



Meril

More to Life

SPORTS MEDICINE

"UNLEASH THE POTENTIAL"



Meril

More to Life

Cardiovascular | Orthopedics | Diagnostics | Endo-Surgery | Robotics | ENT

Meril is a global medical device company dedicated to the design and development of novel, clinically relevant, state-of-the-art and best-in-class devices to alleviate human suffering and improve the quality of life. We span a broad operational canvas ranging from vascular interventional devices to orthopedics, in-vitro diagnostics and endo-surgery.

We share an enduring perseverance to advance healthcare solutions, for more patients to live longer and healthier lives. We have a strong commitment towards R&D and adhere to the best quality standards in manufacturing, scientific communication and distribution known today.

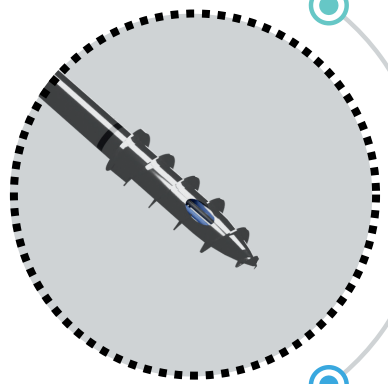
Established in 2006, Meril's launch was in line with the healthcare diversification plan of Bilakhia Group. Located in Vapi, 150km north of Mumbai, and ensconced within the serene hill-sides of Chala town, Meril sits proud in its ultra modern manufacturing facilities.



SHOULDER ARTHROSCOPY

INSTAREP-TI (Titanium Anchor)

Meril's INSTAREP-TI Titanium Ligament Anchors are designed to provide superior fixation in soft tissue repairs, offering a strong and biocompatible solution for orthopedic procedures.



High strength
titanium construction



USP #2
(UHMWPE) suture



Self-Tapping &
Screw-in Design



Strong Pull out
strength



INSTAREP-TI

Engineered for excellence, INSTAREP-TI offers dependable performance for surgeons looking for strength, precision, and ease of use in arthroscopic procedures.

Available in Multiple Sizes:

Offered #0 fibre wire, preloaded with ultra-high molecular weight polyethylene (UHMWPE) suture for secure fixation.

High-Strength Titanium Construction:

Made from Ti-6Al-4V (Grade 5 ELI) Titanium, ensuring exceptional strength, biocompatibility, and long-term performance.

Self-Drilling & Screw-in Design:

Facilitates efficient percutaneous delivery with a minimally invasive approach. A drill bit is available for hard bone fixation when necessary.

Enhanced Fixation Strength:

Provides high pull-out strength, ensuring long-term stability.

Available in Needled Version:

To accommodate diverse surgical preferences.

Rotator
Cuff Repair

Bankart
Repair

SLAP
Repair

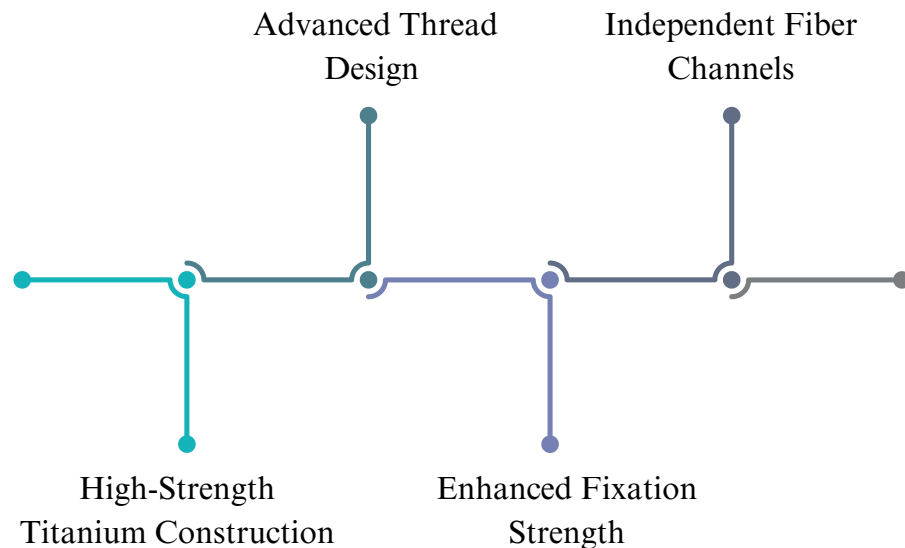
Soft Tissue
Fixations

ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
INSTAREP-TI	MA-SZT00002	TITANIUM ANCHOR Ø2 MM WITH NEEDLE
INSTAREP-TI	MA-SZT00003	TITANIUM ANCHOR Ø3 MM WITHOUT NEEDLE
INSTAREP-TI	MA-SZT00004	TITANIUM ANCHOR Ø3 MM WITH NEEDLE

ROTAFIX TI (Headless Titanium Anchor)

Meril's ROTAFIX-TI Titanium Ligament Anchors are engineered to provide exceptional pull-out strength and optimized fixation, making them ideal for complex soft tissue repairs. Designed with a fully-threaded body and independent fiber channels, these anchors enhance surgical efficiency and procedural outcomes.



ROTAFIX TI

ROTAFIX-TI Titanium Ligament Anchors are designed for strength, reliability, and optimal surgical efficiency—empowering surgeons with confidence in every fixation.

Available in Multiple Sizes – Offered in 4.5mm, 5.0mm, 5.5mm, and 6.5mm diameters, preloaded with USP #2 ultra-high molecular weight polyethylene (UHMWPE) sutures for secure fixation.

High-Strength Titanium Construction – Manufactured from Ti-6Al-4V (Grade 5 ELI) Titanium, ensuring exceptional mechanical strength, durability, and biocompatibility.

Advanced Thread Design – Features a cancellous thread with a small core diameter, maximizing pull-out strength, especially in cancellous and osteoporotic bone.

Enhanced Fixation Strength – Fully-threaded anchor body provides superior resistance to pull-out, ensuring long-term stability.

Multi-Suture & Tape Options – Available with two or three USP #2 sutures and contrasting-colored fiber tapes, improving suture identification and soft tissue fixation.

Independent Fiber Channels – Prevents suture binding, allowing smoother handling and improved surgical precision.

Rotator Cuff Repair

Remplissage Procedure

Multi-Ligament Knee Injuries

MPFL Reconstruction

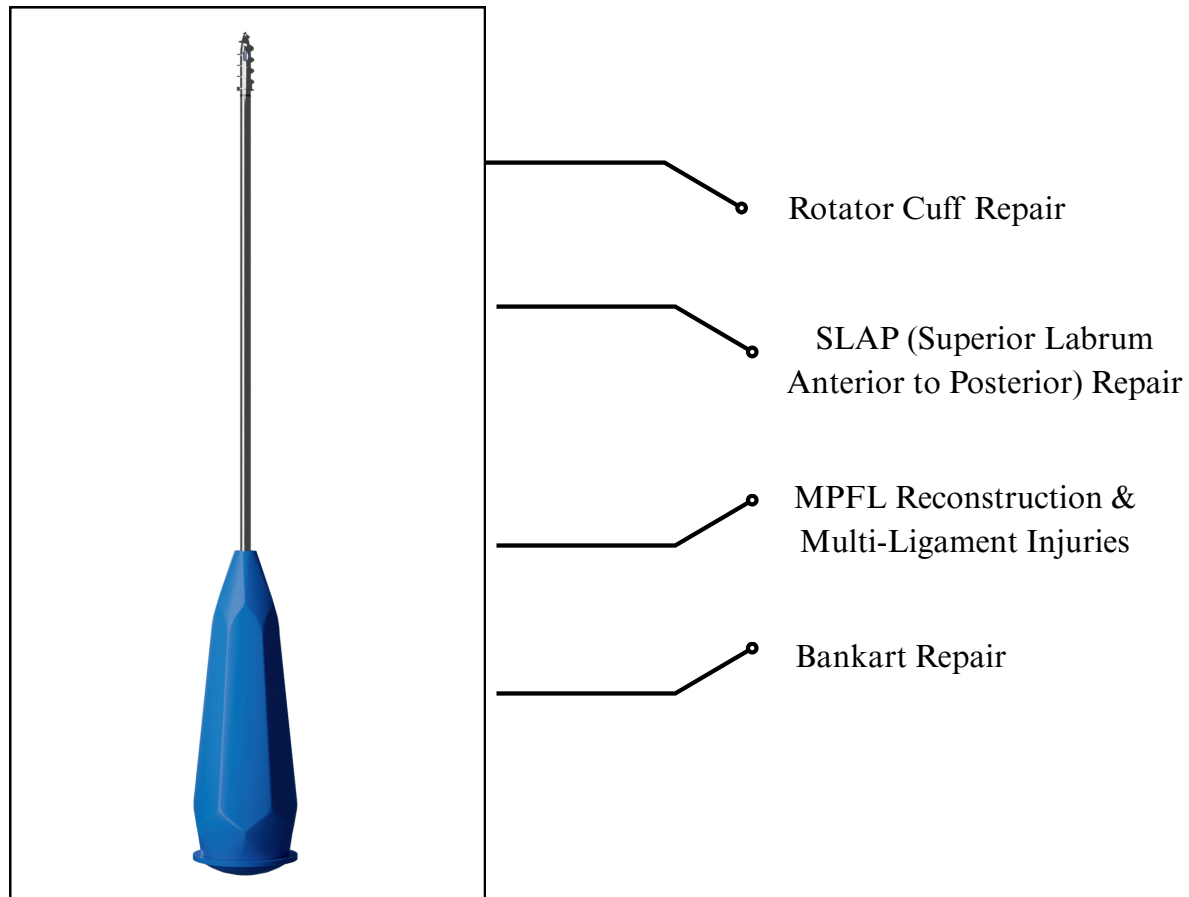
Reliable Fixation. Superior Strength.

ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
ROTAFIX-TI	MA-SZT00016	HEADLESS TITANIUM ANCHOR Ø6.5 MM WITH NEEDLE
ROTAFIX-TI	MA-SZT00017	HEADLESS TITANIUM ANCHOR - TAPE Ø5,5 MM WITHOUT NEEDLE
ROTAFIX-TI W/ Needle	MA-SZT00014	HEADLESSTITANIUM ANCHOR Ø5.5 MM WITH NE
ROTAFIX-TI	MA-SZT00011	HEADLESS TITANIUM ANCHOR Ø4.5 MM WITHOUT NEEDLE
ROTAFIX-TI	MA-SZT00013	HEADLESS TITANIUM ANCHOR Ø5.5 MM WITHOUT NEEDLE
ROTAFIX-TI	MA-SZT00007	TITANIUM ANCHOR Ø5 MM WITHOUT NEEDLE
ROTAFIX-TI W/ Needle	MA-SZT00008	TITANIUM ANCHORØ5 MM WITH NEEDLE

INSTAREP BIO & ROTAFIX BIO (Bio- Composite Anchor)

Meril's INSTAREP-BIO & ROTAFIX-BIO Bio-Composite Anchors offer a biocompatible and resorbable solution for soft tissue fixation, ensuring secure and reliable tendon-to-bone healing while gradually integrating into the natural bone structure.



INSTAREP BIO & ROTAFIX BIO

INSTAREP-BIO & ROTAFIX-BIO Bio-Composite Anchors provide a next-generation fixation approach—ensuring robust mechanical strength with the added advantage of bioabsorption for long-term healing.

A Bio-Composite Material for Natural Bone Integration

Composed of PLGA (Poly L-lactic-co-glycolic acid) and β -Tricalcium Phosphate (β -TCP), allowing gradual resorption and bone remodeling over time.

Enhanced Fixation Strength :

Fully-threaded design with dual threads optimizes cortical and cancellous bone engagement, ensuring superior stability.

Multidimensional Suture Orientation

The unique 90-degree suture alignment provides enhanced fixation options, allowing for improved soft tissue tensioning and repair.

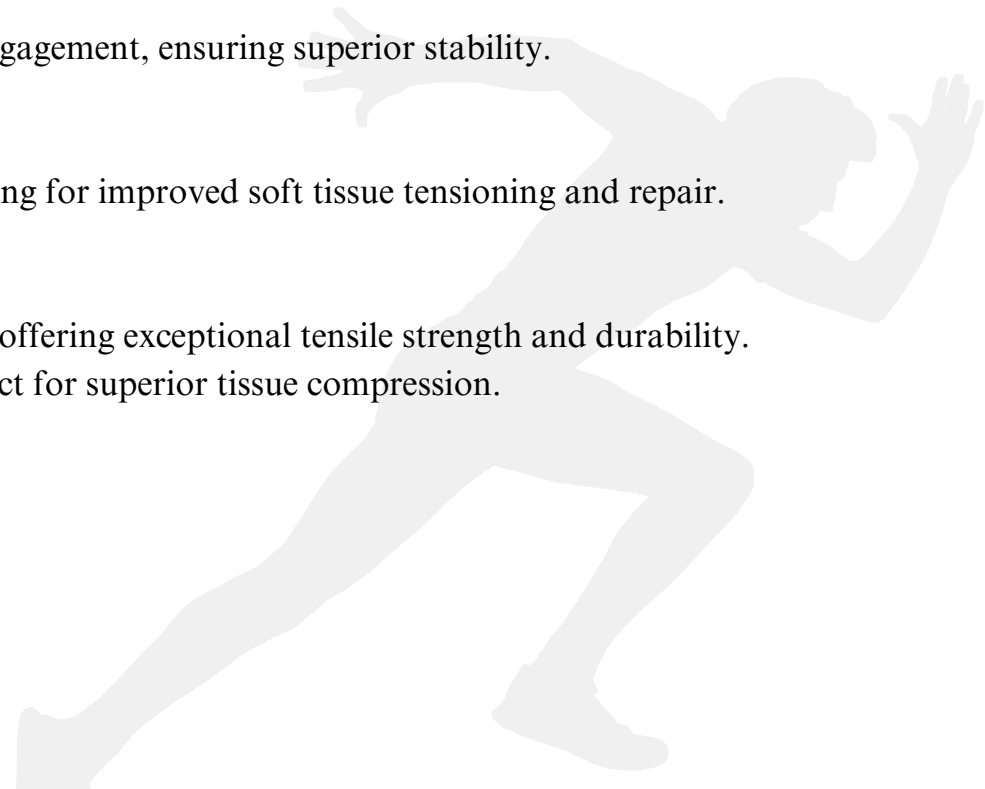
High-Performance Suture Material

Preloaded with Ultra-High Molecular Weight Polyethylene (UHMWPE) sutures, offering exceptional tensile strength and durability. Available with fiber and fiber tape combinations, ensuring greater footprint contact for superior tissue compression.

Covered Saddle Tip & Cannulated Design \

Protects sutures from abrasion, increasing procedural safety.

Facilitates the flow of growth factors, promoting biological healing.



ORDERING INFORMATION

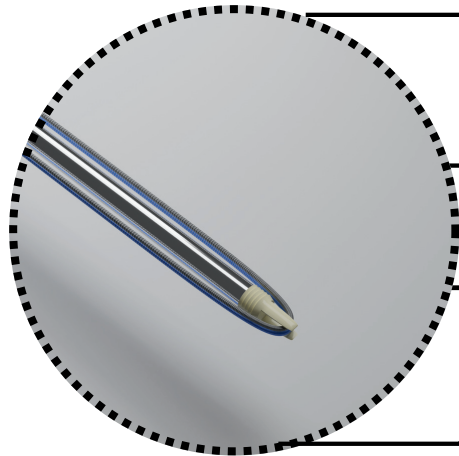
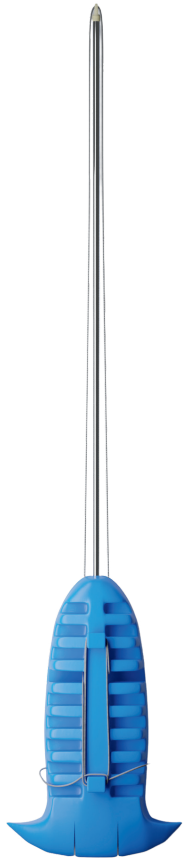
Meril

More to Life

BRAND	CODE	ITEM DISCRIPTION
INSTAREP-BIO	MA-SZB00001	REINFORCED SUTURE BIOCOMPOSITE ANCHOR 2,95x12 mm
ROTAFIX-BIO	MA-SZB00004	REINFORCED SUTURE BIOCOMPOSITE ANCHOR 5,5x16 mm TAPE
ROTAFIX-BIO	MA-SZB00003	REINFORCED SUTURE BIOCOMPOSITE ANCHOR 5,5x16 mm
ROTAFIX-BIO	MA-SZB00006	REINFORCED SUTURE BIOCOMPOSITE ANCHOR 6,5x16 mm TAPE

INSTAREP PEEK (PEEK Anchor)

Meril's INSTAREP-PEEK Ligament Anchor is a non-absorbable PEEK (Poly Ether Ether Ketone) implant, specifically designed for Bankart repair and other soft tissue fixations. With its exceptional mechanical strength, biostability, and low friction properties, it ensures secure and long-lasting fixation.



USP #2 (UHMWPE)

superior abrasion
resistance

Enhanced Tissue
Compression & Fixation

thermoplastic implant
ensuring excellent biostability



INSTAREP PEEK

INSTAREP-PEEK Ligament Anchor delivers superior strength, precise fixation, and long-term reliability—empowering surgeons with confidence in every repair.

Optimized for Bankart Repair –

Precisely engineered with a 2.9mm diameter, making it ideal for shoulder instability procedures.

High-Performance PEEK Material –

Superior abrasion resistance due to PEEK's low coefficient of friction.

Ensures long-term biostability without degradation over time.

Enhanced Suture Fixation –

Preloaded with USP #2 Ultra-High Molecular Weight Polyethylene (UHMWPE) sutures, offering high tensile strength and durability.

Tape suture configuration helps prevent tendon cuts and increases pressure distribution for enhanced tissue security.\

Simplified Insertion & Delivery –

Tap-in/Bang-on design allows efficient and controlled placement.

Drill-through spear technique enables precise anchor positioning and secure fixation.

High Pull-Out Strength

Engineered to provide exceptional resistance to displacement, ensuring long-term stability in demanding surgical applications.

Precision | Strength | Reliability

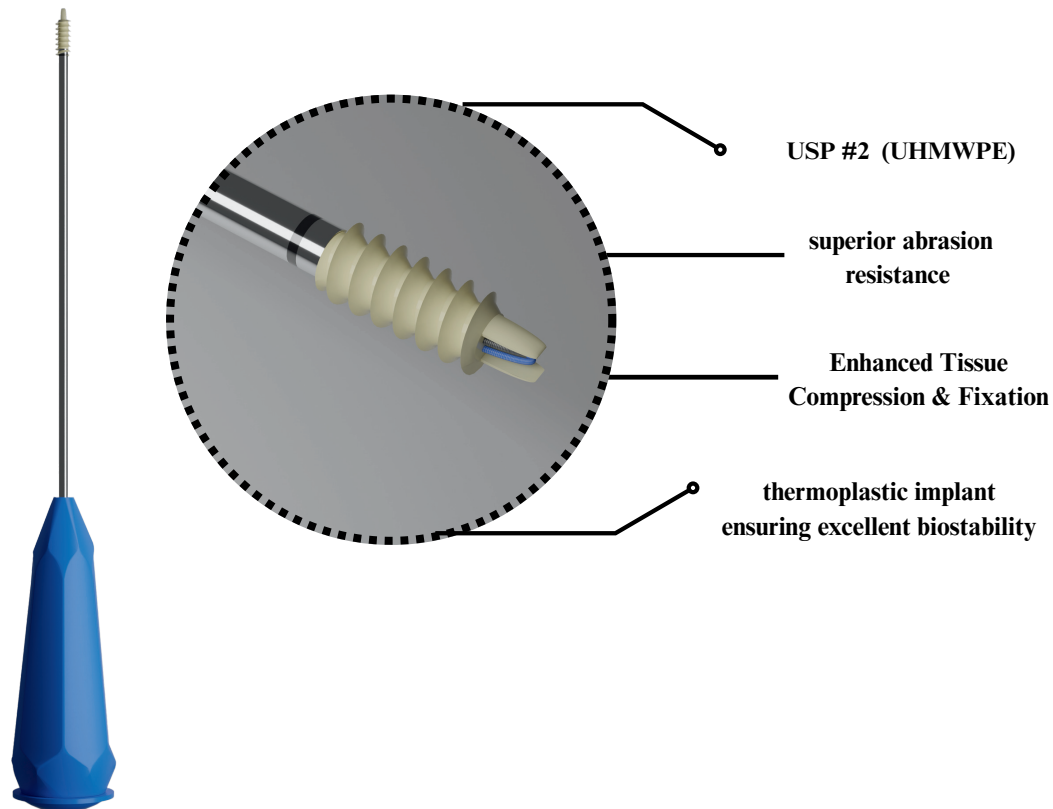
INSTAREP-PEEK

MA-SZP00001

PEEK ANCHOR Ø2.9 MM WITHOUT NEEDLE

ROTAFIX PEEK (Knotted Peek Anchor)

Meril's ROTAFIX-PEEK Ligament Anchors are designed for shoulder and knee surgeries, providing exceptional mechanical strength and long-term stability. Made from high-performance PEEK (Poly Ether Ether Ketone) material, these anchors offer superior biocompatibility, durability, and secure soft tissue fixation.



ROTAFIX PEEK

ROTAFIX-PEEK Ligament Anchors provide the perfect combination of strength, reliability, and precision—giving surgeons the confidence needed for successful repairs.

Available in Multiple Sizes –

3.5mm & 5.5mm diameters

Preloaded with USP #2 (UHMWPE) sutures & 1.5mm tape for enhanced tissue compression and fixation.

High-Performance PEEK Material –

Non-absorbable, thermoplastic implant ensuring excellent biostability.

Superior abrasion resistance and low friction, preventing suture wear.

Fully Threaded, Screw-In Design –

Dual-thread technology optimizes cortical and cancellous bone engagement, maximizing pull-out strength.

Covered saddle tip protects sutures from damage, ensuring long-lasting fixation.

Enhanced Tissue Compression & Fixation –

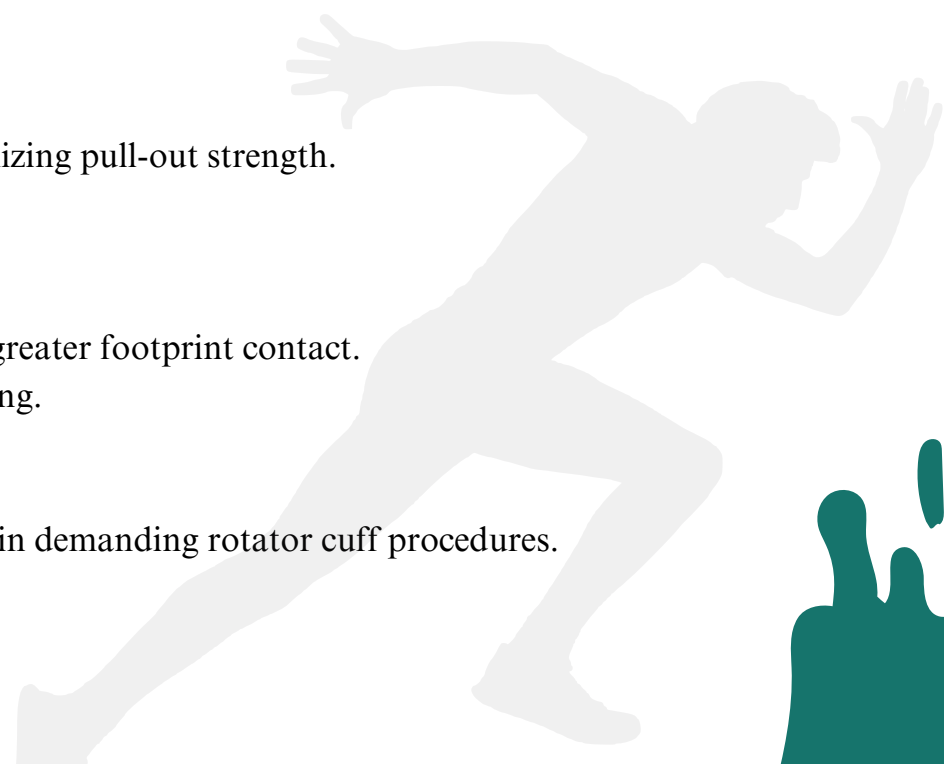
Tape suture configuration prevents tendon cuts and distributes pressure evenly for greater footprint contact.

Cannulated design facilitates the flow of growth factors, supporting biological healing.

Exceptional Strength & Stability

Engineered for high pull-out strength (334.8N to 357.5N), ensuring secure fixation in demanding rotator cuff procedures.

Precision Fixation. High Strength



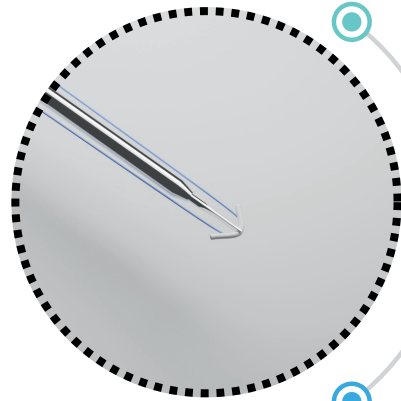
ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
ROTAFIX-PEEK	MA-SZP00005	PEEK ANCHOR Ø5.5 MM WITHOUT NEEDLE
ROTAFIX-PEEK	MA-SZP00012	PEEK PLUS ANCHOR Ø3.5 MM TAPE WITH NEEDLE
ROTAFIX-PEEK	MA-SZP00013	PEEK PLUS ANCHOR Ø5.5 MM TAPE WITHOUT NEEDLE
ROTAFIX-PEEK	MA-SZP00018	CORTICAL PEEK ANCHOR Ø3.5 MM WITH NEEDLE


FILAHOOK

All suture anchor (Soft Anchor)

Meril's FILAHOOK Soft Anchors are all-suture anchors designed for secure soft tissue fixation with minimal bone removal. Made from ultra-high molecular weight polyethylene (UHMWPE) suture material, these anchors provide superior strength, flexibility, and adaptability across various surgical applications.



 Available in multiple sizes

 high tensile strength and durability.

 high pull-out strength.

 Shoulder & Knee Surgeries



FILAHOOK

FILAHOOK Soft Anchors provide an advanced, minimally invasive solution for soft tissue fixation—delivering high strength, precise placement, and enhanced surgical flexibility.

Available in Multiple Sizes for Specialized Procedures

Minimally Invasive Design –

- Requires a smaller pilot hole compared to traditional anchors, preserving bone stock while ensuring secure fixation.
- Low-profile implantation decreases the overall anchor footprint while maintaining high pull-out strength.

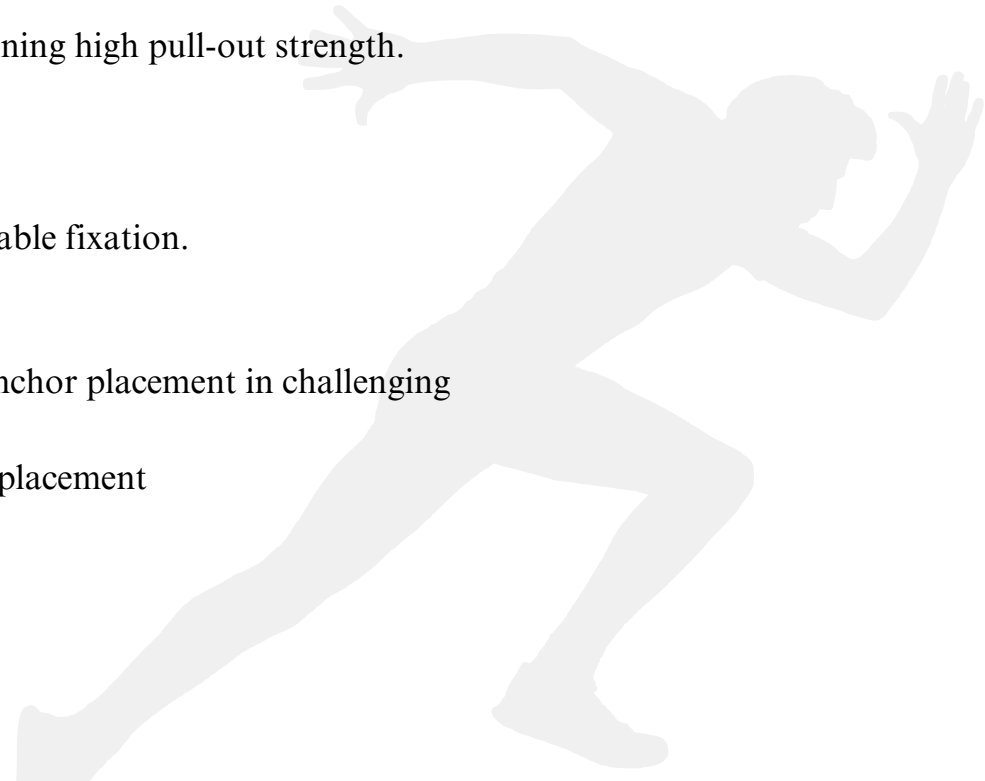
Exceptional Fixation Strength –

- UHMWPE suture composition provides high tensile strength and durability.
- Average pull-out strength of 349.5N (1.5mm anchor), ensuring secure and reliable fixation.

Flexible & Easy Insertion –

- Available with a flexible driver for curved sleeve insertion, allowing optimal anchor placement in challenging anatomical locations.
- Compatible with straight and curved sleeve delivery systems, ensuring precise placement
- Drill bit ensures accurate pilot hole placement, improving surgical precision.

Versatile. Minimal Bone Disruption

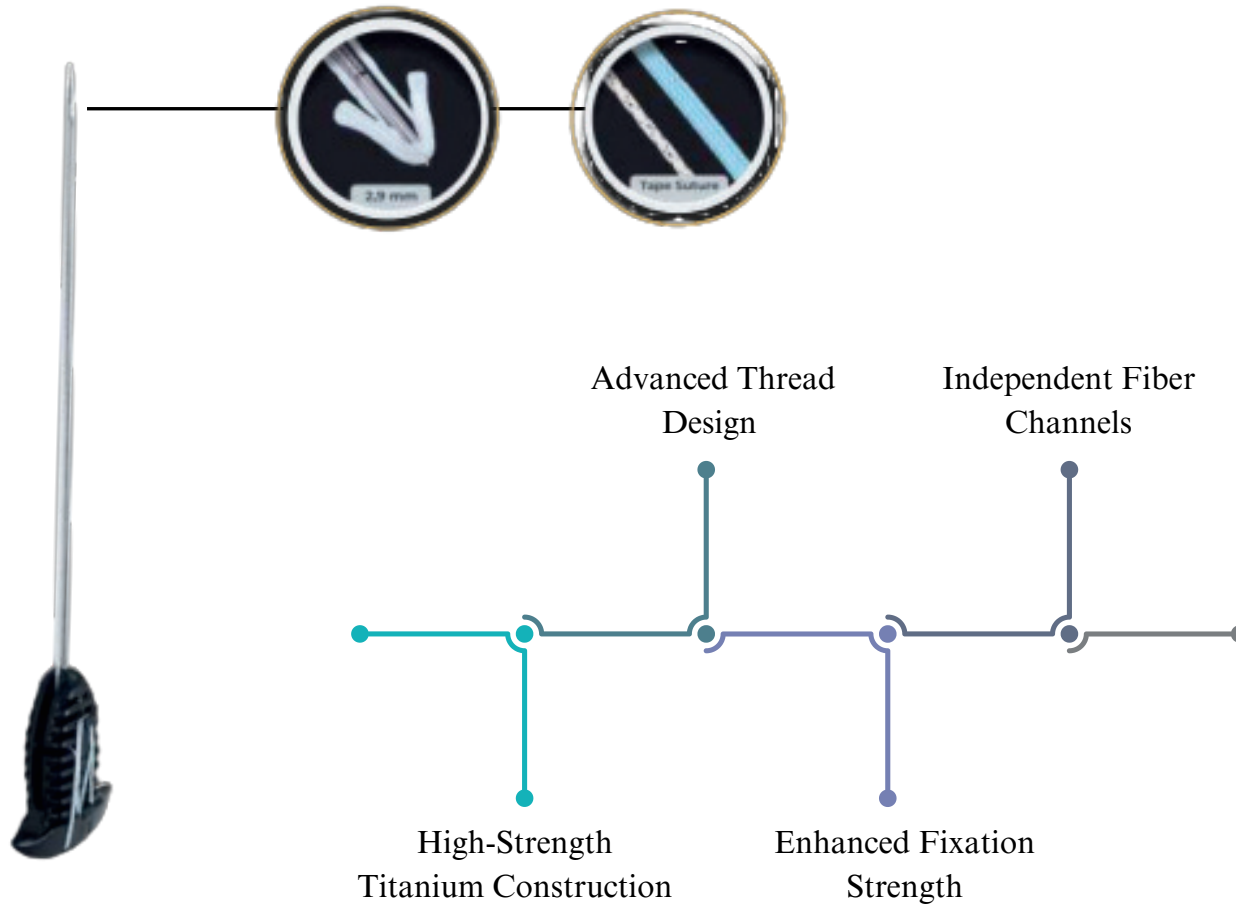


ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
FILAHOOK	MA-SZU00002	SOFT ANCHOR Ø1.2 MM WITH NEEDLE
FILAHOOK	MA-SZU00004	SOFT ANCHOR Ø1.5 MM WITH NEEDLE
FILAHOOK	MA-SZU00005	SOFT ANCHOR Ø1.8 MM WITHOUT NEEDLE
FILAHOOK	MA-SZU00006	SOFT ANCHOR Ø1.8 MM WITH NEEDLE
FILAHOOK	MA-SZU00007	SOFT ANCHOR Ø2.9 MM WITHOUT NEEDLE

FILAHOOK (Soft Anchor with tape suture)

Meril's FILAHOOK Soft Anchors with Tape Suture are designed for rotator cuff and Bankart repairs, providing enhanced fixation strength with minimal bone disruption. These all-suture anchors feature a 2.9mm double-loaded design, ensuring secure soft tissue fixation while maximizing surgical efficiency.



FILAHOOK Soft Anchors with Tape Suture provide a next-generation solution for superior soft tissue repair—delivering high pull-out strength, minimal bone removal, and enhanced surgical precision.

Optimized Size & Versatility –

- 2.9mm diameter – Ideal for Rotator Cuff & Bankart Repairs.
- Double-loaded with USP #2 UHMWPE suture & 1.5mm tape for enhanced tissue compression and strength.
- Available with needle option for mini-open procedures.

Advanced Fixation with Minimal Bone Removal –

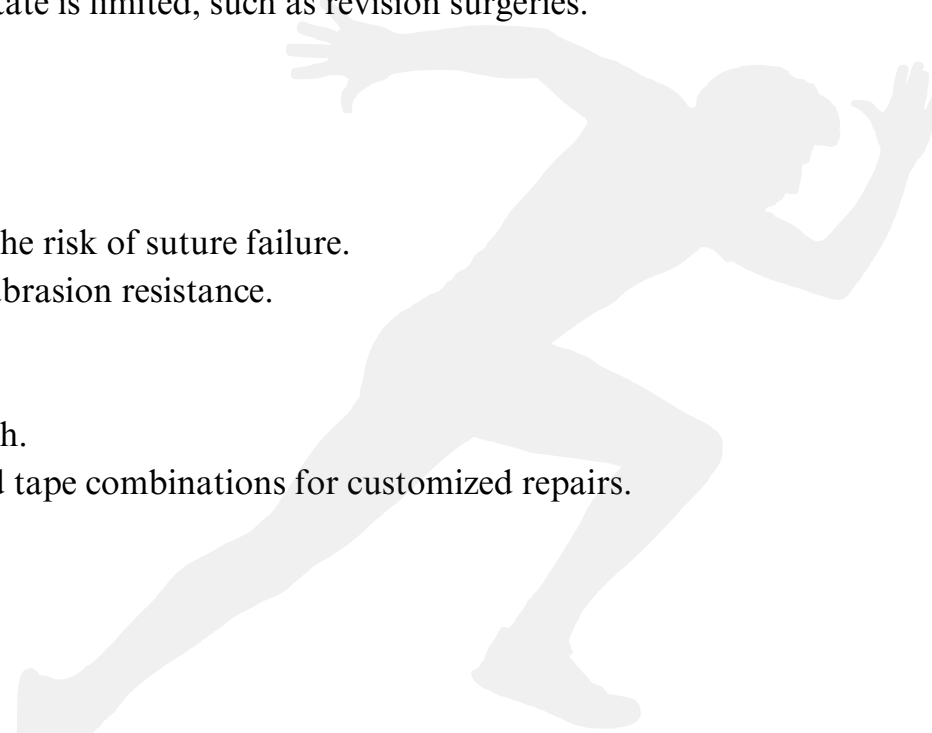
- The small 2.9mm anchor footprint is perfect for procedures where bone real estate is limited, such as revision surgeries.
- Designed for easy insertion, reducing procedural complexity.
- Requires a pilot hole, ensuring accurate placement and stable fixation.

High-Strength Tape Suture Configuration –

- Tape sutures prevent tendon cuts and increase pressure distribution, reducing the risk of suture failure.
- UHMWPE suture material provides durability, superior tensile strength, and abrasion resistance.

Efficient & Reliable Surgical Performance –

- Specialized punch ensures precise hole placement for improved fixation strength.
- Available in double and triple-loaded configurations with a variety of fiber and tape combinations for customized repairs.

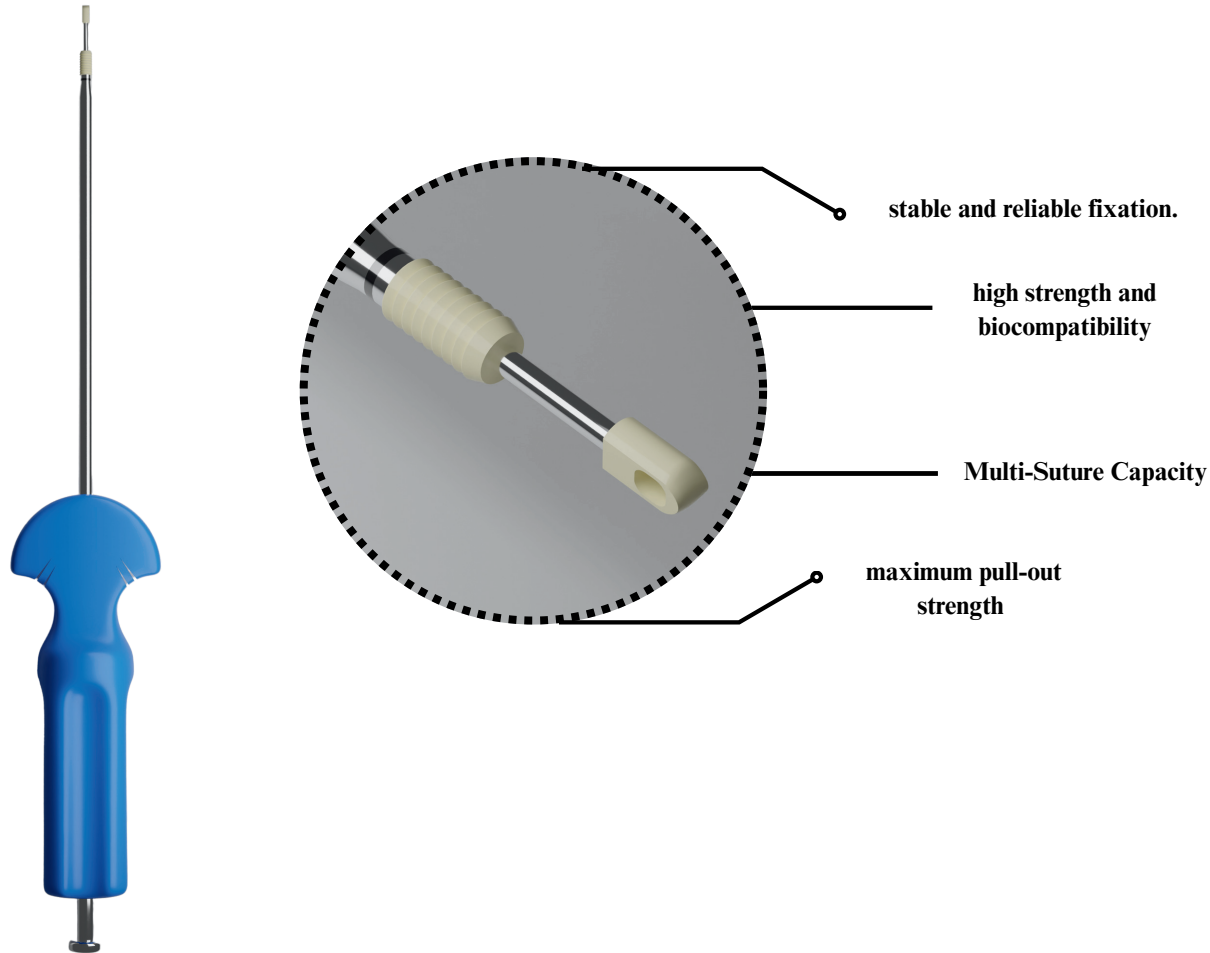


ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
FILAHOOK	MA-SZU00010	SOFT ANCHOR - TAPE Ø2.9 MM WITH NEEDLE
FILAHOOK - TAPE	MA-SZT00009	SOFT ANCHOR - TAPE Ø2.9 MM WITHOUT NEEDLE
FILAHOOK	MA-SZU00011	SOFT ANCHOR Ø1.8 MM SINGLE SUTURE WITHOUT NEEDLE

ROTAFIX (PEEK+PEEK) (Knotless Anchor)

Meril's ROTAFIX Knotless Anchor (PEEK+PEEK) is an advanced fully-threaded, knotless anchor designed for rotator cuff repair using bridge techniques. This suture management system eliminates the need for knots, ensuring secure fixation while reducing surgical time and the risk of suture slippage.



ROTAFIX (PEEK+PEEK)

ROTAFIX Knotless Anchor (PEEK+PEEK) delivers unmatched efficiency, high fixation strength, and ease of use, making it the ideal choice for modern arthroscopic soft tissue repairs.

Optimized Anchor Design for Versatile Repairs

- Available in 3.5mm and 5.0mm diameters for Bankart Repair and Lateral Row Rotator Cuff Fixation.
- Knotless PEEK body and PEEK eyelet – Provides high strength and biocompatibility for long-term stability.
- Eyelet can hold up to 8 sutures, enabling multi-suture configurations for customized fixation.

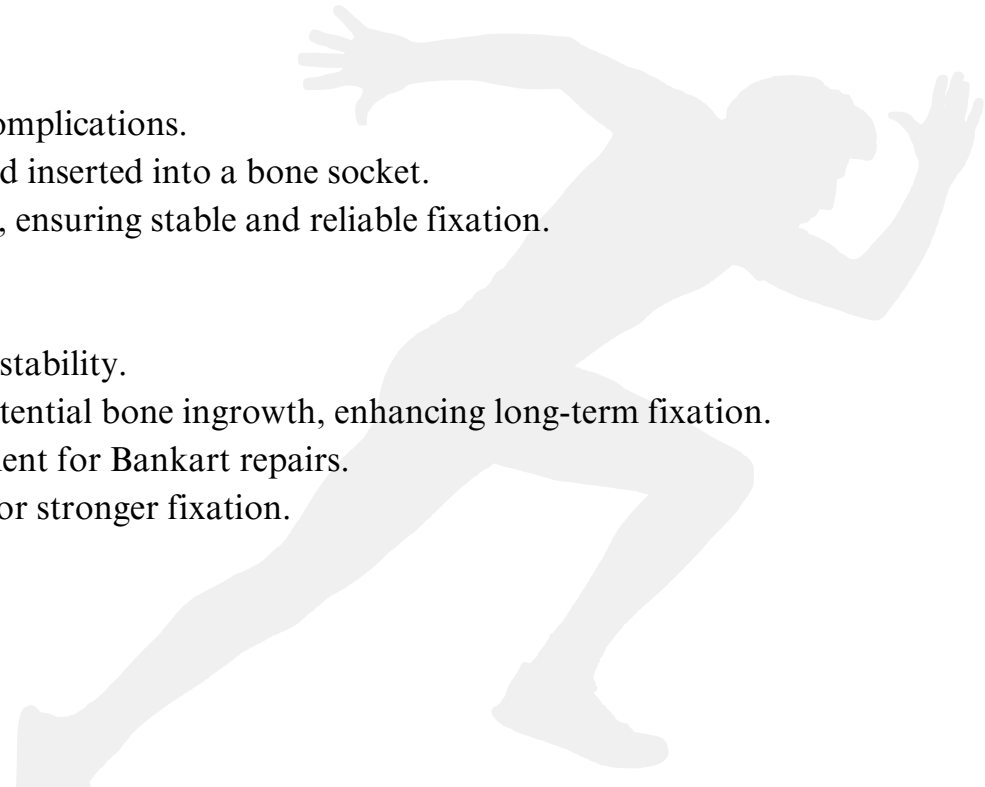
Superior Knotless Fixation Technique

- Eliminates the need for complex knots, reducing surgical time and potential complications.
- Easy suture passage – Sutures or tapes are loaded through the closed eyelet and inserted into a bone socket.
- Tension is visualized, adjusted, and locked into position with the anchor body, ensuring stable and reliable fixation.

Enhanced Pull-Out Strength & Bone Ingrowth Potential

- Twist-in screw mechanism provides maximum pull-out strength and insertion stability.
- Cannulated and vented anchor body minimizes material while allowing for potential bone ingrowth, enhancing long-term fixation.
- Pre-drilling technique (2.8mm drill and anchor guide) ensures accurate placement for Bankart repairs.
- Tap/Awl-assisted tunnel preparation (SH-TAW35) optimizes anchor seating for stronger fixation.

Maximum Strength. Seamless Fixation.

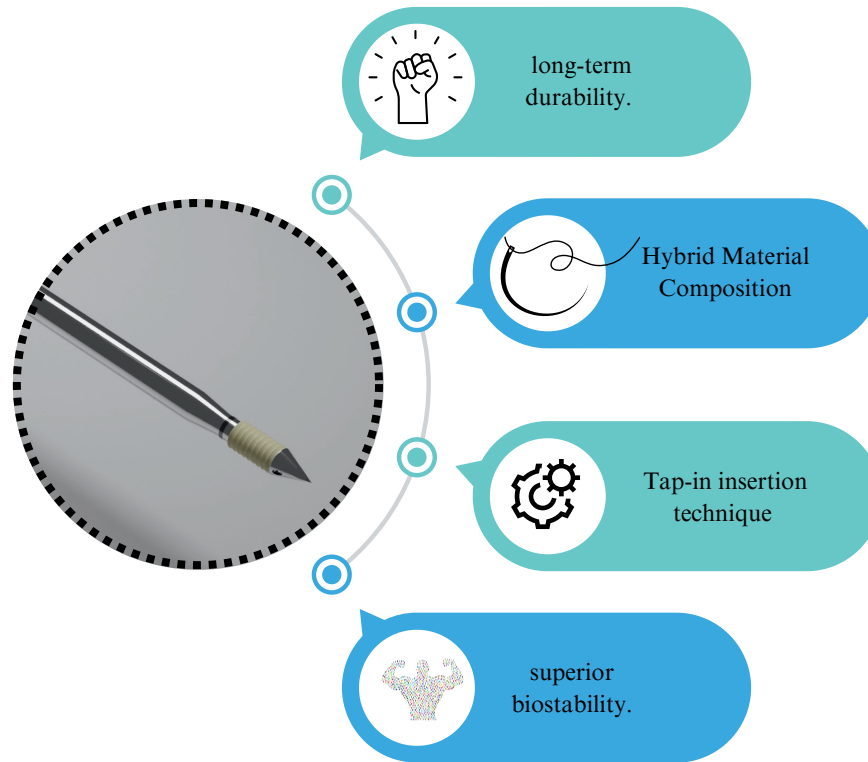


ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
ROTAFIX-PEEK	MA-SZP00019	KNOTLESS PEEK + PEEK ANCHOR Ø3.5 MM
ROTAFIX-PEEK	MA-SZP00020	KNOTLESS PEEK + PEEK ANCHOR Ø5 MM
ROTAFIX-PEEK	MA-SZP00022	KNOTLESS WITH SUTURE PEEK + PEEK ANCHOR Ø5 MM

ROTAFIX (PEEK + TI) (Knottless Anchor)

Meril's ROTAFIX Knotless Anchor (PEEK+Ti) is an advanced self-tapping, fully-threaded knotless anchor, designed for double-row rotator cuff repair. Engineered with a PEEK body and a high-strength titanium eyelet, this hybrid construct optimizes strength, durability, and biocompatibility, ensuring reliable soft tissue fixation.



ROTAFIX-PEEK Ligament Anchors provide the perfect combination of strength, reliability, and precision—giving surgeons the confidence needed for successful repairs.

Innovative Hybrid Material Composition

- PEEK (Poly Ether-Ether Ketone) body – A lightweight, biocompatible polymer that provides superior biostability.
- Titanium (Ti-6Al-4V ELI) eyelet – Enhances mechanical strength and suture abrasion resistance, ensuring long-term durability.

Optimized for Double-Row Rotator Cuff Repair

- Available in 5.0mm diameter for lateral row fixation in double-row rotator cuff repair techniques.
- Knotless design eliminates the need for complex suture knots, reducing surgical time and minimizing the risk of suture slippage.

Enhanced Suture Management for Reliable Fixation

- USP #2 suture with fibre wire for easy handling and strong tissue repair.
- Closed titanium eyelet accommodates multiple sutures, providing secure fixation while reducing suture abrasion.

Precision Engineered for Advanced Arthroscopic Repairs

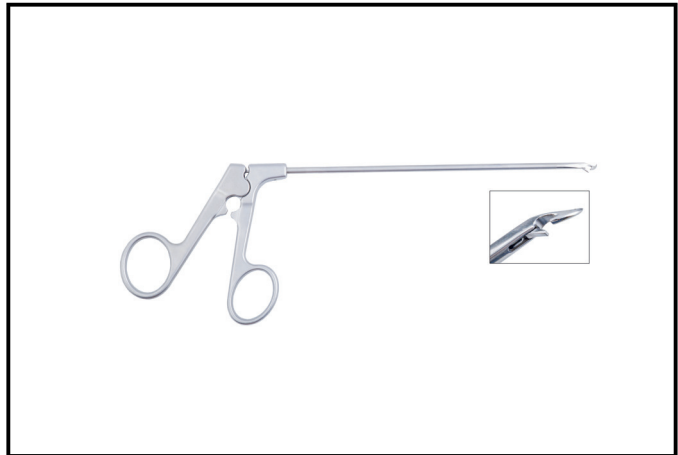
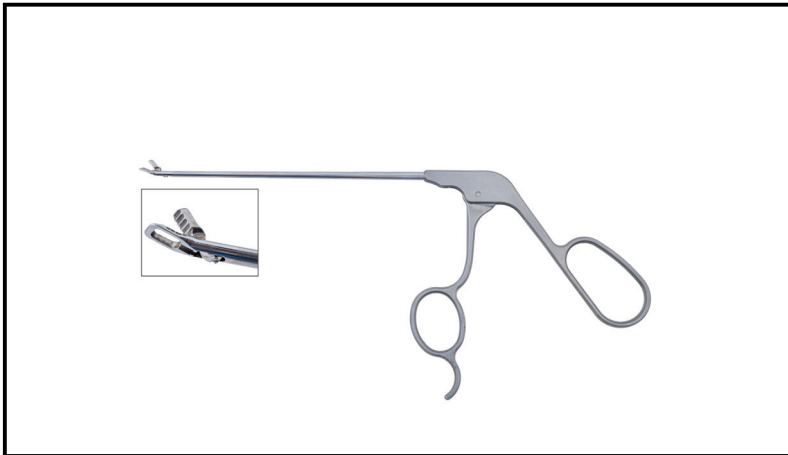
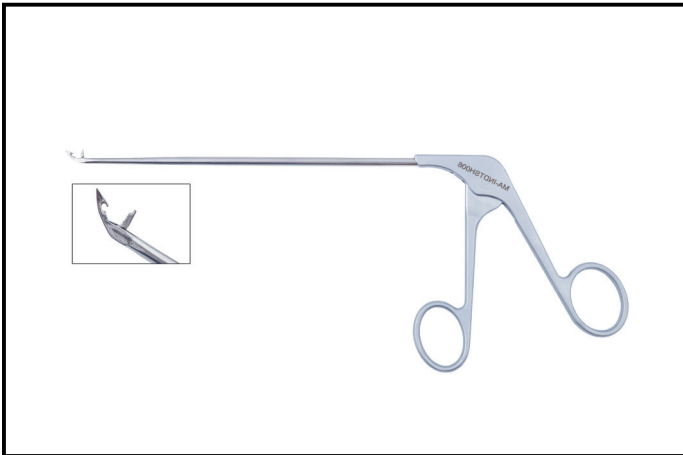
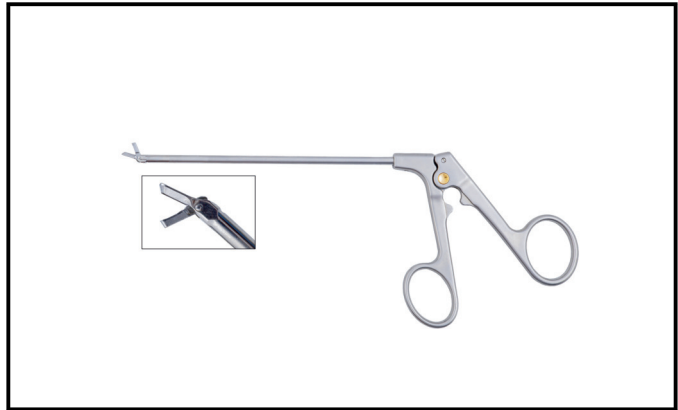
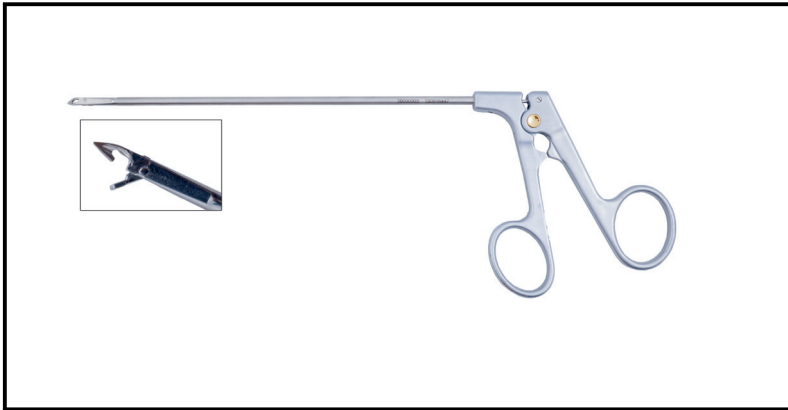
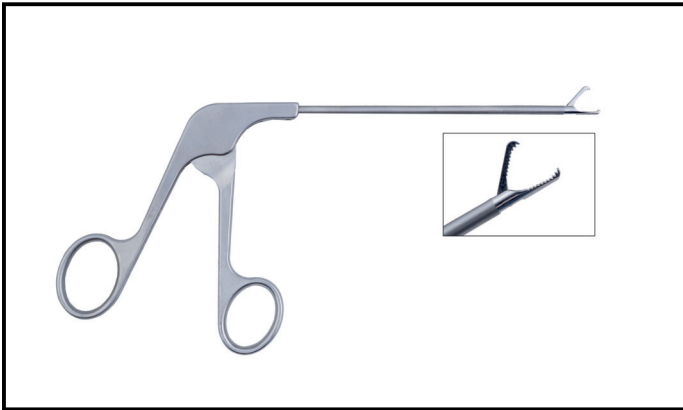
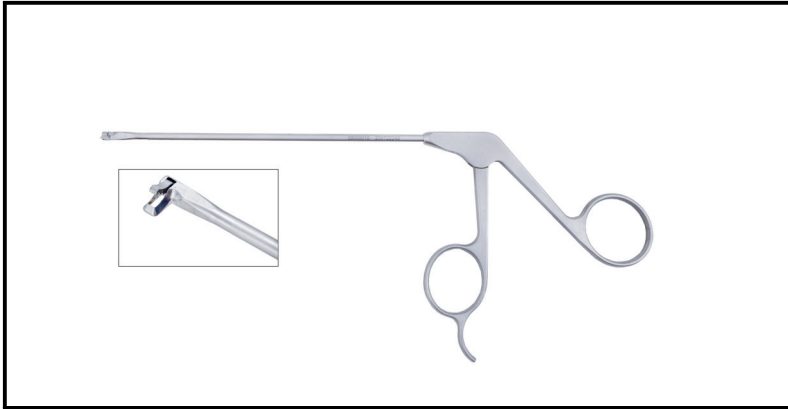
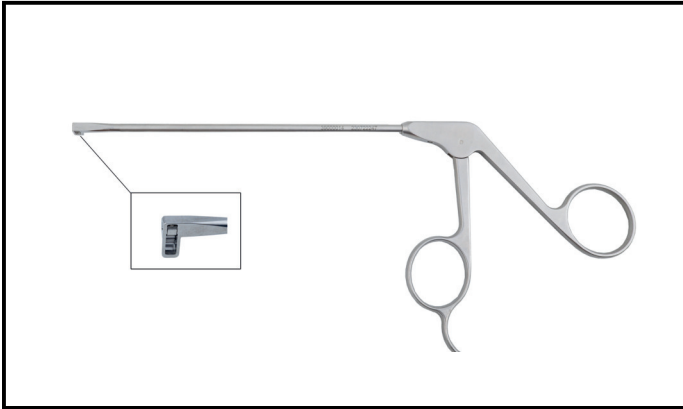
- Cannulated and vented design reduces material load while allowing potential bone ingrowth.
- Enhanced fixation strength, ensuring stable, long-lasting soft tissue attachment.

BRAND	CODE	ITEM DISCRIPTION
ROTAFIX-PEEK	MA-SZP00024	KNOTLESS PEEK +TITANIUM ANCHOR Ø5 MM
ROTAFIX-PEEK	MA-SZP00026	KNOTLESS WITH SUTURE PEEK + TITANIUM ANCHOR Ø5 MM

Shoulder Instrumentation



Shoulder Instrumentation

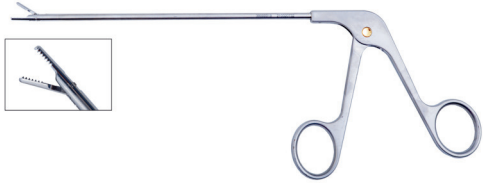


ORDERING INFORMATION

CODE	MATERIAL DESCRIPTION
MA-INDTSH001	PIEX® TrustPass Suture Passer
MA-INDTSH002	Suture Cutter
MA-INDTSH003	Suture Passer Neutral
MA-INDTSH004	Suture Passer 45 Degree right
MA-INDTSH005	Suture Passer 45 Degree Left
MA-INDTSH006	Suture Passer 45 Degree up
MA-INDTSH007	Clever Hook Right
MA-INDTSH008	Clever Hook Left
MA-INDTSH009	Suture Grasper
MA-INDTSH010	Suture Manipulator
MA-INDTSH011	Sixter Right
MA-INDTSH012	Sixter Left
MA-INDTSH013	Hammer
MA-INDTSH014	Knot Pusher
MA-INDTSH015	Crochet Hook

CODE	MATERIAL DESCRIPTION
MA-INDTSH016	Probe hook
MA-INDTSH017	Cannula Obturator Driver 5,5 mm
MA-INDTSH018	Cannula Obturator Driver 7,5 mm
MA-INDTSH019	Cannula Obturator Driver 8,5 mm
MA-INDTSH020	Tissue Liberator UP
MA-INDTSH021	Tissue Liberator DOWN
MA-INDTSH022	Rasp UP
MA-INDTSH023	Rasp Down
MA-INDTSH024	Tissue Scraper
MA-INDTSH025	Switching Stick
MA-INDTSH026	Anchor Guide For 2,9 Soft Anchor (Without Threaded)
MA-INDTSH027	Anchor Guide for 2,9 Peek Anchor
MA-INDTSH028	GUIDE CANNULA WITHOUT SCREW FOR SOFT ANCHOR WITH BLACK HANDLE WITH SLOT
MA-INDTSH029	Guide Driver Without Threaded
MA-INDTSH030	Guide Driver With Threaded

Shoulder Instrumentation



ORDERING INFORMATION

CODE	MATERIAL DESCRIPTION
MA-INDTSH031	Drill - 2,9 Soft Anchor
MA-INDTSH032	Drill - 1,8 Soft Anchor
MA-INDTSH033	Drill - 1,5 Soft Anchor
MA-INDTSH034	Drill - 1,2 Soft Anchor
MA-INDTSH035	Drill - 2,9 Peek Anchor
MA-INDTSH036	Tap-Punch For 3,5 mm Peek Anchor
MA-INDTSH037	Tap-Punch For 5,5 mm Peek Anchor
MA-INDTSH038	Tap-Punch For 6,5 mm Peek Anchor
MA-INDTSH039	Tap/Awl 3,5 mm Peek+Peek Knotless Anchor
MA-INDTSH040	Tap/Awl 5,0 mm Peek+Peek Knotless Anchor
MA-INDTSH041	Punch For 3,5 mm Peek+Peek Knotless Anchor
MA-INDTSH042	Punch For 5,0 mm Peek+Peek Knotless Anchor
MA-INDTSH043	Tendon Inserter
MA-INDTSH044	Biceps Tendon Reamer 7,0 mm
MA-INDTSH045	Biceps Tendon Reamer 8,0 mm

CODE	MATERIAL DESCRIPTION
MA-INDTSH046	Biceps Tendon Reamer 9,0 mm
MA-INDTSH047	Biceps Tendon Reamer 10,0 mm
MA-INDTSH048	Instrument Set Container
MA-INDTSH049	INSTRUMENT SET INNER TRAY-1
MA-INDTSH050	INSTRUMENT SET INNER TRAY-2
MA-INDTSH051	INSTRUMENT SET INNER TRAY-3
MA-INDTSH052	INSTRUMENT SET INNER TRAY-4
MA-INDTSH053	Anchor Drill TAP 1,5 mm
MA-INDTSH054	Anchor Drill TAP 1,8 mm
MA-INDTSH055	Anchor Drill TAP 2,9 mm
MA-INAQSH001	Knot Manipulator
MA-INAQKN010	Cord Cutter
MA-INAQSH003	Suture Cutter
MA-INAQSH009	Suture Manipulator 360° Rotatable
MA-INAQSH010	Suture Manipulator

ORDERING INFORMATION

CODE	MATERIAL DESCRIPTION
MA-INAQSH026	Disposable Pin
MA-INAQSH035	Threading Device w wheel 45° , Right
MA-INAQSH036	Threading Device with wheel 45°,Left
MA-INAQSH037	Threading Device with wheel 25°,Right
MA-INAQSH038	Threading Device with wheel 25°,Left
MA-INAQSH039	Threading Device with wheel,Straight
MA-INAQSH042	Rasp,Upswept 20°
MA-INAQSH043	Rasp,Downswept 20°
MA-INAQSH044	Detacher,Upbiter
MA-INAQSH045	Detacher,Downbiter
MA-INAQSH047	Instrument Case_Shoulder_1 Layer
MA-INAQSH024	Suture Cutter
MA-INAQSH046	Knot Manipulator



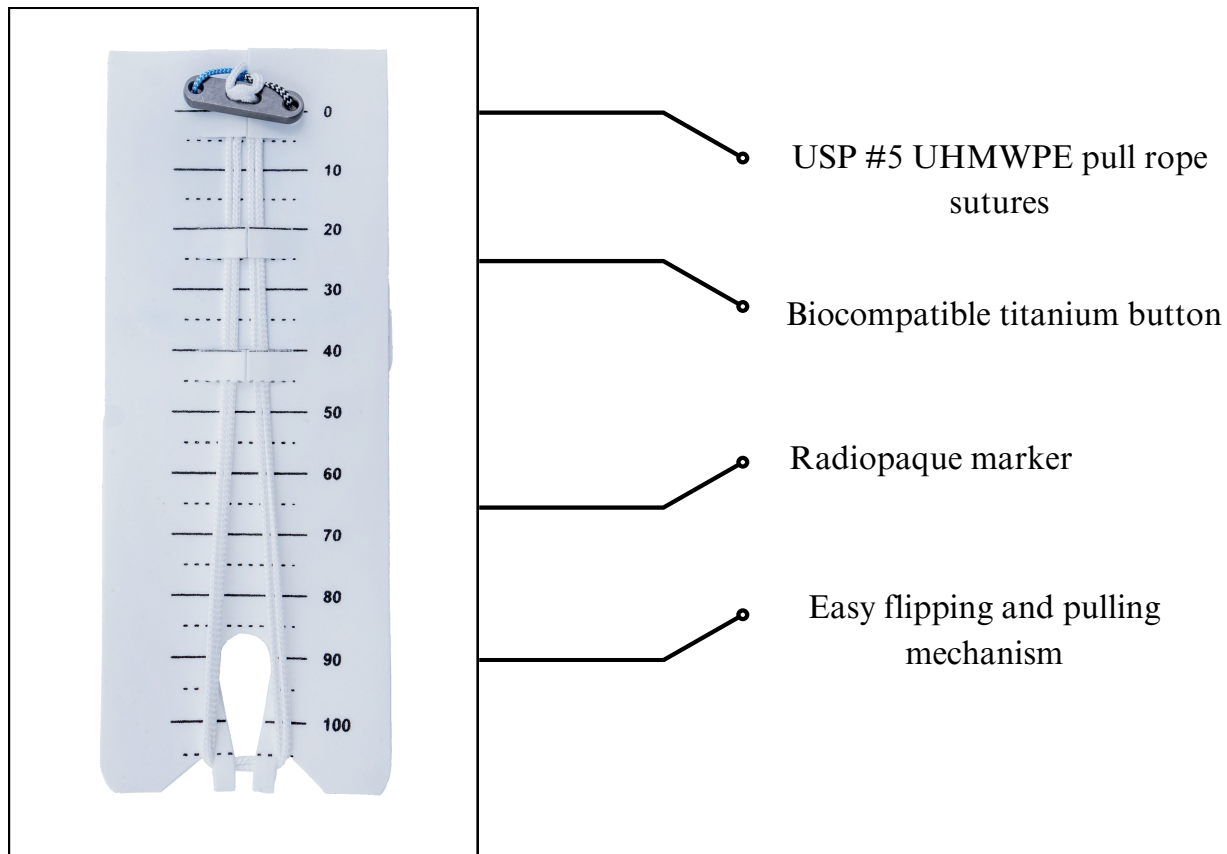


KNEE ARTHROSCOPY

FEXIBUTTON (Adjustable Loop System)

The FLEXIBUTTON Adjustable Loop System is designed for strong and adaptable fixation in cruciate ligament reconstruction, including ACL and PCL repairs.

Engineered with a biocompatible titanium button (Ti-6Al-4V ELI) and ultra-high molecular weight polyethylene (UHMWPE) adjustable loop sutures, it provides secure, adjustable, and intraoperatively customizable graft fixation. Offering a strong and biocompatible solution for orthopedic procedures.



FLEXIBUTTON

FLEXIBUTTON Adjustable Loop System delivers superior fixation, easy adjustability, and optimized graft tensioning—providing surgeons with confidence in every procedure.

High-Strength Construction –

- Titanium button ensures exceptional biocompatibility, durability, and mechanical strength.
- USP #5 UHMWPE pull rope sutures provide superior tensile strength and stability.

Enhanced Graft Support & Fixation –

- Securely anchors the graft within the femoral tunnel, ensuring optimal load distribution.
- Graft support frame design increases surface contact, preventing damage and ensuring long-term success.

Low-Profile, Surgeon-Friendly Design –

- Minimizes soft tissue irritation and reduces tunnel widening.
- Easy flipping and pulling mechanism ensures reliable deployment and tensioning.
- Two-handed operation allows for precise reduction and counter-tensioning.

Versatile & Compatible –

- Compatible with various graft types, including hamstring, patellar tendon, and allografts.
- Universal design allows for application in diverse patient anatomies.

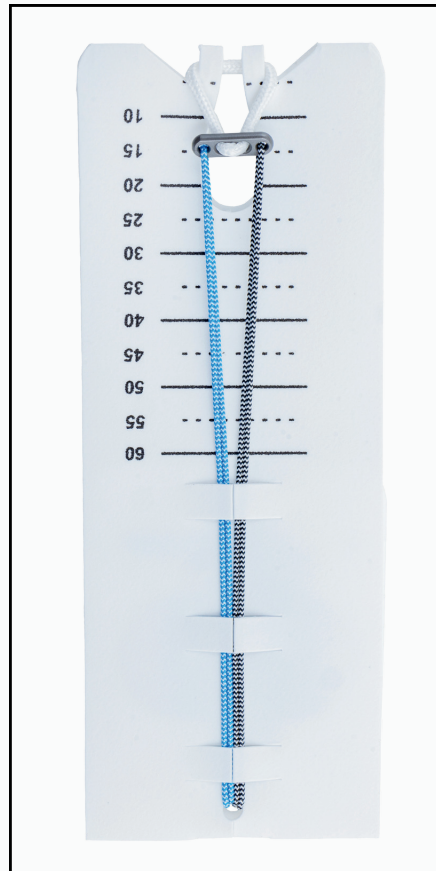


ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
FLEXIBUTTON	MA-KZT00040	KNITROPE PLUS UPPER SIDE PULL OUT 70 MM
FLEXIBUTTON	MA-KOTFF110	FLEXIBUTTON ADJ 4H BTN W LOOP #05, 110MM
FLEXIBUTTON	MA-KOTHH110	FLEXIBUTTON ADJ 4H BTN W LOOP #07, 110MM
FLEXIBUTTON	MA-KOTHH070	FLEXIBUTTON ADJ 4H BTN W LOOP #07, 070MM
FLEXIBUTTON - L	MA-KZT00043	KNITROPE UPPER SIDE PULL OUT LARGE 110 MM

ENDOSTUD (Fixed Loop System)

The ENDOSTUD Fixed Loop Fixation System is engineered for secure and robust graft fixation in ACL reconstruction, offering high tensile strength and precision loop fixation. Designed with a non-adjustable, high-strength UHMWPE loop and a biocompatible titanium button (Ti-6Al-4V ELI), it ensures consistent graft tensioning and long-term stability.



ENDOSTUD

Meril

More to Life

The ENDOSTUD Fixed Loop Fixation System delivers strong, reliable, and efficient fixation—giving surgeons confidence in every procedure.

Fixed Loop Design for Consistent Tension –

- Provides stable, non-adjustable fixation, ensuring optimal graft positioning without risk of elongation.
- Eliminates the need for knot tying, reducing procedural complexity.

High-Strength Construction –

- Titanium button offers exceptional biocompatibility and durability.
- USP #5 UHMWPE pull rope sutures in distinct colors enhance procedural efficiency.

Enhanced Graft Support & Fixation –

- Large button design addresses cortical expansion challenges, ensuring secure bone engagement.
- Optimized load distribution reduces graft micromotion, enhancing healing and integration.

Proven Strength & Reliability –

- Ultimate Tensile Strength (UTS) tested, exceeding 2200N for superior load-bearing capacity.
- Clinically validated performance, ensuring long-term graft stability and durability.

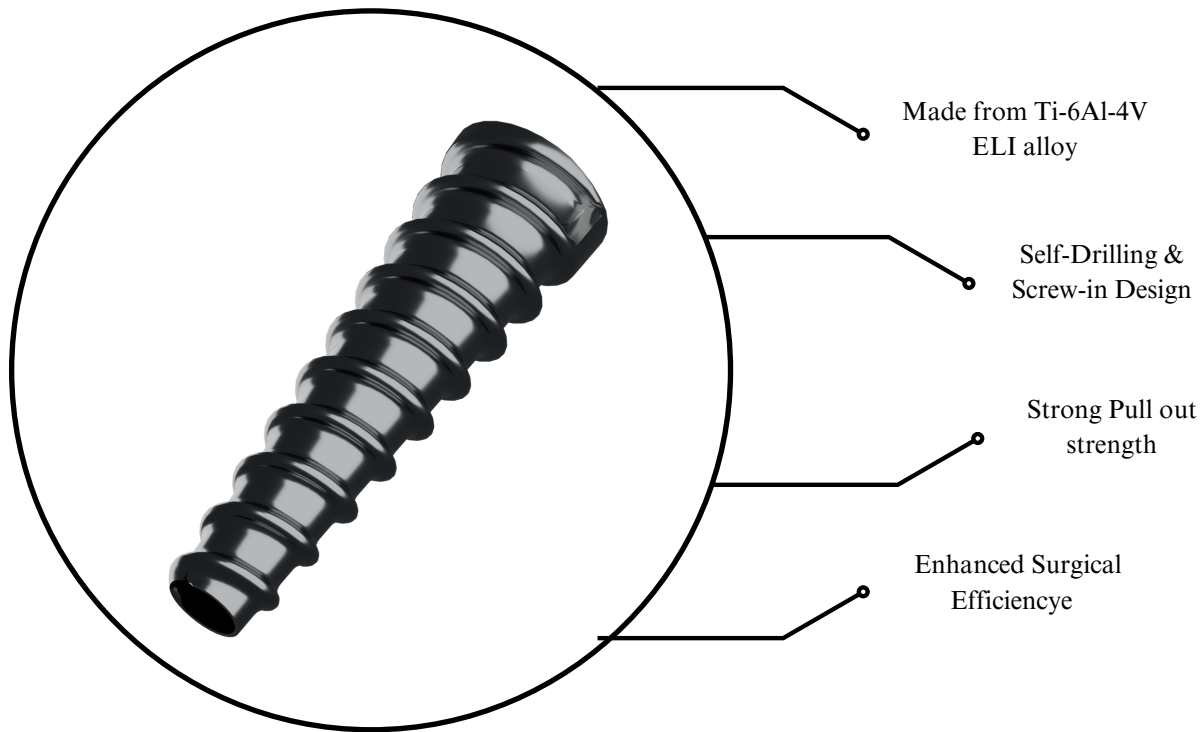
Reliable Fixation. Consistent Tension. Proven Strength.



BRAND	CODE	ITEM DISCRIPTION
ENDOSTUD	MA-KBT00010	ENDOSTUD FIXATION BUTTON WITH LOOP 10MM
ENDOSTUD	MA-KBT00015	ENDOSTUD FIXATION BUTTON WITH LOOP 15MM
ENDOSTUD	MA-KBT00020	ENDOSTUD FIXATION BUTTON WITH LOOP 20MM
ENDOSTUD	MA-KBT00025	ENDOSTUD FIXATION BUTTON WITH LOOP 25MM
ENDOSTUD	MA-KBT00030	ENDOSTUD FIXATION BUTTON WITH LOOP 30MM
ENDOSTUD	MA-KBT00035	ENDOSTUD FIXATION BUTTON WITH LOOP 35MM
ENDOSTUD	MA-KBT00040	ENDOSTUD FIXATION BUTTON WITH LOOP 40MM
ENDOSTUD	MA-KBT00045	ENDOSTUD FIXATION BUTTON WITH LOOP 45MM
ENDOSTUD	MA-KBT00050	ENDOSTUD FIXATION BUTTON WITH LOOP 50MM
ENDOSTUD	MA-KBT00055	ENDOSTUD FIXATION BUTTON WITH LOOP 55MM
ENDOSTUD	MA-KBT00060	ENDOSTUD FIXATION BUTTON WITH LOOP 60MM
ENDOSTUD - TIBIAL	MA-KZT00064	KNITROPE TIBIAL BUTTON
ENDOSTUD - BTB	MA-KZT00078	BTB FIXATION SYSTEM

FERENCE-TI (Titanium Interference Screws)

The FERENCE-TI Titanium Interference Screws are designed for strong, secure fixation in ACL, PCL, BTB, and tenodesis tendon repairs. Crafted from high-strength Ti-6Al-4V ELI titanium, these screws offer exceptional biocompatibility, durability, and precise graft retention.



ERENCE-TI Titanium Interference Screws deliver high-strength, reliable fixation, ensuring optimal graft security and long-term surgical success.

High-Strength Titanium Construction

- Made from Ti-6Al-4V ELI alloy, ensuring long-lasting fixation and biocompatibility.
- Reduces the risk of inflammation or adverse biological reactions.

Optimal Graft Protection

- Fully threaded, blunt-tip design prevents graft laceration during insertion.
- Polished, radiused threads provide maximum protection while securing the graft firmly.

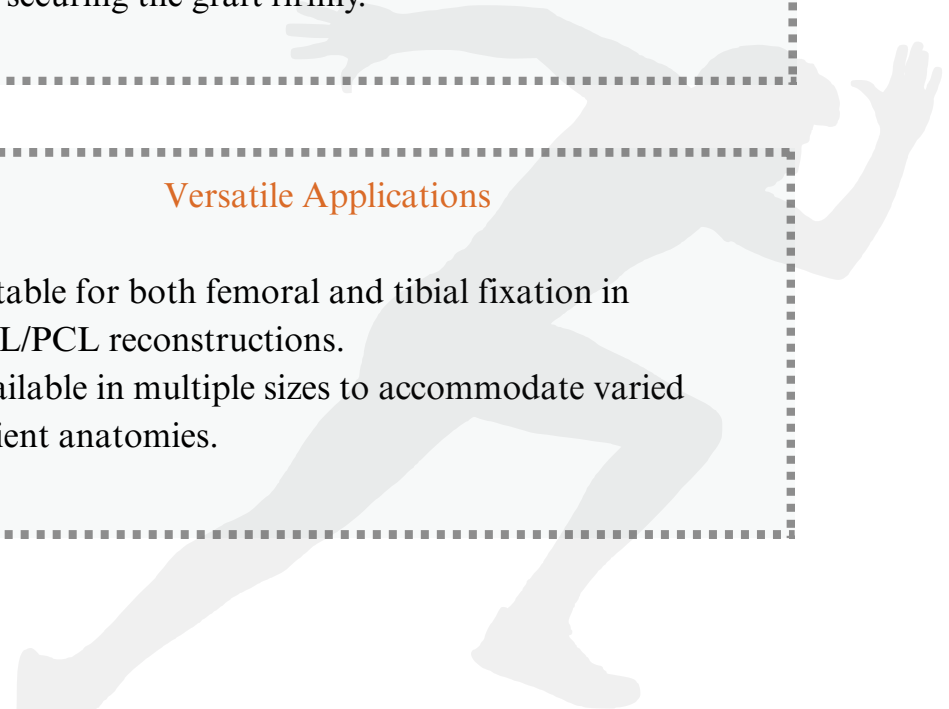
Enhanced Surgical Efficiency

- Tapered tip design ensures easier insertion and tunnel fit.
- Standard 4.5mm hex allows for easy insertion and removal.
- Cannulated structure facilitates precise guide wire placement for smooth workflow.

Versatile Applications

- Suitable for both femoral and tibial fixation in ACL/PCL reconstructions.
- Available in multiple sizes to accommodate varied patient anatomies.

Precision Fixation. Maximum Graft Protection.

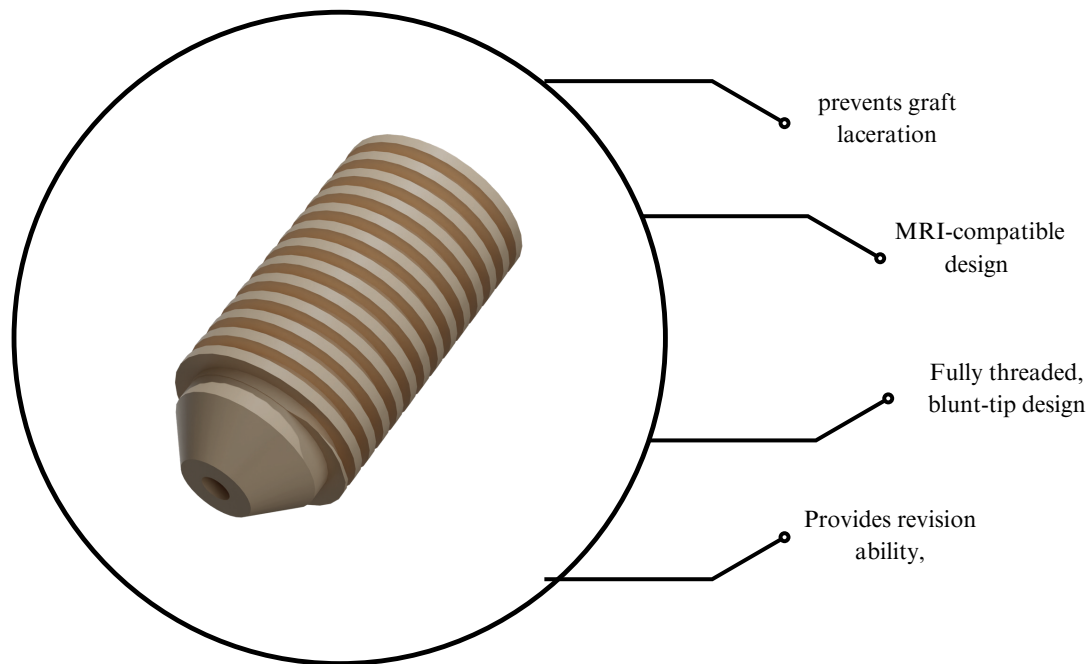


ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
ERENCE-TI	MA-KIT70025	TITANIUM INTERFERENCE SCREW 7MM X 25MM
ERENCE-TI	MA-KIT70030	TITANIUM INTERFERENCE SCREW 7MM X 30MM
ERENCE-TI	MA-KIT80025	TITANIUM INTERFERENCE SCREW 8MM X 25MM
ERENCE-TI	MA-KIT80030	TITANIUM INTERFERENCE SCREW 8MM X 30MM
ERENCE-TI	MA-KIT90025	TITANIUM INTERFERENCE SCREW 9MM X 25MM
ERENCE-TI	MA-KIT90030	TITANIUM INTERFERENCE SCREW 9MM X 30MM
ERENCE-TI	MA-KIT50020	TITANIUM INTERFERENCE SCREW 5MM X 20MM
ERENCE-TI	MA-KIT50025	TITANIUM INTERFERENCE SCREW 5MM X 25MM
ERENCE-TI	MA-KIT60020	TITANIUM INTERFERENCE SCREW 6MM X 20MM
ERENCE-TI	MA-KIT10025	TITANIUM INTERFERENCE SCREW 10MM X 25MM
ERENCE-TI	MA-KIT10030	TITANIUM INTERFERENCE SCREW 10MM X 30MM
ERENCE-TI	MA-KIT11025	TITANIUM INTERFERENCE SCREW 11MM X 25MM
ERENCE-TI	MA-KIT11030	TITANIUM INTERFERENCE SCREW 11MM X 30MM
ERENCE-TI	MA-KIT12030	TITANIUM INTERFERENCE SCREW 12MM X 30MM

FERENCE-PEEK (PEEK Interference Screws)

The FERENCE-PEEK Interference Screws offer strong, stable fixation for ACL, PCL, BTB, and tenodesis tendon repairs. Made from high-performance Polyetheretherketone (PEEK), these screws provide exceptional biocompatibility, durability, and radiolucency, making them a preferred alternative to metal implants.



ERENCE-PEEK

ERENCE-PEEK Interference Screws deliver optimal fixation without the drawbacks of metal implants, ensuring superior patient outcomes.

Advanced PEEK Material

- Constructed from medical-grade PEEK, ensuring long-term biostability and superior mechanical strength.
- Radiolucent composition prevents imaging interference, allowing clear post-operative assessment.
- Non-metallic MRI-compatible design avoids scan artifacts.

Secure & Reliable Fixation

- Fully threaded, blunt-tip design prevents graft laceration and enhances graft retention.
- Optimized thread pattern enables strong mechanical fixation with minimal tunnel preparation.
-

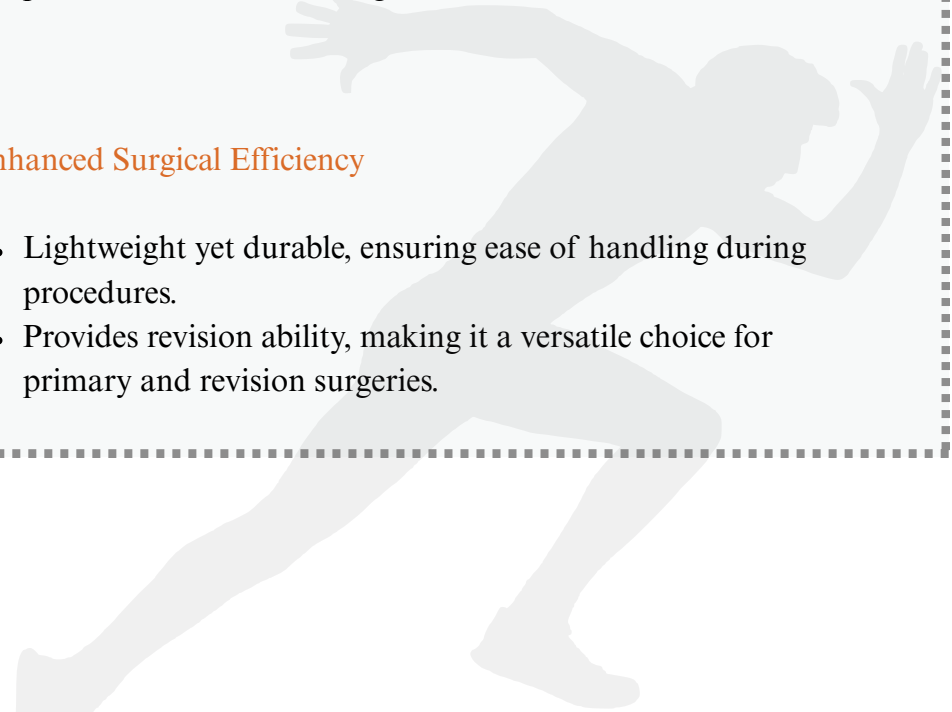
Versatile Surgical Applications

- Ideal for both soft tissue and bone-tendon-bone (BTB) grafts in ACL/PCL reconstructions.
- Available in various sizes, offering flexibility for different patient anatomies and surgical needs.

Enhanced Surgical Efficiency

- Lightweight yet durable, ensuring ease of handling during procedures.
- Provides revision ability, making it a versatile choice for primary and revision surgeries.

Superior Fixation. Biocompatible. Metal-Free Solution.

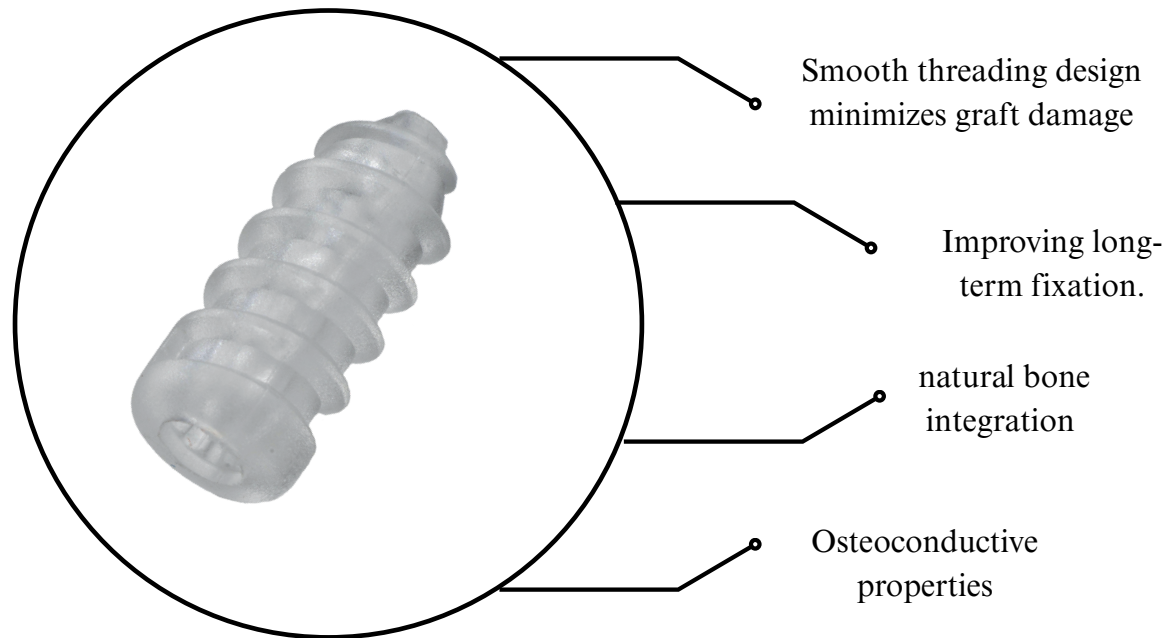


ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
ERENCE-PEEK	MA-KZP00001	PEEK INTERFERENCE SCREW 5 X 15 MM
ERENCE-PEEK	MA-KZP00006	PEEK INTERFERENCE SCREW 7 X 25 MM
ERENCE-PEEK	MA-KZP00008	PEEK INTERFERENCE SCREW 7 X 30 MM
ERENCE-PEEK	MA-KZP00010	PEEK INTERFERENCE SCREW 8 X 25 MM
ERENCE-PEEK	MA-KZP00012	PEEK INTERFERENCE SCREW 8 X 30 MM
ERENCE-PEEK	MA-KZP00014	PEEK INTERFERENCE SCREW 9 X 25 MM
ERENCE-PEEK	MA-KZP00016	PEEK INTERFERENCE SCREW 9 X 30 MM
ERENCE-PEEK	MA-KZP00018	PEEK INTERFERENCE SCREW 10 X 25 MM
ERENCE-PEEK	MA-KZP00020	PEEK INTERFERENCE SCREW 10 X 30 MM
ERENCE-PEEK	MA-KZP00024	PEEK INTERFERENCE SCREW 11 X 30 MM
ERENCE-PEEK	MA-KZP00026	PEEK INTERFERENCE SCREW 12 X 30 MM

BIO-Ference -PLGA+BETA TCP (Bio Composite Screw)

The **BIO-FERENCE Bio-Composite Interference Screw** is designed to provide secure fixation while promoting bone regeneration during ligament reconstruction procedures. Made from **PLGA (Polylactic-co-glycolic acid)** and **Beta-Tricalcium Phosphate (β -TCP)**, this screw gradually resorbs, supporting natural bone integration and reducing the need for hardware removal.



BIO-Ference -PLGA+BETA TCP

BIO-FERENCE delivers the perfect balance of strength, bioabsorption, and natural bone integration—offering a next-generation solution for ligament reconstruction.

Advanced Bio-Composite Material –

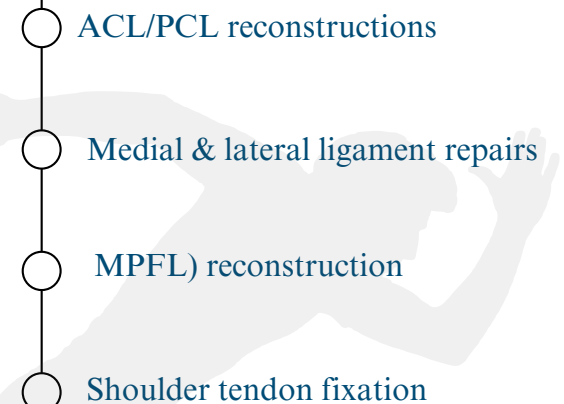
- Optimized blend of PLGA + β -TCP balances mechanical strength and controlled resorption for progressive bone regeneration.
- Osteoconductive properties enhance bone ingrowth, improving long-term fixation.
- Smooth threading design minimizes graft damage and ensures secure positioning.
- Ensures consistent integration of soft tissue into bone for enhanced healing.

Bioabsorbable & Biocompatible –

- Resorbs naturally over time, eliminating concerns related to permanent implants.
- Bio-inert composition reduces inflammatory response, promoting faster recovery.
- No need for hardware removal, offering long-term convenience for both patients and surgeons.

Enhanced Surgical Efficiency –

- Thread design tailored for maximum implant-to-bone contact, optimizing stability.
- Graduated tapered structure improves insertion torque and fixation strength.



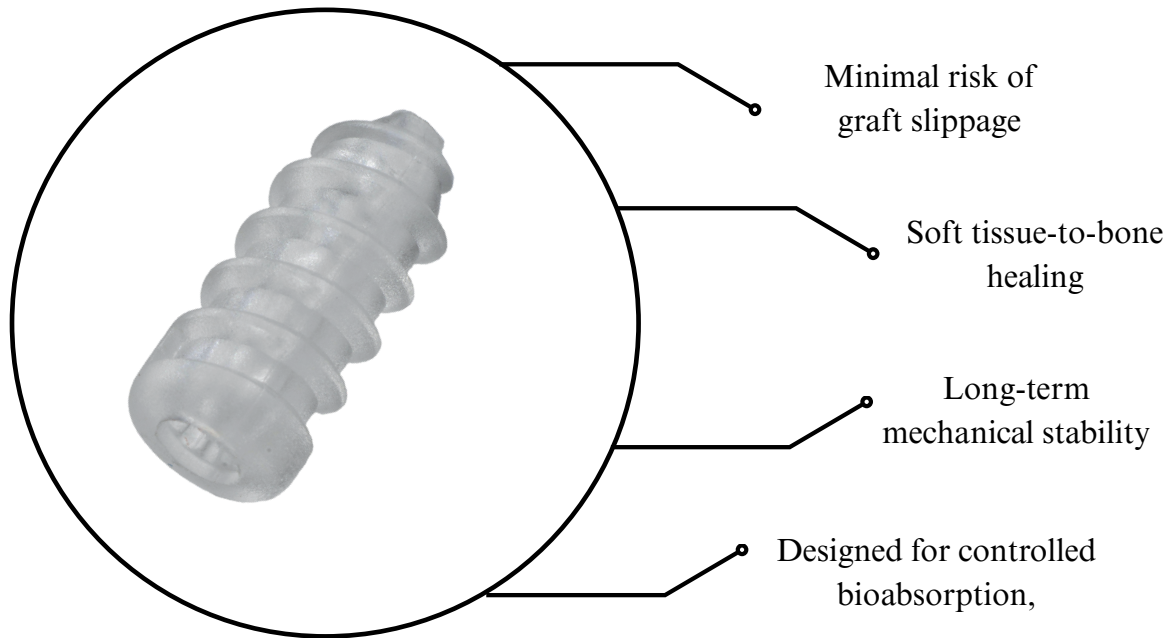
Strong Fixation. Natural Healing.

ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
BIO-Ference (PLGA+BETA TCP)	MA-KZB00003	BIOCOMPOSITE INTERFERENCE SCREW 6x25mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00004	BIOCOMPOSITE INTERFERENCE SCREW 6x30mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00005	BIOCOMPOSITE INTERFERENCE SCREW 7x25mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00006	BIOCOMPOSITE INTERFERENCE SCREW 7x30mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00007	BIOCOMPOSITE INTERFERENCE SCREW 8x25mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00008	BIOCOMPOSITE INTERFERENCE SCREW 8x30mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00009	BIOCOMPOSITE INTERFERENCE SCREW 9x25mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00010	BIOCOMPOSITE INTERFERENCE SCREW 9x30mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00011	BIOCOMPOSITE INTERFERENCE SCREW 10x25mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00012	BIOCOMPOSITE INTERFERENCE SCREW 10x30mm
BIO-Ference (PLGA+BETA TCP)	MA-KZB00013	BIOCOMPOSITE INTERFERENCE SCREW 11x25mm
BIO-Ference(PLGA+BETA TCP)	MA-KZB00014	BIOCOMPOSITE INTERFERENCE SCREW 11x30mm

BIO-Ference (PLLA+HA) (Bio Absorbable Screw)

The **BIO-FERENCE** Bioabsorbable Interference Screw is engineered for secure fixation and enhanced bone integration during cruciate ligament reconstruction procedures. Made from Poly-L-Lactic Acid (PLLA) and Hydroxyapatite (HA), this advanced bioabsorbable screw supports gradual resorption while maintaining mechanical strength, ensuring optimal graft healing and bone regeneration.



BIO-Ference (PLLA+HA)

BIO-FERENCE (PLLA + HA) combines exceptional fixation strength with bioabsorbability, supporting a natural healing process while eliminating the need for permanent implants.

Superior Bioactivity & Bone Integration –

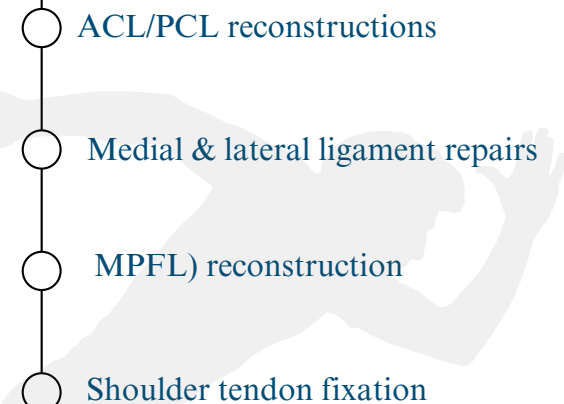
- PLLA ensures long-term mechanical stability, while HA promotes natural bone growth.
- Encourages soft tissue-to-bone healing, reducing the risk of graft slippage.
- Designed for controlled bioabsorption, gradually integrating into the patient's anatomy.

Optimized Fixation Strength –

- Exhibits the strength of a solid interference screw, ensuring secure graft placement.
- Tapered thread design enhances initial fixation and ease of insertion.
- Maintains structural integrity throughout the healing process.
- Single-point fixation provides efficient surgical outcomes and restores normal joint function.

Predictable Resorption Profile –

- Absorbs at a controlled rate, eliminating the need for implant removal.
- Minimizes foreign body reactions, ensuring a smooth healing process.
- Provides long-term support without compromising bone integrity.



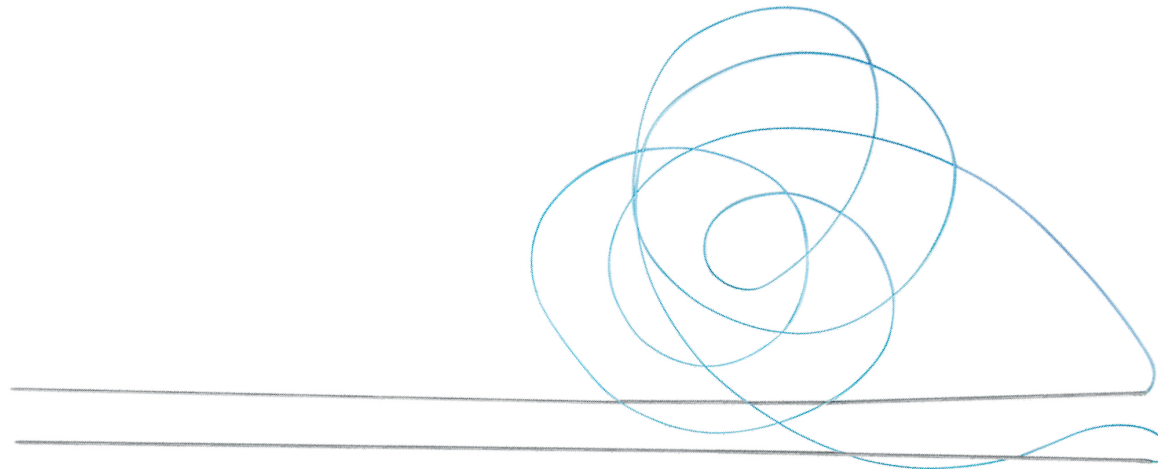
Seamless Integration. Natural Healing.

ORDERING INFORMATION

BRAND	CODE	ITEM DISCRIPTION
BIO-Ference (PLLA+HA)	MA-KIB70025	BIO-Ference INTERFERENCE SCREW 7MM X 25MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB70030	BIO-Ference INTERFERENCE SCREW 7MM X 30MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB80025	BIO-Ference INTERFERENCE SCREW 8MM X 25MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB80030	BIO-Ference INTERFERENCE SCREW 8MM X 30MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB90025	BIO-Ference INTERFERENCE SCREW 9MM X 25MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB90030	BIO-Ference INTERFERENCE SCREW 9MM X 30MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB10025	BIO-Ference INTERFERENCE SCREW 10MM X 25MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB10030	BIO-Ference INTERFERENCE SCREW 10MM X 30MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB11025	BIO-Ference INTERFERENCE SCREW 11MM X 25MM (PLLA+HA)
BIO-Ference (PLLA+HA)	MA-KIB11030	BIO-Ference INTERFERENCE SCREW 11MM X 30MM (PLLA+HA)

Meniscal-DARN (inside-out)

The MENISCAL DARN Inside-Out Meniscal Repair System is designed to provide strong, reliable fixation for complex meniscal tears, ensuring secure healing and long-term stability. Utilizing an inside-out technique, it offers surgeons greater control over suture placement, making it ideal for repairing large or posterior me



- Optimized needle flexibility
- Exceptional strength and durability.
- Enhances maneuverability
- Secure, load-bearing fixation

MENISCA DARN	MA-KZP00028	BIO-Ference INTERFERENCE SCREW 11MM X 30MM (PLLA+HA)
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Meniscal-DARN (inside-out)

The MENISCAL DARN Inside-Out Meniscal Repair System delivers a robust and precise solution for meniscal repair, ensuring enhanced surgical efficiency, durability, and patient recovery.

Advanced Fixation Technology

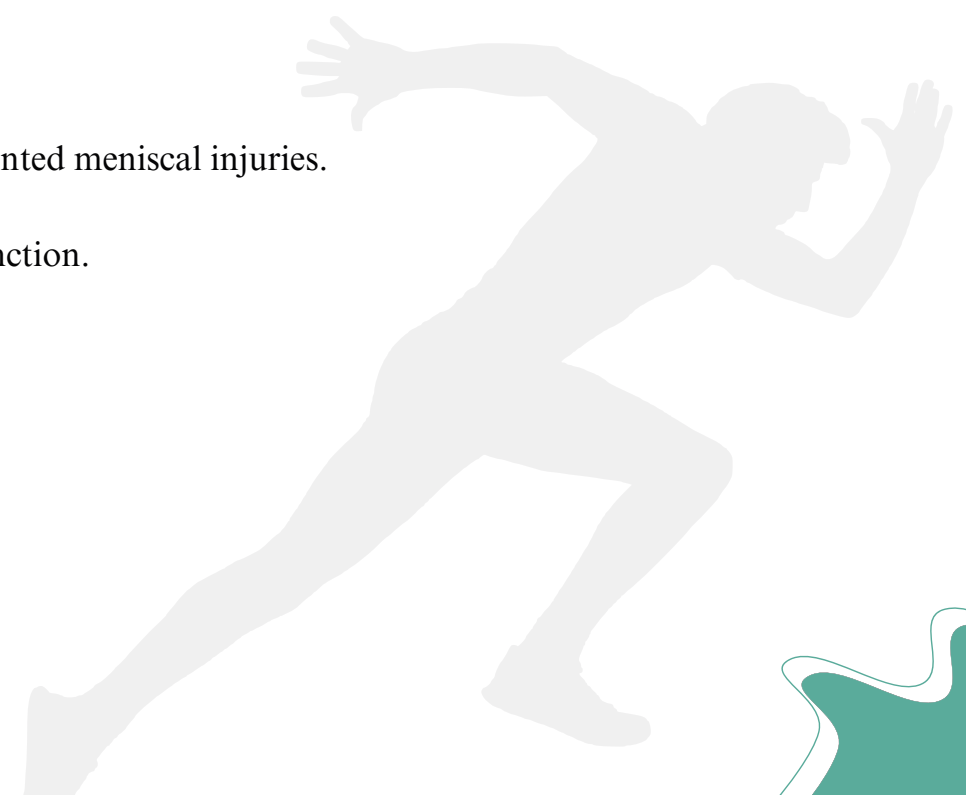
- UHMWPE (Ultra-High Molecular Weight Polyethylene) sutures provide exceptional strength and durability.
- Inside-out technique ensures precise suture placement from within the joint to the outer capsule.
- Flexible needle design enhances maneuverability in tight joint spaces.

Versatile & Effective –

- Ideal for repairing complex tears, including large, posterior, and multi-fragmented meniscal injuries.
- Customizable system allows for surgical flexibility based on patient needs.
- Provides secure, load-bearing fixation to enhance healing and restore knee function.

Minimally Invasive & Surgeon-Friendly –

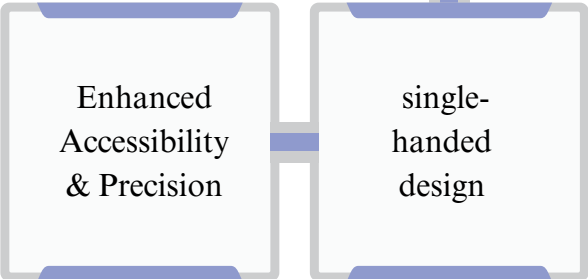
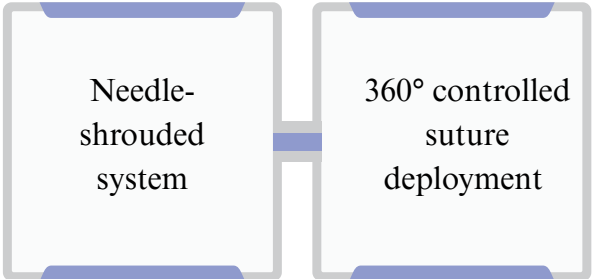
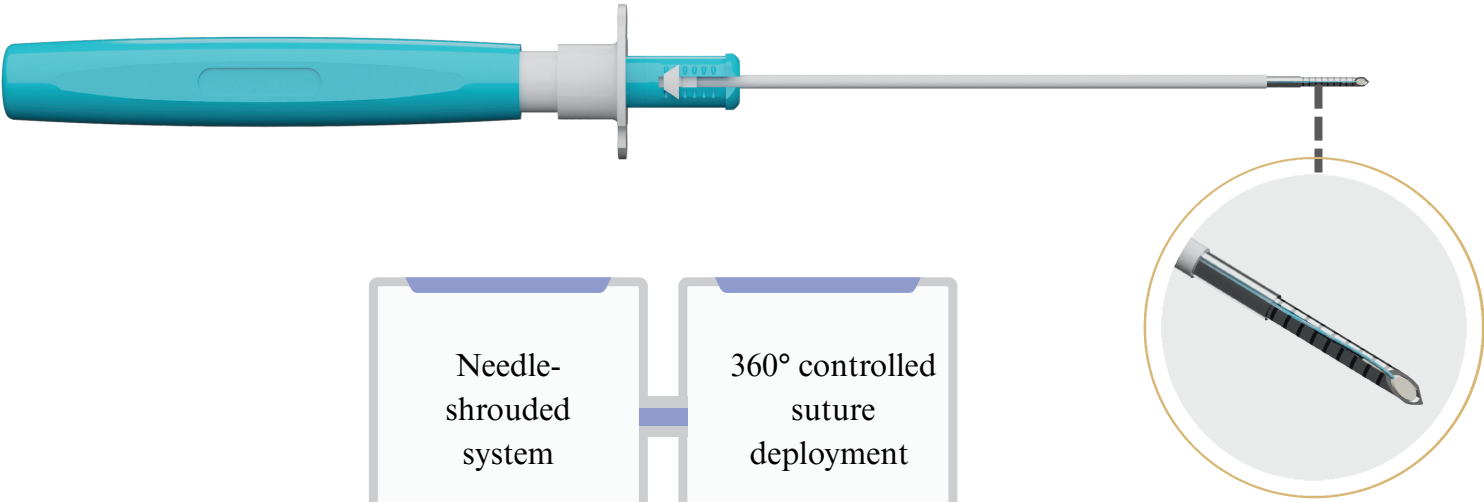
- Designed for controlled suture placement, ensuring strong and reliable repair.
- Optimized needle flexibility allows smooth passage through the meniscus.
- Proven clinical efficacy in managing challenging meniscal injuries.



Precision. Strength. Inside-Out Approach.

RAPID-FIX (All Inside)

The RAPID-FIX All-Inside Meniscal Repair System is designed for efficient and reliable meniscal repair, utilizing a minimally invasive approach to preserve knee integrity. Engineered for all-inside technique, it ensures strong fixation and optimal healing while reducing surgical trauma.



RAPID-FIX

MA-KZP00029

ALL INSIDE MENISCAL REPAIR SYSTEM



RAPID-FIX (All Inside)

The RAPID-FIX All-Inside Meniscal Repair System offers cutting-edge technology for secure, efficient, and minimally invasive meniscal repair, ensuring better functional outcomes and faster recovery.

Advanced Fixation Technology –

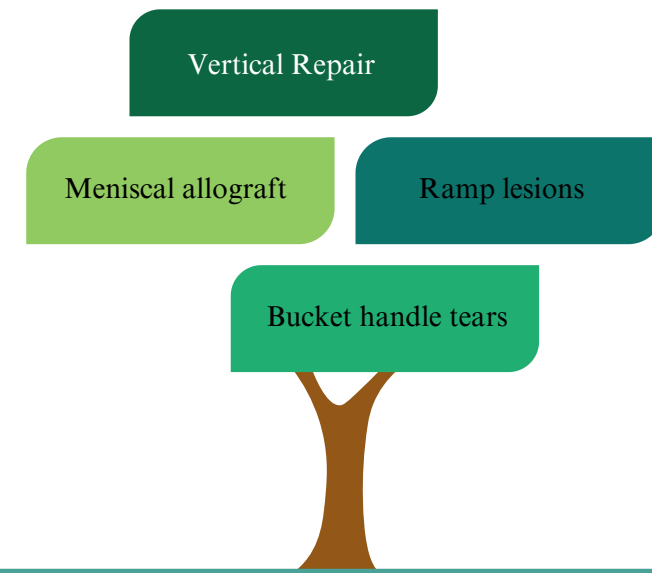
- UHMWPE (Ultra-High Molecular Weight Polyethylene) sutures provide exceptional strength and durability.
- PEEK anchors offer biocompatibility and long-term stability.
- Adjustable deployment system allows precise suture placement.

Minimally Invasive Approach –

- Ergonomic, single-handed design enhances surgeon control and ease of use.
- Reduced surgical trauma leads to faster recovery and improved patient outcomes.
- No need for additional cannulas, simplifying the procedure.

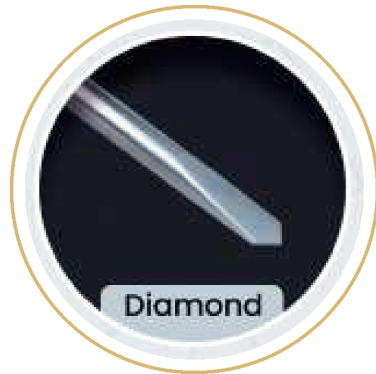
Enhanced Accessibility & Precision –

- Provides access to all meniscal zones, including the posterior, mid-body, and anterior third, addressing a wide range of meniscal injuries.
- Needle-shrouded system enables smooth entry and exit while protecting surrounding structures.



Passing Pin

The Passing Pin is an essential tool for precise and secure placement of PEEK and Titanium interference screws during Anterior and Posterior Cruciate Ligament (ACL/PCL) reconstruction. Engineered for smooth tunnel creation and implant transport, it enhances surgical precision and efficiency.



Nitinol wire
construction

seamless
passage
through bone
tunnels.

Minimal
tissue
trauma

smooth
tunnel
creation



Passing Pin

The Passing Pin is a critical instrument for ACL/PCL procedures, offering precision, strength, and reliability to support optimal surgical outcomes.

Optimized for Precision & Stability –

- Nitinol wire construction ensures flexibility and durability during tunnel creation.
- Facilitates accurate positioning of implants and grafts within tibial and femoral tunnels.
- Symmetrical tunnel opening minimizes structural inconsistencies.

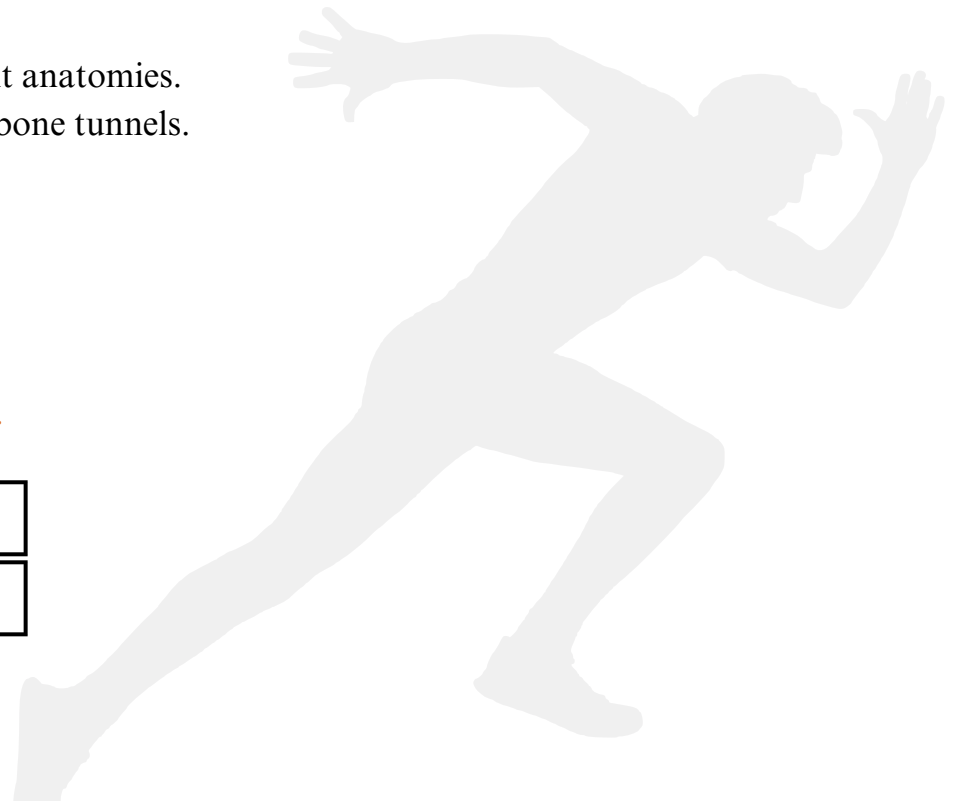
Versatile & Surgeon-Friendly –

- Available in various lengths and diameters to accommodate different patient anatomies.
- Smooth finish reduces tissue trauma and ensures seamless passage through bone tunnels.
- Designed for both primary and revision ACL/PCL repair.

Enhanced Visualization & Control –

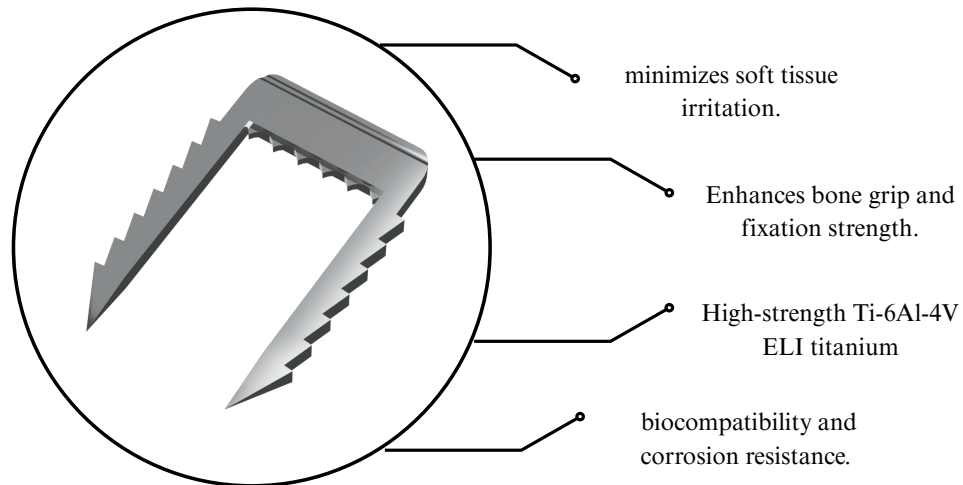
- Radiopaque markers allow for precise intraoperative visualization.
- Ensures accurate tunnel placement, improving overall graft fixation success.

PASSING PIN	MA-INDTKN093	Passing Pin Ø 2,4 x 430 mm, drill tip, w/eyelet
PASSING PIN	MA-INDTKN094	Passing Pin Ø 2,4 x 430 mm, diamond tip, w/eyelet



U-Staple

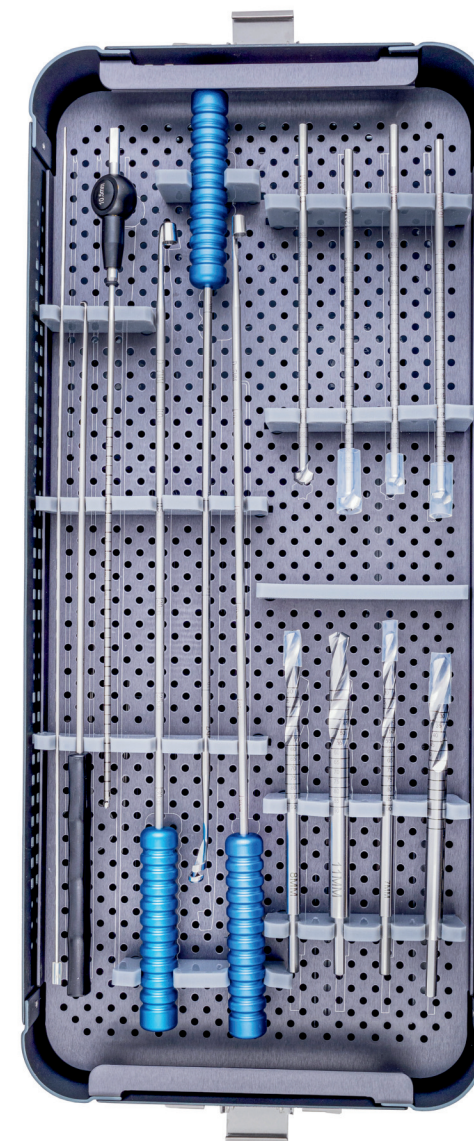
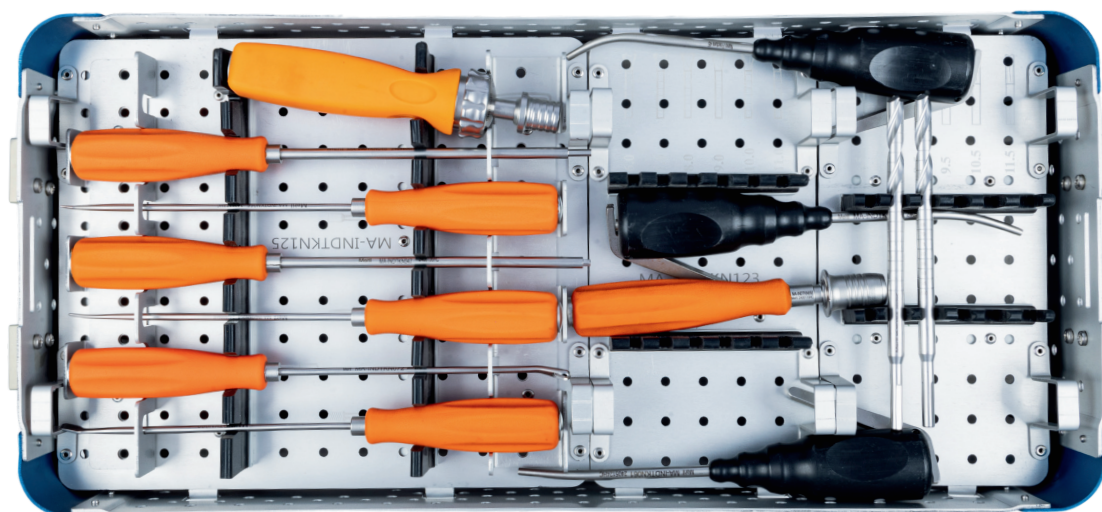
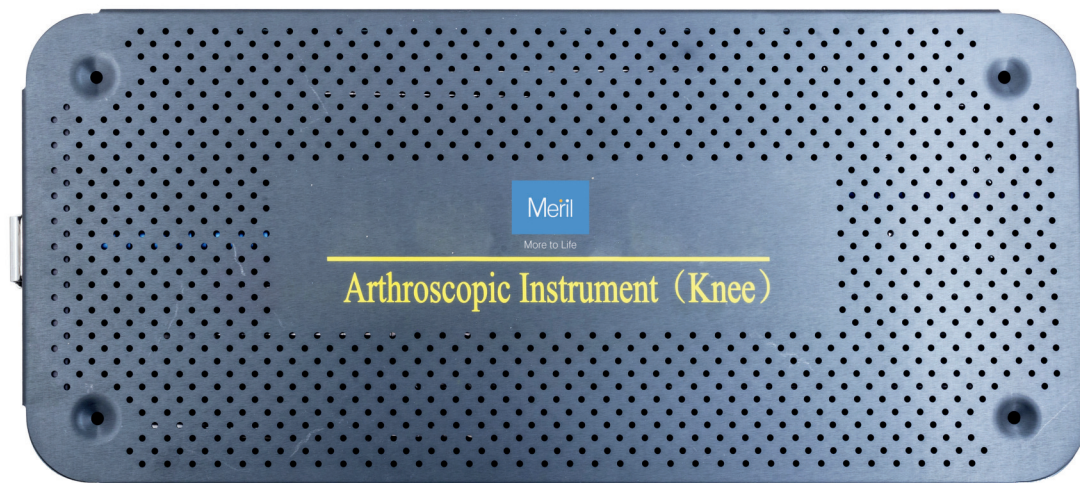
The U-Staple is designed for effective tendon-to-bone fixation, providing exceptional mechanical stability and load distribution. Engineered from biocompatible Ti-6Al-4V ELI titanium, it ensures long-term durability and optimal fixation strength for various orthopedic applications.



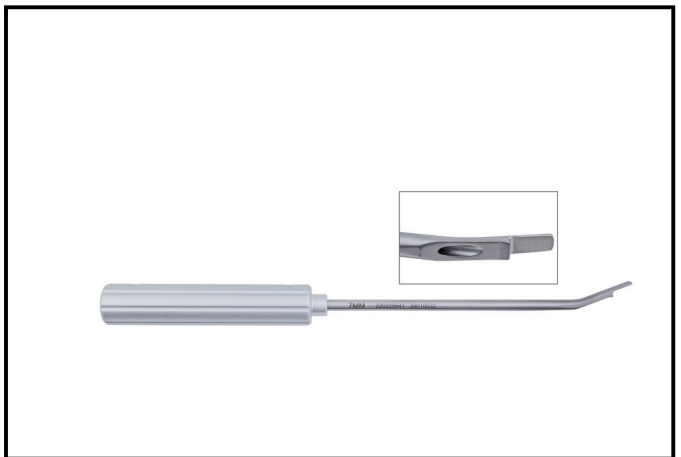
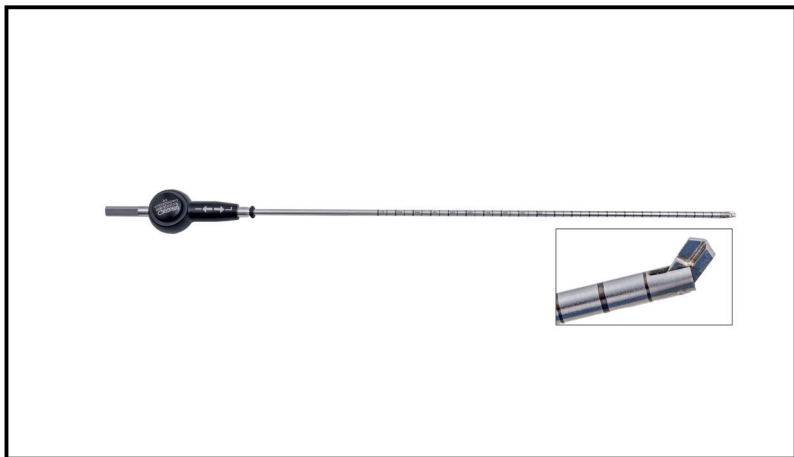
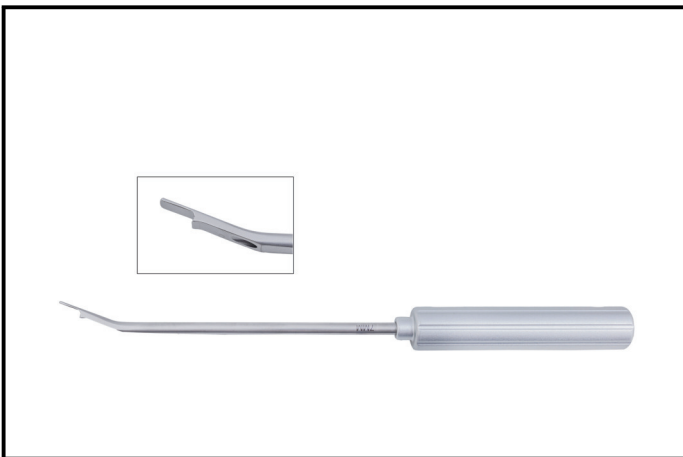
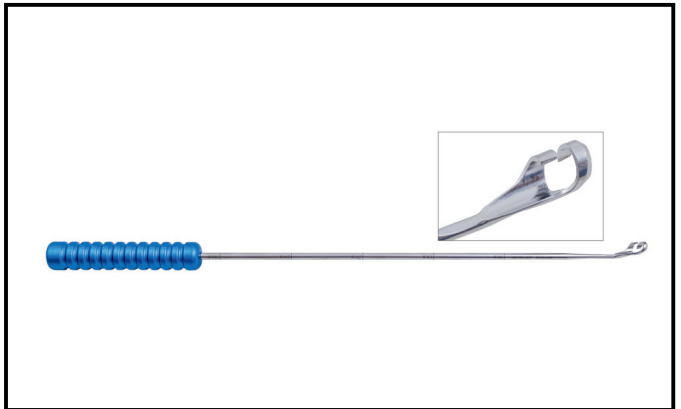
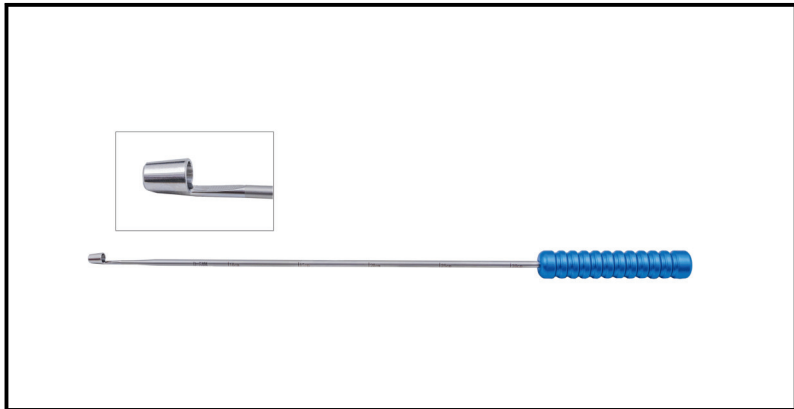
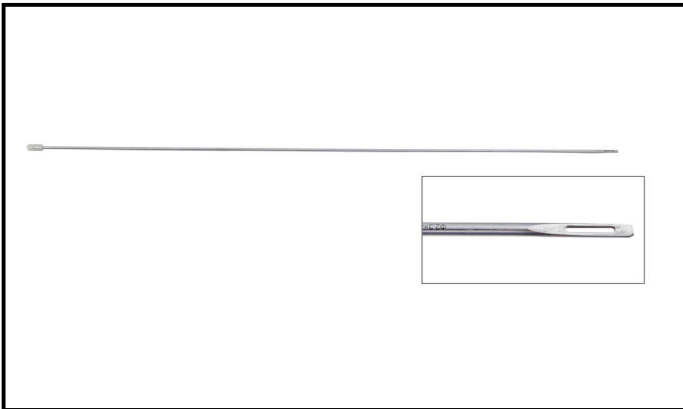
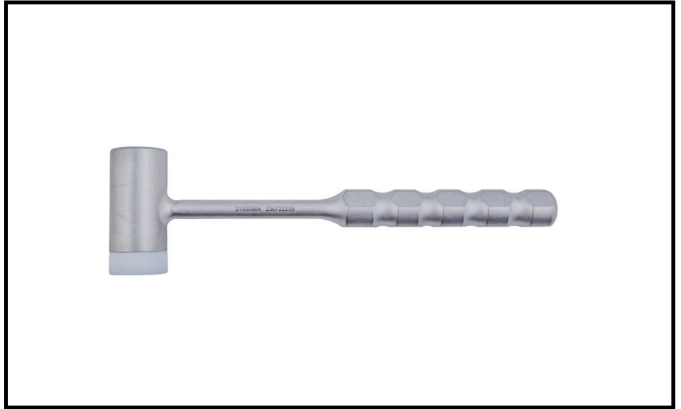
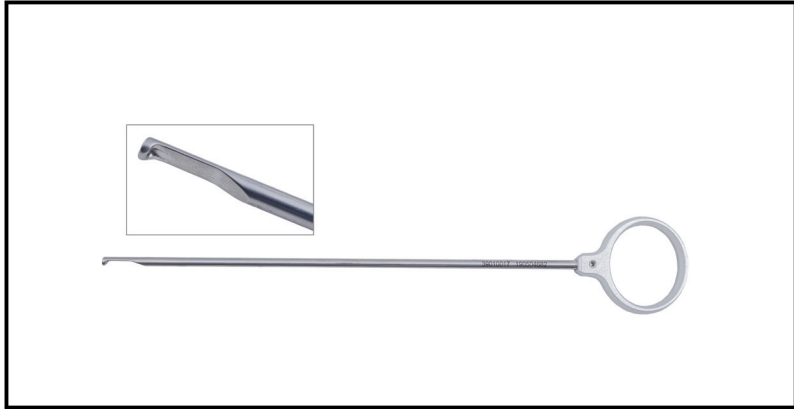
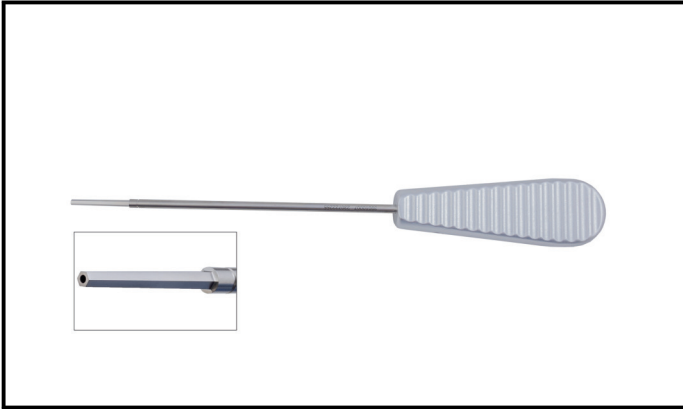
Staple	MA-KZT00073	U STAPLE 8 MM
Staple	MA-KZT00074	U STAPLE 9 MM
Staple	MA-KZT00075	U STAPLE 10 MM



Knee Instrumentation



Knee Instrumentation



ORDERING INFORMATION

CODE	MATERIAL DESCRIPTION
MA-INDTKN001	SUTURE PASSER (Knee)
MA-INDTKN012	Dilator Handle
MA-INDTKN013	Femoral Aimer 5,5 mm
MA-INDTKN014	Femoral Aimer 6 mm
MA-INDTKN015	Femoral Aimer 6,5 mm
MA-INDTKN016	Femoral Aimer 7 mm
MA-INDTKN020	Femoral Reamer 4,5 mm
MA-INDTKN021	Femoral Reamer 5,0 mm
MA-INDTKN022	Femoral Reamer 6,0 mm
MA-INDTKN023	Femoral Reamer 6,5 mm
MA-INDTKN024	Femoral Reamer 7,0 mm
MA-INDTKN025	Femoral Reamer 7,5 mm
MA-INDTKN026	Femoral Reamer 8,0 mm
MA-INDTKN027	Femoral Reamer 8,5 mm
MA-INDTKN028	Femoral Reamer 9,0 mm

CODE	MATERIAL DESCRIPTION
MA-INDTKN029	Femoral Reamer 9,5 mm
MA-INDTKN030	Femoral Reamer 10,0 mm
MA-INDTKN031	Femoral Reamer 10,5 mm
MA-INDTKN032	Tibial Reamer 6,5 mm
MA-INDTKN033	Tibial Reamer 7,0 mm
MA-INDTKN034	Tibial Reamer 7,5 mm
MA-INDTKN035	Tibial Reamer 8,0 mm
MA-INDTKN036	Tibial Reamer 8,5 mm
MA-INDTKN037	Tibial Reamer 9,0 mm
MA-INDTKN038	Tibial Reamer 9,5 mm
MA-INDTKN039	Tibial Reamer 10,0 mm
MA-INDTKN040	Tibial Reamer 10,5 mm
MA-INDTKN042	Tendon Stripper open 7 mm
MA-INDTKN044	Tendon Stripper close 7 mm
MA-INDTKN045	Interference Screw Driver 7 mm

ORDERING INFORMATION



CODE	MATERIAL DESCRIPTION
MA-INDTKN046	Interference Screw Driver 8-9-10-11 mm
MA-INDTKN047	Titanium Interference Screw Driver
MA-INDTKN048	Bio Screw Driver 7,8,9 mm
MA-INDTKN049	Bio Screw Driver 10,11 mm
MA-INDTKN057	Easy Out
MA-INDTKN059	Gentle Threades Notcher
MA-INDTKN060	Arthroscopic Elevator
MA-INDTKN064	Micro Fracture 15°
MA-INDTKN065	Micro Fracture 30°
MA-INDTKN066	Micro Fracture 45°
MA-INDTKN067	Arthroscopic Rasp
MA-INDTKN068	Arthroscopic Curette
MA-INDTKN069	Stapler Impactor Non Loc.
MA-INDTKN070	Stapler Impactor Loc.
MA-INDTKN071	Osteotome Curette

CODE	MATERIAL DESCRIPTION
MA-INDTKN073	Pull Wire Guide
MA-INDTKN074	Tibial Guide Handle + Elbow ACL
MA-INDTKN075	Tibial Guide Handle + Elbow PCL
MA-INDTKN076	Femoral Guide Handle + Elbow PCL
MA-INDTKN077	Tendon Holder
MA-INDTKN078	Tendon Tightener
MA-INDTKN079	Button Tightener
MA-INDTKN080	Tendon Tensioner
MA-INDTKN081	Graft Preparation board
MA-INDTKN082	Graft Sizing Block
MA-INDTKN085	Depth Gauge
MA-INDTKN086	PIN REMOVER
MA-INDTKN088	Reamer-Aimer Tray
MA-INDTKN089	Core Instrument Tray
MA-INDTKN090	Graft Preparation Instrument Tray

Knee Instrumentation



ORDERING INFORMATION

CODE	MATERIAL DESCRIPTION
MA-INDTKN119	Reusable Maniscal Suture Pusher Cutter & Guide
MA-INDTKN091	MicroFracture Nitinol Pin
MA-INDTKN123	Femoral Reamer Tray
MA-INDTKN124	Tibial Reamer Tray
MA-INDTKN125	Femoral Aimer Tray
MA-INDTKN126	Pin Remover Tray
MA-INDTKN127	ACL/PCL Tray
MA-INDTSH002	Suture Cutter
MA-INDTSH010	Suture Manipulator
MA-INDTSH013	Hammer
MA-INDTSH013	Crochet Hook
MA-INAQSH001	Knot Manipulator
MA-INAQSH002	Director Drill Guide
MA-INAQKN010	Cord Cutter
MA-INAQSH003	Suture Cutter

CODE	MATERIAL DESCRIPTION
MA-INAQSH009	Suture Manipulator 360° Rotatable
MA-INAQSH010	Suture Manipulator
MA-INAQKN011	Tendon Strippers, Slotted, 5mm
MA-INAQKN012	Tendon Strippers, Slotted, 6mm
MA-INAQKN013	Tendon Strippers, Slotted, 7mm
MA-INAQKN014	Tendon Strippers, Slotted, 8mm
MA-INAQKN015	Tendon Strippers , Closed, 7mm
MA-INAQKN016	Tendon Strippers , Closed, 8mm
MA-INAQKN017	Graft Preparation Working Station
MA-INAQKN018	Graft Sizing Tubes
MA-INAQKN019	Cannulated Drill Bit_Tibial- Ø5*178mm
MA-INAQKN020	Cannulated Drill Bit_Tibial- Ø6*178mm
MA-INAQKN021	Cannulated Drill Bit_Tibial-Ø6.5*178mm
MA-INAQKN022	Cannulated Drill Bit_Tibial- Ø7*178mm
MA-INAQKN023	Cannulated Drill Bit_Tibial-Ø7.5*178mm

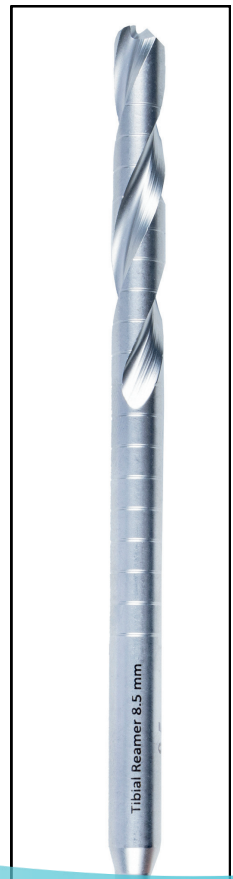
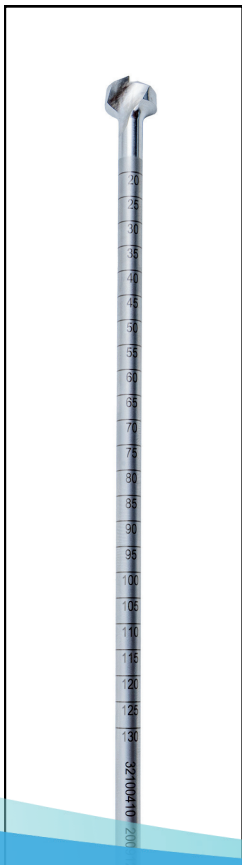
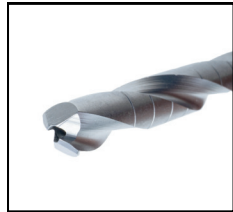
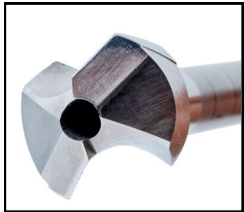
ORDERING INFORMATION



CODE	MATERIAL DESCRIPTION
MA-INAQKN024	Cannulated Drill Bit_Tibial- Ø8*178mm
MA-INAQKN025	Cannulated Drill Bit_Tibial-Ø8.5*178mm
MA-INAQKN026	Cannulated Drill Bit_Tibial- Ø9*178mm
MA-INAQKN027	Cannulated Drill Bit_Tibial- Ø10*178mm
MA-INAQKN028	Cannulated Drill Bit_Tibial-Ø10.5*178mm
MA-INAQKN029	Cannulated Drill Bit_Tibial- Ø11*178mm
MA-INAQKN030	Cannulated Drill Bit_Tibial-Ø11.5*178mm
MA-INAQKN031	Cannulated Drill Bit_Tibial-Ø12*178mm
MA-INAQKN032	Cannulated Drill Bit_Femoral-Ø6*190.5
MA-INAQKN033	Cannulated Drill Bit_Femoral-Ø6.5*190.5
MA-INAQKN034	Cannulated Drill Bit_Femoral-Ø7*190.5
MA-INAQKN035	Cannulated Drill Bit_Femoral-Ø7.5*190.5
MA-INAQKN036	Cannulated Drill Bit_Femoral-Ø8*190.5
MA-INAQKN037	Cannulated Drill Bit_Femoral-Ø8.5*190.5
MA-INAQKN038	Cannulated Drill Bit_Femoral-Ø9*190.5

CODE	MATERIAL DESCRIPTION
MA-INAQKN039	Cannulated Drill Bit_Femoral-Ø9.5*190.5
MA-INAQKN040	Cannulated Drill Bit_Femoral-Ø10*190.5
MA-INAQSH046	Knot Manipulator
MA-INAQKN050	Director Drill Guide
MA-INAQKN051	Director ACL Elbow Aimer
MA-INAQKN052	Director PCL Tibial Aimer
MA-INAQKN053	Director PCL Femoral Aimer
MA-INAQKN054	Director ACL Tibial Aimer Type B
MA-INAQKN055	PCL Elevater
MA-INAQKN056	Aiming Device 6 mm
MA-INAQKN057	Aiming Device 7 mm
MA-INAQKN058	Depth Probe
MA-INAQKN060	PCL Implanter
MA-INAQKN061	Instrument Case_Knee_3 Layers
MA-INAQSH024	Suture Cutter

Knee Instrumentation



CODE	MATERIAL DESCRIPTION
MA-INAQKN041	Cannulated Drill Bit_Femoral-Ø10.5*190.5
MA-INAQKN042	Cannulated Drill Bit_Femoral-Ø11*190.5
MA-INAQKN043	Cannulated Drill Bit_Femoral-Ø11.5*190.5
MA-INAQKN044	Cannulated Drill Bit_Femoral-Ø12*190.5
MA-INAQKN045	Cannulated Drill Bit_Femoral-Ø5.5*202.5
MA-INAQKN046	Cannulated Drill Bit_Femoral-Ø5*202.5
MA-INAQKN047	Cannulated Drill Bit_Femoral-Ø4.5*202.5

PERSIST EQUIPMENTS



CONTENTS

- ✓ 4K Camera System
- ✓ HD Camera System
- ✓ 4K & HD Monitors
- ✓ RF Device
- ✓ Shaver System



PERSIST (Medical trolley)

Meril

More to Life

A meticulously designed solution to streamline surgical workflows by providing a stable, organized, and easily maneuverable platform for arthroscopic equipment. Engineered for efficiency, it ensures seamless accessibility to cameras, monitors, and essential instruments.



Material : Alluminum alloy

Dimension of base: 48.8cm *59.5cm

Height: 128.4cm

Weight : 50 Kg

Wheels: 4 inch Universal Silent Wheels

PERSIST (LED Cold Light Source)

Introducing our LED Cold Light Source – a high-intensity, energy-efficient illumination system designed for superior visualization in arthroscopic surgery. Delivering bright, consistent, and cool light, it enhances surgical precision while minimizing heat generation for optimal performance



Light Source : 80W

Function: With Sleeping Function

Luminous Lux: 2000lm

Color Rendering Index: ≥ 90

Color Temperature: 5000k-7000k

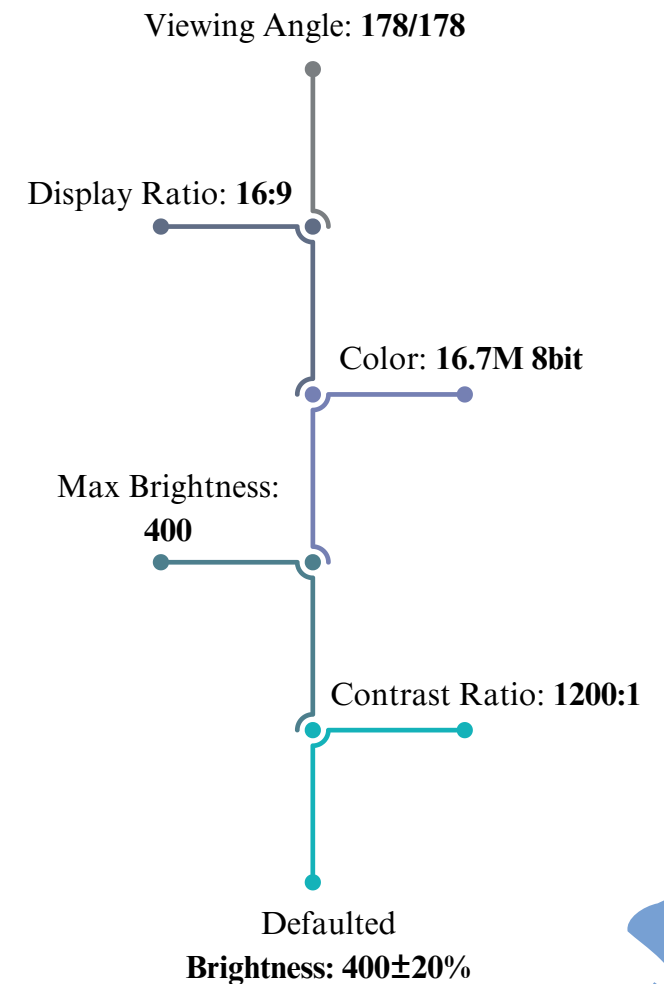
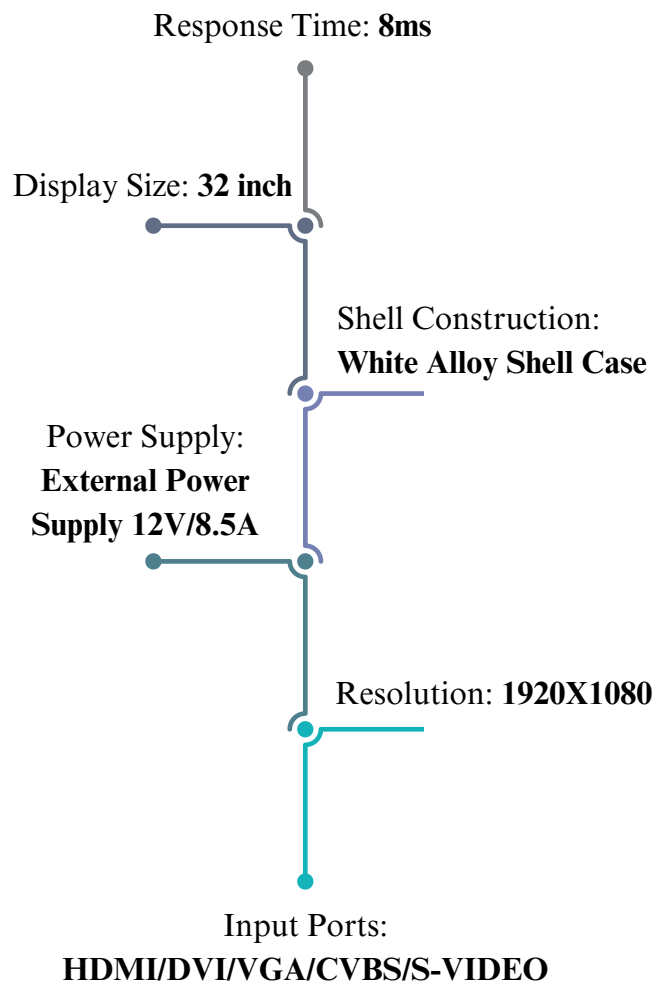
Luminous Flux: ≥ 800 lm

Luminance adjustment: 10%-100%

Output Hole Size: 10mm \pm 0.1mm

PERSIST (32 Inch HD Medical Monitor)

32-inch HD Medical Monitor – designed to deliver exceptional clarity and precision in arthroscopic surgery. With high-definition imaging, true color reproduction, and a wide viewing angle, it ensures surgeons have a detailed and accurate visual field for enhanced procedural outcomes.



PERSIST (32 Inch 4K Medical Monitor)

Meril

More to Life

2-inch 4K Medical Monitor – engineered for ultra-high-definition clarity and precision in arthroscopic surgery. With superior resolution, true color accuracy, and an expansive viewing angle, it provides surgeons with enhanced visualization for improved surgical precision and outcomes.

Monitor Size: 32 inch

Appearance: White Metal Shell with Black Glass

Power Supply: External Power Supply 12V/10A

Resolution: 3840X2160

Proportion: 16:9

Highest brightness: 700

Contrast: 1200:1



Display Color: 10 bit

Dot pitch: 0.1845mmxRGBx0.1845mm

Response time(/ms): 8ms

Power consumption: 100W max

Signal Interface: HDMI, DP-4K, DVI-HD

Color Gamut: 72%NTSC (sRGB)

Product Size (no base): 746(W)x481(H)x67(D)mm

4K UHD Endoscope

(Camera with built-in LED Cold Light Source)

Meril

More to Life

A cutting-edge imaging solution for arthroscopic surgery. Combining ultra-high-definition clarity with an integrated LED light source, it delivers superior brightness, true-to-life color reproduction, and enhanced depth perception, ensuring precise visualization for optimal surgical outcomes.

1. Camera: 1/2.5" Sony
cmos UHD Camera

2. Total pixels:
8,400,000 pixels

3. Image size (horizontal
*vertical): 3840X2160

4. SNR: more than 50dB

5. Video output: 3G-SDI*1,
HDMI 2.0*1, DVI*1

6. Horizon resolution:
1800 lines



7. 7 inch Touch Screen

8. With USB Storage (video
recording & image capture)

9. IP X-8 Waterproof camera
head (the function for the camera
head can be customized)

10. Built-in 100W LED
cold light source

11. Image Format: JPG
3840*2160

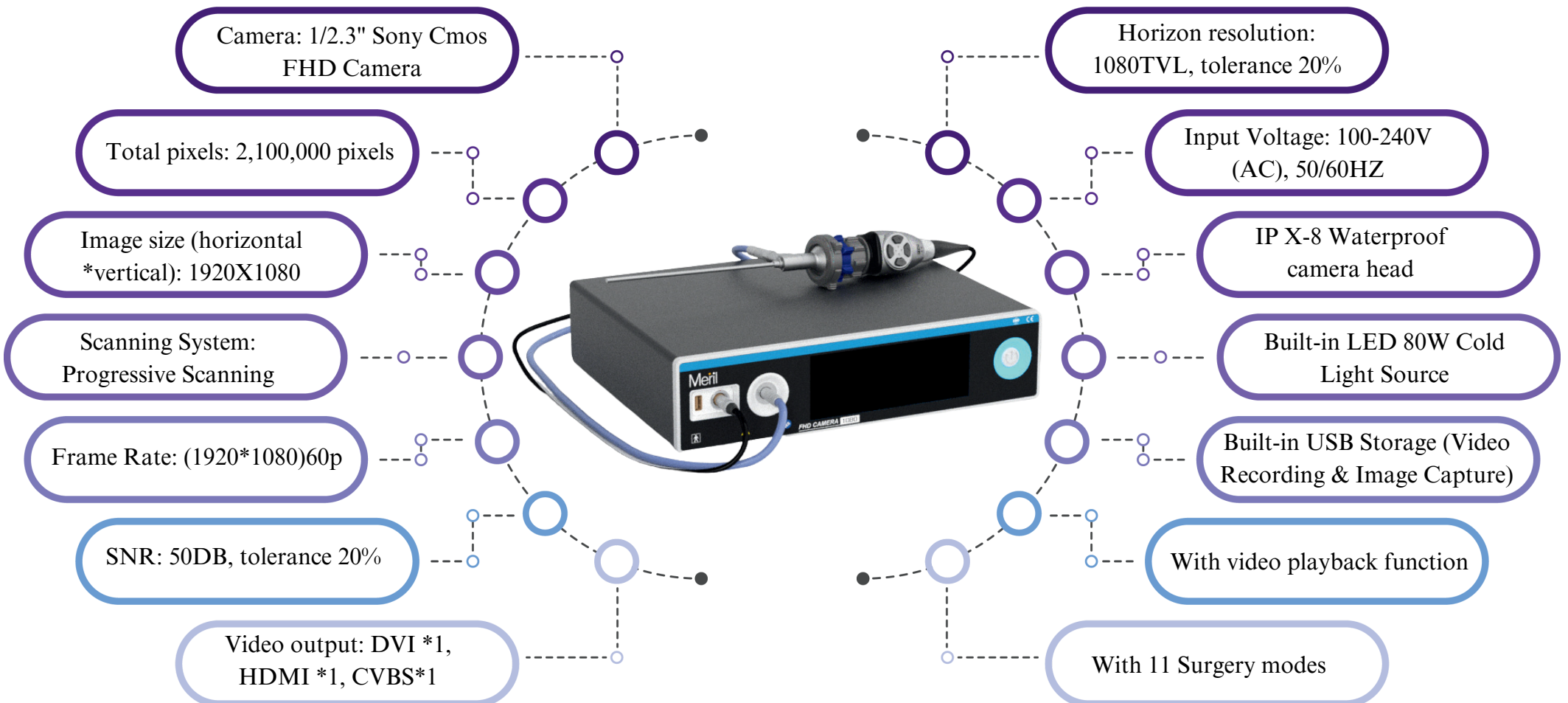
12. Video Format: Mp4
3840*2160

FHD Endoscope Camera (with 1/2.3" Sony CMOS)

Meril

More to Life

HD Endoscope Camera with 1/2.3" Sony CMOS Sensor – designed for high-definition imaging in arthroscopic surgery. Featuring a high-quality Sony CMOS sensor, it delivers exceptional clarity, accurate color reproduction, and superior low-light performance, ensuring precise visualization for enhanced accuracy.



FHD Endoscope Camera

(with 1/2.3" Sony CMOS)



HD Endoscope Camera with 1/2.3" Sony CMOS Sensor – designed for high-definition imaging in arthroscopic surgery. Featuring a high-quality Sony CMOS sensor, it delivers exceptional clarity, accurate color reproduction, and superior low-light performance, ensuring precise visualization for enhanced accuracy.

- Camera: 1/2.3" Sony Cmos FHD Camera
- Total pixels: 2,100,000 pixels
- Image size (horizontal *vertical): 1920X1080
- Scanning System: Progressive Scanning
- Frame Rate: (1920*1080)60p
- SNR: 50DB, tolerance 20%
- Video output: DVI, HDMI, CVBS
- Horizon resolution: 1080TVL, tolerance 20%
- Input Voltage: 100-240V (AC), 50/60HZ
- IP X-8 Waterproof camera head
- Built-in USB Storage
- With video playback function

Arthroscope



30° DIRECTION OF VIEW



70° DIRECTION OF VIEW

FHD Endoscope Camera (with 1/2.3" Sony CMOS)



MA-INARMC011	Arthroscope 30° View 4mm WL175mm	HD Scope 30*
MA-INARMC012	Arthroscope 70° View 4mm WL175mm	HD Scope 30*
MA-INARMC015	Arthroscope Sheath 2 Stopcocks 6mm	HD Scope 30*
MA-INARMC016	Arth Trocar Sharp 6mm for OP Sheath LS	HD Scope 30*
MA-INARMC013	Arthroscope 4K 4mm 30°	4K Scope 30*
MA-INARMC014	Arthroscope 30° View 2.4mm WL110mm	Small Joint Scope 30*
MA-INARMC017	Arthroscope Sheath 2 Stopcocks 3.2mm	Small Joint Scope 30*
MA-INARMC018	Arth Trocar Sharp 3.2mm for OP Sheath	Small Joint Scope 30*



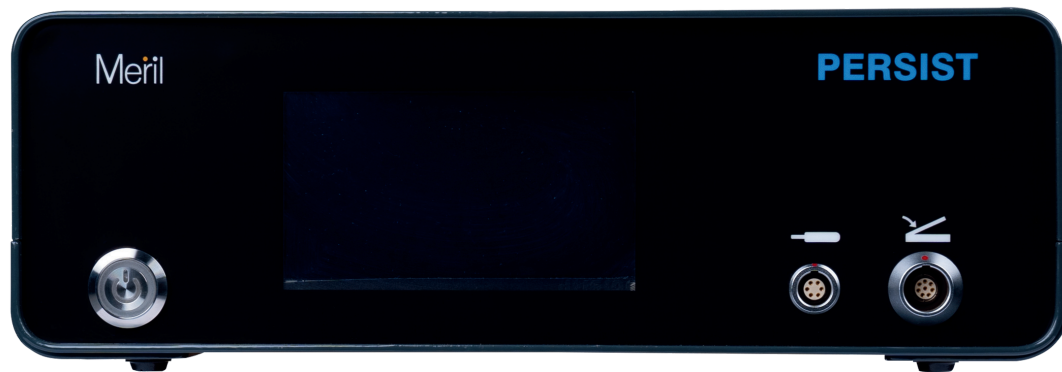
Precision | Strength | Reliability

PERSISIT (SHAVER SYSTEM)

Meril

More to Life

A high-performance solution designed for precise and efficient tissue resection in arthroscopic surgery. Engineered for smooth cutting, minimal heat generation, and optimal control, it enhances surgical precision while ensuring a seamless experience.



PERSISIT (Technical specifications)



Meril

More to Life

Electric mains Connections	230 VAC 50 Hz, +/-5%
Power Consumption	200 VA
Frequency	50/60 Hz
Fuses	2 x 5 Amp 250V IEC 127
Mode of operation	Continuous Operation
Dimensions	281(W) X 216(L) X 92(H) mm
User Interface	Touch screen
Display	4.3" Colour TFT Display
Weight	4 kg
Oscillation Mode	1000 RPM to 5000 RPM (Increment/Decrement in the step of 500 RPM)
Linear Mode	1. Low Operation: 1000 RPM to 5500 RPM (Increment/Decrement in the step of 500 RPM) 2. High Operation: 6000 RPM to 12000 RPM (Increment/Decrement in the step of 500 RPM)
Operating environment	10° C 40° C ambient temperature 30%-70% relative humidity
Storage & transportation environment	minus 40° C - +70° C ambient temperature 10%-90% relative humidity.
Maximum relative air humidity	85%
Protection, Apparatus grade	Class I
Classification	Type B
Control	Micro computerized Control
Accuracy	Max ± 5%
Sterilization	Hand piece-Autoclavable / Footswitch-water proof



PERSIST (RF System)

An advanced radiofrequency solution designed for precise soft tissue ablation and hemostasis in arthroscopic surgery. With controlled energy delivery, minimal thermal damage, and enhanced precision, it ensures efficient tissue management for optimal surgical outcomes.













Meril's RF Plasma is able to quickly and efficiently ablate, coagulate, and hemostasis the target tissue at a relatively low temperature of 40~70 °C, unlike high-temperature operations. - Depending on the target area, level 1 to 9 steps can be a sophisticated operation.



Excellent thermal stability - RF Plasma generator made by Meril is applicable to all surgery as well as all area like Spine, Sports Medicine and ENT. - It shows sophisticated signals and diversified levels 1-9 to meet the needs required from each indication.

Productname	Radio Frequency Plasma Surgical System
Brand name	Spinuss RF Console
Model name	RCA-15-05-06
Power	100-240 VAC, 50/60Hz, 5.3-2.2A (Medical safety standards)
Frequency	100kHz
Voltage range	0-310 Vrms@100kHz
Maximum output	220W@250)
Product specifications and weight	405 X 273 X 112(WxDxH, mm) Approx 5.8kg/1set
Types of protection against electric shock	Class 1 equipment Type BF applied part

Comprehensive Probe Series

Image	Type	Model Name	Length	Diameter	Image	Type	Model Name	Length	Diameter
	90°	UPP200C	Ø 4.3	135		90°	UPP200A	Ø 4.3	135
		UPP210C		220			UPP210A		220
	75°	UPP201C	Ø 4.3	135		75°	UPP201A	Ø 4.3	
	Curved	UPP300C	Ø 4.1			Curved	UPP300A	Ø 4.1	
	Bevel	UPP400C	Ø 3.6			Bevel	UPP400A	Ø 3.6	
	Hook	UPP500C	Ø 3.2			Hook	UPP500A	Ø 3.2	
	Ball	UPP600C	Ø 2.8			Ball	UPP600A	Ø 2.8	



A world-class, state-of-the-art training centre for medical professionals

Meril Academy prides itself as an innovative and ground-breaking training centre. It was built with the aim to disseminate cutting-edge scientific knowledge to physicians, surgeons, technicians and paramedics. Meril Academy was built with the cosmic vision of bridging the gap between the rapid advancement in technology and its impact on surgeries. Our aim is to empower those responsible for the future of healthcare.



MERIL ACADEMY-TAKSHASHILA AUDITORIUM



SIMULATION SUITE



OPERATION THEATRE



MERIL ACADEMY-SUSHRUTA HALL



MERIL STUDIO



GLOBAL MERIL ACADEMY

Meril ACADEMY



“UNLEASH THE POTENTIAL”



Contact us at : spm@merillife.com

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