

# Knee Arthroscopy ACL / PCL Reconstruction Technology

Product Marketed by



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Aosys Private Limited offers a complete line of knee arthroscopy products working in conjunction with some of the industry's most innovative surgeons. We focus our research and development efforts on technique-specific devices for Cruciate and Meniscal Reconstruction and repair systems, Graft Harvesting, Tunnel Preparation, Implants as well as Meniscal associated accessories.

## **Endo Button with Loop**

- Solid fixation for either primary or auxiliary fixation in ACL or PCL reconstruction.
- Continuous loop of suture braid liminates the need for knot tying. Ideal for a post or screw and washer technique.
- Distal fixation allows circumferential healing of the ACL graft to tunnel wall.
- Significantly enhances soft tissue apposition to bone to speed healing and strengthen the repair.

Code No.:	Size	
A2891015	15mm	
A2891020	20mm	
A2891025	25mm	
A2891030	30mm	
A2891035	35mm	
A2891040	40mm	



## Endo Button

The titanium button is the original endoscopic femoral soft tissue fixation device. It can be used for single incision, soft tissue, or bone-tendon-bone fixation.

# **Size :** A2891000

## Interfrance Screw Cannulated (PEEK)

- Interference Screws provide strong mechanical fixation for both bone patellar tendon-bone (BTB) and soft tissue grafts in ACL and PCL reconstruction.
- Interference Screws feature a thread pattern that allows for a simple surgical technique, with minimal tunnel preparation.
- Non-absorbable interference screw incorporates PEEK polymer from Evonik.
- PEEK material exhibits an ideal combination of strength, stiffness and toughness which surpasses absorbable materials.
- PEEK (Poly-Ether-Ether-Ketone) is a thermoplastic material with excellent biocompatibility and biostability characteristics as per ASTM F2026.
- Interference screws offer the revision ability of an absorbable screw.
- PEEK has inherent radiolucent characteristics that have widely gained confidence and acceptance in the medical community.

A40840623 - Dia. 6.0mmLength. 23mm, PEEK, SterileA40840923 - Dia. 9.0mmLength. 23mm, PEEK, SterileA40840723 - Dia. 7.0mmLength. 23mm, PEEK, SterileA40840928 - Dia. 9.0mmLength. 28mm, PEEK, SterileA40840728 - Dia. 7.0mmLength. 28mm, PEEK, SterileA40841028 - Dia. 10.0mmLength. 28mm, PEEK, SterileA40840823 - Dia. 8.0mmLength. 23mm, PEEK, SterileA40841035 - Dia. 10.0mmLength. 35 mm, PEEK, SterileA40840828 - Dia. 8.0mmLength. 28mm, PEEK, SterileA40841135 - Dia. 11.0mmLength. 35 mm, PEEK, Sterile

### Interference Screws, Cannulated (Titanium)

- Specifically designed for endoscopic femoral fixation where graft protection is needed.
- Polished, fully radiused threads provide maximum graft protection.
- Wide-bore cannulation for easy guide wire removal.
- The Taper-Tip style offers sharper initiating threads and a more pronounced taper for faster, easier insertion.
- Designed to reduce the possibility of bone plug migration during placement.
- Round head reduces possibility of graft damage during or after implantation.
- Universal screw for either tibial or femoral applications. Standard 4.5mm hex for easy insertion and removal.
- Cannulated for use with a guide wire.
- Material Titanium alloy.

Code No.:	Dia	Size
A20840620 to A20840635	6mm	20mm to 35mm
A20840720 to A20840735	7mm	20mm to 35mm
A20840820 to A20840835	8mm	20mm to 35mm
A20840920 to A20840935	9mm	20mm to 35mm
A20841020 to A20841035	10mm	20mm to 35mm
A20841120 to A20841135	11mm	20mm to 35mm







# **Spiked Ligament Staple For Knee**

- The staple fixation system provides a simple means of attaching tissue to bone.
- \* Low-profile, wide staple base provides better load distribution.
- Spike-post leg design encourages uninterrupted vascular flow to the underlying tissue.
- Sharp leg points for easier penetration into cortical bone.
- Two pronged implant for superior pull out strength.
- Fixation staples are available in two sizes.
- Material Titanium alloy.

Width Space	Length	Code No.
6mm	20mm	A2890006
8mm	20mm	A2890008
11mm	20mm	A2890011
16mm	20mm	A2890016



### **Tibial Post Fixation Screw**

- Used to securely trap attached sutures and bulky suture knots atraumatically under the low profile head to eliminate soft tissue irritation.
- Available in diameter 6.5mm and lengths 30mm.
- Material Titanium alloy.

#### Size : A2093030 - Dia.6.5mm, Length.30mm

### **Tibial Base Plates**

- Used for tibial fixation of the ACL and PCL graft.
- Indirect extra-articular fixation of tibial and tibial-end of the graft.
- Available in two versions-round hole and D-hole.
- Material Titanium alloy.



**Size :** A286300R - Round hole A286300D - D-hole

### Low-Profile Cancellous Screws & Spiked Washers

- The low-profile screw and washer combination provides 31% to 50% lower profile than competitive versions.
- Low profile cancellous screw and spiked washer set provide continuous strength for soft tissue fixation to bone.
- Low profile head to reduce soft tissue irritation.
- Can be used as a post screw for suture or soft tissue fixation.
- Ideal for ACL, PCL, collateral ligament or posteriolateral reconstruction.
- Unique washer design with spikes on the inferior surface provides excellent fixation of soft tissue to bone.
- Low profile cancellous screws available in diameter 4.0mm and 6.5mm. Spiked washers also available in small and large size accordingly.
- Material Titanium alloy.

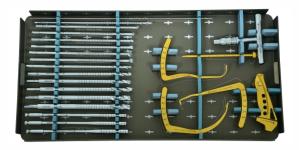
A2862040 - Spiked washer for 4.0mm Cancellous screw A2862065 - Spiked washer for 6.5mm Cancellous screw

Code No.:	Dia	Length	
A2862S30	4.0mm	30mm	
A2862S35	4.0mm	35mm	
A2862S40	4.0mm	40mm	
A2862C35	6.5mm	35mm	
A2862C40	6.5mm	40mm	

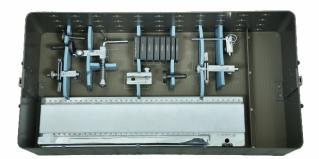




# Knee Arthroscopy Instrument Set







SR.NO.	PRODUCTS NAMES	Code No
1	Angle Bullate	X898.01
2	Arthroscopic Probe	X898.02
3	Cannulated Femoral Flowertip Reamer, Dia.6.0mm	X898.03
4	Cannulated Femoral Flowertip Reamer, Dia.7.0mm	X898.04
5	Cannulated Femoral Flowertip Reamer, Dia.8.0mm	X898.05
6	Cannulated Femoral Flowertip Reamer, Dia.9.0mm	X898.06
7	Cannulated Femoral Flowertip Reamer, Dia.10.0mm	X898.07
8	Cannulated Femoral Flowertip Reamer, Dia.11.0mm	X898.08
9	Cannulated Femoral Flowertip Reamer, Dia.12.0mm	X898.09
10	Cannulated Screwdriver for BioLoc Interference Screws	X898.10
11	Cannulated Tibial Reamer, Dia.6.0mm	X898.11
12	Cannulated Tibial Reamer, Dia.7.0mm	X898.12
13	Cannulated Tibial Reamer, Dia.8.0mm	X898.13
14	Cannulated Tibial Reamer, Dia.9.0mm	X898.14
15	Cannulated Tibial Reamer, Dia.10.0mm	X898.15
16	Cannulated Tibial Reamer, Dia.11.0mm	X898.16
17	Cannulated Tibial Reamer, Dia.12.0mm	X898.17
18	Convex Rasp	X898.18
19	Depth Gauge for ACL/PCL Reconstruction	X898.19
20	Elbow Aimer	X898.20
21 22	Femoral Aimer, 5mm	X898.21 X898.22
22	Femoral Aimer, 7mm Femoral PCL Elevator	X898.22
23 24	Graft Passing 2.4mm Drill Bit	X898.24
24	Graft Passing 2.41111 Diff Diff Diff	X898.25
26	Graft Prep Station	X898.26
27	Graft Sizing Block	X898.27
28	Graphic Case for Knee Arthroscopy Instruments	X898.28
29	Impactor for Spiked Ligament Staple	X898.29
30	Main zig	X898.30
31	Microfracture Awl, 30°	X898.31
32	Microfracture Awl, 45°	X898.32
33	Microfracture Awl, 90°	X898.33
34	PCL Femoral	X898.34
35	PCL Tibial	X898.35
36	Straight Rasp	X898.36
37	Straight Rasp	X898.37
38	Tendon Stripper, Closed End, 6mm	X898.38
39	Tendon Stripper, Open End, 7mm	X898.39
40	T-Handle for Tunnel Dilators	X898.40
41	Tunnel Dilator, 7mm	X898.41
42	Tunnel Dilator, 8mm	X898.42
43	Tunnel Dilator, 9mm	X898.43
44	Tunnel Plug, 7-8 mm	X898.44
45	Tunnel Plug, 8-9 mm	X898.45
46	Tunnel Plug, 9-10 mm	X898.46

### Product Marketed by :



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