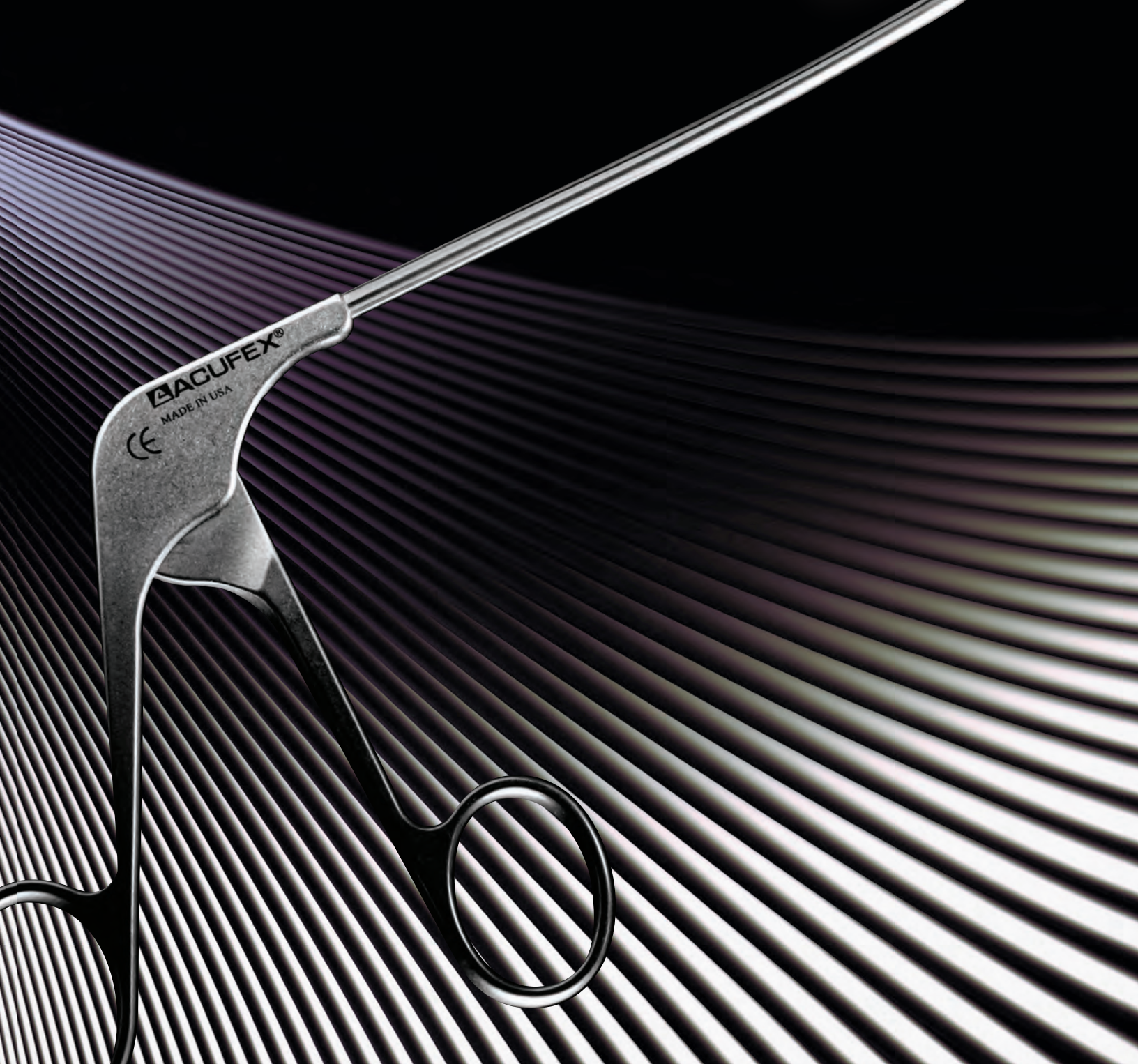


 smith&nephew

ACUFEX[®]

Handheld Instruments

The ACUFEX difference.
Performance in the palm of your hand.





The ACUFEX Difference

ACUFEX[®] Handheld Instruments are synonymous with performance, dependability and durability. Over the years, our extensive line of punches, scissors and graspers has earned a worldwide reputation for sharpness, maneuverability, precision and strength.

The ACUFEX Edge

The extraordinary sharpness of our ACUFEX instruments is accomplished through a proprietary sharpening process that integrates state-of-the-art manufacturing techniques with precision hand craftsmanship. The exceptionally sharp surgical edge is enhanced by unique tip designs and tight construction tolerances, replacing “tearing cuts” with clean, scissor-like cuts and minimal tissue trauma.

Pinless Hinge Design

ACUFEX instruments are linked together by a unique system of grooves and ridges on the upper jaw, shaft and actuator, eliminating the need for pins. The pinless hinge design allows even distribution of force over the bearing surfaces while minimizing stress points.

Selection of Ergonomic Handles

ACUFEX instruments are designed to fit your hand comfortably and are offered in four ergonomic handle choices, from a traditional loop style, to handles with an infinite-position locking design, to a “cigar” handle.

Multiple Tip Configurations

Designed for easy access to all areas of the meniscus, Smith & Nephew offers a variety of tip designs for cutting, trimming and grasping.

Manufacturing Expertise

Not only do we design the instruments, we design the machines that make the instruments. In addition to custom tooling, we employ demanding quality control standards and rigid test procedures that result in optimal consistency from unit to unit.

Genuine Parts and Service

Help extend the value of your ACUFEX instruments with quality service and genuine factory-supplied replacement parts. We offer a variety of service options for you to choose from.

See page 20 for warranty information.



Handles and Tips

Smith & Nephew ACUFEX® instruments are designed with a broad range of handles and tip configurations, allowing easy access to specific areas of the meniscus.

ACUFEX Pro Handle

Selected punches, scissors and graspers feature this ergonomic handle design.



Loop Handle

Scissors, basket punches and graspers feature our traditional loop-style handles.



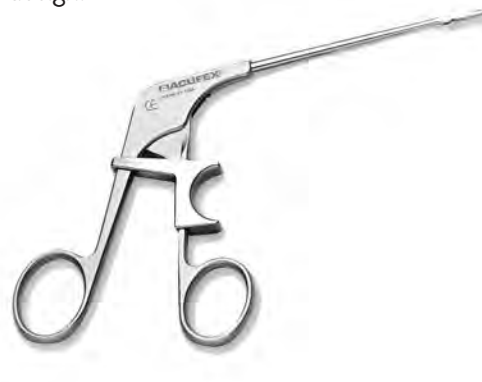
Cigar Handle

Available on rotary basket punches and scissors.

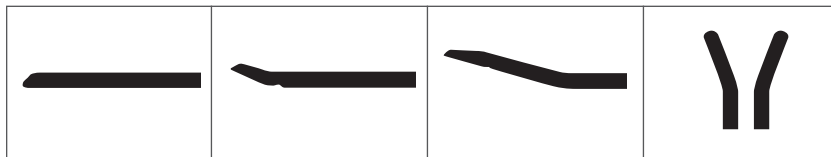


ACUFEX Grasper Handle

All ACUFEX graspers feature this infinite-position, locking-handle design.



Tip Selection Guide



Straight: The primary style for direct approach

Upbiter: Angled 1/4" curve at tip for enhanced access to the posterior meniscus

Upswept: Angled shaft follows the contour of the condyle and keeps the cutting surface parallel to the tibial plateau

Left and Right: Angled to reach the anterior and posterior menisci

Knee Instruments

Designed for ease-of-use and versatility, our full line of ACUFEX punches, scissors and graspers have been specifically designed for easy access to all areas of the knee.

Overview of Punches

ACUFEX punches are offered in a broad range of tips and configurations. Each punch is constructed with our exclusive pinless hinge design, one-piece outer shaft and hand-honed edge to provide unrivaled strength, durability and sharpness.



Narrowline Family

The small aggressive tip design and narrow shaft provides excellent maneuverability and multiple plane-cutting capability in the posterior horn of the meniscus in the tightest joint.



DUCKBILL Family

The wave-tooth design combined with a wide bite allows for the maximum amount of tissue to be smoothly resected in tight knees.



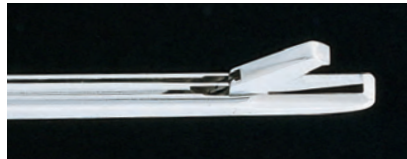
DUCKLING Family

Combining the wide-bite horizontal cutting capability of the DUCKBILL Punch with the thinnest possible tip provides optimum maneuverability under the condyle.



Oval Punch Family

The lowest profile tip with the largest bite offers the most versatile instrument available. The curved saw design enables smooth contouring of the meniscus.



Blunt Nose

The blunt nose and small size enables this instrument to get into the posterior horn for flush trimming of the meniscus.



OVERBITER Punch

Designed to resect the superior leaflet of the medial meniscus during an arthroscopic partial meniscectomy. Elevated lower tip prevents meniscus from resting against the tibia, while blunt nose allows instrument to lie squarely against the posterior horn area for flush trimming.



Posterior Family

The gradually tapered shaft, low-profile tip and short-jaw design permit the tip to open wide for cutting in tight posterior compartments.



STINGRAY Punch

The back-biting capability of this punch offers the most direct access to the anterior meniscus. Available with a left- and right-sided bite.



Meniscal Elevator

The meniscal elevator is designed to slide easily under a tight meniscus. The elevated tip prevents the meniscus from setting back down on the tibia, making successive bites easy.



Scoop Family – 1.0 mm

The small size of this versatile punch, combined with the horizontal cutting capability, increases maneuverability where height is a limiting factor.



Scoop Family – 1.3 mm

The seven unique shaft configurations of the 1.3 mm punches allow maneuverability in difficult-to-access areas of the meniscus.



Scoop Family – 1.5 mm

The long jaw and wide design of the 1.5 mm family produce a wider, deeper cut than that of the 1.3 mm punch.



90° Rotary

This punch offers an effective angle for trimming the difficult-to-access anterior meniscus. The unique design of the tip allows for successive bites, ideal for balancing the meniscal rim.



Straight Scissor Punch

The scissor punch, with its small bite size, allows for increased visibility and consistently provides a clean shear cut.



Upbiter Scissor Punch

The upcurve tip of the upbiter scissor punch permits convenient shear cutting in the posterior aspect of the knee.

Punches

Smith & Nephew offers a whole family of quality ACUFEX[®] punches with a wide range of tip configurations that allow easy access to specific areas of the meniscus. Each punch is constructed with our exclusive pinless hinge design, one-piece outer shaft and hand-honed edge. The result? Exceptional strength, durability and sharpness.



Basket Punches – Narrowline

Small, aggressive tip design and narrow shaft provide excellent maneuverability and multiple plane-cutting capability in the posterior horn of the meniscus – even in the tightest joint.

ACUFEX Pro Handle Reference #	ACUFEX Loop Handle Reference #	Description
7207053	012052	Straight
7207052	012051*	Upbiter
7207658	012053	Upbiter, Curved Left
7207660	012054	Upbiter, Curved Right
7207659	012055	Upswept
7208679		45° Tip, Left
7208685		45° Tip, Right
⚙️ 7207552		Upswept, with larger finger and thumb loops



Basket Punches – DUCKBILL[®] Family

All-purpose low-profile punches with large square bite. Wave-tooth design allows for the maximum amount of tissue to be smoothly resected in tight knees.

7207057	012013	Straight
7207058	012014*	Upbiter
7207667	012015	Upbiter, Curved Left
7207664	012016	Upbiter, Curved Right



Basket Punches – DUCKLING[®] Family

Combines wide bite of the DUCKBILL family style punch with the thinnest possible tip. Provides optimum maneuverability under the condyle and allows greater posterior advancement.

7207049	012044*	Straight
7207050	012046	Curved Left
7207051	012047	Curved Right
7207668	014765	Elevator
7207000	012045	Upbiter
7207672	012048	Upswept



Oval Punches

This family of punches offers the best of both worlds – the lowest profile and the largest bite, facilitating end-on and lateral cutting. It's the most versatile ACUFEX instrument available. Curved saw design enables smooth contouring of the meniscus.

7207083	7207200	Upbiter
7207181	7207201*	Straight
	7207294	Curved Left
	7207295	Curved Right
	7207296	Upswept
⚙️ 3134238		Curved Left at 40 mm from tip
⚙️ 7207533		Upbiter, with larger finger and thumb loops

*Item shown

⚙️ Special, Made to Order products are available to meet the individual needs of surgeons. Please appreciate that longer lead time for delivery should be expected. For more information, please contact your sales representative or Customer Service.

Punches



Basket Punches – Blunt Nose

Blunt nose and small size enable this instrument to get into the posterior horn for flush trimming of the meniscus.

ACUFEX® Pro Handle Reference #	ACUFEX Loop Handle Reference #	Description
	012035*	1.0 mm, Straight



Meniscal OVERBITER® Punch

Specifically designed to resect the superior leaflet of the medial meniscus during an arthroscopic partial meniscectomy. Elevated lower tip prevents meniscus from resting against the tibia, enabling a clean bite. Blunt nose allows instrument to lie squarely against the posterior horn area, allowing flush trimming.

7209878*	Overbiter
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Posterior Punches

Gradually tapered shaft, low-profile tip and short jaw permit the tip to open wide for cutting in tight posterior compartments.

7207662	012201*	Upbiter
7207666	012202	Upswept
7207665	012203	Straight
7207661	012204	Curved Left
7207663	012205	Curved Right



Basket Punches – STINGRAY® Family

Backbiting capability offers the most direct access to the anterior horn of the meniscus.

7207055	012059	Left
7207054	012058*	Right
7210730		Right, length extended by 2.25"
7210731		Left, length extended by 2.25"



Basket Punches – Meniscal Elevator

The extended lip of the lower jaw assists in placing the lower jaw underneath less mobile menisci.

	012060*	1.3 mm, Straight
7207671	012061	1.3 mm, Upbiter



*Item shown

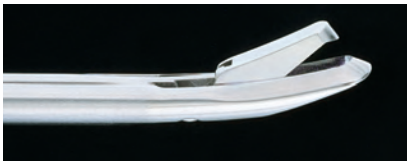
Punches



1.0 mm Scoop Family



1.3 mm Scoop Family



1.5 mm Scoop Family

Basket Punches – Scoop

The most traditional style of instrument, a classical punch shape with the parrot-beak upper jaw to aid in the capture of tissue. Variety of shaft configurations allow maneuverability in difficult-to-access areas of the meniscus. Long jaw and wide design produce a wider, deeper cut than that of the 1.3 mm punch. The 2.7 mm scoop tip and hook are designed to direct and hold tissue for aggressive trimming in the midsection-to-posterior meniscus. And the 3.4 mm scoop provides a large bite for trimming in the middle meniscus; the workhorse punch of the scoop line.

ACUFEX® Pro Handle Reference #	ACUFEX Loop Handle Reference #	Description
72200719	012029*	1.0 mm, Straight
7207657	012040	1.3 mm, Curved Left
7207656	012041	1.3 mm, Curved Right
72200716	012030	1.3 mm, Upbiter
	012042	1.3 mm, Upbiter, Curved Left
	012043	1.3 mm, Upbiter, Curved Right
	012031*	1.3 mm, Upswept
	012033	1.3 mm, Downbiter
7207046	012034	1.5 mm, Straight
6901029	012020*	1.5 mm, Upbiter
	012032	1.5 mm, Upswept
	012011	2.7 mm
	012012	3.4 mm
⚙️ 72202005		1.7 mm, Straight, ACUFEX Pro Handle



Basket Punches – 90° Rotary

Offers the most effective angle for trimming the difficult-to-access anterior meniscus. Unique tip design allows for successive bites, making this instrument ideal for balancing the meniscal rim.

ACUFEX® Loop Handle Reference #	ACUFEX Cigar Handle Reference #	Description
010912	010906	2.2 mm, Left
010913*	010907	2.2 mm, Right
	010900	3.4 mm, Left
	010901	3.4 mm, Right



Scissor Punches

Small bite size allows for increased visibility; consistently provides a clean shear cut. The upcurved tip permits convenient shear cutting in the posterior aspect of the knee.



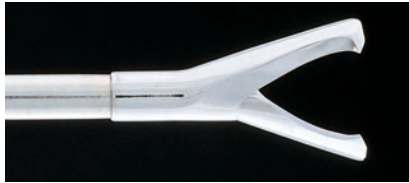
7207047	012036*	Straight
7207048	012037	Upbiter
7207669	012038*	Upbiter, Curved Left
7207670	012039	Upbiter, Curved Right

*Item shown

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Scissors

Smith & Nephew ACUFEX[®] scissors are constructed without pins for maximum strength, dependability, durability and safety. A wide range of tips and angles enable the surgeon to effectively dissect any part of the meniscus from virtually any direction.



Rotary Scissors

20° Hooked, Left and Right – Angle follows the natural contour of the meniscus. Small hook teeth enable the surgeon to probe before determining the final cut.

ACUFEX Loop Handle Reference #	ACUFEX Cigar Handle Reference #	Description
010814*	010800	20° Hooked, Left
010815	010801	20° Hooked, Right



60° Hooked, Left and Right – Ideal for manipulation of tears in all aspects of the meniscus, because of its unique sideways cutting action and ability to fit into tight areas.

010812*	010802	60° Hooked, Left
010813	010803	60° Hooked, Right



20° Short Serrated, Left and Right – This is the overall workhorse of the scissor line when successive cuts are needed because the short tip allows more accessibility in the joint and affords more precision and control.

010816*		20° Short, Serrated, Left
010817		20° Short, Serrated, Right
	010806	20° Serrated, Left
	010807	20° Serrated, Right



Suction Punches



DYOVAC® Suction Punches

Offers the dual convenience of resecting tissue while simultaneously evacuating through a suction channel in the instrument.

Reference #	Description
3499*	2.5 mm, Straight
2685	5.2 mm, Straight
2707*	3.4 mm, Straight
3196*	4.5 mm, 90° Left
3197	4.5 mm, 90° Right



Tip of Suction Punch



Graspers

A broad selection of procedurally specific tip configurations provides maximum grasping capability and allows easy access to all areas of the meniscus from a variety of approaches. Graspers with the ACUFEX® Grasper Handle feature an “infinite position” sliding-lock mechanism that holds tissue firmly without tearing or slipping, even in the tightest of areas. Locking mechanism is not available on ACUFEX Pro Graspers.



Graspers – Loose-body Forceps

Unique serrated tooth design results in unsurpassed grasping strength for loose-body removal or large meniscal fragments.

ACUFEX Pro Handle Reference #	ACUFEX Loop Handle Reference #	Description
7207061*	011022	PITBULL®
72202517	011022	Large PITBULL® Grasper



Graspers – Cupped

Wave design allows for expansion of meniscus into the grasper cups to ensure a firm, non-sliding grip.

7207059*	011012	2.7 mm
	011014	3.4 mm
	7207700	3.4 mm, length extended by 2.25"
⚙️7207673		2.7 mm, Upcurved Grasper, Alligator
⚙️3134239		3.4 mm, Grasper, Cupped, No Teeth
⚙️6900595Z		130 mm long, Grasper, Johnson Jaw
⚙️7205983		130 mm long, Grasper, Johnson Jaw



Rongeur

Enables cutting and removal of tissue. Particularly useful in ACL surgery.

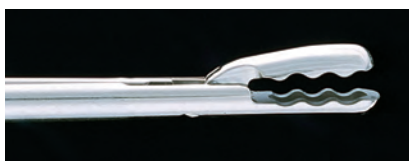
014720	RAPTOR®
014843	RAPTOR Jr.
⚙️7207553	RAPTOR, Rongeur, with large fingers and thumb loops
⚙️7210757	RAPTOR Jr., Downswept, 10°
⚙️7207732	RAPTOR, Rongeur, length extended by 2.25"



Graspers – Alligator

Small size and shaft allow easy access to tight areas. Serrated tip prevents meniscus from sliding.

7207060*	011020	2.7 mm, Straight
7207673	011021	2.7 mm, Upcurved
	011024	Alligator Max
	7207699	Alligator Max, length extended by 2.25"



Graspers – Atraumatic

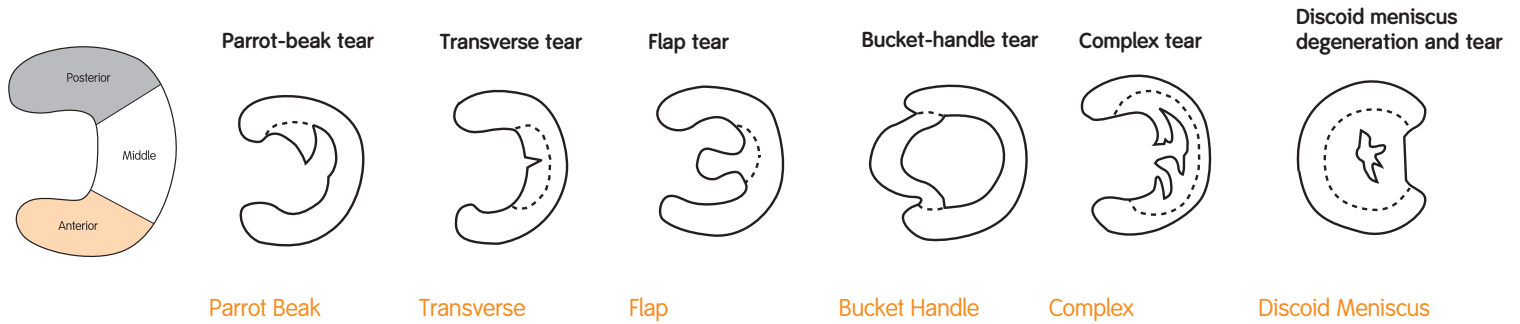
Wave-tooth tip provides security for soft-tissue grasping under tension.

011030*	Tissue Tensioner, Straight
014779	Cannulated Tissue Tensioner

*Item shown

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Recommended Handheld Instrument



	Parrot Beak	Transverse	Flap	Bucket Handle	Complex	Discoid Meniscus
Posterior	All Narrowline	All Narrowline	All Narrowline	All Narrowline	All Narrowline	All Narrowline
	All DUCKLING®	All DUCKLING	All DUCKLING	All DUCKLING	All DUCKLING	All DUCKLING
	All Scissor Punches	All Scissor Punches	All Scissor Punches	All Scissor Punches	All Scissor Punches	All Scissor Punches
	Oval Punches	Oval Punches	1.5 mm Upbiter Oval Punches	60° Hooked Scissors	Oval Punches	Oval Punches
Middle	All DUCKLING	All DUCKLING	All DUCKLING	All DUCKLING	All DUCKLING	All DUCKLING
	All 1.5 mm	All 1.5 mm	All 1.5 mm	Oval Punches	All 1.5 mm	60° Hooked Scissors
	All 1.3 mm	All 1.3 mm	All 1.3 mm		All 1.3 mm	Oval Punches
	1.0 mm Scoop	1.0 mm Scoop	1.0 mm Scoop		2.7 mm Punches	
	2.7 mm Punches	All Scissor Punches	DUCKLING Curved		Oval Punches	
	3.4 mm Punches	Oval Punches	Scissor Punch Curved			
	Oval Punches	Meniscal Elevator	Meniscal Elevator Oval Punches			
Anterior	90° Punches	90° Punches	90° Punches	90° Punches	90° Punches	90° Punches
	60° Hooked Scissors	60° Hooked Scissors	60° Hooked Scissors	60° Hooked Scissors	60° Hooked Scissors	60° Hooked Scissors
	Left Swept	Left Swept	Left Swept	Left Swept	Left Swept	Left Swept
	Right Swept	Right Swept	Right Swept	Right Swept	Right Swept	Right Swept
	STINGRAY® Punches	STINGRAY Punches	20° Serrated	Oval Punches	STINGRAY Punches	STINGRAY Punches
	Oval Punches	Oval Punches	STINGRAY Punches Oval Punches		Oval Punches	Oval Punches

Graspers

Applications

PITBULL®	Loose Body	Bucket Handle	ACL Bone Block Assist
2.7 Cupped	Tight Compartment	Bucket Handle	Flap Small, Loose Body
3.4 Cupped	Bucket Handle	Loose Body	
Alligator	Tight Compartment		
Alligator Max	Tight Compartment	Bucket Handle	
RAPTOR® Rongeur	Biopsy		

Recommended Handheld Instrument Starter Kits

SIMPLE SEVEN: Looking for the most utility with the least amount of investment; we suggest this high performance seven-piece set.

ACUFEX [®] Pro Handle Reference #	ACUFEX Loop Handle Reference #	Description
7207057	012013	DUCKBILL [®] Basket Punch, Straight
7207050	012046	DUCKLING [®] Basket Punch, Curved Left
7207051	012047	DUCKLING Basket Punch, Curved Right
7207672	012048	DUCKLING Basket Punch, Upswept
7207058	012014	DUCKBILL Basket Punch, Upbiter
7207052	012051	Narrowline Basket Punch, Upbiter
	011024	2.7 mm Alligator Max Grasper

FLEXIBLE FIFTEEN: Need a more comprehensive instrument set for increased functionality; we suggest this fifteen-piece set.



ACUFEX Pro Handle Reference #	ACUFEX Loop Handle Reference #	Description
N/A	010912	90° Rotary Basket Punch, 2.2 mm Left
N/A	010913	90° Rotary Basket Punch, 2.2 mm Right
7207055	012059	STINGRAY [®] Basket Punch, Left
7207054	012058	STINGRAY Basket Punch, Right
7207057	012013	DUCKBILL Basket Punch, Straight
7207050	012046	DUCKLING Basket Punch, Curved Left
7207051	012047	DUCKLING Basket Punch, Curved Right
7207672	012048	DUCKLING Basket Punch, Upswept
	012012	Scoop Basket Punch, 3.4 mm, Straight
7207058	012014	DUCKBILL Basket Punch, Upbiter
7207047	012036	Scissors Punch, Straight
7207052	012051	Narrowline Basket Punch, Upbiter
7207662	012201	Posterior, Upbiter
	011024	2.7 mm Alligator Max Grasper
7207061	011022	PITBULL [®] Loose-body Forceps

Small Joint Instruments

This instrument set was specifically designed with the additional challenges of smaller joints in mind. The shorter shafts and lower profiles offer good access in the elbow and wrist and, in particular, are ideal for ankle arthroscopy.



RAPTOR® Jr. Punch

Enables trimming and removal of articular cartilage. Useful biopsy tool.

Reference #	Description
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014843	RAPTOR Jr. Punch
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Blunt Nose Jr. Punch

Allows trimming of tissue, flush to other structures. Low-profile jaw offers maximum maneuverability.

014844	Blunt Nose Jr. Punch
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PITBULL® Jr. Grasper

Ideal for loose body removal, particularly in the ankle. Wide jaw opening is maximized, even in this smaller version.

014845	PITBULL Jr. Grasper
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Small Joint Grasper

Alligator jaw ensures a firm grip on soft tissue, with the strength of a full-size instrument.

013219	Small Joint Grasper
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Small Joint Instruments – DYOvac® Suction Punch

3499	2.5 mm, Suction Punch
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Small Joint Probes

3856	3 mm, Probe
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3312	Hook Probe
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7209134	ELITE® Calibrated Probe
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Small Joint Instruments, continued

Micro instruments are designed to provide maximum grasping, resecting capability and excellent maneuverability for easy access to tight, small joints (wrist, elbow and ankle). All feature the pinless hinge for unparalleled strength and reliability.

	Reference #	Description
	7207868	Micro Instrument System
	System includes: 7207598	MicroGraspers, Straight
	7207599	MicroGraspers, Up 10°
	7207600	MicroPunch, Straight
	7207601	Teardrop Punch, Right
	7207602	Teardrop Punch, Left
	3312	Probe
	3499	DYOVAC® Straight Suction Punch, 2.5 mm
	7207935	Sterilization Tray; holds up to eight Micro Instruments, plus probe
	Reference #	Description
	72201376	FERKEL™ 15° Open Curette, 4 mm
	72201377	FERKEL 30° Open Curette, 2.5 mm
	72201378	FERKEL 15° Open Curette, 2.5 mm
	72201379	FERKEL 15° Anterior Lesion Curette, 2.5 mm

Shoulder Instruments

ELITE® Premium Shoulder Instruments

The ELITE Premium Shoulder Instruments offer comprehensive flexibility in arthroscopic and mini-open shoulder repairs, such as rotator cuff and Bankart repair.



Reference #

Description

7209493

ELITE Predator Tissue Grasper



7209492

ELITE Sliding Suture Cutter



7209494

ELITE Suture Loop Grasper



7209491

ELITE Double Hook Scissors

Capsular Release

The geometry of these instruments will assist in complete arthroscopic capsular release as a treatment for frozen shoulder. The extended nose allows blunt dissection between the capsule and surrounding musculature.



Reference #

Description

7207539

Capsular Release Punch, Straight



7207540

Capsular Release Punch, Upbiter









7207541

Capsular Release Punch, Upswept

Shoulder Instruments, continued

ARTHRO-PIERCE® Premium Instruments













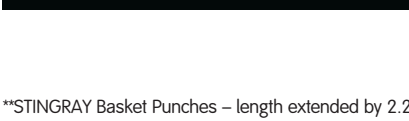

Single-step suture passage is made simple with ARTHRO-PIERCE Premium Shoulder Instruments. The low-profile, highly sharpened tip allows easy passage through tissue in order to retrieve or apply suture.

	Reference #	Description
	7209829	ARTHRO-PIERCE Premium Instrument System** System includes: 7209496, 7209497, 7209498, 7209499, 7209182.
	7209496**	ARTHRO-PIERCE Instrument, Straight
	7210378	ARTHRO-PIERCE Instrument, Straight with 12° Upward Bend
	7209499**	ARTHRO-PIERCE Instrument, 35° Up
	7210227	ARTHRO-PIERCE Instrument, 35° Up with 9° Upward Bend
	7209497**	ARTHRO-PIERCE Instrument, 45° Right
	7210225	ARTHRO-PIERCE Instrument, 45° Right with 12° Upward Bend
	7209498**	ARTHRO-PIERCE Instrument, 45° Left
	7210226	ARTHRO-PIERCE Instrument, 45° Left with 12° Upward Bend
	72201186	ARTHRO-PIERCE Instrument, Curved Left, Cigar Handle
	72201187	ARTHRO-PIERCE Instrument, Curved Right, Cigar Handle
	7209182**	Sterilization Tray, 13" x 9" x 6"

** Included in System

Hip Instruments

This instrument range was specifically designed with the additional challenges of hip arthroscopy in mind. Their extra length and low profile offer excellent access to the hip joint.

	Reference #	Description
	7207545	Rotary 2.2 mm Left, Loop Handle
	7207544	Rotary 2.2 mm Right, Loop Handle
	7207735	Scoop 1.5 mm Upbiter
	7207736	DUCKLING° Upbiter
	7207737	DUCKLING Upswept
	7207733	Narrowline Upbiter
	7207734	Narrowline Upbiter, Curved Right
	7210730	STINGRAY° Basket Punch, Backbiter Right**
	7210731	STINGRAY Basket Punch, Backbiter Left**
	Hip Graspers	
	7207699	Grasper, Alligator Max
	7207700	Grasper, Cupped, 3.4 mm
	7207731	Grasper, PITBULL°
	7207732*	RAPTOR° Rongeur
7207934	Hip Arthroscopy Tray	

Hip Knives



Reference #	Description
7210758*	Banana Blade Knife, Reusable
72202487	Banana Blade Knife, Cannulated, Reusable

Hip Probe

Reference #	Description
6900221	3.0 mm Probe

Knives, Probes and Sterilization Tray

ACUFEX[®] Knives



Reference #	Description
010600*	Hook, 3.0 mm Straight, Disposable ^{††} , Box of 5
010161	Hook, 5.0 mm Straight, Reusable



010610	Rosette, 3.0 mm Straight, Disposable ^{††} , Box of 5
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010630*	Banana, 3.0 mm, Serrated, Straight, Disposable ^{††} , Box of 5
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010121	Banana, 5.0 mm, Serrated, Straight, Reusable
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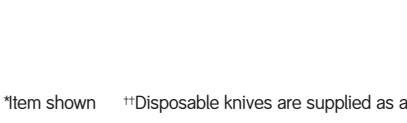
010620	3.0 mm, Round Tip, Straight, Disposable ^{††} , Box of 5
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010640	3.0 mm, Serrated Flat, Straight, Disposable ^{††} , Box of 5
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010650	3.0 mm, Sharp Tip, Straight, Disposable ^{††} , Box of 5
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010660	3.0 mm, V-shaped, Straight, Disposable ^{††} , Box of 5
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010680	Reusable Handle for Disposable Knife
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*Item shown ††Disposable knives are supplied as a box of 5, single-use, sterile packs.

Probes



Reference #

Description

010001

Straight



010525

Cannular, 3.0 mm, Straight



010002

Curved, Left 30°

010003

Curved, Right 30°



7204869

3.0 mm, Heavy Hook (with handle)

Sterilization Tray



Reference #

Description

011673

Linear Instruments 15-unit Sterilization Tray

Instrument Tip Dimensions

Punch Tip Dimensions

Description Family	Tip Profile	Bite Width	Tip Width
Narrowline	1.9 mm	1.67 mm	2.89 mm
DUCKBILL° Punch	2.52 mm	3.17 mm	5.05 mm
DUCKLING° Punch	1.93 mm	3.17 mm	5.00 mm
Scoop 1.0 mm	2.28 mm	1.59 mm	3.25 mm
Scoop 1.3 mm	2.10 mm	1.59 mm	3.27 mm
Scoop 1.5 mm	2.28 mm	1.59 mm	3.88 mm
Scoop 2.7 mm	2.28 mm	1.77 mm	3.58 mm
Scoop 3.4 mm	2.94 mm	2.03 mm	3.76 mm
Posterior	2.46 mm	2.18 mm	4.00 mm
STINGRAY°	3.93 mm	2.38 mm	5.58 mm
90° Rotary 2.2 mm	3.36 mm	3.17 mm	6.79 mm
90° Rotary 3.4 mm	3.86 mm	3.17 mm	6.79 mm
Blunt Nosed	1.83 mm	1.67 mm	3.32 mm
Oval Punches	1.65 mm	4.39 mm	6.57 mm
Scissor Punches	2.71 mm	0.76 mm	2.75 mm

Grasper Tip Dimensions

Description Family	Tip Profile	Bite Width	Tip Width
Grasper, 2.7 mm	2.66 mm	N/A	3.05 mm
Grasper, 2.7 mm Up	2.66 mm	N/A	3.05 mm
Grasper, Alligator Max	3.17 mm	N/A	3.45 mm

Small Joint Tip Dimensions

Description Family	Tip Profile	Bite Width	Tip Width
MicroGrasper, Straight	Taper to 1.0 mm	N/A	Taper to 1.75 mm
MicroGrasper, Up 10°	Taper to 1.0 mm	N/A	Taper to 1.75 mm
MicroPunch, Straight	2.0 mm	1.25 mm	3.5 mm
Teardrop Punch, Right	1.35 mm	2.25 mm	3.5 mm
Teardrop Punch, Left	1.35 mm	2.25 mm	
Suction Punch	2.5 mm		

Hip Instruments Tip Dimensions

Description Family	Tip Profile	Bite Width	Tip Width
Graspers			
Alligator Max	3.7 mm	N/A	3.45 mm
Grasper	2.66 mm	N/A	3.05 mm
Cupped 3.4 mm	2.66 mm	N/A	3.05 mm
RAPTOR Rongeur	2.66 mm	N/A	3.05 mm

Description Family	Tip Profile	Bite Width	Tip Width
Punches			
90° Rotary Left, Loop Handle	3.36 mm	3.7 mm	6.79 mm
90° Rotary Right, Loop Handle	3.36 mm	3.7 mm	6.79 mm
Scoop, Upbiter 1.5 mm	2.28 mm	1.59 mm	3.88 mm
DUCKLING Punch, Upbiter	1.93 mm	3.7 mm	5.00 mm
DUCKLING Punch, Upswept	1.93 mm	3.7 mm	5.00 mm
Narrowline Upbiter	1.9 mm	1.67 mm	2.89 mm
Narrowline Upbiter, Curved	1.9 mm	1.67 mm	2.89 mm

Care and Maintenance Guidelines

Punches, Scissors, Graspers and Knives

The shafts and tips of ACUFEX® Instruments are made of specially formulated and treated surgical stainless steel for optimum sharpness and resistance to corrosion. However, correct care and maintenance are important in optimizing their performance.



Cleaning

Whenever possible, use demineralized, distilled water when cleaning ACUFEX instruments. Mineral deposits and impurities in tap water can lead to corrosion. For washing, use a detergent or solution near neutral pH (7.0 to 8.5) for safe cleaning. Ultrasonic cleaners may be used. After cleaning, dry the instruments to prevent water impurities from collecting on surfaces. Place the instruments in the ACUFEX Sterilization Trays between uses to protect tips.

Lubrication

To protect instruments from staining and rusting prior to sterilization or storage, dip instruments into a water-soluble antimicrobial lubricant, following manufacturer's instructions. The lubricant will help to free stiff instruments; if dipping does not free an instrument, try soaking it overnight.

Resharpener/Preventative Maintenance

Instruments need to be inspected and evaluated on a regular basis to determine whether resharpener, realignment or refurbishment is needed. Edge Express service from Smith & Nephew will aid in maintaining proper function and performance. Only sharpening by Smith & Nephew can maintain and restore the sharpness of the cutting blade or tip to our original manufacturing specifications. Regular maintenance and the use of a Smith & Nephew facility for resharpener will maximize the life of the instruments. **For more information, speak directly to your Smith & Nephew Sales Representative or our Service Sales Specialist at +1 978 749 1262.**

Warranty*

Smith & Nephew products are guaranteed to be free from defects in material and workmanship for the warranty period for a particular product, beginning from date of invoice. This warranty is restricted to repair or replacement by Smith & Nephew, at its option, of any product found to be defective during the warranty period. Damage inflicted to a product by the user will result in additional charges and may void the warranty. This includes, but is not limited to, any attempted repairs by unauthorized service providers, using a sterilization method not approved by Smith & Nephew and using the product in a way that is not intended by Smith & Nephew. All warranties apply to the original buyer only. In no event shall Smith & Nephew be liable for any anticipated profits, consequential damages, or loss of time incurred by the buyer with the purchase or use of any product. Acufex Handheld Instruments are warranted to be free from defects in material and workmanship for their lifetime against failure in normal use.

All service replacement and repairs have a 90-day limited warranty

Ninety day warranty on repairs only applies to the defective component repaired. Product returned that is found to have been serviced by unauthorized service providers, sterilized using a method not approved by Smith & Nephew or used in a way that is not intended by Smith & Nephew incur additional costs, regardless of warranty or service agreement status.



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