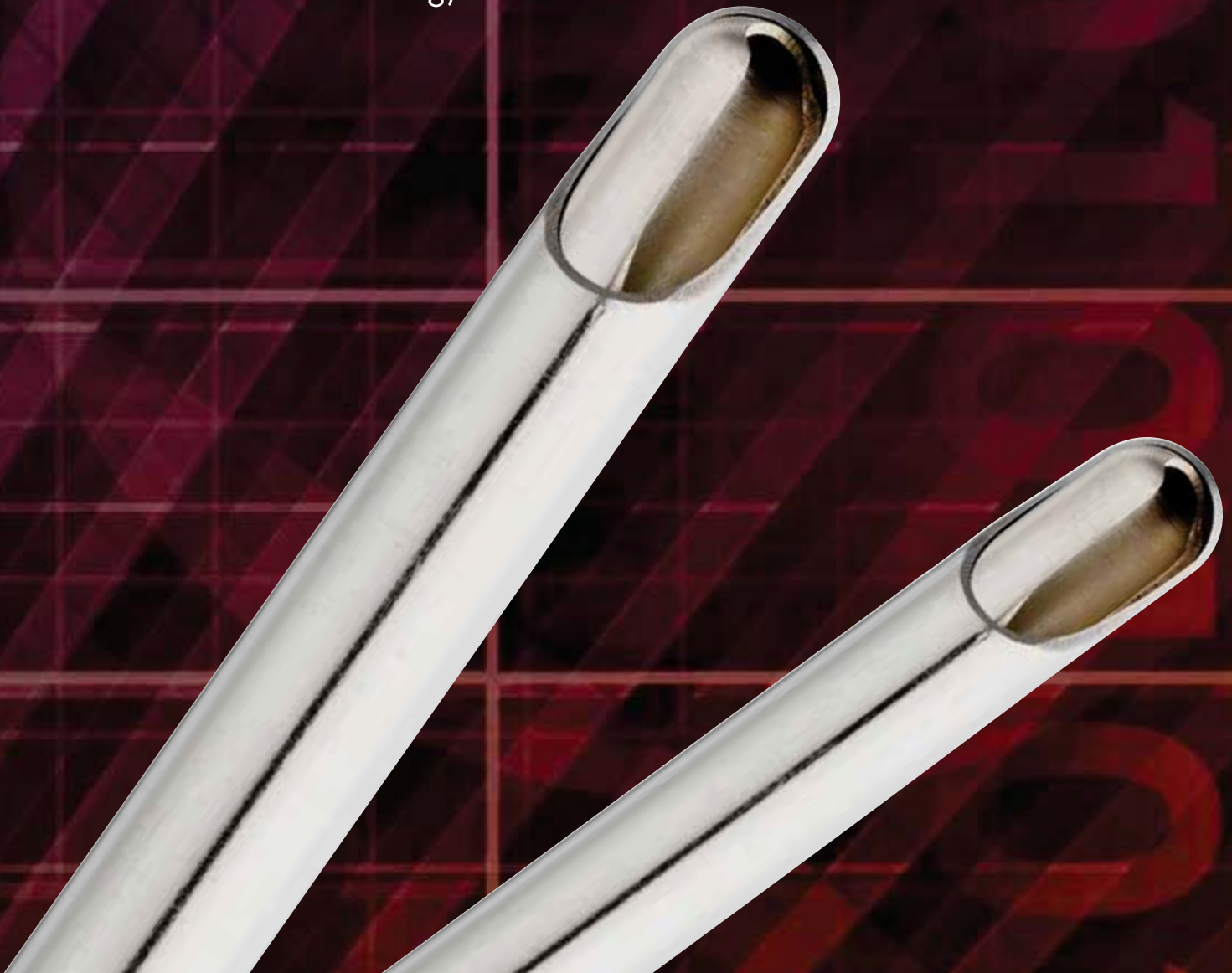


 smith&nephew
DYONICS[®]
BONECUTTER[®]
PLATINUM
4.5 and 5.5 mm Blades

Multitask
more efficiently

DYONICS PLATINUM Technology





DYONICS® PLATINUM Technology

The multitasking blade for tissue and bone

By combining soft-tissue and bone-resection capability in one blade, the DYONICS BONECUTTER® PLATINUM Blade eliminates the need to switch from a blade to a burr. PLATINUM manufacturing technology utilizes a new fortified alloy that allows operating speeds up to 10,000 RPM¹, providing efficient bone resection – with 16% less vibration than the standard BONECUTTER Blade.²

Competitive Advantages of the BONECUTTER PLATINUM Blade: In laboratory tests, it outperformed leading competitive blades in resection rate, clogging and shedding.¹

Cutting Performance²

- In laboratory tests, the BONECUTTER PLATINUM 4.5 and 5.5 mm Blades maintained superior sharpness and cutting performance throughout a procedure, compared to the existing DYONICS BONECUTTER 4.5 and 5.5 mm Blades.

4.5 mm Blade Test Results:²

Increased Efficiency Resecting Soft Tissue (Efficiency measured by faster resection rate while maintaining sharpness of cutting edge)

- 57% more efficient resecting soft tissue than the 4.0 mm Competitive Blade B.³
- 32% more efficient resecting soft tissue and 21% more efficient resecting bone than the 4.2 mm Competitive Blade A.³
- 22% more efficient resecting soft tissue and 20% more efficient resecting bone than the our standard BONECUTTER 4.5 mm Blade.²

Reduced Clogging²

- During soft-tissue resection, the BONECUTTER PLATINUM 4.5 mm Blade experienced significantly less clogging than the 4.2 mm Competitive blade A.²

Reduced Shedding²

- During soft-tissue resection, the BONECUTTER PLATINUM 4.5 mm Blade had significantly less shedding than all competitive blades tested.²

5.5 mm Blade Test Results:²

Increased Efficiency Resecting Soft Tissue (Efficiency measured by faster resection rate while maintaining sharpness of cutting edge)

- 56% more efficient resecting soft tissue than the 5.5 mm Competitive Blade B.³
- 38% more efficient resecting bone than the 5.5 mm Competitive Blade A.³
- 16% less vibration than the standard BONECUTTER 5.5 mm Blade.

Reduced Clogging²

- During soft-tissue resection, the BONECUTTER PLATINUM 5.5 mm Blade experienced significantly less clogging than the 5.5 mm Competitive Blade A.

In a survey, **80%** of surgeons liked using the PLATINUM Blades better than their current device. **90%** of surgeons reported they would use the PLATINUM Blades again.⁴

DYONICS BONECUTTER PLATINUM Blade is **56%** more efficient than a leading competitor when resecting soft tissue.^{2,3}



DYONICS BONECUTTER PLATINUM Blade is **38%** more efficient than a leading competitor when resecting bone.^{2,3}



¹ Required with the POWERMAX® ELITE Handpiece.

² DHF 018, 15000784, 15001489.

³ Taken from a multiple comparison study, displaying only one pair-wise comparison out of DHF 018, 1500784, 15001489.

⁴ Evaluation Reports 15001153, 15001154, N=41.

Ordering Information

Reference #	Description
72202531	DYONICS BONECUTTER PLATINUM 4.5 mm Blade
72202530	DYONICS BONECUTTER PLATINUM 5.5 mm Blade <i>Only for use with the DYONICS POWERMAX ELITE Handpieces, 72200616, 72200617, and 72200872</i>

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Typical Procedural Use	Objective
Subacromial Decompression	Stops acromial impingement; clear obstructing bursa; debride frayed rotator cuff
Anterior Cruciate Ligament Reconstruction	Remove ACL stump; prepare notch graft; clear field of tissue

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