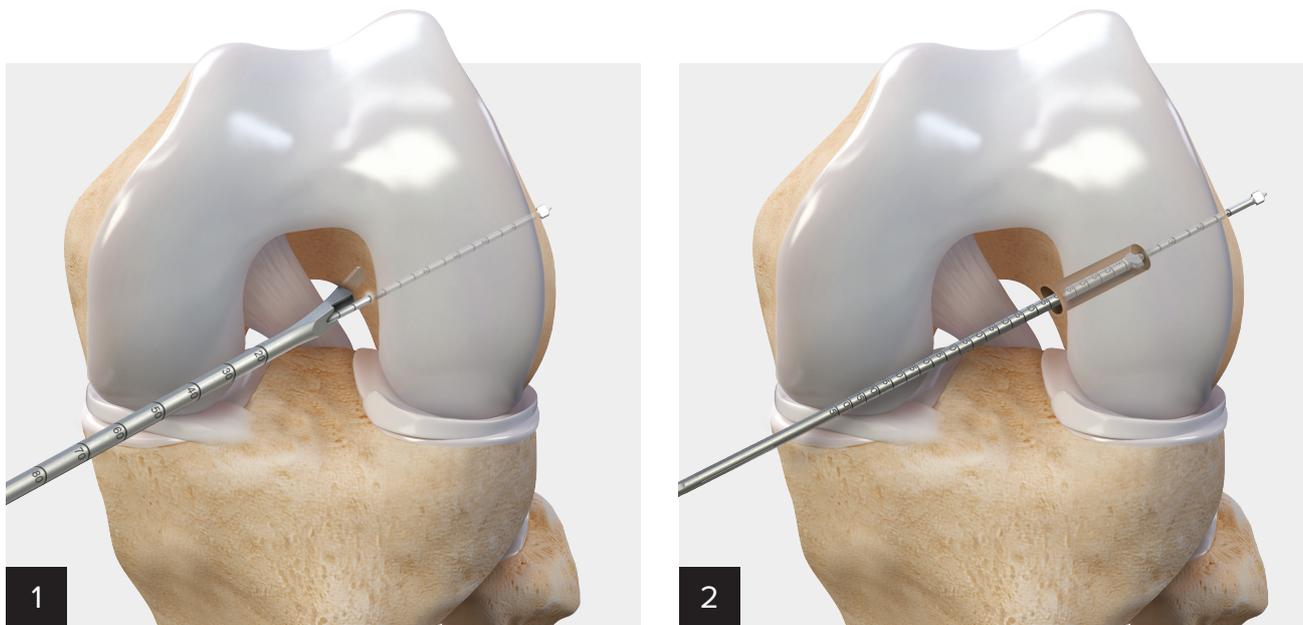
Flip the blade on the FlipCutter drill and ream until the desired socket depth is reached as measured on the FlipCutter drill markings.



3

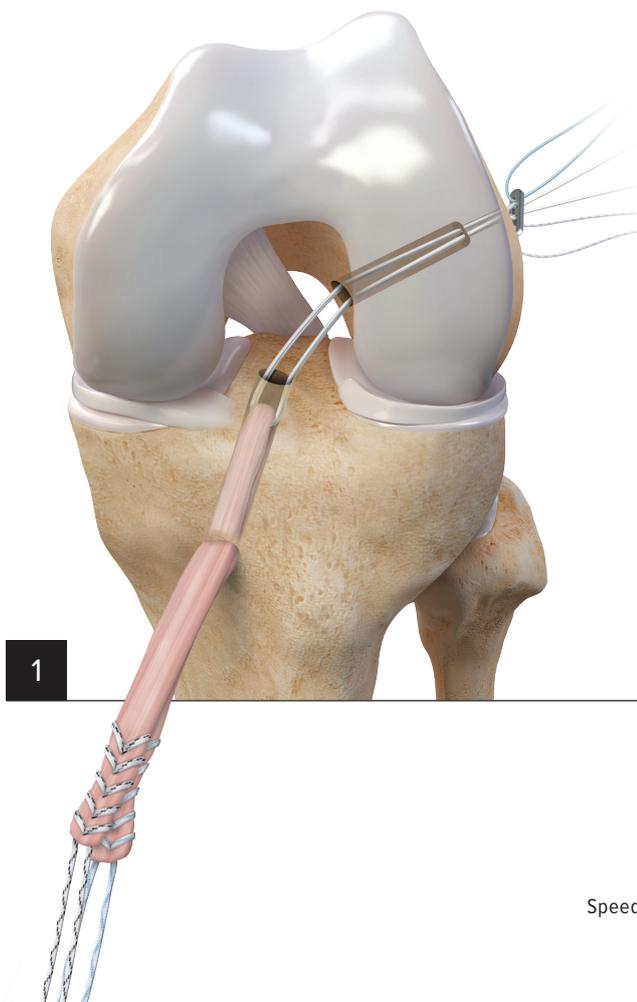
After “flipcutting,” flip the blade straight and remove it from the joint while keeping the drill sleeve in place. Pass a FiberStick™ suture passer through the stepped drill sleeve and dock for later graft passing.

## Medial Portal Option

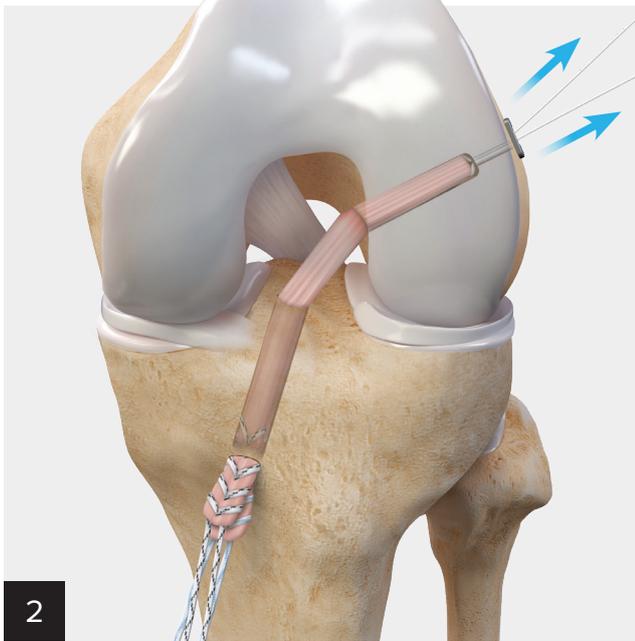


For medial portal drilling, use the TightRope® drill pin, transportal ACL guides, and low-profile drills. Note the intraosseous length from the TightRope drill pin. After socket drilling, pass a suture with the TightRope drill pin for later graft passing.

## Graft Passing

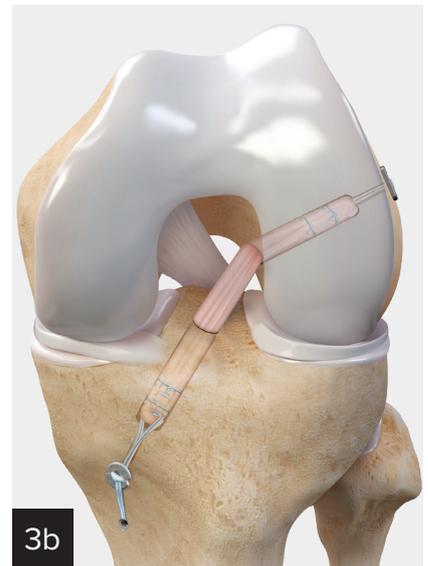
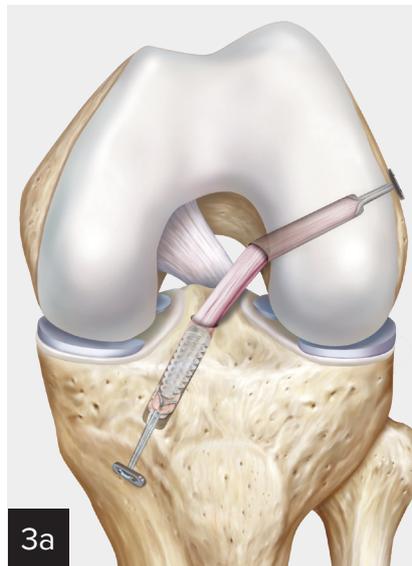


Pass the blue passing suture and white tensioning strands together through the femur. The blue passing suture is used to advance the button, while tension is kept on the white tensioning strands to prevent slack from forming and bunching up in the tunnel. Pull the button through the femur. A line on the implant marked at the intraosseous length is helpful to signal that the button has exited the femur.



Hold slight tension on the tibial tails of the graft during graft advancement. To advance the graft, pull on the tensioning strands one at a time, alternating approximately 4 cm on each side. A mark on the graft made at a distance of the femoral socket is helpful in signaling that the graft is fully seated. Once the graft is fully seated, pull firmly back on the graft to check fixation.

**Note:** If desired, advance the graft just shy of the full length of the socket. This will allow retensioning of the graft after tibial fixation has been completed.



Fix the tibial side of the graft. If desired, and space has been left on the femoral side, retension shortening strands on the femur. Cut shortening strands with a closed-end arthroscopic FiberWire® cutter. The ACL TightRope® RT implant is also ideal for all-inside ACL reconstruction (**3a**) because it facilitates incremental graft advancement and tensioning after tibial fixation has been completed. The ACL TightRope RT implant may also be used on the tibial side with the GraftLink® procedure (**3b**). **Note:** See technique guide LT1-0157-EN for details.

## Ordering Information

### Implants

Product Description	Item Number
SpeedGraft® Presutured Tendon <b>Diameters:</b> 8 mm-11 mm (in .05 mm increments), <b>Lengths:</b> 175 mm-295 mm (in 1 mm increments)	SPD-001*
ACL TightRope® RT-J Double-Loaded Implant	AR-1588RT-J
TightRope ABS Implant	AR-1588TN
Concave ABS Button, 11 mm w/ 4 mm collar	AR-1588TB-3
Concave ABS Button, 14 mm w/ 7 mm collar	AR-1588TB-4
Concave ABS Button, 20 mm w/ 9 mm collar	AR-1588TB-5
ACL TightRope Convenience Pack	AR-1588RTS
Autograft GraftLink® Implant Convenience Pack	AR-1588AU-CP
Allograft GraftLink Implant Convenience Pack	AR-1588AL-CP
ACL Backup Fixation System, BioComposite	AR-1593-BC
ACL Backup Fixation System, PEEK	AR-1593-P

### Instruments (FlipCutter® III Technique)

Product Description	Item Number
FlipCutter III Drill, 6-12 mm	AR-1204FF
RetroConstruction™ Drill Guide Set	AR-1510S
Anatomic Contour PCL Guide, left	AR-1510PTL
Anatomic Contour PCL Guide, right	AR-1510PTR
Femoral PCL Hook Arm	AR-1510PF

### Instruments (Medial Portal Technique)

Product Description	Item Number
Transportal ACL Guide (TPG), 4 mm-8 mm	AR-1800-04-08
TightRope Drill Pin, open	AR-1595T
TightRope Drill Pin, closed	AR-1595TC
Low-Profile Reamer, 5 mm-11 mm	AR-1405LP – AR-1411LP

### Accessories

Product Description	Item Number
Suture Retriever	AR-12540
Graft Sizing Block	AR-1886
Suture Cutter for ACL TightRope Implant	AR-4520
Flexible Arthroscopy Retractor (FAR)	AR-1262

### GraftPro® Graft Preparation System (AR-2950D)

Product Description	Item Number
GraftPro Board	AR-2950D
GraftPro Posts	AR-2950AP
GraftPro Case	AR-2950DC
GraftPro GraftLink Implant Tensioner	AR-2950GT
GraftPro GraftLink Holder	AR-2950GH
GraftPro Button Holder	AR-2950BH
GraftPro Soft Tissue Clamp	AR-2950SC
Optional	
Cutting Board Clamp	AR-2950CBC

Products advertised in this brochure/surgical technique guide may not be available in all countries. For information on availability, please contact Arthrex Customer Service or your local Arthrex representative.

\*SpeedGraft Presutured Tendon ordered directly from JRF Ortho at 877-255-6727



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 and/or outcomes.

View U.S. patent information at [www.arthrex.com/corporate/virtual-patent-marking](http://www.arthrex.com/corporate/virtual-patent-marking)

© 2020 Arthrex, Inc. All rights reserved. | [www.arthrex.com](http://www.arthrex.com) | LT1-0859-EN\_C