

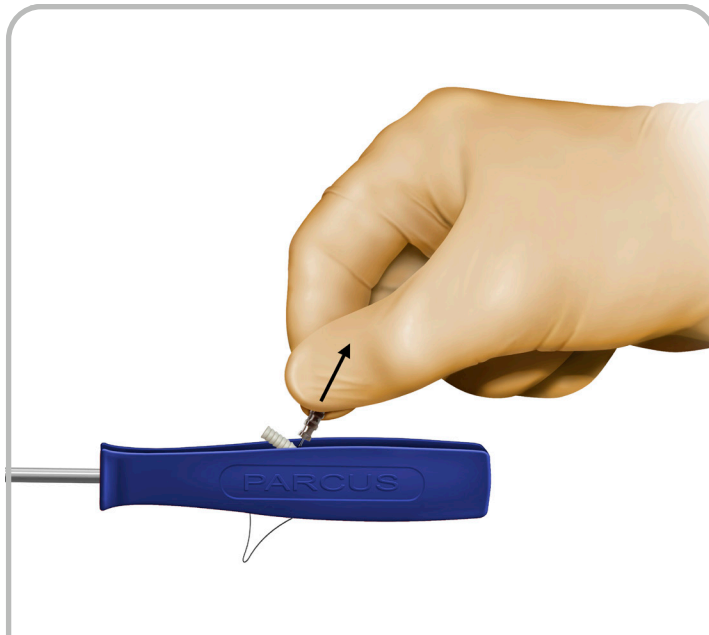


Instability Repair

Knotless Push-In Suture Anchors

Surgical Technique Guide

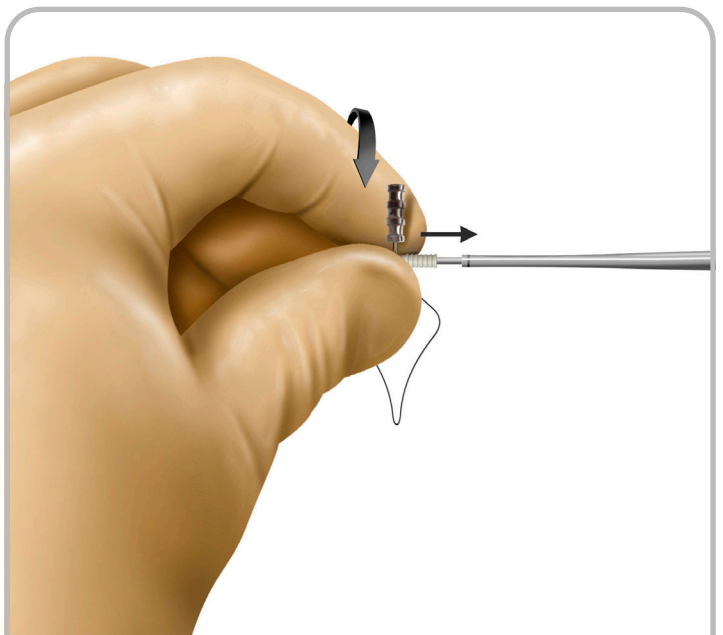
Instability Repair with Knotless Push-In Suture Anchors



step
1

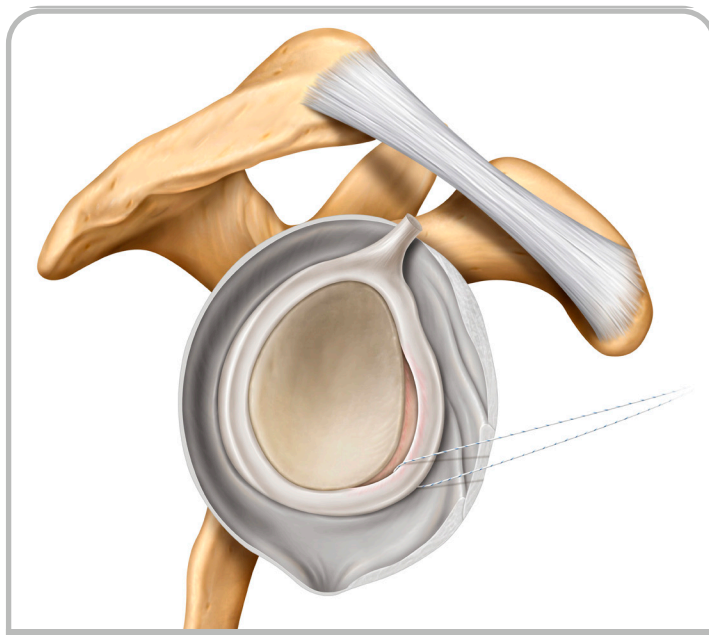
Remove the anchor from the Knotless Push-In Suture Anchor driver handle by pulling on the silver threader tab.

Note: A PEEK, PEEK Carbon Fiber (CF), or a biocomposite Knotless Push-In anchor may be used for instability repair. A biocomposite anchor will be shown throughout this technique guide, however; the steps are the same regardless of the anchor material chosen.



step
2

Load the implant onto the driver. Ensure there is no gap between the proximal end of the implant and the shoulder of the driver.



step
3

Pass Parcus Braid® suture (sold separately from suture anchor) through labrum using preferred passing technique.



step
4

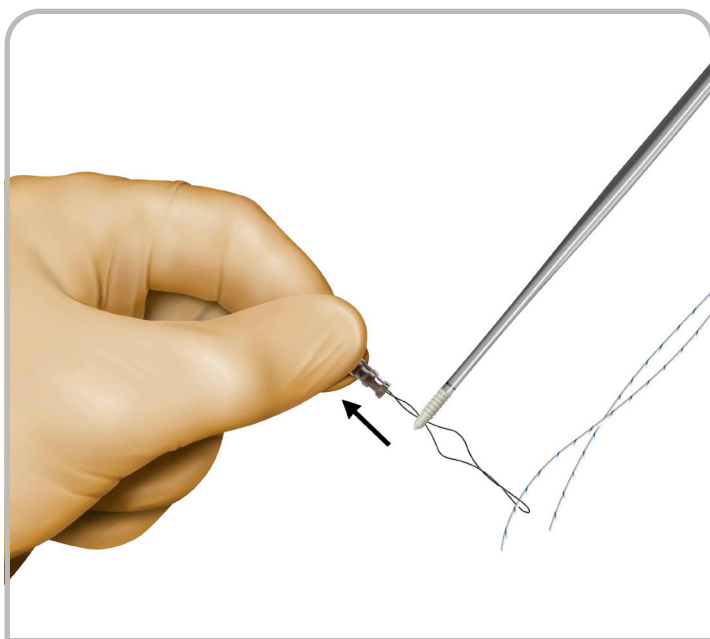
Position the drill guide (10330) on the prepared glenoid rim. Insert the obturator through the drill guide and tap until the positive stop contacts the drill guide. Type of obturator used (trocar: 10405, blunt: 10406, or conical: 10771) is left to the surgeon's discretion.

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step
5

Advance the 28 Knotless Drill Bit (10615U) until the positive stop contacts the drill guide.



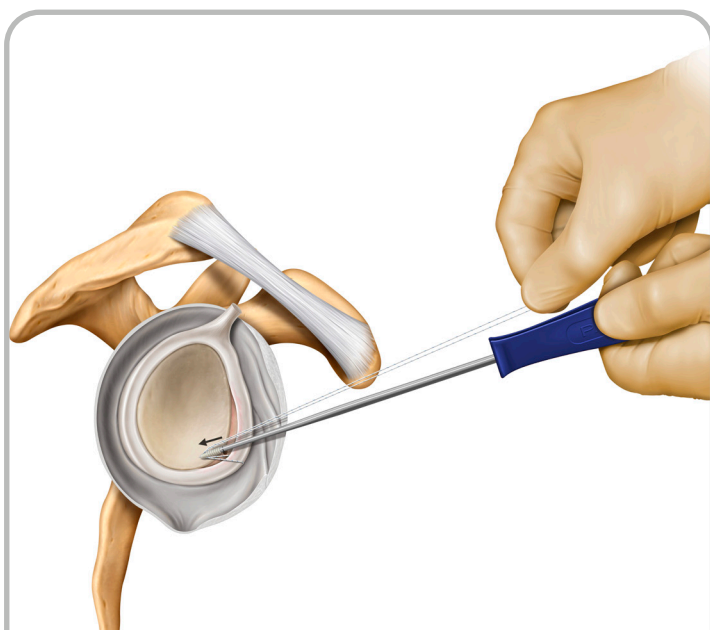
step
6

Load the suture tails (up to 2) into the Knotless Push-In Suture Anchor threader. Pull the threader tab to load the sutures into the implant. Please note suture tails must be loaded one at a time.



step
7

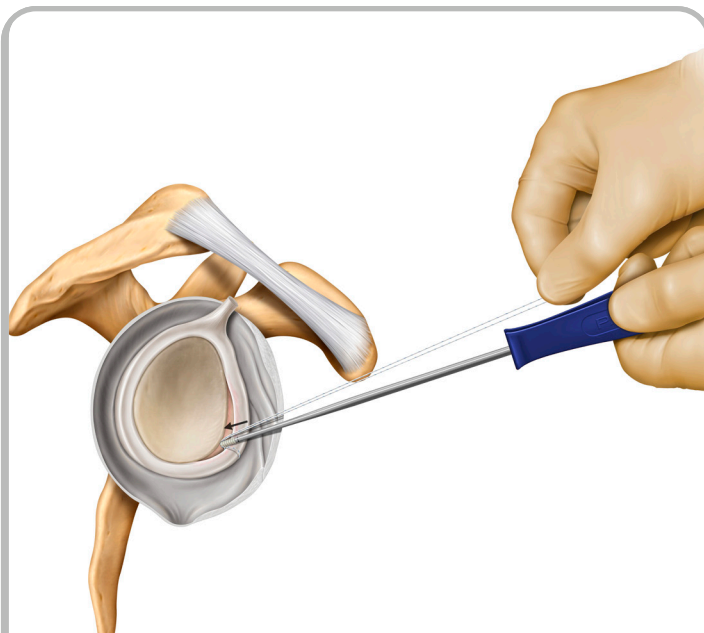
Apply light tension on the suture tails and advance the Knotless Push-In Suture Anchor into the glenohumeral space through the cannula.



step
8

Insert the Knotless Anchor into the joint space. Once the anchor is protruding outside the cannula, slowly push the anchor tip past the targeted bone socket to create slack in the suture.

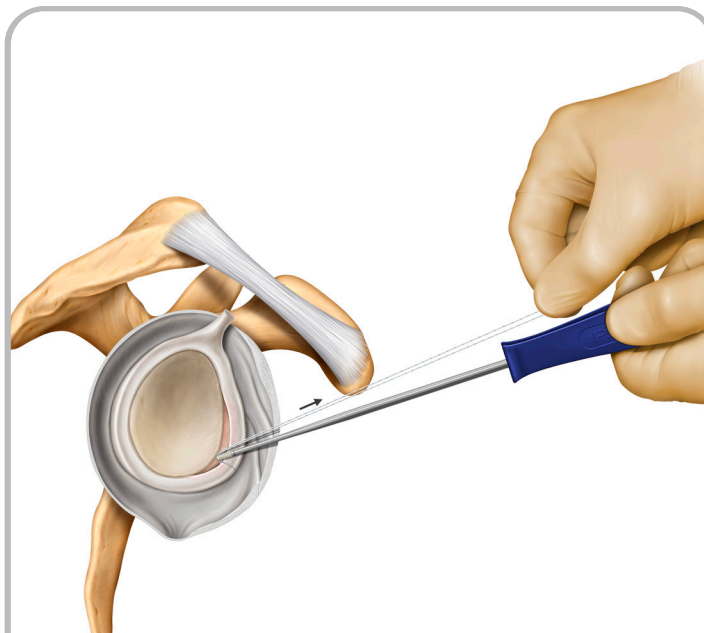
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step
9

Pull the tip of the anchor back to the edge of the socket. Insert the tip of the Knotless Push-In Suture Anchor into the hole.

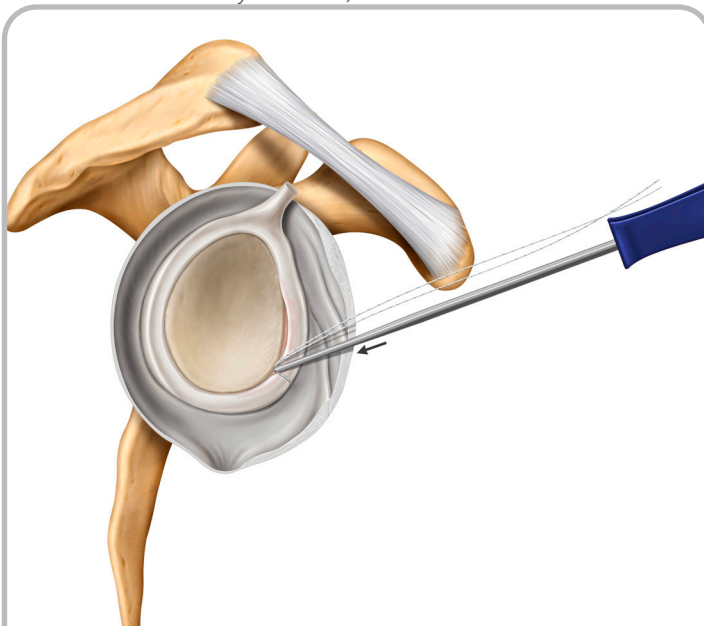
** Ensure driver shaft is at same angle as the prepared bone socket.*



step
10

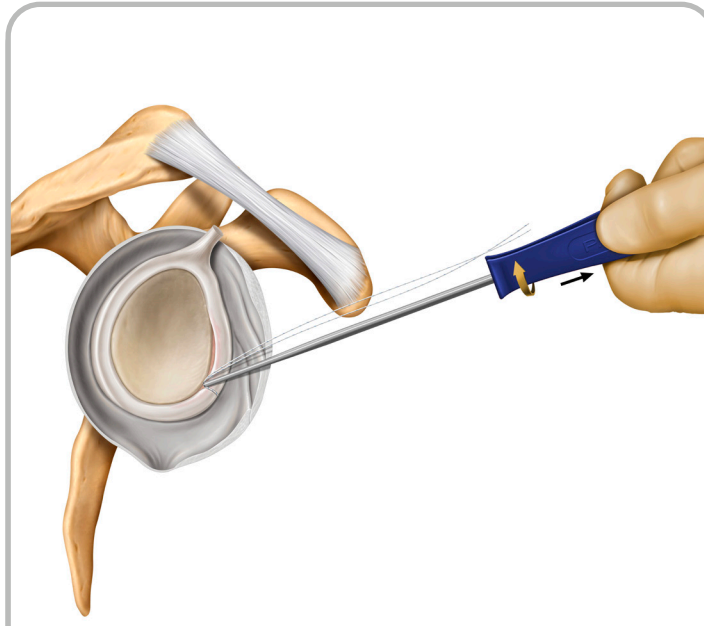
Once the tip of the anchor is aligned with the axis of the bone socket, keep slight downward pressure on the anchor and pull the suture slack out to achieve the desired tension.

**If this is done properly the nose will disappear into the socket (If off axis, the nose will be proud. Move hand slightly until drill angle is achieved allowing the nose of the anchor to seat firmly in the hole).*



step
11

Release suture and advance the anchor into the socket using a mallet with small short strikes. Insertion is complete when the laser line on the driver is flush with the surrounding bone.



step
12

Once the anchor is inserted to proper depth, pull on sutures to confirm fixation. Extract the driver from the anchor by simultaneously rotating and pulling the inserter along the axis of insertion, taking care to avoid levering the inserter in the anchor. Cut suture tails.

Instability Repair *with Knotless Push-In Suture Anchors*



step
13

Repeat steps as necessary to complete the repair.

Knotless AP Push-In *Suture Anchors*



Knotless AP Push-In Suture Anchors are recommended for use in both large and small-joint repairs. The proven design of the knotless product family has been updated with Advanced Polymer (AP) material that is comprised of 70% PLGA and 30% B-TCP.

Features & Benefits

Advanced Polymer

- Resorbable
- Radiolucent
- MR Safe

Knotless

- Provides a step-saving alternative to conventional knotted suture anchors
- Eliminates knot stacks associated with soft tissue irritation

Knotless AP Push-In Suture Anchor

Part #	Diameter (mm)	Length (mm)	Description	Material
10802	2.8	10.1	28 Knotless, Push-In Suture Anchor, w/Suture Passer	PLGA & B-TCP

Push-In Suture Anchors Instrumentation

Part #	Description	Sterile/ Non-Sterile	Single-use/ Reusable
10330	V-Mouth drill guide	Non-Sterile	Reusable
10405	Trocar tip obturator	Non-Sterile	Reusable
10615U	28 Knotless drill bit, w/positive stop	Non-Sterile	Reusable
10446	8-point drill guide	Non-Sterile	Reusable
10924	8-point slotted knotless drill guide, w/beaver tail handle	Non-Sterile	Reusable
10406	Blunt tip obturator	Non-Sterile	Reusable
10771	Conical tip obturator, w/1.8mm cannulation	Non-Sterile	Reusable

Suture Options for Knotless Anchors

Part #	Size	Total Length (in)	Implant Description
20049S	#2	36	Parcus Braid, sutures (wht/blu & wht/blk)
20056S	#2	24	Parcus Braid, infinity loop (wht/blu), w/needle
20174S	1.6mm	39	Parcus Braid, infinity loop, suture tape (wht/blu) w/straight needle
20032S	1.6mm	39	Parcus Braid, suture tape (wht/blu)
20034S	1.6mm	39	Parcus Braid, suture tape (wht/blk)



Knotless PEEK Push-In *Suture Anchors*



Knotless PEEK Push-In Suture Anchors are recommended for use in both large and small-joint repairs.

Features & Benefits

Made of PEEK

- Non-absorbable
- Bio-inert
- Radiolucent
- MR Safe

Knotless

- Provides a step-saving alternative to conventional knotted suture anchors
- Eliminates knot stacks associated with soft tissue irritation

Knotless PEEK Push-In Suture Anchor

Part #	Diameter (mm)	Length (mm)	Description	Material
11321	2.8	10	Knotless PEEK Push-In Suture Anchor w/Driver, w/Suture Passer	PEEK

Push-In Suture Anchors Instrumentation

Part #	Description	Sterile/ Non-Sterile	Single-use/ Reusable
10330	V-Mouth drill guide	Non-Sterile	Reusable
10405	Trocar tip obturator	Non-Sterile	Reusable
10615U	28 Knotless drill bit, w/positive stop	Non-Sterile	Reusable
10446	8-point drill guide	Non-Sterile	Reusable
10924	8-point slotted knotless drill guide, w/beaver tail handle	Non-Sterile	Reusable
10406	Blunt tip obturator	Non-Sterile	Reusable
10771	Conical tip obturator, w/1.8mm cannulation	Non-Sterile	Reusable

Suture Options for Knotless Anchors

Part #	Size	Total Length (in)	Implant Description
20049S	#2	36	Parcus Braid, sutures (wht/blu & wht/blk)
20056S	#2	24	Parcus Braid, infinity loop (wht/blu), w/needle
20174S	1.6mm	39	Parcus Braid, infinity loop, suture tape (wht/blu) w/straight needle
20032S	1.6mm	39	Parcus Braid, suture tape (wht/blu)
20034S	1.6mm	39	Parcus Braid, suture tape (wht/blk)



Knotless PEEK CF Push-In *Suture Anchors*



Knotless PEEK CF Push-In Suture Anchors are recommended for use in both large and small-joint repairs and are comprised of PEEK Carbon Fiber.

Features & Benefits

Made of carbon fiber-reinforced PEEK

- Non-absorbable
- Radiolucent
- MR Safe
- Modulus of elasticity closely matches cortical bone

Knotless

- Provides a step-saving alternative to conventional knotted suture anchors
- Eliminates knot stacks associated with soft tissue irritation

Knotless PEEK CF Push-In Suture Anchor

Part #	Diameter (mm)	Length (mm)	Description	Material
10312	2.8	10.2	28 Knotless, Push-In Suture Anchor, w/Suture Passer	PEEK CF

Push-In Suture Anchors Instrumentation

Part #	Description	Sterile/ Non-Sterile	Single-use/ Reusable
10330	V-Mouth drill guide	Non-Sterile	Reusable
10405	Trocar tip obturator	Non-Sterile	Reusable
10615U	28 Knotless drill bit, w/positive stop	Non-Sterile	Reusable
10446	8-point drill guide	Non-Sterile	Reusable
10924	8-point slotted knotless drill guide, w/beaver tail handle	Non-Sterile	Reusable
10406	Blunt tip obturator	Non-Sterile	Reusable
10771	Conical tip obturator, w/1.8mm cannulation	Non-Sterile	Reusable

Suture Options for Knotless Anchors

Part #	Size	Total Length (in)	Implant Description
20049S	#2	36	Parcus Braid, sutures (wht/blu & wht/blk)
20056S	#2	24	Parcus Braid, infinity loop (wht/blu), w/needle
20174S	1.6mm	39	Parcus Braid, infinity loop, suture tape (wht/blu) w/straight needle
20032S	1.6mm	39	Parcus Braid, suture tape (wht/blu)
20034S	1.6mm	39	Parcus Braid, suture tape (wht/blk)



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