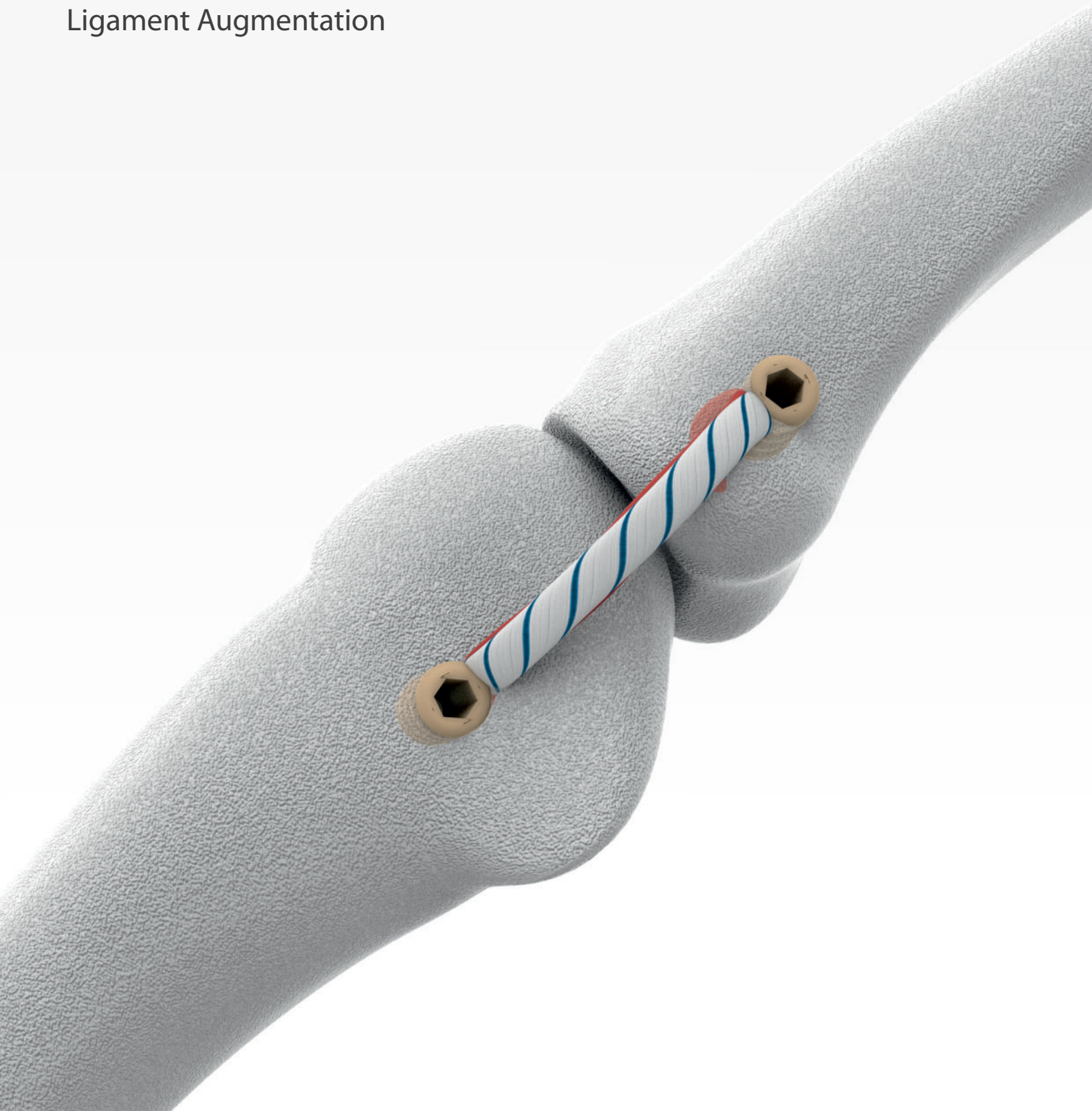
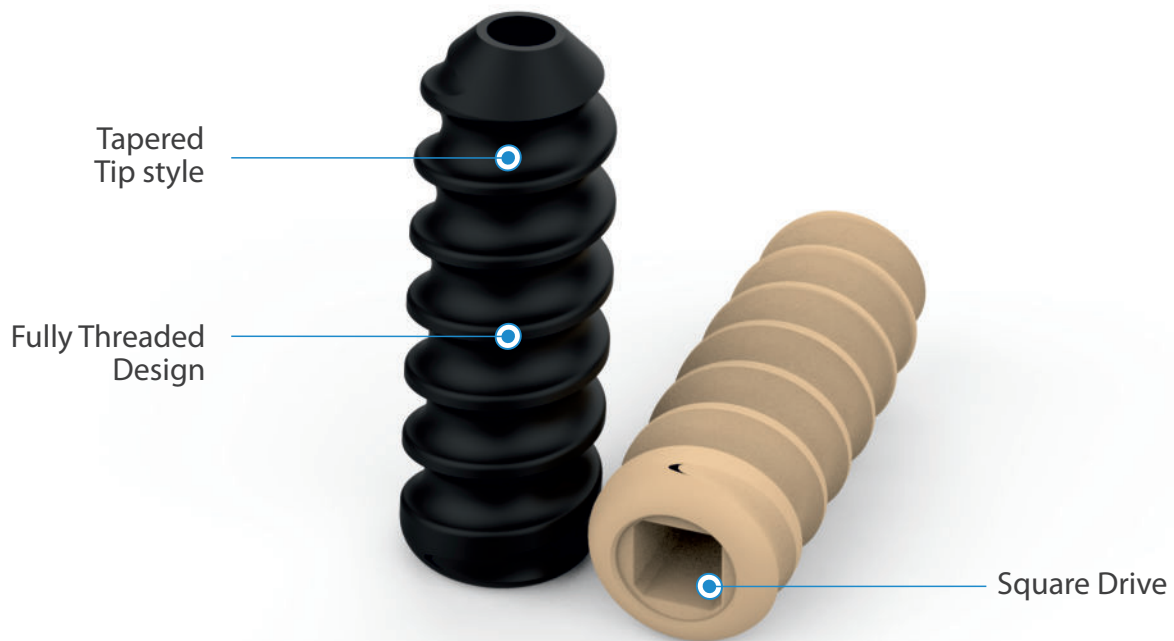


## Surgical Technique

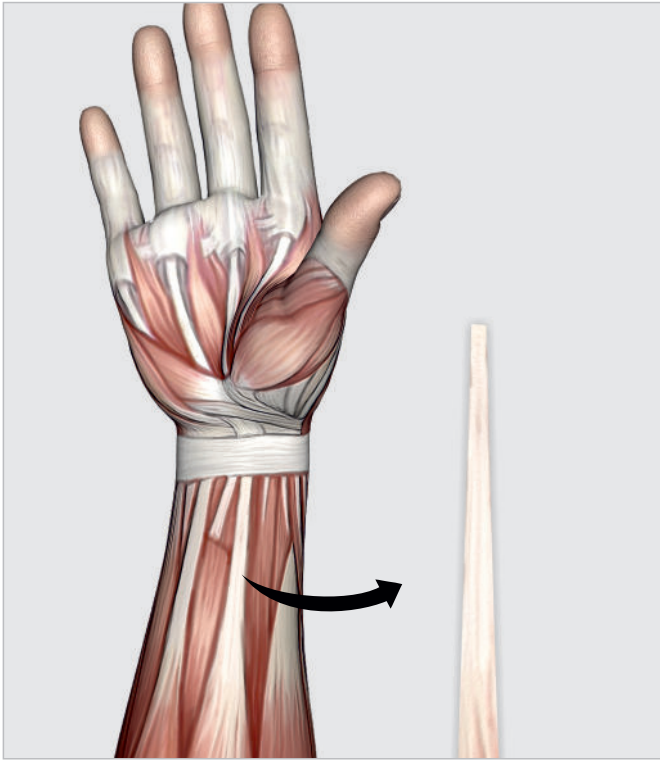
Collateral Ligament Reconstruction With Internal Brace  
Ligament Augmentation



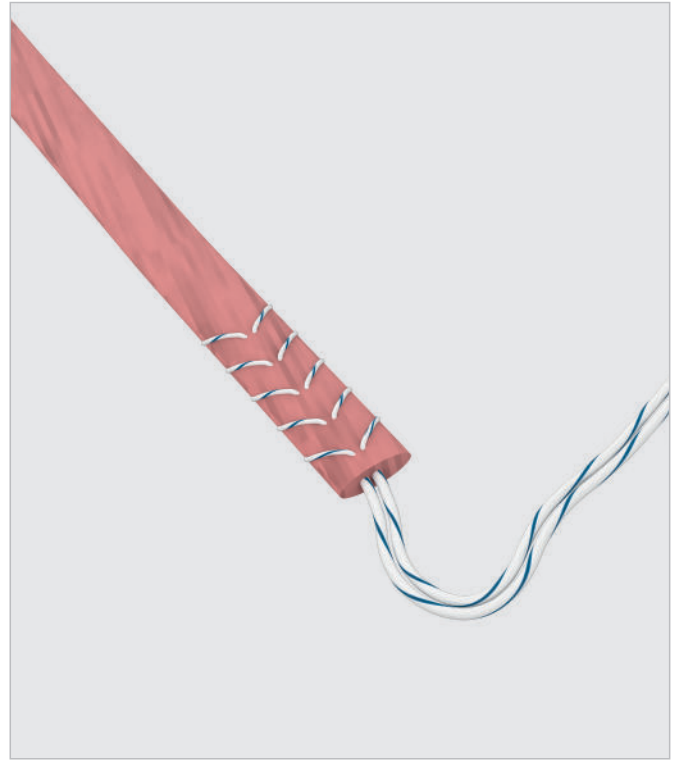
## Interference Screw



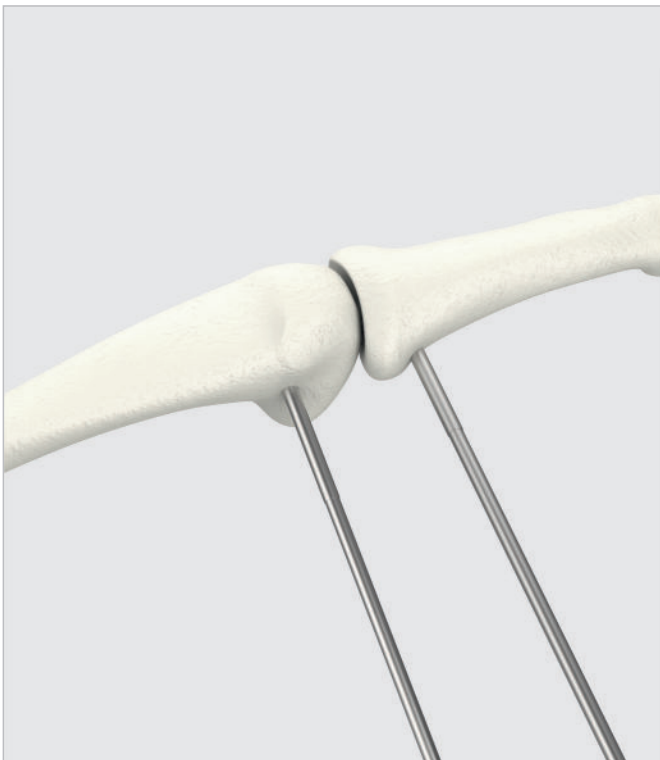
The Interference Screws are available in PEEK OPTIMA and PEEK CF. The Interference Screw has a fully threaded design which provides strong mechanical fixation for both bone tendon bone (BTB) and soft tissue grafts. Being a cannulated screw, it is used with a guide wire and a cannulated screw driver. It is available in diameter ranging from 3mm to 6mm. The PEEK OPTIMA and PEEK CF are renowned for their radiolucent properties, less imaging artefact and for being MR safe. Both interference screws offer revision ability of an absorbable screw.



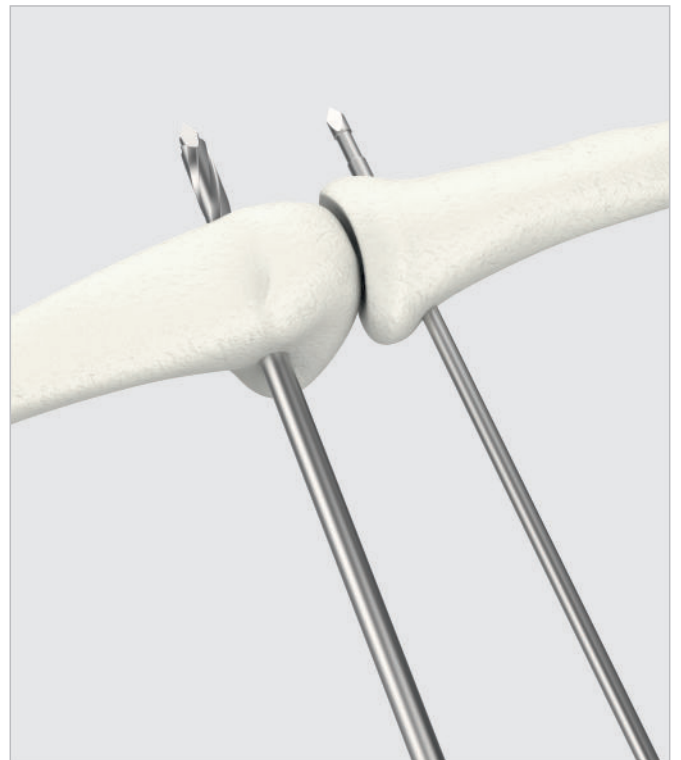
Harvest a 3mm slip of the palmaris tendon. The tendon should be at least 6 cm in length.



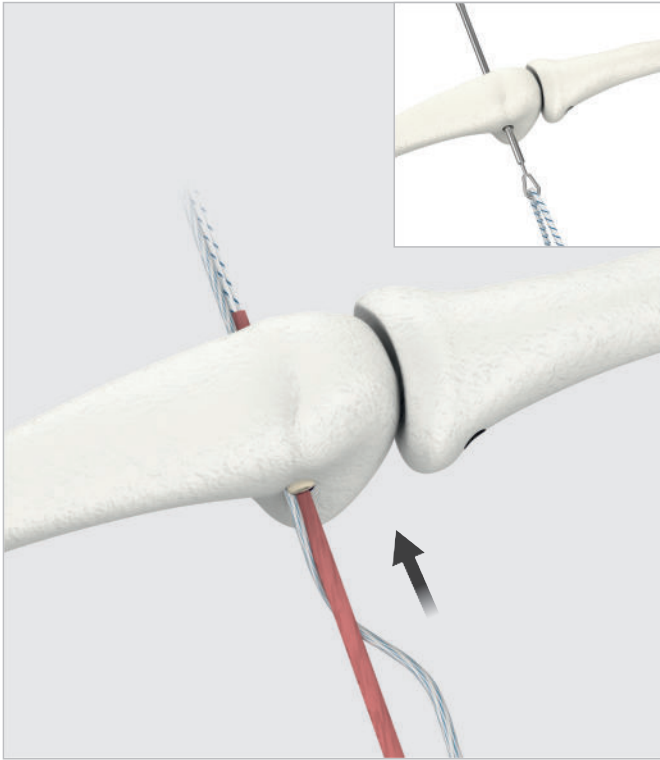
Check tendon width with the provided tendon sizer. Whipstitch both ends of the tendon with BioBraid Suture to ease passage through the drill holes.



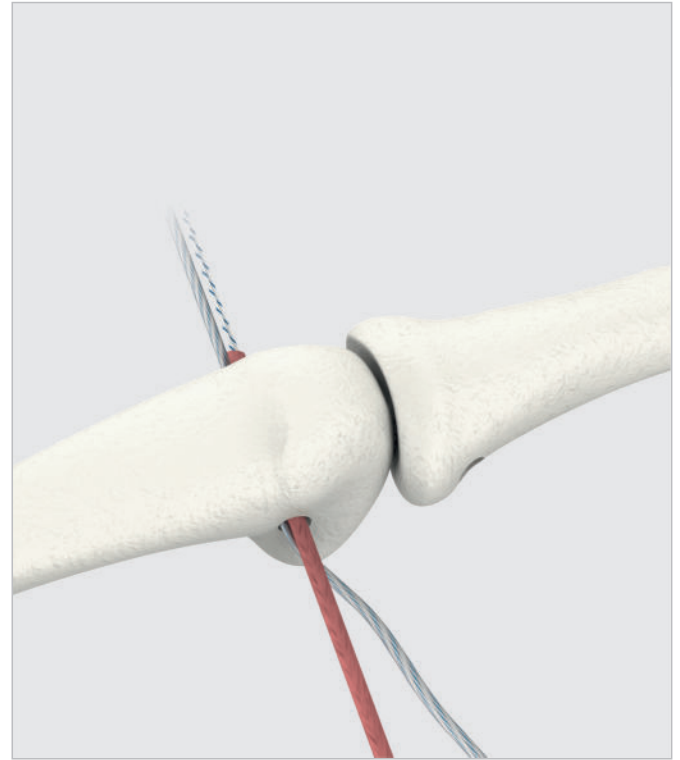
At approximately 1 cm distal to the joint, place the guide wire bicortically at the middle phalanx base, palmar to midline. Place a second guide wire bicortically at the proximal phalanx head, dorsal to midline.



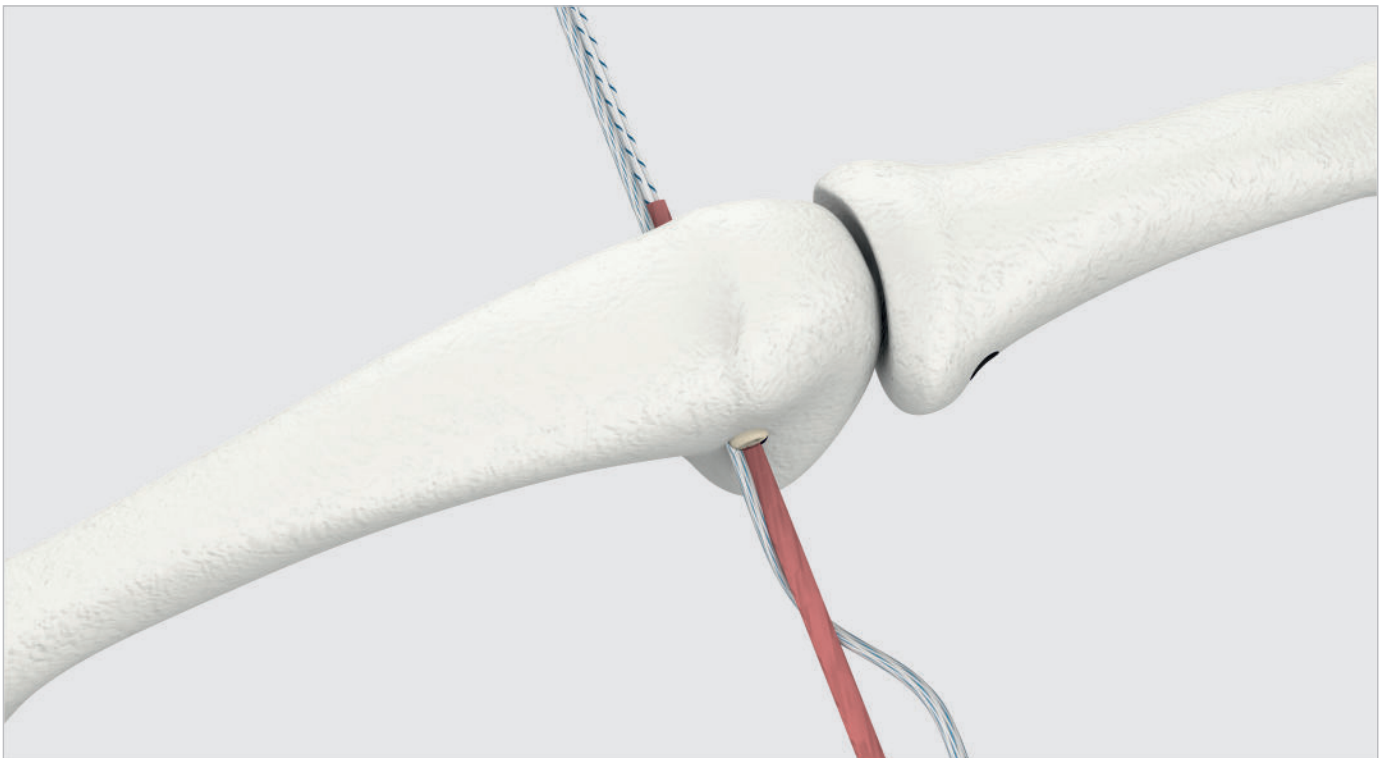
Depending on bone quality, overdrill the middle and proximal phalanges guide wires with either the 3mm mm (soft bone) or 3.2mm (hard bone) drill. The drill holes are bicortical.



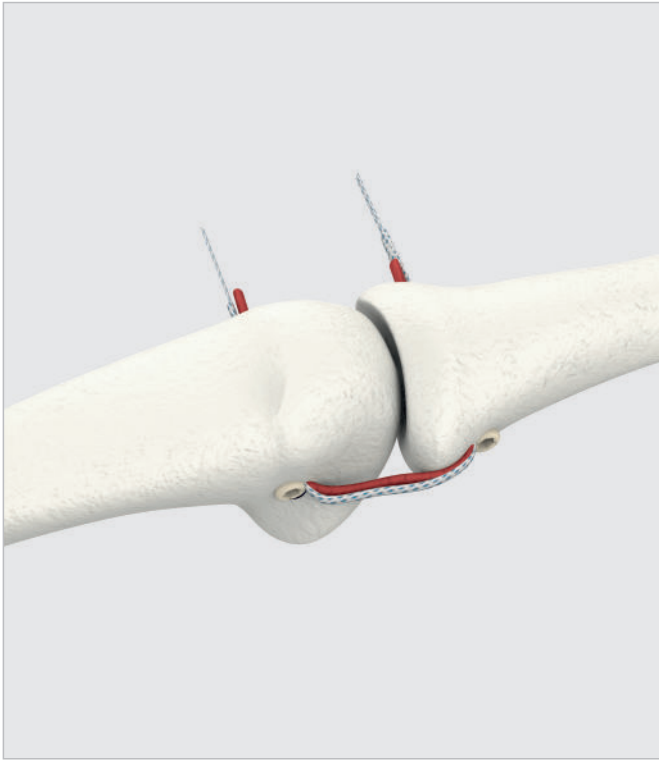
Pass the tendon graft and BioBraid Suture through the proximal phalanx drill hole with the nitinol loop provided.



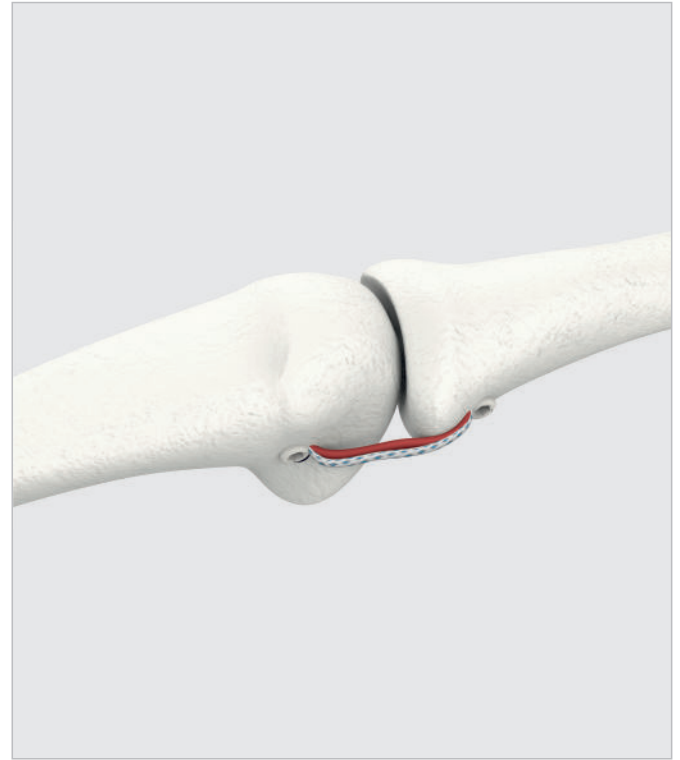
While holding the tendon and BioBraid Suture in place, insert and secure the construct with the 3mm PEEK CF/PEEK OPTIMA Interference screw.



Place the suture passer bicortically through the middle phalanx hole such that the nitinol loop is on the side of the reconstruction. Bring the BioBraid Suture and graft through the end of the nitinol loop on the suture passer and pass through the hole in the middle phalanx.



While holding tension on the graft and BioBraid Suture, insert a second 3mm PEEK CF/PEEK OPTIMA Interference screw, to secure the construct. Have an assistant hold the PIP joint in 20° of flexion, without rotation and neutral in the anterior-posterior plane.



Cut any remaining BioBraid Suture and graft to complete the knotless ligament reconstruction.

## ORDERING INFORMATION

### PEEK OPTIMA

Code	Product Description
6-009-27	AUXILOCK® 3mm x 8mm PEEK CF Interference Screw (With Driver)
6-009-21	AUXILOCK® 4mm x 10mm PEEK CF Interference Screw
6-009-22	AUXILOCK® 4mm x 15mm PEEK CF Interference Screw
6-009-28	AUXILOCK® 5mm x 10mm PEEK CF Interference Screw
6-009-23	AUXILOCK® 5mm x 15mm PEEK CF Interference Screw
6-009-24	AUXILOCK® 5mm x 20mm PEEK CF Interference Screw
6-009-29	AUXILOCK® 6mm x 15mm PEEK CF Interference Screw
6-009-25	AUXILOCK® 6mm x 20mm PEEK CF Interference Screw
6-009-26	AUXILOCK® 6mm x 25mm PEEK CF Interference Screw

### PEEK CF

Code	Product Description
6-014-27	AUXILOCK® 3mm x 8mm PEEK OPTIMA Interference Screw (With Driver)
6-014-21	AUXILOCK® 4mm x 10mm PEEK OPTIMA Interference Screw
6-014-22	AUXILOCK® 4mm x 15mm PEEK OPTIMA Interference Screw
6-014-28	AUXILOCK® 5mm x 10mm PEEK OPTIMA Interference Screw
6-014-23	AUXILOCK® 5mm x 15mm PEEK OPTIMA Interference Screw
6-014-24	AUXILOCK® 5mm x 20mm PEEK OPTIMA Interference Screw
6-014-29	AUXILOCK® 6mm x 15mm PEEK OPTIMA Interference Screw
6-014-25	AUXILOCK® 6mm x 20mm PEEK OPTIMA Interference Screw
6-014-26	AUXILOCK® 6mm x 25mm PEEK OPTIMA Interference Screw

## RELATED INSTRUMENTATION

Code	Product Description
7-139-54	Ø1.2mm X 150mm Threaded Guide wire
7-139-55	Ø1.2mm X 180mm Blunt tip Guide wire
7-139-68	Ø3.0mm X 100mm Cannulated Reamer
7-139-67	Ø3.2mm X 100mm Cannulated Reamer
7-139-56	Ø3.5mm X 100mm Cannulated Reamer
7-139-57	Ø4.0mm X 100mm Cannulated Reamer
7-139-58	Ø4.5mm X 100mm Cannulated Reamer
7-139-59	Ø5.0mm X 100mm Cannulated Reamer
7-139-60	Ø5.5mm X 100mm Cannulated Reamer
7-139-61	Ø6.0mm X 100mm Cannulated Reamer
7-139-62	Ø6.5mm X 100mm Cannulated Reamer
7-139-63	Graft Sizer, 4.0mm to 7.0mm (0.5mm Steps)
7-139-65	Screwdriver For Ø4mm, Ø5.0mm & Ø6.0 mm Polymer Interference Screw

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