



# Sontec Instruments®

A TRADITION OF FINE SURGICAL INSTRUMENTS

EQUINE CATALOG

Dear Customer,

Sontec Instruments, Inc. is a family owned & operated medical company, providing personalized service featuring the finest in surgical instrumentation for over half a century.

Our surgical instruments encompass the entire human anatomy including specialty products specific to small and large animal surgery.

Owner of Sontec Instruments, Dennis Russell Scanlan III and his sons, Johann, Stefan and Angus Scanlan bring with them a lifetime of experience creating the highest quality products made by the world's leading manufacturing facilities featuring, cutting edge robotic technology, handmade workmanship combined with an understanding how to make exactly what our valued customers have come to expect.

Dennis R. Scanlan, III President & CEO and his wife Caron C. Scanlan thank you, for the opportunity to present our specialty Equine catalog.

Sincerely,



Dennis Russell Scanlan III

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## IMPORTANT INFORMATION

### Guarantee & Repairs Policy

Sontec® surgical instruments are guaranteed to be free of defects in materials and workmanship. Any Sontec® instrument that is defective will be repaired or replaced at our discretion. Instruments not properly cared for, used for unintended purposes, or beyond their designed capacity will not be covered under this guarantee. Our liability under this guarantee is limited to the repair or replacement of the defective merchandise.

Sontec® has its own repair department where most mechanically functional instruments can be returned to like-new condition.

Sontec® performs a variety of repairs, such as replacing worn TC jaws or sharpening scissors. In addition, we complete a comprehensive evaluation of your instruments to determine if further service is required.

For repair service, please send the following directly to the address below:

- Instruments clean, sterilized, securely wrapped and carefully packaged.
- Purchase and/or repair order
- A note with contact and shipping information
- Sending multiple items eliminates \$50 minimum charge

### Return Policy

The return of new, unused instruments in their original packaging is accepted within 30 days of purchase with an authorized "Return Merchandise Authorization". Please contact Sontec directly by phone or email with your invoice or proof of purchase in order to obtain your RMA slip and instructions. Restocking fee applies and credit will not be issued for shipping charges or handling fees. Proper credit is not guaranteed without an RMA. Custom, Special Order or Modified items are non-returnable.

Sontec Instruments, Inc.  
Toll free: 800.821.7496  
Local: 303.790.9411  
returns@sontecinstruments.com

### Remember

Sontec® offers other catalogs for a variety of surgical instrumentation, including:

- Alligator, Grasping, & Biopsy Forceps
- Avian & Exotic
- Bandage Scissors
- Cardiovascular & Thoracoscopic
- Caspar & Cloward Retractor Systems
- Colon & Rectal
- Cranial Cruciate Ligament Lateral Suture

- System
- Equine (Arthroscopic)
  - Eye
  - Neurology & Orthopedic
  - Orthopedic & Arthroscopic
  - Urology
  - Veterinary Dental
  - Veterinary Eye
  - General Veterinary Instrumentation

Also, if you do not find what you are looking for, please contact us.

### Instrument Care

Designed and crafted to exacting specifications, surgical instruments will perform for a number of years, provided they are maintained correctly and used for their intended purpose. A strict maintenance schedule will help reduce the need for premature replacements, thus cutting costs. For proper safeguarding of surgical instruments, please read and share the following information.

- Never substitute sterilization for cleanliness
- Wash brand new instruments prior to the first sterilization
- Remove saline solution, bleach, blood and tissue from instruments quickly and thoroughly
- Always use distilled water for cleaning instruments
- Never use saline solution for cleaning instruments
- Prevent cross-corrosion by separating corroded instruments from other instruments
- Never autoclave econo-grade stainless with superior-grade stainless.
- Always autoclave instruments with box lock open to alleviate pressure at the joint and to prevent fracture
- Lubricate joint and box lock after cleaning with an anti-microbial, water soluble lubricant
- Protect the tips of delicate instruments with protective covers (see page a.)
- Never use an instrument for anything other than its intended use

### Additional Safeguarding Guidelines

#### Scissors and Other Blades

- Perform routine inspections for sharpness, as a blade becomes duller with each stroke (all operating and Mayo scissors should be able to cut through four layers of gauze)
- When blades no longer cut without an excessive amount of force, please return them to Sontec® for sharpening
- The more often a blade is sharpened, the longer it tends to last

#### Needle Holders

- Repair is necessary when needle holder no longer securely holds needle when locked on the second ratchet tooth, and needle turns easily by hand

### Please Note

- We are not responsible for typographical errors in this catalog
- Instruments pictured in this catalog may or may not be to size
- Variations and changes in instrument design are possible
- Pricing is subject to change without notice
- Delivery schedules may vary from original estimates
- Some items are for veterinary use

### Contact Info

Sontec Instruments, Inc.  
7248 South Tucson Way  
Centennial, Colorado 80112, USA  
Toll free: 800.821.7496  
Local: 303.790.9411  
service@sontecinstruments.com  
www.sontecinstruments.com

## Troubleshooting Guide

Problem	Cause	Solution
Rust	Worn chrome plating on brass instruments	Be aware of plating condition and remove from service when wear is visible.
	Cross-corrosion from carbon instruments to stainless steel	Keep carbon steel and stainless steel instruments separated during cleaning and sterilization.
	Low grade instruments may not have been passivated	Remove from service.
	Autoclave not operating properly	Clean and thoroughly flush water lines in sterilizer according to manufacturer's instructions. Only use distilled water, never tap water, to generate steam.
	Organic matter left on instrument after surgery	Remove all blood and tissue before drying. Use distilled water and a nylon brush to clean hard to reach areas.
Pitting	Prolonged exposure to corrosive chemicals and/or organic substances	Only use approved cleaning and sterilization solutions. Thoroughly rinse and dry instruments.
Orange / Brown Stains	Contaminated sterilizer, high alkaline detergent, cold disinfectants	Clean sterilizer. Use neutral pH solutions. Thoroughly clean, rinse, and dry instruments.
Bluish Black Stains	Mixing dissimilar metals during cleaning and sterilization	Separate carbon steel, aluminum, and stainless steel instruments.
Rainbow - olored Stains	Chromium oxide stain-result of excessive heat	Send in for polishing and hardness check.
Cracked Box Lock	Excessive force, sterilized in the closed position	Replace the instrument.
Cracked Jaw on Pin Cutter	Cutting pin at tip of jaws	Replace the instrument. Cut pin in center of jaws.

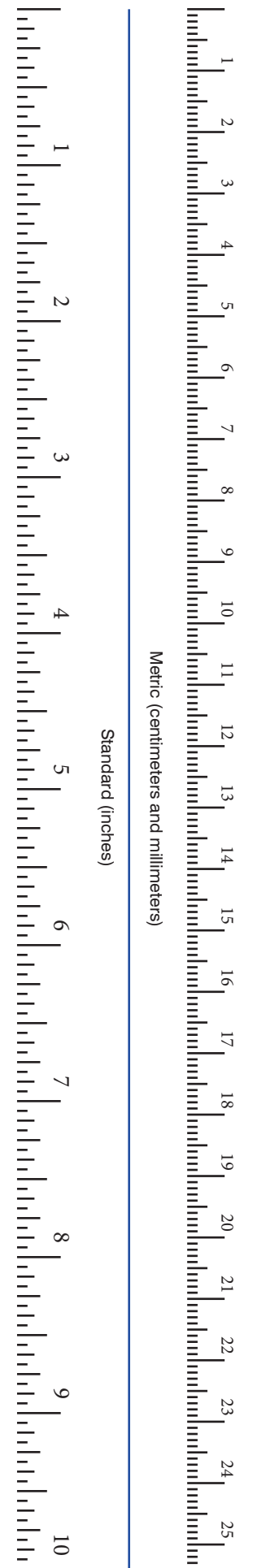


Conversion Table

Multiply	By	To Obtain
Millimeters	0.1	Centimeters
Millimeters	0.03937	Inches
Centimeters	0.3937	Inches
Centimeters	0.01	Meters
Centimeters	10	Millimeters
Inches	2.540	Centimeters
1/8" = 3.175 millimeters		
1/4" = 6.350 millimeters		
3/8" = 9.525 millimeters		
1/2" = 12.70 millimeters		
1" = 25.40 millimeters		

- 1 mm
- 2 mm
- 3 mm
- 4 mm
- 5 mm
- 6 mm
- 7 mm
- 8 mm
- 9 mm
- 10 mm
- 2 french
- 4 french
- 6 french
- 8 french
- 10 french
- 12 french
- 14 french
- 16 french
- 18 french
- 20 french
- 22 french

Conversion Table



**Metal Micro Instrument Tray**

Single level / includes pin mat and retainers

- 18-3519 10" x 10" x 1.5" (25.5 cm x 25.5 cm x 4 cm)
- 18-3510 10" x 15" x 1.5" (25.5 cm x 38 cm x 4 cm)

\* Instruments not included



18-3519



18-3510

**Metal Micro Instrument Tray**

Double level / includes pin mat and retainers / instruments not included

- 18-3505 10" x 10" x 3" (25.5 cm x 25.5 cm x 8 cm)
- 18-3515 10" x 15" x 3" (25.5 cm x 38 cm x 8 cm) short tray / full height

\* Instruments not included



18-3505



18-3515

**Metal Micro Instrument Tray**

Double level / includes pin mat and retainers

- 18-3520 10.5" x 15" x 2.5" (26.5 cm x 38 cm x 6.5 cm) long tray / half height
- 18-3525 10" x 19.5" x 2.5" (25.5 cm x 49.5 cm x 6.5 cm) short tray / full height
- 18-3530 10.5" x 19.5" x 2.5" (26.5 cm x 49.5 cm x 6.5 cm) long tray / half height

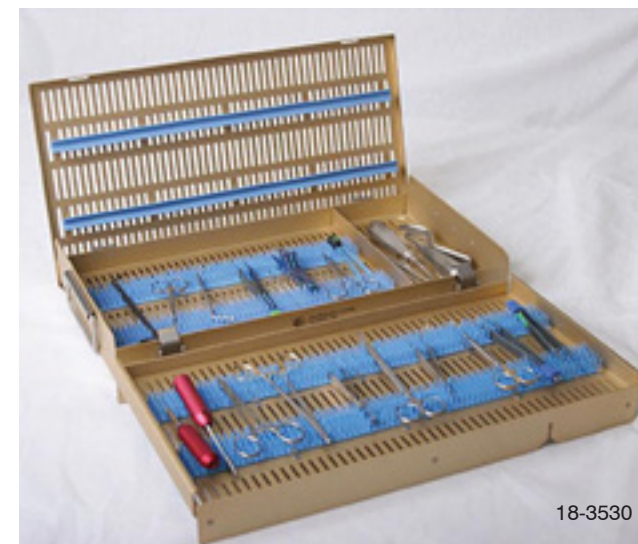
\* Instruments not included



18-3520



18-3525



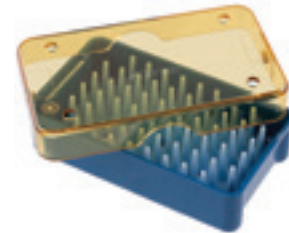
18-3530



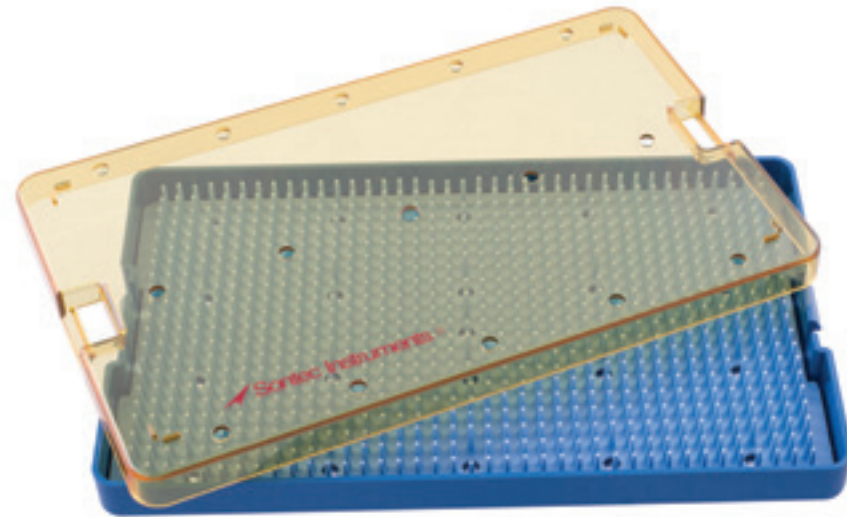
**Thermoplastic Instrument Tray**

With silicone mat / autoclavable

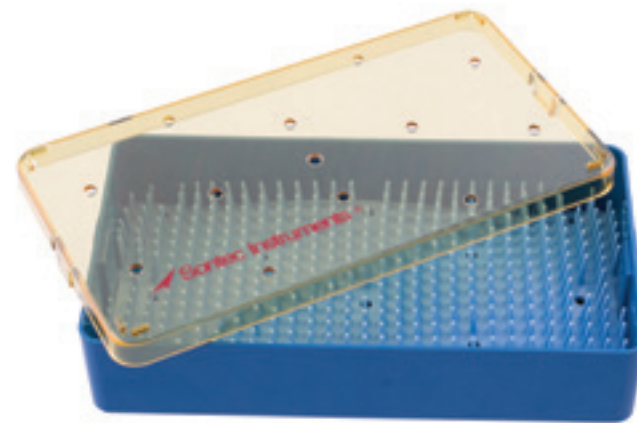
1103-702	single	6" x 2 1/2" x 3/4"
1103-703	single	1.5" x 2.7" x .75" mini tray
1103-705	single	6" x 4" x 3/4"
1103-723	single	7 1/2" x 4" x 3/4"
1103-710	single	10" x 6" x 3/4"
1103-702D	single	6" x 2 1/2" x 1 1/4" deep
1103-724	single	7 1/2" x 4" x 1 1/2" deep
1103-716	single	10" x 6" x 1 1/2" deep
1103-715	double decker	10" x 6" x 1 1/2"



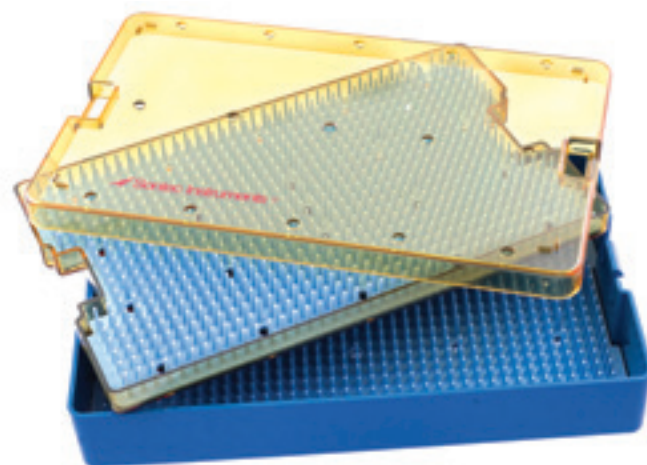
1103-703



1103-710



1103-724

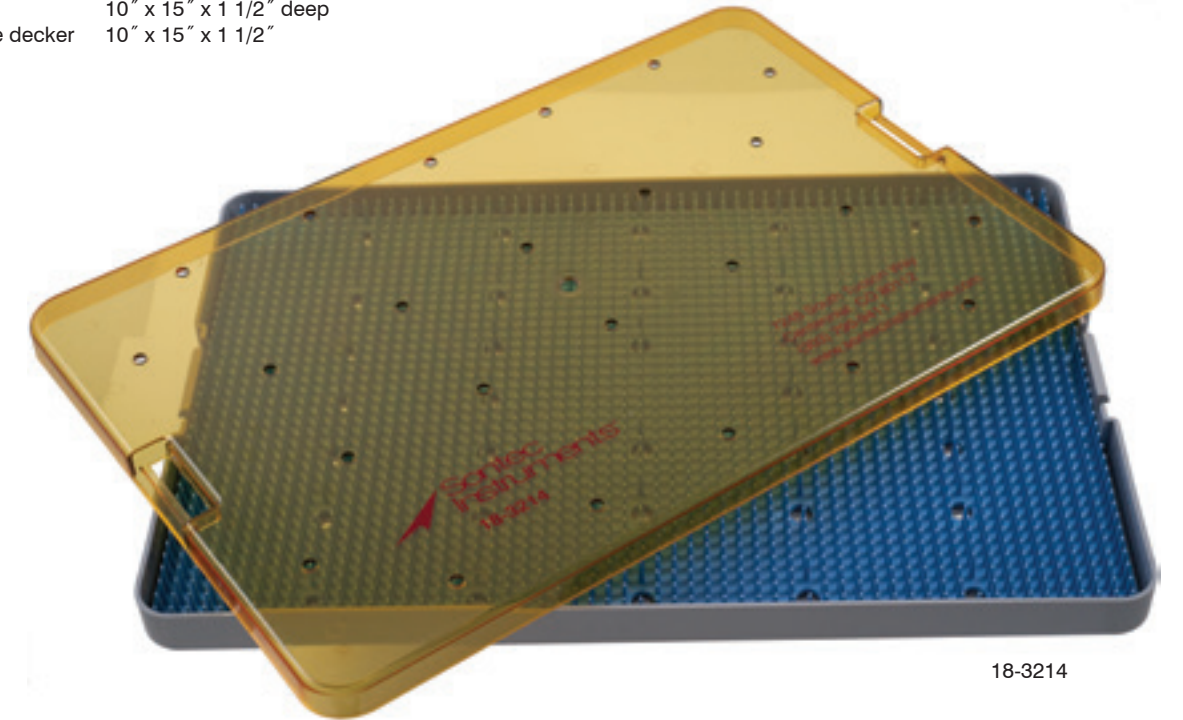


1103-715

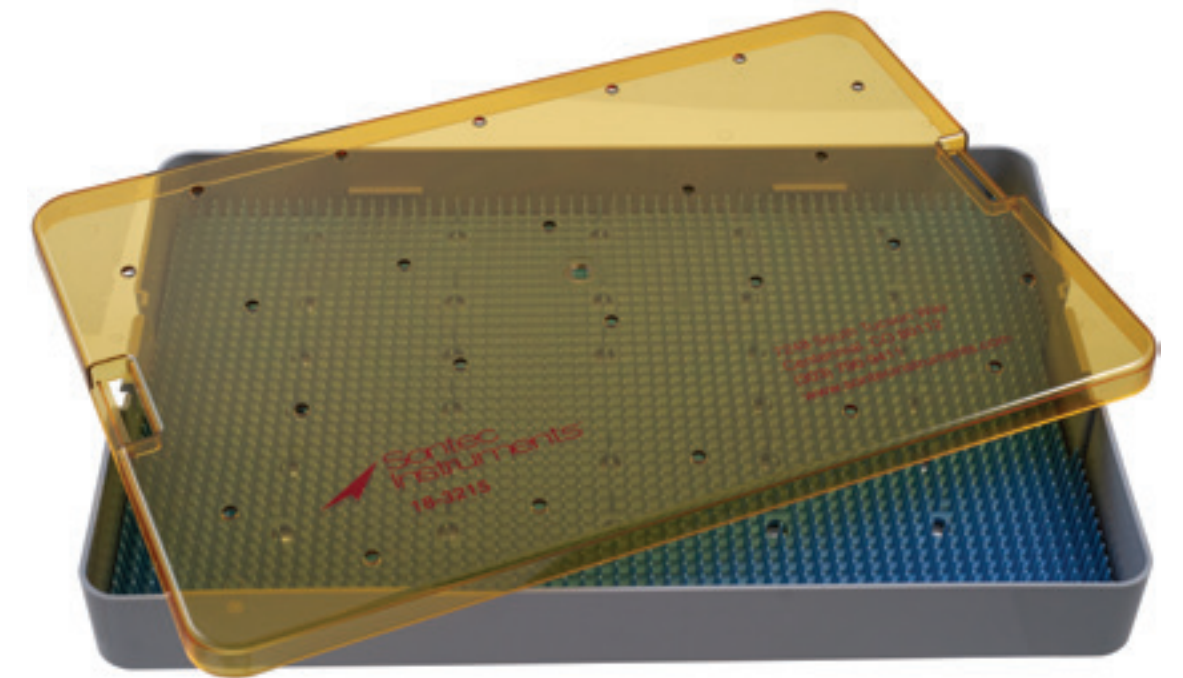
**Thermoplastic Instrument Tray**

With silicone mat / autoclavable

18-3214	single	10" x 15" x 3/4"
18-3215	single	10" x 15" x 1 1/2" deep
18-3213	double decker	10" x 15" x 1 1/2"



18-3214



18-3215

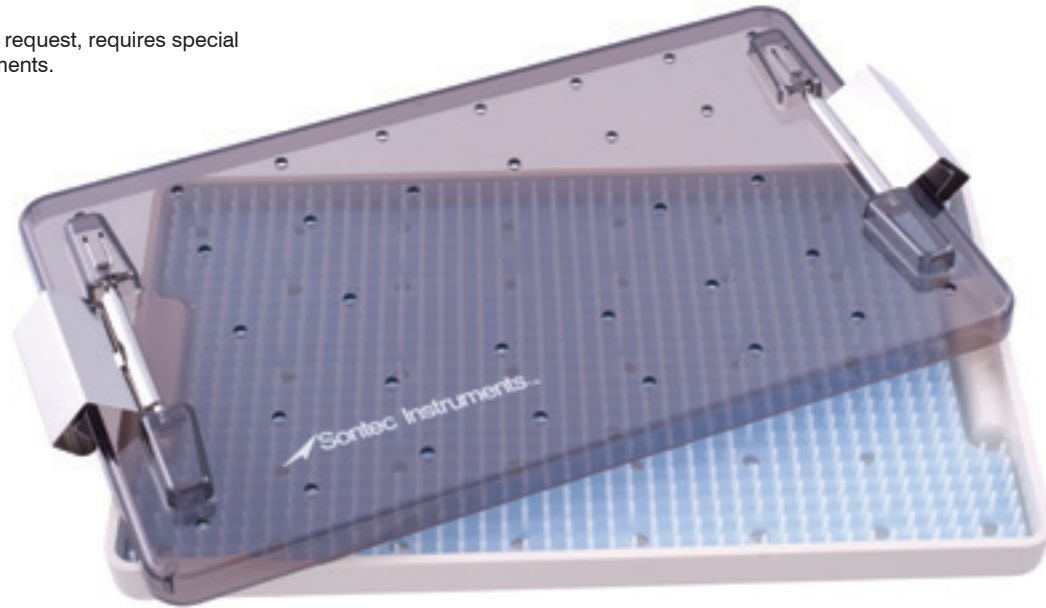


**Thermoplastic Instrument Trays**

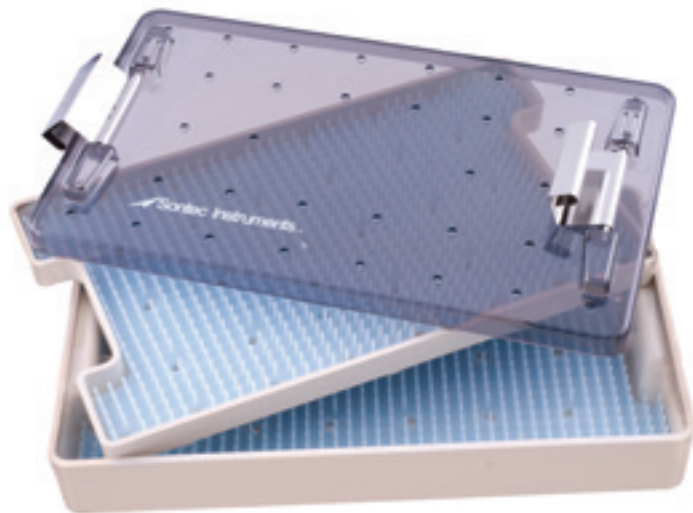
With silicone mat and metal clasps / autoclavable

- 1103-717 double decker 11" x 7" x 1 1/2"
- 1103-717D single deep 11" x 7" x 1 1/2"
- 1103-712 single shallow 11" x 7" x 3/4"

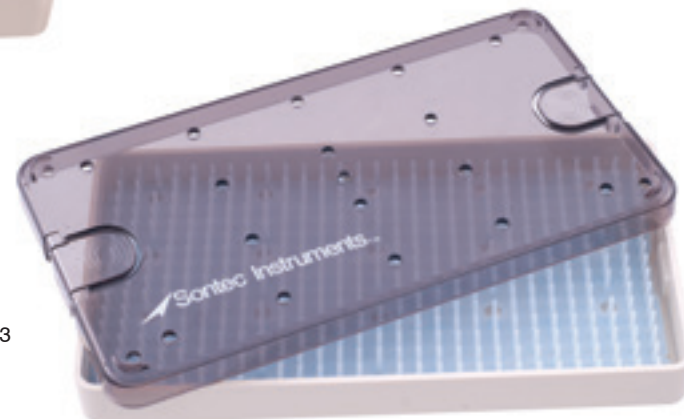
\* Other sizes available upon request, requires special order. Check your measurements.



1103-712



1103-717

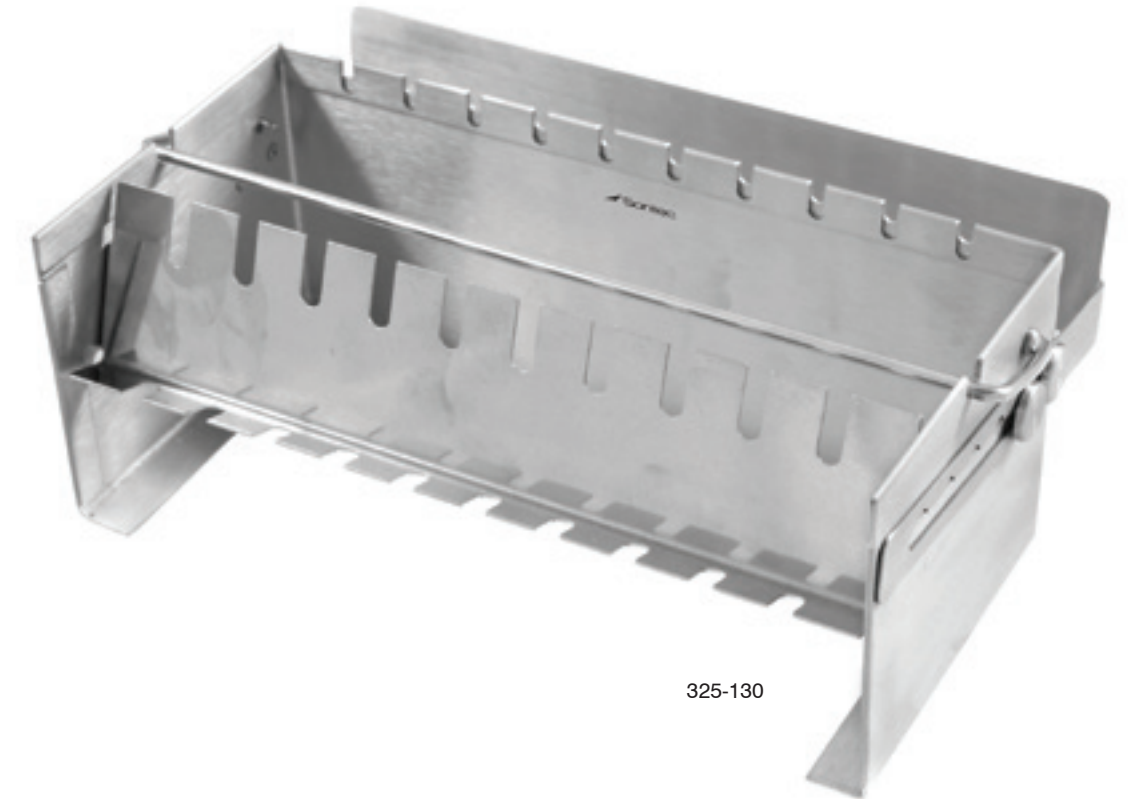


1103-723

**Alligator Sterilizing Rack**

3.5" x 3" x 7.5"

325-130

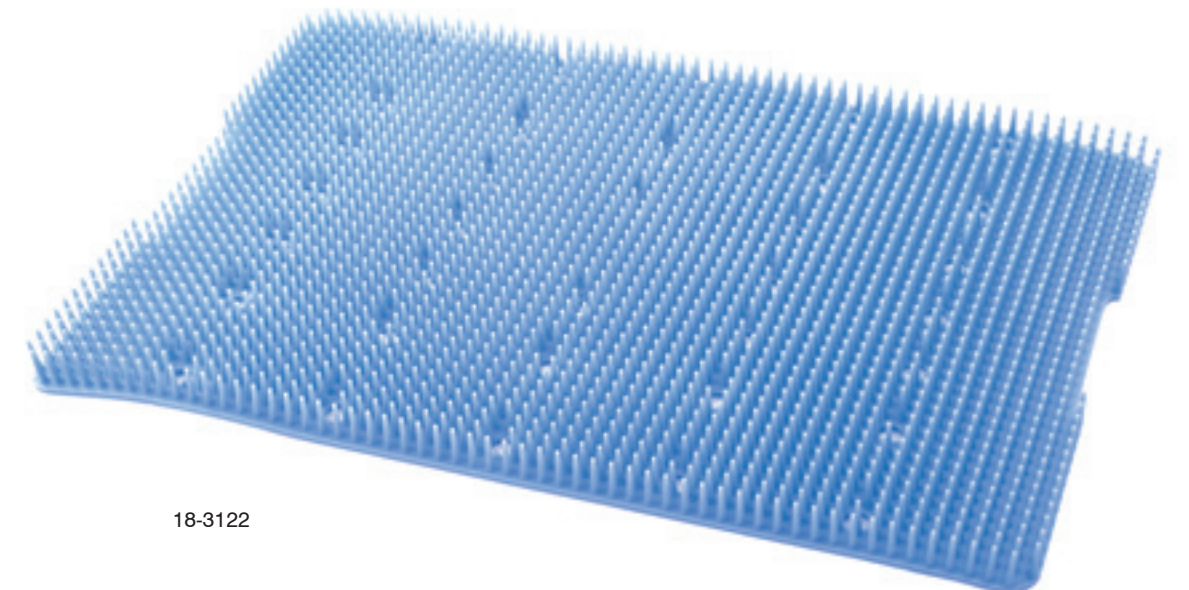


325-130

**Silicone Mat**

For instrument trays / cut to size / autoclavable

- 18-3120 18" x 13" (46 cm x 33 cm) with holes
- 18-3121 10" x 6" (25.5 cm x 15 cm)
- 18-3122 10" x 15" (25.5 cm x 38 cm)
- 18-3123 14" x 19" (35.5 cm x 48.5 cm)

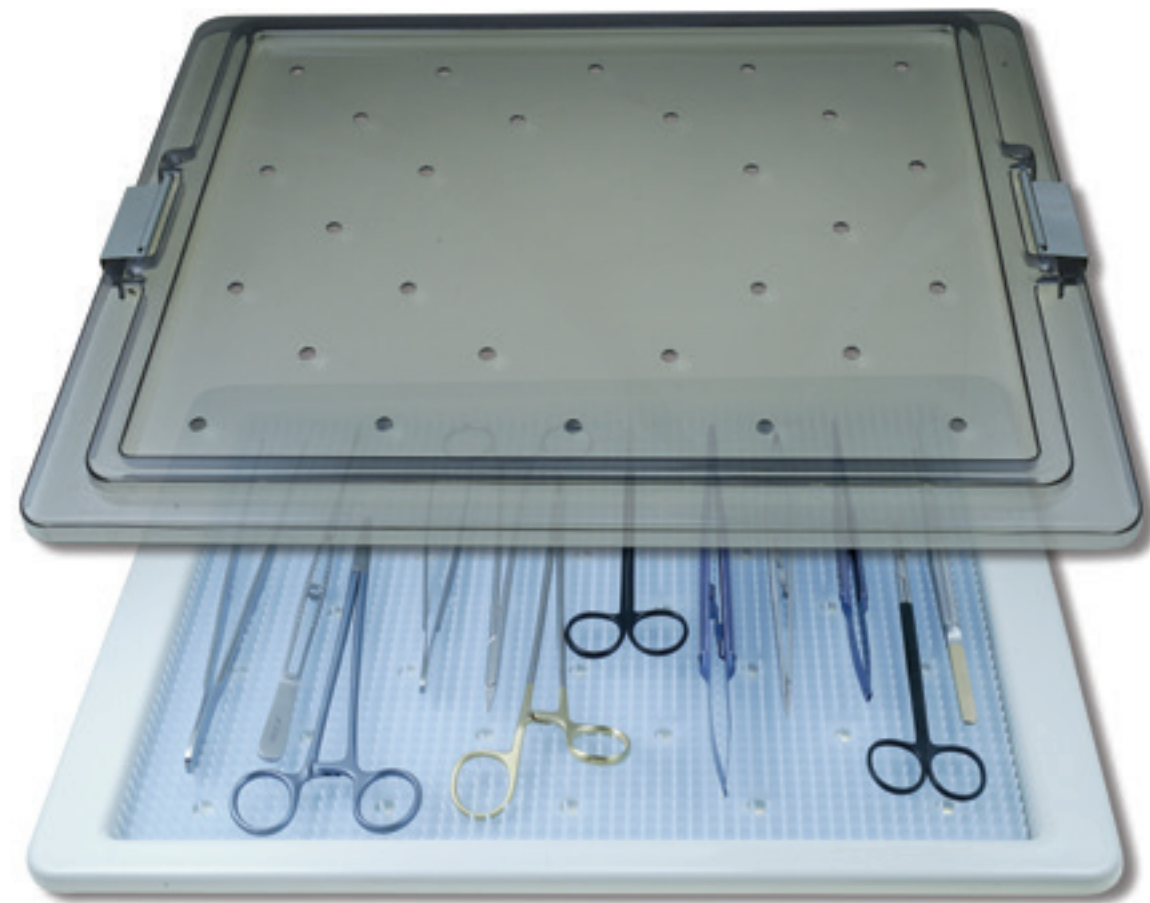


18-3122

**Sontec Slim Thermo Plastic Instrument Tray**

18-3232 shallow with mat 11" x 14 1/2" x 3/4" (28 cm x 35 cm x 2 cm)

\* "Check Your Measurements", These items are FINAL SALE



18-3232

**Sontec Slim Thermo Plastic Instrument Tray**

18-3123	silicone mat	14" x 19"
18-3209	tray	10.3" x 18.3" x 2.33
18-3226	tray	8 1/4" x 17.3" x .62
18-3235	tray	13 1/4" x 8" x 2"
18-3240	tray	12 1/4" x 7 1/4" x 4"
18-3245	tray	17.3" x 7 1/2" x 4"
18-3270	tray	18.3" x 8.35" x 2"

\* "Check Your Measurements", These items are FINAL SALE



18-3209



18-3240



18-3226



18-3245



18-3235



18-3270



**Catheter Tray**

Heavy duty / seamless

**Dome Cover**

For catheter trays / strap handles / easy to handle

ST83 8 3/4" x 3 1/4" x 1 1/2"  
ST83-2 cover: fits tray ST83

ST17-0-0 17 1/4" x 4 1/2" x 2"  
ST17-0-2 cover: fits tray ST170

ST95-2 8 7/8" x 5" x 2"  
ST95-3 8 7/8" x 5" x 3"  
ST95-2D-2 cover: fits trays ST952, ST953



\* "Check Your Measurements", These items are FINAL SALE

**Sterilization Tray / Bath Set**

Used for hot or cold sterilization

**Solid Flat Cover**

For Sterilization Trays / recessed strap handles / easy to handle / easy to store / safe to transport

STE2-0124 solid 20 3/4" x 12 3/4" x 4"  
STP2-0122 perforated 20 3/4" x 12 3/4" x 2 1/2"  
STE2-0126 solid 20 3/4" x 12 3/4" x 6"  
STP2-0124 perforated 20 3/4" x 12 3/4" x 4"  
ST20-00-2 cover: fits trays STE20124, STP20122, STE20126, STP20124

STE1-2104 solid 12 3/4" x 10 3/8" x 4"  
STP1-2102 perforated 12 3/4" x 10 3/8" x 2 1/2"  
STP1-2104 perforated 12 3/4" x 10 3/8" x 4"  
ST13-11-2 cover: fits trays STE1-2104, STP1-2102, STP1-2104



**Metal Instrument Tray**

Heavy duty / seamless / covered corners / easy to sterilize

**Solid Flat Cover**

For instrument trays / recessed strap handles / easy to handle / easy to store

ST43 5 3/8" x 4" x 2 5/8"  
ST43-2 cover: fits tray ST43

ST63 6 1/8" x 6 1/8" x 2 7/8"  
ST63-2 cover: fits tray ST63

ST95-3 8 7/8" x 5" x 3"  
ST95-2 8 7/8" x 5" x 2"  
ST95-2-2 cover: fits trays ST952 & ST953

ST10-02 10" x 6 1/2" x 2"  
ST10-02-2 cover: fits tray ST1002

ST12-02 12 1/4" x 7 3/4" x 2 1/4"  
ST12-02-2 cover: fits tray ST1202

STE1-082 10" x 8 1/4" x 2 1/2"  
STE10-82-2 cover: fits trays STE1082

STE1-654 16 1/2" x 10" x 4"  
STE1-650 16 1/2" x 10" x 2 1/2"  
ST16-50-2 cover: fits trays STE1650, STE1654

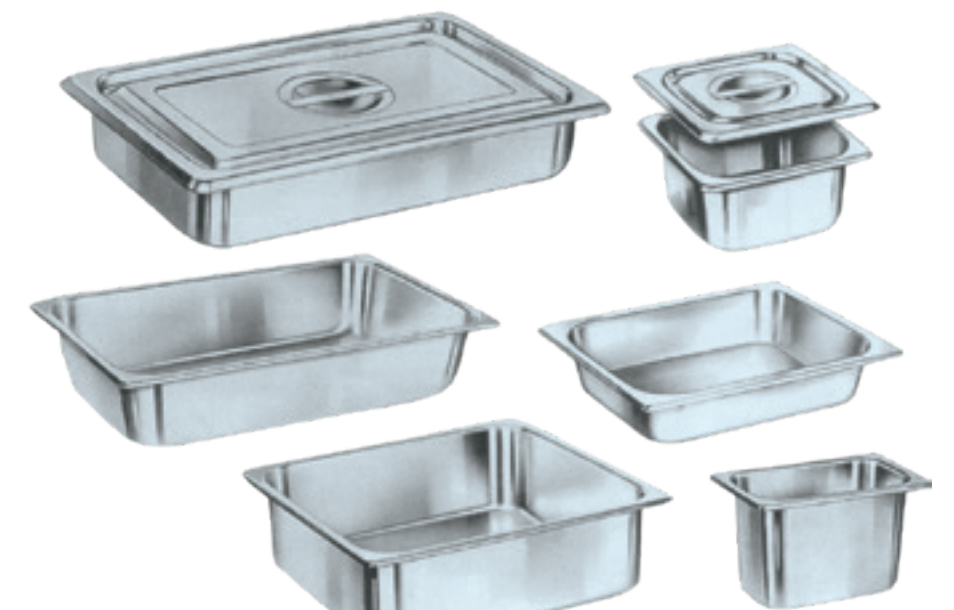
STE9-02 6 7/8" x 4 1/4" x 2"

STE2-304 13 7/8" x 12 7/8" x 4"  
STE2-302 13 7/8" x 12 7/8" x 2 1/2"

STE0-6066 6 7/8" x 6 3/8" x 6"  
STE0-6064 6 7/8" x 6 3/8" x 4"  
STE0-6062 6 7/8" x 6 3/8" x 2 1/2"  
ST60-2-2 cover: fits trays STE06062, STE06064, STE06066

STE1-0066 10 3/8" x 6 3/8" x 6"  
STE1-0064 10 3/8" x 6 3/8" x 4"  
STE1-0062 10 3/8" x 6 3/8" x 2 1/2"  
ST40-2-2 cover: fits trays STE10062, STE10064, STE10066

\* "Check Your Measurements", These items are FINAL SALE



**Solid Flat Cover**

**For instrument trays / standard weight / 22 gauge**

STE1-2066 12 3/4" x 6 7/8" x 6"  
 STE1-2064 12 3/4" x 6 7/8" x 4"  
 STE1-2062 12 3/4" x 6 7/8" x 2 1/2"

**Heavy weight / 20 gauge**

STS1-2066 12 3/4" x 6 7/8" x 6"  
 STS1-2064 12 3/4" x 6 7/8" x 4"  
 STS1-2062 12 3/4" x 6 7/8" x 2 1/2"  
 ST30-2-2 cover: fits trays STE1-2062,  
 STE1-2064, STE1-2066,  
 STS1-2062, STS1-2064,  
 STS1-2066

**Standard weight / 22 gauge**

STE1-2106 12 3/4" x 10 3/8" x 6"  
 STE1-2104 12 3/4" x 10 3/8" x 4"  
 STE1-2102 12 3/4" x 10 3/8" x 2 1/2"

**Heavy weight / 20 gauge**

STS1-2106 12 3/4" x 10 3/8" x 6"  
 STS1-2104 12 3/4" x 10 3/8" x 4"  
 STS1-2102 12 3/4" x 10 3/8" x 2 1/2"  
 ST13-11-2 cover: fits trays STE1-2102,  
 STE1-2104, STE1-2106,  
 STS1-2102, STS1-2104,  
 STS1-2106

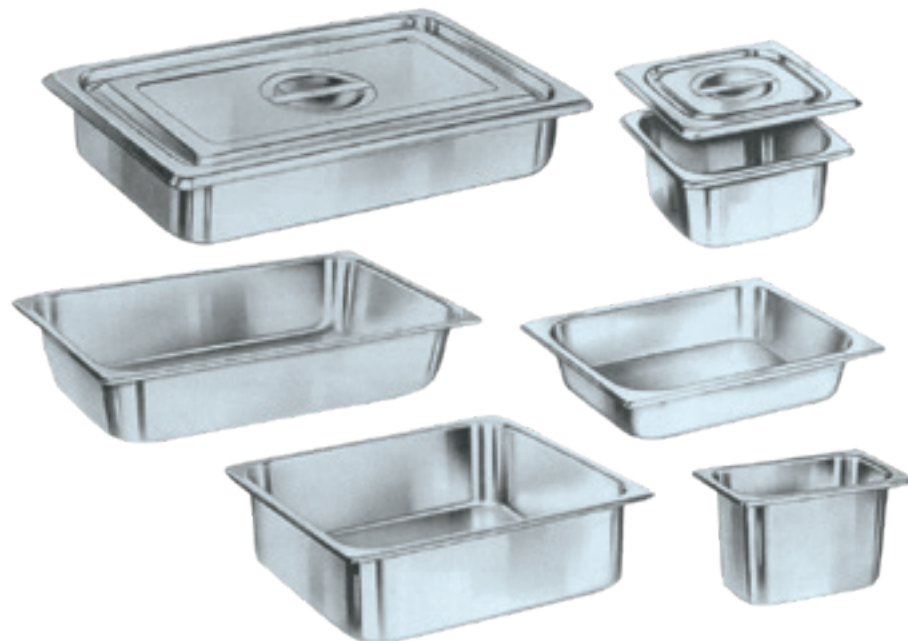
**Standard weight / 22 gauge**

STE2-0126 20 3/4" x 12 3/4" x 6"  
 STE2-0124 20 3/4" x 12 3/4" x 4"  
 STE2-0122 20 3/4" x 12 3/4" x 2 1/2"

**Heavy weight / 20 gauge**

STS2-0126 20 3/4" x 12 3/4" x 6"  
 STS2-0124 20 3/4" x 12 3/4" x 4"  
 STS2-0122 20 3/4" x 12 3/4" x 2 1/2"  
 ST20-00-2 cover: fits trays STE2-0122,  
 STE2-0124, STE2-0126,  
 STE2-0122, STE2-0124,  
 STE2-0126

\* "Check Your Measurements", These items are FINAL SALE



**Emesis Basin**

ST6 10 oz.  
 ST8 12 oz.  
 ST10 26 oz.  
 ST12 50 oz.



**Instrument Tray**

**Rolled edge**

ST10-F 10" x 6 1/2" x 3/4"  
 ST13-F 13 1/2" x 9 3/4" x 3/4"  
 ST15-20 21 1/4" x 16 1/4" x 7/8"  
 ST15-F 15 1/8" x 10 5/8" x 3/4"  
 ST17-F 17" x 11 5/8" x 3/4"  
 ST19-F 19 1/8" x 12 5/8" x 3/4"



**Perforated Mayo Tray**

ST10-F-PMT	10" x 6 1/2" x 3/4"
ST15-20-PM	21 1/4" x 16 1/4" x 7/8"
ST15-F-PMT	15 1/8" x 10 5/8" x 3/4"
ST17-F-PMT	17" x 11 5/8" x 3/4"
ST19-F-PMT	19 1/8" x 12 5/8" x 3/4"



**Non-Perforated Mayo Tray**

ST3-926	10" x 6 1/2" x 3/4"
ST3-927	14" x 10" x 5/8"
ST3-929	17" x 11 5/8" x 3/4"
ST3-930	19 1/8" x 12 5/8" x 3/4"



**Iodine Cup**

ST6G	6 oz.	3 7/16" x 2"
ST14-G	14 oz.	4 3/8" x 2 5/8"

\* "Check Your Measurements",  
These items are FINAL SALE



**Medicine Cup**

ST2	2 oz.
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**Sponge Bowl**

Flat bottom / straight sides /  
extra stable

- ST10-7 64 oz. 7 9/16" x 3"
- ST14-8 48 oz. 7 1/8" x 2 3/4"
- ST10-6 36 oz. 6 1/4" x 2 3/4"
- ST10-0 30 oz. 5 9/16" x 2 9/16"
- ST75 20 oz. 5" x 2 3/8"
- ST52 14 oz. 4 1/4" x 2"

\* "Check Your Measurements",  
These items are FINAL SALE



**Dressing Jar**

With cover / cover  
included with jar

- ST2J 2 quart
- ST3J 3 quart
- ST4J 4 3/4 quart
- ST6J 6 quart
- ST8J 8 quart



**Forceps Jar**

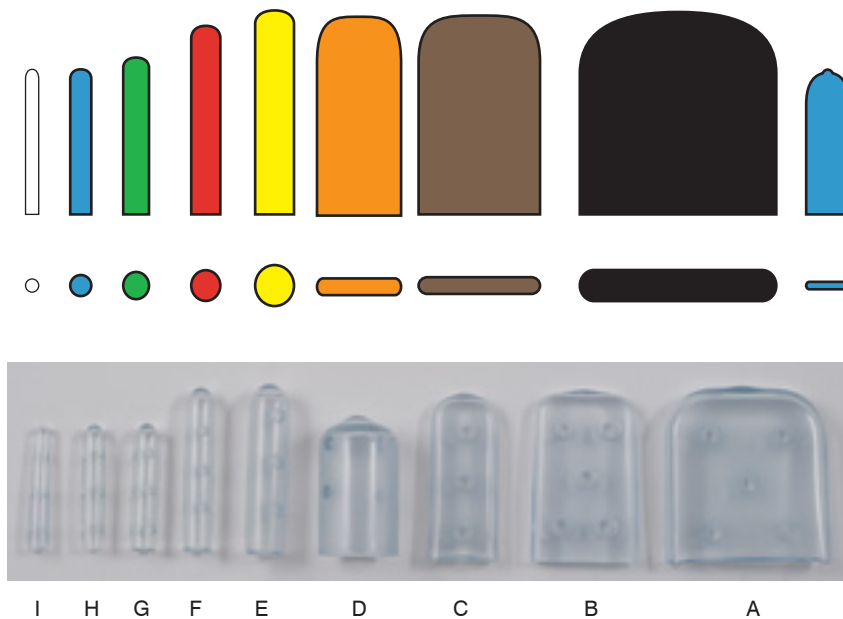
- ST14-K 1 x 4"
- ST32-K 2 1/4 x 4 1/2"
- ST72-K 2 1/4 x 7"



**Tip Cover**

For surgical instrument tip protection / economical & long-lasting / prevents damaging tips and edges / steam-permeable / autoclavable / conveniently color coded / soft vinyl construction, no latex / for a wide variety of instruments, including: scissors, forceps, curettes, drills, and retractors

\* See colors online  
 \* Larger sizes available. Please call for details.  
 \* Individual styles, packaged 100 per bag



**Individual styles, packaged 100 per bag**

	Color	Solid #	Tinted #
A	White	105-730	105-782
B	Blue	105-732	105-783
C	Green	105-734	105-784
D	Red	105-736	105-785
E	Yellow	105-738	105-786
G	Orange	105-742	105-787
H	Brown	105-744	105-789
I	Black	105-746	105-790
J	Blue	105-764	N/A

**Individual styles, packaged 100 per bag**

	Size	Item #
A	1.6 mm x 19 mm	105-791
B	2 mm x 19 mm	105-792
C	2.8 mm x 19 mm	105-793
D	3 mm x 25 mm x 25 mm	105-794
E	3.2 mm x 25.4 mm	105-7951
F	5 mm x 25 mm	105-796
G	10 mm x 19 mm	105-797
H	2 mm x 9 mm x 25 mm	105-798
I	2 mm x 16 mm x 25 mm	105-799
	Assorted Sizes	105-791A

**Available Assortments**

	Solid #	Tinted #	Description
Large Assorted	105-748	105-780	Bag of 100, Equal parts A -J
Small Assorted	105-750	105-781	Bag of 100, Equal parts A - E, G, J

**Sontec® Sheet Tape**

For surgical instrument identification / color-codes instruments with pre-cut strips / each 8 1/2" x 11" sheet contains: 44 strips, 2" long x 1/4" wide / 220 strips, 1" long x 1/4" wide (total: 264 strips, 374" of tape)

\* See colors online  
 \* PLEASE NOTE: Sontec® Sheet Tape is not recommended for use with cold sterilization fluids.  
 \* Size and color of tapes may vary slightly from actual products



	105-610 White		105-581 Plum		105-640 Fuchsia
	105-612 Kelly Green		105-540 Blue/Green		105-642 Medical Blue
	105-614 Red		105-541 Blue/Red		105-644 Emerald Green
	105-616 Yellow		105-542 Yellow/Blue		105-646 Violet
	105-618 Orange		105-543 Yellow/Green		105-660 Fuchsia
	105-620 Gray		105-544 Yellow/Red		105-662 Medical Blue
	105-622 Lavender		105-686 Purple/Black		105-664 Emerald Green
	105-624 Beige		105-688 Orange/Black		105-666 Violet
	105-626 Light Blue		105-690 Blue/Black		105-590 Smiley Face, Yellow/Black
	105-628 Lime Green		105-692 Rubine/Black		105-600 Red Hearts on White
	105-630 Pink		105-694 Yellow/Black		105-602 White Hearts on Red
	105-632 Plum		105-696 Green/Black		105-670 Fuchsia*
	105-570 Royal Blue		105-720 Lime Green		105-672 Medical Blue*
	105-571 Kelly Green		105-722 Gray		105-674 Emerald Green*
	105-572 Red		105-723 Beige		105-676 Violet*
	105-573 Yellow		105-724 Light Blue	* Each color sheet contains numbers 0 - 8	
	105-574 Orange		105-725 Pink		105-550 Red/White/Blue
	105-575 Brown		105-726 Plum		105-551 Red/White/Black
	105-576 Black		105-727 Lavender		105-552 Red/Yellow/Black
	105-577 Lavender		105-650 Fuchsia		105-553 Red/Black/Green
	105-578 Light Blue		105-652 Medical Blue	Above Styles: 3/8" wide, 245" total tape	
	105-579 Lime Green		105-654 Emerald Green		
	105-580 Pink		105-656 Violet		










**Medi-Mark™ Tape**

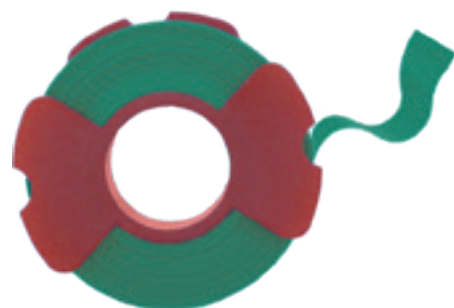
Surgical instrument color coding system / fast and efficient identification system / available in 9 solid colors / one spool codes an average of 230 instruments / clinically proven safe in conventional, flash and gas sterilization / bonds to itself / lasts many months

\* PLEASE NOTE: Medi-Mark™ Tape is not recommended for use with cold sterilization fluids.  
\* See colors online

**Application of Medi-Mark™ Tape**

1. Instrument and hands must be clean and dry.
2. Cut Medi-Mark™ Tape with scissors. DO NOT STRETCH!
3. Overlap Medi-Mark™ Tape once.
4. Replace Medi-Mark™ Tape when color changes, before it becomes brittle.
5. Avoid placing Medi-Mark™ Tape on the shank of scissors.

	105-700 Green
	105-702 Yellow
	105-704 Blue
	105-706 Red
	105-708 Brown
	105-710 White
	105-712 Orange
	105-714 Black
	105-716 Purple



**Whisk 'R Brush™**

For general purpose cleaning / two bristle lengths & a sure-grip handle / available sterile & non-sterile / convenient & economical / simple to use on various shapes and surfaces / for a wide variety of instruments, including: burs, drill points, rasps, and rongeurs / easily removes bone fragments and soft tissue

- 9B-010 12 sterile brushes
- 9B-025 25 non-sterile brushes
- 9B-020 100 non-sterile brushes



### Endozime AW Triple Plus®

- Multi-tiered enzymatic cleaner
- specifically designed for all washers, washer sterilizers, ultrasonics and manual cleaning
- proprietary synergistic mixture of enzymes and non-ionic detergents
- Protease, Amylase, Lipase, Carbohydrase and other proprietary enzymes
- dissolves all blood, fat, protein, carbohydrates and starches
- built in detergent eliminating the need for all other cleaners and detergents
- compatible with all washers, washer sterilizers and ultrasonics
- strong enough for the most difficult instruments but safe on the most delicate

345A-P16 16 oz  
345A-PAG1 1 gal



### Surgistain®

- Rust and stain remover
- removes rust, pitting, stains and corrosion from stainless steel instruments
- restores instrument's original finish
- restores articulation to box-locks and joints
- prevents destructive pitting on ridges of micro instruments
- non-corrosive; will not harm quality stainless steel

345B-16 16 oz  
345B-G1 1 gal



### Premixslip®

- instrument lubricant and rust inhibitor
- the only bacteriostatic pre-mixed instrument lubricant and rust inhibitor
- clinically tested to be thoroughly steam penetrable, steam sterilizable and ETO sterilizable
- prevents rust, spots, stains and corrosion
- non-oily, non-sticky, non-toxic and silicone free
- bacteriostatic high-grade mineral oil lubricant

345P-MX16 16 oz  
345P-MXG1 1 gal



### Prepzyme®

- multi-tiered enzymatic foam spray
- prevents bio-film from adhering to surface prior to decontamination
- foaming spray covers soiled instruments, scopes and biopsy forceps
- breaks down blood, fat, carbohydrates and starches immediately
- perfect for use in departments where instruments & scope cleaning is not readily available
- safe for all instruments and scopes (flexible or rigid), extends usable lifetime
- neutral PH, non-abrasive, free-rinsing and 100% biodegradable
- will not harm any metals, plastic, rubber, glass or corrugated tubing

345P-RP08 8 oz (with sprayer)  
345P-RP22 22 oz (with sprayer)



### F\*A\*C\*T\*S®

- foaming autoclave cleaning treatment system
- removes all rust, pitting, stains and corrosion from walls of autoclaves and from stainless steel carts and trays
- removes scale, alkaline and mineral deposits
- foaming spray remains on walls longer for better penetration
- eliminates all noxious odors
- restores original finish to all autoclaves, carts and trays
- non-corrosive; will not harm quality stainless steel

345F-CT22 22oz (with sprayer)  
345F-CT1G 1 gal



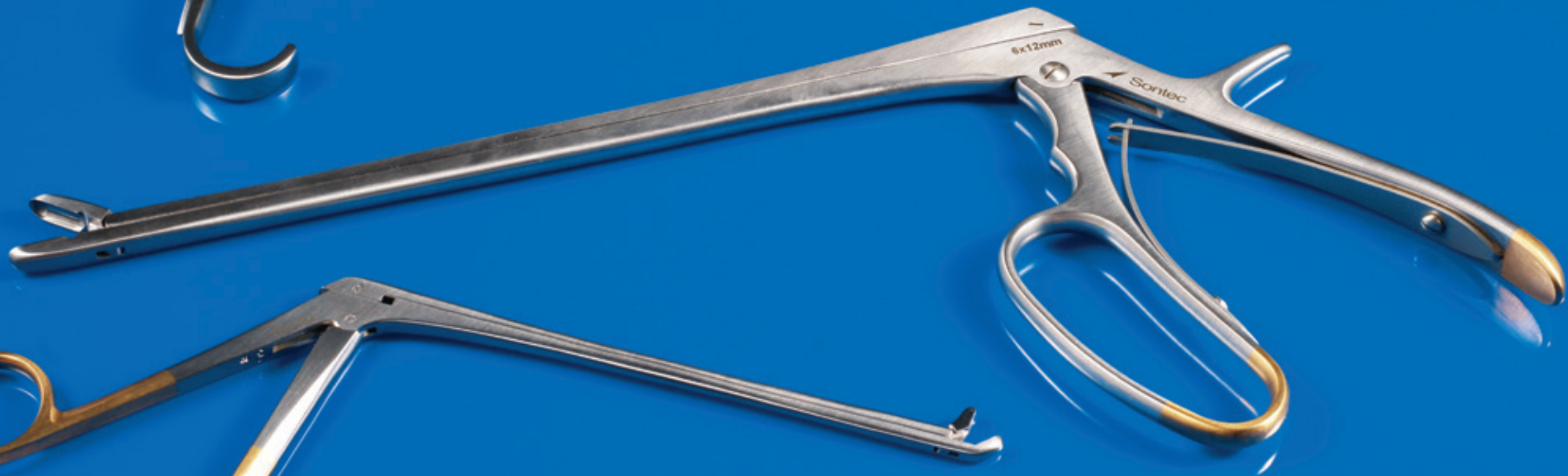
### INSTRU-BIN

- for large instruments
- for soaking and safely transporting soiled instruments without messy spills
- durable snap-down lid and transparent walls
- light-weight and sturdy with integrated handles for easy lifting and carrying
- multi-purpose, reusable, high quality
- includes mesh blanket

3451-B







 Sontec Instruments®

Rongeurs

**Ferris-Smith Arthroscopic Rongeur**

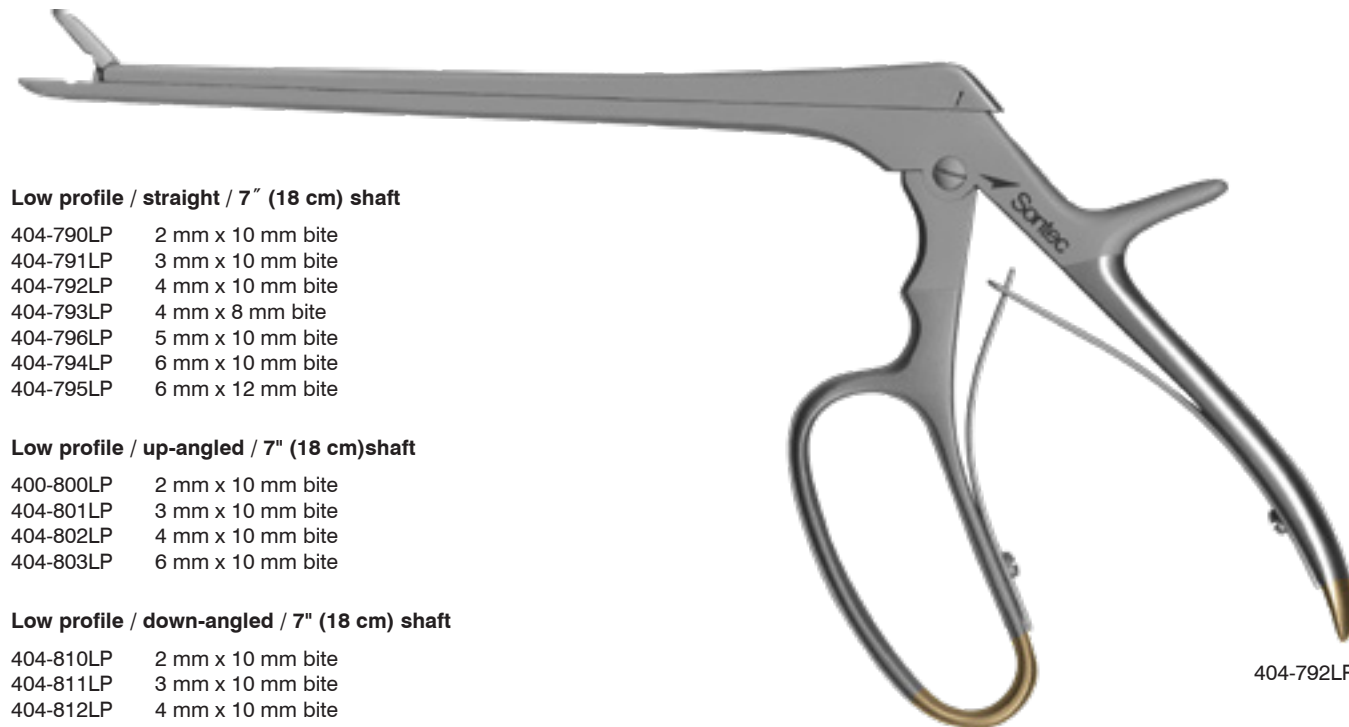
4 mm x 6 mm square jaw / 7" (18 cm) shaft

404-814



404-814

**Ferris-Smith Arthroscopic Rongeur**



404-792LP

**Low profile / straight / 7" (18 cm) shaft**

- 404-790LP 2 mm x 10 mm bite
- 404-791LP 3 mm x 10 mm bite
- 404-792LP 4 mm x 10 mm bite
- 404-793LP 4 mm x 8 mm bite
- 404-796LP 5 mm x 10 mm bite
- 404-794LP 6 mm x 10 mm bite
- 404-795LP 6 mm x 12 mm bite

**Low profile / up-angled / 7" (18 cm) shaft**

- 400-800LP 2 mm x 10 mm bite
- 404-801LP 3 mm x 10 mm bite
- 404-802LP 4 mm x 10 mm bite
- 404-803LP 6 mm x 10 mm bite

**Low profile / down-angled / 7" (18 cm) shaft**

- 404-810LP 2 mm x 10 mm bite
- 404-811LP 3 mm x 10 mm bite
- 404-812LP 4 mm x 10 mm bite

**Ferris-Smith Arthroscopic Rongeur**

**Straight / 7" (18 cm) shaft**

- 404-790 2 mm x 10 mm bite
- 404-791 3 mm x 10 mm bite
- 404-792 4 mm x 10 mm bite
- 404-792B 4 mm x 10 mm bite Ceramitec
- 404-793 4 mm x 8 mm bite
- 404-792S 4 mm x 10 mm bite serrated
- 404-796 5 mm x 10 mm bite
- 404-794 6 mm x 10 mm bite
- 404-795 6 mm x 12 mm bite

**Straight/ 8" (20.5 cm) shaft / special order**

- 404-825 2 mm x 10 mm bite
- 404-826 3 mm x 10 mm bite
- 404-827 4 mm x 10 mm bite
- 404-828 5 mm x 10 mm bite
- 404-829 6 mm x 10 mm bite

**Straight/ 9" (23 cm) shaft**

- 404-7929 4 mm x 10 mm bite
- 404-7959 6 mm x 12 mm bite

**Up-angled / 7" (18 cm) shaft**

- 404-800 2 mm x 10 mm bite
- 404-801 3 mm x 10 mm bite
- 404-802 4 mm x 10 mm bite
- 404-802S 4 mm x 10 mm bite serrated
- 404-803 6 mm x 10 mm bite

**Up-angled/ 8" (20.5) shaft / special order**

- 404-830 2 mm x 10 mm bite
- 404-831 3 mm x 10 mm bite
- 404-832 4 mm x 10 mm bite
- 404-833 5 mm x 10 mm bite
- 404-834 6 mm x 10 mm bite

\*special order

**Down-angled / 7" (18 cm) shaft**

- 404-810 2 mm x 10 mm bite
- 404-811 3 mm x 10 mm bite
- 404-812 4 mm x 10 mm bite

**Down-angled / 8" (20.5 cm) shaft / special order**

- 404-835 2 mm x 10 mm bite
- 404-836 3 mm x 10 mm bite
- 404-837 4 mm x 10 mm bite
- 404-838 5 mm x 10 mm bite
- 404-839 6 mm x 10 mm bite

\*special order

- 2 mm x 10 mm
- 3 mm x 10 mm
- 4 mm x 8 mm
- 4 mm x 10 mm
- 6 mm x 10 mm
- 6 mm x 12 mm



404-792



404-792B



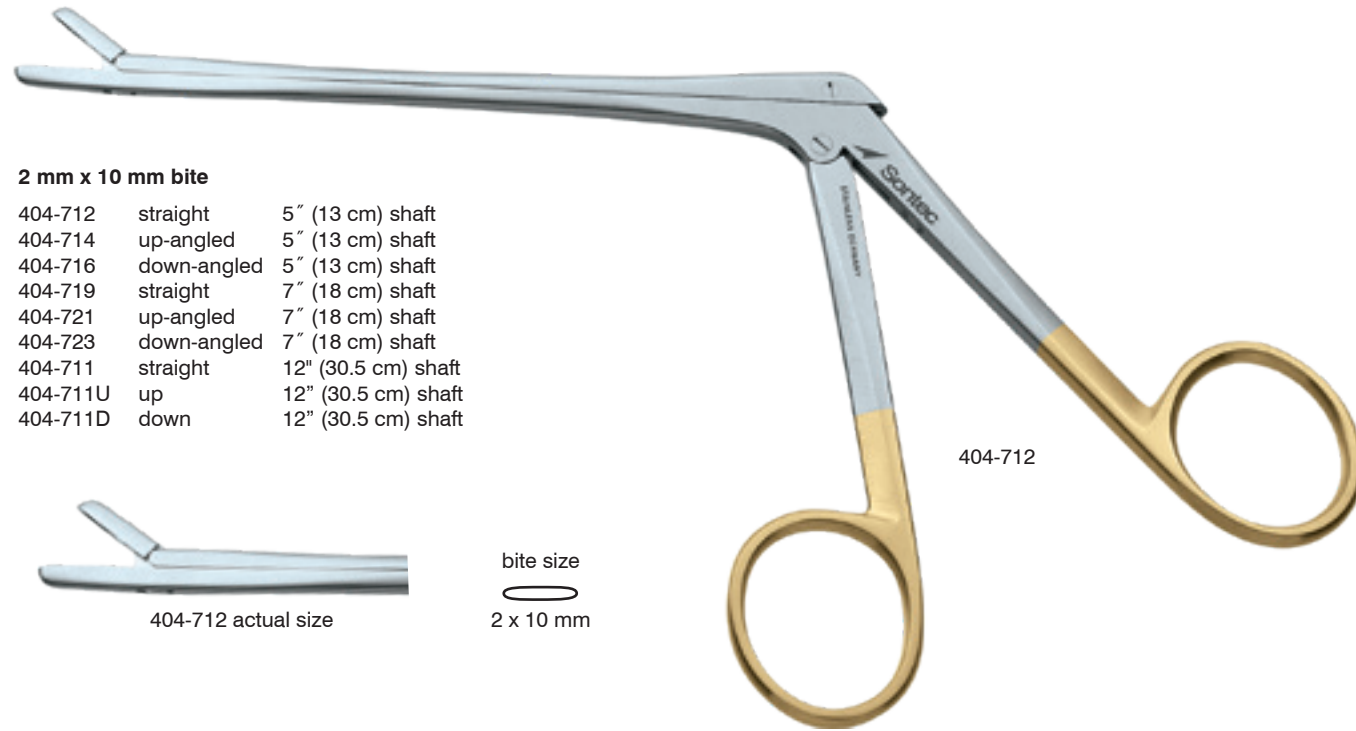
404-792

404-802S

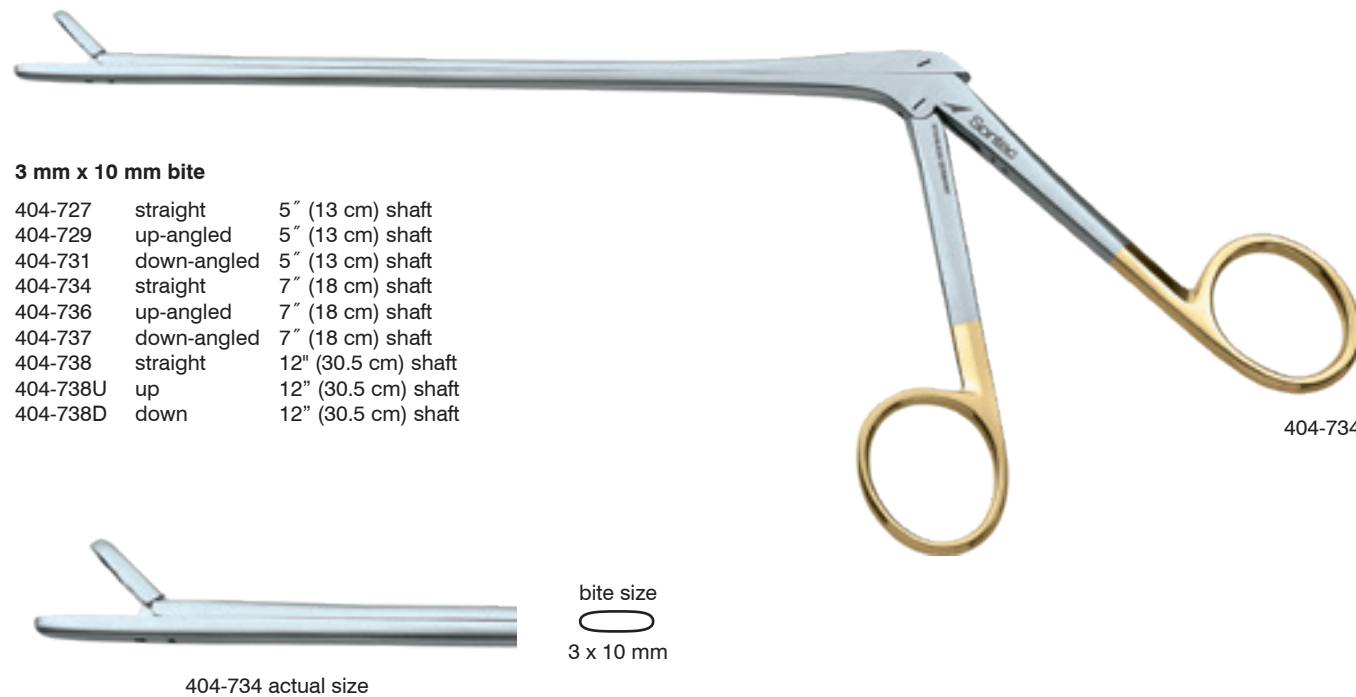
404-792S



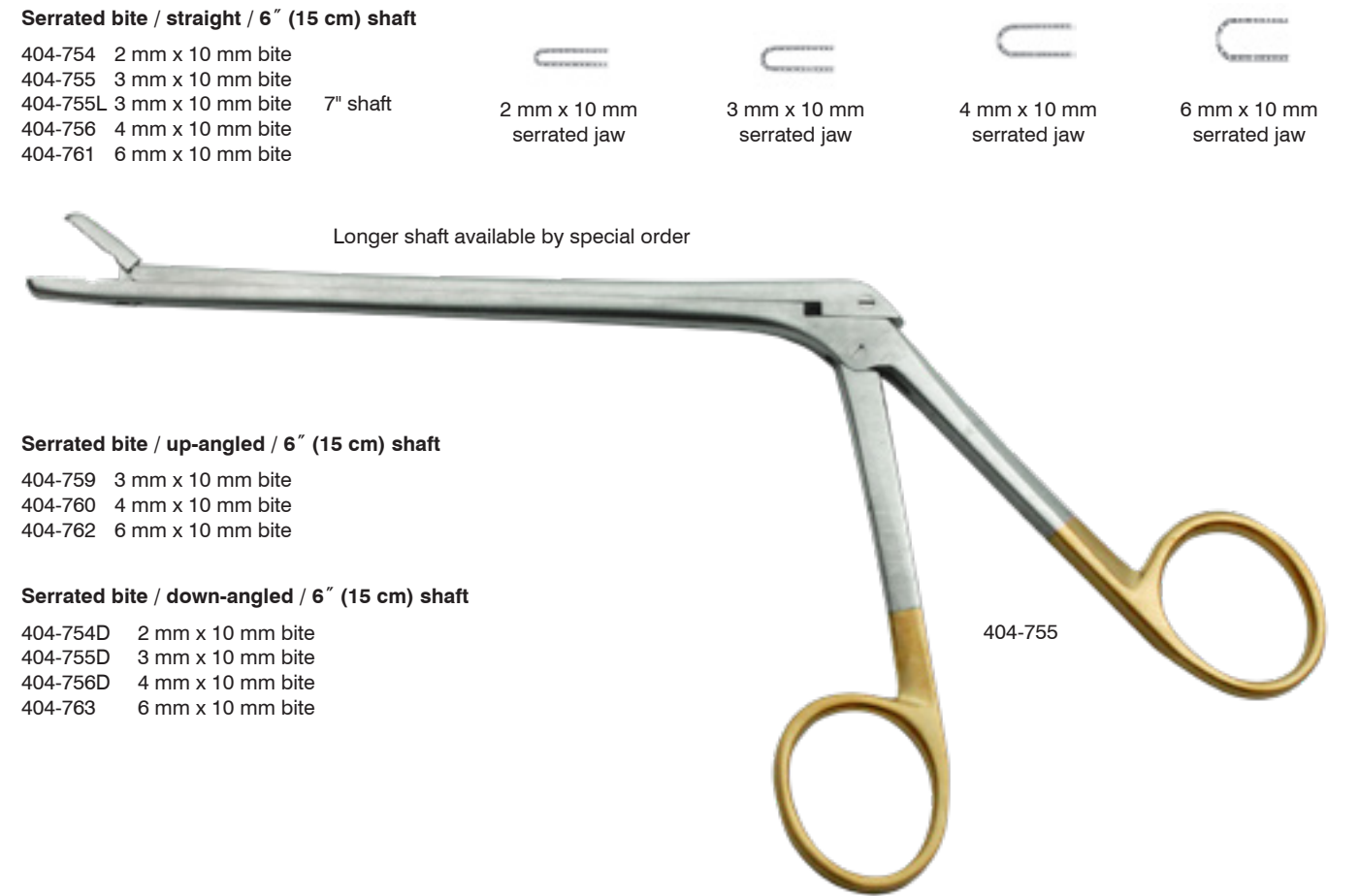
**Cushing Pituitary Rongeur**



**Love-Gruenwald Pituitary Rongeur**



**Schlesinger (Cloward) Rongeur**



**Spurling Pituitary Rongeur**



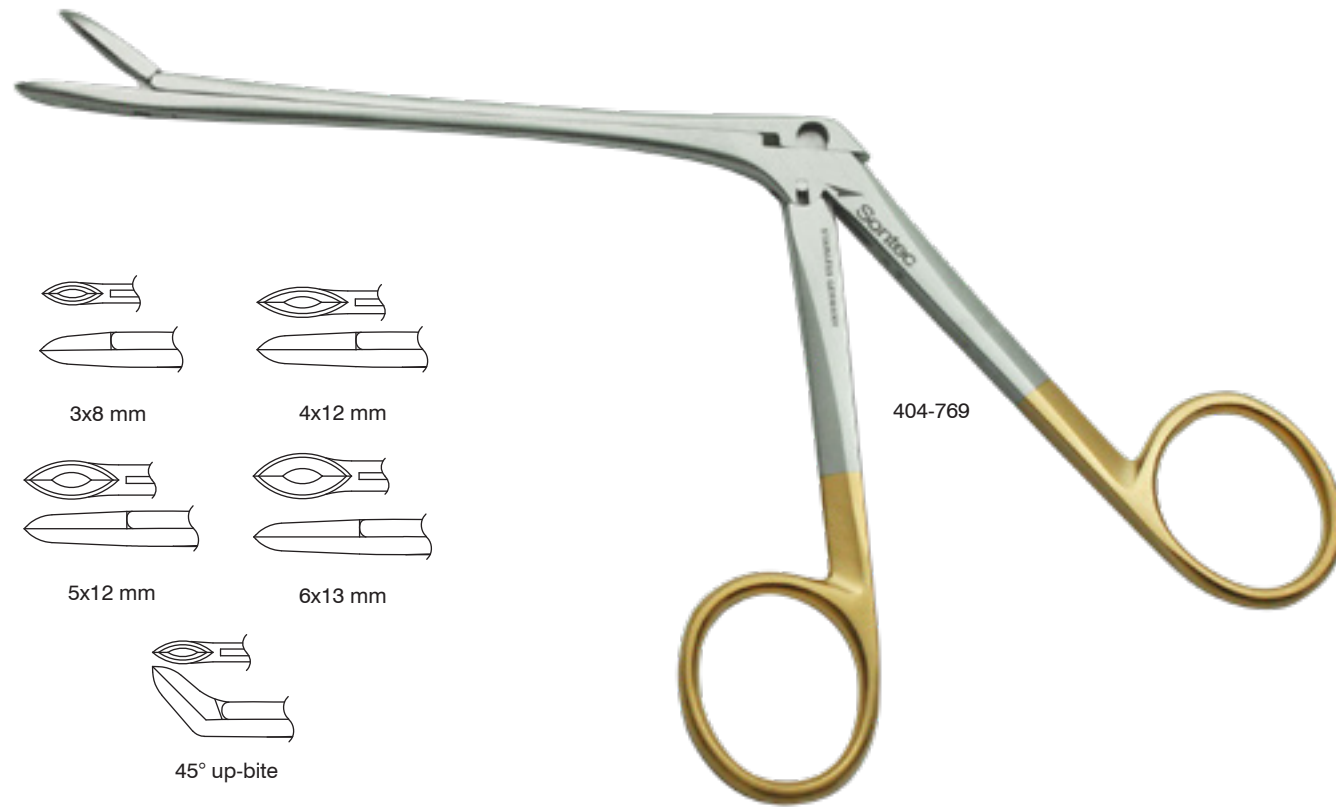
**Wilde-Blakesley Rongeur**

Pointed elliptical fenestrated jaw / 4 1/2" (11.5 cm) shaft

- 404-767 3 x 8 mm jaw
- 404-768 4 x 12 mm jaw
- 404-769 5 x 12.5 mm jaw
- 404-770 6 x 13 mm jaw

Pointed elliptical fenestrated jaw / 45° / 4 1/2" (11.5 cm) shaft

- 404-766 3 x 8 mm jaw
- 404-771 4 x 12 mm jaw
- 404-772 5 x 12.5 mm jaw



**Wilde Ethmoid Arthroscopic Rongeur**

Fenestrated jaw / 7" (17.8 cm) shaft / 2.5 mm

- 404-774 straight
- 404-775 up-bite
- 404-776 down-bite



**McIlwraith Arthroscopic Scissors Rongeur**

Scissor action / serrated / 1 mm x 14 mm cup / 5" (12.5 cm) shaft

1404-855





**Silverstone Peapod Rongeur**

Straight / 2 mm x 5 mm jaw / 6" (15.5 cm) shaft  
404-789



404-789



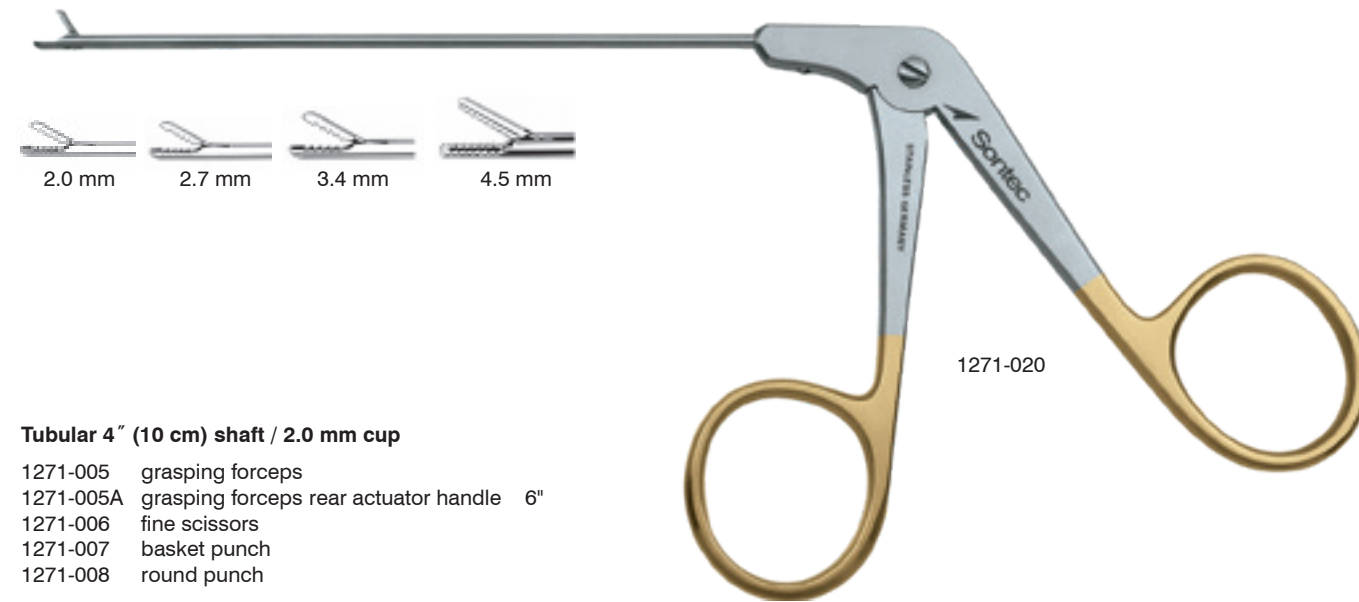
1271-041

**Arthroscopic, Forceps, Biopsy & Grasping Rongeur Forceps**

**Biopsy grasper forceps / tubular shaft / serrated bite**

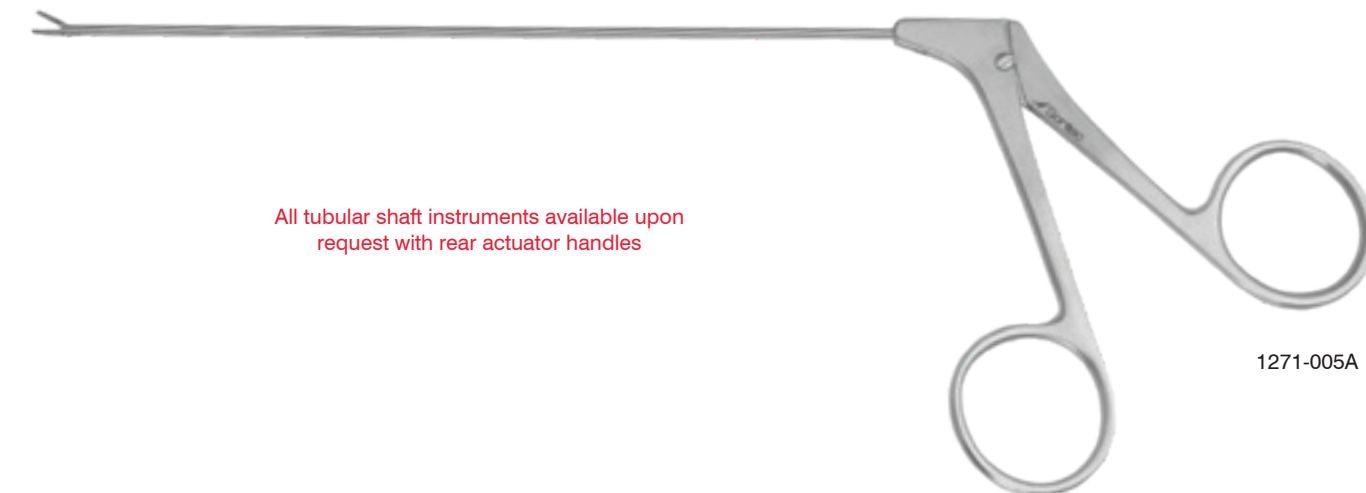
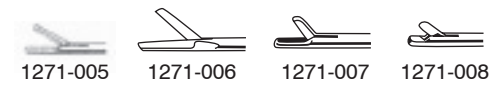
- 1271-020 2.0 mm cup 4" (10 cm) shaft
- 1271-016 2.7 mm cup 4" (10 cm) shaft
- 1271-018 3.4 mm cup 4" (10 cm) shaft
- 1271-021 2.0 mm cup 6" (15.5 cm) shaft
- 1271-021A 2.0 mm cup 6" (15.5 cm) shaft rear actuator hand

\* Available in 4.5 mm, please ask for details



**Tubular 4" (10 cm) shaft / 2.0 mm cup**

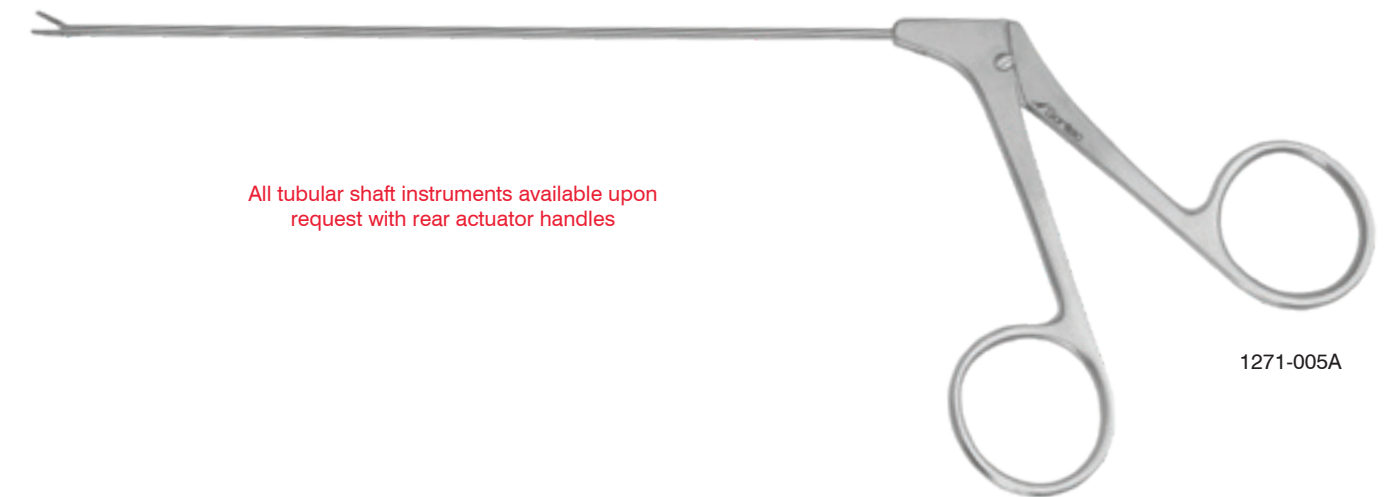
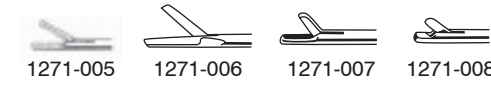
- 1271-005 grasping forceps
- 1271-005A grasping forceps rear actuator handle 6"
- 1271-006 fine scissors
- 1271-007 basket punch
- 1271-008 round punch



**Mini Arthro Small Joints Rongeur Set**

**Tubular 4" (15 cm) shaft / 2.0 mm jaws**

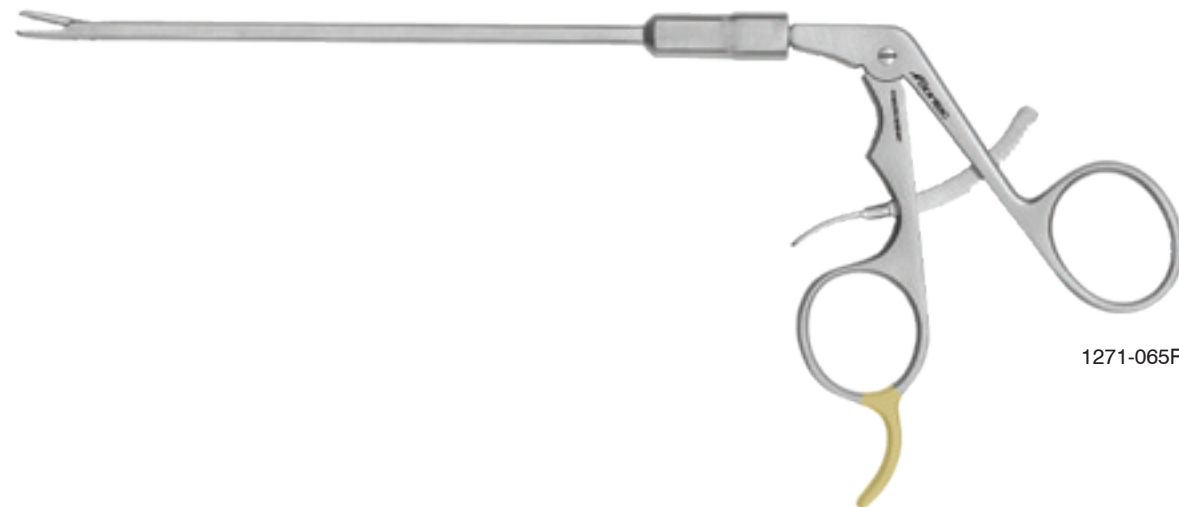
- 1271-005 grasping forceps
- 1271-005A grasping forceps rear actuator handle 6"
- 1271-006 fine scissors
- 1271-007 basket punch
- 1271-008 round cup biopsy



**Arthroscopic Grasping Forceps**

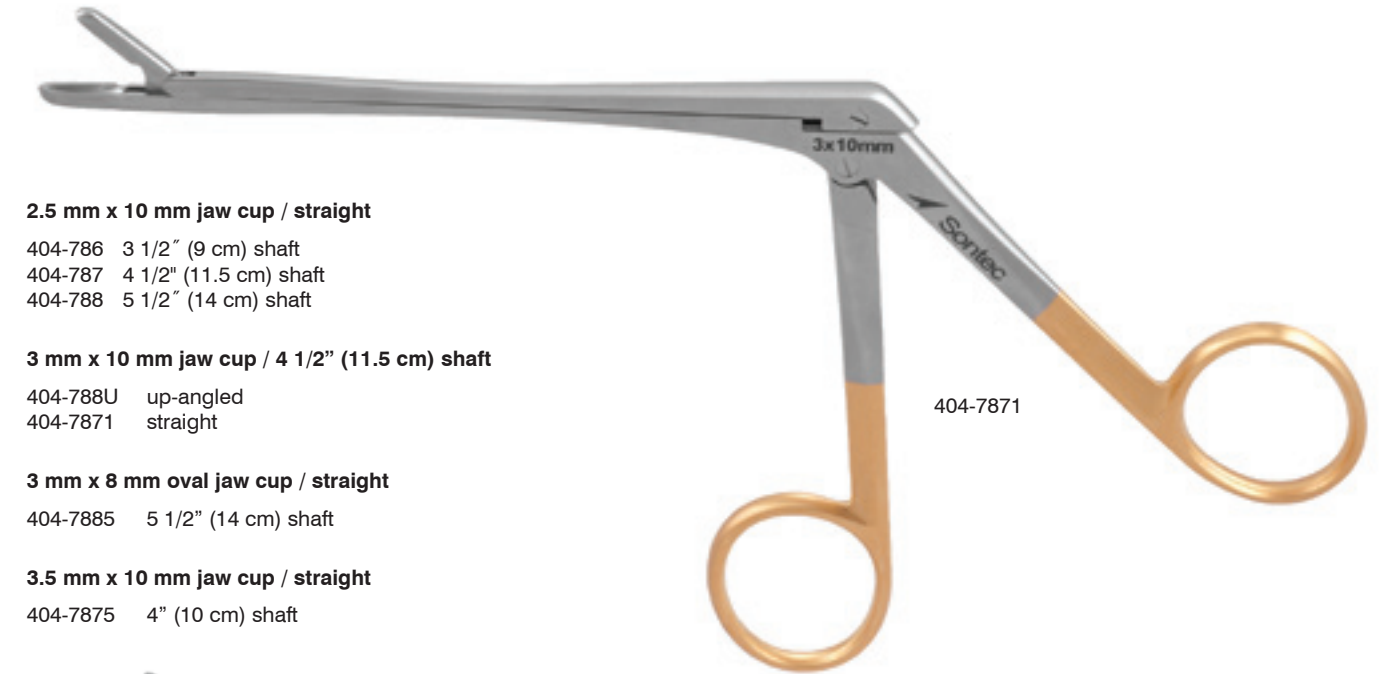
Overload cone / available with or without ratchet /  
5 3/4" (14.5 cm) shaft

<b>Grasping Forcep</b>								
	2.7 mm		1271-060	1271-061	1271-062	1271-063	1271-064	1271-085
	3.4 mm		1271-065	1271-066	1271-067	1271-068	1271-069	1271-086
	4.5 mm		1271-070	1271-071	1271-072	1271-073	1271-074	1271-087
	3.4 mm / 1x2 tth		1271-610	1271-611	1271-612	1271-613	1271-614	1271-615
	4.5 mm / 1x2 tth		1271-620	1271-621	1271-622	1271-623	1271-624	1271-625
<b>Grasping Forcep with ratchet</b>								
	2.7 mm		1271-060R	1271-061R	1271-062R	1271-063R	1271-064R	1271-085R
	3.4 mm		1271-065R	1271-066R	1271-067R	1271-068R	1271-069R	1271-086R
	4.5 mm		1271-070R	1271-071R	1271-072R	1271-073R	1271-074R	1271-087R
	3.4 mm / 1x2 tth		1271-640	1271-641	1271-642	1271-643	1271-644	1271-645
	4.5 mm / 1x2 tth		1271-650	1271-651	1271-652	1271-653	1271-654	1271-655
<b>Biopsy &amp; Grasping Forceps</b>								
	2.7 mm		1271-090	1271-091	1271-092	1271-093	1271-094	1271-095
	3.4 mm		1271-101	1271-102	1271-103	1271-104	1271-105	1271-106
	4.5 mm		1271-107	1271-108	1271-109	1271-110	1271-111	1271-112



1271-065R

**Takahashi Rongeur**



**2.5 mm x 10 mm jaw cup / straight**

- 404-786 3 1/2" (9 cm) shaft
- 404-787 4 1/2" (11.5 cm) shaft
- 404-788 5 1/2" (14 cm) shaft

**3 mm x 10 mm jaw cup / 4 1/2" (11.5 cm) shaft**

- 404-788U up-angled
- 404-7871 straight

**3 mm x 8 mm oval jaw cup / straight**

- 404-7885 5 1/2" (14 cm) shaft

**3.5 mm x 10 mm jaw cup / straight**

- 404-7875 4" (10 cm) shaft



404-788U



404-7875

**McIlwraith-Peapod Rongeur**

Longer shaft available by special order

**Straight / 5 1/2" (14 cm) shaft**

404-782 2.2 mm x 6 mm jaw cup

**Up-angled / 5 1/2" (14 cm) shaft**

404-783 2.2 mm x 6 mm jaw cup small  
 404-784 3 mm x 6 mm jaw cup medium  
 404-785 4 mm x 6 mm jaw cup large



404-783

**Williams-Sontec Rongeur**

For arthroscopy & dissection / very sharp / 2 mm x 5 mm jaw / 1 x 2 teeth / 5 1/2" (14 cm) shaft

404-824



actual size



404-824

**McIlwraith Cup Rongeur**

**Round cup / straight / 7" (18 cm) shaft**

1404-845A 2 mm cup  
 1404-845B 4 mm cup  
 1404-845D 6 mm cup

**Round cup / up-angled / 7" (18 cm) shaft**

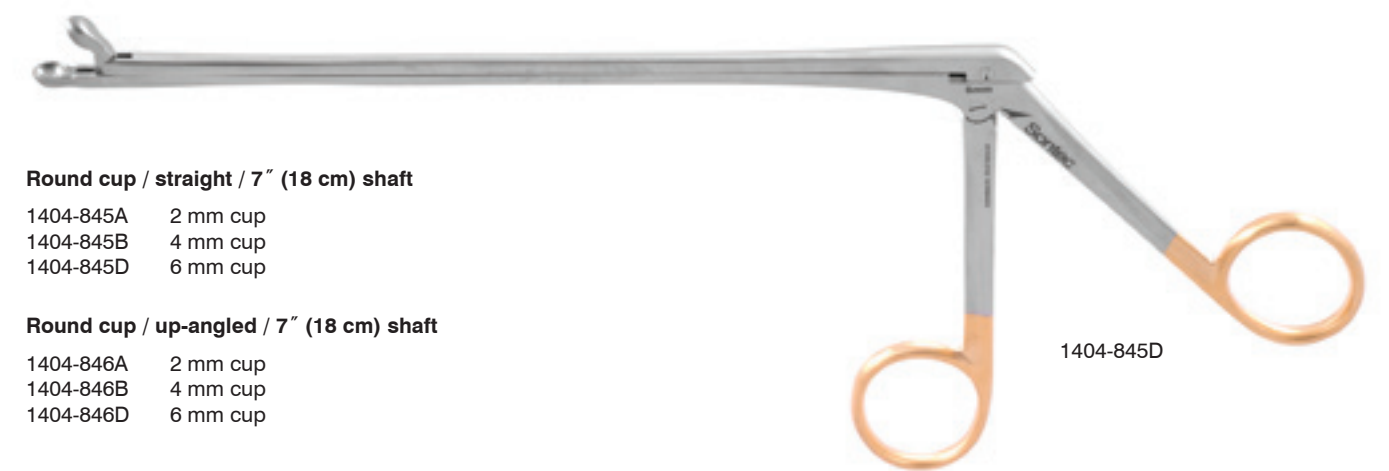
1404-846A 2 mm cup  
 1404-846B 4 mm cup  
 1404-846D 6 mm cup



1404-846D



1404-845A



1404-845D

**McIlwraith Basket Cutter Rongeur**

5" (12.5 cm)

1404-857 2.5 mm x 8 mm jaw  
 1404-858 3.5 mm x 8 mm jaw



actual size

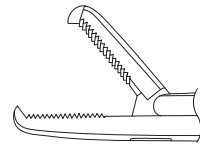


1404-857

**McIlwraith Arthroscopic Grasping Rongeur**

Heavy duty / 1 x 2 teeth / 6 1/2" (16.5 cm) shaft

- 1404-860 4 mm x 10 mm jaw
- 1404-865 3.4 mm x 10 mm standard
- 1404-861 3 mm x 10 mm jaw delicate



1404-860



1404-861

1404-860

**Caspar Grasping Rongeur**

Straight / 5 1/2" (14 cm) shaft

- 53-0510 2 mm x 12 mm jaw
- 53-0512 3 mm x 12 mm jaw
- 53-0514 4 mm x 14 mm jaw
- 53-0516 5 mm x 14 mm jaw
- 53-0518 6 mm x 16 mm jaw

Straight / 6 1/4" (16 cm) shaft

- 53-0520 2 mm x 12 mm jaw
- 53-0522 3 mm x 12 mm jaw
- 53-0524 4 mm x 14 mm jaw
- 53-0526 5 mm x 14 mm jaw
- 53-0528 6 mm x 16 mm jaw

Straight / 7 1/4" (18.5 cm)

- 53-0530 2 mm x 12 mm jaw
- 53-0532 3 mm x 12 mm jaw
- 53-0534 4 mm x 14 mm jaw
- 53-0536 5 mm x 14 mm jaw
- 53-0538 6 mm x 16 mm jaw

Straight / custom instrument / fenestrated / 6 mm x 16 mm jaw / 9" (23 cm) shaft

53-0539

Up-angled / 5 1/2" (14 cm) shaft

- 53-0542 3 mm x 12 mm jaw
- 53-0544 4 mm x 14 mm jaw
- 53-0546 5 mm x 14 mm jaw

Up-angled / 6 1/4" (16 cm) shaft

- 53-0552 3 mm x 12 mm jaw
- 53-0554 4 mm x 14 mm jaw
- 53-0556 5 mm x 14 mm jaw

Up-angled / 7 1/4" (18.5 cm) shaft

- 53-0560 2 mm x 12 mm jaw
- 53-0562 3 mm x 12 mm jaw
- 53-0564 4 mm x 14 mm jaw
- 53-0566 5 mm x 14 mm jaw

Down-angled / 5 1/2" (14 cm) shaft

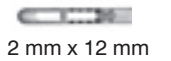
- 53-0572 3 mm x 12 mm jaw
- 53-0574 4 mm x 14 mm jaw

Down-angled / 6 1/4" (16 cm) shaft

- 53-0582 3 mm x 12 mm jaw
- 53-0584 4 mm x 14 mm jaw

Down-angled / 7 1/4" (18.5 cm) shaft

- 53-0590 2 mm x 12 mm jaw
- 53-0592 3 mm x 12 mm jaw
- 53-0594 4 mm x 14 mm jaw



2 mm x 12 mm



3 mm x 12 mm



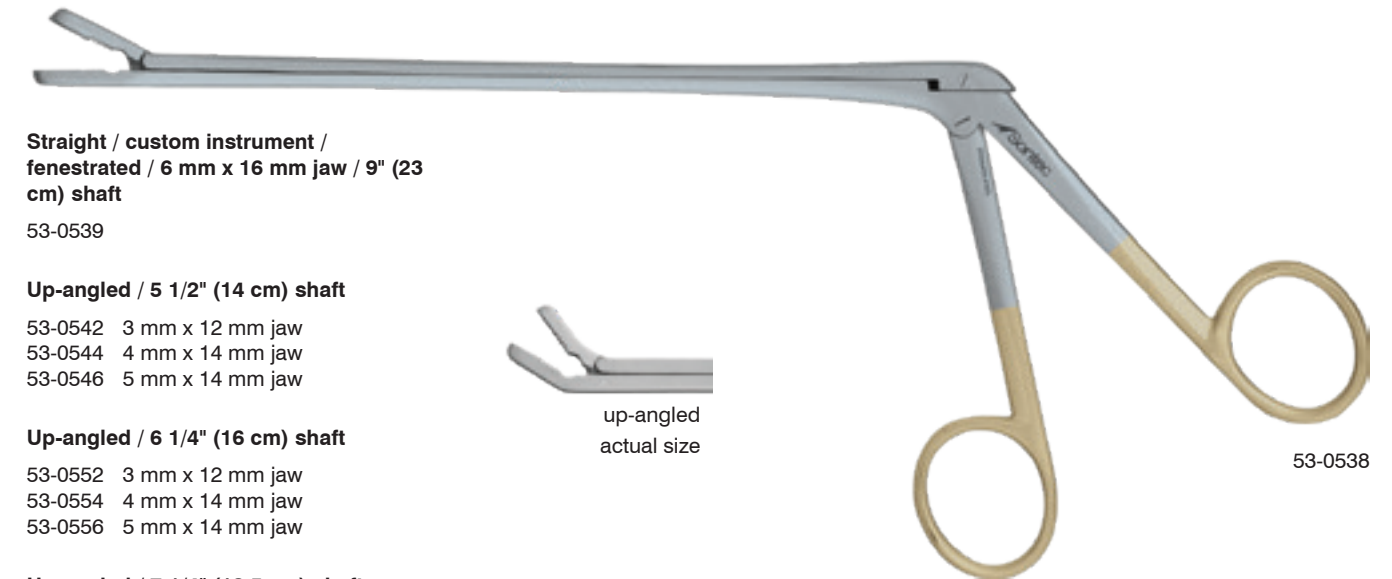
4 mm x 14 mm



5 mm x 14 mm



6 mm x 16 mm



53-0538



up-angled  
actual size



down-angled  
actual size



**Arthroscopic Maxi Grasper**

Large serrated teeth / crab claw jaws / open center jaw 18 mm elliptical gap when jaws are fully closed / 7" (18 cm)

404-765



404-765

**Arthroscopic Mini Grasper**

Serrated upper jaw with smooth lower jaw / crab claw jaw / 18 mm jaw / 6" (15.2 cm)

404-764



404-764

**Hoehn Grasping Forceps**

1 x 2 teeth / 5 1/2" (14 cm) shaft

1404-862



1404-862



1404-862

**Meniscus Grasping Forceps**

Axial, ring handled grip / serrated jaw / 1 x 2 teeth / 7" (18 cm)

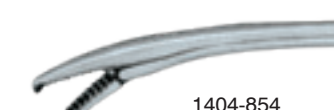
- 1404-852 straight
- 1404-854 curved left
- 1404-853 curved right



1404-852



1404-853



1404-854

**Rotary Arthroscopic Scissors**

1273-100	hook left	20°
1273-101	hook right	20°
1273-103	hook right	60°
1273-105	hook left	60°



1273-100

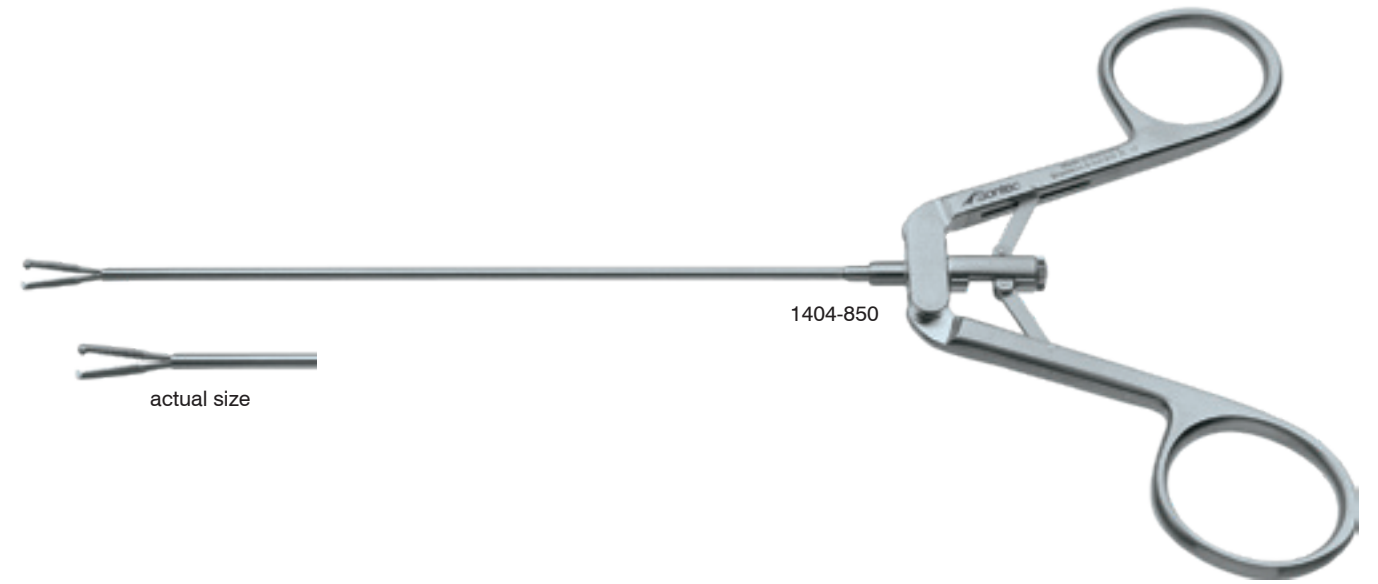


1273-103

**McIlwraith Tendon Grasper / Retriever**

Tip 1.3 cm / malleable / 8 1/4" (21 cm)

1404-850



actual size

1404-850



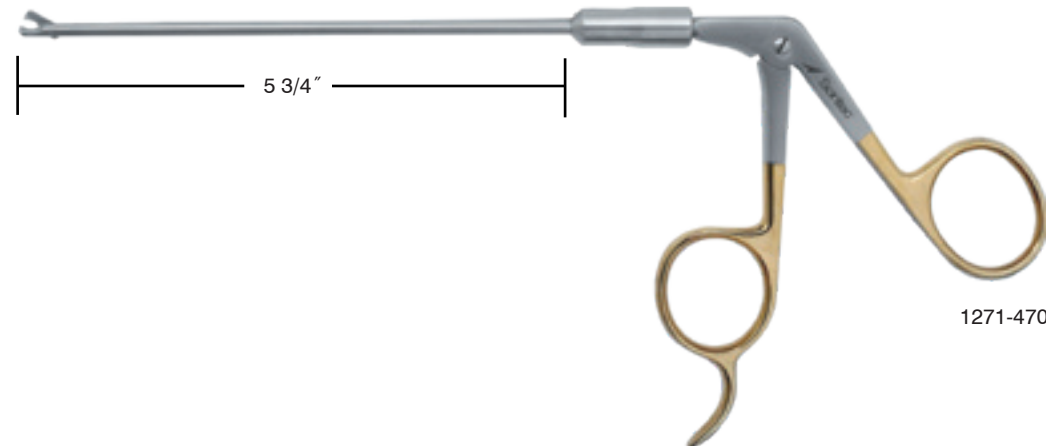


**Arthroscopic Punch & Scissors**

Overload cone for added strength / 5 3/4" (14.5 cm) shaft measurement is from jaw to overload cone

		Straight	Left 30°	Right 30°	Left 45°	Right 45°	wCurved Up 15°
Square Punch	2.7 mm	1271-350	1271-351	1271-352	1271-353	1271-354	1271-355
	3.4 mm	1271-360	1271-361	1271-362	1271-362	1271-364	1271-365
Hook Punch with Sccep	2.7 mm	1271-370	1271-371	1271-372	1271-373	1271-374	1271-375
	3.4 mm	1271-380	1271-381	1271-382	1271-383	1271-384	1271-385
	4.5 mm	1271-390	1271-391	1271-392	1271-393	1271-394	1271-395
Basket Punch	3.4 mm	1271-400	1271-401	1271-402	1271-403	1271-404	
	4.5 mm	1271-410	1271-411	1271-412	1271-413	1271-414	
	4.5 mm	1271-420	1271-421	1271-422	1271-423	1271-424	1271-425
Hook Punch	2.7 mm	1271-430	1271-431	1271-432	1271-433	1271-434	1271-435
	3.4 mm	1271-440	1271-441	1271-442	1271-443	1271-444	1271-445
	4.5 mm	1271-450	1271-451	1271-452	1271-453	1271-454	
Hook Scissors	2.7 mm	1271-460	1271-461	1271-462	1271-463	1271-464	
	3.4 mm	1271-470	1271-471	1271-472	1271-473	1271-474	
	4.5 mm						

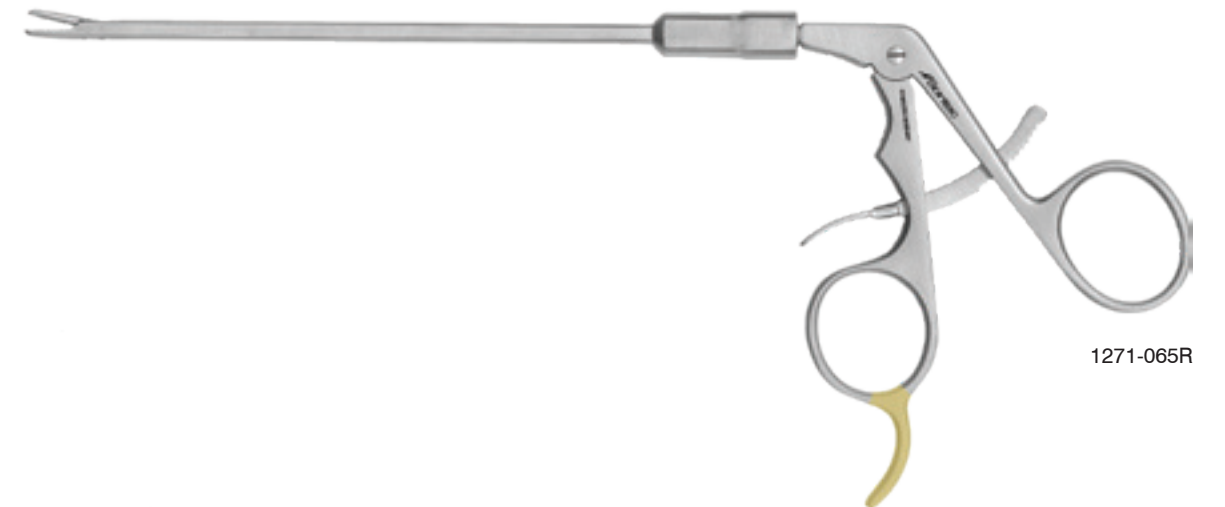
continues on next page



**Arthroscopic Grasping Forceps**

Overload cone / available with or without ratchet / 5 3/4" (14.5 cm) shaft

<b>Grasping Forcep</b>								
	2.7 mm		1271-060	1271-061	1271-062	1271-063	1271-064	1271-085
	3.4 mm		1271-065	1271-066	1271-067	1271-068	1271-069	1271-086
	4.5 mm		1271-070	1271-071	1271-072	1271-073	1271-074	1271-087
	3.4 mm / 1x2 tth		1271-610	1271-611	1271-612	1271-613	1271-614	1271-615
	4.5 mm / 1x2 tth		1271-620	1271-621	1271-622	1271-623	1271-624	1271-625
<b>Grasping Forcep with ratchet</b>								
	2.7 mm		1271-060R	1271-061R	1271-062R	1271-063R	1271-064R	1271-085R
	3.4 mm		1271-065R	1271-066R	1271-067R	1271-068R	1271-069R	1271-086R
	4.5 mm		1271-070R	1271-071R	1271-072R	1271-073R	1271-074R	1271-087R
	3.4 mm / 1x2 tth		1271-640	1271-641	1271-642	1271-643	1271-644	1271-645
	4.5 mm / 1x2 tth		1271-650	1271-651	1271-652	1271-653	1271-654	1271-655
<b>Biopsy &amp; Grasping Forceps</b>								
	2.7 mm		1271-090	1271-091	1271-092	1271-093	1271-094	1271-095
	3.4 mm		1271-101	1271-102	1271-103	1271-104	1271-105	1271-106
	4.5 mm		1271-107	1271-108	1271-109	1271-110	1271-111	1271-112



### Small Joint Arthroscopic Cannula Switch Stick Set

Complete with 4 cannulas, 4 switch sticks, dilation needle (set of five) cannulated obturator, and lightweight anodized case

SC95-0425

\*Instruments are also available separately

### Small Joint Arthroscopic Cannula

SC95-0421	2.9 mm	2 1/2" (6.5cm)
SC95-0422	3.7 mm	2 1/2" (6.5cm)
SC95-0423	4.3 mm	3 1/4" (8.3cm)
Sc95-0424	5.1 mm	3 1/4" (8.3cm)

### Arthroscopic Switch Stick

8 3/4"

1271-117-1	1.1mm
1271-117-5	2.4mm
1271-117-2	2.9mm
1271-117	3.2mm
1271-117-3	3.7mm

Set of 5 / 8 3/4"

1271-117-4	1.1mm
1271-117-4	2.4mm
1271-117-4	2.9mm
1271-117-4	3.2mm
1271-117-4	3.7mm

### Arthroscopic Cannulated Obturator

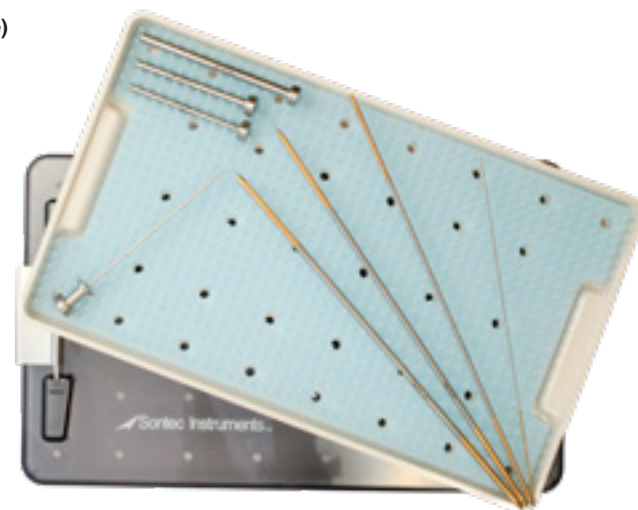
Small joint / 1.3 mm / 4 1/2" (11.5cm)

SC95-0420

### Arthroscopic Dilation Needle

Set of 5 / 8" (20.3cm)

1271-117-4



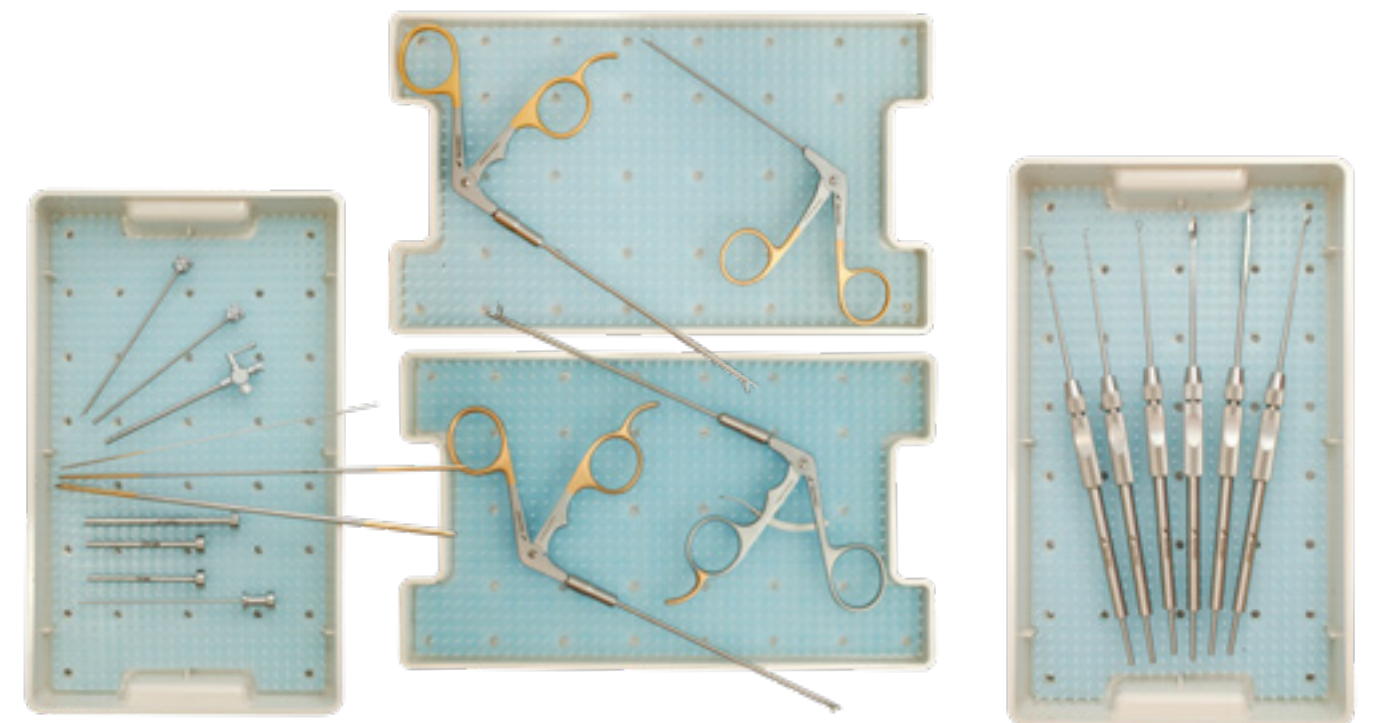
### Small Joint Complete Arthroscopic Set

Includes the following instruments

Sc95-0427 complete set

\* instruments are also available separately

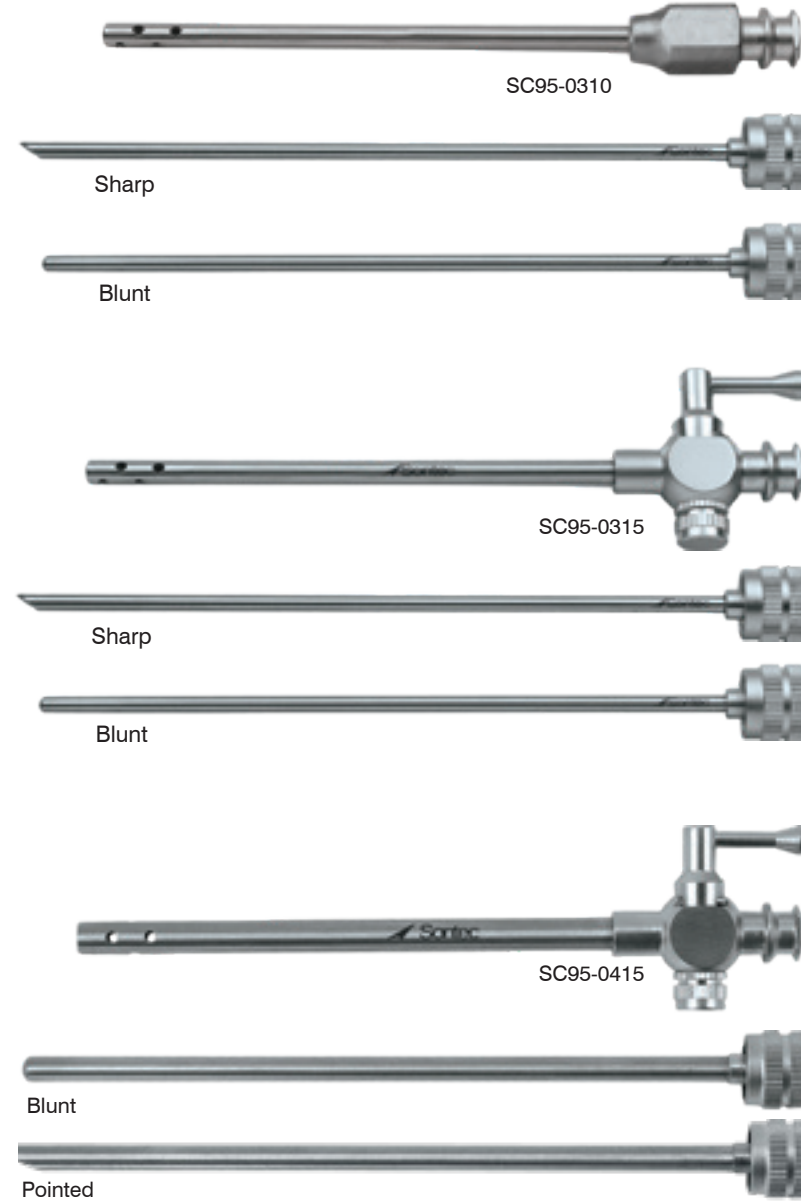
Item Number	Description				
1271-020	grasping biopsy forcep	2 mm	serrated	4" (10 cm)	
1271-090	grasping biopsy forcep	2.7 mm	straight	7" (18 cm)	overload cone
1271-060R	grasping forcep with ratchet	2.7 mm	straight	7" (18 cm)	overload cone
1271-480	hook punch with mini jaws	2.7 mm	straight	7" (18 cm)	overload cone
1271-143	universal anthro handle	125 mm			
1271-127U	universal hook probe	3 mm	90°		
1271-139U	universal banana knife				
1271-122U	universal hook probe	2.5 mm	graduated		
1271-121U	universal hook probe	3.5 mm	graduated		
1271-142U	universal toothed knife		straight		
1271-140U	universal ring curette	3 mm	angled		
SC95-0315	irrigation cannula	3.2 mm			with stop cock
1271-117-1	arthroscopic switch stick	1.1 mm		8" (20.3 cm)	
1271-117-2	arthroscopic switch stick	2.9 mm		8" (20.3 cm)	
1271-117-3	arthroscopic switch stick	3.7 mm		8" (20.3 cm)	
SC95-0420	cannulated obturator	1.3 mm		4" (10 cm)	small joint
SC95-0421	arthroscopic cannula	2.9 mm		2 1/4" (6 cm)	small joint
SC95-0422	arthroscopic cannula	3.7 mm		2 1/4" (6 cm)	small joint
SC95-0423	arthroscopic cannula	4.3 mm		3 1/4" (8 cm)	small joint



**Egress Cannula Set**

Cutting obturator / lateral irrigation holes / 2 3/4" (7 cm) working length / set includes a sharp and blunt cannula

SC95-0310	3.2 mm diameter	without stop cock	special order
SC95-0315	3.2 mm diameter	with stop cock	
SC95-0415	4.5 mm diameter	with stop cock	



**Egress Cannula Set**

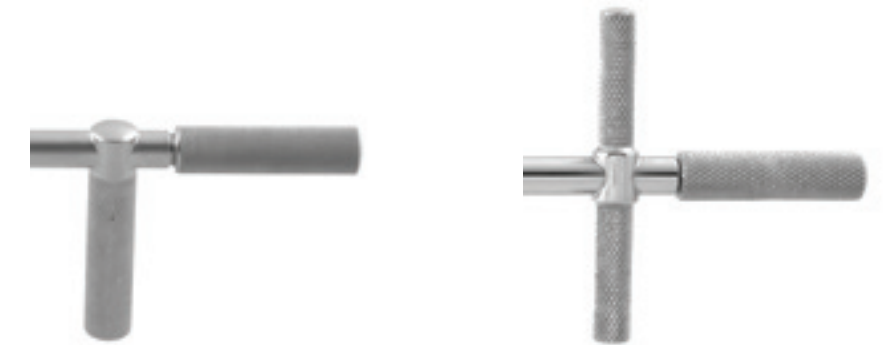
With conical obturator / 6" (15.2 cm) working length

SC94-0312	3.1 mm ID
SC94-0313	4.1 mm ID
SC94-0314	5.1 mm ID
SC94-0315	6.1 mm ID
SC94-03157	7.1 mm ID
SC94-03158	8.1 mm ID
SC94-03159	9.1 mm ID

With Conical obturator / 12" (30.5 cm) working length

SC94-0316	3.1 mm ID
SC94-0317	4.1 mm ID
SC94-0318	5.1 mm ID
SC94-0319	6.1 mm ID
SC94-0320	7.1 mm ID
SC94-0321	8.1 mm ID
SC94-0322	9.1 mm ID

\* CUSTOM - specify size (diameter & length) when ordering



available with T-handle or L-handle shown above

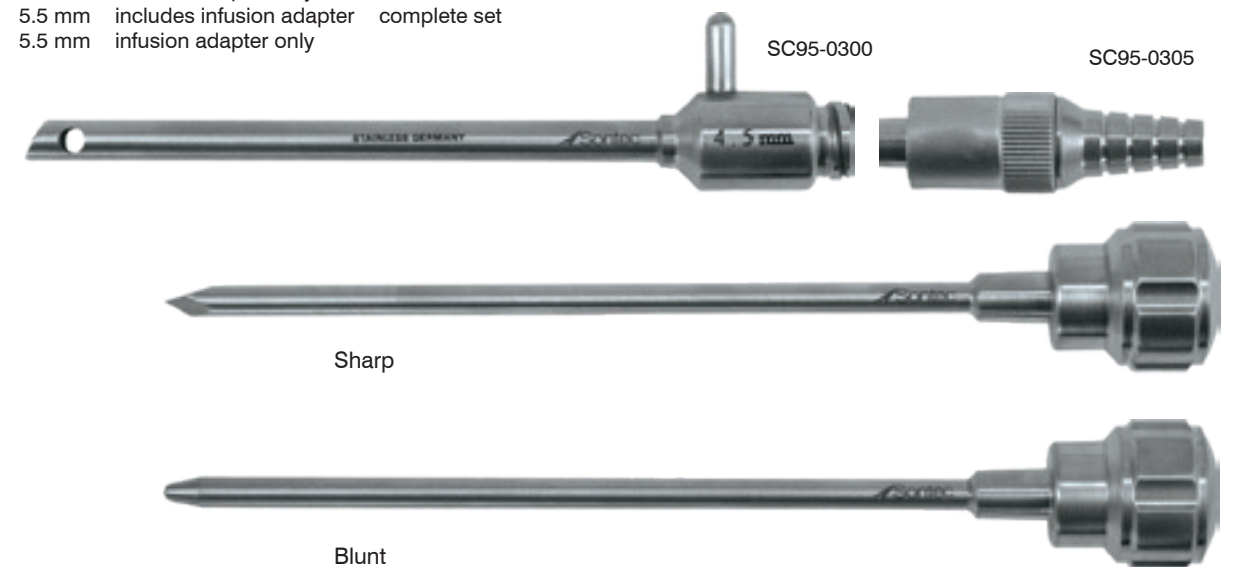


SC94-0312

**Inflow Cannula Set**

Set includes a sharp and blunt cannula

SC95-0300	4.5 mm	includes infusion adapter	complete set
SC95-0305	4.5 mm	infusion adapter only	
SC95-0302	5.5 mm	includes infusion adapter	complete set
SC95-0306	5.5 mm	infusion adapter only	



**Nasal/Tendon Knife**

5 1/2" (14 cm)

1271-165 single edge 30 mm blade str

6 1/2" (16.5 cm)

1271-175 single classic edge 23 mm blade str  
 1271-180 single lance edge 23 mm blade str  
 1271-152 double lance edge 24 mm blade str  
 1271-181 single retrograde edge 36 mm blade cvd



**McIlwraith Tendon Knife**

6 1/2" (16.5 cm)

1271-160 single edge 40 mm blade  
 1271-153 double edge 45 mm blade



**Tendon Knife**

Single side / 30 mm blade / sharp point / 6" (15.2 cm)

1271-163



**Joseph Nasal/Tendon Knife**

6" (17 cm)

1271-152C curved  
 1271-152B blunt  
 1271-152D round tip





**McIlwraith Bistouri Knife**

**Button end blade**

1271-156	straight	35 mm	6" (15 cm)
1271-155	curved	55 mm	7" (18 cm)
1271-154	straight	55 mm	7" (18 cm)



1271-156



1271-155



1271-154

**Nixon XXL Banana Knife**

**Double sided / wide blade / serrated / 9" (23 cm)**

1271-139C	curved
1271-139D	straight



1271-139C

**Winberg Equine Tendon Knife**

**7" (18 cm)**

1271-157



1271-157

**Arthroscopic Meniscotomes Hook, Probe & Knife**

9" (23 cm) / item numbers followed by "U" fit universal handle. Handle is sold separately / choose either knurled handle or universal handle-shaft combination

1271-143	universal handle	sold separately	4 3/4"
1271-143L	universal handle	extra long 8"	special order



1271-139S

1271-143

1271-143L



Toothed / 1271-142

Tendon / 1271-131

Toothed 1271-142U

Banana, double-sided, serrated / 1271-139S

Button-end / 1271-132

Banana, serrated 1271-139SU

Banana, double-sided / 1271-139

Banana 1271-139U

Sickle / 1271-118

Sickle 1271-118U

Hook / 1271-127

Hook 1271-127U

Scalpel / 1271-128

Scalpel 1271-128U

45° Hook / 1271-126

45° 1271-126U

Meniscotome / 1271-136

Meniscotome 1271-125U

Meniscotome 1271-136U

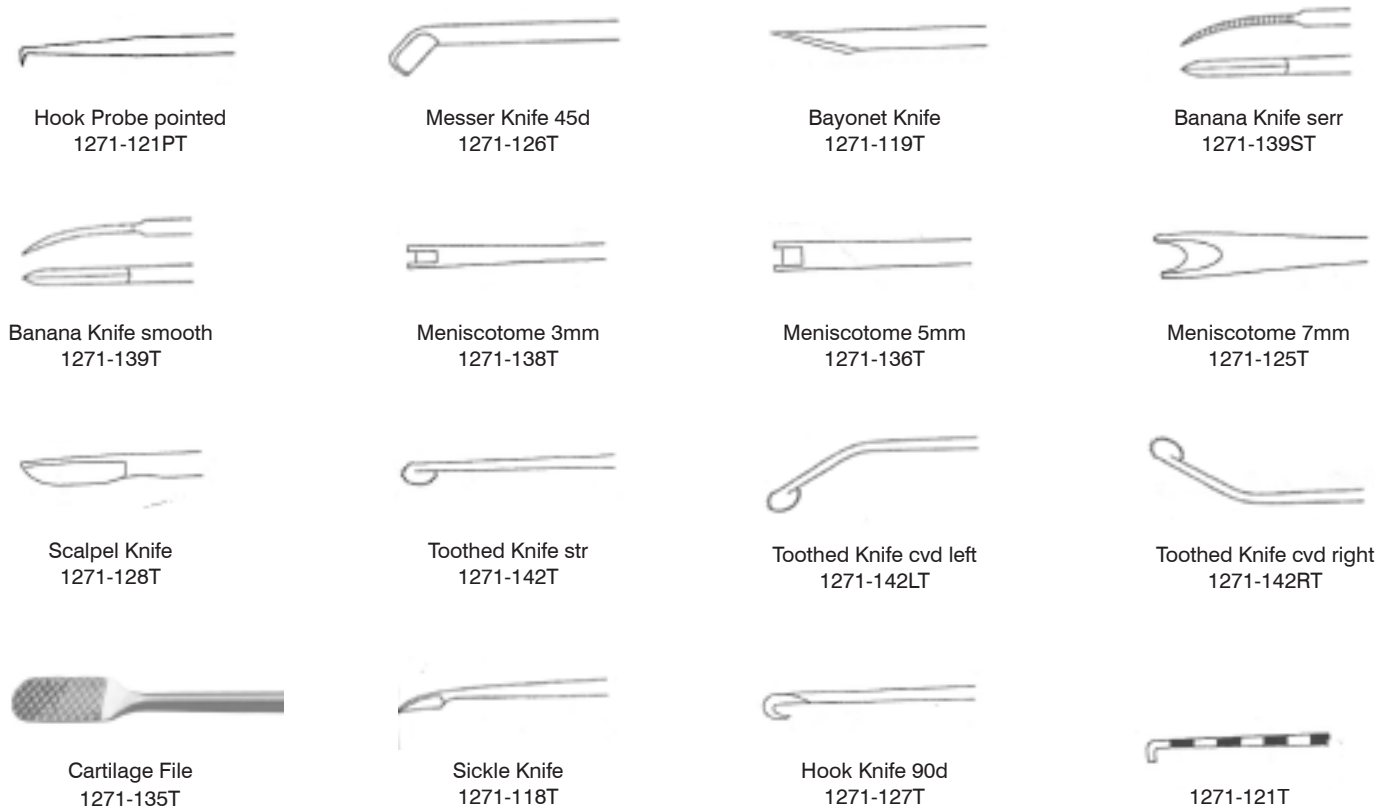
Meniscotome / 1271-138

Bayonet 1271-119U

Meniscotome 1271-138U

**Triangle Handle Arthroscopic Meniscotome, Hook, Probe & Knife**

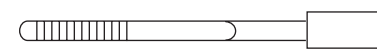
9 1/4" (23.5 cm) / triangle handle



**Arthroscopic Rasp**

Item numbers followed by "U" fit universal handle / 9" (23 cm)

1271-134  
1271-143 universal handle sold separately



1271-134



1271-143

**Arthroscopic Rasp**

Item numbers followed by "U" fit universal handle / 4x6 mm / 9" (23 cm)

1271-133U straight  
1271-133AU-ang 15° angle  
1271-143 universal handle sold separately



1271-133U



1271-143

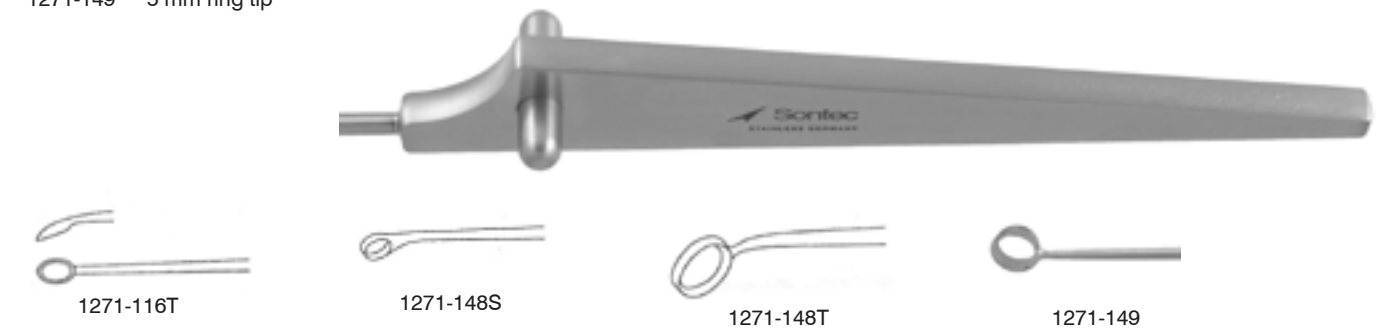
**Arthroscopic Curette & Ring Curette**

9 1/4" (23.5 cm) / triangle handle

1271-116T 30 degrees  
1271-148S 3 mm ring tip  
1271-148T 7 mm ring tip 30°

9 1/4" (23.5 cm) / triangle handle / 30°

1271-149 5 mm ring tip



**Knurled handle / 3 mm / 9" (23 cm)**

1271-115 30° curved curette  
1271-140 right angled sharp ring tip

**"U" Fit universal handle / 3 mm / 9" (23 cm)**

1271-116U 30° curved curette  
1271-140U right angled sharp ring tip

**Universal handle sold separately**

1271-143 universal handle sold separately



1271-115



1271-115



1271-140



1271-143



1271-116U



1271-140U

**Arthroscopic Hook Probe**

9" (23 cm)

1271-121	3.5 mm	knurled handle
1271-122	2.5 mm	knurled handle
1271-122U	2.5 mm	for universal handle
1271-121U	3.5 mm	for universal handle
1271-1204U	4 mm	for universal handle
1271-120U	5 mm	for universal handle



Universal Handle sold separately

**McIlwraith Arthroscopic Hook Probe**

Graduated / light / 9 1/2" (24 cm)

1271-129



Graduated / heavy / 10 1/2" (26 cm)

1271-130



Phenolic handle / 10 1/4" (26 cm)

1271-130PH



**Taylor Micro Arthroscopic Hook Probe & Pick**

1.2mm / 8" (20 cm)

1271-120	straight
1271-123	curved

3 mm hook / 1 mm ball tip / lightweight type handle / 8 1/2" (21.5 cm)

1271-123LW



**Bone Pick Micro Fracture**

Phenolic handle / 30° tip

1271-320	6 7/8" (17.5 cm)	mini
1271-330	7 1/2" (19 cm)	peterson
1271-325	10 3/4" (27.5cm)	equine

Phenolic handle / 60° tip

1271-321	6 7/8" (17.1 cm)
1271-322	7 1/2" (19.1 cm)
1271-326	10 3/4" (27.3 cm)

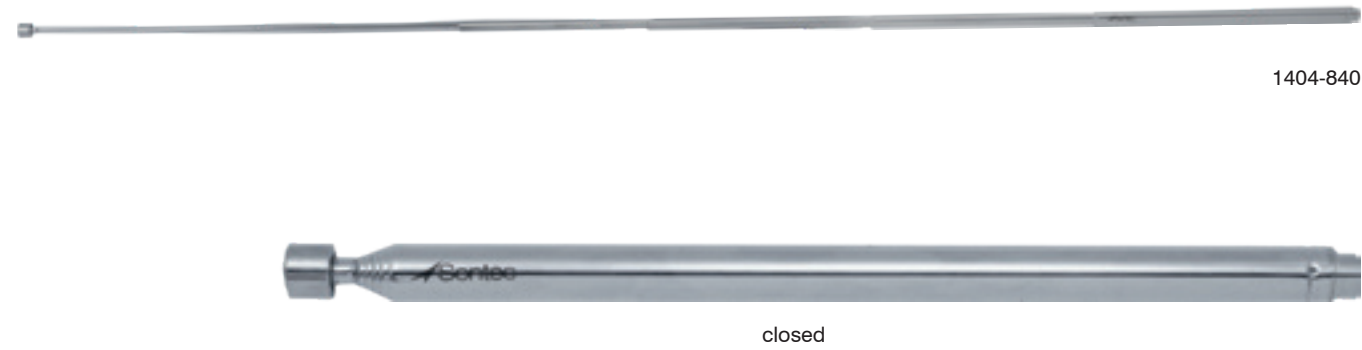
Phenolic handle / 90° tip

1271-323	6 7/8" (17.1 cm)
1271-324	7 1/2" (19.1 cm)
1271-327	10 3/4" (27.3 cm)



**Telescoping Metal Fragment Retriever**

Magnetic / 5" (12.5 cm) closed / chrome / 25" extended  
1404-840



1404-840

**Universal Magnet for Retrieval/Demagnetizing**

1404-841P phenolic handle 7" (18 cm)  
1404-841 tubular handle 8" (20.5 cm)

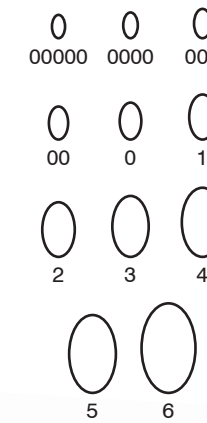


1404-841P

**Bruns Oval Cup Curette**

Oval cup / straight / 6 3/4" (17 cm)

- 320-808 size 00000
- 320-809 size 0000
- 320-810 size 000
- 320-811 size 00
- 320-812 size 0
- 320-813 size 1
- 320-814 size 2
- 320-815 size 3
- 320-816 size 4
- 320-817 size 5
- 320-818 size 6



320-811

Oval cup / straight / 9" (23 cm)

- 320-827 size 00000
- 320-829 size 0000
- 320-830 size 000
- 320-831 size 00
- 320-832 size 0
- 320-833 size 1
- 320-834 size 2
- 320-835 size 3
- 320-836 size 4
- 320-837 size 5
- 320-838 size 6



320-834

Oval cup / angled / 9" (23 cm)

- 320-848 size 00000
- 320-849 size 0000
- 320-850 size 000
- 320-851 size 00
- 320-852 size 0
- 320-853 size 1
- 320-854 size 2
- 320-855 size 3
- 320-856 size 4
- 320-857 size 5
- 320-858 size 6



**Spinal Curette**

**Phenolic handle / straight / 11" (28 cm)**

- 320-866 size 000
- 320-859 size 00
- 320-860 size 0
- 320-861 size 1
- 320-862 size 2
- 320-863 size 3
- 320-864 size 4
- 320-865 size 5



**Phenolic handle / angled / 11" (28 cm)**

- 320-866A size 000
- 320-859A size 00
- 320-860A size 0
- 320-861A size 1
- 320-862A size 2
- 320-863A size 3
- 320-864A size 4
- 320-865A size 5

**Extra Long Spinal Curette**

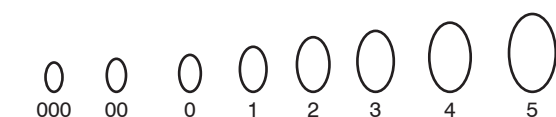
**Phenolic handle / extra long / angled / 13" (33 cm)**

- 320-920 size 0



 Straight

 Angled



**Lampert Curette**

**Thin neck / oval cup / straight / 8" (20.5 cm)**

- 320-826T size 000000
- 320-827T size 000000
- 320-829T size 0000
- 320-830T size 000
- 320-831T size 00
- 320-832T size 0
- 320-833T size 1
- 320-834T size 2



**Thin neck / oval cup / angled / 8" (20.5 cm)**

- 320-847T size 000000
- 320-848T size 000000
- 320-849T size 0000
- 320-850T size 000
- 320-851T size 00
- 320-852T size 0
- 320-853T size 1
- 320-854T size 2



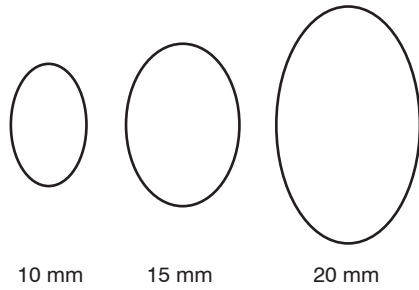
**Hatt Spoon Curette**

Solid hexagonal handle / 9" (23 cm)

- 320-778 10 mm
- 320-779 15 mm
- 320-780 20 mm



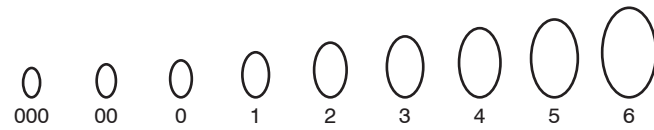
320-780



**Bruns Hexagonal Handle Curette**

Solid hexagonal handle / 9" (23 cm)

- 320-870 size 000
- 320-871 size 00
- 320-872 size 0
- 320-873 size 1
- 320-874 size 2
- 320-875 size 3
- 320-876 size 4
- 320-877 size 5
- 320-878 size 6



320-876

**Two Handed Curette**

Phenolic handle / serrated cup / 6mm x 9mm / 14 1/2" (37 cm)

- 320-621 straight
- 320-622 30d up
- 320-623 45d cvd left
- 320-624 45d cvd right
- 320-625 90d



320-621

Black handle / serrated cup / 6 mm x 9 mm / 14 1/2" (37 cm)

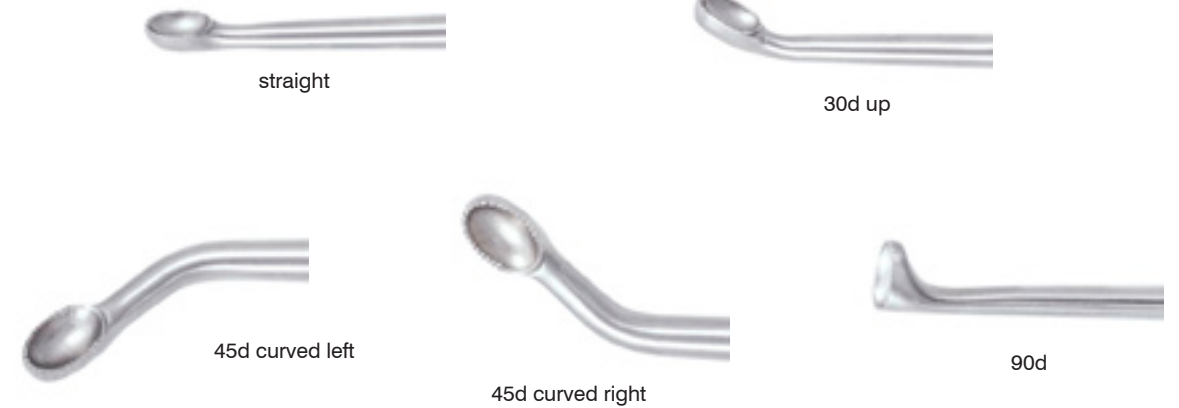
- 320-621B straight
- 320-622B 30d up
- 320-623B 45d cvd left
- 320-624B 45d cvd right
- 320-625B 90d



\* Available in a green handle



320-621B



straight

30d up

45d curved left

45d curved right

90d

**Long Handle Curette**

**Sharp / black handle / 16 1/2" (41.9 cm)**

- 320-626B teardrop
- 320-629B #3 angled
- 320-630B #6 angled

**Sharp / green handle / 16 1/2" (41.9 cm)**

- 320-626G teardrop
- 320-629G #3 angled
- 320-630G #6 angled



320-626G



320-626B



320-629G



320-630G



320-626G



320-626B

**Cone Ring Two Handed Curette**

**Phenolic handle / straight / 15" (38 cm) / 380 mm**

- 320-881A size 1
- 320-881B size 2
- 320-881C size 3
- 320-881D size 4



**Phenolic handle / angled / 15" (38 cm) / 380 mm**

- 320-882A size 1
- 320-882B size 2
- 320-882C size 3
- 320-882D size 4

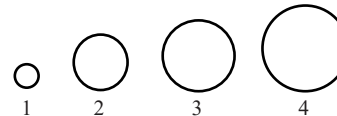
320-881C

**Phenolic handle / lateral angled / 15" (38 cm) / 380 mm**

- 320-883A size 1
- 320-883B size 2
- 320-883C size 3
- 320-883D size 4



320-883C





**Down Pushing Curette**

Phenolic handle / 10 mm x 5 mm /  
9" handle / 15" (38 cm) / 380 mm

320-879



320-879

**O'Brien Curette**

Phenolic handle / 9"  
handle / 15" (38 cm)

320-924A 8mm  
320-924B 11 mm



320-924A

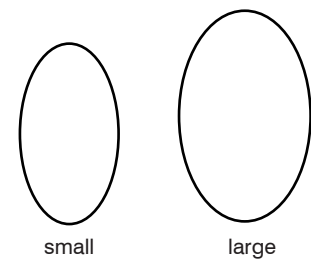
**Charnley Curette**

Phenolic handle / 9" handle /  
15" (38 cm) / 380 mm

320-869L large  
320-869S small



320-869L



**Tear Drop Spinal Curette**

Phenolic handle / 52 mm x 12 mm /  
11" (27.9 cm)

320-958 straight  
320-959 angled 15°

Phenolic handle / 52 mm x 12 mm /  
17" (43.2 cm)

320-960 straight  
320-962 angled 15°



320-958



320-960



320-962

**Cone Ring Two Handed Curette**

Phenolic handle / straight / 15" (38 cm) / 380 mm

- 320-881A size 1
- 320-881B size 2
- 320-881C size 3
- 320-881D size 4

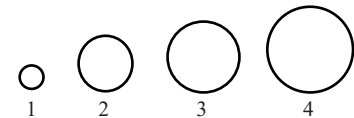


Phenolic handle / angled / 15" (38 cm) / 380 mm

- 320-882A size 1
- 320-882B size 2
- 320-882C size 3
- 320-882D size 4

Phenolic handle / lateral angled / 15" (38 cm) / 380 mm

- 320-883A size 1
- 320-883B size 2
- 320-883C size 3
- 320-883D size 4



320-881C

320-883C

**Cone Ring Two Handed Curette**

Phenolic handle / 9mm / 14 1/2" (37 cm) / 370 mm

- 320-615 straight
- 320-617 40° lateral



320-615



320-617

Black handle / 9mm / 14 1/2" (37 cm) / 370 mm

- 320-615B straight
- 320-617B 40° lateral



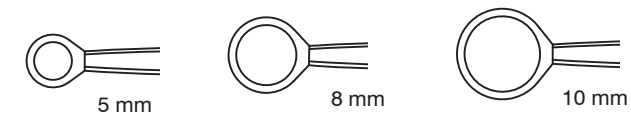
**Bruns Ring Curette**

9" (23 cm)

- 1271-145 5 mm inside ring diameter
- 1271-147 8 mm inside ring diameter
- 1271-146 10 mm inside ring diameter



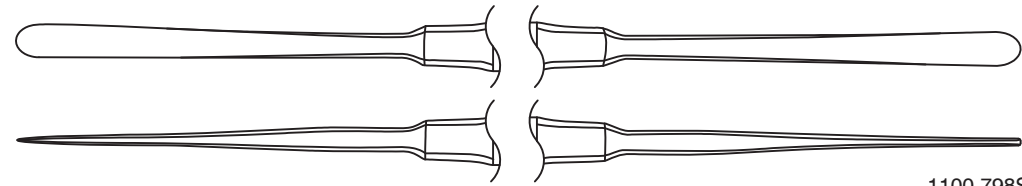
1271-145



**Freer Periosteal Elevator**

Double-ended / square handle / straight  
/4.5 mm tip / sharp/blunt / 7 3/4"

1100-798S



1100-798S

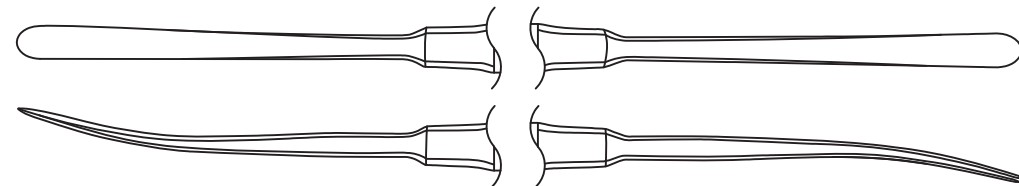
Double-ended / square handle / curved /  
4.5 mm tip / sharp/blunt

1100-798 7 3/4"

1100-798F 8 3/4"



1100-798



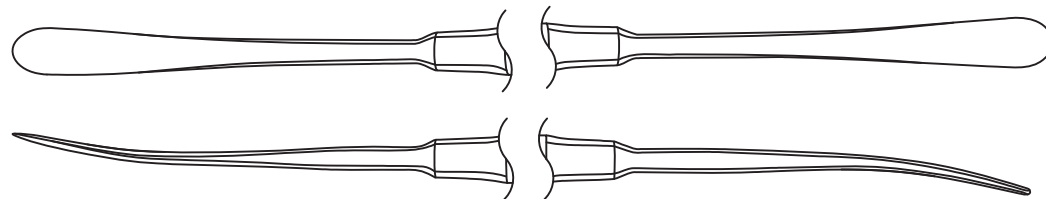
Double-ended / square handle / curved /  
6.5 mm tip / sharp/blunt

1100-798A 7 3/4"

1100-798E 8 3/4"



1100-798A



**Freer Periosteal Elevator**

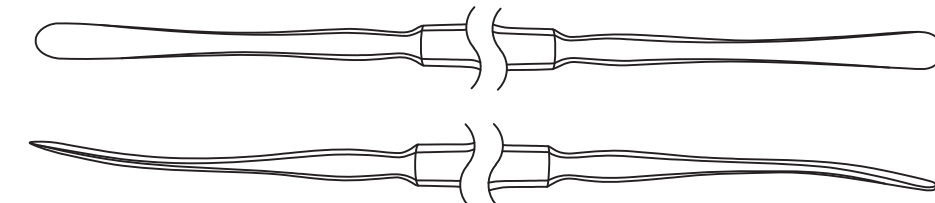
Double-ended / round handle / curved /  
sharp/blunt / 7 1/2"

1100-798B 5 mm tip

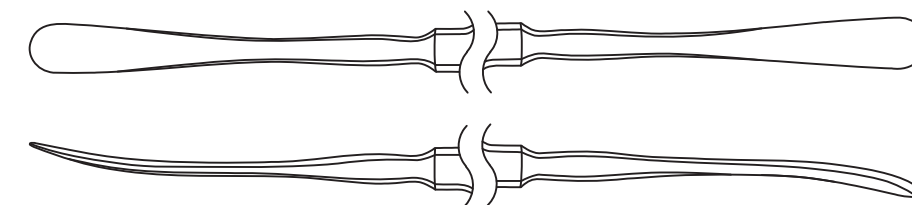
1100-798C 6.7 mm tip



1100-798B



1100-798C

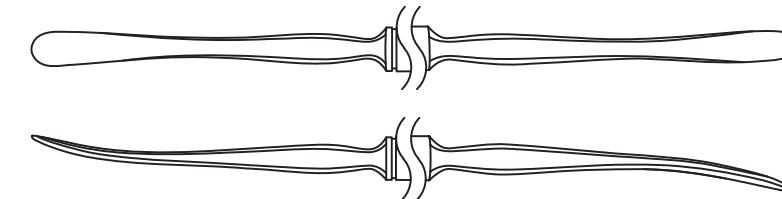


Double-ended / knurled round handle /  
curved / 4.5 mm tip / sharp/blunt / 6 3/4"

1100-798D



1100-798D





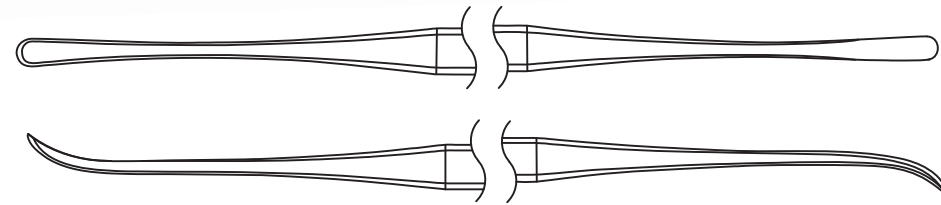
**Freer Periosteal Elevator**

Double-ended / round handle / curved / 3.5 mm tip / sharp / 7 1/4"

1100-798H



1100-798H



**Sontec A O Type Elevator / Raspatory**

Phenolic handles / 7 /12" (19 cm)

335-250	6 mm tip	str	flat edge
335-254	3 mm tip	slight curve	round edge
335-255	3 mm tip	slight curve	flat edge
335-260	6 mm tip	slight curve	flat edge
335-265	6 mm tip	slight curve	round edge



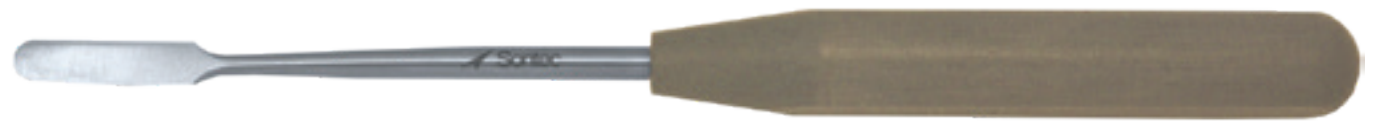
335-250



335-255



335-260



335-265



335-250



335-255



335-260



335-265

**Sontec A O Type Elevator / Raspatory**

Phenolic handles / 8" (20 cm)

335-270	13 mm tip	angled	flat edge
335-275	14 mm tip	str	round edge
335-280	14 mm tip	cvd	round edge
335-285	20 mm tip	str	round edge



335-270



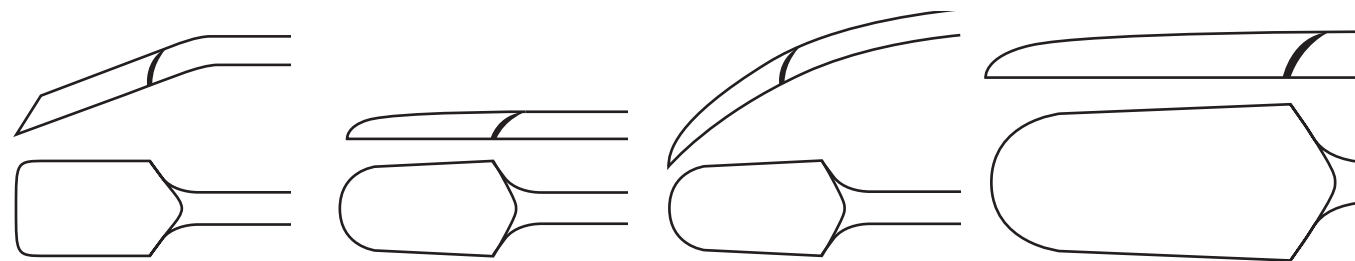
335-275



335-280



335-285



335-270

335-275

335-280

335-285

**Joker Periosteal Elevator**

Blunt / curved / 6" (15.5 cm)

412-518



412-518

**Joseph Periosteal Elevator**

Curved / 6 3/4" (17 cm)

16-2207	3 mm
16-2208	3.5 mm
16-2209	4 mm
16-2210	5 mm
16-2200	6.5 mm



16-2209



16-2210

**McIlwraith Periosteal Elevator**

Single-ended / 7 1/2" (19 cm)

1404-870	sharp
1404-871	sharp phenolic handle



1404-870



1404-871

**Lane Periosteal Elevator**

Single-ended / 7 1/2" (19 cm)

- 335-210 narrow semi-sharp tip 6 mm
- 335-212 wide semi-sharp tip 10 mm



**McKenty Elevator**

Semi-sharp / curved / 5 1/2" (14 cm)

- 412-5563 3 mm tip
- 412-556 4 mm tip
- 412-557 5 mm tip

Double-ended / curved / 8 1/2" (21.75 cm)

412-555



**Masing Elevator / Dissector**

Double-ended / curved / octagonal handle / 7 7/8" (19.75 cm)

412-575



**Joseph Massing Elevator**

Bayonet shaft / 8" (20 cm)

335-105

Straight / 6 mm / 8" (20.3 cm)

335-106



**Mini Lexer Gouge**

7" (18 cm)

- 330-020 4 mm tip
- 330-021 6 mm tip
- 330-022 8 mm tip
- 330-023 10 mm tip
- 330-024 12 mm tip





**Killian Elevator**

Double-ended / 7 1/4"  
(18.4 cm)

412-536



412-536

**Roger Elevator**

Double-ended / full curve / 7  
1/4" (18.5 cm)

412-558



412-558

**Pennington Elevator**

Double-ended / 8 1/4" (21 cm)

412-580



412-580

**Sontec® Cottle Elevator**

Double-ended / sharp & blunt /  
graduated / 8 1/4" (21 cm)

1271-302



1271-302

**CSU Cottle Elevator**

Double-ended / graduated /  
9" (23 cm)

1271-300 blunt  
1271-301 sharp



1271-300



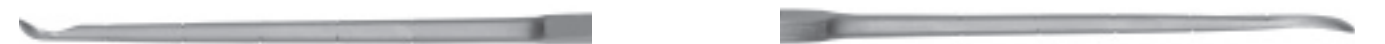
**CSU Cottle Elevator**

Double-ended / graduated /  
9" (23 cm)

1271-300



1271-300



**Foerner Sesmoid Knife Elevator**

Curved / 5 mm tip / 6 1/4" (16 cm)

1404-875



1404-875



**Key Periosteal Elevator**

**6 3/4" (17 cm)**

- 335-135 1/8" tip
- 335-136 1/4" tip
- 335-137 3/8" tip



**7 1/2" (19 cm)**

- 335-138 1/2" tip
- 335-139 5/8" tip

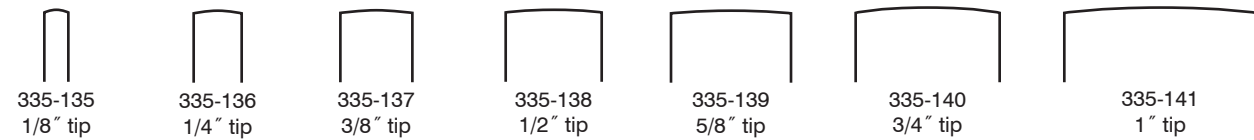


**8" (20.5 cm)**

- 335-140 3/4" tip

**8 3/8" (21.5 cm)**

- 335-141 1" tip



**Sayre Elevator**

**Double-ended / 6 1/2" (16.5 cm)**

- 1100-512 sharp/blunt
- 1100-512B blunt/blunt



1100-512

**Adson Periosteal Elevator**

**Single-ended / 6 1/2" (16.5 cm)**

- 412-520 str chisel edge
- 412-522 cvd blunt
- 412-524 cvd semi-sharp
- 412-526 str semi-sharp



412-522



412-524



412-526

**Love Adson Periosteal Elevator**

**Single-ended / 6 3/4" (16.5 cm)**

- 412-528 cvd semi-sharp



412-528

**Lempert Elevator**

**7 1/2" (19 cm)**

- 412-519



412-519

**Smith Peterson Osteotome**

**Straight / 8" (20.5 cm)**

330-610	1/4"
330-611	3/8"
330-612	1/2"
330-613	5/8"
330-614	3/4"
330-615	1"
330-616	1 1/4"



330-610



330-611



330-613



330-614



330-615



330-616

**Curved / 8" (20.5 cm)**

330-620	1/4"
330-621	3/8"
330-622	1/2"
330-623	5/8"
330-624	3/4"
330-625	1"
330-626	1 1/4"

**Hoke Osteotome**

**Hex handle / straight / 5" (12.5 cm)**

330-690	1/8" (3 mm)
330-691	3/16" (4 mm)
330-692	1/4" (6 mm)
330-693	5/16" (8 mm)
330-694	3/8" (10 mm)
330-695	1/2" (13 mm)
330-696	5/8" (16 mm)

**Curved / 5" (12.5 cm)**

330-700	1/8" (3 mm)
330-701	3/16" (4 mm)
330-702	1/4" (6 mm)
330-703	5/16" (8 mm)
330-704	3/8" (10 mm)
330-705	1/2" (13 mm)
330-706	5/8" (16 mm)



330-705

**Cottle Plastic Osteotome**

**Specially designed edge / heavy type / with end stop platform / with no corners on blade / 7" (18 cm)**

330-849A	3/32" (2 mm)
330-849B	5/32" (4 mm)
330-849C	9/32" (7 mm)
330-849D	11/32" (9 mm)
330-849E	15/32" (12 mm)



330-849C

**Lambotte Osteotome**

**Straight / 9" (23 cm)**

- 330-660 1/4" (6 mm)
- 330-661 1/2" (13 mm)
- 330-662 3/4" (19 mm)
- 330-663 1" (25 mm)
- 330-664 1 1/4" (32 mm)
- 330-665 1 1/2" (38 mm)

**Curved / 9" (23 cm)**

- 330-670 1/4" (6 mm)
- 330-671 1/2" (13 mm)
- 330-672 3/4" (19 mm)
- 330-673 1" (25 mm)
- 330-674 1 1/4" (32 mm)
- 330-675 1 1/2" (38 mm)



330-675

**Sontec-Cottle Osteotome Set**

**Graduated markings / 7" (18 cm)**

- 1100-479K 2 mm
- 1100-479M 3mm
- 1100-479L 4 mm
- 1100-479A 6 mm
- 1100-479B 8 mm
- 1100-479C 10 mm
- 1100-479D 12 mm
- 1100-479E 14 mm
- 1100-479F 16 mm
- 1100-479G 18 mm
- 1100-479N 19mm
- 1100-479J 20 mm
- 1100-479H 22 mm



Set of 7  
1100-479  
(choose your sizes)  
with a canvas bag



1100-479



1100-479A



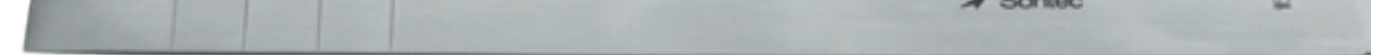
1100-479B



1100-479C



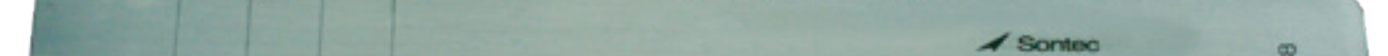
1100-479D



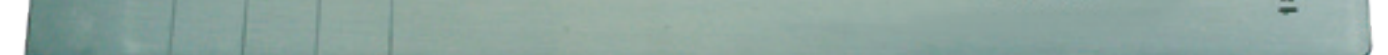
1100-479E



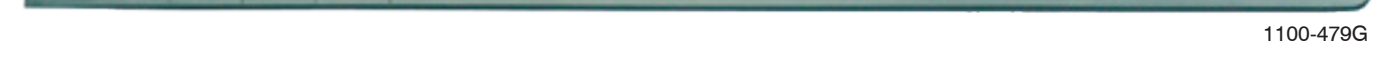
1100-479F



1100-479G



1100-479H



1100-479I



1100-479J



1100-479K



1100-479L



**Sontec Large Handle Mallet**

**Ribbed phenolic handle**

330-840 10 1/4" (26 cm) 1 3/4" head dia. 3 lbs  
 330-842 10 1/4" (26 cm) 1 1/4" head dia.

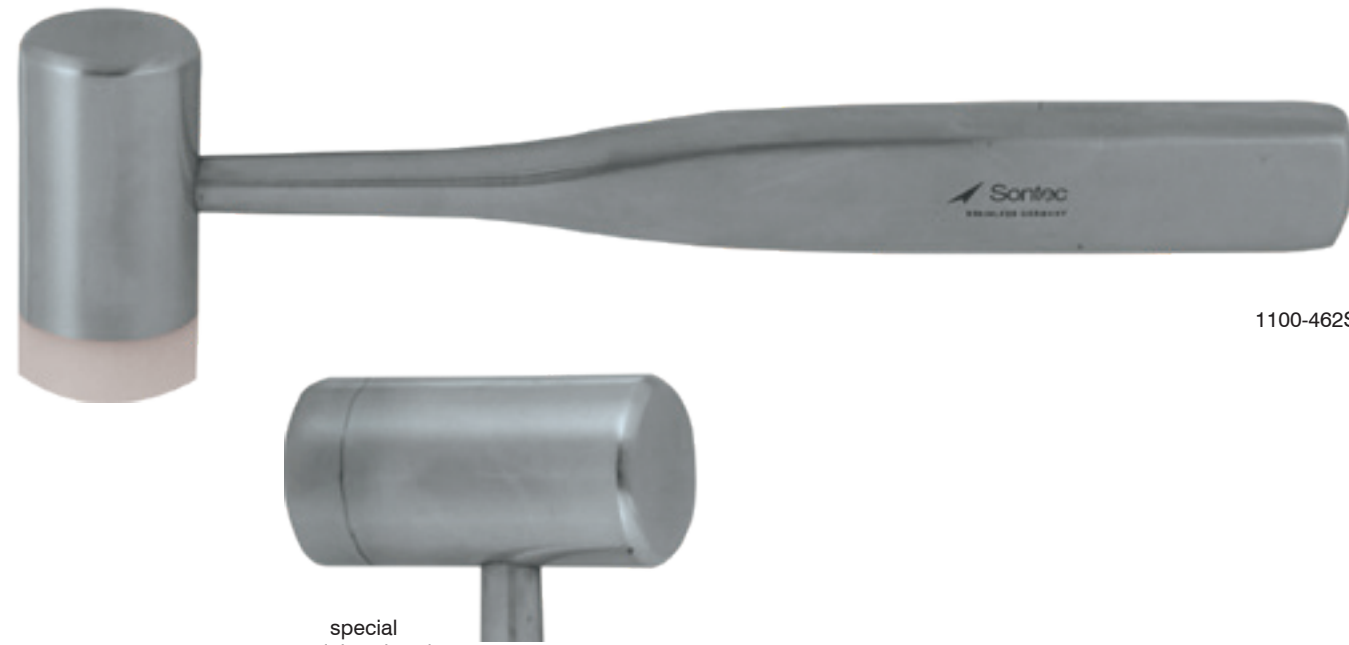


330-842

**Sontec Combo Nylon Mallet**

**1" head diameter / removable heads / 7 3/8" (18.75 cm)**

1100-462S removable nylon head  
 1100-463 nylon head for mallet 1"  
 1100-463S nylon head for new style mallet



1100-462S

special  
 stainless head  
 \*available upon  
 request

**Large Sontec Combo Mallet**

**1 1/2" head / replaceable heads / 8" (20.5 cm)**

330-824  
 330-824S stainless & nylon head

**Replaceable heads / 1 1/2" (3.8 cm)**

330-824NH nylon  
 330-824SH stainless steel



330-824NH



330-824SH



330-824

**Heavyweight Mallet**

**1 1/2" head diameter / 7 1/4" (18.5 cm)**

330-832 1.72 lbs



330-832

**Sontec Spinal File/Rasp**

Phenolic handle / TC / 10" (25.4 cm)  
/ curved

345-270



Phenolic handle / cross-serrated /  
straight / 6.5 mm / 15" (38 cm)

345-216



Black plastic handle / 6 mm

345-216B straight 15" (38.1 cm)

345-215B angled 14 1/2" (36.8 cm)



**Knife Handle #3**

Fits surgical blades 10-15 /  
with calibrated scale

\* surgical blade not included

1100-740 5" (12.5 cm)



Round handle

1100-741 6" (15 cm)

1100-740



Round knurl handle /  
double / 1 mm / 6 1/4"

1100-7411



**Knife Handle #3L**

Fits surgical blades 10-15

- 1100-866 8 1/2" (21.5 cm)
- 1100-868 12" (30 cm)
- 117-582 8 3/8" (20 cm) angled



1100-866

117-582

**Knife Handle #4**

fits surgical blades 20-25  
/ with calibrated scale

- 1100-742 5" (12.5 cm)



1100-742

**Joseph Tendon Knife**

6 1/2" (16.5 cm)

- 345-400 single edge 60° angled



345-400

**Piermattei Smillie Meniscotome**

6 3/4" (17 cm)

- 1103-205



1103-205

**Smillie Meniscotome**

Straight blade / 6 3/4" (17 cm)

- 1103-208



1103-208

**Braake Tendon Knife**

Angled down / carbon coated shaft / 7" (18 cm)

1271-183



1271-183

**Freer Mucosa Knife**

6 1/4" (16 cm)

345-405



345-405

**Femoral Head Disarticulator Knife**

Curved

1103-211 Small 5 1/2" (14 cm)

1103-213 Large 7 1/2" (19 cm)



1103-213



1103-211

**V Blade Meniscotome**

Flat handle / 6 3/4" (17 cm)

1103-206

Curved / 8" (20.5 cm)

1103-209



1103-206

**Mini V-Blade Meniscotome**

Flat handle / 6 3/4" (17 cm)

1103-2063 3mm



1103-2063



**Esophageal Grasping Forceps Vertical Jaw**

30" / without ratchet / 4.5 mm jaw width

1404-881  
1404-881T 1 x 2T

30" / without ratchet / malleable / 4.5 mm jaw width

1404-881M  
1404-881MT 1 x 2T

30" / with ratchet / 4.5 mm jaw width

1404-881R  
1404-881TR 1 x 2T

30" / without ratchet / malleable / 4.5 mm jaw width

1404-881RM  
1404-881RMT 1 x 2T



1x2 teeth



vertical jaw

1404-881

**Esophageal Grasping Forceps Horizontal Jaw**

30" / without ratchet / 4.5 mm jaw width

1404-881H  
1404-881HT 1 x 2T

30" / without ratchet / malleable / 4.5 mm jaw width

1404-881HM  
1404-881HMT 1 x 2T

30" / with ratchet / 4.5 mm jaw width

1404-881HR  
1404-881HTR 1 x 2T

30" / without ratchet / malleable / 4.5 mm jaw width

1404-881HRM  
1404-881HRMT 1 x 2T  
1404-881HRMTL left



1x2 teeth



horizontal jaw



1404-881HRM

**Embertson Esophageal Epiglottis Scissors**

30" (75 cm) long / Metzenbaum tip / curved shaft

1404-883  
1404-883B black coated



1404-883B

**Equine Epiglottis Entrapment Knife**

29" (74 cm) handle / includes one blade

1404-885  
1404-890 single blade only  
1404-8902 double blade only

\* Extra long instrument. Many Extra long instruments are also available, including:

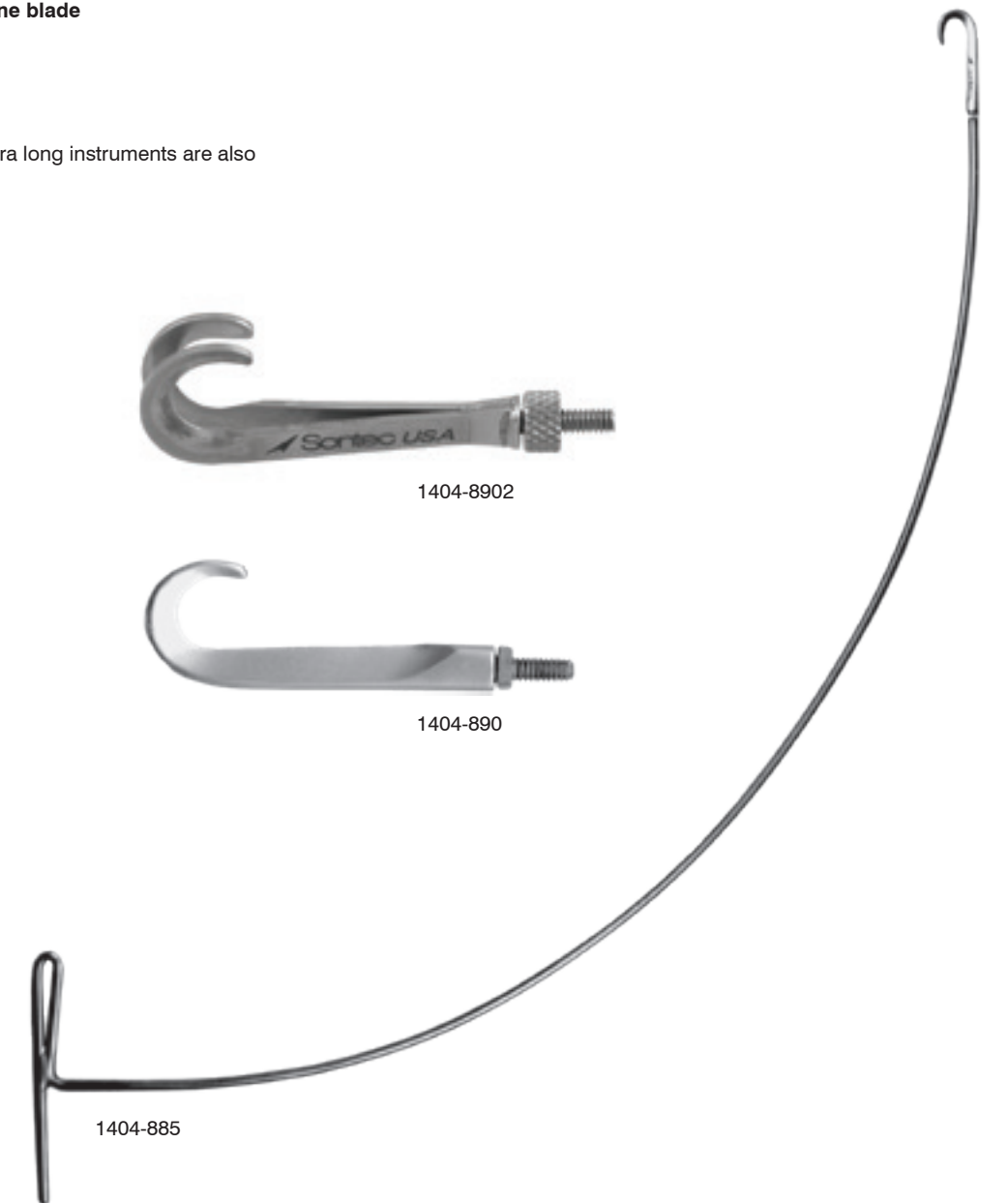
- Extra long scissors
  - Extra long needle holders
  - Extra long forceps
  - Extra long knife handles
- Please call Sontec® for details



1404-8902



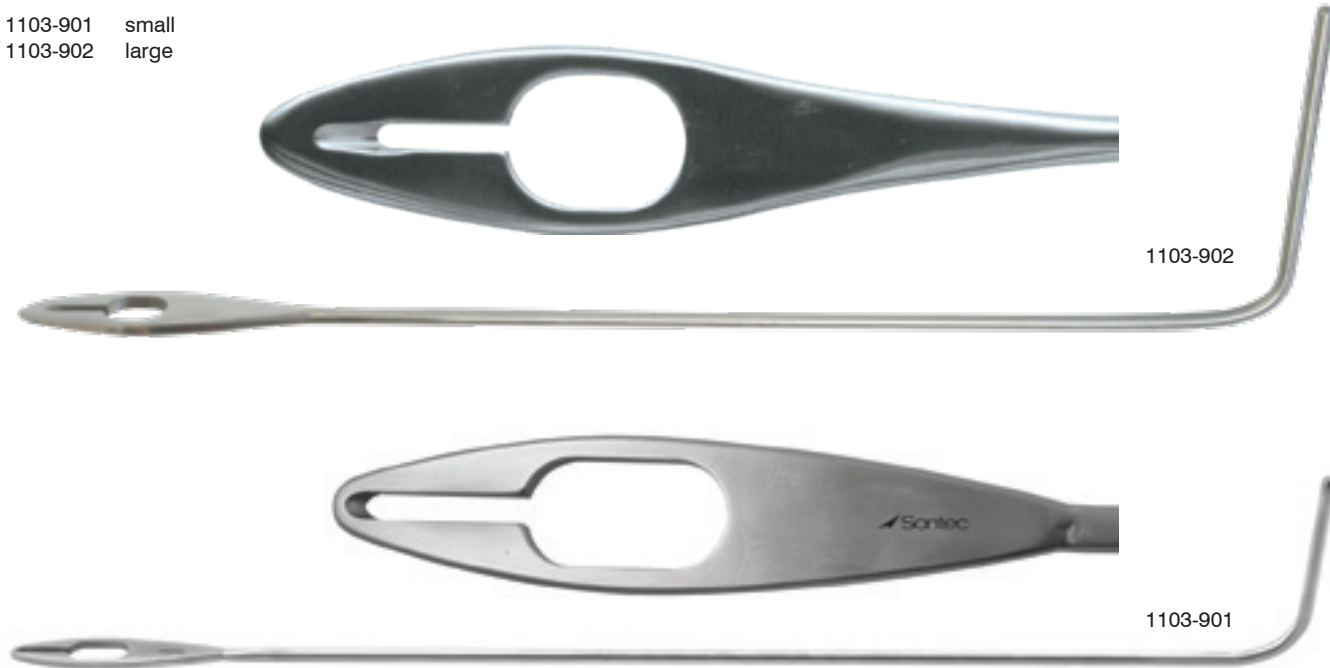
1404-890



1404-885

**Willis Ovariotome**

19" (48.5 cm)  
 1103-901 small  
 1103-902 large



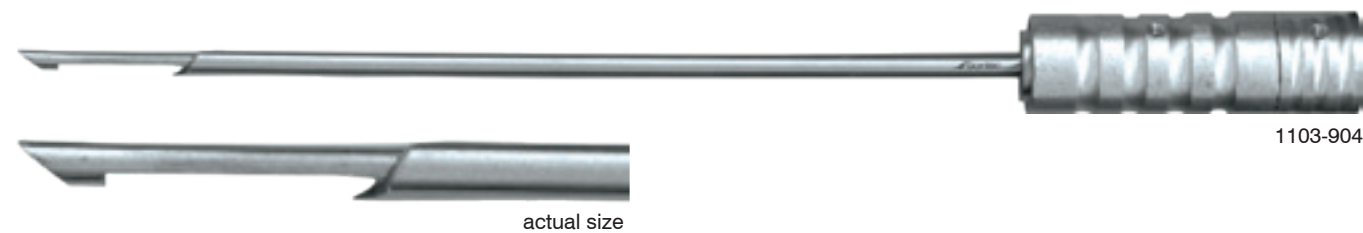
**Ecrasseur Chain**

With Ratchet / for spaying  
 / approx. 19" (47.5 cm) in  
 length  
 1100-907



**Courtney Large Animal  
 Liver Biopsy**

With screws / 13" (33 cm)  
 1103-904



actual size

**Scudder Intestinal Clamp**

Heavy / 20.5" (52 cm)  
 1404-895



Double screw end / 20.5" (52 cm)  
 1404-897



**Uterine Equine Tenaculum Forceps**

2 x 2 tenaculum teeth / 19" (48 cm)  
 1404-945



1404-945

**Serra Emasculator**

With ratchet / 15" (38 cm)  
1100-902



1100-902

**Reimer Emasculator**

With ratchet / 12 1/2" (32 cm)  
1100-904



1100-904

**Serra Modified Emasculator**

Curved / 14" (35.5 cm)  
1100-903  
1100-905 w/ ratchet



1100-903



1100-905

**University of Pennsylvania Equine Biopsy**

5 mm x 20 mm jaw / 26" (66 cm) shaft

1100-728  
1100-728S detachable handle 360° rotating shaft



1100-728

actual size



1100-728S

**Uterine Equine Forceps**

Serrated jaw / 19 1/2" (49 cm)

1404-940



1404-940

**Knowles Equine Uterine Grasper**

Serrated / 1 x 2 teeth / 19 1/2" (49 cm)

1404-942

\* 3 staggered meshing teeth for maximum grasping power.



1404-942

**Virginia Roaring Burr Short**

9" (23 cm)

1271-281D right clockwise is for the left ventricle  
1271-282 left counter clockwise is for the right ventricle

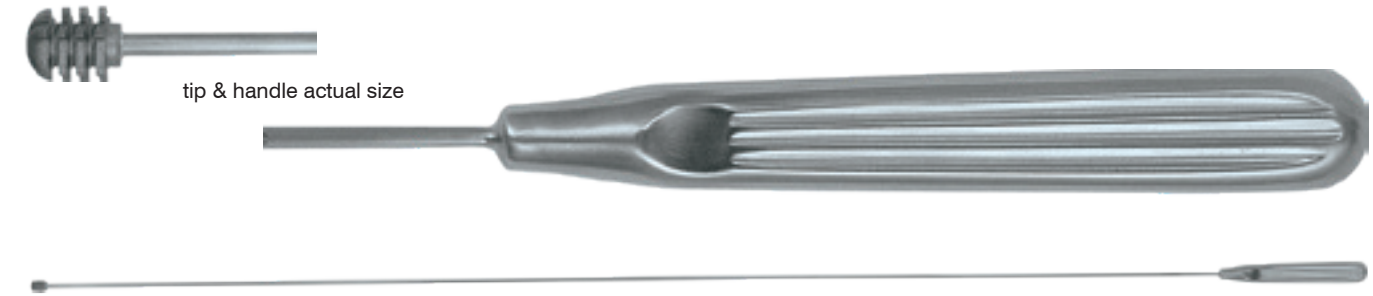
1271-281D



**Virginia Roaring Burr Long**

41 1/2" (104 cm)

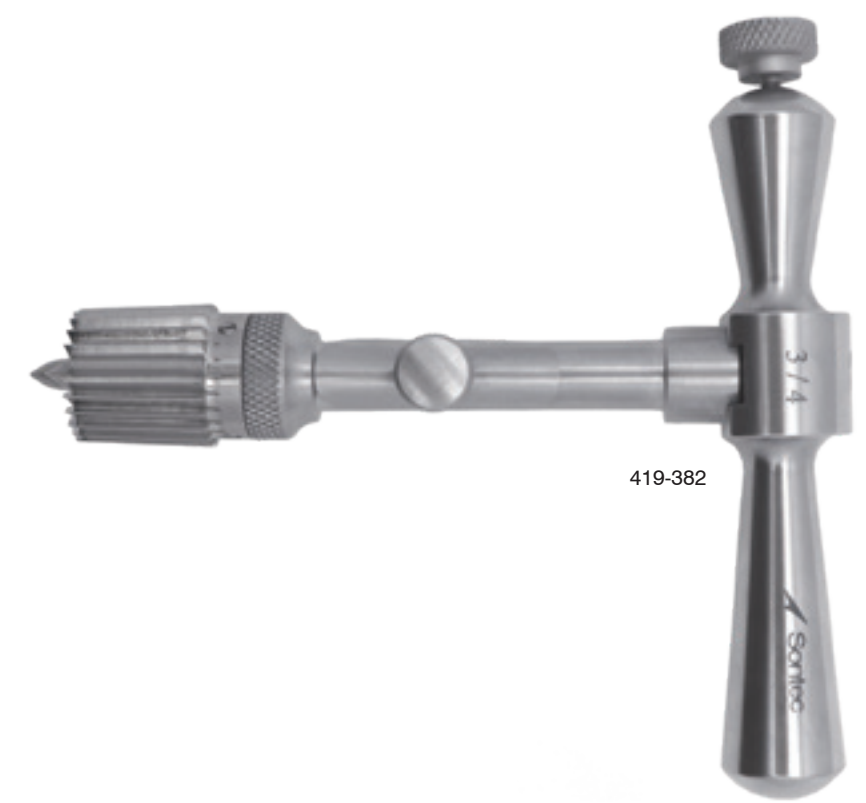
1271-283 right long-clockwise is for the left ventricle  
1271-284 left long-counter clockwise is for the right ventricle



tip & handle actual size

**Galt Trepine**

419-378 1/2" / 13 mm  
419-380 5/8" / 16 mm  
419-382 3/4" / 19 mm  
419-384 7/8" / 22 mm  
419-386 1" / 25 mm



419-382



**Tap Sleeve & Insert Drill Sleeve Set**

- 1103-162S set
- 1103-161 Taylor Universal drill guide handle
- 1103-162A tap sleeve 4.5 mm
- 1103-162B insert drill sleeve for 3.2 mm

\* The toothed tip prevents slipping on the bone



1103-162S



drill sleeve spacer

1103-162B

1103-162A

1103-161

**Baby Poole Suction**

Curved / 17 french / 8" (20.3 cm)

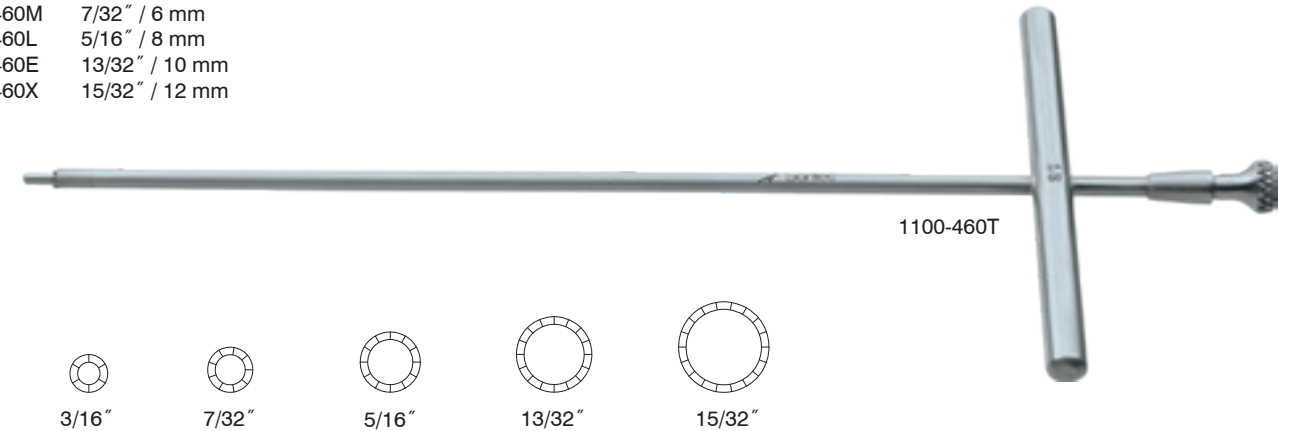
180-420



180-420

**Michele Trephine**

- 1100-460T 1/8" / 3 mm special diameter
- 1100-460S 3/16" / 5 mm
- 1100-460M 7/32" / 6 mm
- 1100-460L 5/16" / 8 mm
- 1100-460E 13/32" / 10 mm
- 1100-460X 15/32" / 12 mm

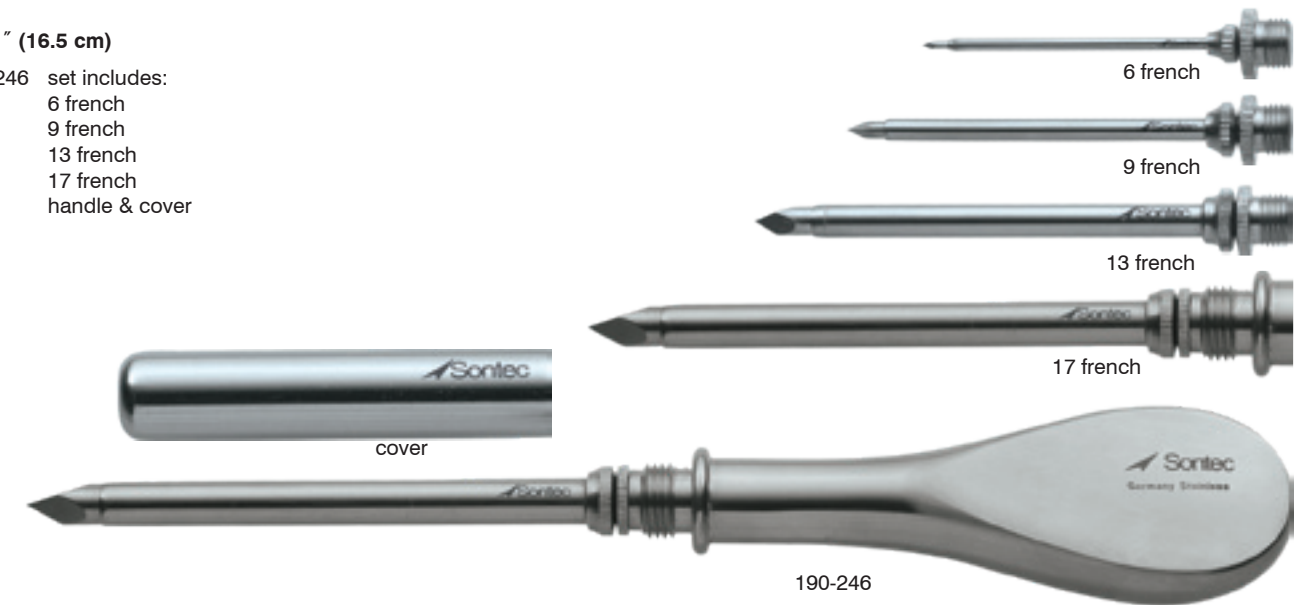


1100-460T

**Nested Trocar Set**

6 1/2" (16.5 cm)

- 190-246 set includes:
- 6 french
- 9 french
- 13 french
- 17 french
- handle & cover



6 french

9 french

13 french

17 french

cover

190-246

**Duke Trocar & Drainage Set**

Set includes-trocar, 15 french, 4 1/2" (11.5 cm) / cannula, 17 french, 5 1/2" (14 cm)

190-260



trocar

cannula

**Castroviejo Equine Eye Speculum**

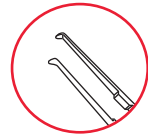
1" / 25 mm blades / 4 3/4" ( cm)  
10-1704

10-1704

**Hoffman Utrata Capsulorhexis Forceps**

Stainless / flat handle

14-5383  
14-5389 17 mm long jaw



14-5389

Titanium / flat handle

T14-5383  
T14-5383R round knurled handle  
T14-5389 17 mm long jaw



T14-5383



T14-5383R

**Wells Enucleation Spoon**

Angled head

12-4750



12-4750

**Enucleation Scissors**

PC Gold / 5 1/4" (13 cm)

13-9805 light curve  
13-9810 medium curve  
13-9820 full curve  
13-9822 full curve PC Black



13-9820

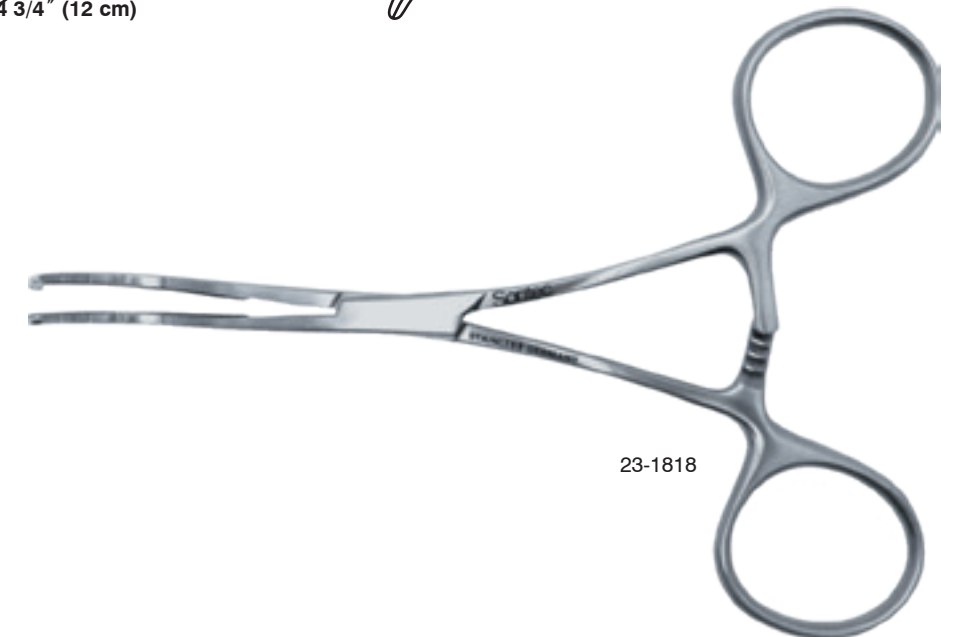


13-9822

**Castaneda Enucleation Clamp Forceps**

Autramatic curved jaw / curved shank / 4 3/4" (12 cm)

23-1818



23-1818

**Bone Reduction Clamp Extra Large**

Oversized / extra long ratchet / 12" (30 cm)

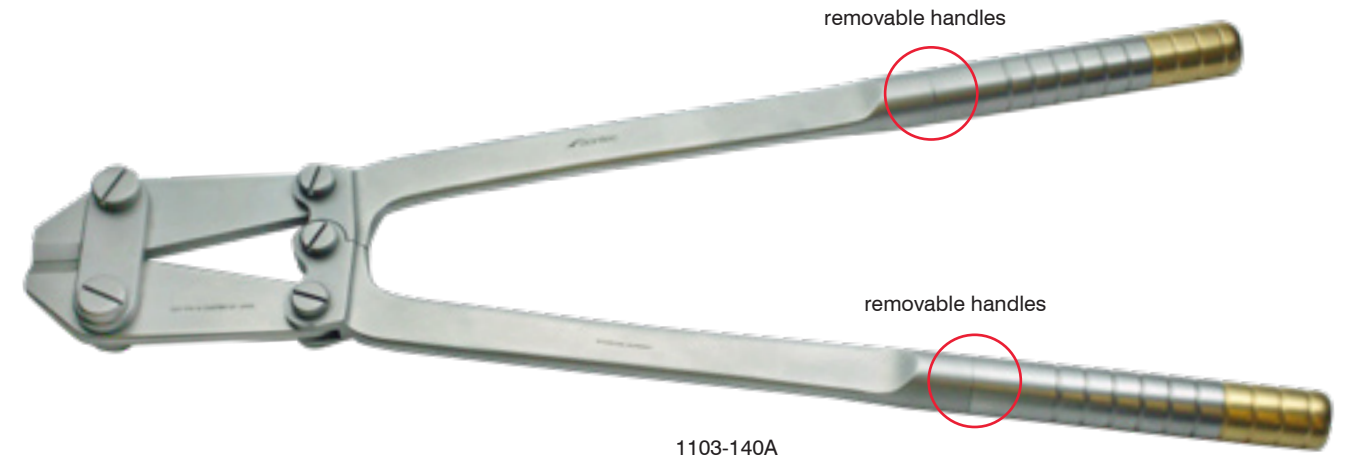
- 1103-049 extra-long prongs
- 1103-049L extra-long shanks



**TC Pin Cutter**

Cuts pins up to 6.4 mm / replaceable jaws

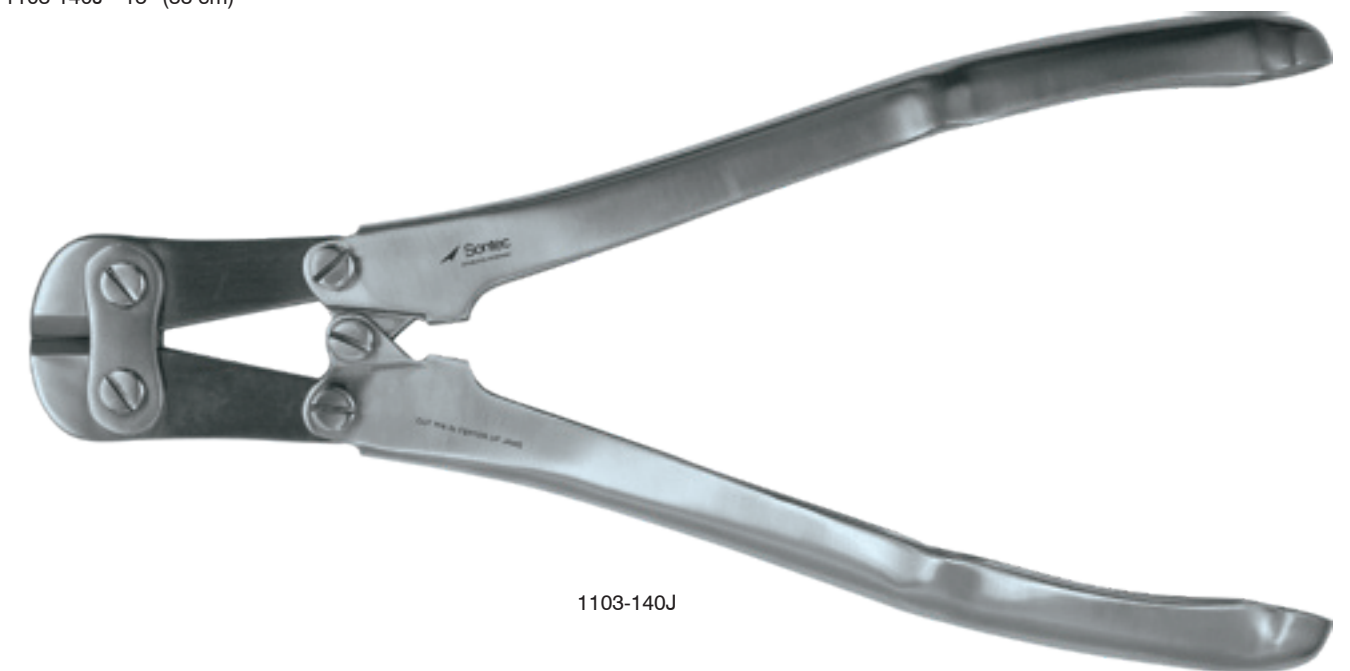
- 1103-140 19" (48 cm) special order
- 1103-140A 19" (48 cm) handles are removable for smaller autoclaves



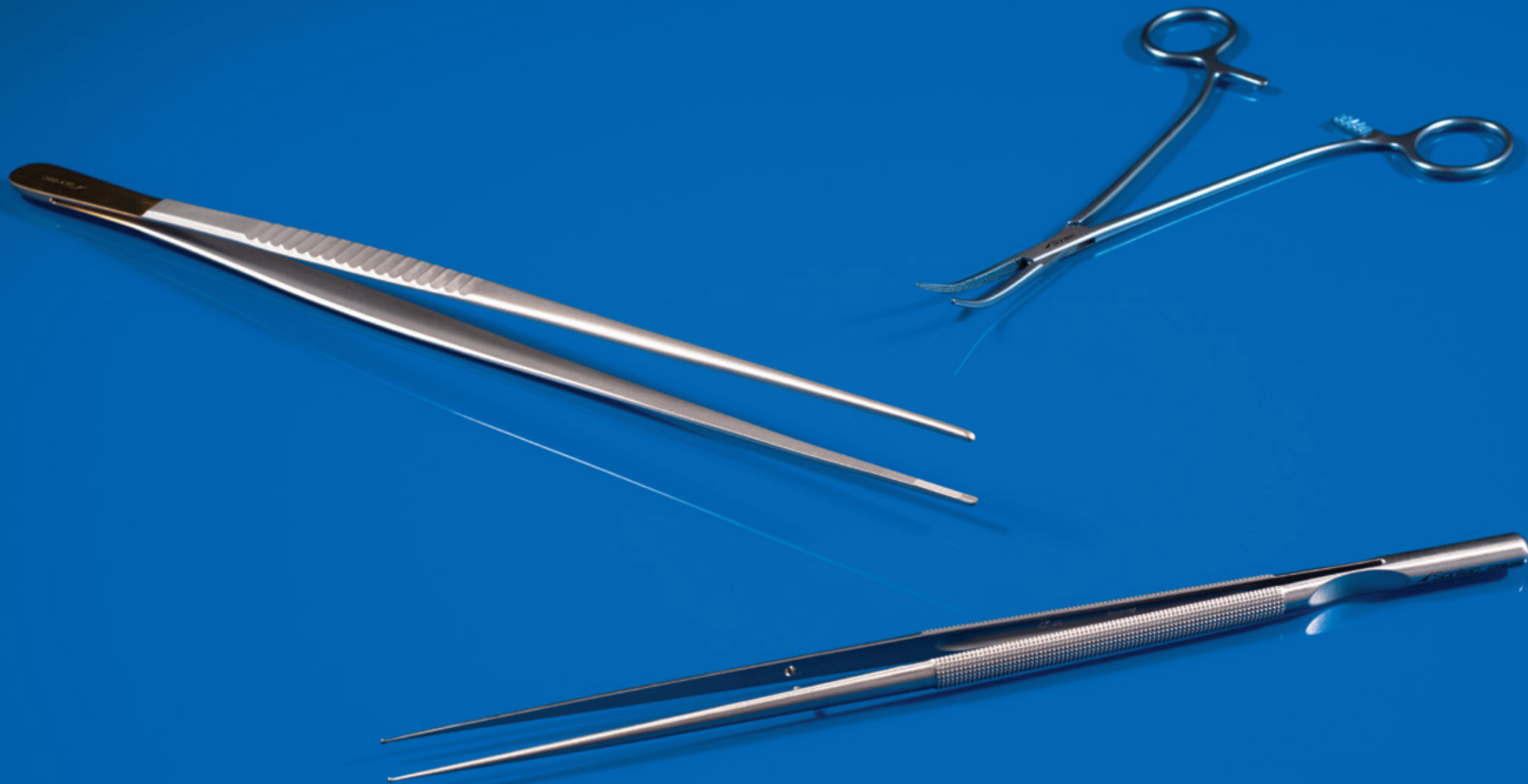
**Pin Cutter Specialty Harden Jaws**

Cuts pins up to 4 mm

- 1103-140J 15" (38 cm)







 Sontec Instruments®

Forceps



**Foerster Sponge Forceps**

**Serrated / straight**

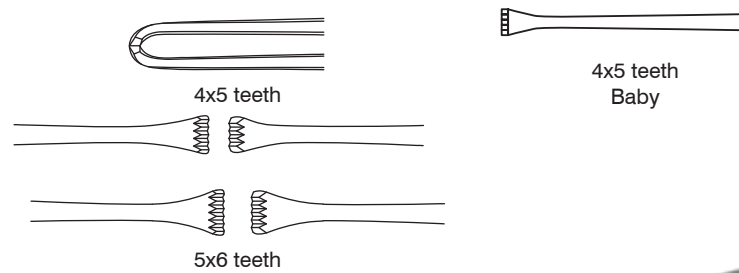
- 123-618 13" (33 cm)
- 123-617 14" (35.5 cm)
- 123-619 16" (40.5 cm)



**Allis Tissue Forceps**

**4 x 5 teeth**

- 140-315 5 1/2" (14 cm) delicate
- 140-320 6" (15 cm)

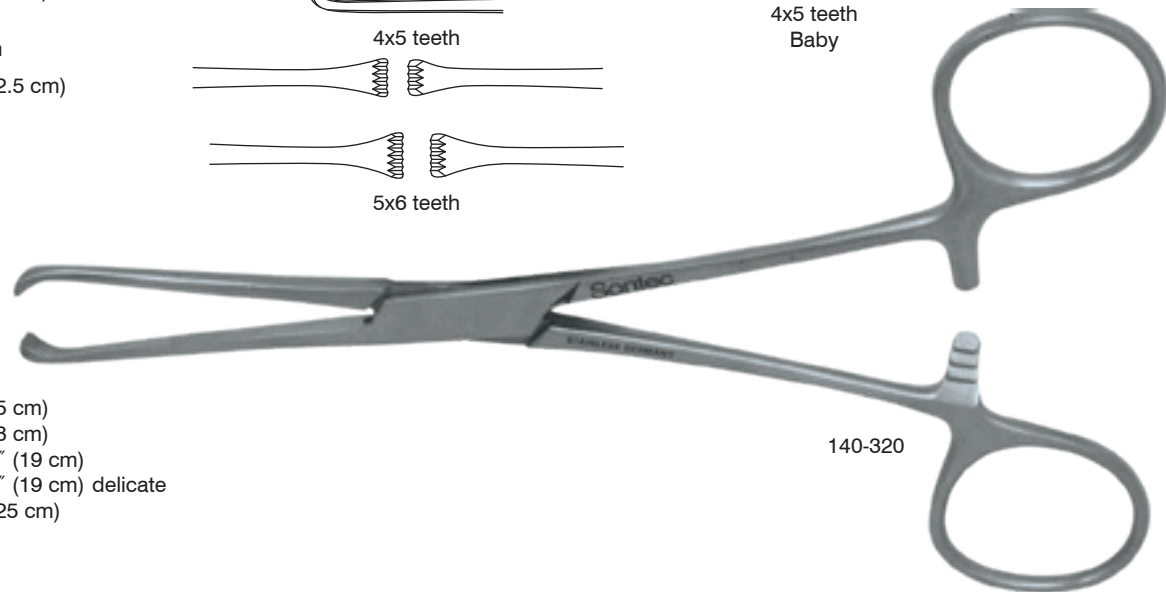


**Baby / 4 x 5 teeth**

- 140-313 5" (12.5 cm)

**5 x 6 teeth**

- 140-322 6" (15 cm)
- 140-330A 7" (18 cm)
- 140-329 7 1/2" (19 cm)
- 140-331 7 1/2" (19 cm) delicate
- 140-334 10" (25 cm)



**Allis-Willauer Tissue Forceps**

**5 x 6 teeth**

- 438-408 7 3/4" (19.5 cm)
- 438-410 10" (25 cm)
- 438-412 12" (30 cm)



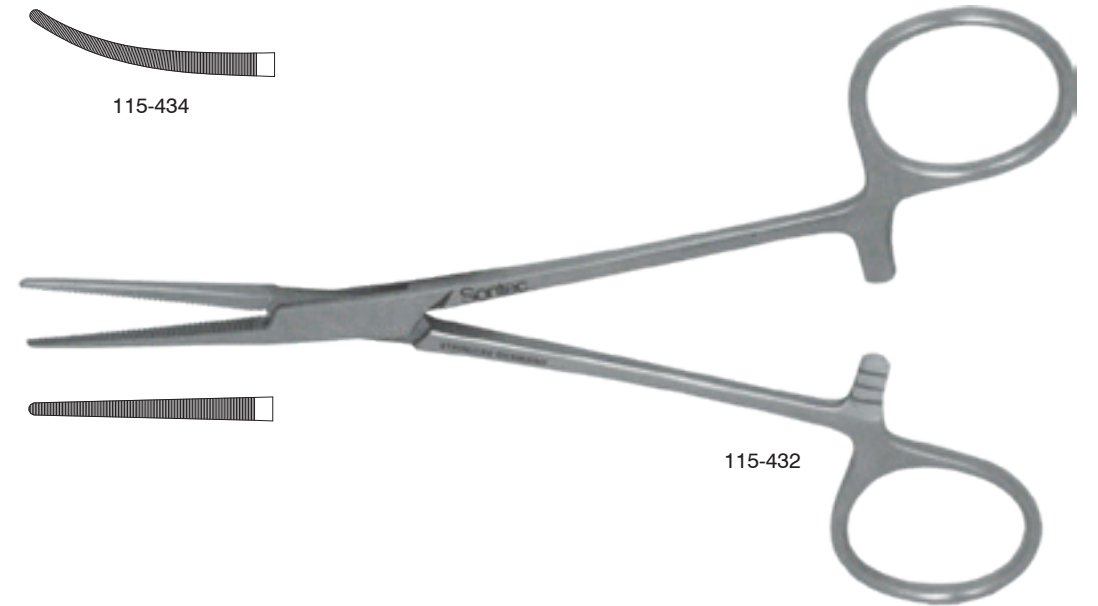
**Crile Forceps**

**5 1/2" (14 cm)**

- 115-432 straight
- 115-434 curved

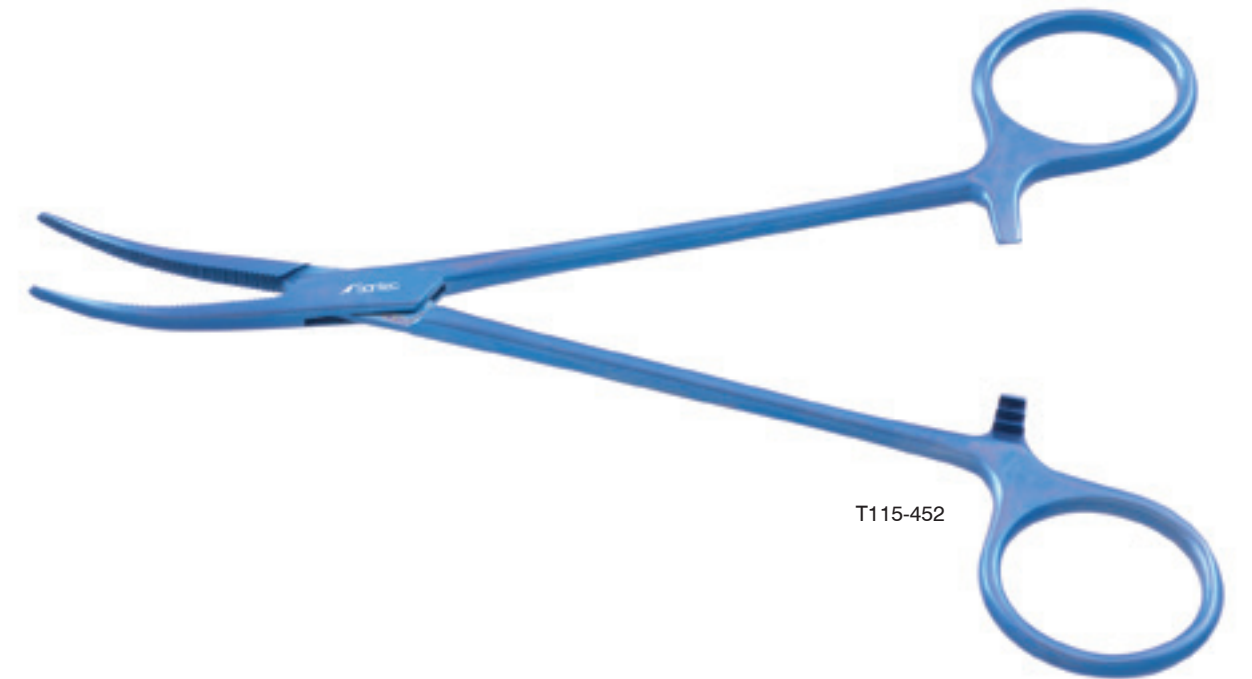
**6 1/4" (16 cm)**

- 115-450 straight
- 115-452 curved



**Titanium / 6 1/4" (16 cm)**

- T115-452 curved
- T115-450 straight



**Bainbridge Forceps**

Delicate / Longitudinal serrations with cross-serrated tip / 6" (15 cm)

- 115-600 straight
- 115-602 curved

Delicate / Longitudinal serrations with cross-serrated tip / 7 1/4" (18.5 cm)

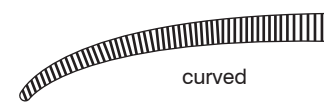
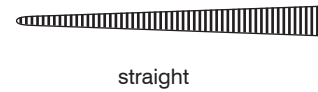
- 115-604 straight
- 115-606 curved



**Coller-Crile Forceps**

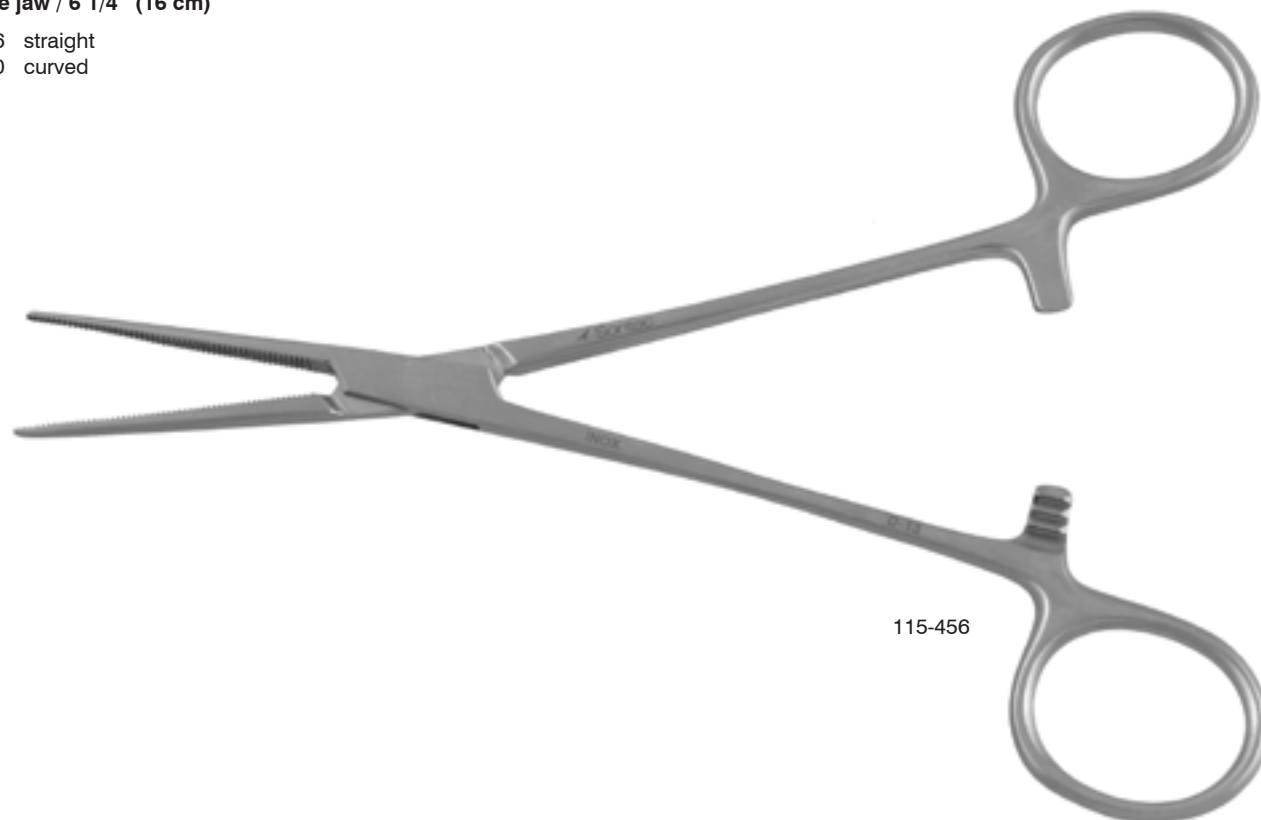
Delicate jaw / 5 1/2" (14 cm)

- 115-454 straight
- 115-458 curved



Delicate jaw / 6 1/4" (16 cm)

- 115-456 straight
- 115-460 curved



**Kelly Forceps**

5 1/2" (14 cm)

- 115-446 straight
- 115-448 curved
- 115-448L curved left handed



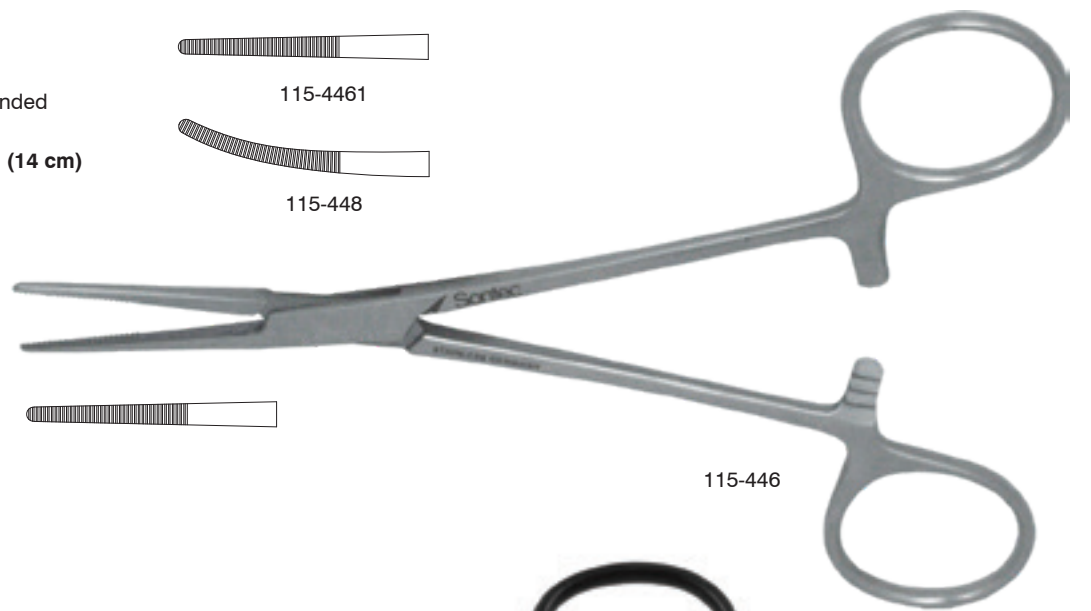
115-446



115-448

Blue electro coated / 5 1/2" (14 cm)

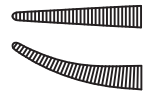
- 115-4461 straight
- 115-4481 curved



**Hartman Mosquito Forceps**

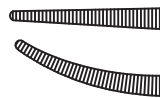
**Delicate / 3 1/2" (9 cm)**

- 115-426D straight
- 115-428D curved



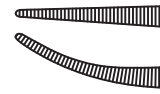
**Standard / 3 1/2" (9 cm)**

- 115-426 straight
- 115-428 curved



**Delicate / 4" (10 cm)**

- 115-425D straight
- 115-427D curved

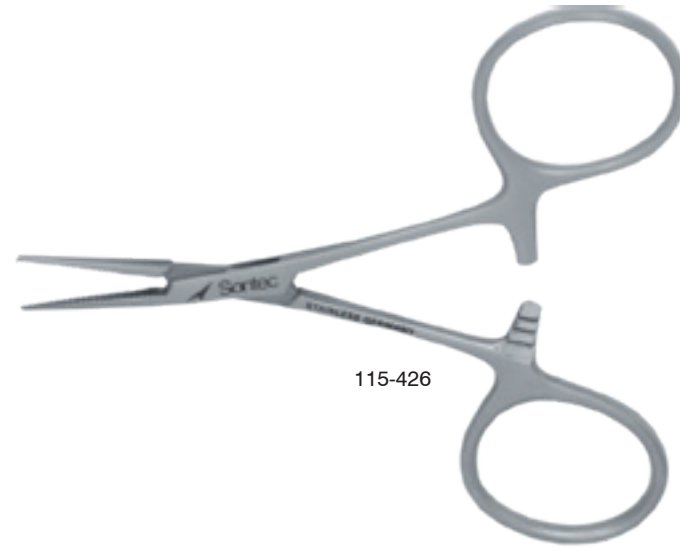


**Shank angled on flat / straight/ 3 1/2" (9cm)**

- 115-429



straight

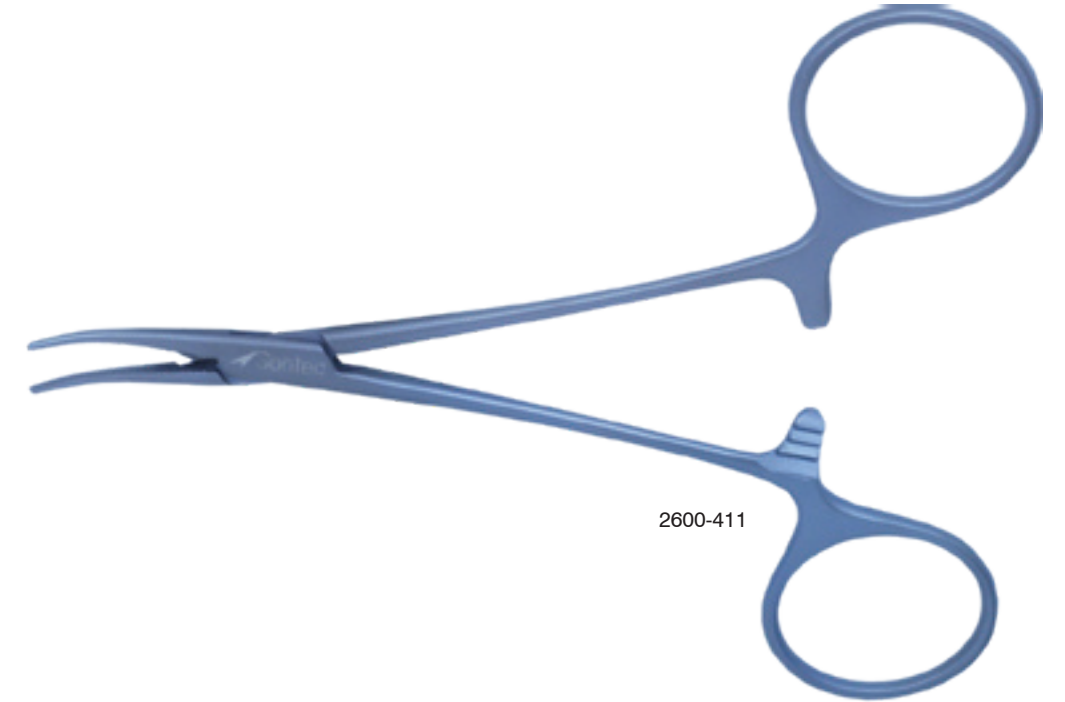


115-426

**Halstead Mosquito Forceps Titanium**

**5" (12.5 CM)**

- 2600-409 straight
- 2600-411 curved



2600-411

**Halstead Mosquito Forceps**

**Standard / non-magnetic / 5" (13 cm)**

- 115-413 straight
- 115-414 curved

**Standard / 1 x 2 teeth / 5" (13 cm)**

- 115-422 straight
- 115-424 curved

**Specially tapered jaws / straight / 1 x 2 micro teeth / 5" (13 cm)**

- 115-422M



**Halstead Mosquito Forceps**

**Standard / 5" (13 cm)**

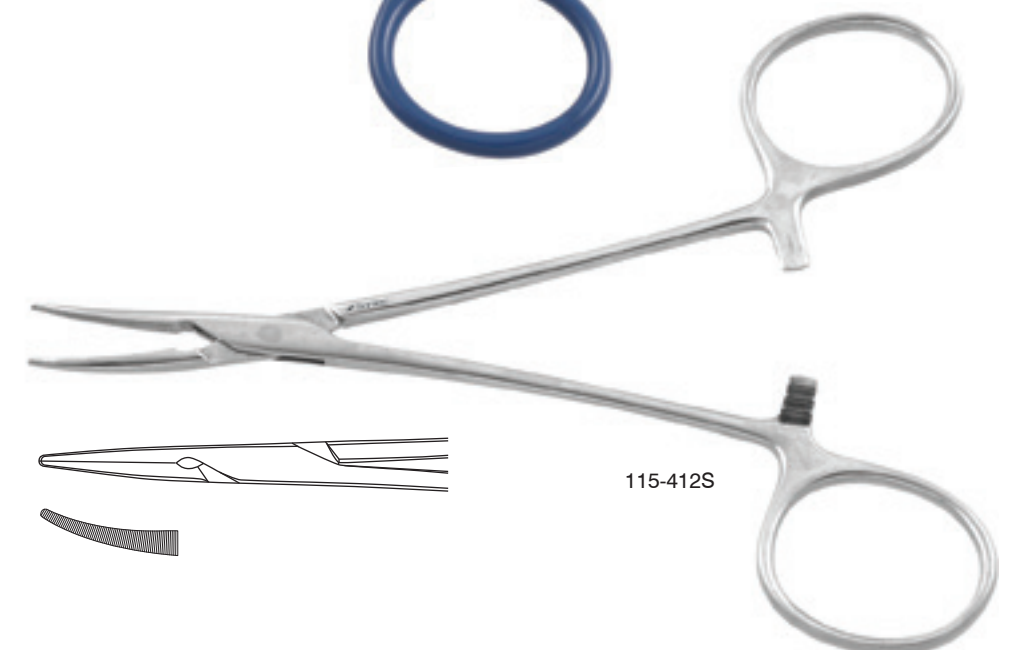
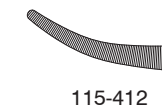
- 115-410 straight
- 115-412 curved
- 1100-140L curved left

**Blue coated / standard / 5" (13 cm)**

- 115-4121 curved

**Curved/ streamlined/ 5" (13 cm)**

- 115-412S

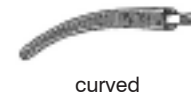




**Mosquito Forceps**

Standard / 6 1/4" (15.5 cm)

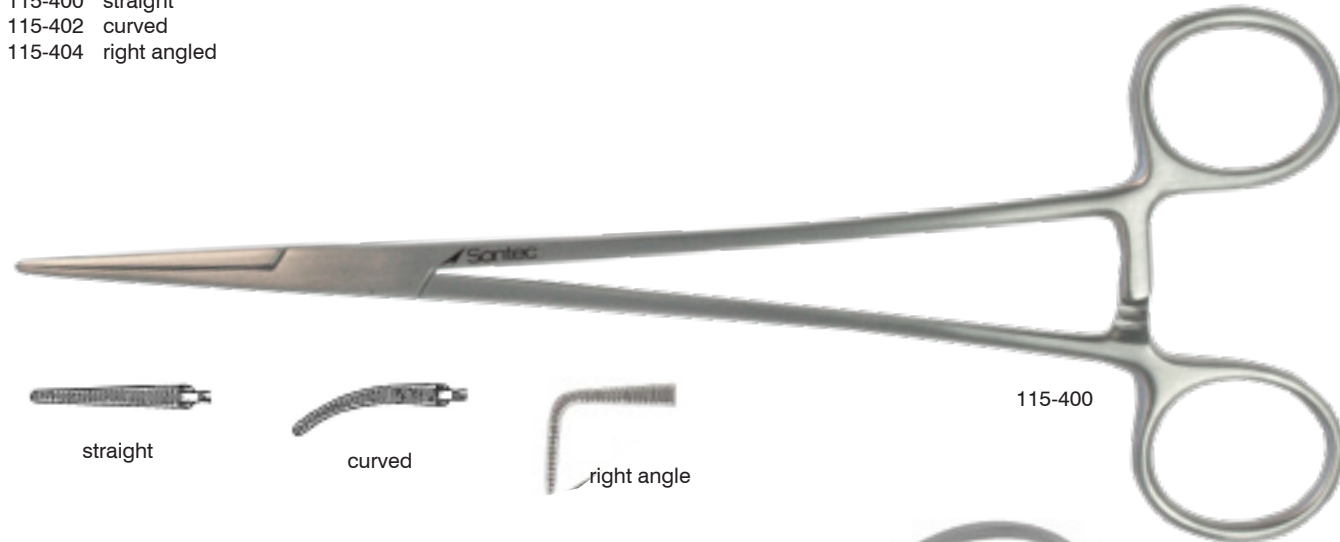
115-408 curved



115-408

Standard / 8 1/4" (21 cm)

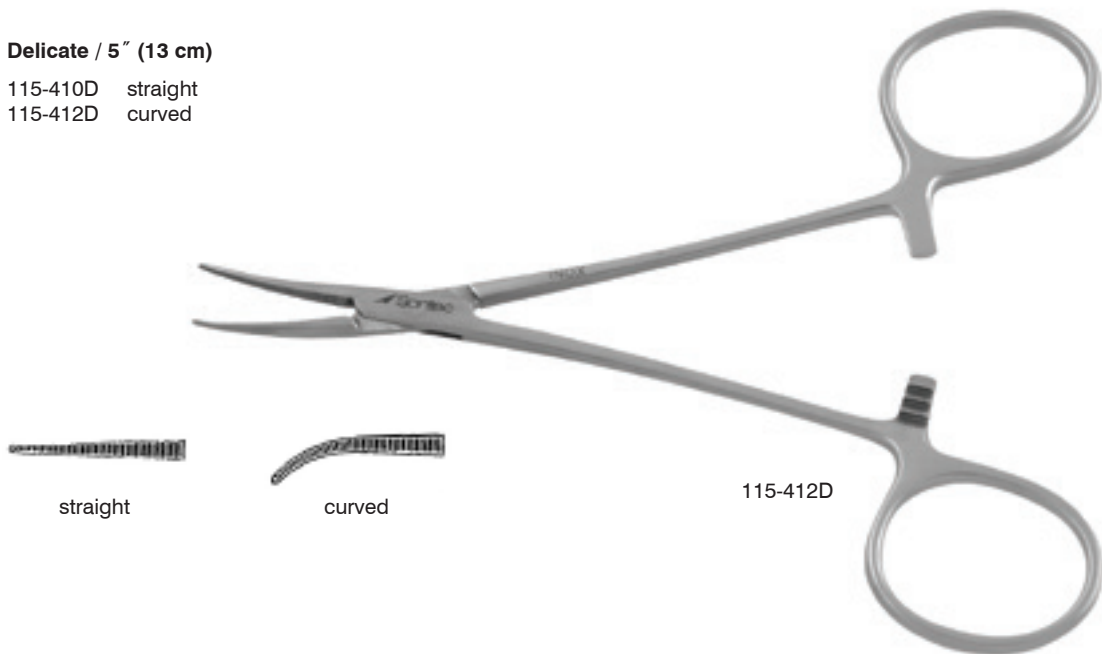
115-400 straight  
115-402 curved  
115-404 right angled



115-400

Delicate / 5" (13 cm)

115-410D straight  
115-412D curved



115-412D

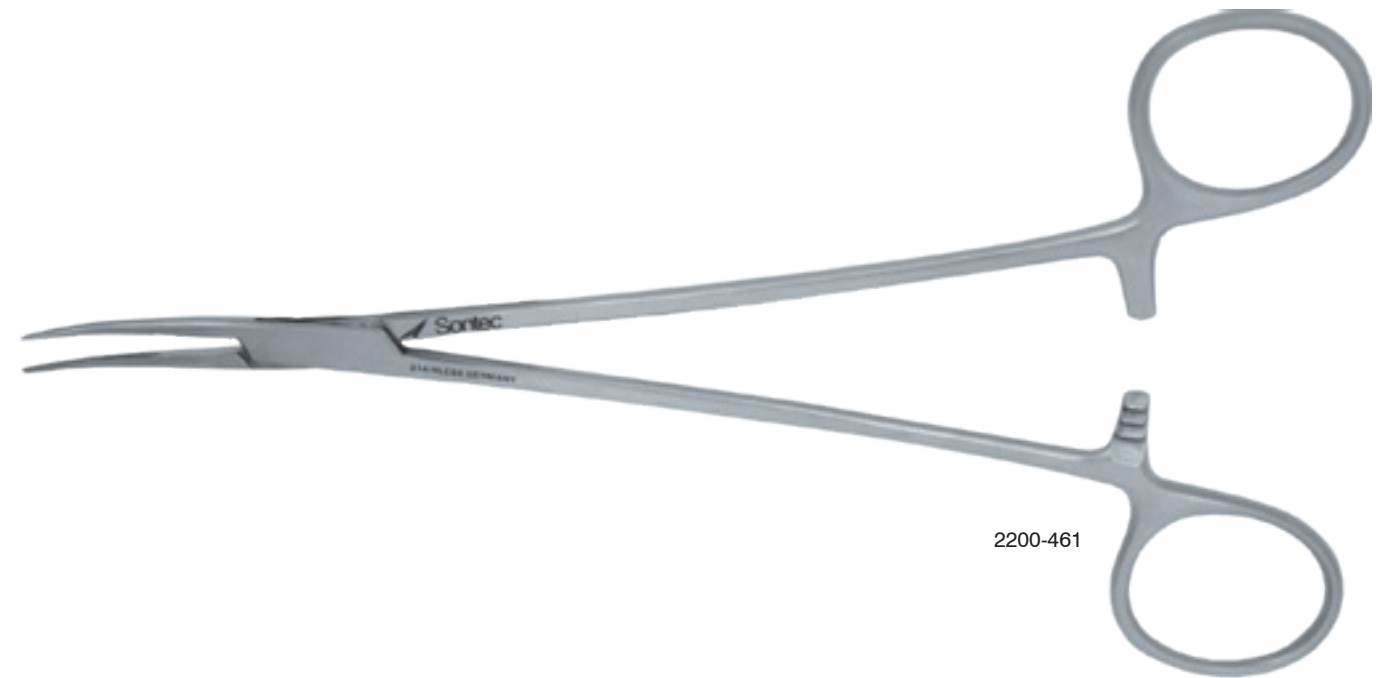
**Halstead Mosquito Forceps**

Petit Point / curved

115-407 6" (14 cm)  
2200-461 7" (17.8 cm)



115-407



2200-461

**Rochester-Pean Forceps**

**Serrated / 5 1/2" (14 cm)**

- 115-480 straight
- 115-482 curved

**Serrated / 6 1/4" (16 cm)**

- 115-484 straight
- 115-486 curved

**Serrated / 7 1/4" (18.5 cm)**

- 115-490 straight
- 115-492 curved

**Serrated / 8" (20 cm)**

- 115-500 straight
- 115-502 curved

**Serrated / 9" (23 cm)**

- 115-506 straight
- 115-508 curved

**Serrated / 10 1/4" (25.5 cm)**

- 115-514 straight
- 115-515 curved

**Serrated / 12" (30 cm)**

- 115-510 straight
- 115-512 curved



115-484

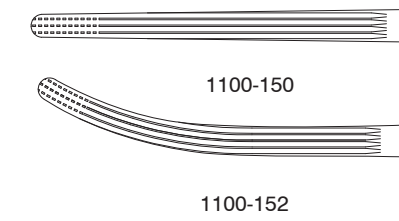


115-508

**Rochester-Carmalt Forceps**

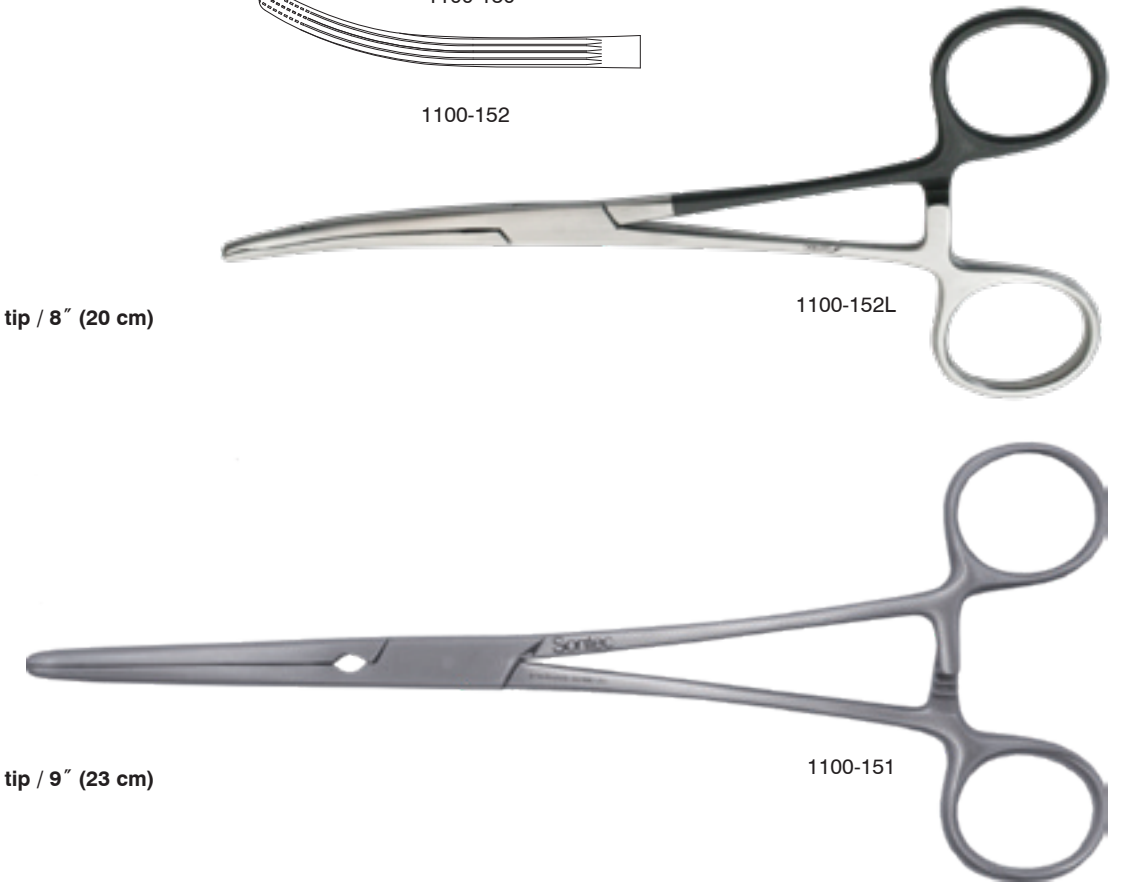
**Serrated / cross-serrated tip / 6 1/4" (16 cm)**

- 1100-150 straight
- 1100-152 curved
- 1100-152L curved left



**Serrated / cross-serrated tip / 8" (20 cm)**

- 1100-151 straight
- 1100-153 curved



1100-152L



1100-151

**Serrated / cross-serrated tip / 9" (23 cm)**

- 438-614 straight
- 438-615 curved

**Serrated / cross-serrated tip / 10" (25 cm)**

- 438-610 straight
- 438-611 curved



438-610

**Serrated / cross-serrated tip / 12" (31 cm)**

- 438-612 straight
- 438-613 curved

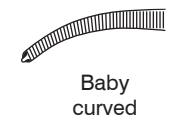
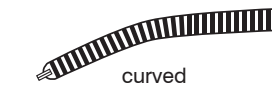
**Kocher Forceps**

1 x 2 teeth / 5 1/2" (14 cm)

- 115-550 straight
- 115-552 curved

**Baby / 1 x 2 teeth / 5" (12.7cm)**

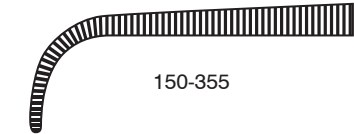
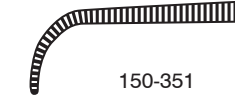
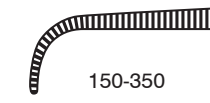
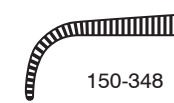
- 115-422K straight
- 115-424K curved



**Jacobson-Gemini Mixer Right Angle Forceps**

Full curve

- 150-348 5" (12.7 cm)
- 150-349 5 1/2" (14 cm)
- 150-350 6 1/4" (16 cm)
- 150-351 7 1/8" (18.25 cm)
- 150-353 8" (20 cm)
- 150-355 9" (23 cm)



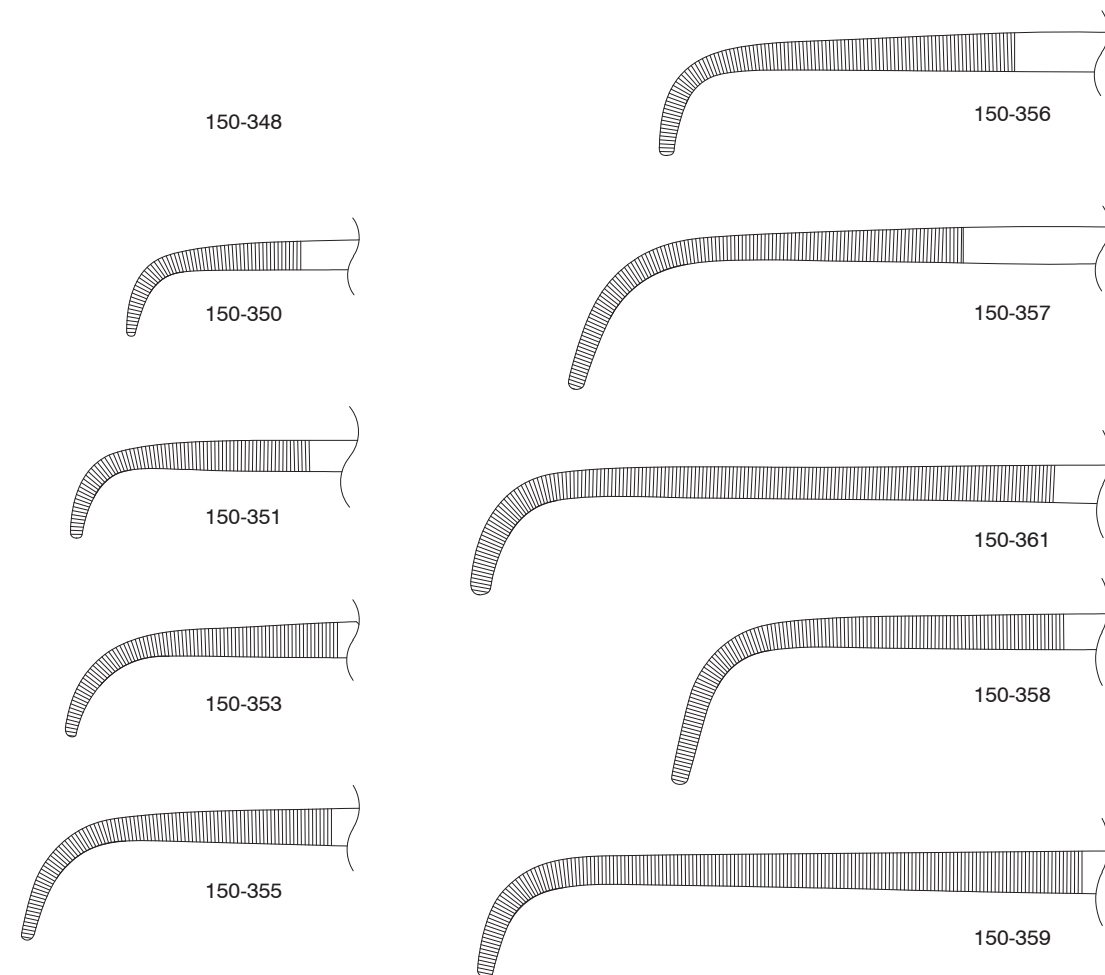
**Jacobson-Gemini Mixer Right Angle Forceps**

**Full curve**

- 150-348 5" (12.7 cm)
- 150-349 5 1/2" (14 cm)
- 150-350 6 1/4" (16 cm)
- 150-351 7 1/8" (18.25 cm)
- 150-353 8" (20 cm)
- 150-355 9" (23 cm)
- 150-356 10" (25.5 cm)
- 150-357 11" (28 cm)
- 150-361 12" (30.5 cm)
- 150-358 14" (35.5 cm)
- 150-359 16" (40.5 cm)



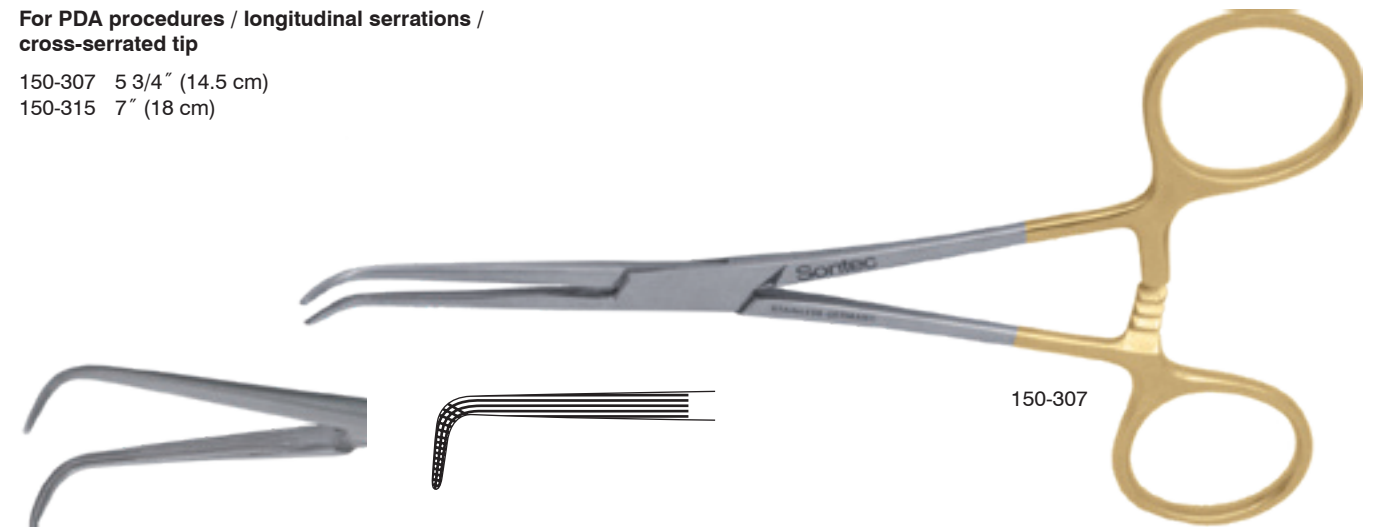
150-348



**Olsen-Lahey Right Angle Forceps**

For PDA procedures / longitudinal serrations / cross-serrated tip

- 150-307 5 3/4" (14.5 cm)
- 150-315 7" (18 cm)



150-307

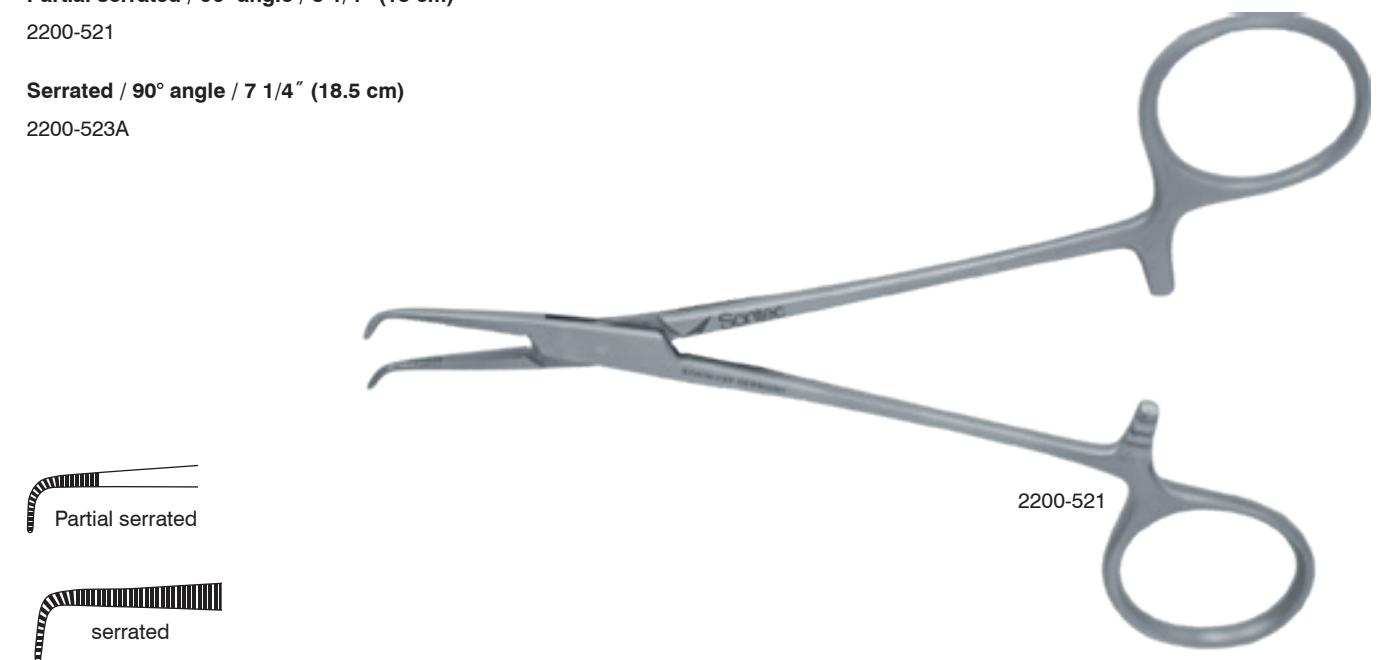
**Micro Tip Mixer Right Angle Forceps**

Partial serrated / 90° angle / 5 1/4" (13 cm)

2200-521

Serrated / 90° angle / 7 1/4" (18.5 cm)

2200-523A



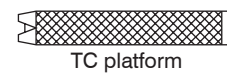
2200-521



**Long Tissue Forceps**

**12" (30 cm)**

- 1100-859 1 x 2 teeth
- 1100-858 2 x 3 teeth



1100-859

**TC platform / 12" (30 cm)**

- 1100-863 1 x 2 teeth
- 1100-862 2 x 3 teeth

**14" (35.5 cm)**

- 1100-874 1 x 2 teeth
- 1100-878 2 x 3 teeth

**TC platform / 14" (35.5 cm)**

- 1100-875 1 x 2 teeth
- 1100-879 2 x 3 teeth

**16" (40.5 cm)**

- 1100-876 1 x 2 teeth
- 1100-880 2 x 3 teeth



1100-880

**TC platform / 16" (40.5 cm)**

- 1100-877 1 x 2 teeth
- 1100-881 2 x 3 teeth



1100-861

**18" (45.5 cm)**

- 1100-861 1 x 2 teeth
- 1100-860 2 x 3 teeth



1100-881

**TC platform / 18" (45.5 cm)**

- 1100-865 1 x 2 teeth
- 1100-864 2 x 3 teeth

**Thumb Dressing Forceps**

**Serrated**

- 136-600 4" (10 cm)
- 136-602 4 1/2" (11.5 cm)
- 136-605 5" (13 cm)
- 136-607 5 1/2" (14 cm)
- 136-610 6" (15.5 cm)
- 136-613 7" (18 cm)
- 136-615 8" (20.5 cm)
- 136-617 10" (25.5 cm)
- 136-619 12" (30.5 cm)

**TC serrated**

- 1100-739B 6" (15.5 cm)
- 1100-739A 7" (18 cm)



136-607

**Tissue Forceps with Teeth**

**1 x 2 teeth**

136-621	4 1/2" (11.5 cm)	
136-624	5" (12.7 cm)	
136-626	5 1/2" (14 cm)	
136-629	6" (15.5 cm)	
136-632	7" (18 cm)	
136-632B	7" (18 cm)	electro blue coated
136-634	8" (20.5 cm)	
136-636	10" (25.5 cm)	



136-632B

**2 x 3 teeth**

136-639	5" (12.7 cm)	
136-633	5" (12.7 cm)	TC serrated
136-640	5 1/2" (14 cm)	
136-637	5 1/2" (14 cm)	TC serrated
136-642	6" (15.5 cm)	
1100-179	6 1/4" (16 cm)	
136-641	6 1/4" (16 cm)	TC serrated
1100-165	7" (18 cm)	
136-643	7" (18 cm)	TC serrated
1100-167	8" (20 cm)	
136-645	8" (20 cm)	TC serrated
1100-187	9 3/4" (25 cm)	
136-649	9 3/4" (25 cm)	TC serrated
1100-169	10" (25 cm)	
136-651	10" (25 cm)	TC serrated



136-640

**3 x 4 teeth**

136-644	5 1/2" (14 cm)	
136-652	5 1/2" (14 cm)	TC serrated
136-646	6" (15 cm)	

**4 x 5 teeth**

136-648	5 1/2" (14 cm)	
136-653	5 1/2" (14 cm)	TC serrated
136-650	6" (15.5 cm)	
136-6508	8" (20.3 cm)	

**DeBakey Thoracic Forceps**

**Flat handle / 2.5 mm tip**

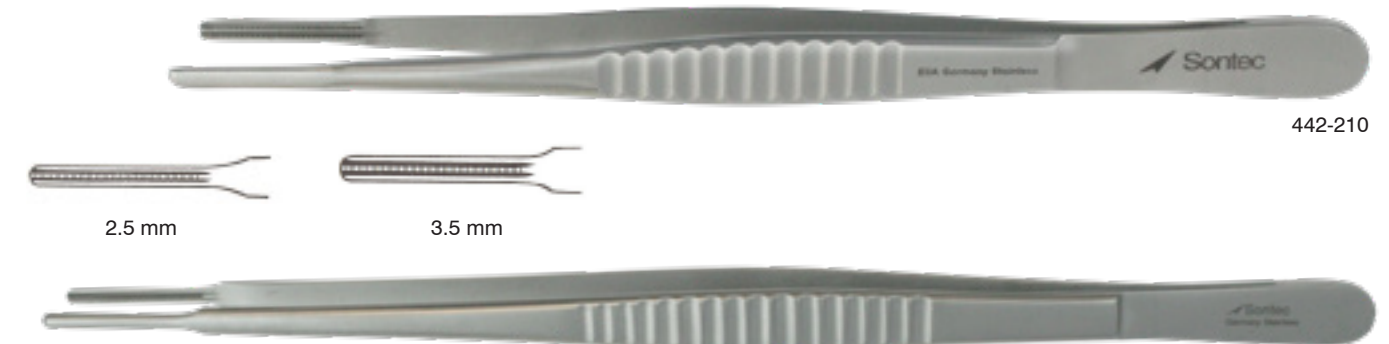
442-210	6" (15 cm)
442-212	7 3/4" (20 cm)
442-214	9 1/2" (24 cm)
442-216	12" (30.5 cm)

**Flat handle / 2.8 mm tip / 12" (30.5 cm)**

442-219

**Flat handle / 3.5 mm tip / 14" (35.5 cm)**

442-215



442-210

442-214

**Skinner Tissue Forceps**

**1 x 2 teeth / TC platform / 8" (20.5 cm)**

- 140-517M micro
- 140-517 delicate
- 140-517G standard

**1 x 2 teeth / TC platform / 9" (23 cm)**

- 140-379 micro
- 140-378 delicate
- 140-376 standard

**1 x 2 teeth / TC platform / 10" (25.5 cm)**

- 140-519M micro
- 140-519 delicate
- 140-519G standard



standard tip    delicate tip    micro tip



140-376

**Semken Forceps**

**Dressing / serrated**

- 136-702 4 3/4" (12 cm)
- 136-704 6" (15.5 cm)

**Tissue / 1 x 2 teeth / delicate / 0.7mm tip / 4 3/4" (12 cm)**

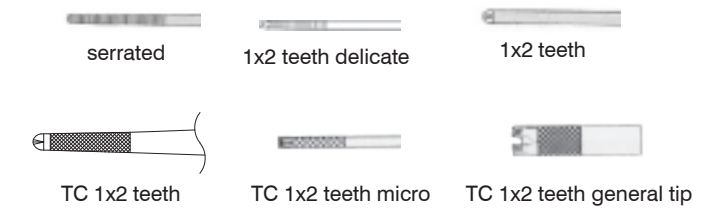
136-701

**Tissue / 1 x 2 teeth**

- 136-706 5" (13 cm)
- 136-708 6" (15.5 cm)

**Tissue / TC platform / 1 x 2 teeth**

- 140-350 5 3/4" (15 cm)
- 140-358 6 1/4" (16 cm)
- 140-364 7" (18 cm)



140-350



140-364

**Tissue / TC platform / 1 x 2 teeth / micro**

- 140-352 5 3/4" (15 cm)
- 140-360 6 1/4" (16 cm)
- 140-366 7" (18 cm)

**Tissue / TC platform 1 x 2 teeth / general**

- 140-354 5 3/4" (15 cm)
- 140-362 6 1/4" (16 cm)
- 140-368 7" (18 cm)
- 140-369 8" (20.5 cm)

**DeBakey Vascular Forceps**

6" (15 cm)

1100-183 1.5 mm tip fenestrated handle



1.5 mm DeBakey tip



1100-183

**McGravey Tissue Forceps**

5 x 6 delicate teeth

136-766 7" (18 cm)

136-767 9" (22.9 cm)



136-766

**Brown Tissue Forceps**

9 x 9 teeth

136-690 6" (15.5 cm)

136-692 8" (20.5 cm)

136-694 10" (25.5 cm)

9 x 9 teeth / TC

136-691 6" (15.5 cm)

136-695 10" (25.4 cm)



136-690

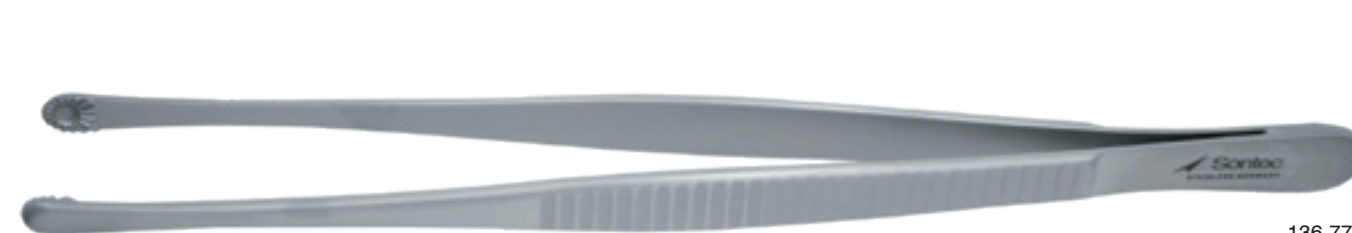
**Russian Tissue Forceps**

136-771 6" (15.5 cm)

136-773 8" (20.5 cm)

136-775 10" (25.5 cm)

136-776 12" (30.5 cm)



136-773





**Singley Tuttle Forceps**

**Serrated**

142-108	7" (18 cm)	
142-110	9" (23 cm)	
2200-0175	9" (23 cm)	large ring
142-107	10" (25 cm)	
142-111	12" (30 cm)	
142-104	14" (35.5 cm)	
142-106	16" (40.5 cm)	



142-108



**DeBakey-Adson Tissue Forceps**

1.5 mm / atraumatic DeBakey jaws / 4 3/4" (12 cm)

1100-185



1100-185

**Brown-Adson Tissue Forceps**

Serrated handle / 7 x 7 teeth / 4 3/4" (12 cm)

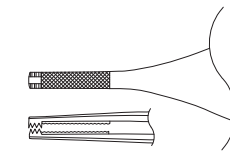
136-688 fenestrated handle  
136-688S



136-688

3 x 4 teeth / TC platform / 4 3/4" (12 cm)

136-689 serrated handle  
1100-735F fenestrated handle



TC platform  
3 X 4 teeth



136-6891

3 x 4 teeth / TC platform / electro black coated / 4 3/4" (12 cm)

136-6891 serrated handle



136-700

Russian fenestrated handle / 8 x 8 teeth / 4 3/4" (12 cm)

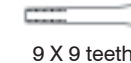
136-700



136-686

Serrated handle / 9 x 9 teeth / 4 3/4" (12 cm)

136-686  
136-686D delicate  
136-698 angled



9 X 9 teeth

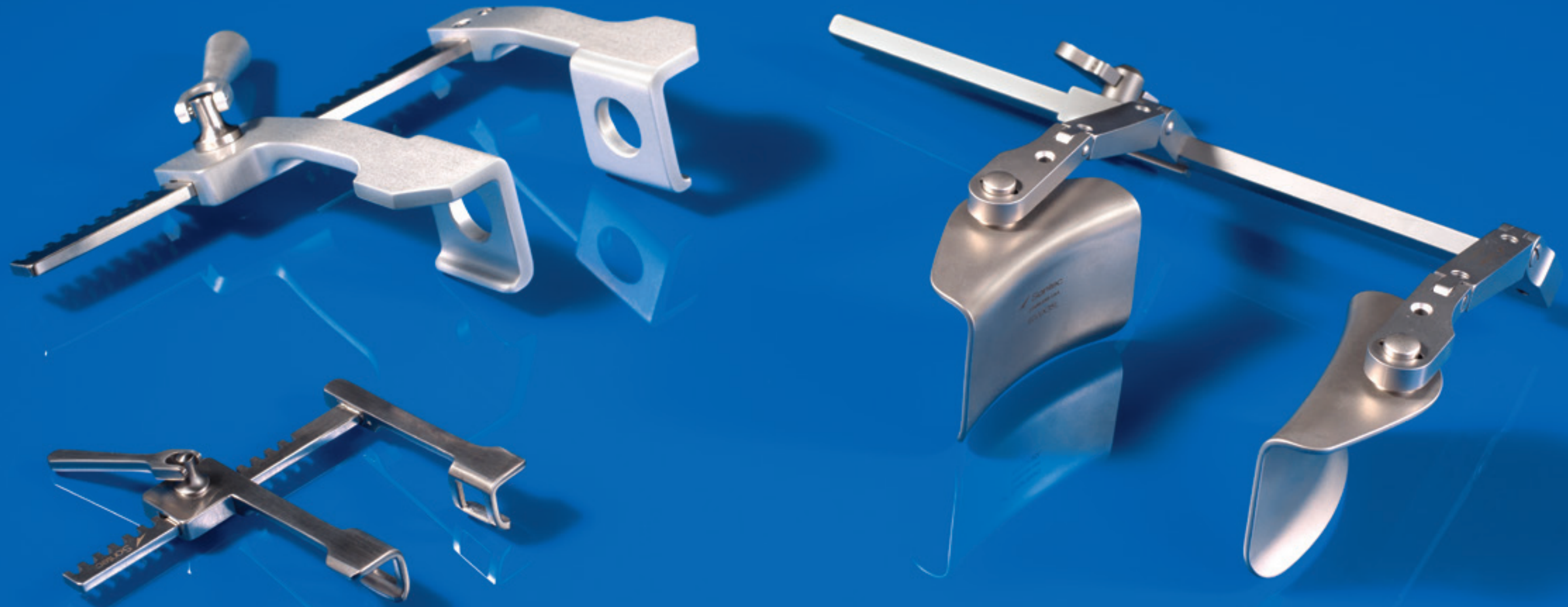


Serrated handle / 9 x 9 teeth / 6" (15.5 cm)

136-687  
136-697 TC platform



136-697



 Sontec Instruments®

Retractors

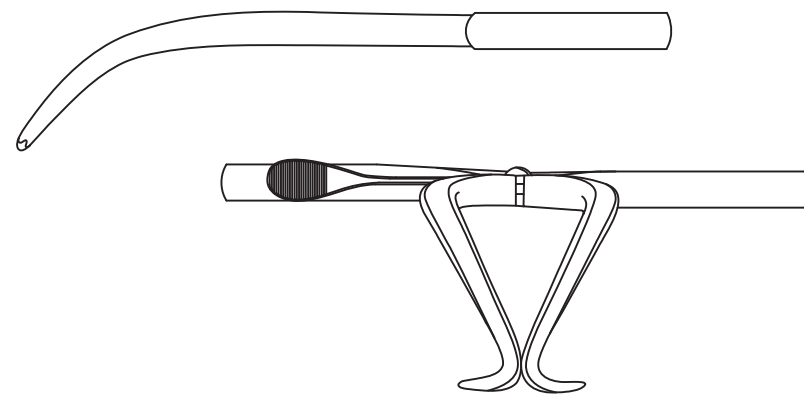
**Gelpi Classic Retractor**

**Standard**

1100-629	3 1/2" (9 cm)	micro
1100-628	3 3/4" (9.5 cm)	heavy
1100-629B	4 1/2" (11.5 cm)	
1100-6280	4 1/2" (11.5 cm)	heavy
1100-628B	5 1/2" (14 cm)	
1100-632	6 1/2" (16.5 cm)	
1100-630	7 1/2" (19 cm)	
1100-630A	8" (20 cm)	



1100-629B



**Gelpi Deep Angle Neroma (Crossover) Retractor**

**Deep angle**

1100-633H	3 1/2" (9 cm)
1100-633G	4 1/2" (11.5 cm)
1100-633F	5 1/2" (14 cm)
1100-633I	6 1/2" (16.5 cm)
1100-632R	6 3/4" (17.5 cm)
1100-630N	7 1/2" (19 cm)
1100-631N	8" (20 cm)

**Enclosed ratchet / deep angle**

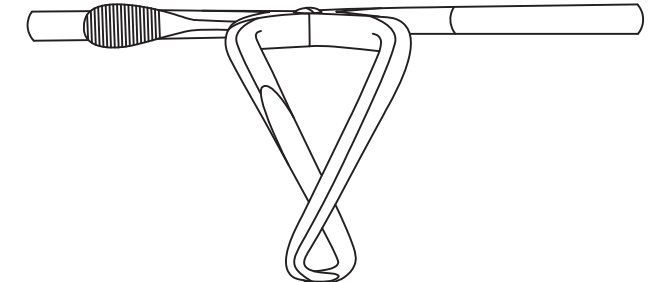
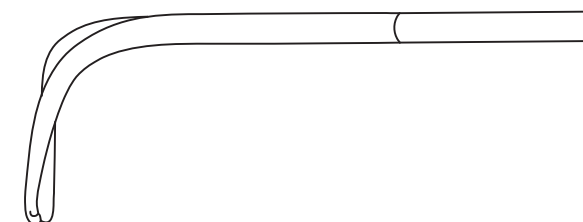
1100-633HR	3 1/2" (9 cm)
1100-633GR	4 1/2" (11.5 cm)
1100-633FR	5 1/2" (14 cm)



1100-633G



enclosed ratched

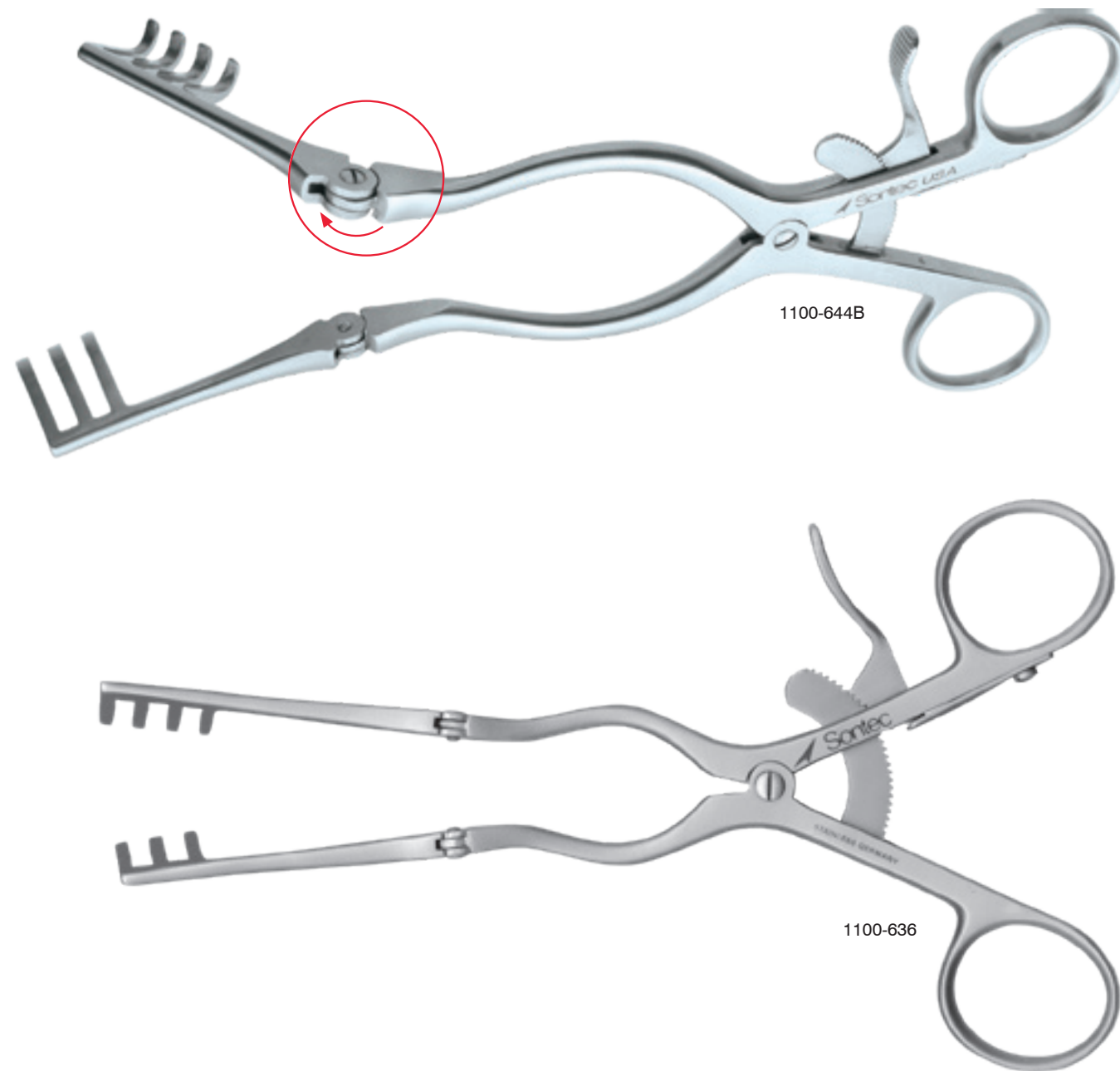




**Weitlaner Retractor**

**Hinged arms / 3 x 4 prongs**

- 1100-636 sharp 5 1/2" (14 cm)
- 1100-638 blunt 5 1/2" (14 cm)
- 1100-640 sharp 6 1/4" (16 cm)
- 1100-642 blunt 6 1/4" (16 cm)
- 1100-644 sharp 8" (20.5 cm)
- 1100-644B blunt 8" (20.5 cm)



**Weitlaner Retractor**

**2 x 3 prongs**

- 1100-616 sharp 4" (10 cm)
- 1100-617 blunt 4" (10 cm)

**3 x 4 prongs**

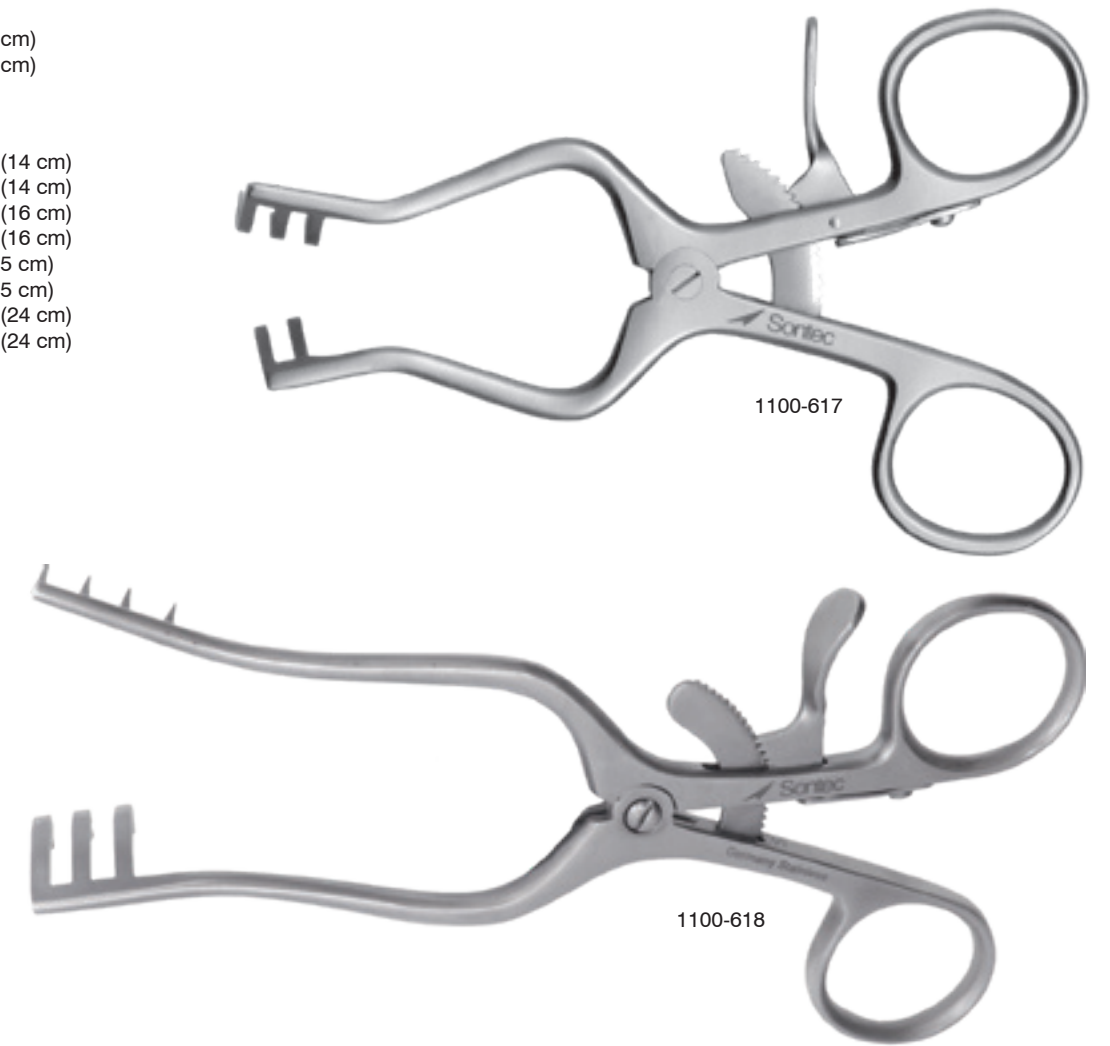
- 1100-618 sharp 5 1/2" (14 cm)
- 1100-619 blunt 5 1/2" (14 cm)
- 1100-620 sharp 6 1/4" (16 cm)
- 1100-621 blunt 6 1/4" (16 cm)
- 1100-622 sharp 8" (20.5 cm)
- 1100-623 blunt 8" (20.5 cm)
- 1100-624 sharp 9 1/2" (24 cm)
- 1100-625 blunt 9 1/2" (24 cm)



sharp



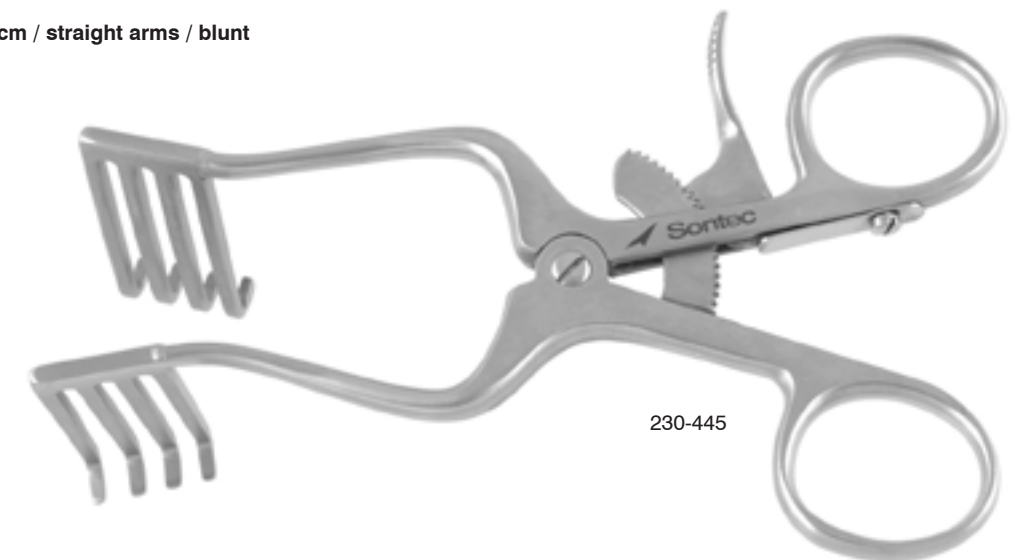
blunt



**Weitlaner Extended Blades Retractor**

With 4 prongs / prong depth 3.5 cm / straight arms / blunt tips / 4 1/2" (11.4 cm)

230-445

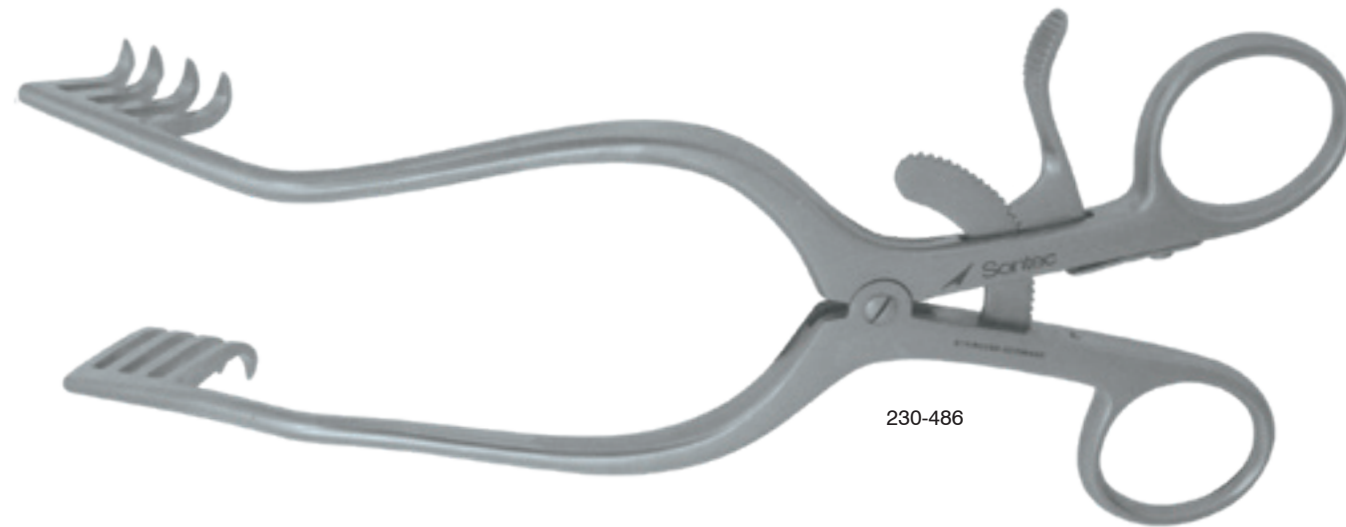




**Adson Cerebella Retractor**

4 x 4 sharp prongs / 7 1/2" (19 cm)

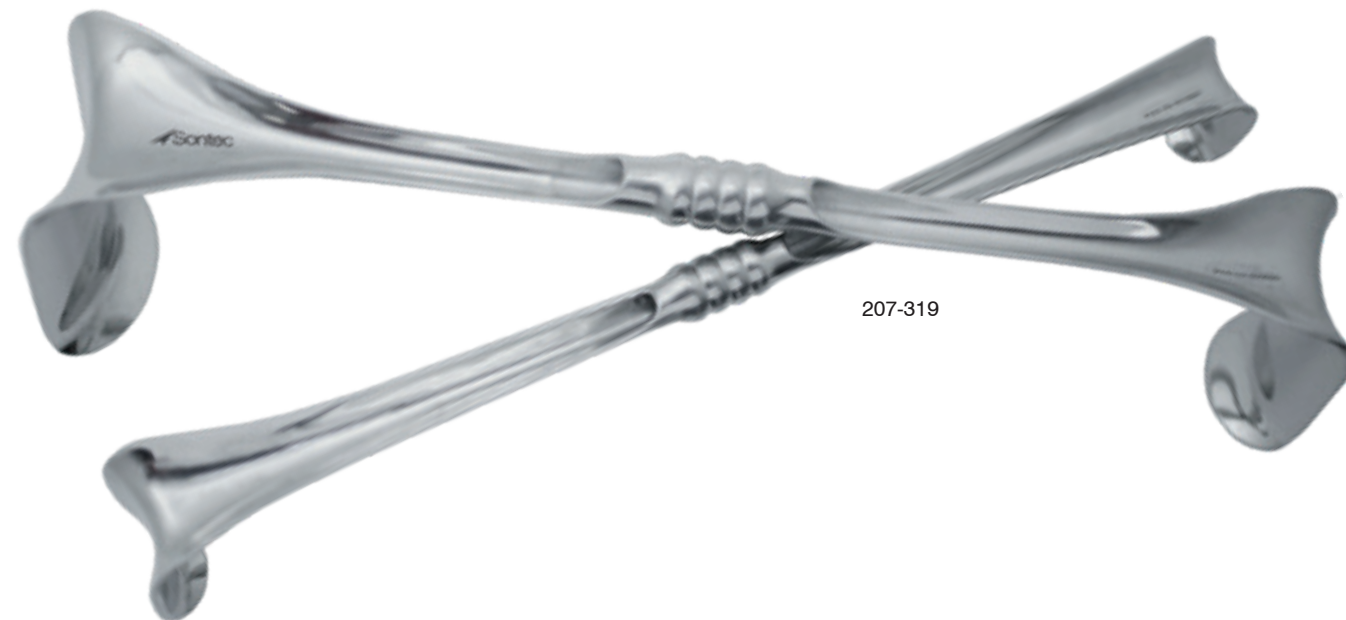
- 230-480 straight arms
- 230-486 angled arms



230-486

**Richardson-Eastman Retractor**

- 207-319-SET set of two, one large and one small
- 207-321 small 10" (25 cm)
- 207-323 large 11" (28 cm)



207-319

**Richardson Retractor**

9 1/2" overall length / loop grip handle

- 207-338 1" x 3/4"
- 207-340 1" x 1 1/4"
- 207-342 1 1/2" x 1 1/2"
- 207-345 2" x 3/4"

9 1/4" overall length / hollow grip handle

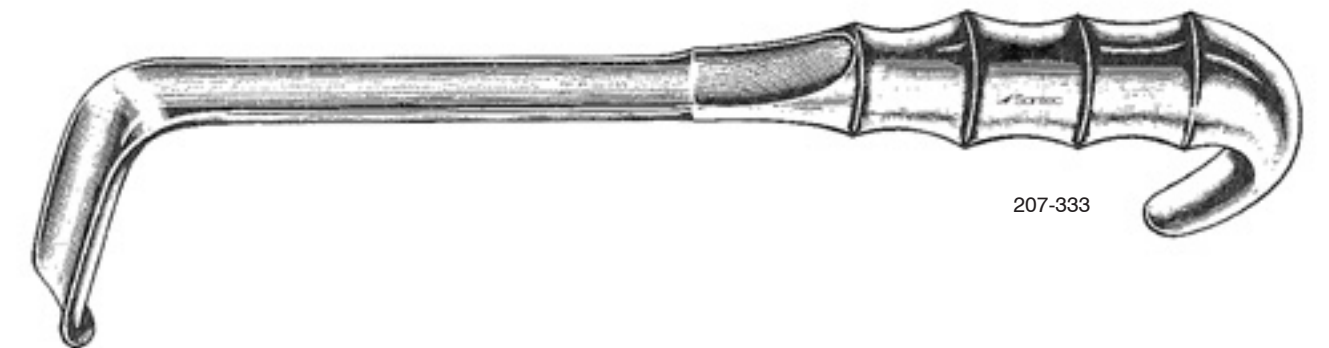
- 207-333 2" x 3/4"

11" overall length / lamb grip handle

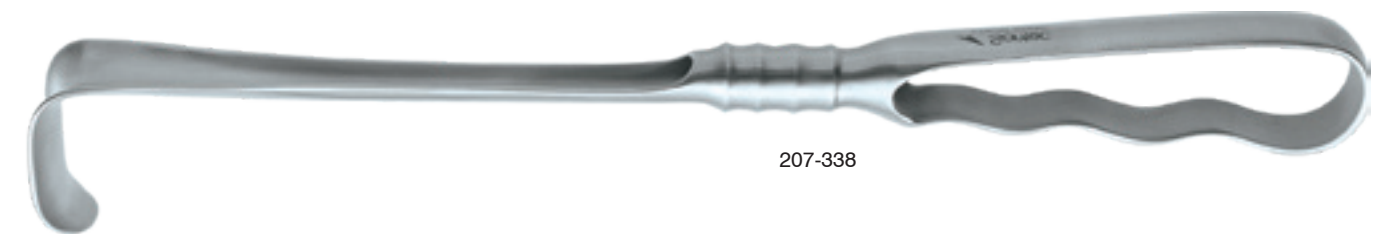
- 207-326 1" x 3/4"
- 207-328 1 1/4" x 1"
- 207-330 1 1/2" x 1 1/2"



207-326



207-333



207-338

**Retractor**

207-415	large blade	3 1/2" x 2" x 9 1/2"
207-413	medium blade	3" x 1" x 9 1/2"
207-411	small blade	2" x 5/8" x 9 1/2"



207-411

**Aanes Retractor/Speculum**

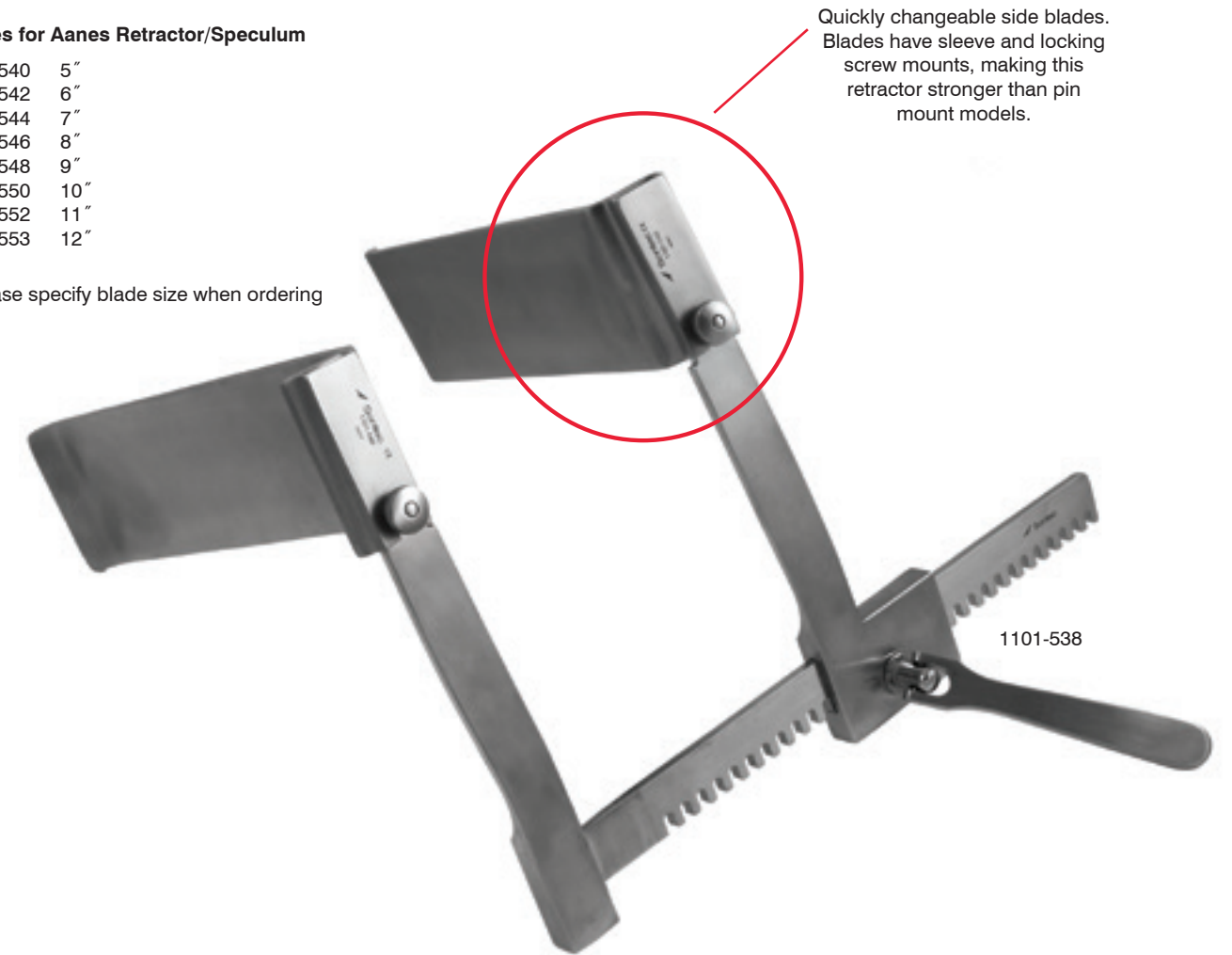
For equine reproductive surgery / includes one pair of blades / 7" spread (18 cm) / comes with one set of blades, choose from sizes below

1101-538

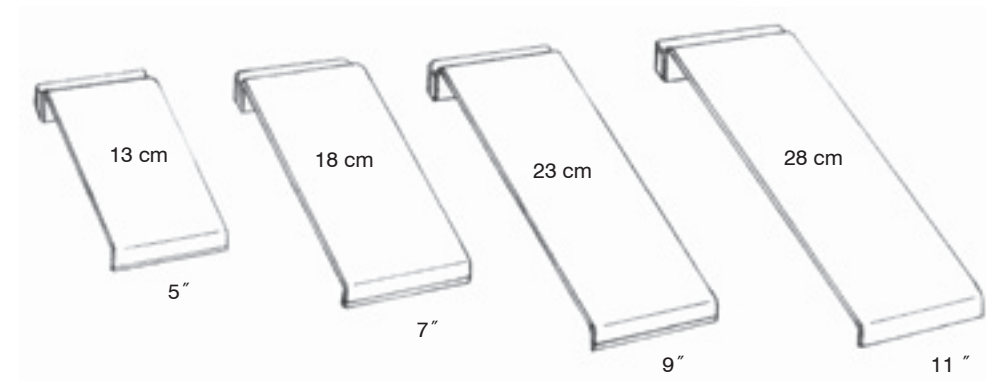
**Blades for Aanes Retractor/Speculum**

1101-540	5"
1101-542	6"
1101-544	7"
1101-546	8"
1101-548	9"
1101-550	10"
1101-552	11"
1101-553	12"

\* Please specify blade size when ordering



1101-538





 Sontec Instruments®

Scissors



**Metzenbaum Classic Model Scissors**

**Classic model / 4 1/2" (11.5 cm)**

- 1100-233 straight
- 1100-241 curved



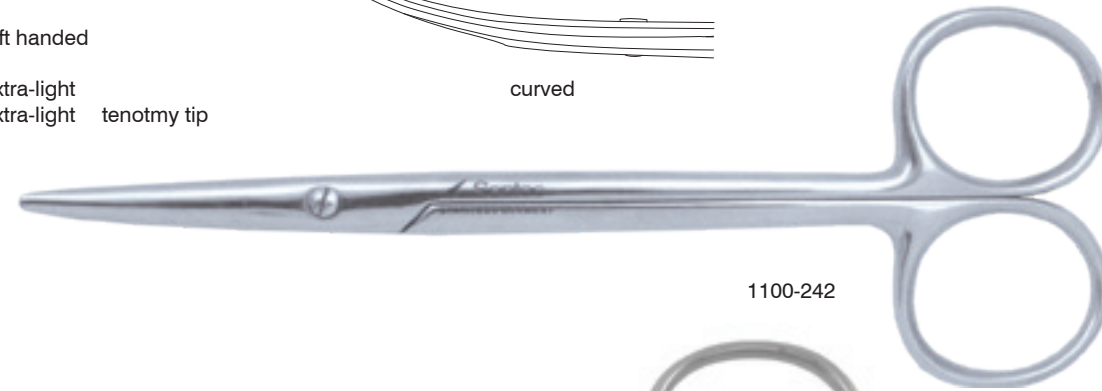
straight



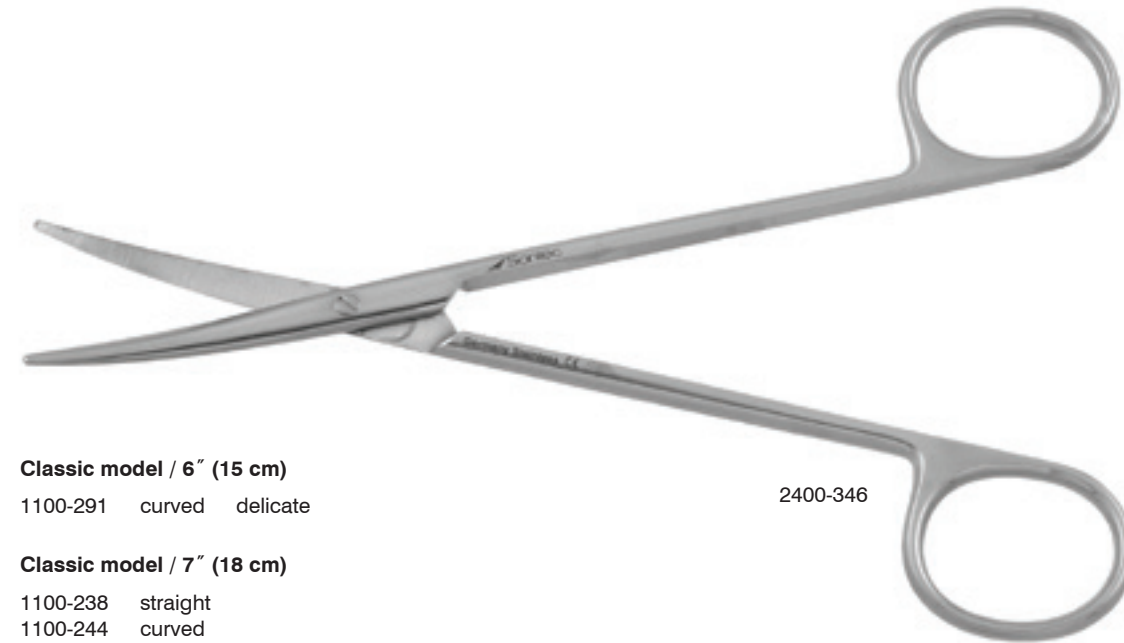
curved

**Classic model / 5 3/4" (14.5 cm)**

- 1100-236 straight
- 1100-236L straight left handed
- 1100-242 curved
- 2400-346 curved extra-light
- 2400-347 curved extra-light tenotomy tip



1100-242



2400-346

**Classic model / 6" (15 cm)**

- 1100-291 curved delicate

**Classic model / 7" (18 cm)**

- 1100-238 straight
- 1100-244 curved
- 2400-349 curved extra-light



1100-244



2400-349

**Metzenbaum Classic Model Scissors**

**Classic model / 8" (20.5 cm)**

- 1100-240 straight
- 1100-246 curved
- 2400-320 straight fino



1100-240

**Classic model / 9" (23 cm)**

- 110-301 straight
- 110-302 curved
- 2400-352 curved extra-light

**Classic model / 10" (25.4 cm)**

- 1100-243 straight
- 1100-245 curved



1100-245

**Metzenbaum Scissors**

**Curved / power cut silver / 5 3/4" (14.6 cm)**

- 1200-333



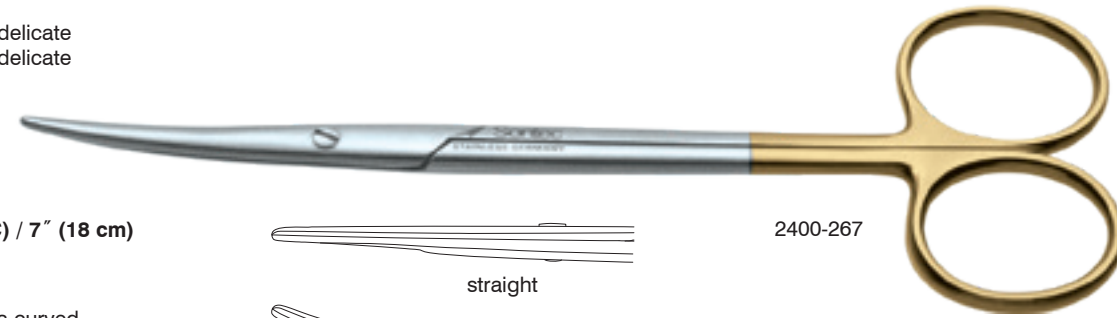
1200-333



**Metzenbaum Tungsten Carbide Scissors**

**Tungsten Carbide (TC) / 5 3/4" (15 cm)**

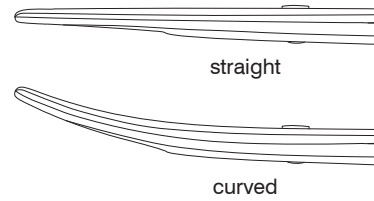
- 2400-265 straight
- 2400-267 curved
- 2400-250 straight delicate
- 2400-252 curved delicate



2400-267

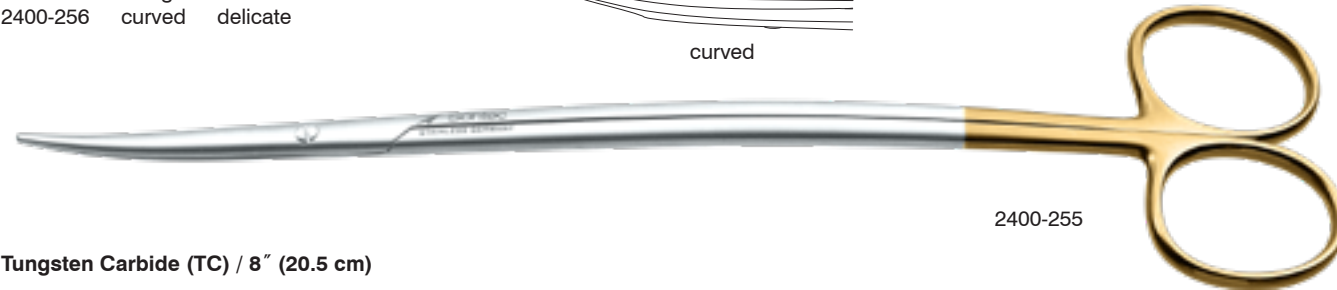
**Tungsten Carbide (TC) / 7" (18 cm)**

- 2400-269 straight
- 2400-270 curved
- 2400-253 curved s-curved
- 2400-254 straight delicate
- 2400-256 curved delicate



straight

curved



2400-255

**Tungsten Carbide (TC) / 8" (20.5 cm)**

- 2400-271 straight
- 2400-272 curved
- 2400-255 curved s-curved
- 2400-257 straight delicate
- 2400-258 curved delicate



2400-272



2400-253

**Metzenbaum Tungsten Carbide Long Model Scissors**

**Tungsten Carbide (TC) / 9" (23 cm)**

- 2400-273 straight
- 2400-275 curved
- 2400-260 straight delicate
- 2400-262 curved delicate

**Tungsten Carbide (TC) / 10" (25.5 cm)**

- 2400-279 straight
- 2400-280 curved

**Tungsten Carbide (TC) / 11" (28 cm)**

- 2400-277 straight
- 2400-278 curved
- 2400-264 curved delicate

**Tungsten Carbide (TC) / 12" (30.5 cm)**

- 2400-341 straight
- 2400-345 curved

**Tungsten Carbide (TC) / curved / extra long**

- 1100-847 14" (35.5 cm)
- 1100-849 16" (40.5 cm)
- 1100-850 18" (45.5 cm)



2400-264

**Metzenbaum Power Cut® Gold Scissors**

**Power Cut Gold (PC Gold) / 4 3/4" (12 cm)**

- 1200-326 straight
- 1200-328 curved

**Power Cut Gold (PC Gold) / 5" (12.5 cm)**

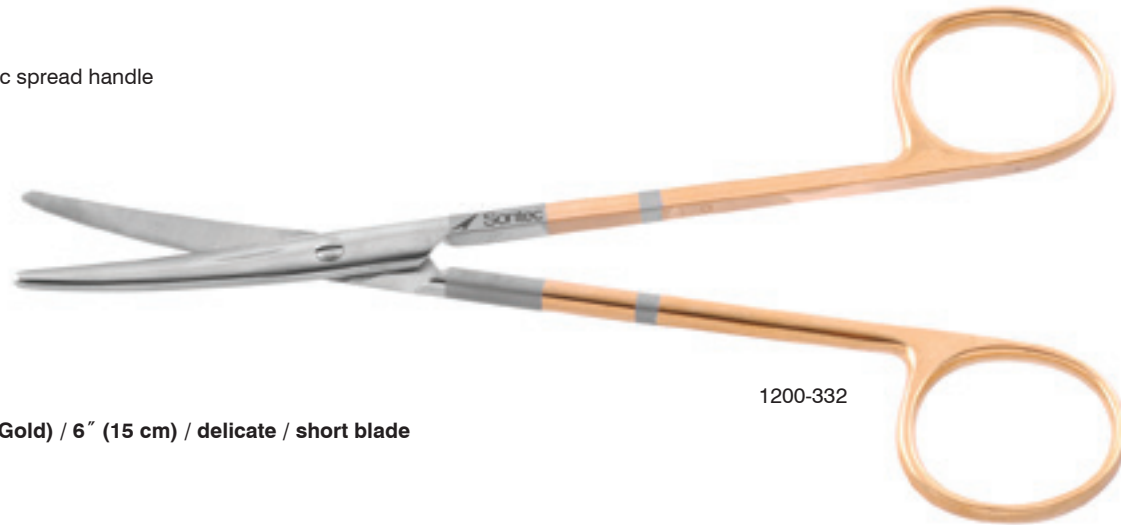
- 2400-286 straight
- 2400-287 curved

**Power Cut Gold (PC Gold) / straight / 5 3/4" (15 cm)**

- 1200-330
- 1200-334 delicate

**Power Cut Gold (PC Gold) / curved / 5 3/4" (15 cm)**

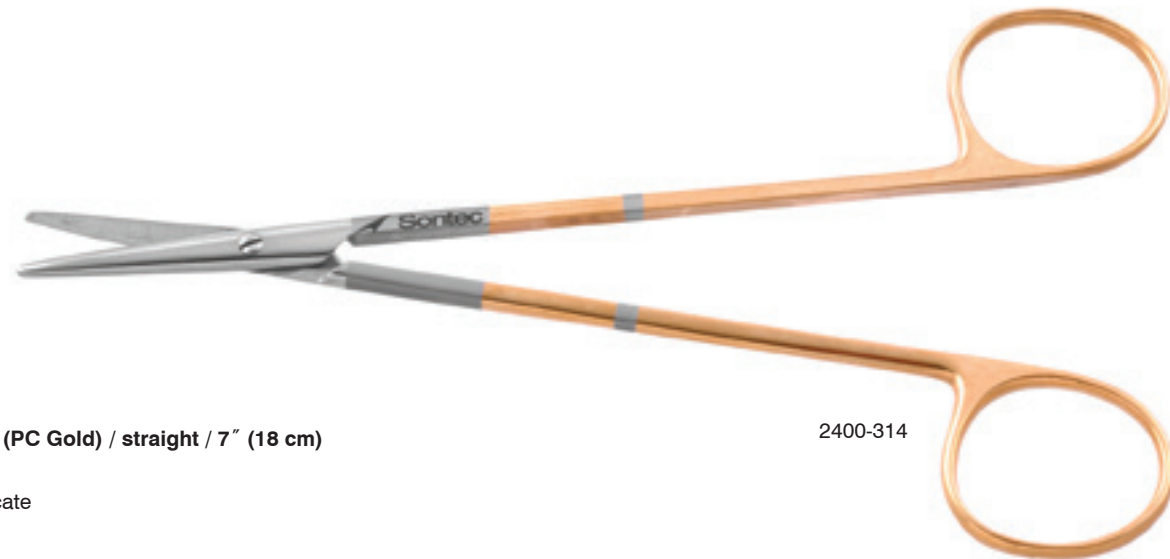
- 1200-332
- 1200-335 delicate
- 1200-347 ergonomic spread handle



1200-332

**Power Cut Gold (PC Gold) / 6" (15 cm) / delicate / short blade**

- 2400-314 straight
- 2400-315 curved



2400-314

**Power Cut Gold (PC Gold) / straight / 7" (18 cm)**

- 1200-340
- 2400-316 delicate

**Metzenbaum Power Cut® Gold Scissors**

**Power Cut Gold (PC Gold) / curved / 7" (18 cm)**

- 1200-342
- 1200-342H heavy
- 1200-342L left handed
- 1200-344 ergonomic spread handle
- 2400-317 delicate
- 2400-330 2.5 mm tip

**Power Cut Gold (PC Gold) / 8" (20.5 cm)**

- 1200-360 straight
- 1200-362 curved
- 2400-318 straight delicate
- 2400-319 curved delicate



1200-344

1200-342

**Metzenbaum S-Curved Power Cut® Gold Scissors**

Power Cut Gold (PC Gold) / s-curved / curved shank & blade

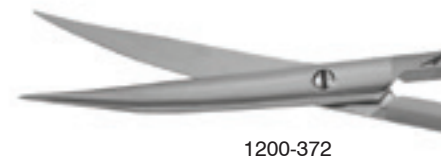
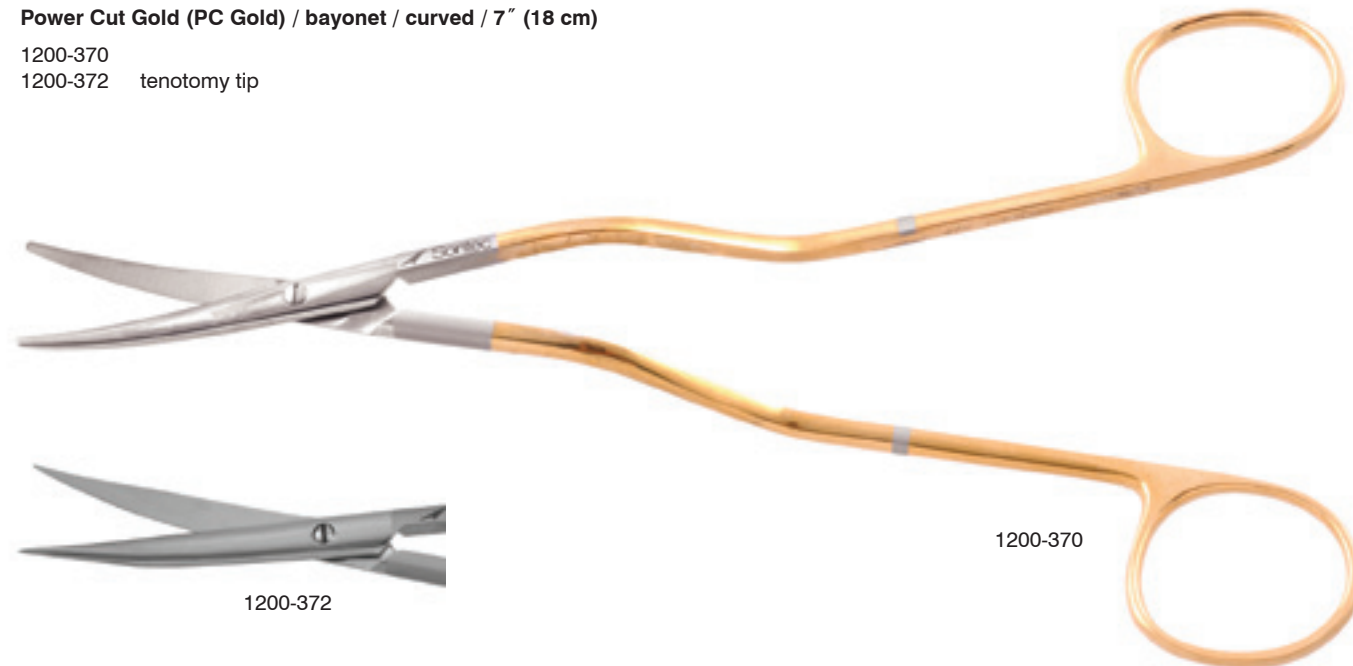
- 1200-525 7" (17.8 cm)
- 1200-523 8" (20.5 cm)



**Metzenbaum Bayonet Power Cut® Gold Scissors**

Power Cut Gold (PC Gold) / bayonet / curved / 7" (18 cm)

- 1200-370
- 1200-372 tenotomy tip



**Metzenbaum Power Cut® Gold Long Model Scissors**

Power Cut Gold (PC Gold) / 9" (23 cm)

- 2400-302 straight
- 2400-304 curved
- 2400-322 straight delicate
- 2400-321 curved delicate



Power Cut Gold (PC Gold) / 10 1/4" (26 cm)

- 2400-306 straight
- 2400-308 curved
- 2400-309 straight delicate
- 2400-323 curved delicate



Power Cut Gold (PC Gold) / curved /

- 2400-310 11" (28 cm)
- 2400-311 12" (30.5 cm)
- 1200-268 14" (35.5 cm)
- 1200-269 16" (40.5 cm)
- 1200-270 18" (45.5 cm)



**Metzenbaum Power Cut® Black Scissors**

**Power Cut Black (PC Black) / 4 1/2" (11.5 cm)**

- 1200-775M straight baby
- 1200-776M curved baby

**Power Cut Black (PC Black) / 5" (13 cm)**

- 1200-780 straight
- 1200-782 curved
- 1200-750 straight tenotomy tip
- 1200-752 curved tenotomy tip

**Power Cut Black (PC Black) / extra delicate / 5 1/4" (13.5 cm)**

- 2400-812A straight
- 2400-813A curved

**Power Cut Black (PC Black) / extra delicate / 5 5/8" (14 cm)**

- 2400-814A straight
- 2400-815A curved

**Power Cut Black (PC Black) / tenotomy tip / 5 3/4" (14.6 cm)**

- 1200-760 straight
- 1200-762 curved

**Power Cut Black (PC Black) / 5 3/4" (14.5 cm)**

- 1200-784 straight
- 1200-786 curved
- 1200-783 straight delicate
- 1200-787 curved delicate



1200-775M



1200-752



2400-815A



1200-760



delicate blade

**Metzenbaum Power Cut® Black Scissors**

**Power Cut Black (PC Black) / 6" (15 cm)**

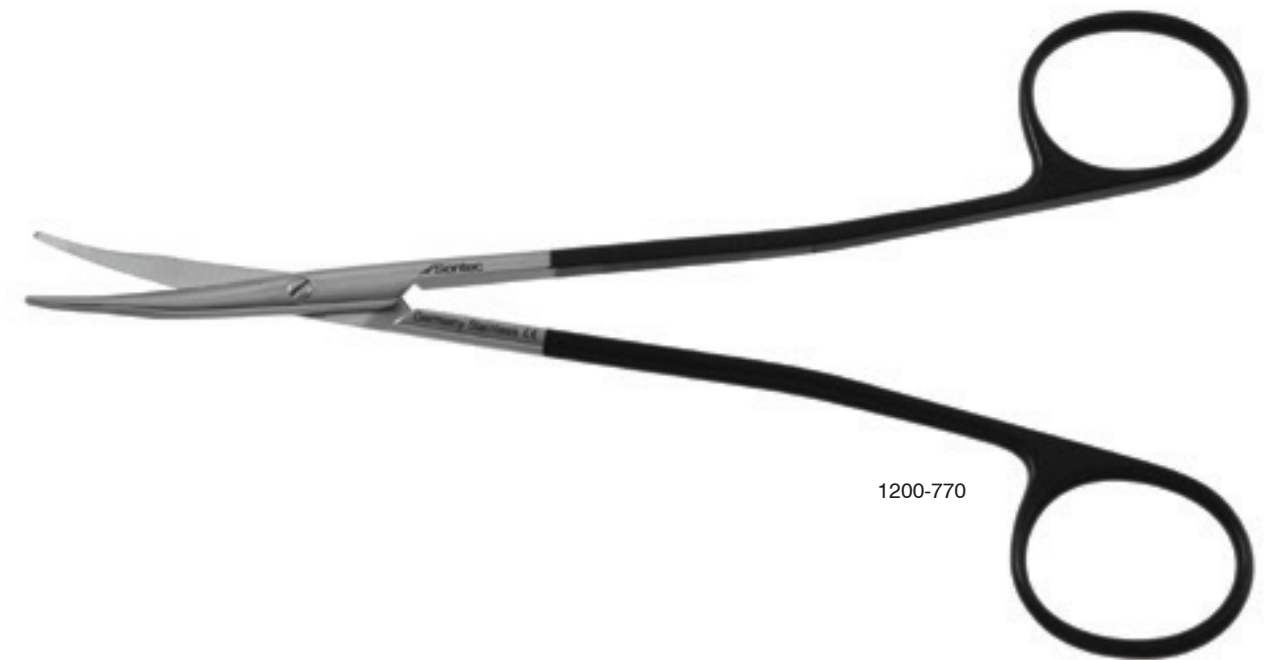
- 2400-790 straight unique short blades
- 2400-792 curved unique short blades
- 2400-816 straight delicate
- 1200-770 curved tenotomy tip ergonomic spread handle



delicate blade



2400-792



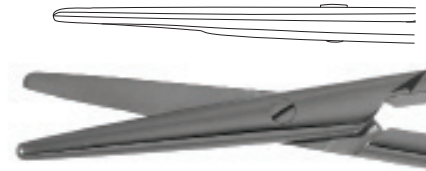
1200-770



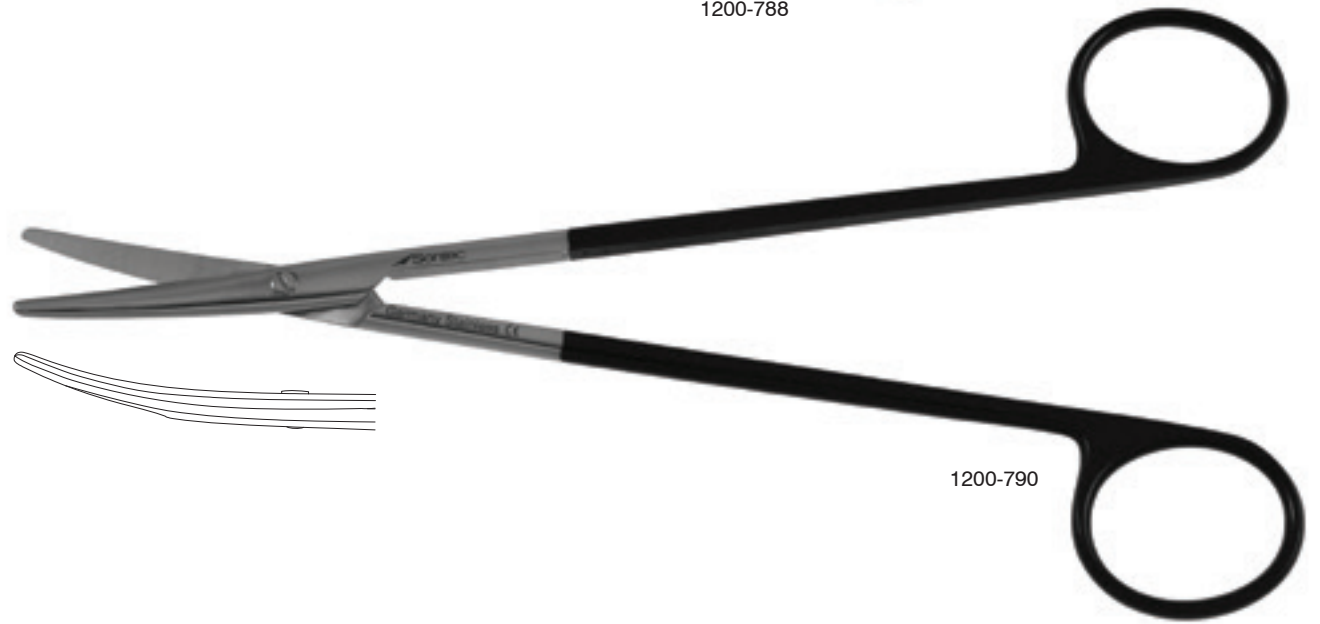
**Metzenbaum Power Cut® Black Scissors**

**Power Cut Black (PC Black) / 7" (18 cm)**

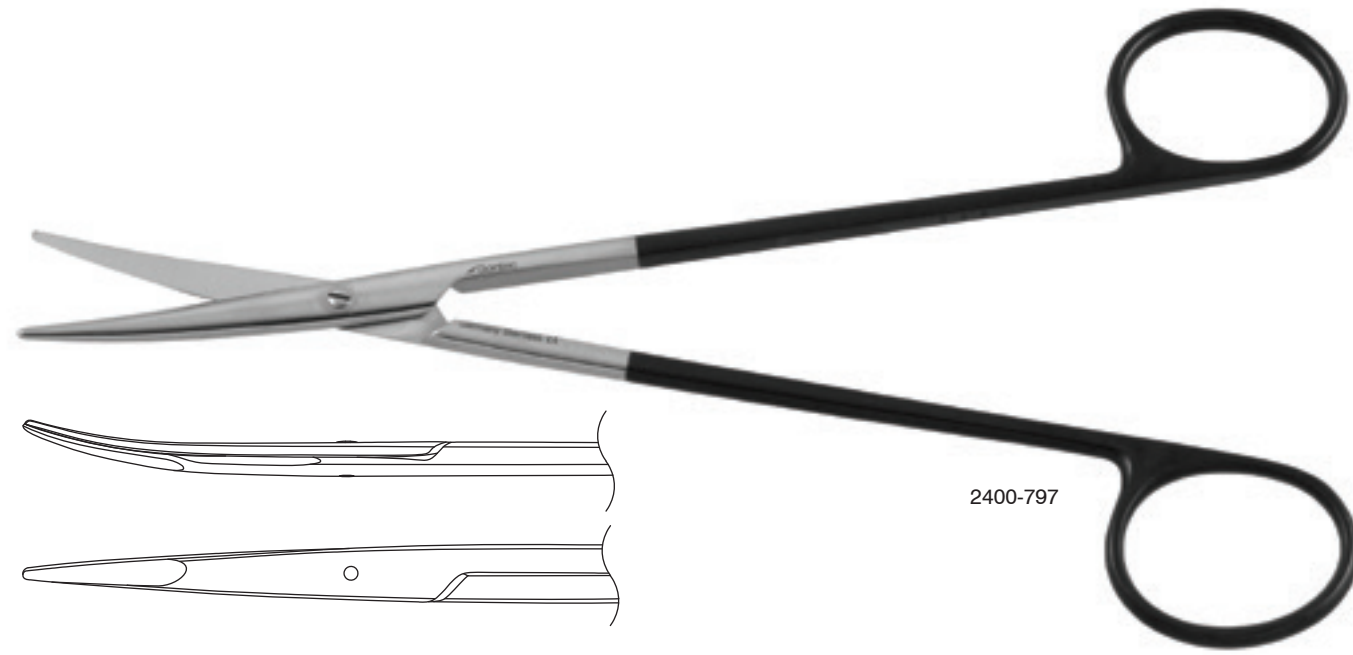
- 1200-788 straight
- 1200-790 curved
- 2400-797 curved 2.5mm tip



1200-788



1200-790

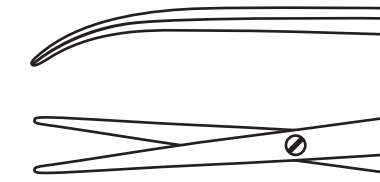


2400-797

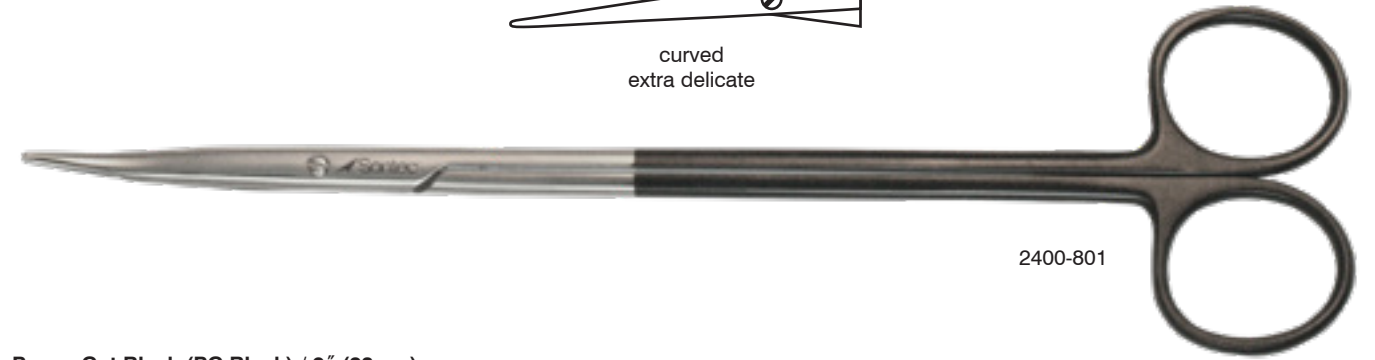
**Metzenbaum Power Cut® Black Scissors**

**Power Cut Black (PC Black) / 8" (20.5 cm)**

- 2400-798 straight
- 2400-800 curved
- 2400-801 curved tenotomy tip
- 2400-820 straight delicate
- 2400-819 curved delicate



curved  
extra delicate



2400-801

**Power Cut Black (PC Black) / 9" (23 cm)**

- 2400-802 straight
- 2400-804 curved
- 2400-822 straight delicate
- 2400-821 curved delicate



2400-821

**Power Cut Black (PC Black) / 10 1/4" (26 cm)**

- 2400-806 straight
- 2400-808 curved
- 2400-807 straight delicate
- 2400-809 curved delicate

**Power Cut Black (PC Black) / 11" (28 cm)**

- 2400-803 straight
- 2400-805 curved

**Power Cut Black (PC Black) / curved / 12" (30.5 cm)**

- 2400-811



2400-808

**Baby Metzenbaum Power Cut Black® Scissors**

PC Black / 4 3/4" (12.1 cm)

- 2400-785 straight
- 2400-787 curved



2400-787

**Metzenbaum Ceramic Coated Power Cut® Scissors**

Special / ceramic coated scissors / with Power Cut blades / delicate / 5" (13 cm)

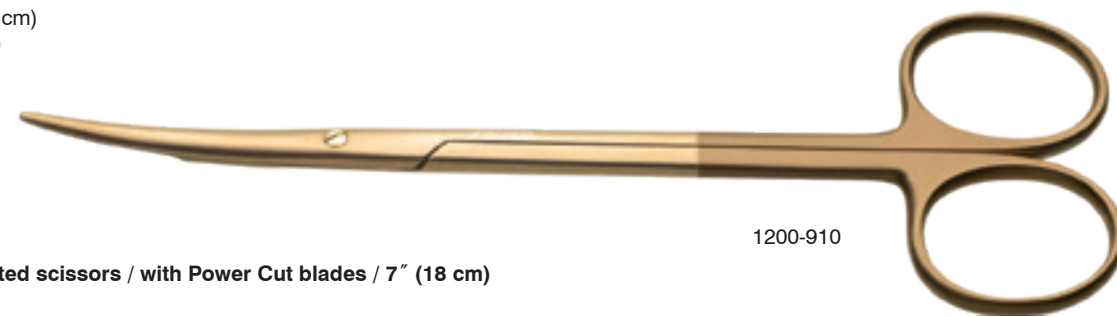
- 1200-900 straight
- 1200-905 curved

Special / ceramic coated scissors / with Power Cut blades / 5 3/4" (15 cm)

- 1200-909 straight
- 1200-908 curved

Special / ceramic coated scissors / with TC/PC blades / curved / delicate

- 1200-910 5 3/4" (15 cm)
- 1200-904 7" (18 cm)



1200-910

Special / ceramic coated scissors / with Power Cut blades / 7" (18 cm)

- 1200-907 straight
- 1200-906 curved
- 1200-902 straight delicate



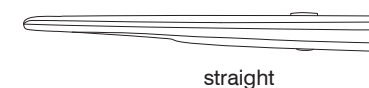
1200-904

\* Titanium Nitrate Coating is a very hard coating that keeps scissors sharper longer, reduces friction and adds a layer of corrosion protection

**Metzenbaum Tungsten Carbide Power Cut® Gold/Black Scissors**

Strabismus / tungsten Carbide /Power Cut (TC/PC) / 4 1/2" (11.5 cm)

- 1200-500 straight
- 1200-501 curved



straight

Tungsten Carbide /Power Cut (TC/PC) / Serrated / 5 3/4" (14.5 cm)

- 1200-505 straight
- 1200-510 curved
- 1200-507 straight delicate
- 1200-512 curved delicate
- 1200-514 curved ergonomic spread handle



curved



1200-505



1200-514

Tungsten Carbide /Power Cut (TC/PC) / 7" (18 cm)

- 1200-515 straight
- 1200-520 curved
- 1200-526 curved ergonomic spread handle
- 1200-526S curved ergonomic spread handle sharp tips
- 2400-247 curved delicate

Tungsten Carbide /Power Cut (TC/PC) / 8" (20.5 cm)

- 1200-530 straight
- 1200-529 curved
- 1200-531 curved ergonomic spread handle
- 2400-248 curved delicate



1200-529

Tungsten Carbide /Power Cut (TC/PC) / 9" (23 cm)

- 1200-535 straight
- 1200-536 curved
- 2400-259 curved delicate

Tungsten Carbide /Power Cut (TC/PC) / 10" (25.5 cm)

- 1200-537 straight
- 1200-538 curved
- 2400-281 curved delicate

**Metzenbaum Ceramitec Power Cut® Scissors**

Special / ceramic coated scissors / with Power Cut blades / black with gold screw / curved

1200-911		5 3/4" (15 cm)
1200-912		5 3/4" (15 cm)
1200-915		7" (18 cm)
1200-916	delicate	7" (18 cm)

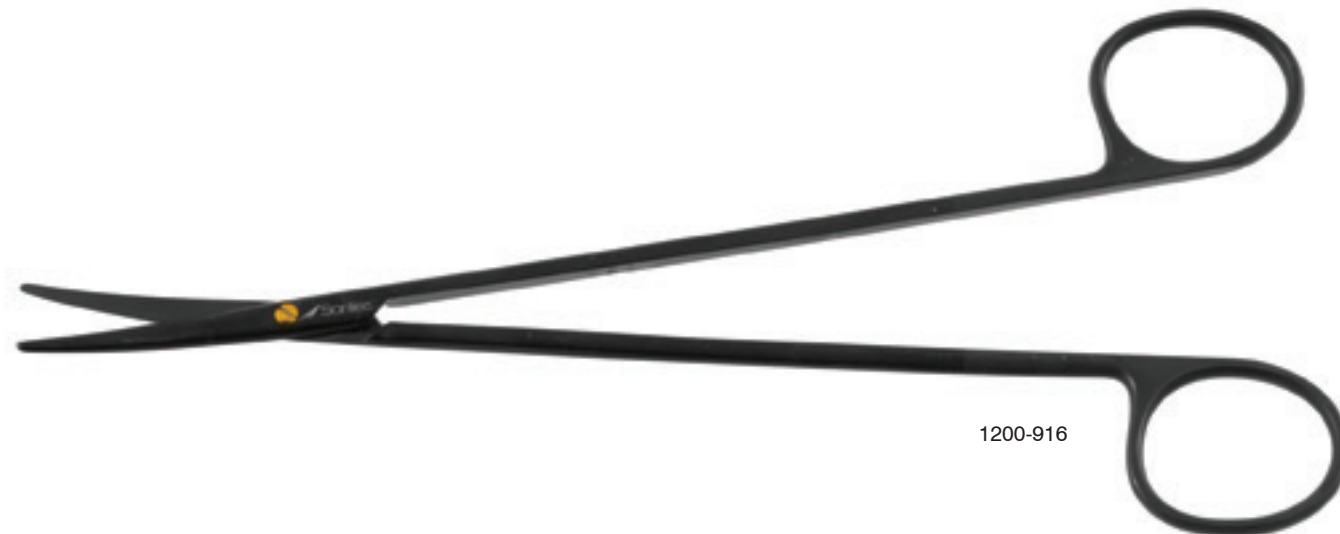
\* Titanium Nitrate Coating is a very hard coating that keeps scissors sharper longer, reduces friction and adds a layer of corrosion protection



1200-911



1200-915



1200-916

**Metzenbaum Ceramitec Power Cut® Scissors**

Special / ceramic coated scissors / with Power Cut blades / black with gold screw / curved / spread handle / 4 3/4" (12.1 cm)

1200-899

\* Titanium Nitrate Coating is a very hard coating that keeps scissors sharper longer, reduces friction and adds a layer of corrosion protection



1200-899

**Stussak Metzenbaum Power Cut® Gold Scissors**

Strong curve / blunt / 7" (17.8 cm)

1100-235	classic
508-617	PC



508-617

strong curve

**Metzenbaum-Toennis Power Cut® Black Scissors**

PC black / extra delicate / 7" (18 cm)

2400-841 curved



2400-841



**Metzenbaum Brophy Sharp/Sharp Tip Scissors**

**Sharp/sharp tips / power cut / 5 3/4" (14.5 cm)**

- 475-158 straight
- 475-160 curved



475-158

**Sharp/sharp tips / tungsten carbide / delicate / 5 3/4" (14.5 cm)**

- 2400-235 straight
- 2400-237 curved



2400-235

**Sharp/ tungsten carbide / power cut / 5 3/4" (14.5 cm)**

- 2400-236 straight
- 2400-238 curved



2400-238

**Sharp/sharp tips / tungsten carbide / 7" (18 cm)**

- 112-506 curved
- 112-418 straight

**Sharp/sharp tips / tungsten carbide / delicate / 7" (18 cm)**

- 2400-239 straight
- 2400-240 curved



2400-239

**Metzenbaum Brophy Sharp/Sharp Scissors**

**Sharp/sharp tips / tungsten carbide / delicate / 8" (20 cm)**

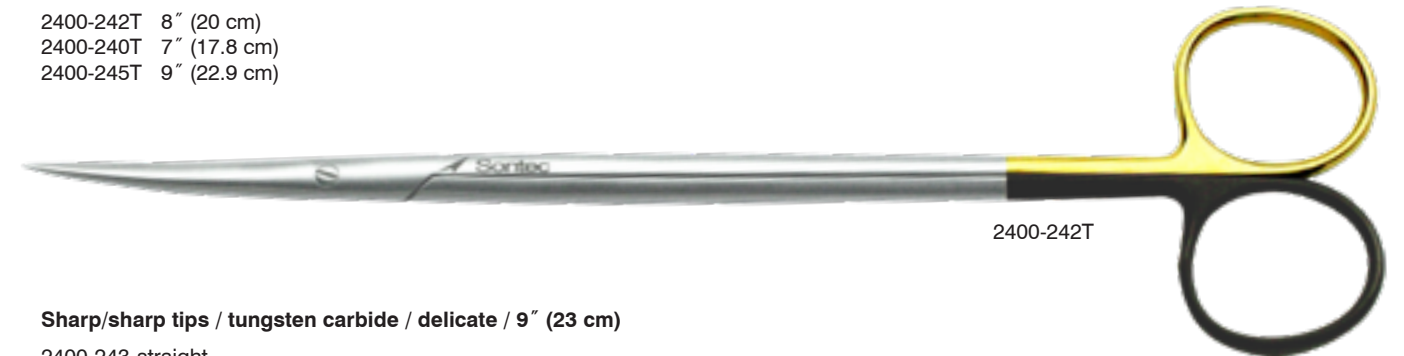
- 2400-241 straight
- 2400-242 curved



2400-242

**Sharp/sharp tips / tungsten carbide/power cut / curved**

- 2400-242T 8" (20 cm)
- 2400-240T 7" (17.8 cm)
- 2400-245T 9" (22.9 cm)



2400-242T

**Sharp/sharp tips / tungsten carbide / delicate / 9" (23 cm)**

- 2400-243 straight
- 2400-245 curved



2400-243



**Mayo Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut®, Ceramitec Coated Scissors**

**Classic beveled blades / straight / 5 1/2" (14 cm)**

- 1100-248 classic
- 1100-272 TC
- 1200-248 PC gold
- 1200-726 PC black
- 1200-539 TC/PC



1100-278

**Classic beveled blades / curved / 5 1/2" (14 cm)**

- 1100-254 classic
- 1100-278 TC
- 1200-254 PC gold
- 1200-728 PC black
- 1200-544 TC/PC

**Ceramitec coated / beveled blades / black with gold screw / PC / curved / 5 1/2" (14 cm)**

- 1200-960



1200-960

**Ceramitec coated / beveled blades / TC/PC curved blades / black with gold screw and gold shiny rings**

- 1200-962 5 1/2"
- 1200-966 6 3/4"



1200-966

**Mayo Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut®, Ceramitec Coated Scissors**

**Classic beveled blades / straight / 6 3/4" (17 cm)**

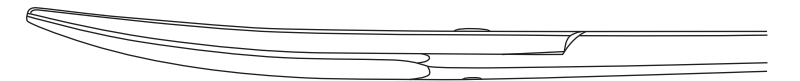
- 1100-250 classic
- 1100-274 TC
- 1200-250 PC gold
- 1200-727 PC black
- 1200-540 TC/PC



straight

**Classic beveled blades / curved / 6 3/4" (17 cm)**

- 1100-256 classic
- 1100-280 TC
- 1200-256 PC gold
- 1200-730 PC black
- 1200-545 TC/PC



curved

**Classic beveled blades / PC / 7 1/2" (23 cm)**

- 2400-206 straight
- 2400-207 curved

**Classic beveled blades / TC / 8" (20 cm)**

- 2400-187 straight
- 2400-188 curved

**Classic beveled blades / PC / round handle / 8 1/4" (21 cm)**

- 2400-231 straight
- 2400-232 curved

**Classic beveled blades / TC / 9" (23 cm)**

- 2400-189 straight
- 2400-190 curved



1200-250

**Mayo-Stille Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut®, Ceramic Coated Scissors**

**Round blades / straight / 5 1/2" (14 cm)**

- 110-268 classic
- 1100-272R TC
- 2400-191 PC gold

**Round blades / curved / 5 1/2" (14 cm)**

- 110-269 classic
- 1100-278R TC
- 2400-192 PC gold

**Round blades / TC/PC / 5 3/4" (14.25 cm)**

- 1200-542 straight
- 1200-547 curved



1200-542

**Round blades / PC gold / 6" (15 cm)**

- 2400-193 straight
- 2400-194 curved

**Round blades / PC black / 6" (15 cm)**

- 2400-706 straight
- 2400-708 curved

**Round blades / straight / 6 3/4" (17 cm)**

- 110-271 classic
- 1100-274R TC
- 2400-195 PC gold
- 1200-729 PC black
- 1200-550 TC/PC

**Round blades / curved / 6 3/4" (17 cm)**

- 110-272 classic
- 1100-280R TC
- 2400-197 PC gold
- 1200-731 PC black
- 1200-551 TC/PC

**Round blades / PC Gold / 7 1/2" (23 cm)**

- 2400-198 straight
- 2400-199 curved

**Round blades / PC Black / 7 1/2" (23 cm)**

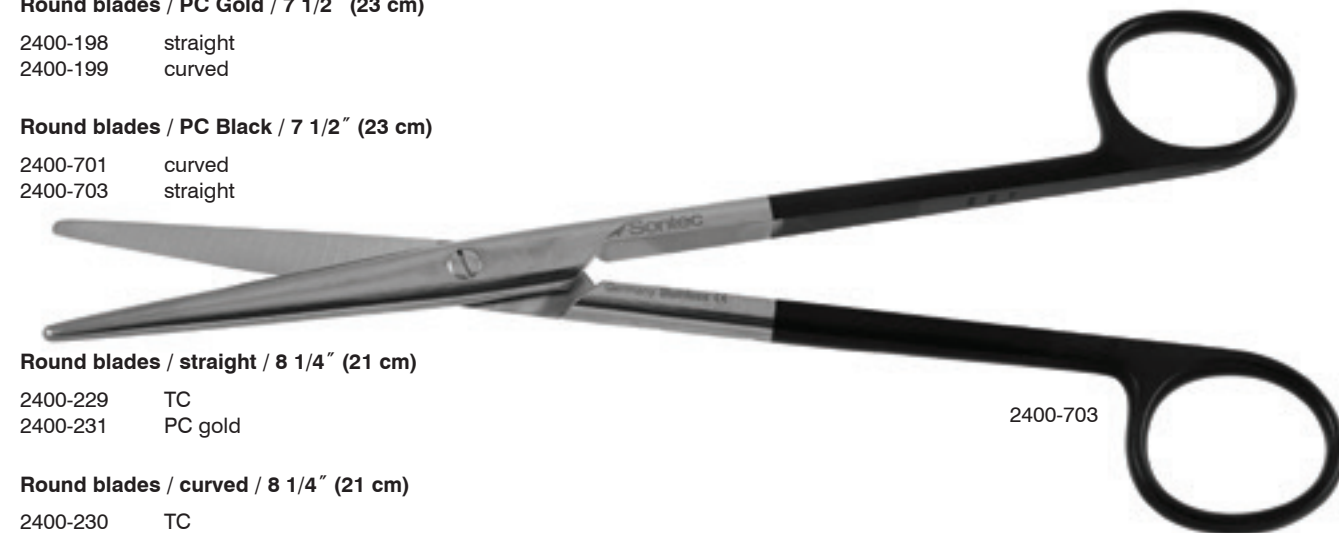
- 2400-701 curved
- 2400-703 straight

**Round blades / straight / 8 1/4" (21 cm)**

- 2400-229 TC
- 2400-231 PC gold

**Round blades / curved / 8 1/4" (21 cm)**

- 2400-230 TC
- 2400-232 PC gold



2400-703

**Mayo-Stille Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut®, Ceramic Coated Scissors**

**Round blades / PC black / 8 1/4" (21 cm)**

- 2400-916 straight
- 2400-918 curved



2400-918

**Round blades / PC Gold / 9" (23 cm)**

- 2400-233 straight
- 2400-234 curved



2400-234

**Mayo-Lexer, Classic, Power Cut Gold, Power Cut Black®, TC/PC Power Cut®, Scissors**

Round more delicate finer shaped blades / straight / 6 1/2" (16.5 cm)

- 110-280 classic
- 1200-543 TC/PC
- 1200-733 PC black
- 2400-227 PC gold

Round more delicate finer shaped blades / curved / 6 1/2" (16.5 cm)

- 110-281 classic
- 1200-548 TC/PC
- 1200-735 PC black
- 2400-226 PC gold

TC / curved / 8 1/4" (21 cm)

- 2400-225



**Mayo-Lexer Fino Classic Tungsten Carbide Power Cut® Gold Scissors**

Very delicate / round blades / TC / 6 1/2" (16.5 cm)

- 2400-222 straight
- 2400-223 curved

Very delicate / round blades / PC gold / 6 1/2" (16.5 cm)

- 2400-226 straight
- 2400-227 curved



**Mayo-Carroll Scissors**

Extra heavy design / TC / 9" (23 cm)

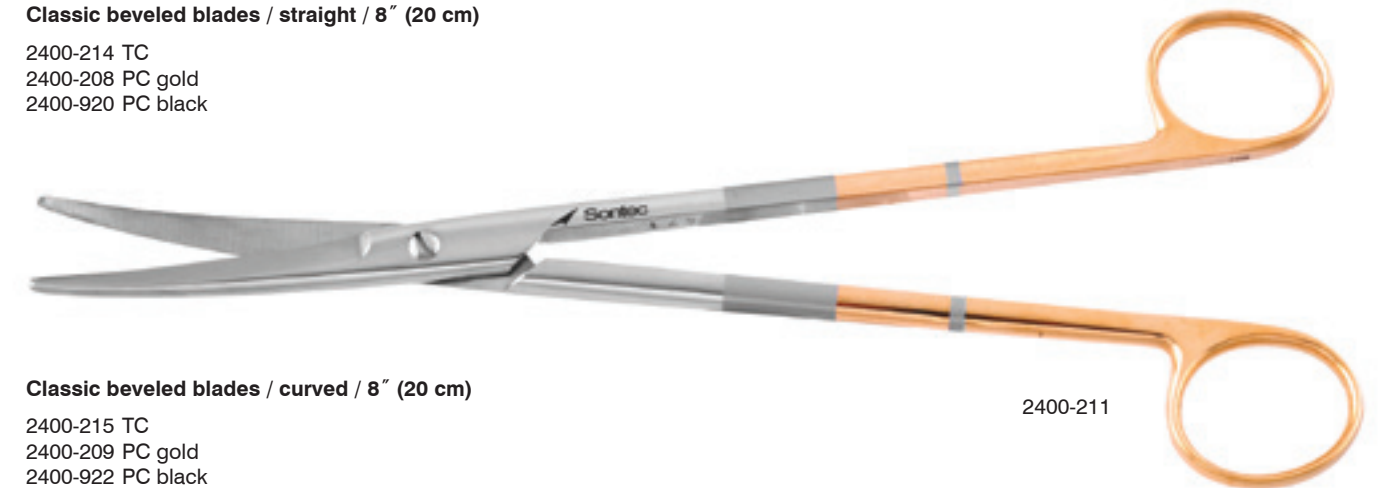
- 1100-276 straight
- 1100-282 curved



**Mayo-Harrington Scissors**

Classic beveled blades / straight / 8" (20 cm)

- 2400-214 TC
- 2400-208 PC gold
- 2400-920 PC black



Classic beveled blades / curved / 8" (20 cm)

- 2400-215 TC
- 2400-209 PC gold
- 2400-922 PC black

Classic beveled blades / straight / 9" (23 cm)

- 2400-216 TC
- 2400-210 PC gold
- 2400-924 PC black

Classic beveled blades / curved / 9" (23 cm)

- 2400-217 TC
- 2400-211 PC gold
- 2400-926 PC black



Classic beveled blades / curved / 11" (30 cm)

- 2400-218 TC
- 2400-213 PC gold
- 2400-928 PC black

Classic beveled blades / curved / TC / 16" (40.5 cm)

- 2400-212



**Gum Scissors**

**Sharp tips / 4 1/2" (11.5 cm)**

- 475-151 straight
- 475-153 curved



**Sharp tips / PC / 4 1/2" (11.5 cm)**

- 1200-406 straight
- 1200-408 curved



**Sharp tips / PC black / curved / 4 1/2" (11.5 cm)**

- 1200-409



**Dean Tonsil & Nasal Scissors**

**PC gold / serrated / s-curve / 6 3/4" (17 cm)**

- 1200-691



**Davis Cartilage Scissors**

**Classic / 6 3/4" (17 cm)**

- 350-857 straight
- 350-858 curved

**PC gold / 6 3/4" (17 cm)**

- 350-859 straight
- 350-860 curved



**Martin Cartilage Tenotomy Classic Power Cut Gold® Scissors**

**Classic / 8" (20.5 cm)**

- 350-861 straight
- 350-862 curved



**PC gold / 8" (20.5 cm)**

- 350-863 straight
- 350-864 curved

**PC black / 8" (20.5 cm)**

- 350-861B straight
- 350-862B curved





**Freeman-Kaye Ergonomic Spread Handle Saberback Power Cut Gold®, Power Cut Black®, TC/PC Power Cut Scissors**

Ergonomic / spread handle / double beveled blades / flat tip / curved / PC black / delicate

475-178 7 1/2" (19 cm)

Ergonomic / spread handle / double beveled blades / flat tip / straight / PC black / 7 1/2" (19 cm)

475-179

Ergonomic / spread handle / double beveled blades / flat tip / curved / PC gold / 8" (20 cm)

475-181

Ergonomic / spread handle / double beveled blades / flat tip / curved / TC/PC / black ceramic coating / 7 1/2" (20 cm)

1200-970

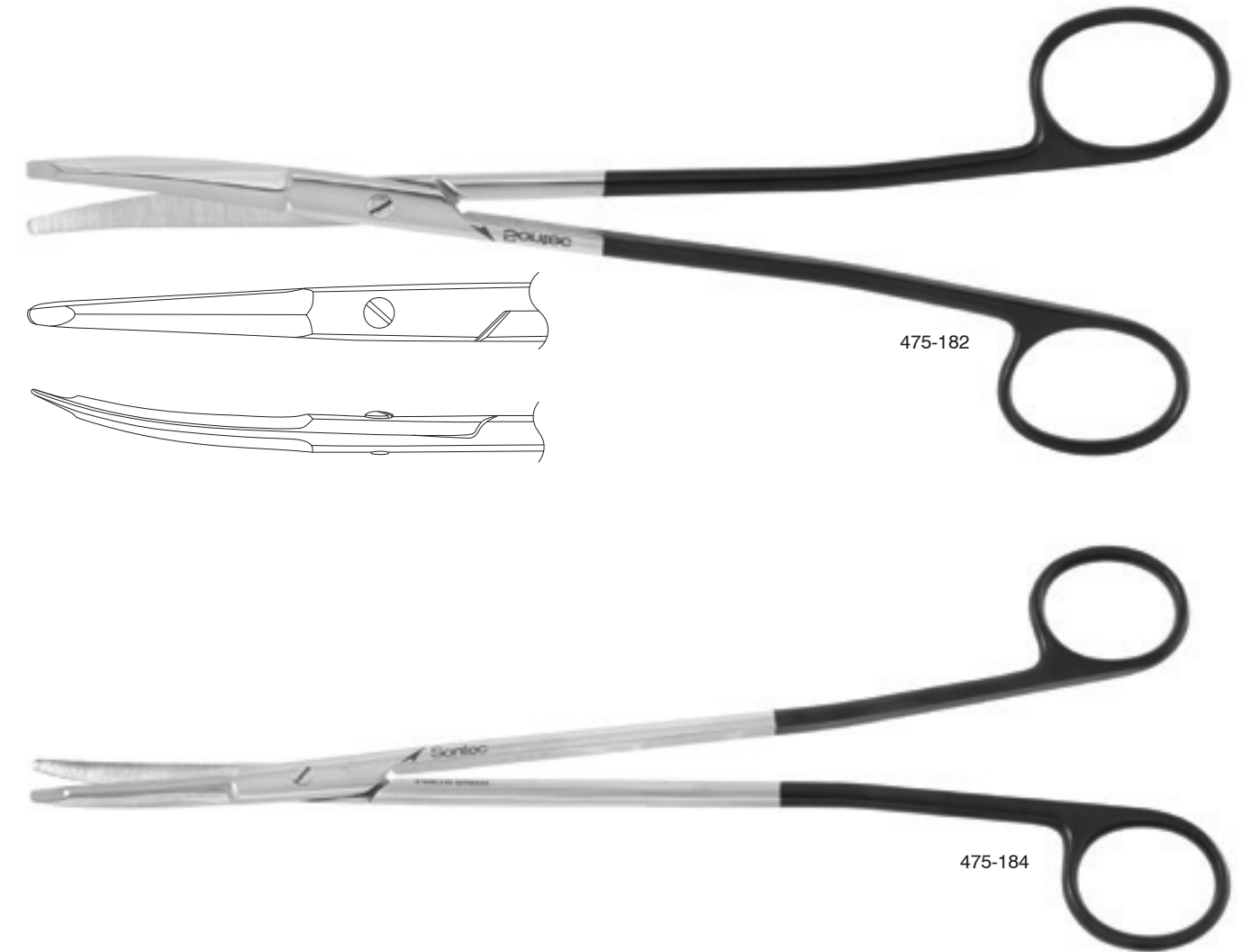


**Freeman-Kaye Ergonomic Spread Handle Saberback Scissors**

Ergonomic / spread handle / double beveled blades / flat tip / curved / PC black / delicate

475-182 7 3/4" (20 cm) fino

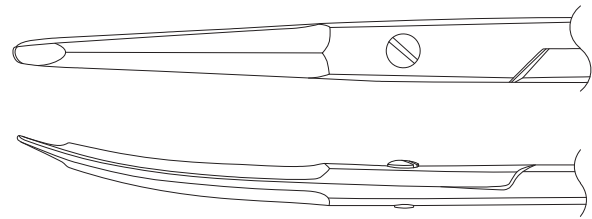
475-184 9" (23 cm)



**Freeman-Kaye Ergonomic Spread Handle Saberback Scissors**

Ergonomic / spread handle / double beveled blades / spatulated tip / curved / TC/PC

- 475-188 7 1/4" (18.5 cm)
- 475-187 9" (23 cm)



475-188

Ergonomic / spread handle / double beveled blades / flat tip / straight / TC/PC

- 475-185 7 1/4" (18.5 cm)
- 475-186 9" (23 cm)



475-185



**Delicate Freeman-Kaye Ergonomic Spread Handle Saberback Scissors**

Ergonomic / spread handle / double beveled blades / flat tip / delicate / curved / TC / 7" (18 cm)

- 475-183 c-shaped special order
- 475-183D



475-183D

**Delicate Freeman-Kaye Ergonomic Spread Handle Saberback Scissors**

Ergonomic / spread handle / double beveled blades / spatulated tip / delicate / curved / TC/PC / one serrated blade / 7" (17.8 cm)

- 475-188D



475-188D

**Kahn-Fomon Scissors**

Saberback / PC gold / spread handle / curved / 5 1/2" (14 cm)

1200-392



1200-392

**Gorney Power Cut Gold® Power Cut Black® Scissors**

Double beveled blade / PC gold / 7 1/2" (19 cm)

1200-414 straight  
1200-415 curved

Double beveled blade / PC gold / 10" (25.5 cm)

1200-416 straight  
1200-418 curved

Double beveled blade / PC black / 5 3/4" (15 cm)

1200-814 straight  
1200-815 curved



1200-815

Double beveled blade / PC black / 7 3/4" (20 cm)

1200-816 straight  
1200-818 curved

Double beveled blade / TC/PC / 6 3/4" (17 cm)

1200-494 straight  
1200-495 curved

Double beveled blade / PC gold / 6 3/4" (17 cm)

1200-412 straight  
1200-413 curved

**Aufricht Saberback Power Cut Black® Scissors**

PC black / 5 3/4" (14.6 cm)

1200-848 straight  
1200-849 curved

PC gold / 6 3/4" (17 cm)

475-220 straight  
475-225 curved



1200-848

**Jameson Tenotomy Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut® Scissors**

**Classic / straight**

- 2405-325 7" (18 cm)
- 2405-330 8" (20 cm)
- 2405-332 9" (23 cm)
- 2405-334 10 1/4" (25.5 cm)



**Classic / curved**

- 2405-329 7" (18 cm)
- 2405-331 8" (20 cm)
- 2405-333 9" (23 cm)
- 2405-335 10 1/4" (25.5 cm)

**PC gold / straight**

- 2400-325 7" (18 cm)
- 2400-331S 8" (20 cm)
- 2400-332 9" (23 cm)
- 2400-334 10 1/4" (25.5 cm)

**PC gold / curved**

- 2400-329 7" (18 cm)
- 2400-331 8" (20 cm)
- 2400-333 9" (23 cm)
- 2400-335 10 1/4" (25.5 cm)



**PC black / straight**

- 2400-825 7" (18 cm)
- 2400-830 8" (20 cm)
- 2400-832 9" (23 cm)
- 2400-834 10 1/4" (25.5 cm)

**PC black / curved**

- 2400-829 7" (18 cm)
- 2400-829H 7" (18 cm) heavy
- 2400-831 8" (20 cm)
- 2400-833 9" (23 cm)
- 2400-835 10 1/4" (25.5 cm)

**Jameson Tenotomy Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut® Scissors**

**TC/PC / straight**

- 2405-825 7" (18 cm)
- 2405-825E 7" (18 cm) spread ergonomic handle
- 2405-830 8" (20 cm)
- 2405-830E 8" (20 cm) spread ergonomic handle
- 2405-832 9" (23 cm)
- 2405-834 10 1/4" (25.5 cm)

**TC/PC / curved**

- 2405-829 7" (18 cm)
- 2405-829E 7" (18 cm) spread ergonomic handle
- 2405-831 8" (20 cm)
- 2405-831E 8" (20 cm) spread ergonomic handle
- 2405-833 9" (23 cm)
- 2405-835 10 1/4" (25.5 cm)





**Reynolds Tenotomy Classic, Power Cut Gold®, Power Cut Black®, TC/PC Power Cut Scissors**

**Delicate / classic / 7" (18 cm)**

- 2405-325D straight
- 2405-329D curved

**Delicate / PC gold / 7" (18 cm)**

- 2400-325D straight
- 2400-329D curved

**Delicate / PC black / 7" (18 cm)**

- 2400-825D straight
- 2400-829D curved

**Delicate / TC/PC / 7" (18 cm)**

- 2405-825D straight
- 2405-829D curved
- 2405-828D straight spread handle
- 2405-832D curved spread handle

**Delicate / classic / 8" (20.5 cm)**

- 2400-826D straight
- 2400-828D curved

**Delicate / PC gold / 8" (20.5 cm)**

- 2400-832D straight
- 2400-833D curved

**Delicate / PC black / 8" (20.5 cm)**

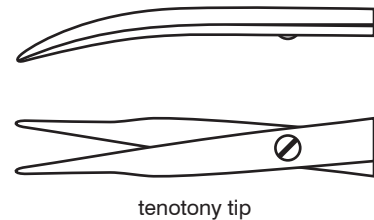
- 2400-830D straight
- 2400-831D curved

**Delicate / TC/PC / 8" (20.5 cm)**

- 2405-830D straight
- 2405-831D curved

**Delicate / TC/PC / curved / 9" (23 cm)**

- 2405-8259



2400-329D

2405-832D

2400-831D

**Reynolds Tenotomy Classic, Power Cut Gold®, Power Cut Black®, TC/PC Power Cut® Scissors**

**Classic / 5 3/4" (14.5 cm)**

- 2405-324S straight
- 2405-324 curved

**PC gold / 5 3/4" (14.5 cm)**

- 2400-324S straight
- 2400-324 curved

**PC black / 5 1/4" (13.3 cm)**

- 2400-823S straight
- 2400-823 curved

**PC black / 5 3/4" (14.5 cm)**

- 2400-824S straight
- 2400-824 curved

**TC/PC / 5 3/4" (14.5 cm)**

- 2405-824S straight
- 2405-824 curved

**Classic / 6 1/4" (16 cm)**

- 2405-326 straight
- 2405-327 curved

**PC gold / 6 1/4" (16 cm)**

- 2400-326 straight
- 2400-327 curved
- 1200-348 curved spread handle

**PC black / 6 1/4" (16 cm)**

- 2400-826 straight
- 2400-827 curved
- 2400-827S curved spread handle

**TC/PC / spread handle / 6 1/4" (16 cm)**

- 2405-826 straight
- 2405-827 curved



2405-324S



2400-327



2400-827S

**Ragnell Undermining Power Cut Gold® Scissors**

PC gold / spatulated tips / curved

- 2400-374 4 1/2" (11.5 cm)
- 2400-375 5" (12.5 cm)
- 2400-376 5 1/2" (14 cm)
- 2400-377 6" (15 cm)
- 2400-379 7" (18 cm)
- 2400-381 8" (20 cm)
- 2400-383 9" (23 cm)
- 2400-383S 9" (23 cm) strong curved
- 2400-385 10 3/4" (26.5 cm)



strong curved  
2400-383S



2400-374



2400-375

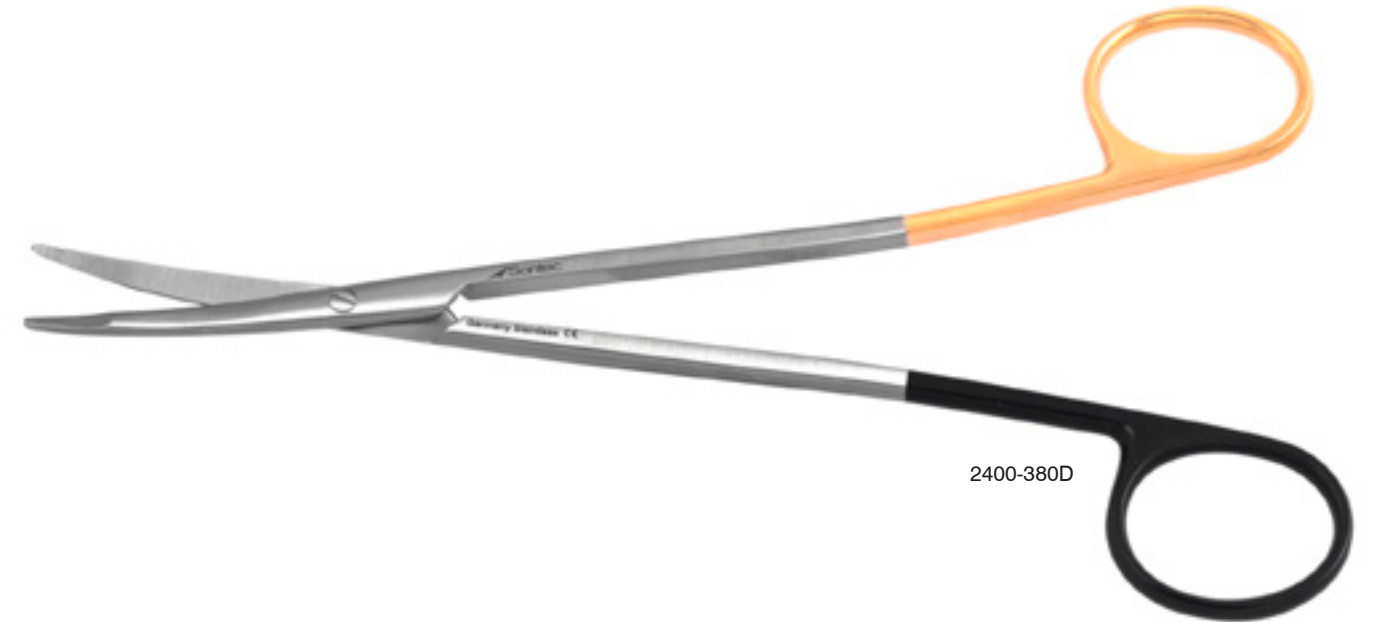


2400-377

**Ragnell Tungsten Carbide Power Cut Gold® Scissors**

TC PC gold / spatulated tips / curved / delicate / spread handles

- 2400-380D 7" (17.8 cm)



2400-380D

**Iris Scissors**

**Classic / 4 1/2" (11.5 cm)**

- 13-7700 straight
- 13-7710 curved
- 13-7620 curved sideways
- 13-7715 angled sideways

**PC gold / 4 1/2" (11.5 cm)**

- 1200-025 angled sideways
- 1200-026 straight
- 1200-028 curved

**PC black / sharp tips / 4 1/2" (11.4 cm)**

- 2400-711 straight
- 2400-713 curved

**PC black / blunt / 4" (10 cm)**

- 2400-715 straight
- 2400-717 curved

**TC / 4 1/2" (11.5 cm)**

- 112-480 straight
- 112-478 curved

**TC/PC / 4 1/2" (11.5 cm)**

- 1200-502 straight
- 1200-503 curved



13-7700



1200-025



1200-503

**Doyen Classic Model Power Cut Gold® Scissors**

**Serrated / classic / 6 1/2" (16.5 cm)**

- 1100-196 straight
- 1100-198 curved

**Serrated / PC gold / 6 1/2" (16.5 cm)**

- 1200-601 straight
- 1200-603 curved

**Serrated / classic / 7 1/4" (18.5 cm)**

- 1100-197 straight
- 1100-199 curved

**Serrated / PC gold / 7 1/4" (18.5 cm)**

- 1200-600 straight
- 1200-602 curved



1200-602

**Operating Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut® Scissors**

**Blunt-blunt / straight / 5 1/2" (14 cm)**

- 1100-212 classic
- 1100-260 TC
- 1200-212 PC gold
- 1200-712 PC black



blunt-blunt



sharp-blunt

**Blunt-blunt / curved / 5 1/2" (14 cm)**

- 1100-224 classic
- 1100-262 TC
- 1200-224 PC gold
- 1200-713 PC black



1200-229

**Sharp-blunt / straight / 5 1/2" (14 cm)**

- 1100-214 classic
- 1100-214L classic left
- 1100-265 TC
- 1200-214 PC gold
- 1200-229 TC/PC
- 1200-714 PC black



1100-214L

**Sharp-blunt / curved / 5 1/2" (14 cm)**

- 1100-226 classic
- 1100-264 TC
- 1200-226 PC gold
- 1200-715 PC black



1200-714

**Operating Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut® Scissors**

**Sharp-sharp / straight / 5 1/2" (14 cm)**

- 1100-216 classic
- 1100-268 TC
- 1200-216 PC gold
- 1200-231 TC/PC
- 1200-716 PC black



blunt-blunt



sharp-blunt

**Sharp-sharp / curved / 5 1/2" (14 cm)**

- 1100-228 classic
- 1100-270 TC
- 1200-228 PC gold
- 1200-717 PC black



1100-268



1200-716



**Operating Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut® Scissors**

**Blunt-blunt / straight / 6 1/2" (16.5 cm)**

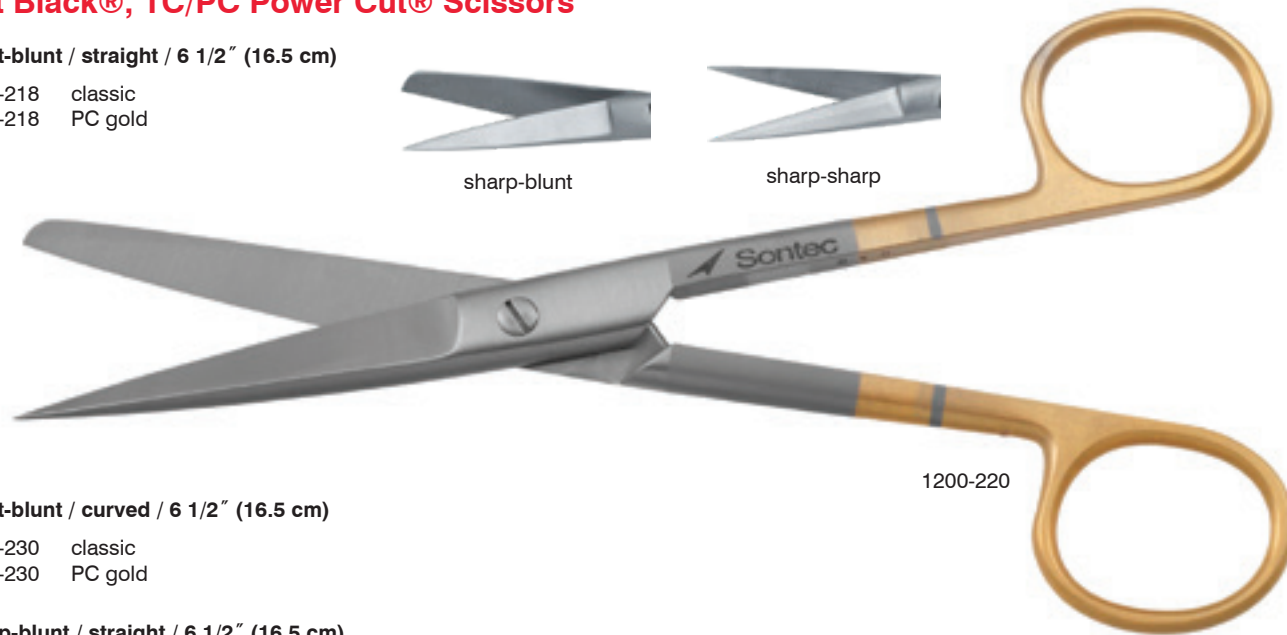
- 1100-218 classic
- 1200-218 PC gold



sharp-blunt



sharp-sharp



1200-220

**Blunt-blunt / curved / 6 1/2" (16.5 cm)**

- 1100-230 classic
- 1200-230 PC gold

**Sharp-blunt / straight / 6 1/2" (16.5 cm)**

- 1100-220 classic
- 1200-220 PC gold



1100-218

**Sharp-blunt / curved / 6 1/2" (16.5 cm)**

- 1100-232 classic
- 1200-232 PC gold



1100-230

**Operating Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, TC/PC Power Cut® Scissors**

**Sharp-sharp / straight / 6 1/2" (16.5 cm)**

- 1100-222 classic
- 1200-222 PC gold



sharp-blunt



sharp-sharp

**Sharp-sharp / curved / 6 1/2" (16.5 cm)**

- 1100-234 classic
- 1200-234 PC gold

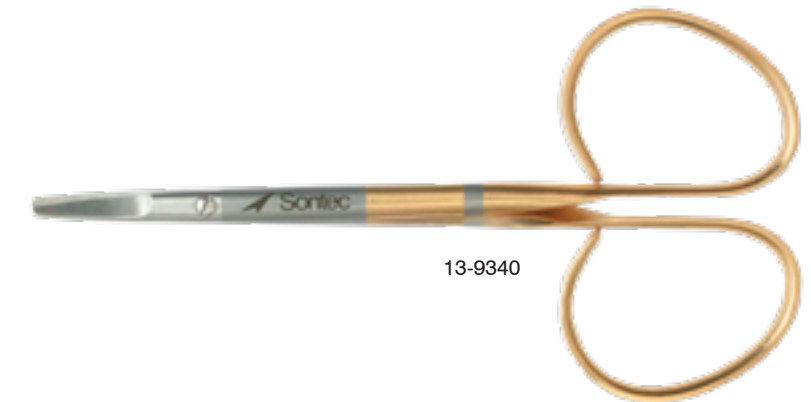


1100-222

**Utility Scissors**

**Ribbon handled / delicate flat blade / slight curve / 4" (10 cm)**

- 13-9340 PC Gold
- 13-9341 PC Black



13-9340



13-9341

**Knowles Bandage Scissors**

Superior cutting ability / straight / 5 1/2" (14 cm)

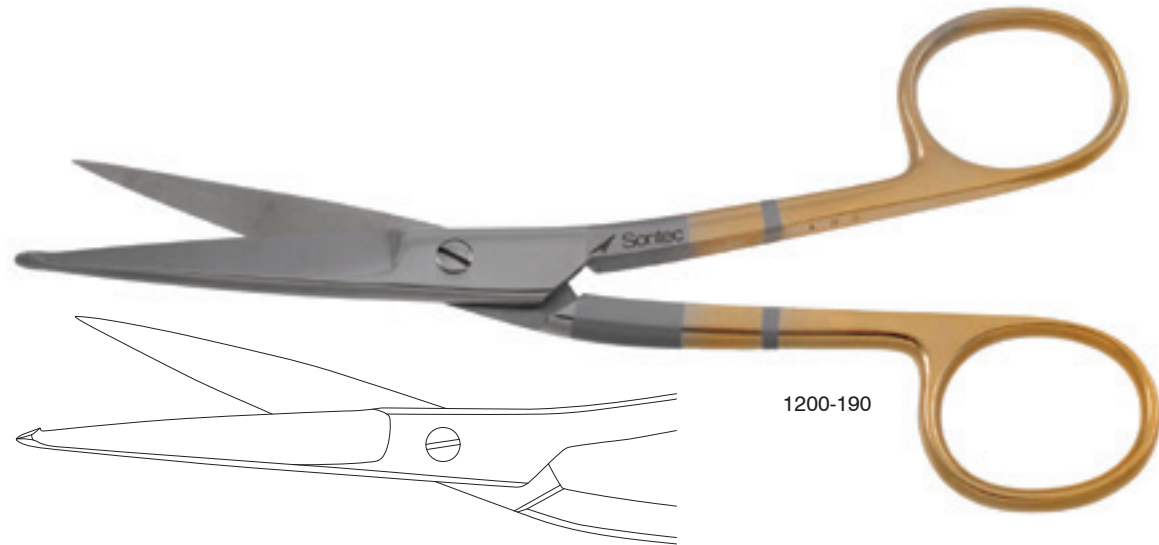
- 1100-207 classic
- 1200-192 PC gold

Superior cutting ability / angled / 5 1/2" (14 cm)

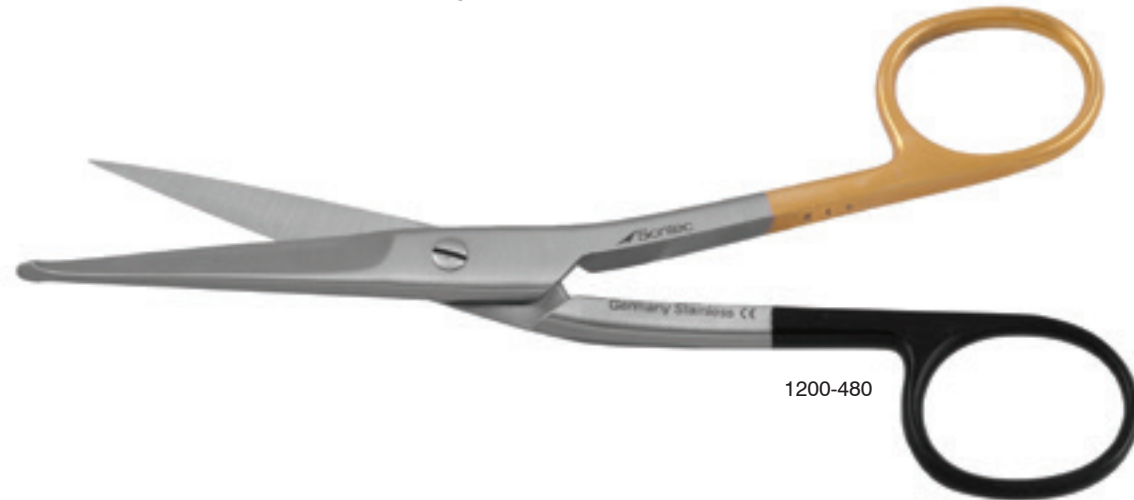
- 1100-208 serrated
- 1200-190 PC gold
- 1200-690 PC black
- 1200-480 TC/PC



1200-690



1200-190

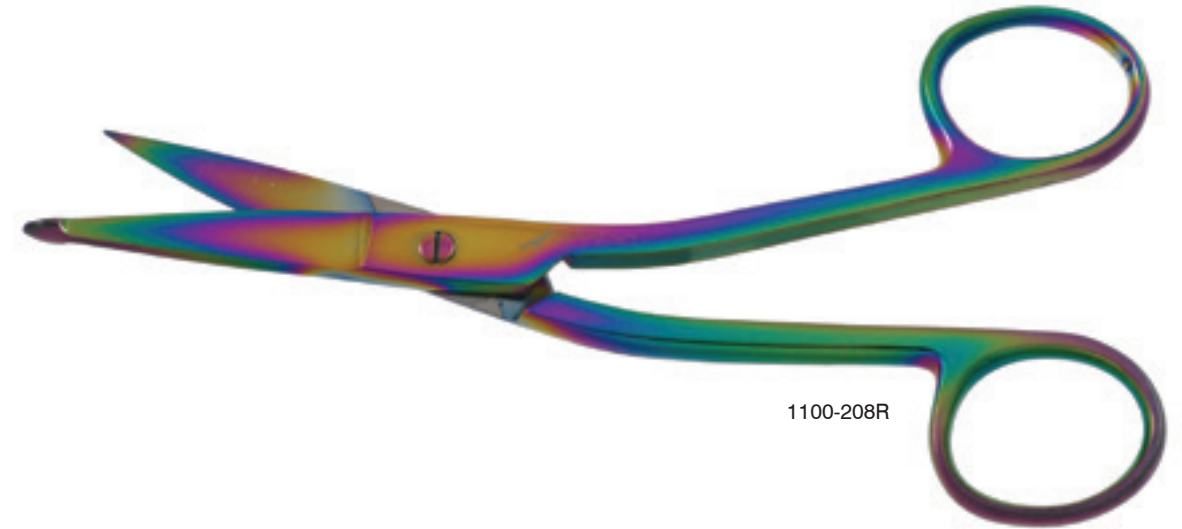


1200-480

**Knowles Bandage Scissors**

Superior cutting ability / angled / serrated / rainbow / 5 1/2" (14 cm)

- 1100-208R



1100-208R

**Ceramitec Knowles Bandage Scissors**

Superior cutting ability / angled / PC / 5 1/2" (14 cm)

- 1200-980



1200-980

**Taylor Bandage Scissors**

Double-curved / PC gold / 5 1/2" (14 cm)  
1200-195



1200-195

**Commander Utility Shears**

One serrated blade / with wire cutter / 8" (19.5 cm)  
240-625



**Esmarch Heavy Bandage Scissors**

8" (20.5 cm)  
240-610 classic  
1200-188 PC



1200-188

**Utility Scissors**

Autoclavable - serrated / plastic black handle

1100-211 5 1/2" (14 cm)  
1100-210 7 1/2" (19 cm)



1100-211

Autoclavable - serrated / plastic red handle

1100-211R 5 1/2" (14 cm)  
1100-210R 7 1/2" (19 cm)



1100-211R







**Mayo-Hegar Needle Holder**

**Serrated jaws without TC**

130-527	6 1/4" (15 cm)
130-529	7 1/4" (18 cm)
130-531	8" (20 cm)



130-527



130-529



130-531

**Tungsten carbide serrated jaws**

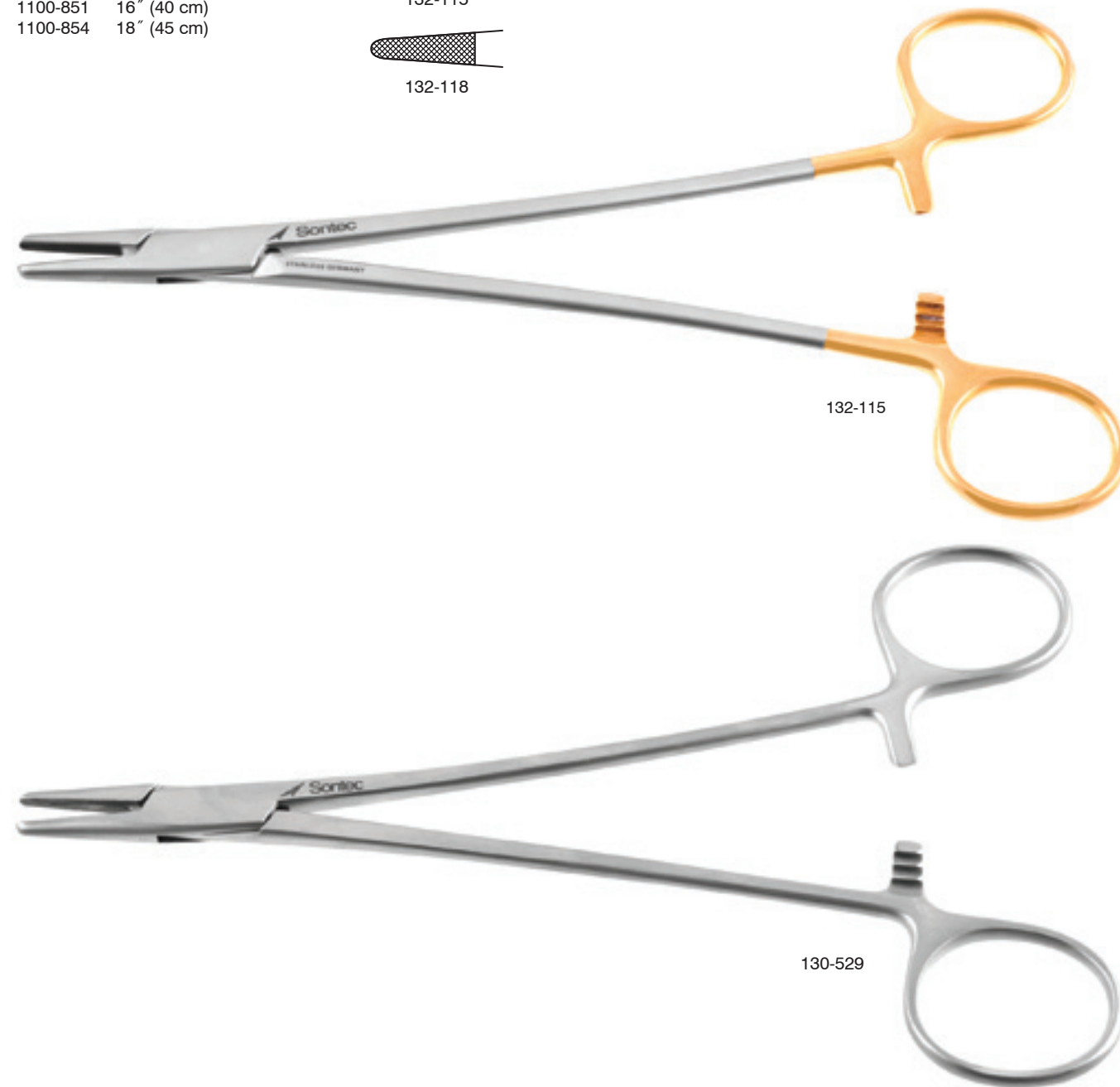
2300-328	5 3/4" (14.6 cm)
132-115	6 1/4" (15 cm)
132-118	7 1/4" (18 cm)
132-120	8" (20 cm)
132-122	9" (23 cm)
132-123	10" (25 cm)
132-125	12" (30 cm)
1100-853	14" (35 cm)
1100-851	16" (40 cm)
1100-854	18" (45 cm)



132-115



132-118



132-115

130-529

**Sontec Mayo-Hegar Needle Holder**

Unique design / TC serrated / 6 1/4" (14 cm)

1100-113

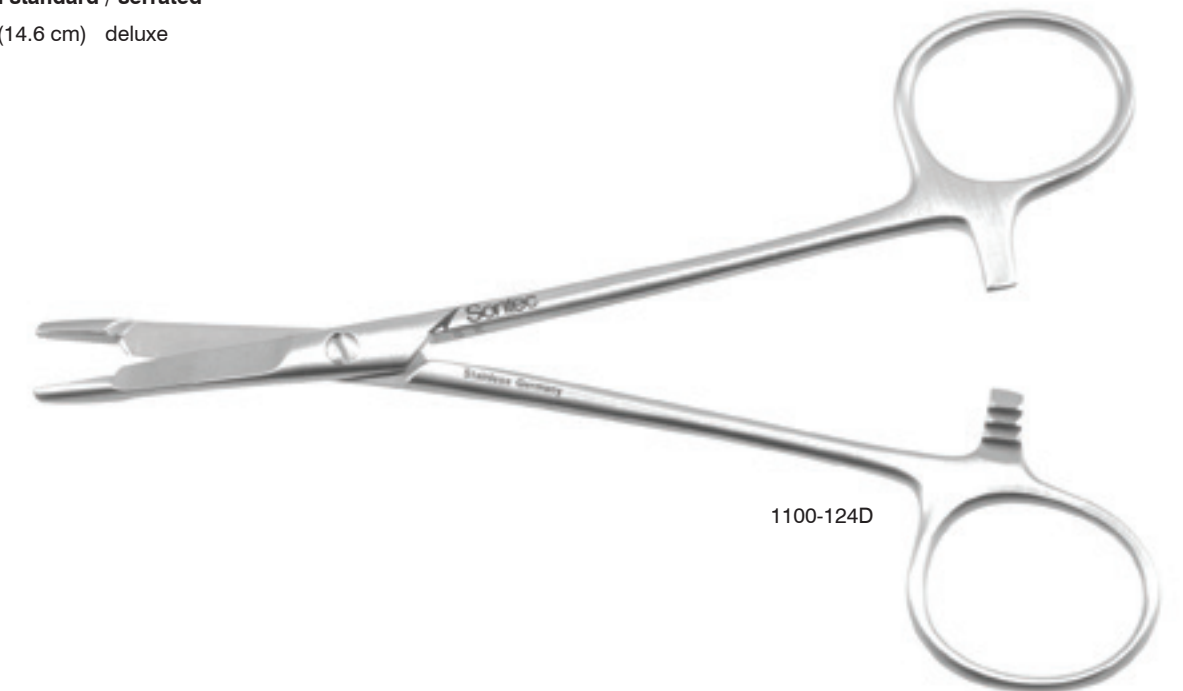


1100-113

**Sontec Olsen-Hegar Deluxe Needle Holder**

Unique jaw design standard / serrated

1100-124D 5 3/4" (14.6 cm) deluxe



1100-124D

**Olsen-Hegar Needle Holder**

Serrated without TC/standard / suggested suture size 5-0 and smaller

1100-124A 5 1/2" (14 cm)

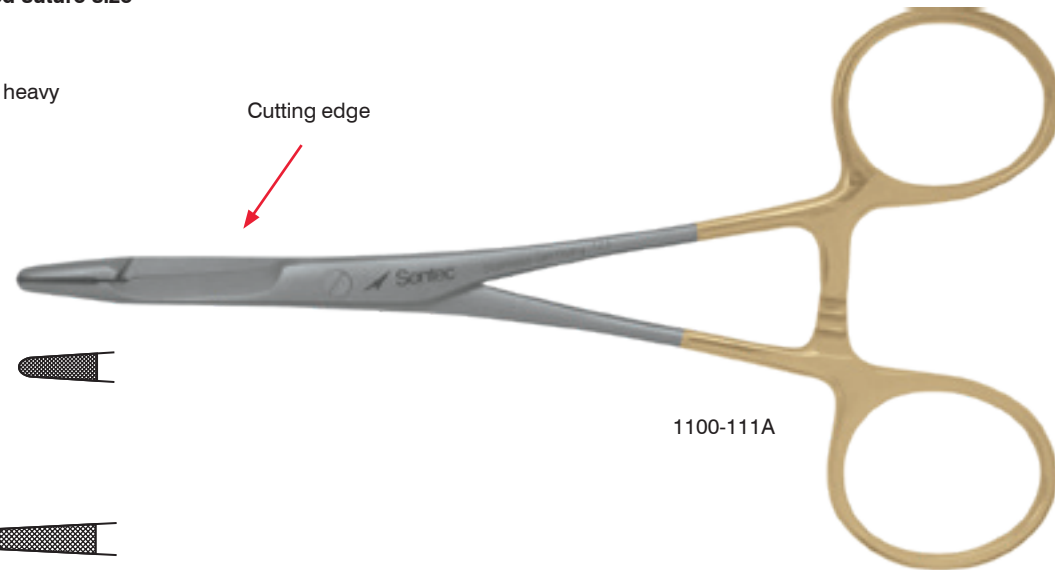
Tungsten carbide / suggested suture size 5-0 and smaller

1100-111A 5 1/2" (14 cm) round jaw  
1100-111 5 1/2" (14 cm) custom delicate

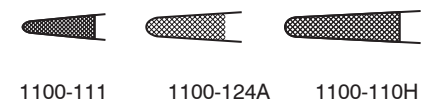
Tungsten carbide / suggested suture size 5-0 and smaller

1100-110 7 1/2" (19 cm)  
1100-110H 7 1/2" (19 cm) heavy

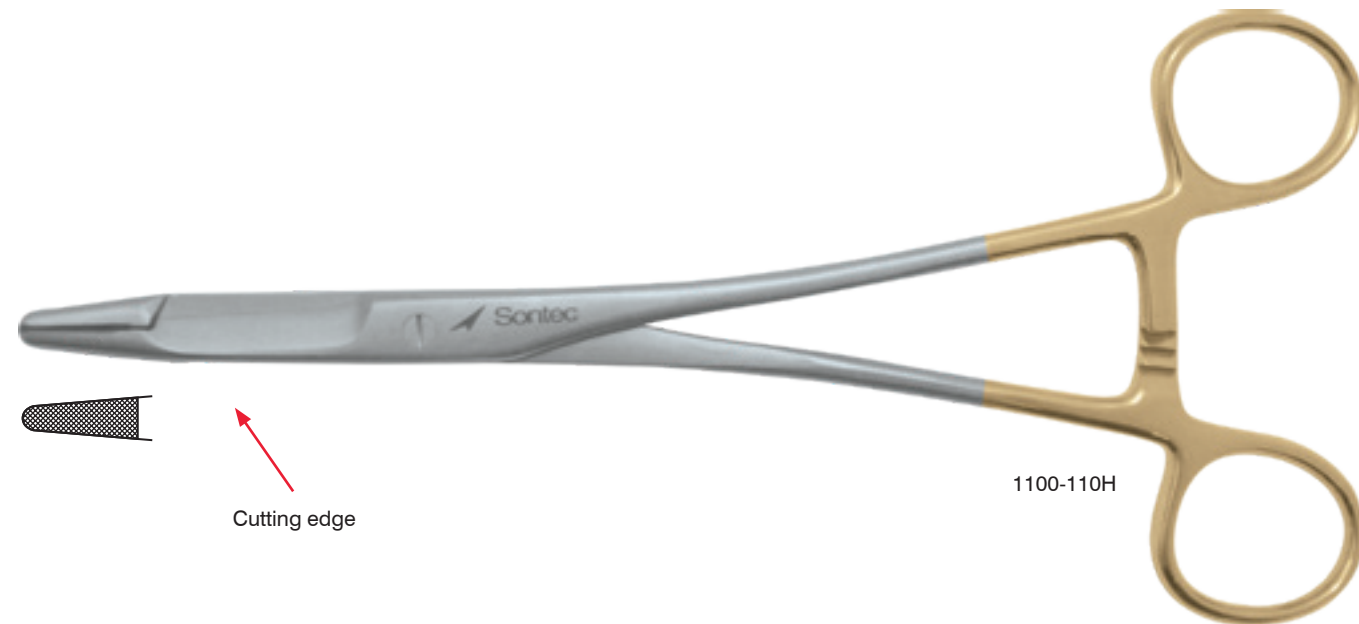
Cutting edge



1100-111A



1100-111 1100-124A 1100-110H



1100-110H

Cutting edge

**Olsen-Hegar Deluxe Needle Holder**

Tungsten carbide

1100-105A 5" (12.5 cm)  
1100-106D 5 3/4" (14.5 cm)

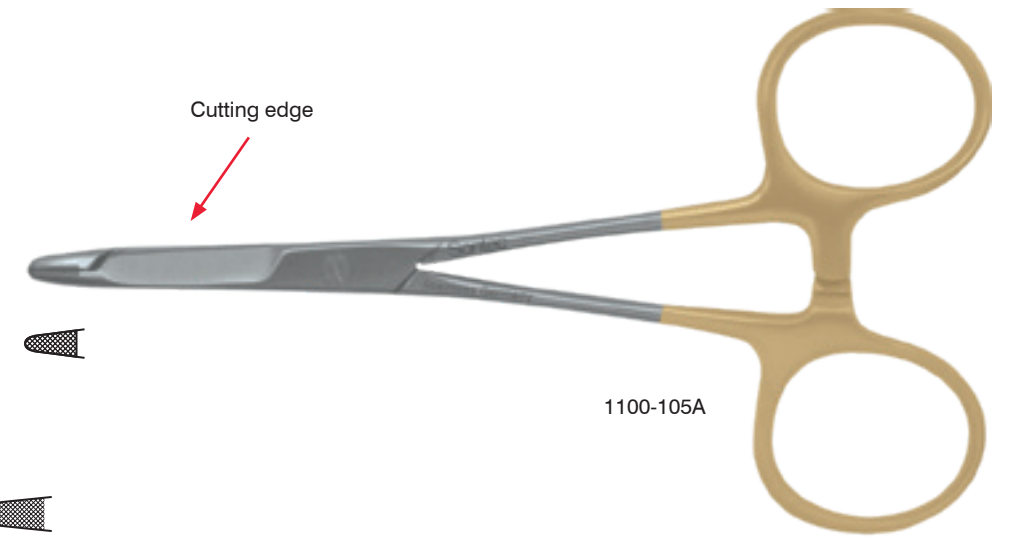
TC Dust jaws

1100-105D 5 3/4" (14.5 cm)

Serrated without TC/standard

1100-124D 5 3/4" (14.5 cm)  
1100-126D 6 3/4" (17 cm)  
1100-128D 7 3/4" (19.5 cm)

Cutting edge

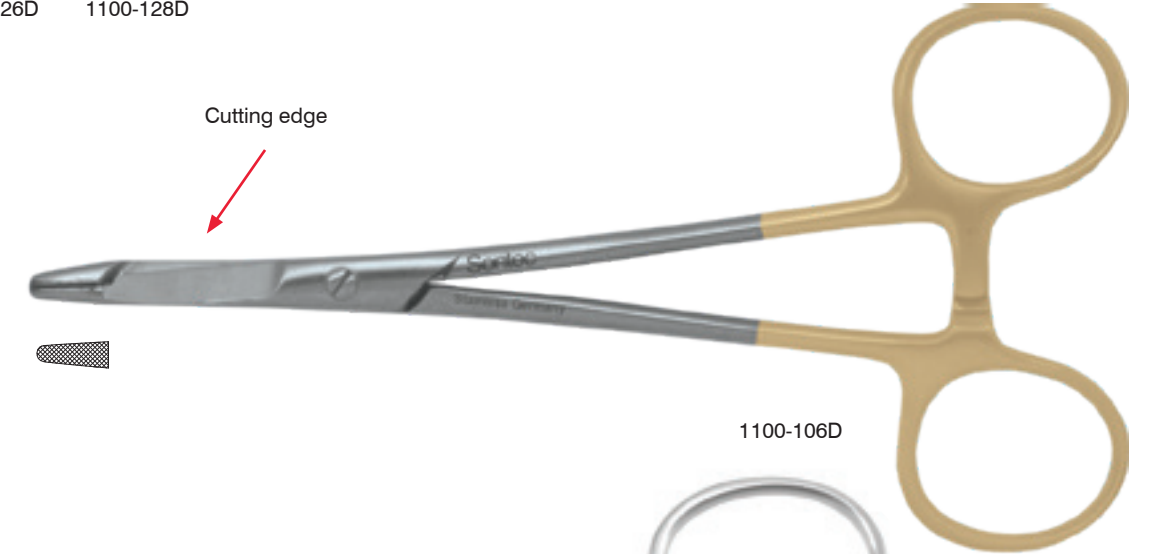


1100-105A



1100-124D 1100-126D 1100-128D

Cutting edge



1100-106D



1100-124D

**Sontec-Olsen-Hegar Deluxe Needle Holder**

Tungsten carbide jaws / unique jaw design

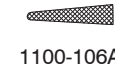
- 1100-108D 6 3/4" (17 cm)
- 1100-110D 7 3/4" (19.5 cm)



**Sontec Olsen-Hegar Needle Holder**

Unique jaw design / tungsten carbide

- 1100-106 5 1/2" (14 cm)
- 1100-106A 5 1/2" (14 cm) delicate
- 1100-108 6 1/2" (16.5 cm)



**Sontec Olsen-Hegar Needle Holder**

Unique jaw design / serrated without TC-standard

- 1100-124 5 1/2" (14 cm)
- 1100-126 6 1/2" (16.5 cm)



**Webster Needle Holder**

4 3/4" (12 cm)

- 1100-392 serrated w/out TC
- 2300-516 TC serrated
- 2300-518 TC smooth
- 2300-520 TC dust
- 2300-521 6" TC dust



2300-520  
TC Dust



2300-518  
TC Smooth

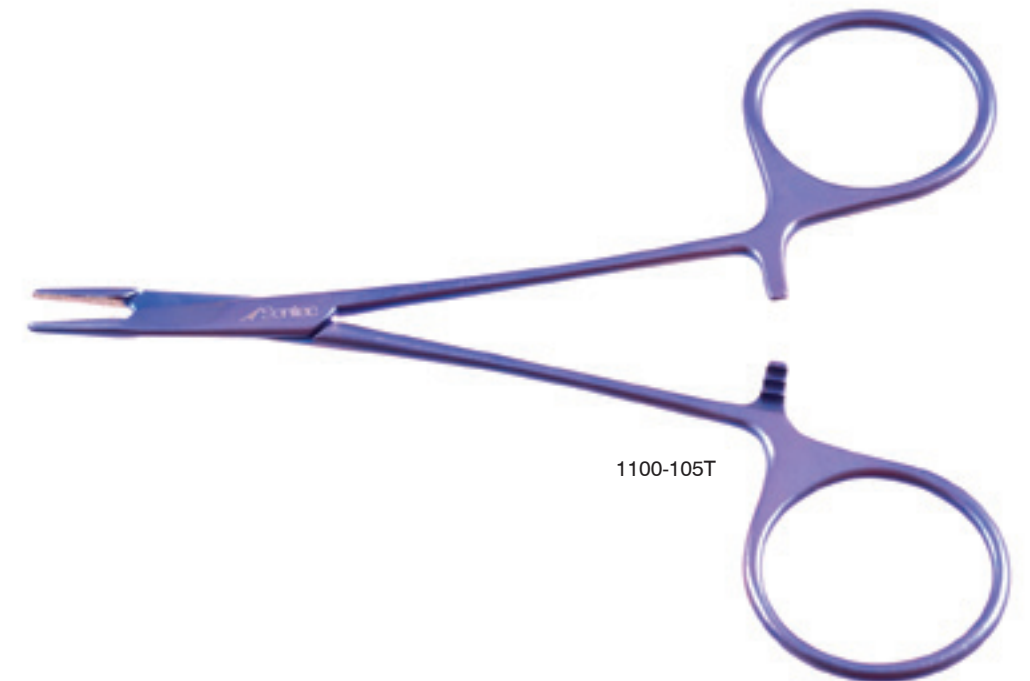


2300-516  
TC Serrated

**Olsen-Webster Needle Holder Titanium**

Fine jaw / 5" (12.7 cm) / TC dust

- 1100-105T



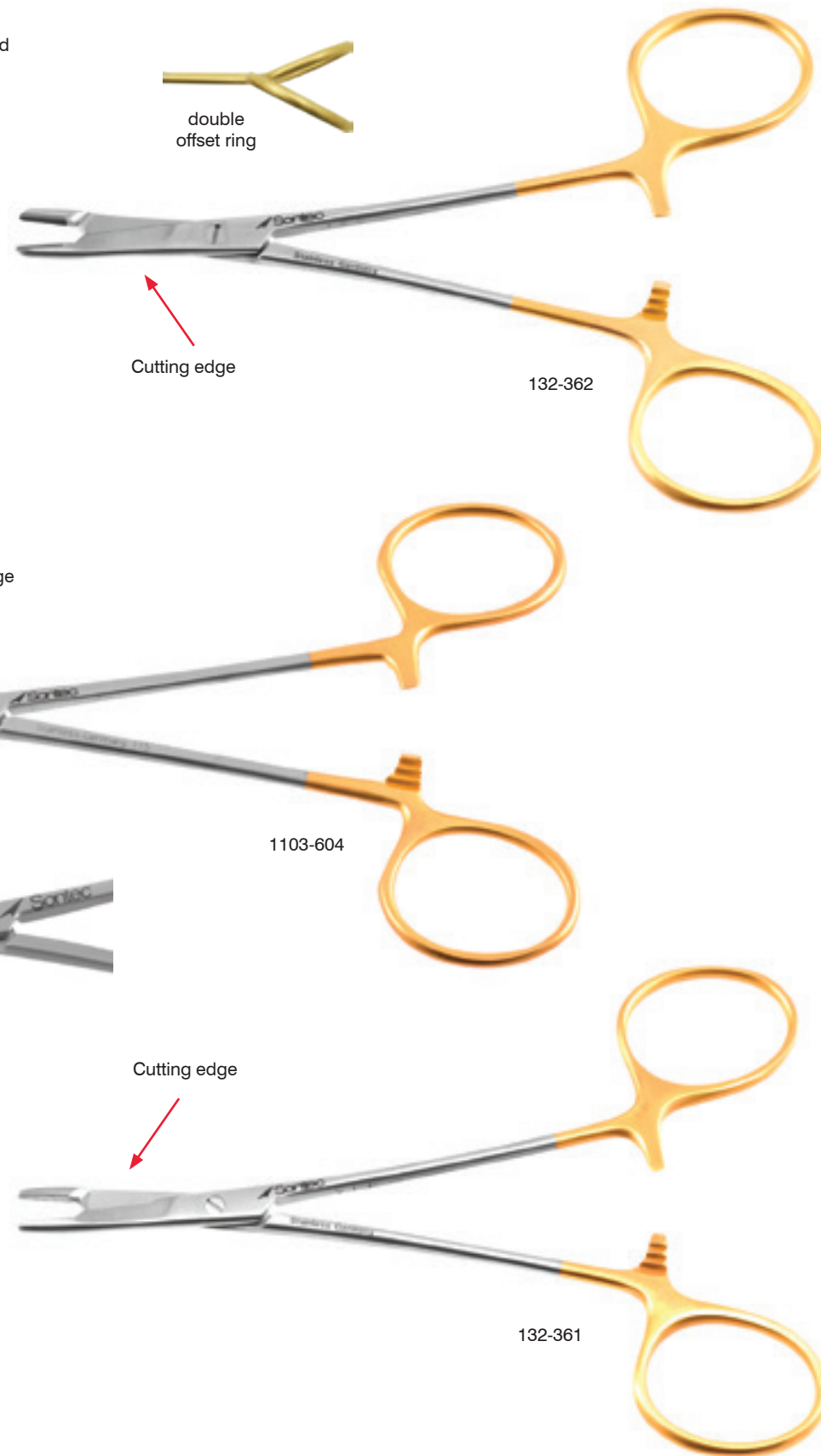
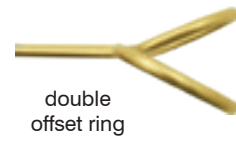


**Olsen-Webster Needle Holder**

4 3/4" (12 cm)

- 1103-601 serrated w/out TC/standard
- 132-362 TC serrated
- 132-359 TC serrated delicate
- 132-360 TC smooth
- 1103-604 TC dust delicate
- 132-361 TC dust
- 132-362D TC serrated \*
- 132-362S TC offset ring

\* Double offset ring



**Kaye Needle Holder**

Tungsten carbide

- 132-348 4 3/4" (12.1 cm)
- 132-350 7" (18 cm)

TC Dust

- 132-352 4 3/4" (12.1 cm)
- 132-354 7" (18 cm)

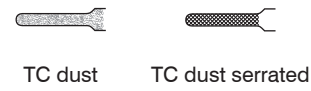
Cutting edge



**Ryder Needle Holder Titanium**

Standard box lock / TC dust / suggested suture size 5-0 and smaller

- 2600-791 6" (15 cm)
- 2600-792 6 3/4" (17 cm)
- 2600-793 7 1/2" (19 cm)



Microvascular / standard box lock / TC Dust

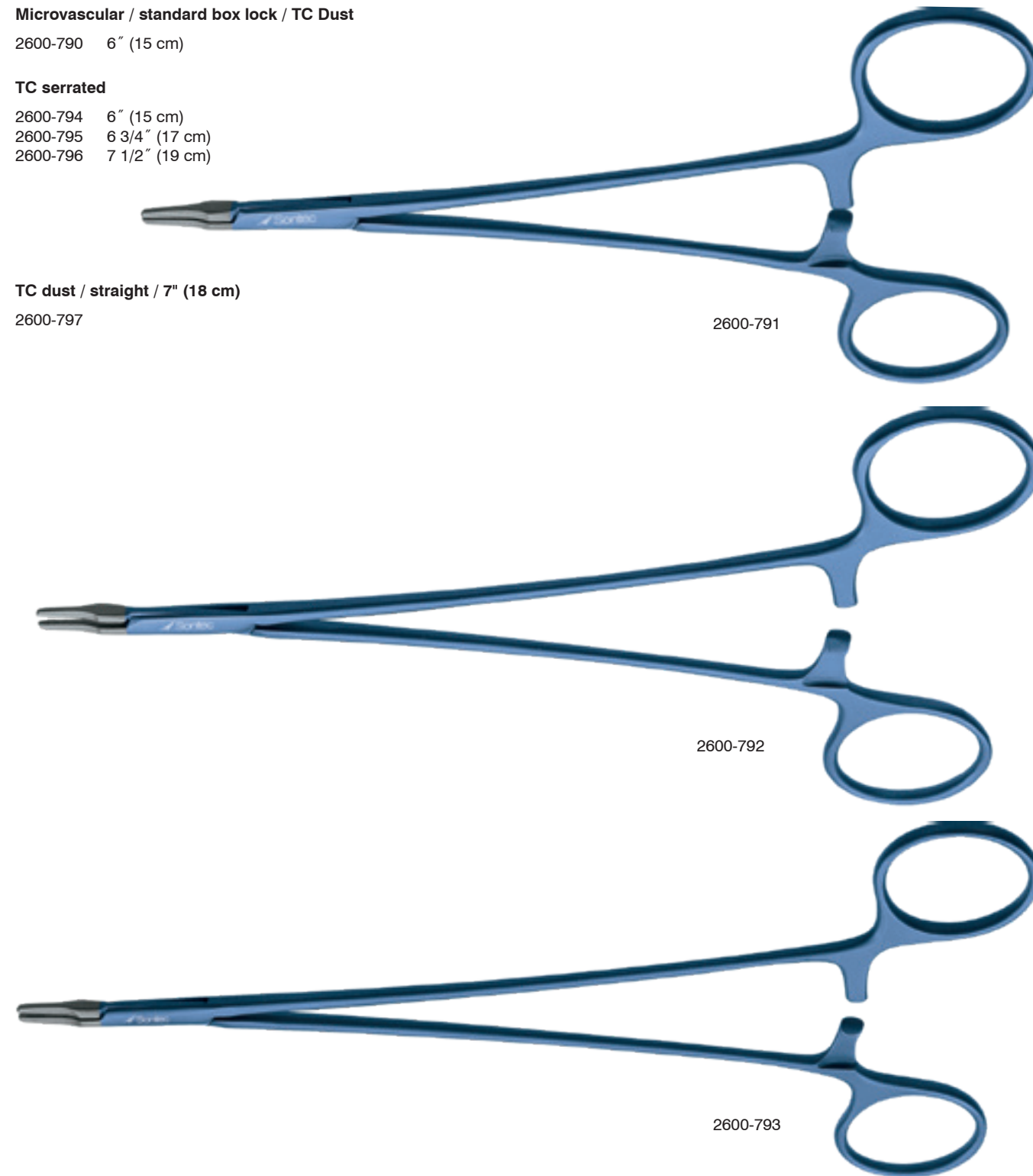
- 2600-790 6" (15 cm)

TC serrated

- 2600-794 6" (15 cm)
- 2600-795 6 3/4" (17 cm)
- 2600-796 7 1/2" (19 cm)

TC dust / straight / 7" (18 cm)

- 2600-797



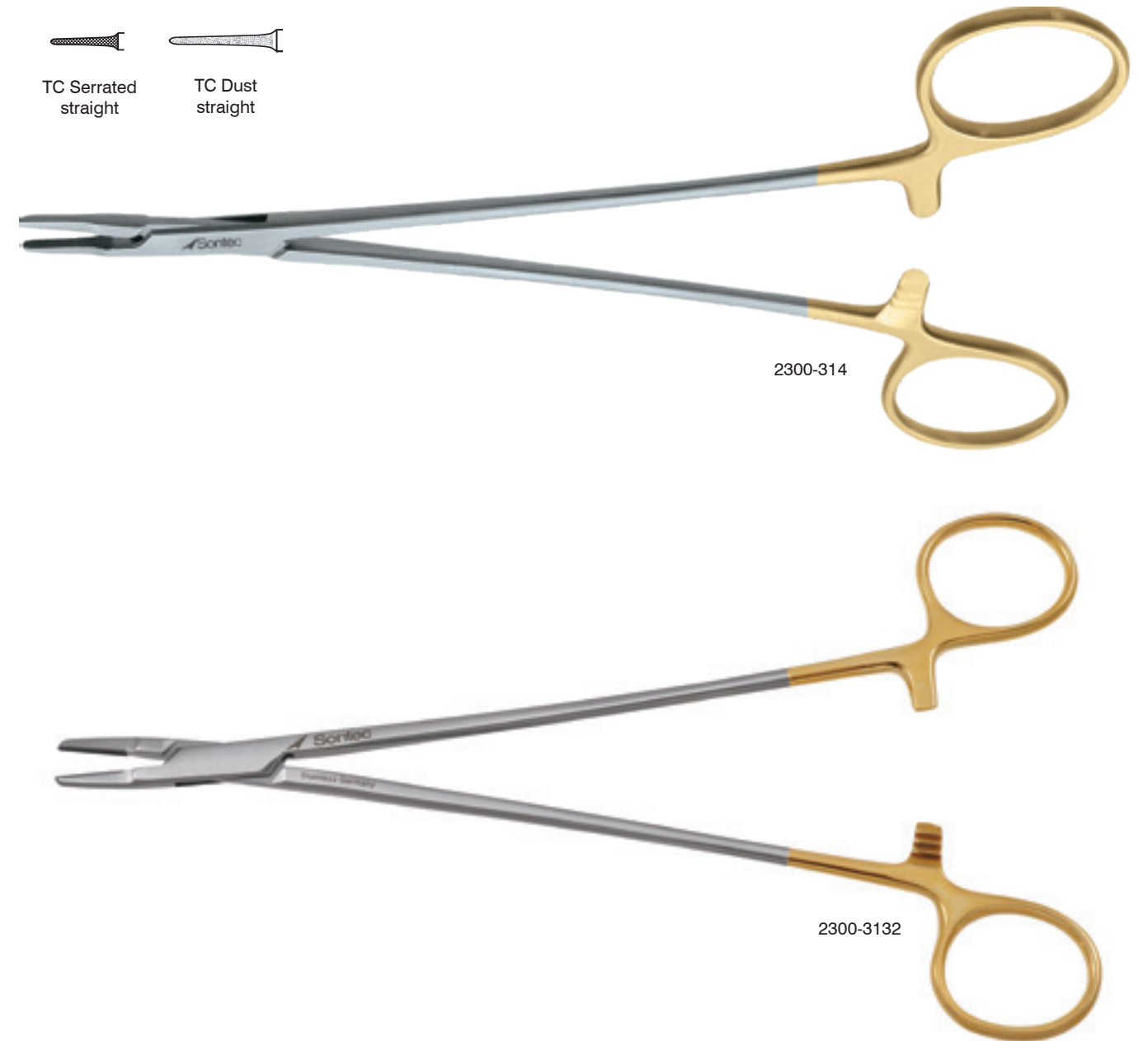
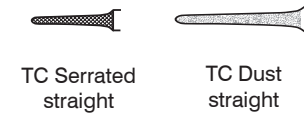
**Ryder Standard Size Needle Holder**

1.5 mm jaw / streamlined box lock / TC

- 2300-307 5" (13 cm)
- 2300-309 6" (15 cm)
- 2300-310 6 1/2" (15.5 cm)
- 2300-311 7" (18 cm)
- 2300-313 8" (20 cm)
- 2300-315 9" (23 cm)

2 mm jaw / streamlined box lock / TC

- 2300-3132 8" (20 cm)



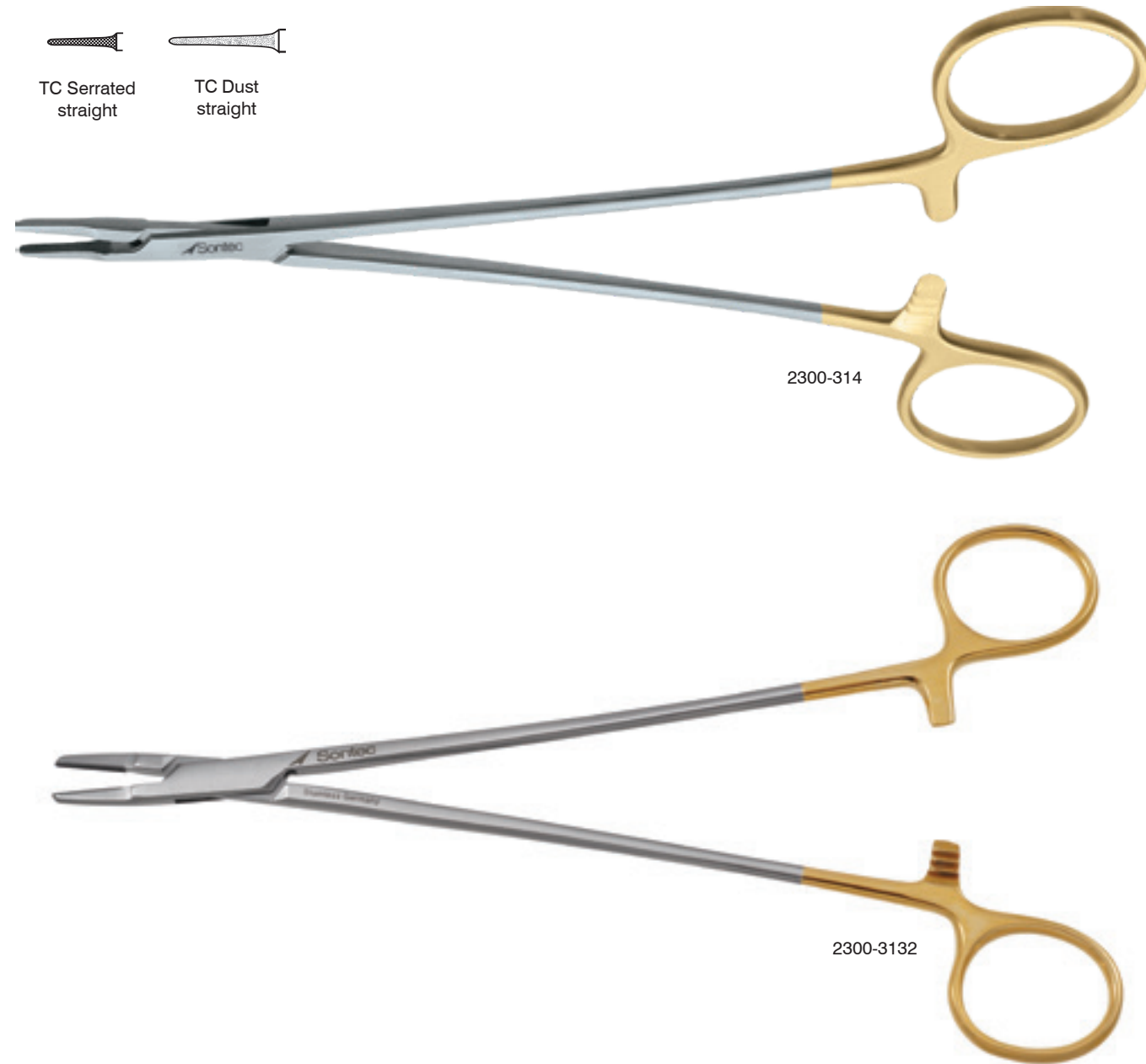
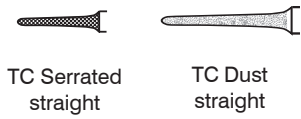
**Ryder Standard Size Needle Holder**

1.5 mm jaw / streamlined box lock / TC / serrated

- 2300-307 5" (13 cm)
- 2300-309 6" (15 cm)
- 2300-310L 6" (15 cm) left
- 2300-310 6 1/2" (15.5 cm)
- 2300-311 7" (18 cm)
- 2300-313 8" (20 cm)
- 2300-315 9" (23 cm)

2 mm jaw / streamlined box lock / TC

- 2300-3132 8" (20 cm)



**Sontec Ryder Needle Holder**

TC serrated / 5 1/2" (14 cm)

- 132-298



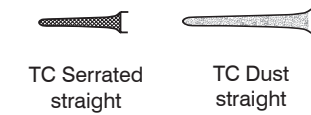
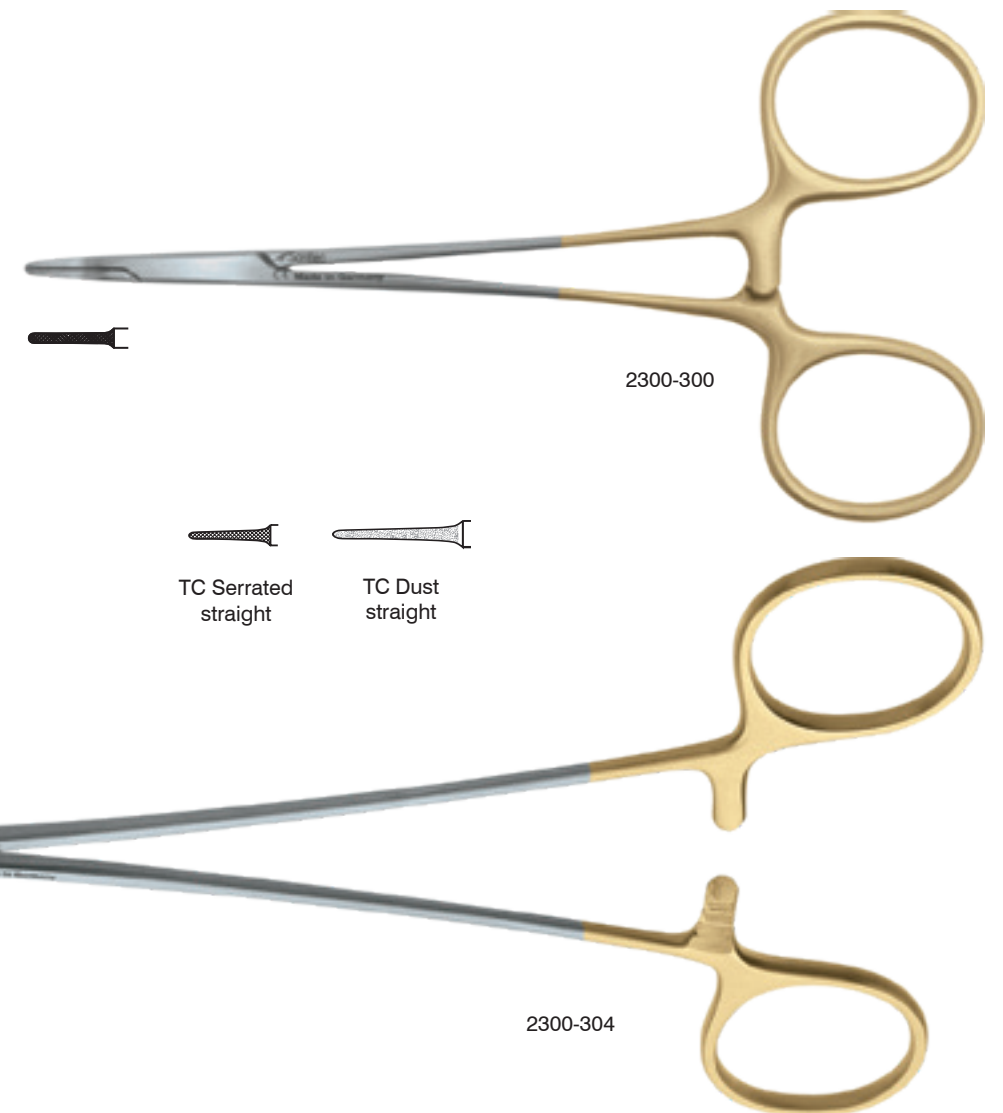
**Ryder Delicate Needle Holder**

1 mm jaw / TC serrated

- 2300-298 4 3/4" (12 cm)
- 2300-300 5" (12.5 cm)
- 1100-122 5" (12.5 cm) 2 mm jaw
- 2300-302 6" (15 cm)
- 2300-304 7" (18 cm)
- 2300-306 8" (20 cm)
- 2300-308 9" (23 cm)

1 mm jaw / TC smooth

- 2300-298S 4 3/4" (12 cm)
- 2300-300S 5" (12.5 cm)
- 2300-302S 6" (15 cm)
- 2300-304S 7" (18 cm)
- 2300-306S 8" (20 cm)
- 2300-308S 9" (23 cm)



**Derf Needle Holder**

**Mini / 3 1/2" (9 cm)**

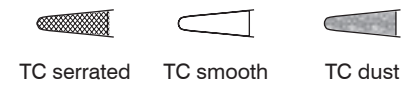
- 132-375 TC dust
- 132-376 TC serrated
- 132-376S TC smooth

**Mini / 4 1/4" (11 cm)**

- 132-632 TC serrated
- 132-634 smooth

**4 3/4" (12 cm)**

- 130-508
- 132-364 TC serrated
- 132-365 TC Dust



**Par Needle Holder**

**TC serrated**

- 132-367A 4 1/2" (11.5 cm)
- 132-367 5 1/4" (13 cm)





**Crile-Wood Needle Holder**

**Serrated without TC**

- 130-521 6" (15 cm)
- 130-523 7" (18 cm)
- 130-525 8" (20 cm)
- 130-526 9" (23 cm)



130-521



132-210



132-214



132-218

**TC Serrated**

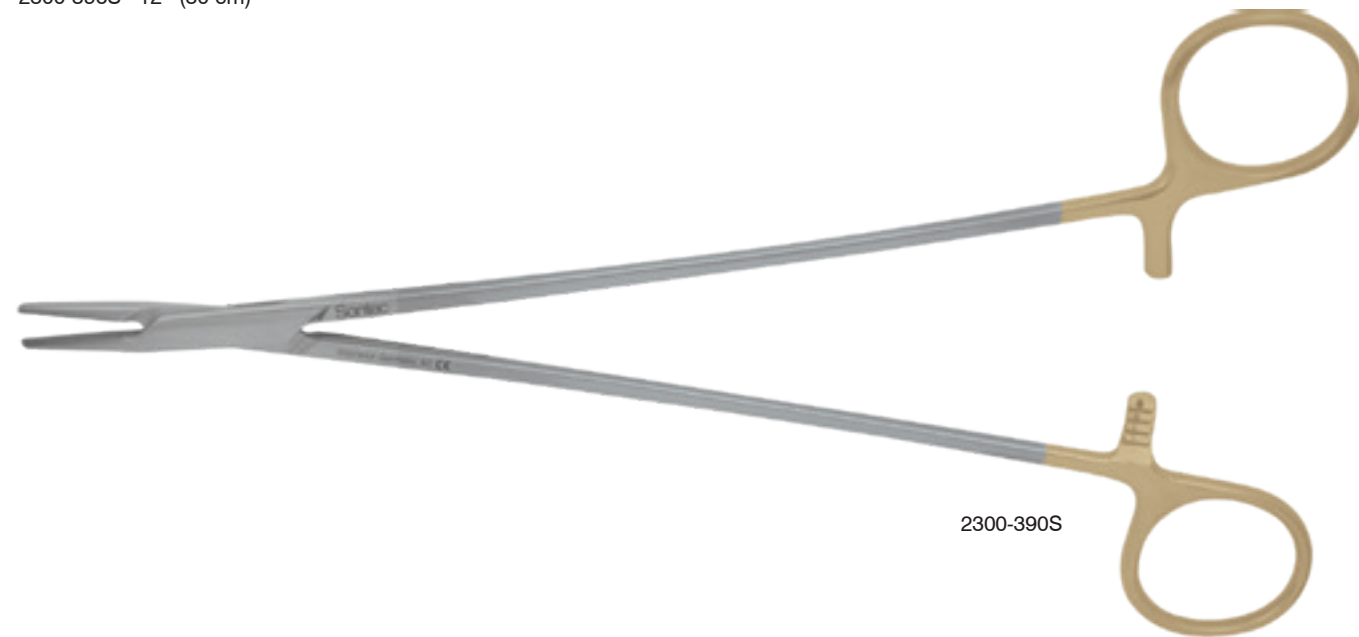
- 132-388 str 6" (15 cm)
- 132-210 str 7" (18 cm)
- 132-223 cvd 7" (18 cm)
- 132-212 str 8" (20 cm)
- 132-225 cvd 8" (20 cm)
- 132-214 str 9" (23 cm)
- 132-224 cvd 9" (23 cm)
- 132-216 str 10" (25 cm)
- 132-218 str 12" (30 cm)



132-388

**Streamlined box lock / TC serrated**

- 2300-378 6" (15 cm)
- 2300-384S 7" (18 cm)
- 2300-388S 8" (20 cm)
- 2300-390S 9" (23 cm)
- 2300-394S 10" (25 cm)
- 2300-396S 12" (30 cm)



2300-390S

**Mathieu Heavy Needle Holder**

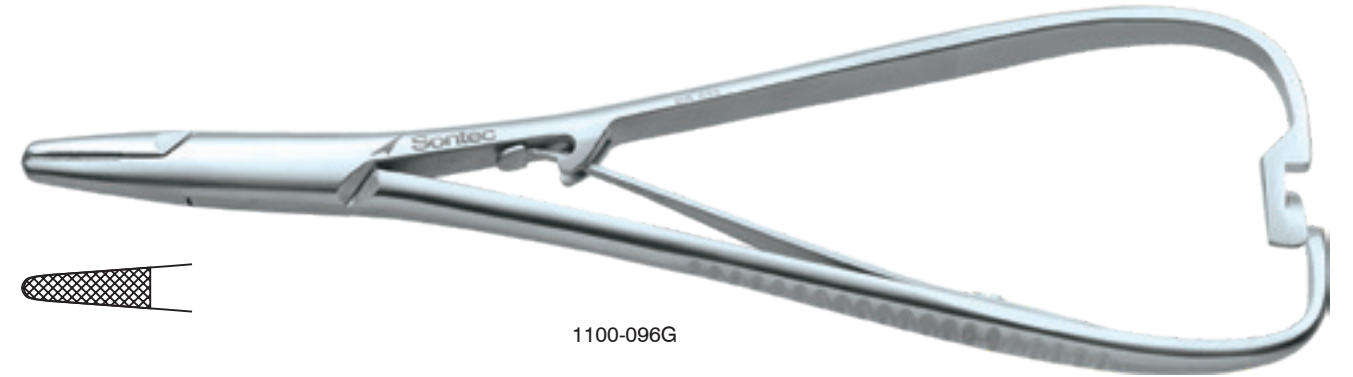
**Standard**

- 130-564 6 3/4" (17 cm) \*
- 130-565 8" (20 cm) \*

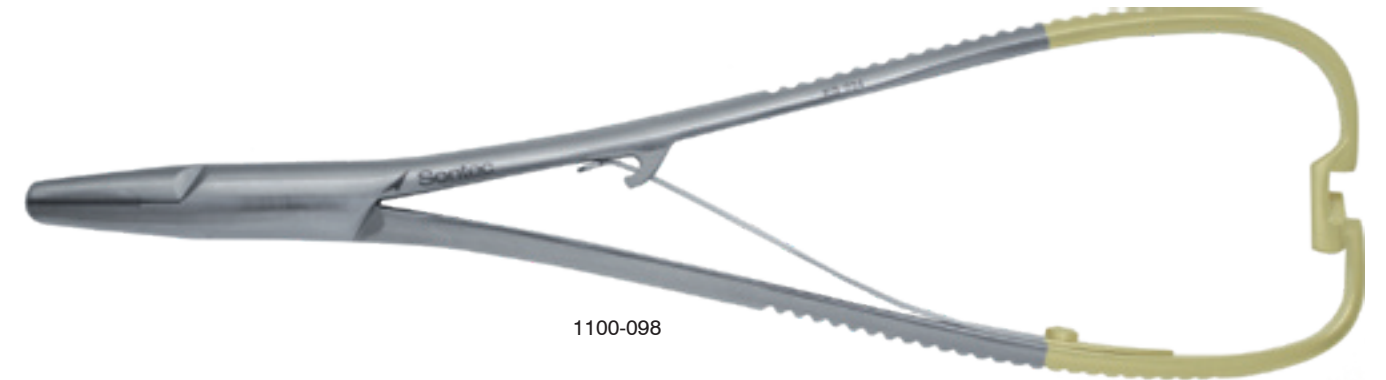
**Tungsten carbide serrated**

- 1100-094 6 3/4" (17 cm) \*
- 1100-098 8" (20 cm) \*
- 1100-096G 6 3/4" (17 cm) heavy w/guard

\* Also suitable as a wire twister



1100-096G



1100-098

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