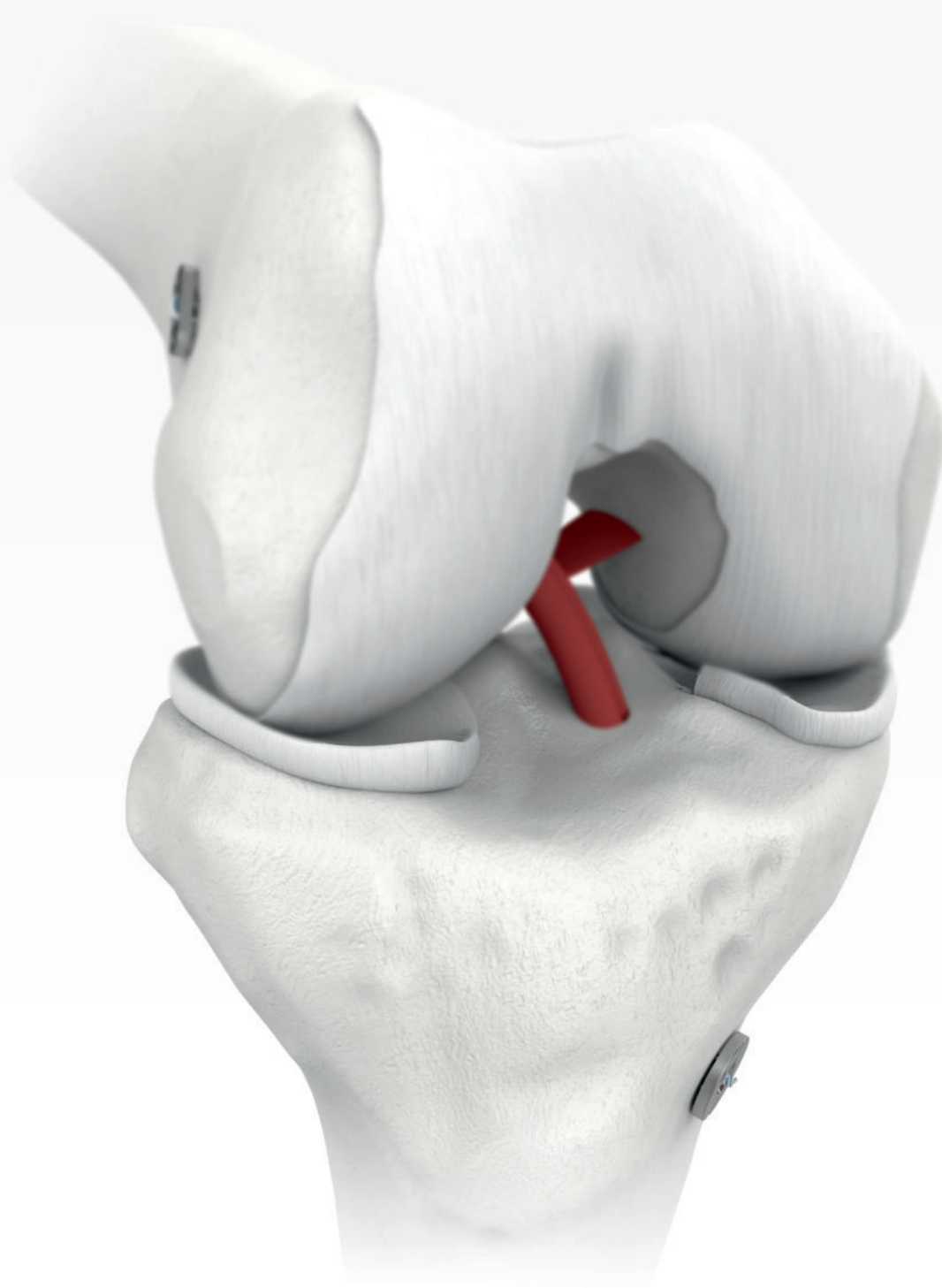


## Surgical Technique

### ACL Reconstruction using

AUXILOCK<sup>®</sup> GFS No-Button Adjustable Loop & AUXILOCK<sup>®</sup> GFS Concave Button



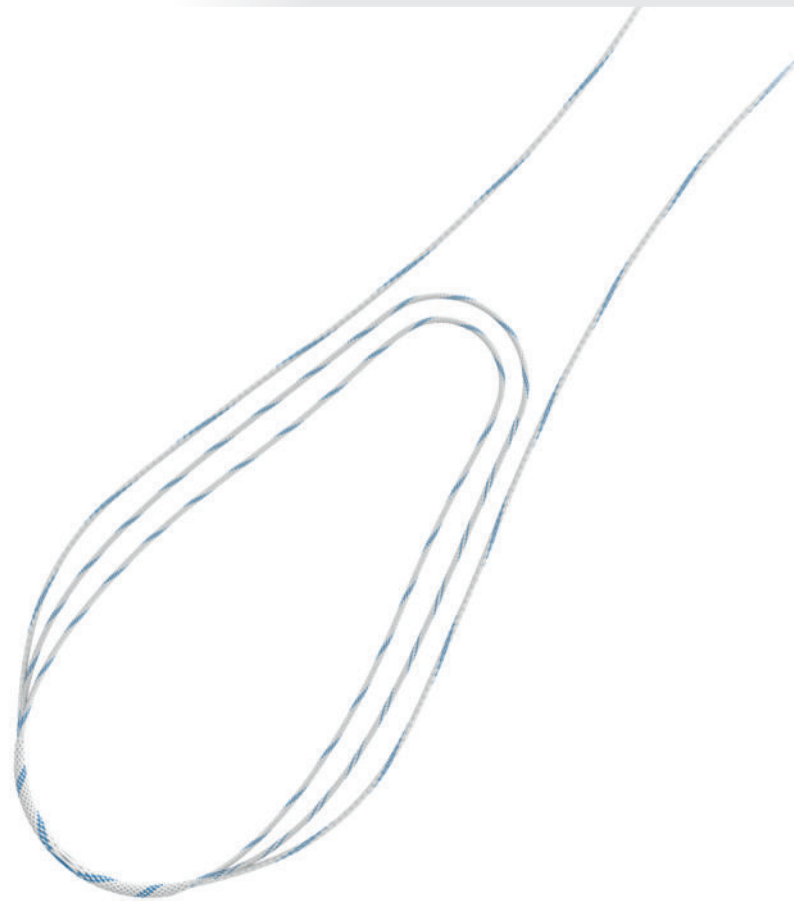
## PRODUCT OVERVIEW

### GFS No-Button Adjustable Loop

GFS No-Button is an adjustable loop without button used for Cruciate Graft Reconstructions. The adjustable Loop is made of UHMWPE (Ultra High Molecular Weight Polyethylene).

### Product Features

- Adjustable loop can be tightened to the needed size (min:12mm to max:70mm), simplifying the surgical procedure and eliminating the need to stock multiple sizes.
- High strength, non-absorbable loop made of UHMWPE.
- The adjustable loop is made of UHMWPE (Ultra High Molecular Weight Polyethylene).



### GFS CONCAVE BUTTON

The GFS Concave Button Attachable Button System Concave Button has revolutionized tibial fixation of ACL and PCL grafts. GFS Concave Button loops can be used on all graft types and attached to a variety of button configurations for fixation over “retroreamed” sockets or full tunnels with concave buttons. The advantages of the GFS Concave Button implant include.

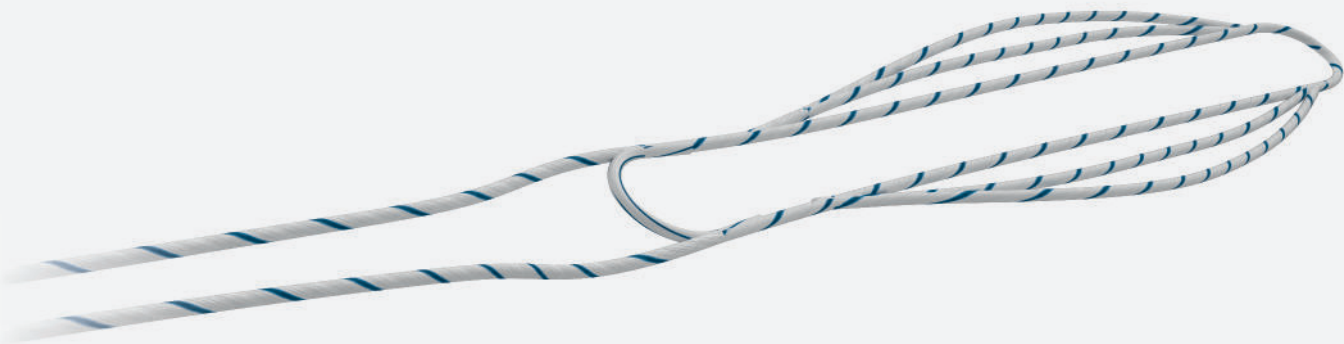


### Product Features

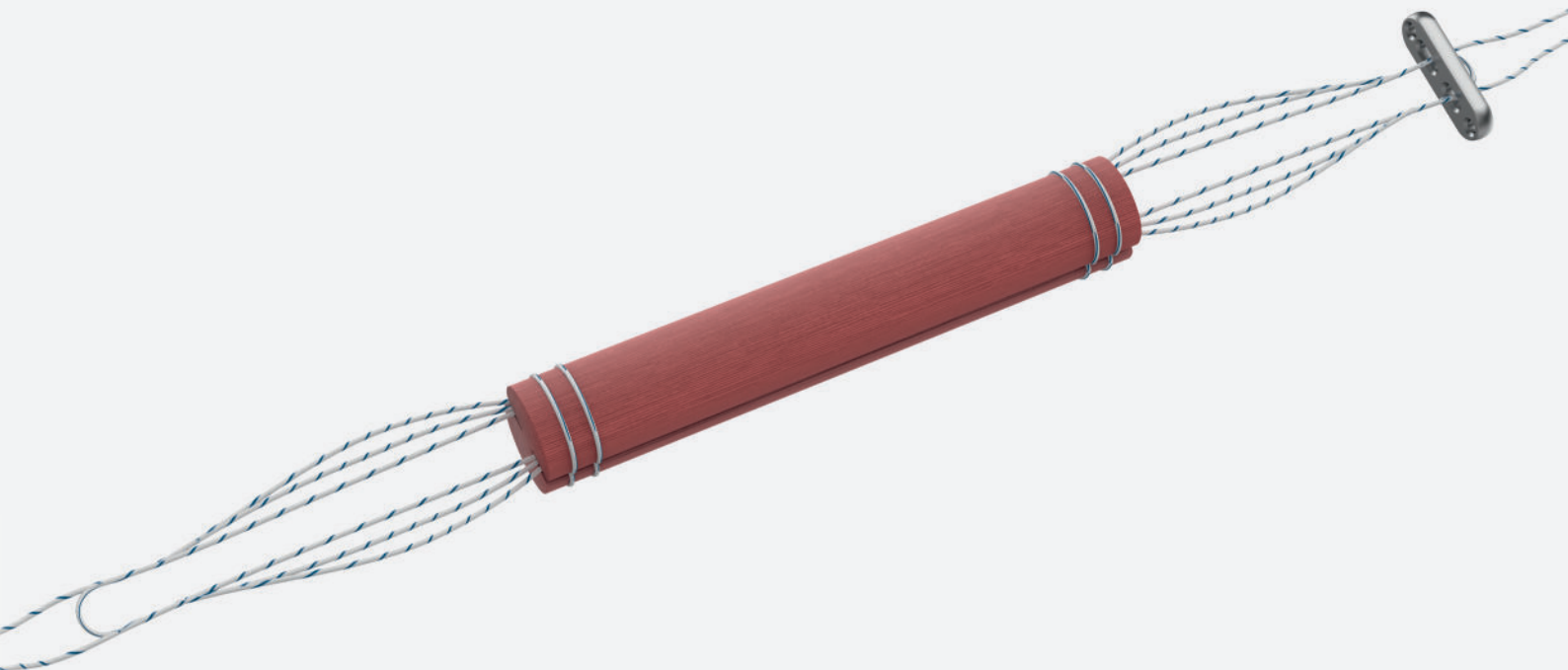
- Strong, reliable cortical fixation superior to interference screws
- Maximum graft-to-bone contact improves incorporation and healing
- The ability to retention grafts after fixation and knee cycling
- Several different button options for sockets and full tunnels

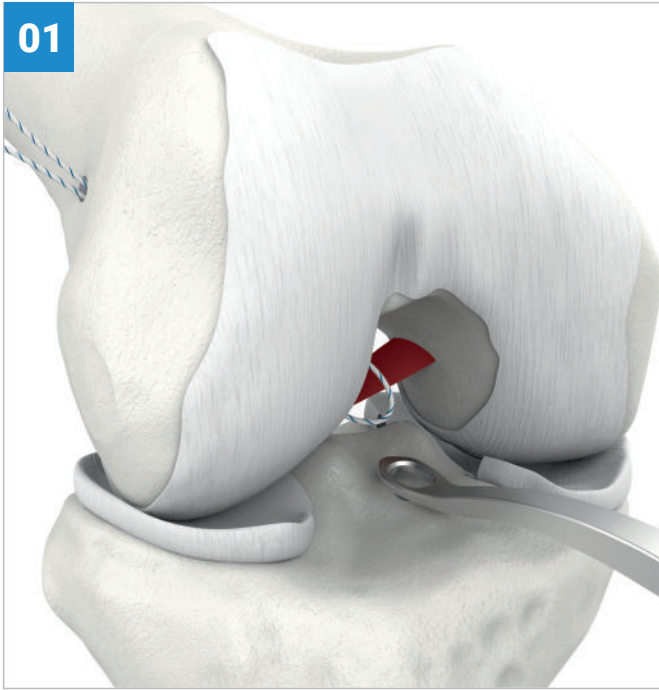
## Graft Options

GFS No-Button Adjustable Loop fixation can be used in conjunction with any graft type. The GFS No-Button Adjustable loop allows fixation of grafts that can be passed around a closed loop (hamstrings) or sutured to the graft (quad tendon). The Open GFS No-Button Adjustable loop can be assembled around closed-end grafts such as BTB and Achilles bone blocks.

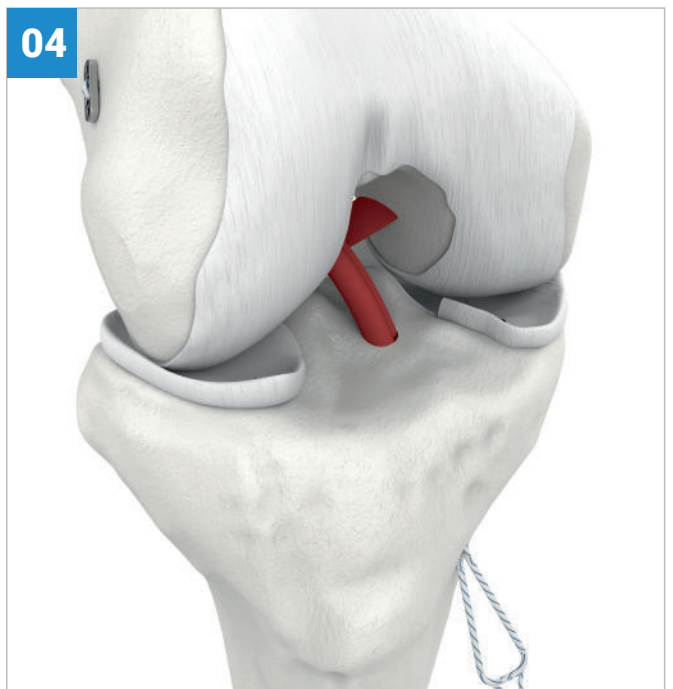
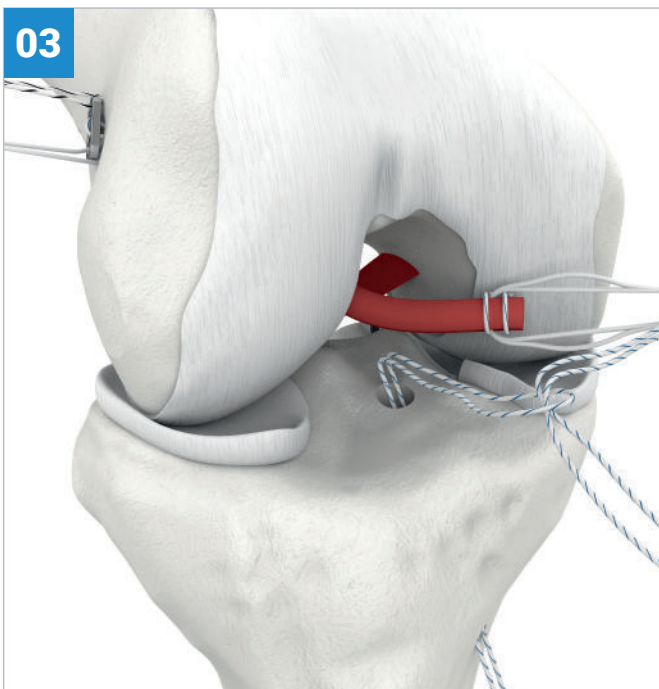


GFS No-Button Adjustable Loop



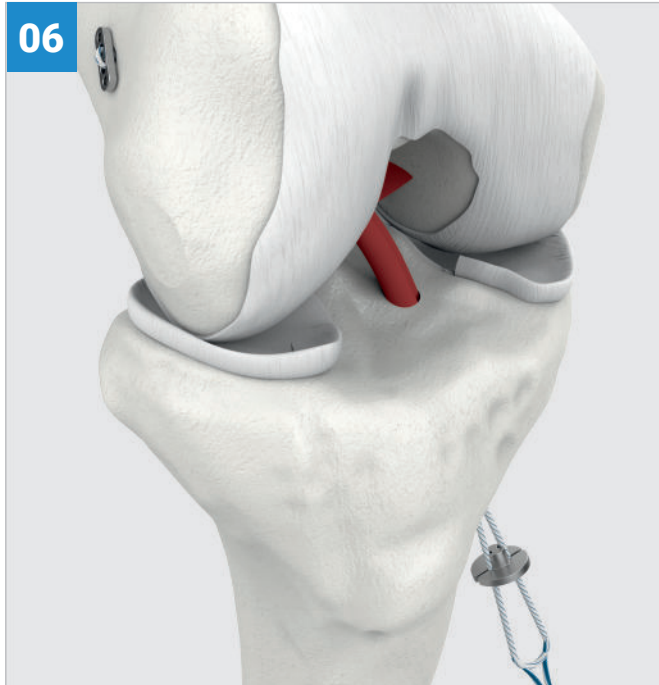
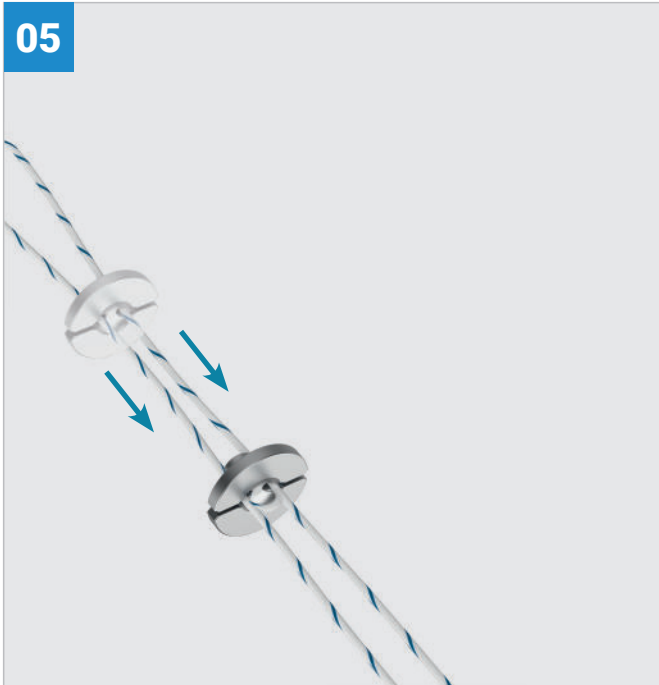


A tibial socket can be prepared with the Flykuter and the side-release RetroConstruction guide. FlipCutter reamers create socket diameters from 6mm-13mm while only leaving a small perforation through the cortex. Use a BioBraid suture to shuttle the graft retrograde into the socket.



Pass the GFS No-Button Adjustable Loop through the tibial socket by attaching a passing suture to the spliced area. Also, pass any backup sutures attached to the graft.

Once the Adjustable loop is passed, remove the passing suture and pull on the inside of the loop and backup sutures to fully insert the graft into the tibial socket.



Pull on the tensioning strands to advance the button towards the bone. Load the backup sutures into the slots before the button enters the skin. Perform final tensioning by pulling Adjustable Loop strands; cycle the knee and retention, if desired. Backup sutures may now be tied over the button.

After passing the graft transtibially, attach the GFS No-Button Adjustable Loop Concave button to the proximal GFS loop by inserting each side into its respective slot and pulling the button down to the spliced area where it will be locked onto the loop. If backup sutures are going to be used, place them through the additional holes in the button.

Pull the GFS NO-Button Adjustable Loop tensioning strands to advance the button to bone. Ensure the collar of the button enters the tunnel and the button is lying flat on the cortex.

**The concave ABS buttons are indicated for tunnels of 4 mm- 13 mm in diameter.**



CONCAVE BUTTON  
11 - 4 MM COLLAR

Use with 4mm-7mm  
tunnels



CONCAVE BUTTON  
14mm w -7mm COLLAR

Use with 7mm-9mm  
tunnels

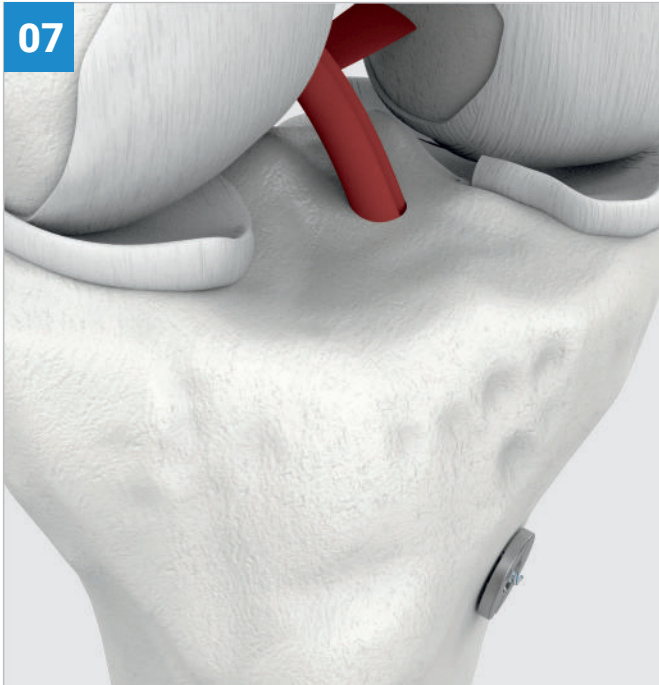


CONCAVE BUTTON  
20mm W -9mm COLLAR

Use with 9mm-13mm  
Tunnels



CONCAVE BUTTON  
14mm



Final graft tension may now be set by pulling on tensioning strands of the GFS No-Button Adjustable Loop implant. Cycle the knee and retension the implant, if desired. Cut the tensioning strands and tie the backup sutures over the button.

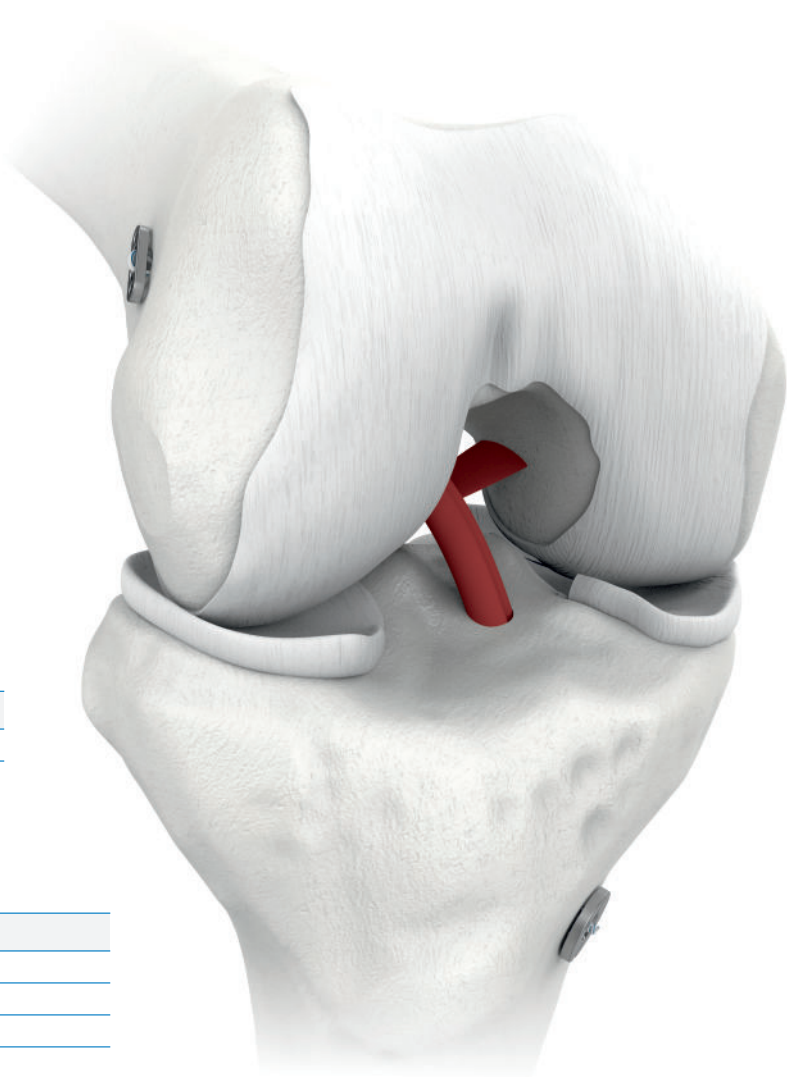
## ORDERING INFORMATION

### GFS No-Button Adjustable Loop

Code	Product Description
6-049-01	AUXILOCK <sup>®</sup> GFS No-Button Adjustable Loop

### GFS Concave Button

Code	Product Description
6-050-01	AUXILOCK <sup>®</sup> GFS Concave Button 11mm with 4mm Collar
6-050-02	AUXILOCK <sup>®</sup> GFS Concave Button 14mm with 7mm Collar
6-050-03	AUXILOCK <sup>®</sup> GFS Concave Button 20mm with 9mm Collar
6-050-04	AUXILOCK <sup>®</sup> GFS Round Button without Collar, 14mm



## **USA**

### **Auxein Inc.**

1500 Nw 89th Court, Suite 107-108  
Doral, Florida 33172  
Tel: +1 305 395 6062  
E Fax: +1 305 395 6262  
Email: USoffice@auxein.com

## **MEXICO**

### **Auxein México, S.A. de C.V.**

Tepic 139 int 801, Colonia Roma Sur,  
Alcaldía Cuauhtémoc, CDMX,  
México, C.P. 06760  
Tel: +521 55 7261 0318  
Email: info@auxein.mx

## **INDIA**

### **Auxein Medical Pvt. Ltd.**

Plot No. 168-169-170, Phase-4,  
Kundli Industrial Area,  
HSIIDC, Sector-57, Sonapat - 131028, Haryana  
Tel: +91 99106 43638 | Fax: +91 86077 70197  
Email: info@auxein.com