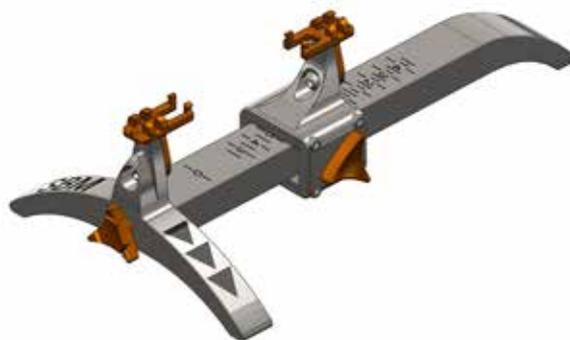


ACL Reconstruction

Adjustable juxta-cortical fixation for bone-tendon-bone grafts

Assembly on GraftTech® table



or foldable GraftTech®



BT LOOP®

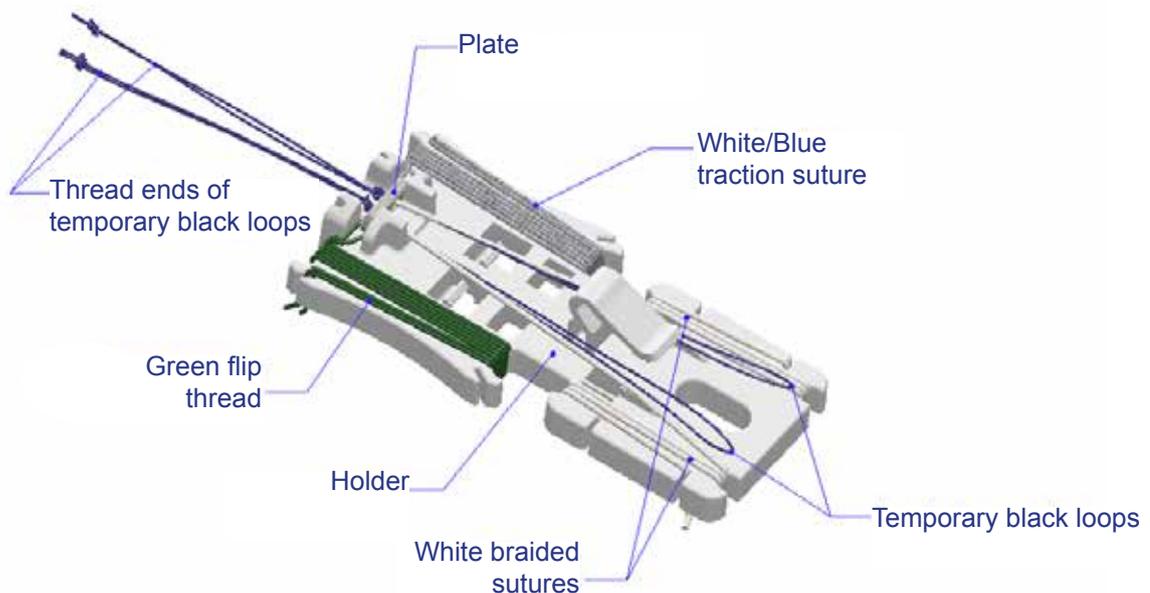
- ▶ Strength and rigidity
- ▶ Adjustable: one-size-fits-all
- ▶ 360° graft/tunnel contact





BT LOOP[®] : Product Description

Because the graft includes bone blocks, the loops must be passed through each bone block and tendon in the operating room.



Pull, Flip, Adjust.

BT LOOP[®]

Fixation solution for cruciate ligament reconstruction:

Reproducible

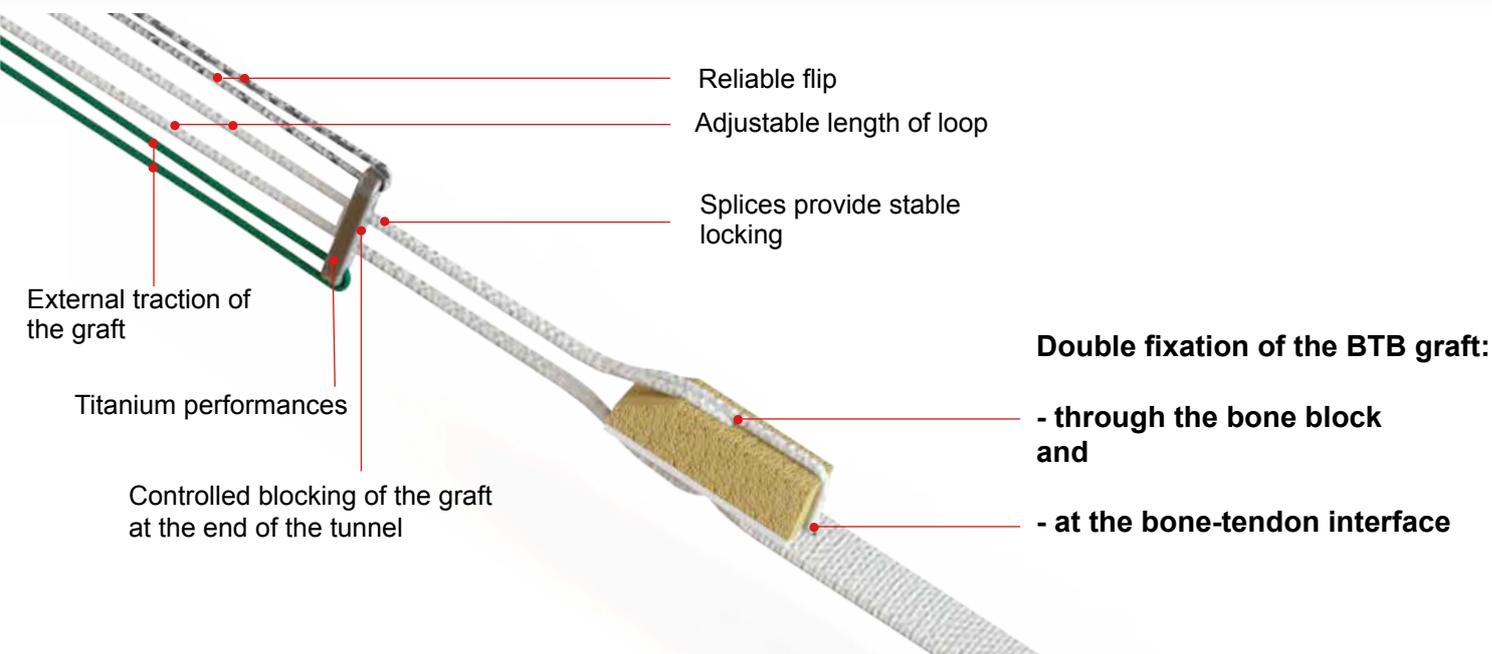
Controlled locking at base of blind tunnel, conservation of bone stock.

Simple

No pre-op planning of tunnel length, perioperative adjustment.

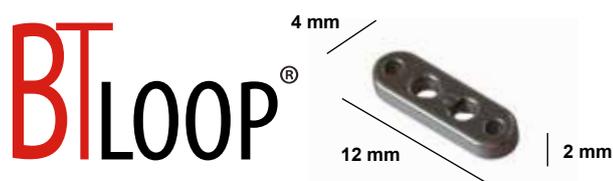
Reliable

Stable locking system, renowned materials; 360° contact within the tunnel

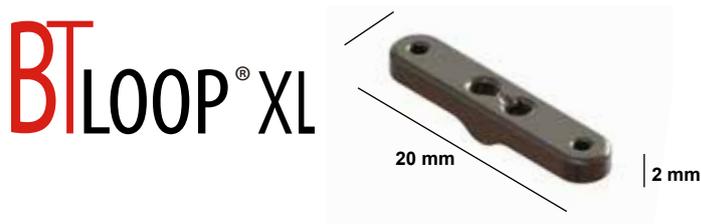


A system that can be adapted to your surgical approach

The PULLUP[®] system is available in two versions:



For cortical tunnels \varnothing 4.5 mm



For cortical tunnels \varnothing 5 to 10 mm

Surgical technique

Specific characteristics of the PULLUP® BTB fixation

1. GRAFT HARVEST AND PREPARATION



Harvest the bone-tendon-bone graft, clean it and size it down to match the diameter of the tunnels to ease its passage through the tunnels.

2. INSTALL THE DEVICE ON THE GrafTech®

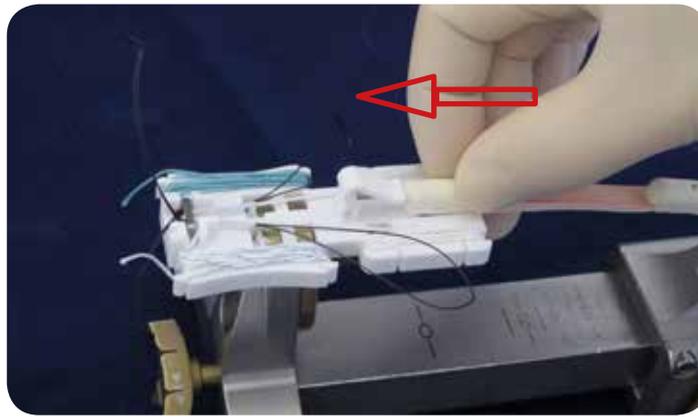


Push in the middle of the four square apertures to clip the preparation holder on the bracket until a click is heard.

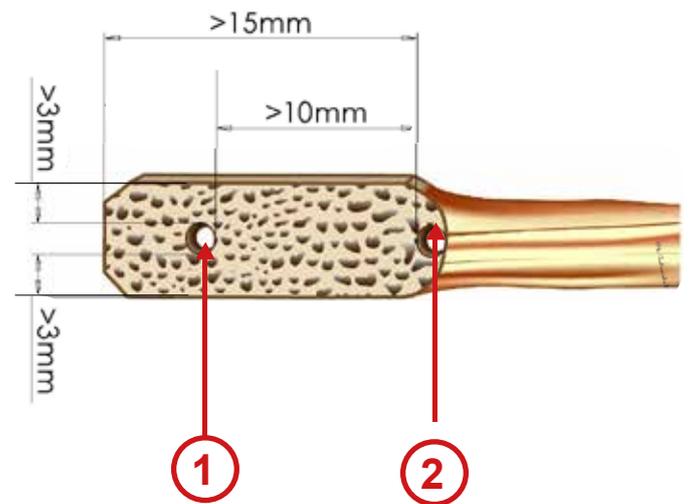


Also push on the front part of the preparation holder to make sure it is entirely clipped on the bracket, a second click must be heard.

3. PLACING THE GRAFT ON THE HOLDER AND DRILLING THROUGH THE GRAFT



Clip the graft under the dedicated clip on the preparation holder.



1. Drill a 1st hole through the bone block

Drill a through-hole in the center of the bone block with a 1.5 mm drill bit. Make sure you leave at least 3 mm of bone between the hole and the edges of the bone block.

2. Drill a 2nd time at the bone-tendon interface

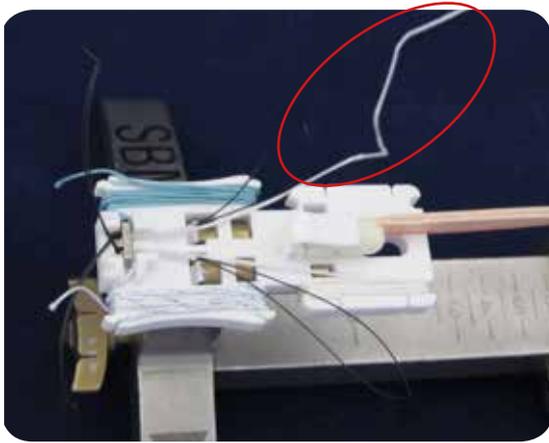
Now drill through the graft at the bone-tendon interface. The two holes must be separated by at least 1 cm.



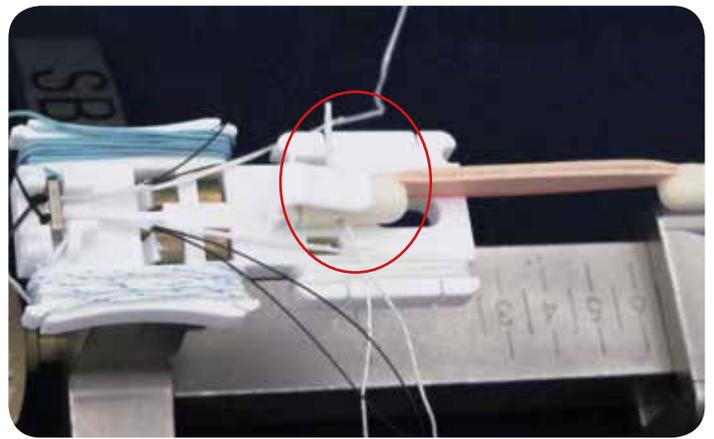
Rotate the bone block by 90° and push it entirely under the clip.

4. FIXING THE IMPLANT TO THE GRAFT

1

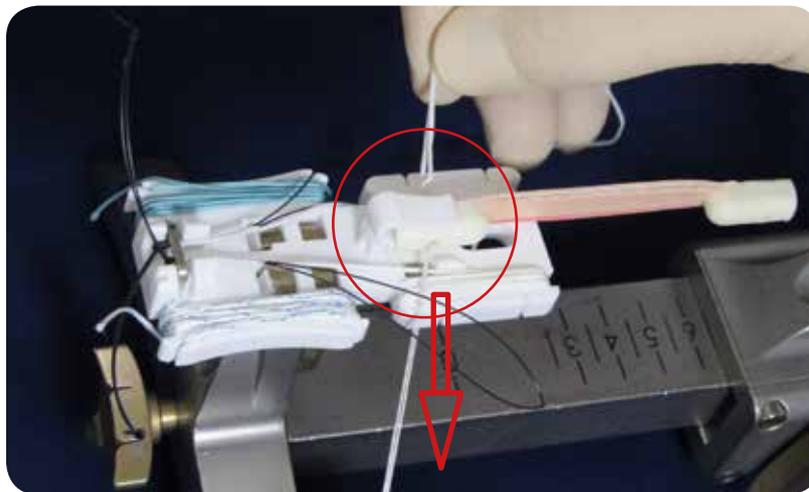


Completely unravel one of the two white braided sutures.



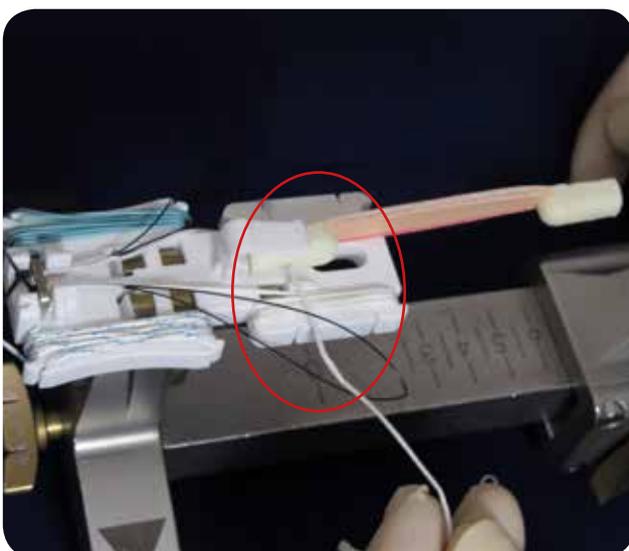
Introduce a needed suture-passer through the bone block.

2

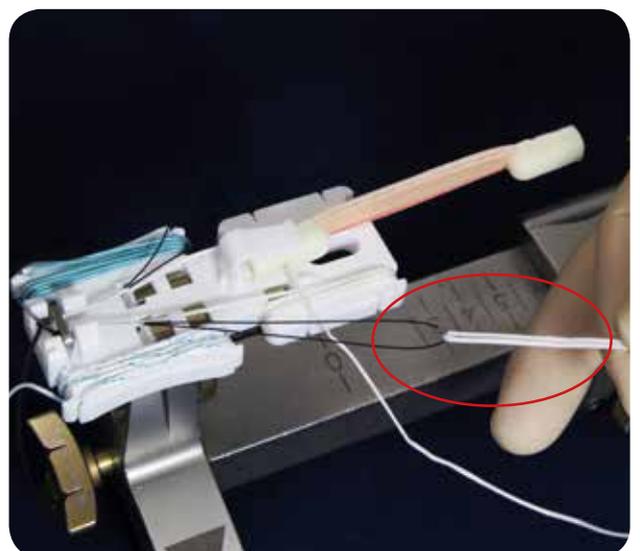


Thread the end of the white braided suture through the suture-passer. Pass the threaded suture-passer through the bone block until the white braided suture has passed through the graft.

3

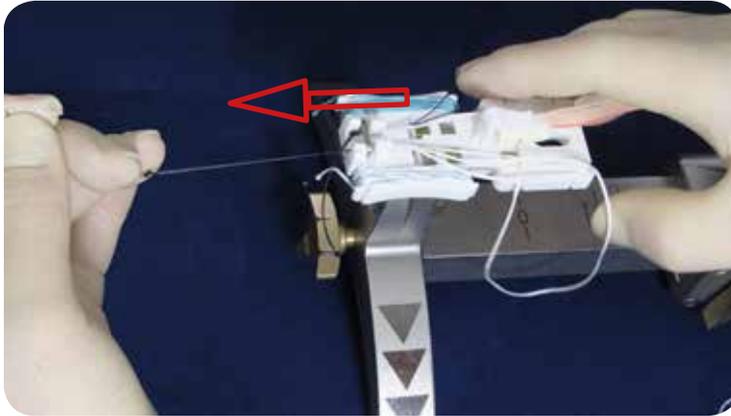


Pass the end of the white braided suture (a maximum of 10 cm) through the black temporary loop.



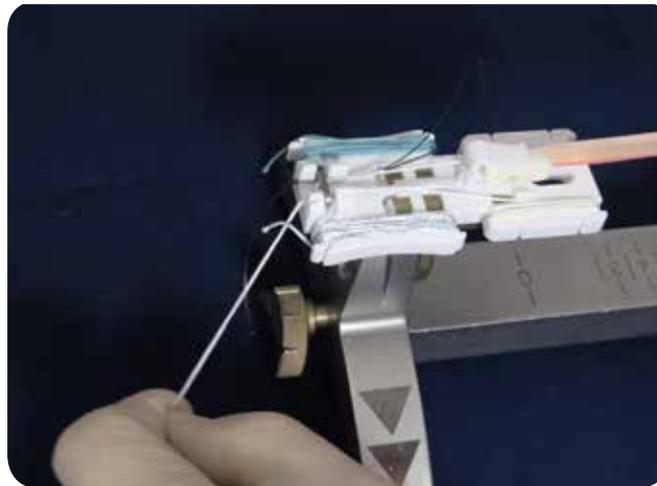
Fold the white braided suture over and press to flatten the fold as this will ease its passage through the splice.

4



Gently pull on the free ends of the temporary black loop (by remaining in line with the splice) while holding the corresponding white braided suture. The temporary black loop should go through the splice.

5



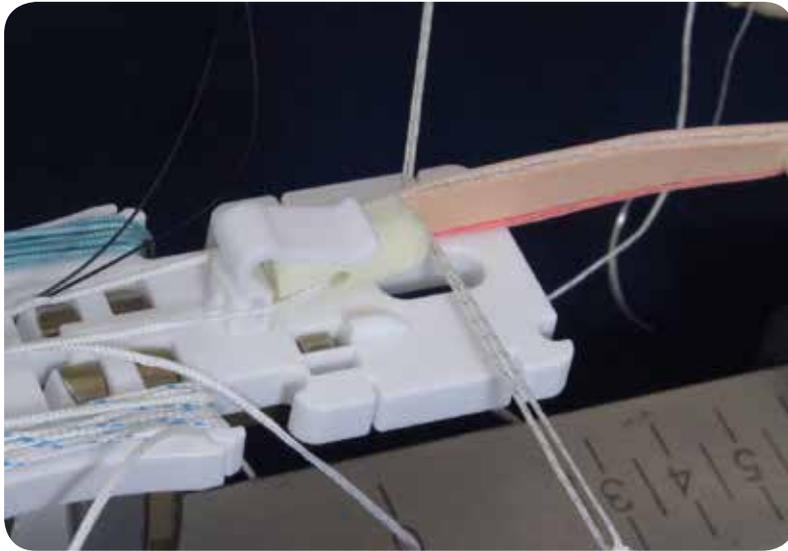
Pull on the white braided suture until the free end completely exits the splice, then continue pulling very gently to reduce the size of the loop without exerting any tension.

6



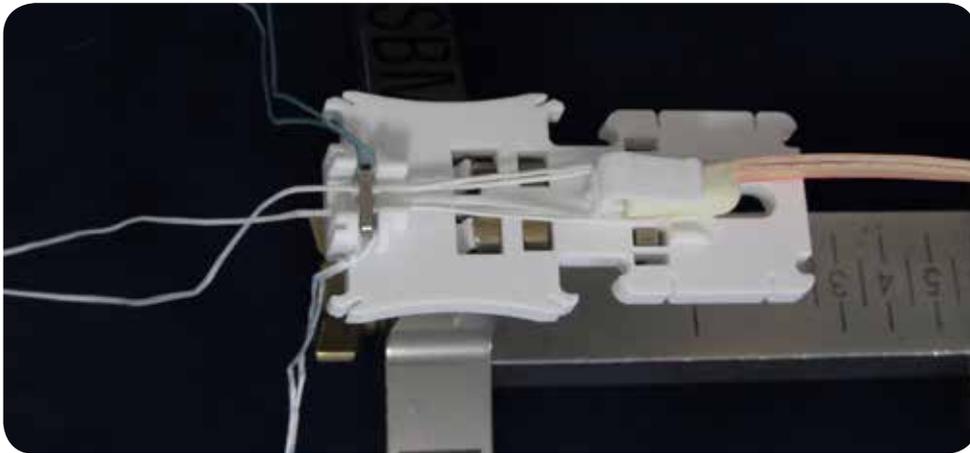
Wind the white braided suture once around the suture winder before wedging it in inside the free notch located on the side.

7



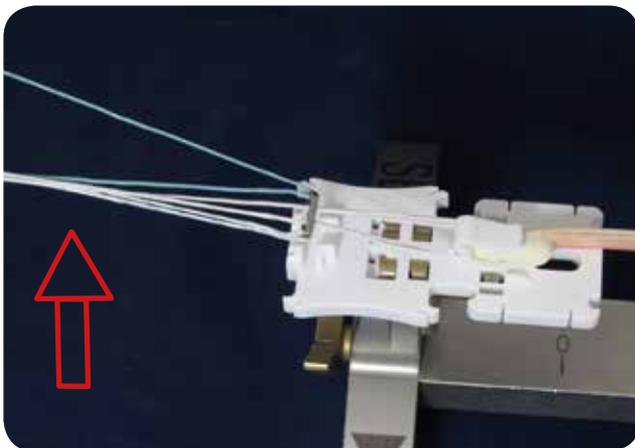
Repeat steps 1 to 5 with the other white braided suture by passing it in the opposite direction through the hole drilled at the tendon-bone interface.

8

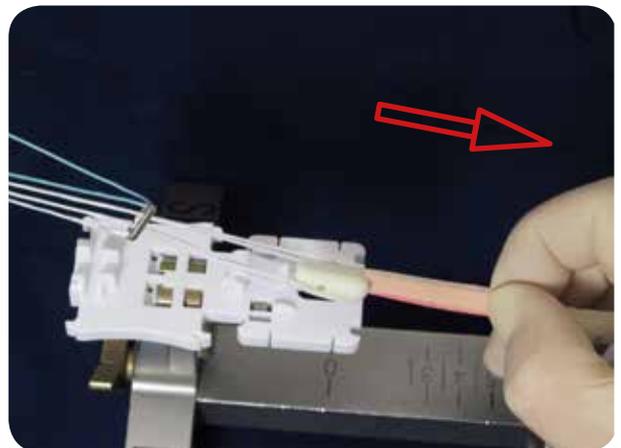


Completely unravel all the sutures from the winder.

9

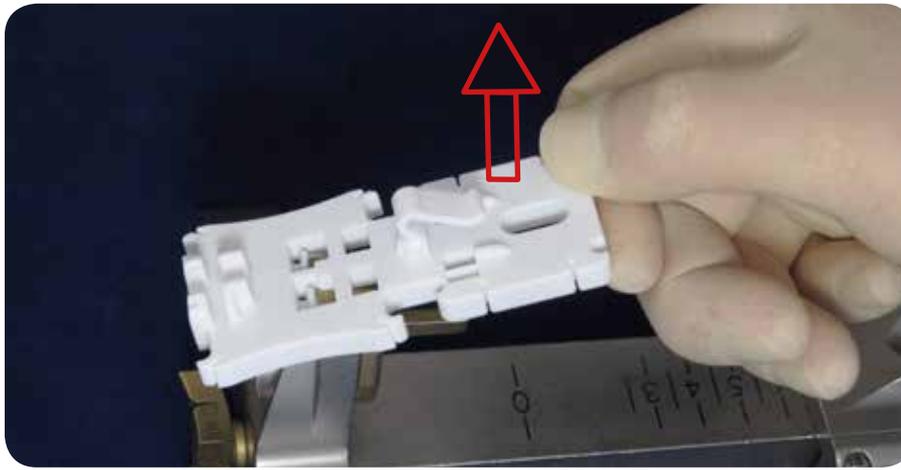


Remove the button-plate from its compartment by pulling on all the sutures.



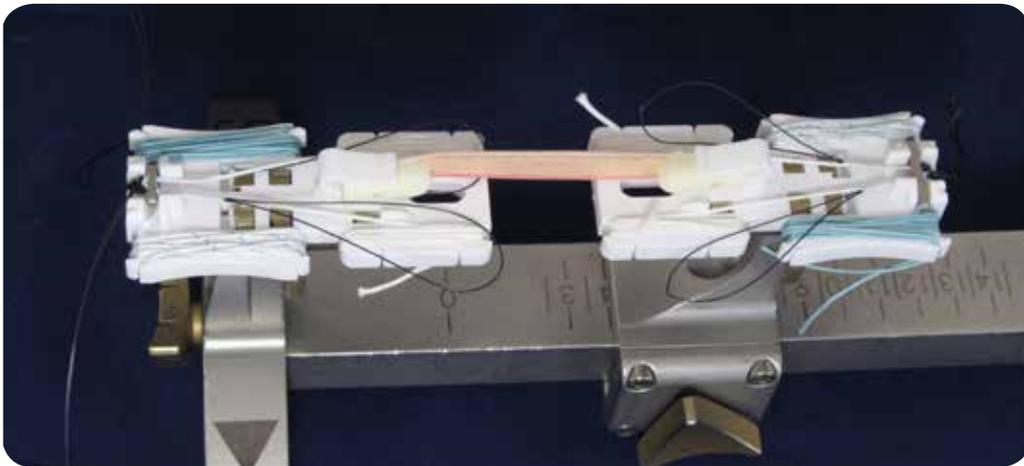
Pull on the bone block to remove it from under the clip. There should be at least 4 cm between the button-plate and the bone block.

10



Remove the BTloop® preparation holder from the GraftTech®.

11



Repeat all the steps to assemble a BTloop® or a BTloop® XL at the other end of the graft.

Courtesy of Dr. Philippe Colombet

Designation

BTLOOP® adjustable implant for tendon reinforcement in cortical tunnel

Codes	Designation	Packaging
BTB0001709	BTloop - Adjustable fixation system for ligament reconstruction (BTB technique) in cortical tunnel Ø 4.5 mm	1
BTBXL01709	BTloop XL- Adjustable fixation system for ligament reconstruction (BTB technique) in cortical tunnel Ø 5 to 10 mm	1

GraftTech® preparation station

Codes	Designation	In the basket
PULL000217	GraftTech® preparation station base	1
PULLTAB001	GraftTech® preparation station stainless steel basket with silicones	1
PULLTAB002	GraftTech® preparation station stainless steel basket lid	1
PULLTAB000	GraftTech® preparation station instrumentation set including brackets	

Foldable GraftTech®

Codes	Designation	In the basket
PULL00A309	Foldable GraftTech stand	1
PULL00B309	Tripod bracket for Foldable GraftTech	1
PULL00C309	Sleeper bracket for Foldable GraftTech	1
PULL00D309	Adjustment knob for Foldable GraftTech	1
PULL000309	Foldable GraftTech® preparation station - complete set	

Introduction to SBM

SBM (Science & BioMaterials) has been specialized in the design, manufacture and distribution of biomaterials for bone surgery since 1991. The company's priority is the development and optimization of medical devices which promote bone healing and human tissue replacement.

By completely controlling its technique in biomaterials, the company elaborates a range of innovative, 100% synthetic and absorbable systems along with specific ancillary instrumentation. Firmly established on the French domestic market, SBM has expanded its activities abroad in more than 40 countries for the sale and development of new products, in order to better meet the demands of the medical industry worldwide.



SBM SAS



Carefully read the instructions for use that comes with the medical device or labeling provided to medical professionals. Document not legally binding - Can be modified without prior notice.
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