Performance^{PRO} Blades

Synergy Shaver™ System



Excalibur^{PRO}

BoneCutter^{PRO}

DoubleCut^{PRO}

Arthrex®

Performance[PRO] Blades

With ProEdge™ Technology

Designed to be the most intuitive and advanced arthroscopic shaver blades with:

ProEdge Technology

Dynamic Oscillation Mode*

10,000 rpm

Biologic Harvest

AutoLock™ Technology

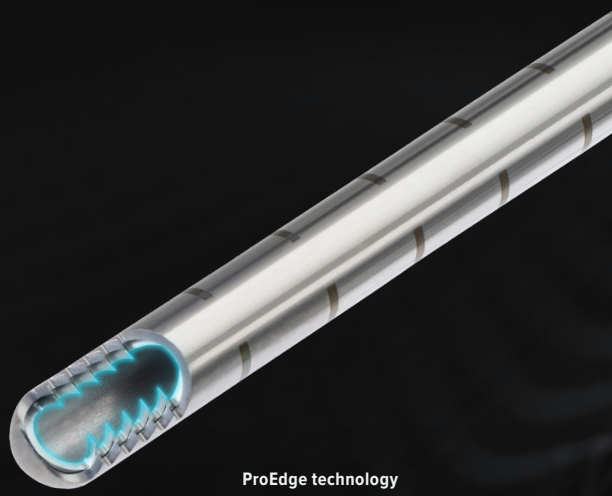
Blade ID™ Technology

Arthrex Performance[PRO] blades are designed and manufactured for optimal performance using state-of-the-art ProEdge technology.

ProEdge technology is a proprietary manufacturing process that enhances blade sharpness and helps reduce blade wear.[1]

Performance[PRO] blades offer:

- New Dynamic Oscillation mode*
- Speeds up to 10,000 rpm
- Biologic harvest: Performance[PRO] blades support harvesting of cartilage, bursal tissue, or bone
- Blade ID technology: RFID optimized settings for peak performance[2]
- AutoLock technology*: ensures the blade window remains securely closed
- Optimized flow: larger inner hubs for efficient suction
- Laser markings for intraoperative measurements



ProEdge technology

*Patent pending

Performance[PRO] Blades

Dynamic Oscillation Mode

The Dynamic Oscillation mode* is customized for each blade configuration within the Performance[PRO] blade category. This new oscillation mode precisely controls the aperture of the blades' cutting window when shifting between forward and reverse.





*Patent pending

Performance[PRO] Blades

Blade ID™ Technology

Advanced Technology Driven by Science

Built-in Blade Intelligent Detection™ (Blade ID) technology instantly identifies the attachment inserted into the shaver handpiece, ensuring optimal default settings for every resection need. These default settings have been determined by benchmark testing to provide optimal performance.[2,3]

- Plug-and-play feature enhances the surgeon's experience, allowing each blade to be easily identified and set.
- Preset speeds and modes are designed to boost resection rates while minimizing clogging.[2]
- With ProEdge™ technology, these radiofrequency identification (RFID) tags calibrate Performance[PRO] blades to operate at speeds up to **10,000 rpm**.



Biologic Resection

Resection Engineered With Biologics in Mind

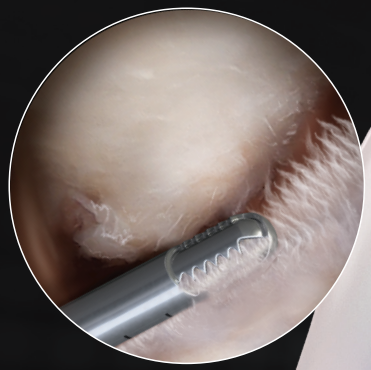
When the GraftNet™ tissue collector is used with the Performance^{PRO} shaver blades, tissue—such as cartilage, bone, and bursal—can be harvested to augment repairs or reconstructions.

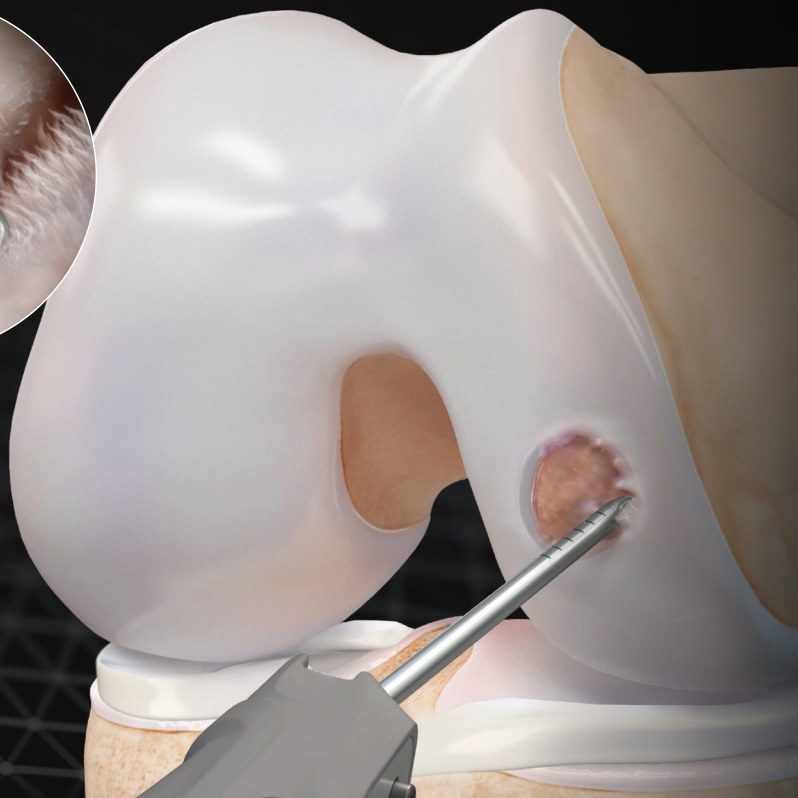
Potential Applications

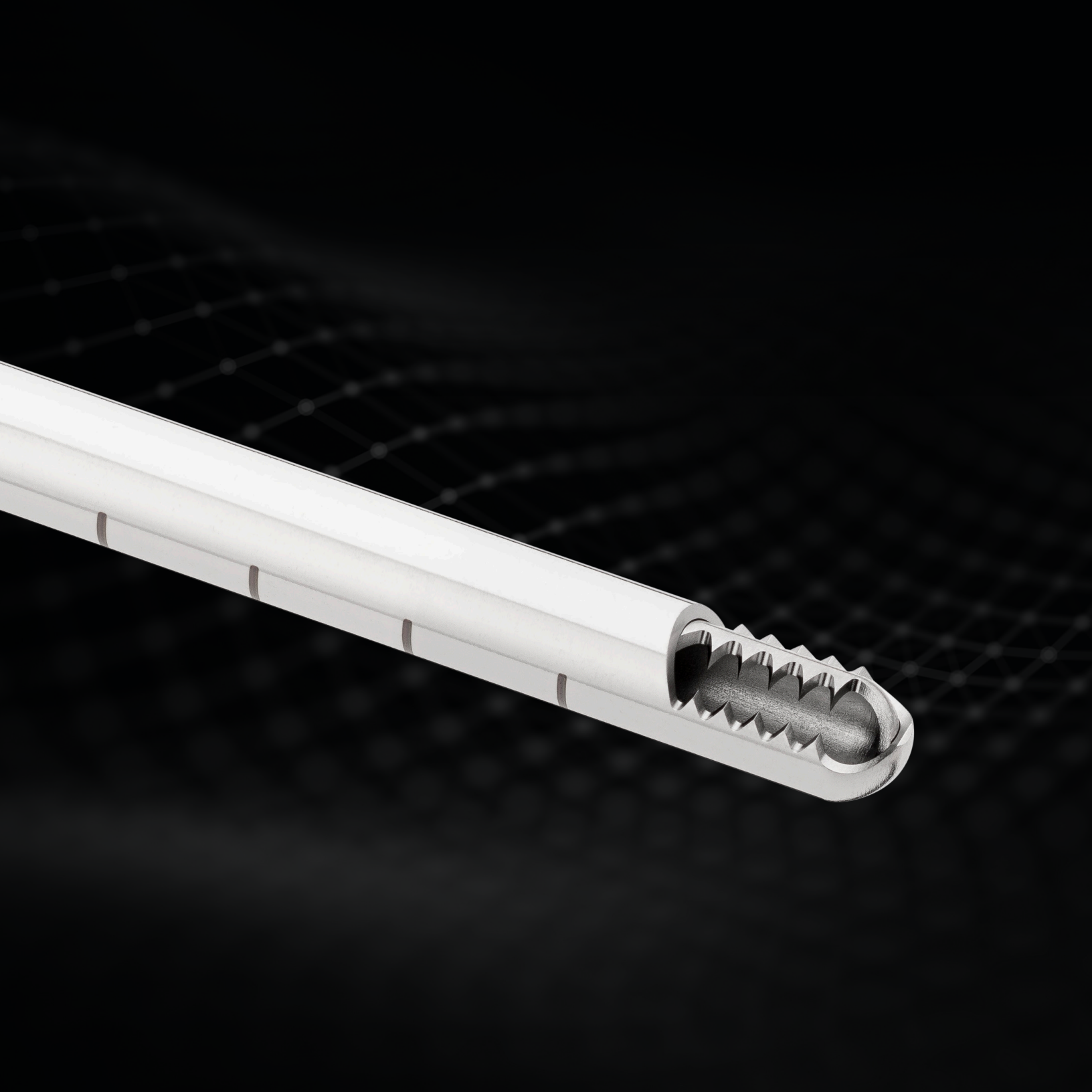
- BioACL™ technique
- Rotator cuff repair augmentation with subacromial bursa
- AutoCart™ technique
- Bone collection for bone-tendon-bone (BTB) backfill







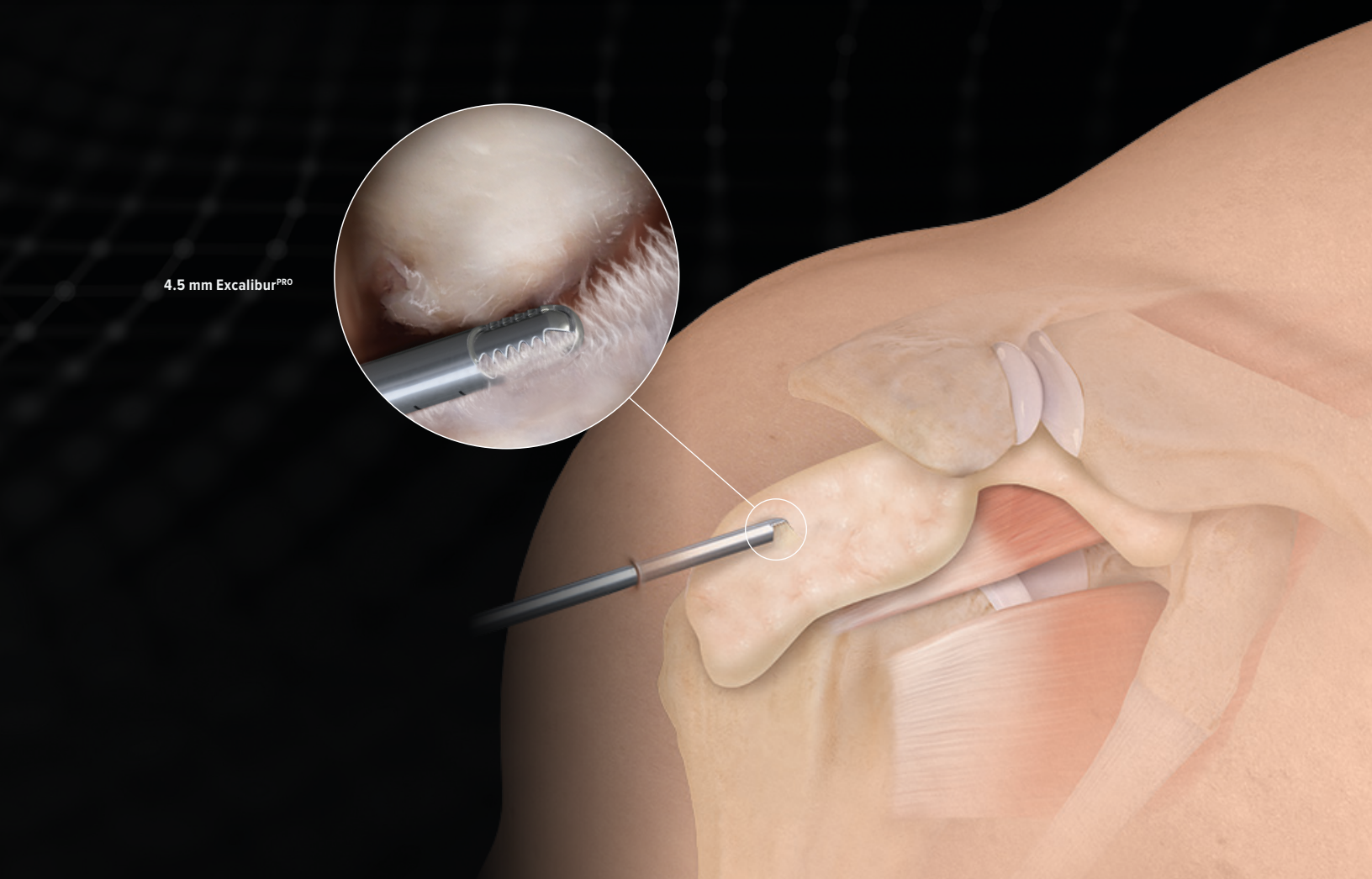




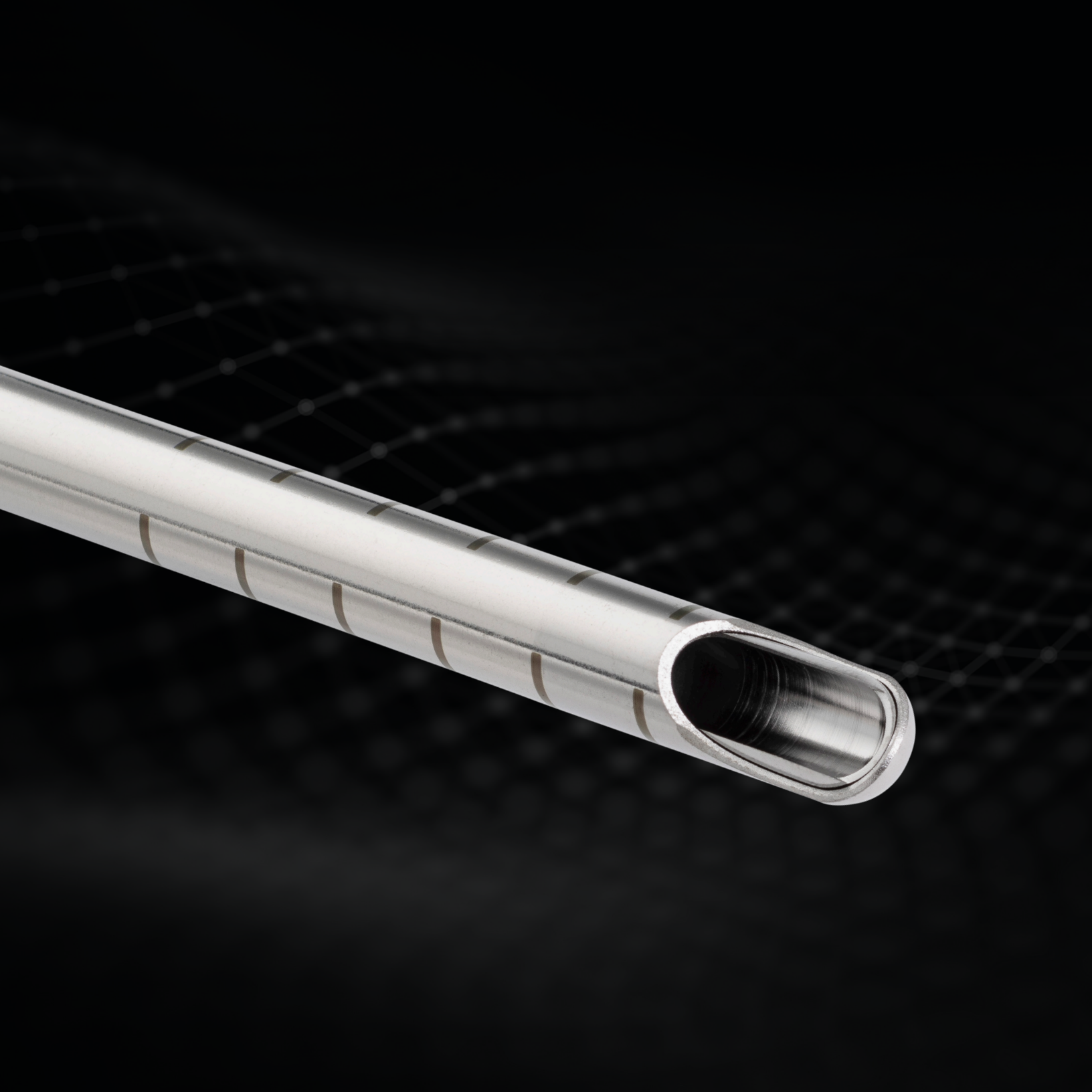
Excalibur^{PRO} Shaver Blade

Aggressive Blade With a Focus on Efficiency and Performance

- Extra-large window with sharp-tooth inner and outer cutting configuration makes the Excalibur^{PRO} the primary shaver choice for extensive soft-tissue debridement.
- Tooth-to-tooth design cleanly and effectively bites through intended tissue.



4.5 mm Excalibur^{PRO}



BoneCutter^{PRO} Shaver Blade

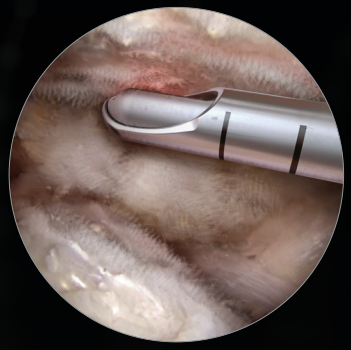
Multiuse Blade Designed for Soft Tissue, Cartilage, and Bone Resection

- Extra-large window with smooth inner and outer cutting configuration cleanly resects targeted tissue, creating anatomical edges. Engineered with scissor-like precision for clean cuts.
- In oscillation, the BoneCutter^{PRO} provides fast and effective tissue debridement. When used in forward or reverse, it proficiently resects bone.





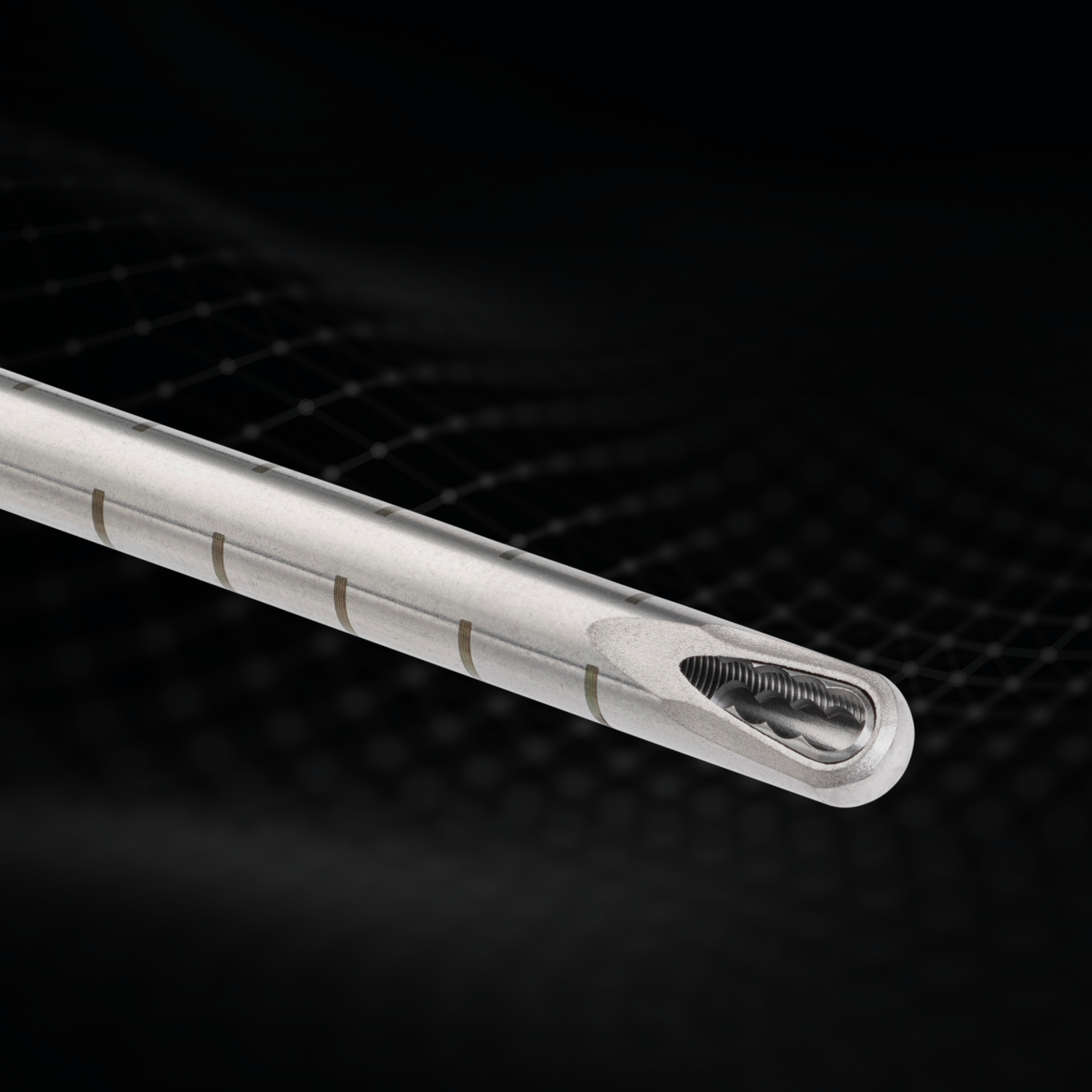
Soft Tissue



Bone



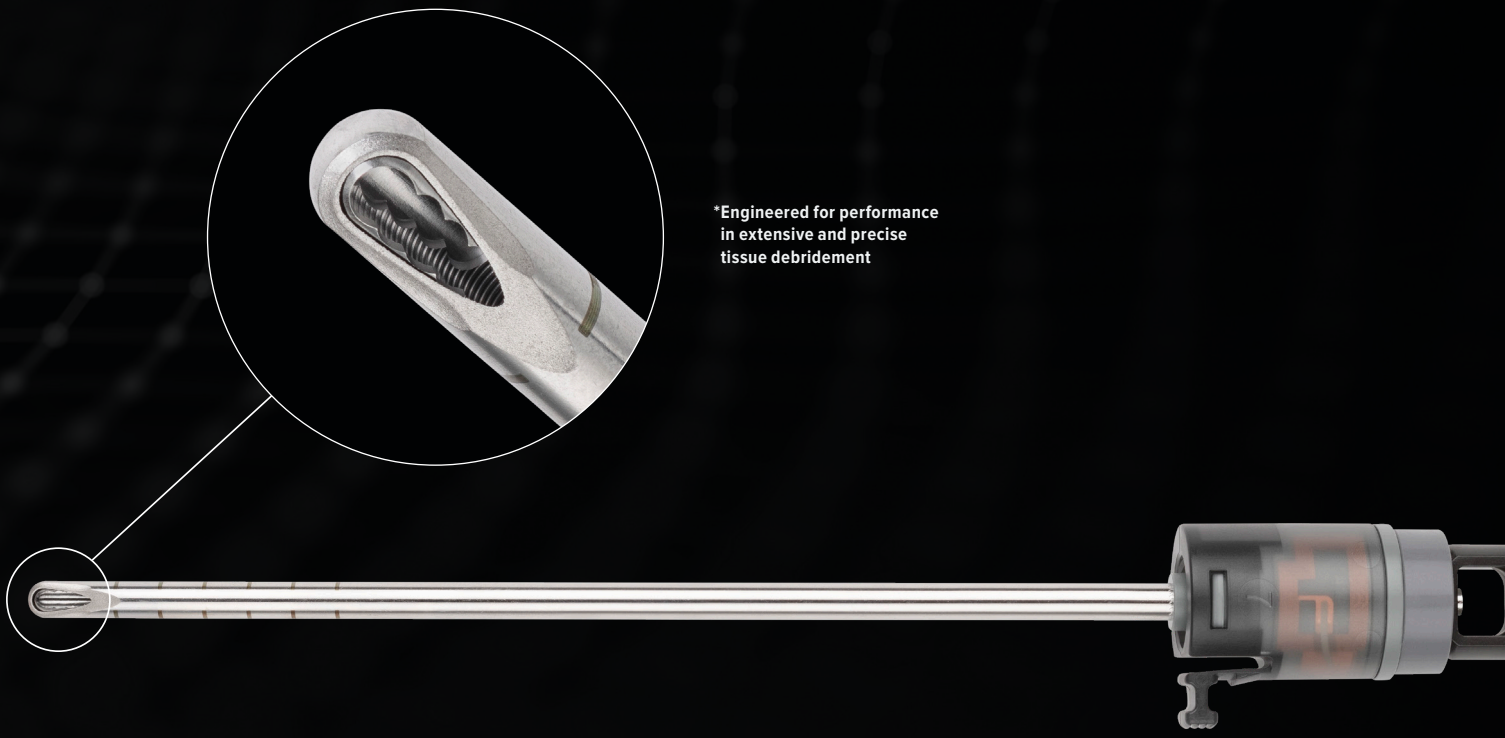
Cartilage



DoubleCut^{PRO} Shaver Blade

Enhanced Blade Design for Efficient Tissue Resection

- Dual serrated inner cutting windows morselize tissue and reduce its size before entering the blade.
- Elongated outer cutting window is designed to reduce blockages by minimizing tissue size that can enter the blade.
- Additional features include a hybrid cutting window configuration, a smooth outer for clean anatomic resection, and a dual-tooth inner that effectively grabs tissue for resection.



***Engineered for performance in extensive and precise tissue debridement**

Ordering Information

Excalibur^{PRO} shaver	
Excalibur^{PRO} shaver, 4.0 mm × 13 cm	AR-S8407EX
Excalibur^{PRO} shaver, 4.5 mm × 13 cm	AR-S8457EX
Excalibur^{PRO} shaver, curved, 4.5 mm × 13 cm	AR-S8457CEX
Excalibur^{PRO} shaver, 5.0 mm × 13 cm	AR-S8507EX
Excalibur^{PRO} shaver, 5.5 mm × 13 cm	AR-S8557EX
Excalibur^{PRO} shaver, hip length, 4.5 mm × 19 cm	AR-S6457EX
BoneCutter^{PRO} shaver	
BoneCutter^{PRO} shaver, 4.0 mm × 13 cm	AR-S8407BC
BoneCutter^{PRO} shaver, 4.5 mm × 13 cm	AR-S8457BC
BoneCutter^{PRO} shaver, curved 4.5 mm × 13 cm	AR-S8457CBC
BoneCutter^{PRO} shaver, 5.0 mm × 13 cm	AR-S8507BC
BoneCutter^{PRO} shaver, 5.5 mm × 13 cm	AR-S8557BC
DoubleCut^{PRO} shaver	
DoubleCut^{PRO} shaver, 4.5 mm × 13 cm	AR-S8457DC
DoubleCut^{PRO} shaver, curved, 4.5 mm × 13 cm	AR-S8457CDC

References

1. Arthrex, Inc. Data on file (PLM1034336). Naples, FL; 2025.
2. Arthrex, Inc. Data on file (PLM109848). Naples, FL; 2024.
3. Wellington IJ, Hawthorne BC, Messina JC, et al. Efficacy of arthroscopic shavers for the retrieval and processing of connective tissue progenitor cells from subacromial bursal tissue. *J Clin Med*. 2022;11(5):1272. doi:10.3390/jcm11051272

This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience, and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

Arthrex manufacturer, authorized representative, and importer information (Arthrex eIFUs)

US patent information

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