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Smith & Nephew ACUFEX brand instruments offer the surgeon and the patient the benefits of superior performance. That's the ACUFEX hand-held difference.

Smith & Nephew offers a full line of ACUFEX punches, scissors, graspers, probes and knives that have earned a worldwide reputation for optimal maneuverability, sharpness, precision and strength.

All ACUFEX instruments are manufactured using the ACUFEX patented pinless hinge design, ensuring unsurpassed strength and cutting efficiency.

Punches, Scissors, Graspers, and Knives

Product Highlights



Meniscal Overbiter Punch

Specially designed with a reverse jaw that easily slides toward and under the superior meniscus flap region of the knee, an area notorious for its difficult access.

Meniscal Overbiter Punch
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Oval Punches

A family of punches that offers the lowest profile and the largest bite.

Oval Punches
Page G-2



Graspers

ACUFEX handled graspers feature an "infinite position" sliding-lock mechanism that holds tissue firmly without tearing or slipping – even in the tightest areas.

Graspers
Page G-8

Smith & Nephew ACUFEX[®] and ACUFEX Pro Punches

Smith & Nephew ACUFEX punches are designed with a broad range of tips and configurations allowing easy access to specific areas of the meniscus.

Each linear punch is constructed with our exclusive pinless hinge design, one-piece outer shaft, and hand-honed edge to provide unrivaled strength, durability, and sharpness.

Having punches sharpened by a Smith & Nephew Service Center will ensure continued optimal cutting and will maximize the life of the instruments.

Handle Selection Guide



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



ACUFEX Pro Handle: Selected punches, scissors, and graspers feature this ergonomic handle design.

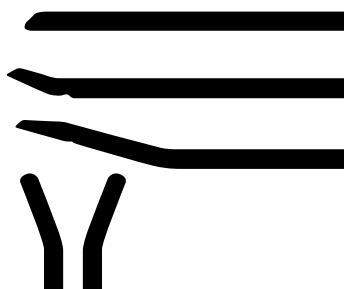


Cigar Handle: Available on rotary basket punches and scissors.



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

Shape Selection Guide



Straight: The primary style for direct approach

Upbiter: Angled 1/4 curve at tip for increased 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 meniscus

Smith & Nephew ACUFEX[◇] and ACUFEX Pro Punches





Basket Punches – Narrowline

The narrow shaft and compact jaw design facilitates access and use in tight spaces, particularly useful in the posterior aspect of the knee.

	ACUFEX Pro REF	ACUFEX REF	Description	Tip Profile	Bite Width	Tip Width
	7207053	012052*	Straight	1.9 mm	1.67 mm	2.89 mm
	7207052	012051*	Upbiter	1.9 mm	1.67 mm	2.89 mm
	7207658	012053	Upbiter, curved left	1.9 mm	1.67 mm	2.89 mm
	7207660	012054	Upbiter, curved right	1.9 mm	1.67 mm	2.89 mm
	7207659	012055*	Upswept	1.9 mm	1.67 mm	2.89 mm
	7208679		45° tip, left	1.5 mm	1.67 mm	2.89 mm
	7208685		45° tip, right	1.5 mm	1.67 mm	2.89 mm






Basket Punches – Duckbill

All-purpose, low-profile punches with a large square bite.

	ACUFEX Pro REF	ACUFEX REF	Description	Tip Profile	Bite Width	Tip Width
	7207057	012013*	Straight	2.52 mm	3.17 mm	5.05 mm
	7207058	012014*	Upbiter	2.52 mm	3.17 mm	5.05 mm
	7207667	012015	Upbiter, curved left	2.52 mm	3.17 mm	5.05 mm
	7207664	012016	Upbiter, curved right	2.52 mm	3.17 mm	5.05 mm


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 — the most versatile instrument available.

	7207083	7207200	Upbiter	1.65 mm	4.39 mm	6.57 mm
	7207181	7207201*	Straight	1.65 mm	4.39 mm	6.57 mm
	N/A	7207294	Curved left	1.65 mm	4.39 mm	6.57 mm
	N/A	7207295	Curved right	1.65 mm	4.39 mm	6.57 mm
	N/A	7207296	Upswept	1.65 mm	4.39 mm	6.57 mm

Basket Punches – Blunt Nose

ACUFEX Loop Handle. Blunt nose basket punch enables flush contouring of meniscus.




	N/A	012035	1.0 mm, straight	1.83 mm	1.67 mm	3.32 mm
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* Item shown

Smith & Nephew ACUFEX[®] and ACUFEX Pro Punches


Basket Punches – DUCKLING[®]

The Smith & Nephew ACUFEX DUCKLING punches are a lower-profile relation to the duckbill, maintaining a large square bite and maximizing maneuverability.

	ACUFEX Pro REF	ACUFEX REF	Description	Tip Profile	Bite Width	Tip Width
	7207049	012044*	Straight	1.93 mm	3.17 mm	5.00 mm
	7207050	012046	Curved left	1.93 mm	3.17 mm	5.00 mm
	7207051	012047	Curved right	1.93 mm	3.17 mm	5.00 mm
	7207668	014765	Elevator	1.93 mm	3.17 mm	5.00 mm
	7207000	012045*	Upbiter	1.93 mm	3.17 mm	5.00 mm
	7207672	012048	Upswept	1.93 mm	3.17 mm	5.00 mm


Posterior Punches

For the specific requirements of the posterior horn of the meniscus; the short, low-profile jaw facilitates working in the tight confines of the posterior aspect of the knee.

	7207662	012201*	Upbiter	2.46 mm	2.18 mm	4.00 mm
	7207666	012202	Upswept	2.46 mm	2.18 mm	4.00 mm
	7207665	012203	Straight	2.46 mm	2.18 mm	4.00 mm
	7207661	012204	Curved left	2.46 mm	2.18 mm	4.00 mm
	7207663	012205	Curved right	2.46 mm	2.18 mm	4.00 mm

Basket Punches – STINGRAY[®]

These backbiters enable simple access to the anterior horn of the meniscus.




	7207055	012059	Left	3.93 mm	2.38 mm	5.58 mm
	7207054	012058*	Right	3.93 mm	2.38 mm	5.58 mm
	7210730	STINGRAY Basket Punch, right, length extended by 2.25"				
	7210731	STINGRAY Basket Punch, left, length extended by 2.25"				

* Item shown

Smith & Nephew ACUFEX[◇] and ACUFEX Pro Punches

Basket Punches – Scoop



The most traditional style of instrument, a classical punch shape with the parrot beak upper jaw to help capture tissue.

	ACUFEX Pro REF	ACUFEX REF	Description	Tip Profile	Bite Width	Tip Width
	72200719	012029*	1.0 mm, straight	2.28 mm	1.59 mm	3.25 mm
	7207657	012040	1.3 mm, curved left	2.10 mm	1.59 mm	3.27 mm
	7207656	012041	1.3 mm, curved right	2.10 mm	1.59 mm	3.27 mm
	72200716	012030	1.3 mm, upbiter	2.10 mm	1.59 mm	3.27 mm
	N/A	012042	1.3 mm, upbiter, curved left	2.10 mm	1.59 mm	3.27 mm
	N/A	012043	1.3 mm, upbiter, curved right	2.10 mm	1.59 mm	3.27 mm
	N/A	012031*	1.3 mm, upswept	2.10 mm	1.59 mm	3.27 mm
	N/A	012033	1.3 mm, downbiter	2.10 mm	1.59 mm	3.27 mm
	7207046	012034	1.5 mm, straight	2.28 mm	1.59 mm	3.88 mm
	N/A	012020*	1.5 mm, upbiter	2.28 mm	1.59 mm	3.88 mm
	N/A	012032	1.5 mm, upswept	2.28 mm	1.59 mm	3.88 mm
	N/A	012011	2.7 mm, straight	2.28 mm	1.77 mm	3.58 mm
	N/A	012012	3.4 mm, straight	2.94 mm	2.03 mm	3.76 mm

Note: The dimensions given refer to the height of the lower jaw at the distal end.

Basket Punches – Meniscal Elevator

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

	N/A	012060	1.3 mm, straight
	7207671*	012061	1.3 mm, upbiter

Basket Punches – 90° Rotary

90° Rotary 2.2 mm – tip profile 3.36 mm, bite width 3.17 mm, tip width 6.79 mm

90° Rotary 3.4 mm – tip profile 3.86 mm, bite width 3.17 mm, tip width 6.79 mm






	Loop Handle REF	Cigar Handle REF	Description
	010912*	010906	2.2 mm, left
	010913	010907	2.2 mm, right
	N/A	010900	3.4 mm, left
	N/A	010901	3.4 mm, right

* Item shown

Suction Punches

DYOVAC® Suction Punches

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

	REF	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

* Item shown

Suction Punches/Accessories

Blade Retention Screws

Box of 12



REF	Description
2714*	For 3.4 mm suction punch
2699	For 5.2 mm suction punch

Replacement Blades

REF	Description
3585	For 3.4 mm suction punch, 1 each
3586	For 5.2 mm suction punch, 1 each

Cleaning Brushes

Box of 10

2715	For 3.4 mm suction punch
2697	For 5.2 mm suction punch
3349	For 4.5 mm suction punch
3577	For 2.5 mm suction punch

Smith & Nephew ACUFEX[®] and ACUFEX Pro 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

	Loop Handle REF	Cigar Handle REF	Description
	010814*	010800	20° hooked, left
	010815	010801	20° hooked, right
	010812*	010802	60° hooked, left
	010813	010803	60° hooked, right
	010816*	N/A	20° short, serrated, left
	010817	N/A	20° short, serrated, right
	N/A	010806	20° serrated, left
	N/A	010807*	20° serrated, right

Scissors Punches

	ACUFEX Pro REF	ACUFEX REF	Description
	7207047	012036	Straight
	7207048	012037	Upbiter
	7207669	012038*	Upbiter, curved left
	7207670	012039	Upbiter, curved right

Meniscal OVERBITER[®] Punch

Used where access is required into superior meniscal flap region.

	ACUFEX Pro REF	ACUFEX REF	Description
	N/A	7209878	Overbiter

* Item shown

Smith & Nephew ACUFEX[◇] and ACUFEX Pro Graspers

A broad selection of procedure-specific tip configurations provide maximum grasping capability and allow easy access to all areas of the meniscus from a variety of approaches.

ACUFEX Grasper Handled Graspers feature an “infinite position” sliding-lock mechanism that holds tissue firmly without tearing or slipping — even in the tightest areas.

Locking mechanism is not available on ACUFEX Pro.

Graspers – Loosebody Forceps



ACUFEX Pro REF	ACUFEX REF	Description
7207061	011022	PITBULL [◇]

Graspers – Cupped



N/A	011012	2.7 mm
7207059*	011014	3.4 mm
N/A	7207700	3.4 mm, length extended by 2.25"

Rongeur



Loop Handle REF	Description
014720*	RAPTOR [◇]
014843	RAPTOR Jr.



* Item shown

Smith & Nephew ACUFEX[◇] and ACUFEX Pro Graspers



ACUFEX Grasper Handled Graspers feature an “infinite position” sliding-lock mechanism that holds tissue firmly without tearing or slipping — even in the tightest areas.

Locking mechanism is not available on ACUFEX Pro.

Graspers – Alligator

	ACUFEX Pro REF	ACUFEX REF	Description	Tip Profile	Tip Width
	7207060*	011020	2.7 mm, straight	2.66 mm	3.05 mm
	7207673	011021	2.7 mm, upcurved	2.66 mm	3.05 mm
	N/A	011024*	Alligator max	3.17 mm	3.45 mm
	N/A	7207699	Alligator max, length extended by 2.25"	3.17 mm	3.45 mm

Graspers – Atraumatic





	N/A	011030	Tissue tensioner, straight		
	N/A	014779	Cannulated tissue tensioner, straight		

* Item Shown

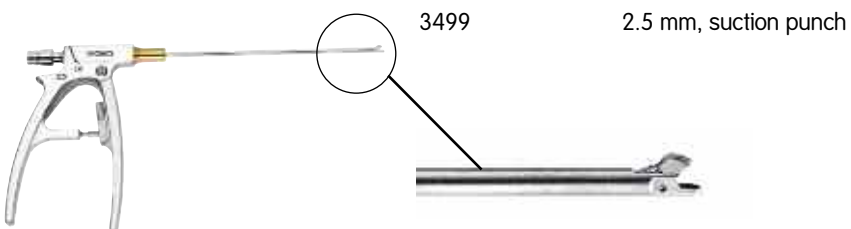
Smith & Nephew ACUFEX[◇] Small Joint Instruments

Small Joint Arthroplasty Instruments

Shorter shafts and lower profile tips meet the specific demands of the small-joint surgeon. Available individually or in a convenient system with a dedicated tray.

	REF	Description
	014843	RAPTOR [®] Jr. Punch
	014844	Blunt Nose Jr. punch
	014845	PITBULL [®] Jr. grasper
	013219	Small joint grasper

Small Joint Instruments – DYOVAC[°] Suction Punches











Small Joint Probes

	REF	Description
	3856	Probe, 3 mm
	3312	Hook probe
	7209134	ELITE [®] calibrated probe

Smith & Nephew ACUFEX[◇] Knives

ACUFEX Knives

	REF	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
	010630	Banana - 3.0 mm, serrated, straight, disposable [†] , box of 5
	010121*	Banana - 5.0 mm, serrated, straight, reusable
	010620	Meniscectomy - 3.0 mm, round tip, straight, disposable [†] , box of 5
	010640	Meniscectomy - 3.0 mm, serrated flat, straight, disposable [†] , box of 5
	010650	Meniscectomy - 3.0 mm, sharp tip, straight, disposable [†] , box of 5
	010660	Meniscectomy - 3.0 mm, V-shaped, straight, disposable [†] , box of 5
	010680	Reusable handle for disposable knife





[†] Disposable knives are supplied as a box of 5, single-use, sterile packs.

* Item shown

Call +1-800-343-5717 (U.S.) or contact your local representative.

Probes

Probes

REF	Description
010001*	Straight
	
010525	Cannular, 3.0 mm, straight
	
010002*	Curved, left 30°
010003	Curved, right 30°
	
	

REF	Description
7204869	3.0 mm, heavy hook (with handle)

* Item shown

Instrument Sterilization Trays

Sterilization Trays

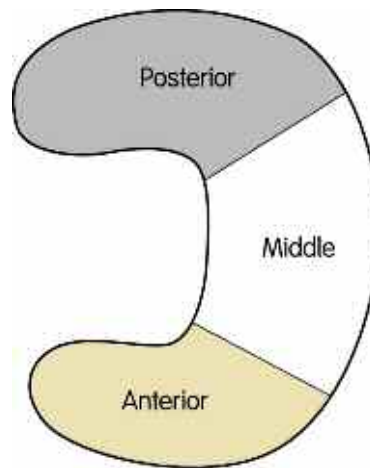
REF	Description
7207161*	Smith & Nephew ACUFEX® Pro Seven-Unit Sterilization Tray (for ACUFEX Pro, ProLine, or ACUFEX hand held instruments)
7207162	Smith & Nephew ACUFEX® Pro Fifteen-Unit Sterilization Tray (for ACUFEX Pro, ProLine, or ACUFEX hand held instruments)
011673	Linear Instruments Fifteen-Unit Sterilization Tray
7209334	25-unit metal sterilization tray
<i>ALL trays are sold as a unit - tops and bottoms are NOT available separately</i>	
011695*	Rotary Instruments Four-Unit Sterilization Tray
011694	Arthroplasty Instruments Seven-Unit Sterilization Tray

* Item shown

Recommended Instrument Sets

Recommended Handheld Instruments For Starter Set

Build a seven instrument starter set based on your access needs to specific areas of the meniscus.
(All instruments are sold separately)



Anterior

ACUFEX Pro Handle REF	ACUFEX Loop Handle REF	Description
7207055	012059	STINGRAY® Basket Punch, left
7207054	012058	STINGRAY, Basket Punch, right
N/A	010912	90° Rotary Basket Punch, 2.2 mm, left
N/A	010913	90° Rotary Basket Punch, 2.2 mm, right

Anterior, Middle, Posterior

7207181	7207201	Oval Punch, straight
7207057	012013	Duckbill Basket Punch, straight

Middle & Posterior

7207049	012044	Duckling Basket Punch, straight
7207000	012045	Duckling Basket Punch, upbiter
7207058	012014	Duckbill Basket Punch, upbiter
7207047	012036	Scissors Punch, straight

Posterior

7207052	012051	Narrowline Basket Punch, upbiter
7207662	012201	Posterior, upbiter

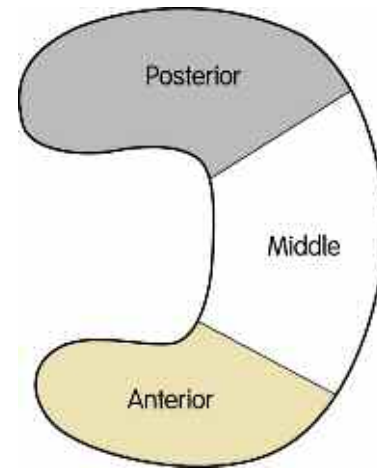
Grasper, Probe & Tray

REF	Description
011024	2.7 mm Alligator Max Grasper
010001	Straight Probe
7207161	Seven-Unit Sterilization Tray

Recommended Instrument Sets

Recommended Handheld Instruments For Comprehensive Set

Build a fifteen instrument starter set based on your access needs to specific areas of the meniscus.
(All instruments are sold separately)



Anterior

ACUFEX Pro Handle REF	ACUFEX Loop Handle REF	Description
7207055	012059	STINGRAY® Basket Punch, left
7207054	012058	STINGRAY, Basket Punch, right
N/A	010912	90° Rotary Basket Punch, 2.2 mm, left
N/A	010913	90° Rotary Basket Punch, 2.2 mm, right

Anterior, Middle, Posterior

7207181	7207201	Oval Punch, straight
7207057	012013	Duckbill Basket Punch, straight

Middle & Posterior

7207049	012044	Duckling® Basket Punch, straight
7207000	012045	Duckling Basket Punch, upbiter
7207058	012014	Duckbill Basket Punch, upbiter
7207047	012036	Scissors Punch, straight
N/A	012035	Blunt Nose Basket Punch, 1.0 mm, straight
N/A	012020	Scoop Basket Punch, 1.5 mm, upbiter
N/A	012032	Scoop Basket Punch, 1.5 mm, upswept

Recommended Instrument Sets

Recommended Handheld Instruments For Comprehensive Set

Posterior

ACUFEX® Pro Handle REF	ACUFEX Loop Handle REF	Description
7207053	012052	Narrowline Basket Punch, straight
7207052	012051	Narrowline Basket Punch, upbiter
7207658	012053	Narrowline Basket Punch, upbiter, Curved Left
7207660	012054	Narrowline Basket Punch, upbiter, Curved Right
7207659	012055	Narrowline Basket Punch, upswept
7207662	012201	Posterior, upbiter
7207666	012202	Posterior Punch, upswept
7207665	012203	Posterior Punch, straight
7207661	012204	Posterior Punch, curved left
7207663	012205	Posterior Punch, curved right

Graspers

N/A	011024	2.7 mm Alligator Max Grasper
7207061	011022	PITBULL® Loosebody Forceps

Probe & Tray

REF	Description
010001	Straight Probe
7207162	ACUFEX Pro® Fifteen-Unit Sterilization Tray
011673	Linear Instruments Fifteen-Unit Sterilization Tray

Care and Maintenance

The shafts and tips of ACUFEX® Instruments are of specially formulated and treated surgical stainless steel for optimum sharpness and resistance to corrosion. However, correct care and maintenance are important in optimizing the performance of your instruments. Please use the information here to protect your investment.

Cleaning

Whenever possible, use demineralized, distilled water, when cleaning your instruments. Mineral deposits and impurities in tap water can lead to corrosion. For washing, use a detergent or solution pH (7.0 to 11.0) for safe cleaning. Ultrasonic cleaners may be used to clean your instruments. After cleaning, dry the instruments to prevent water impurities from collecting on surfaces. Replace the instruments in the ACUFEX Sterilization Trays between uses to protect the instrument 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.

Resharpening/Preventative Maintenance

Instruments need to be inspected and evaluated on a regular basis to determine whether resharpening, realignment, or refurbishment is needed. Routine service will aid in promoting 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 resharpening will increase the life of the instruments.

Made to Order Punches

Made to Order products have longer production times. Please contact your sales representative or customer service for more information.

Basket Punches – Narrowline

REF	Description
7207658	Upbiter, curved left, ACUFEX® Pro Handle
7207659	Upswept, ACUFEX Pro Handle
7207660	Upbiter, curved right, ACUFEX Pro Handle
7207552	Upswept, with larger finger and thumb loops
7207053	Straight, ACUFEX Pro Handle
7207052	Upbiter, ACUFEX Pro Handle

Basket Punches – Duckbill

7207664	Upbiter, curved right, ACUFEX Pro Handle
7207667	Upbiter, curved left, ACUFEX Pro Handle

Basket Punches – DUCKLING°

7207668	Elevator, ACUFEX Pro Handle
7207000	Upbiter
7207672	Upswept, ACUFEX Pro Handle
7205979	Upswept, low profile extended 20 mm
7207547	Duckling, 20° downbiter

Basket Punches – Posterior

7207665	Straight, ACUFEX Pro Handle
7207666	Upswept, ACUFEX Pro Handle
7207661	Upbiter, curved left, ACUFEX Pro Handle
7207662	Upbiter, ACUFEX Pro Handle
7207663	Upbiter, curved right, ACUFEX Pro Handle

Basket Punches – Scoop

72200719	1.0 mm, straight, ACUFEX Pro Handle
7207657	1.3 mm, curved left, ACUFEX Pro Handle
7207656	1.3 mm, curved right, ACUFEX Pro Handle
72200716	1.3 mm, upbiter, ACUFEX Pro Handle

Basket Punches – Meniscal Elevator

7207671	1.3 mm, upbiter, ACUFEX Pro Handle
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Made to Order Punches

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Basket Punches – Oval

REF	Description
3134238	Curved left at 40 mm from tip
7207533	Upbiter, with larger finger and thumb loops

Basket Punches – Extended Length

7207737	Duckling, upswept, length extended by 2.25"
7207733	Narrowline upbiter, length extended by 2.25"
7207734	Narrowline upbiter, curved right, length extended by 2.25"

Made to Order

Scissors Punches, Graspers, Rongeurs, Knives, and Magnetic Retrievers

Made to Order products have longer production times. Please contact your sales representative or customer service for more information.

Scissors Punches

REF	Description
7207669	Upbiter, curved left, ACUFEX® Pro Handle
7207670	Upbiter, curved right, ACUFEX Pro Handle

Graspers

7207673	2.7 mm upcurved grasper, Alligator, ACUFEX Pro Handle
3134239	Grasper, cupped, 3.4 mm, no teeth
6900595Z	Grasper, Johnson Jaw, 130 mm long
7205983	Grasper, Johnson Jaw Jr., 130 mm long

Rongeur

7207553	RAPTOR® rongeur with larger finger and thumb loops
7210757	RAPTOR Jr., down swept 10°

Rongeur – Extended Length

7207732	RAPTOR rongeur, length extended by 2.25"
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Knives – Reusable

3134216	3.0 mm, straight, sharp tip
3134217	5.0 mm, straight, sharp tip

Magnetic Retrievers

011501	3.0 mm, curved, 30°
011502	4.0 mm, straight

Made to Order

Small Joint Instruments, Micro Instruments, Curettes, Chondral Picks, and Sterilization Tray

Made to Order products have longer production times. Please contact your sales representative or customer service for more information.

Scissors Punches

REF	Description
3134236	Small joint probe
3134237	Small joint elevator

Micro Instruments

7210753	Micro-grasper, straight, down swept 10°
7210754	Micro-punch, straight, down swept 10°
7210755	Teardrop punch, right, down swept 10°
7210756	Teardrop punch, left, down swept 10°

Curettes

3134240	Curette, closed 3.0 mm, extended 4 cm shaft
3134266	Curette, NOTCHMASTER®, 6.0 mm

Chondral Picks

6900833	Chondral pick, 3.5 mm, 45° bend
6900834	Chondral tamp, 3.5 mm, 45° tip

Sterilization Tray

7209334	25-unit Sterilization Tray
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