

Stryker Precision® Oscillating Tip Saw

stryker®

ENHANCED TO EVOLVE THE WAY YOU CUT

Our latest evolution of the Precision Saw features an enhanced design and expanded line of Precision Cartridges for ankle, shoulder, hip, and knee arthroplasty.

CONTROL

Stationary cartridge design

- Allows for free-hand stabilisation of the cartridge body
- Eliminates wear on the cut guide and 84% reduction in metal debris¹

Oscillating tip design

- 23% reduction in excursion arc versus a sagittal blade²

CUT ACCURACY

Three-piece modular design with perimeter laser welding

- 30% stiffer cartridge³
- Reduces cartridge deflection to help maintain the intended cut path

Stationary cartridge design

- Eliminates motion between the cartridge and cut guide to aid in reduced cutting error

CUTTING EFFICIENCY

Optimised Precision Falcon® tooth geometry

- 19% increased cut speed⁴
- Now with comparable cut speed to the Stryker Sagittal Saw²

Enhanced relief features for chip clearance and reduced blade surface area decrease cutting temperature^{4,5}

TACTILE FEEL

Thinner cartridge design

- Optimal fit in cut guide slots to eliminate sticking/binding

Cut edge radius for optimal tooth engagement throughout the cut arc⁴

- Users found improved tactile feedback when transitioning to cortical bone⁶

¹S.E. Sydney, BEng; S.A. Pickering, MD, FRCS(Eng), FRCS(Orth); C.G.R. Bell, PhD; R. Crawford, MBBS, FRACS, DPhil (Oxon). Orthopedics, 2007; 30:999.

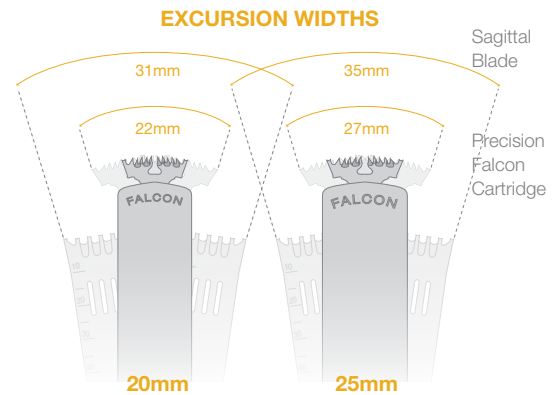
²25mm width Precision Cartridge compared to equivalent Stryker Sagittal Saw Blade.

³Comparing 6725-127-105 to the existing Precision Cartridge (6525-127-105).

⁴Applies to 25mm cut width with Precision Falcon tooth geometry.

⁵Test performed with automated equipment in test lab environment. Temperature measured in degrees Celsius at blade tip after a single cut of synthetic material.

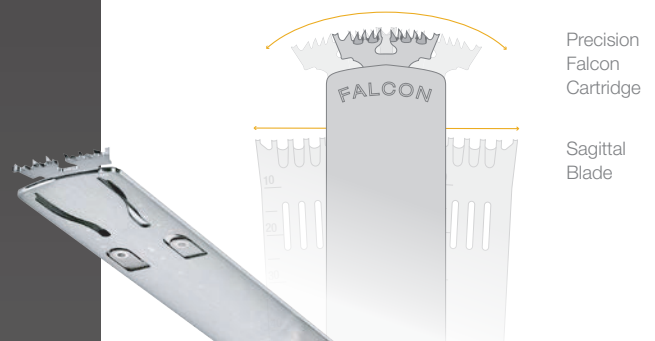
⁶Results indicated through customer preference testing when performing TKA on cadaver bone.



ENHANCED RELIEF FEATURES⁴



OPTIMISED CUT ARC⁴



Evolving
the Way You Cut

Stryker Australia
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PROCEDURE	RECOMMENDED SIZE (THICKNESS X WIDTH X LENGTH)	PROCEDURAL BENEFIT
Total Knee	1.27mm x 25mm x 105mm 1.27mm x 25mm x 90mm 1.37mm x 25mm x 105mm	<ul style="list-style-type: none"> Provides optimal fit in cut guides Reduced metal debris Reduces movement of cut guide Reduces potential of soft tissue damage
Unicompartmental Knee	1.27mm x 20mm x 105mm 1.27mm x 20mm x 90mm 1.37mm x 20mm x 105mm	<ul style="list-style-type: none"> Reduced excursion arc Offers precise control in small cutting jigs Reduces movement of cut guide Reduces potential of soft tissue damage
Anterior Approach Total Hip	1.27mm x 25mm x 105mm 1.27mm x 20mm x 105mm 1.37mm x 25mm x 105mm 1.27mm x 20mm x 105mm	<ul style="list-style-type: none"> Offers minimally invasive approach Aids visibility during MIS Reduces potential of soft tissue damage in tight spaces
Total Shoulder	1.27mm x 20mm x 105mm 1.27mm x 20mm x 90mm 1.37mm x 20mm x 105mm	<ul style="list-style-type: none"> Offers minimally invasive approach Aids visibility during MIS Reduces potential of rotator cuff damage
Total Ankle	1.27mm x 20mm x 105mm 1.27mm x 20mm x 90mm	<ul style="list-style-type: none"> Reduces movement of cut guide Offers controlled cutting around pins Protects soft tissue

TOTAL KNEE COMPATIBILITY MATRIX			
		RECOMMENDED CARTRIDGE THICKNESS	
IMPLANT COMPANY	IMPLANT MODEL	1.27mm	1.37mm
AESCULAP	COLUMBUS	✓	
BIOMET	VANGUARD XP, VANGUARD, AGC, MAXIM, FINN, SIGNATURE, ASCENT		✓
CORIN	ALL	✓	
DEPUY	SIGMA, ATTUNE, TRUE MATCH	✓	
DEPUY	L.C.S., COMPLETE		✓
EXACTECH	OPTETRAK	✓	
SMITH & NEPHEW	GENSIS II	✓	
SMITH & NEPHEW	PROFIX, JOURNEY, VISIONAIRE		✓
STRYKER	TRIATHALON	✓	
WRIGHT MEDICAL	ADVANCE, ADVANTIM	✓	
ZIMMER	NEXGEN, PERSONA	✓	

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