



# Sontec Instruments®

A TRADITION OF FINE SURGICAL INSTRUMENTS

VETERINARY

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 Veterinary 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

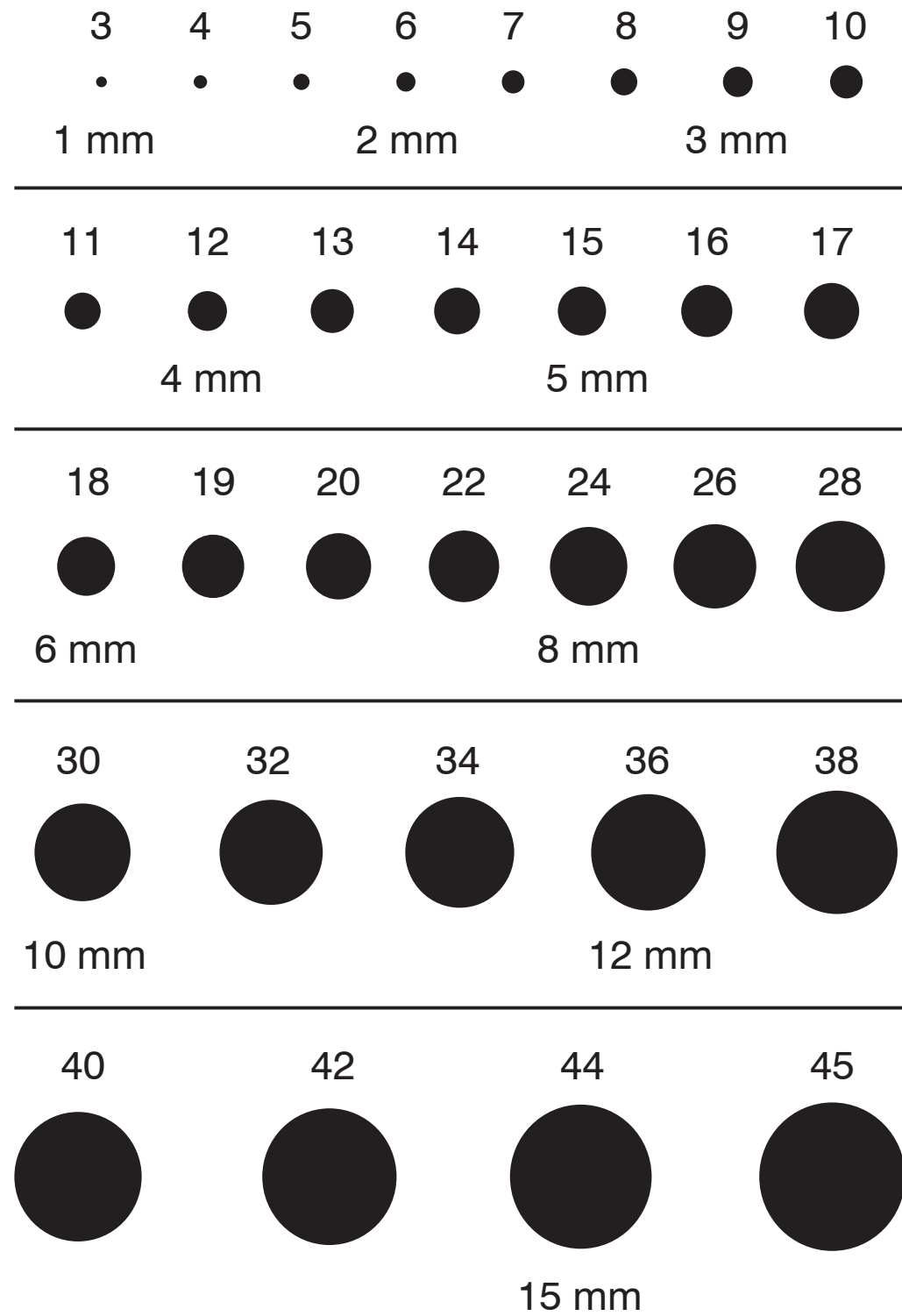
### Contact Info

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

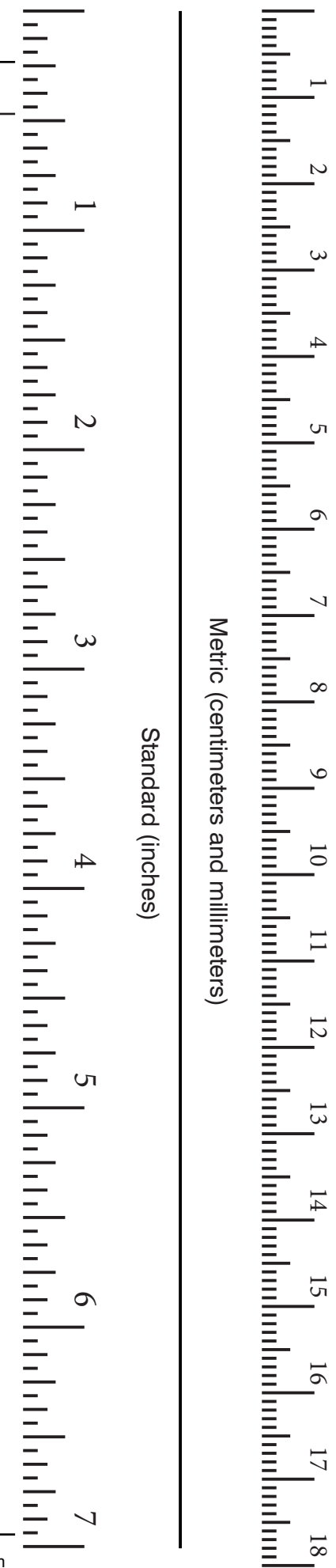
Problem	Cause	Solution
Rust	Worn chrome plating on brass instruments	Be aware of plating condition and remove from service when wear is visible.
	Cross-corrosion from carbon instruments to stainless steel	Keep carbon steel and stainless steel instruments separated during cleaning and sterilization.
	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 - colored 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.

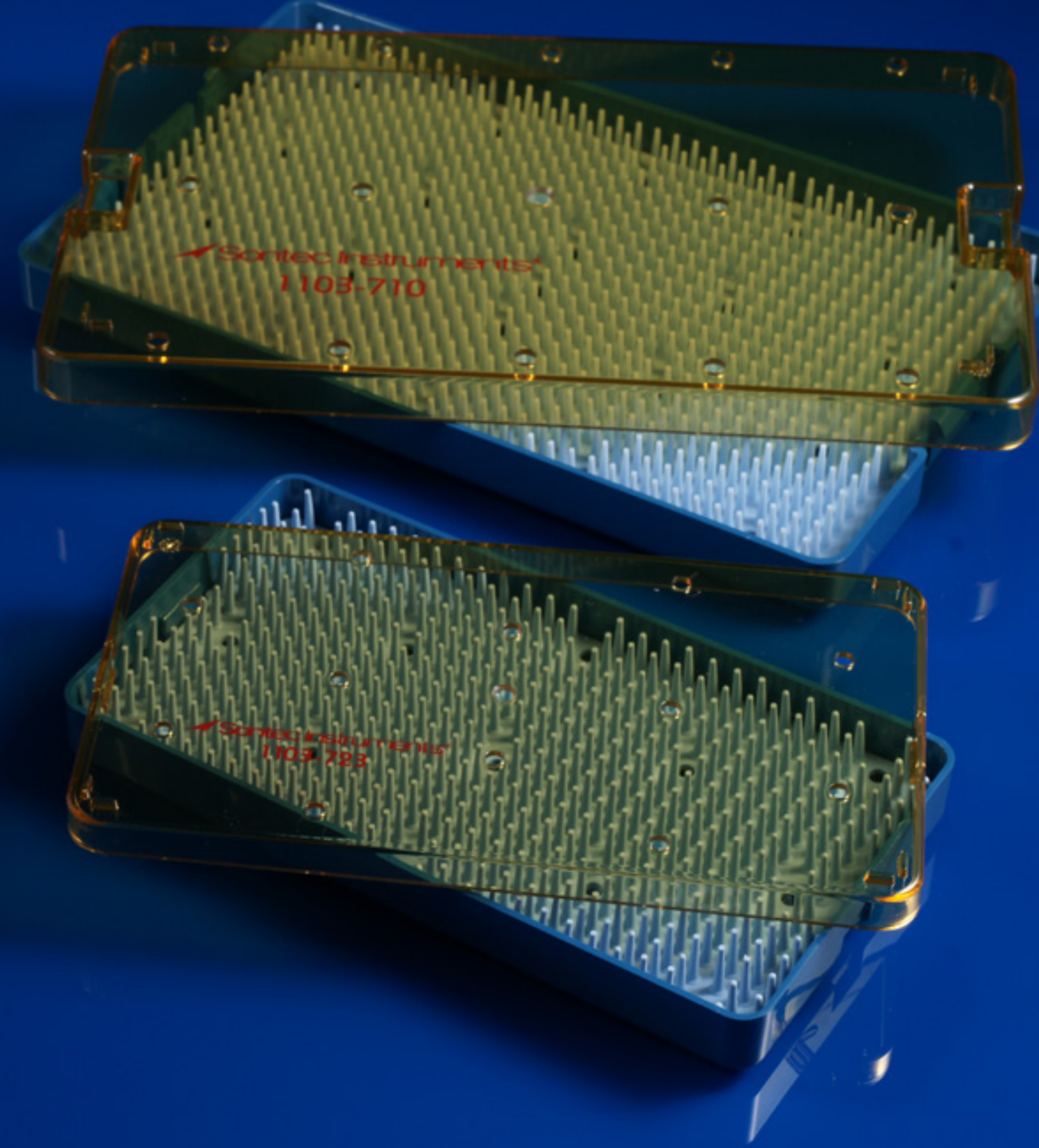
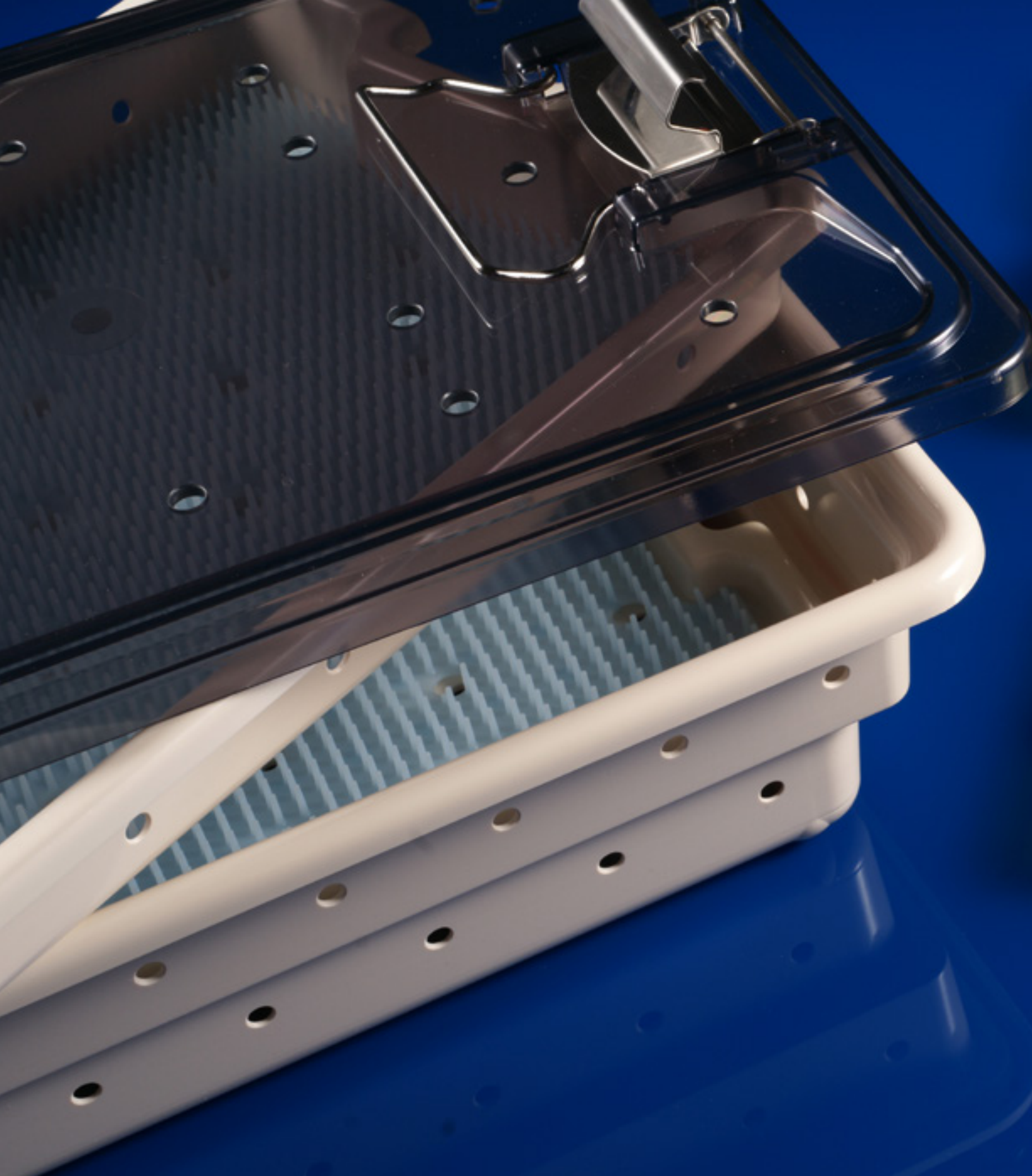
Conversion Table



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		





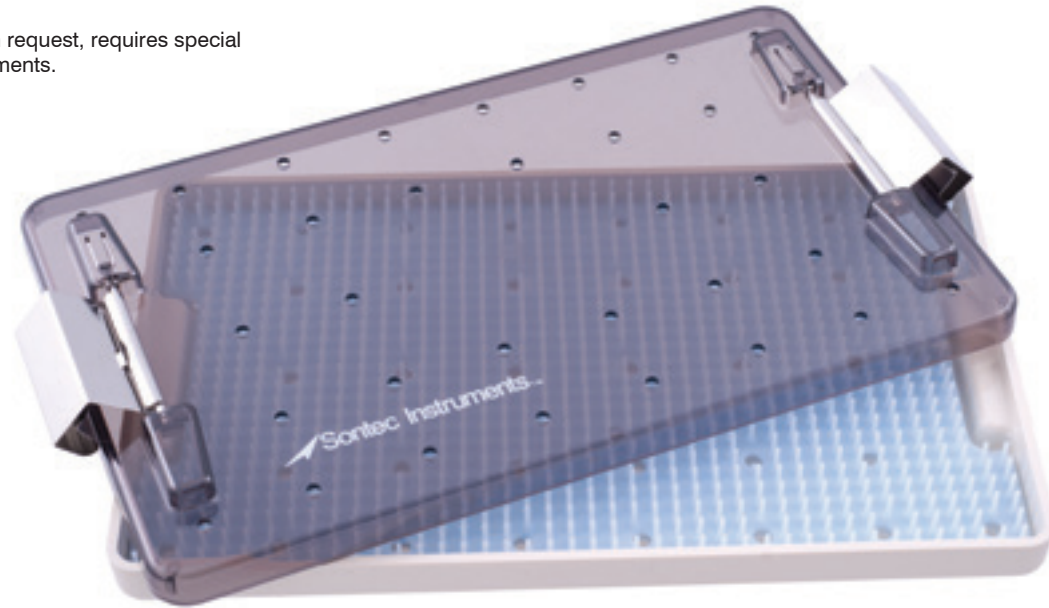
 Sontec Instruments®  
STORAGE CASES & CLEANING

**Thermoplastic Instrument Trays**

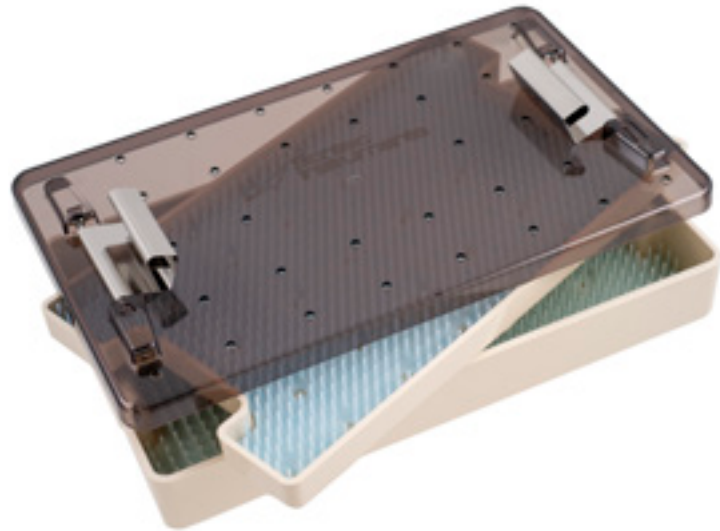
With silicone mat and metal clasps / autoclavable

- 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"

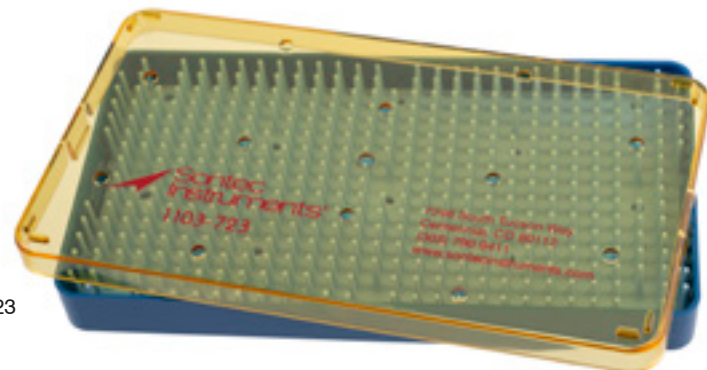
\* Other sizes available upon request, requires special order. Check your measurements.



1103-712



1103-717



1103-723

**Sontec Slim Thermoplastic Instrument Tray**

- 18-3209 tray 10.3" x 18.3" x 2.33"
- 18-3270 tray 18.3" x 8.35" x 2"

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



18-3209



18-3270

**Catheter Trays & Dome Lid Covers**

Heavy duty / seamless / for catheter trays / strap handles / easy to handle

ST83 8 3/4" x 3 1/4" x 1 1/2" Tray  
ST83-2 Lid Cover: fits tray ST83

ST17-0-0 17 1/4" x 4 1/2" x 2" Tray  
ST17-0-2 Lid Cover: fits tray ST170

ST95-2 8 7/8" x 5" x 2" Tray  
ST95-3 8 7/8" x 5" x 3" Tray  
ST95-2D-2 Lid Cover: fits trays ST952 & ST953

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



**Stainless Steel Instrument Trays, Lid Covers & Perforated Nesting Sterilization Instrument Trays**

Used for hot or cold sterilization / 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" Tray  
STP2-0122 perforated 20 3/4" x 12 3/4" x 2 1/2" Tray  
STE2-0126 solid 20 3/4" x 12 3/4" x 6" Tray  
STP2-0124 perforated 20 3/4" x 12 3/4" x 4" Tray  
ST20-00-2 Lid Cover: fits trays STE20124, STP20122, STE20126, STP20124  
STE1-2104 solid 12 3/4" x 10 3/8" x 4" Tray  
STP1-2102 perforated 12 3/4" x 10 3/8" x 2 1/2" Tray  
STP1-2104 perforated 12 3/4" x 10 3/8" x 4" Tray  
ST13-11-2 Lid Cover: fits trays STE1-2104, STP1-2102, STP1-2104



**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



**Sontec Instrument Fabric Barrier Wrap 2Ply**

- 103-115 18 x 18"
- 103-117 24 x 24"
- 103-119 30 x 30"



**Sontec Forceps Holder**

**Side lock / pin**

- 125-634 2 1/2" x 6" (15.2 cm)
- 125-635 2 1/2" x 8" (20.3 cm)
- 125-636 2 1/2" x 10" (25.4 cm)
- 125-637 2 1/2" x 12" (30.5 cm)
- 125-638 2 1/2" x 16" (40.6 cm)
- 125-639 2 1/2" x 18" (45.7 cm)

**Open U**

- 125-661 2 1/2" x 6" (15.2 cm)
- 125-662 2 1/2" x 8" (20.3 cm)
- 125-663 2 1/2" x 10" (25.4 cm)
- 125-664 2 1/2" x 12" (30.5 cm)

**Center lock / hook**

- 125-666 2 1/2" x 6" (15.2 cm)
- 125-667 2 1/2" x 8" (20.3 cm)
- 125-668 2 1/2" x 10" (25.4 cm)
- 125-669 2 1/2" x 12" (30.5 cm)
- 125-670 2 1/2" x 16" (40.6 cm)
- 125-671 2 1/2" x 18" (45.7 cm)

**Side lock / wide / hook**

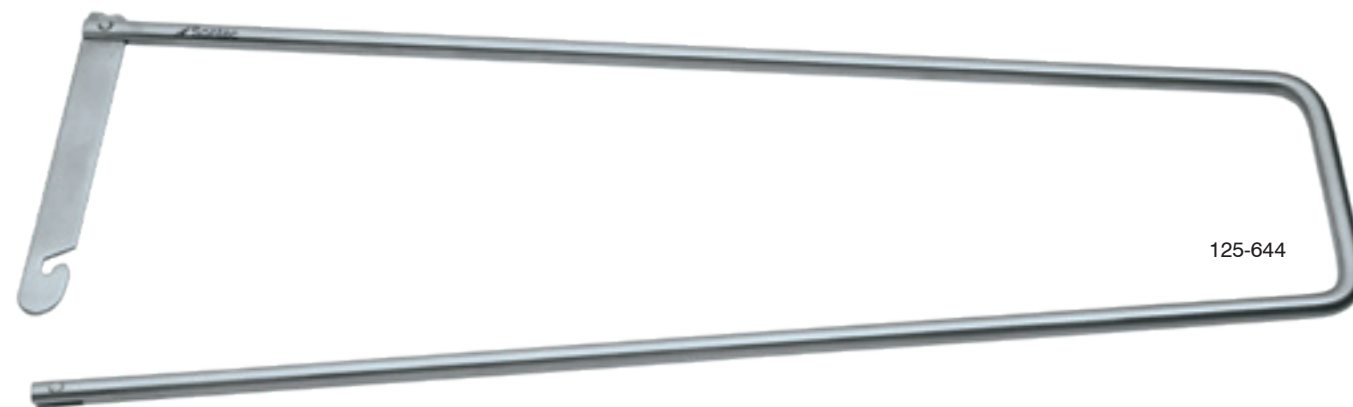
- 125-640 2 1/2" x 8" (20.5 cm)
- 125-642 2 1/2" x 10" (25.5 cm)
- 125-644 2 1/2" x 12" (30.5 cm)
- 125-646 2 1/2" x 16" (41 cm)

**Side lock**

- 125-655 5" x 8" (20.3 cm)
- 125-656 5" x 10" (25.4 cm)
- 125-657 5" x 12" (30.5 cm)
- 125-658 5" x 16" (40.6 cm)
- 125-659 5" x 18" (45.7 cm)

**Closed U**

- 125-673 2 1/2" x 6" (15.2 cm)
- 125-674 2 1/2" x 8" (20.3 cm)
- 125-675 2 1/2" x 10" (25.4 cm)
- 125-676 2 1/2" x 12" (30.5 cm)



**Stringer Forceps Holder**

**With loop end**

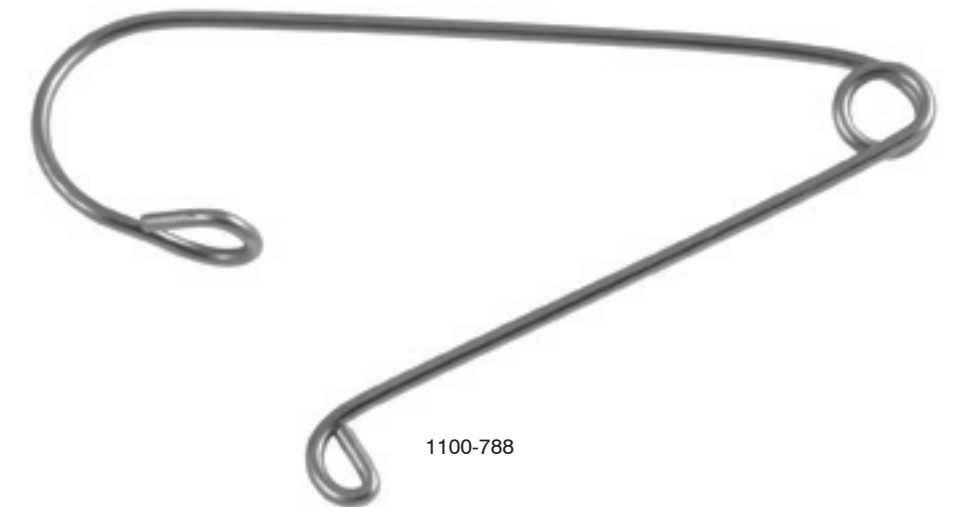
- 127-227 6"
- 127-228 8"
- 127-226 10"
- 127-229 12"



**Bunt Forceps Holder Ring**

**With loop end**

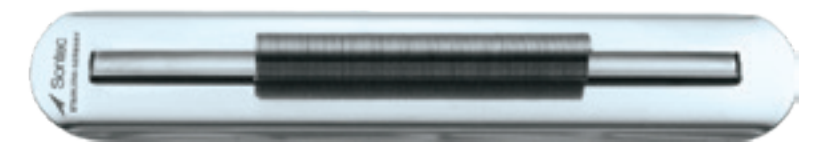
- 1100-788



**Needle Boat / Spiral Rack**

**For holding needles**

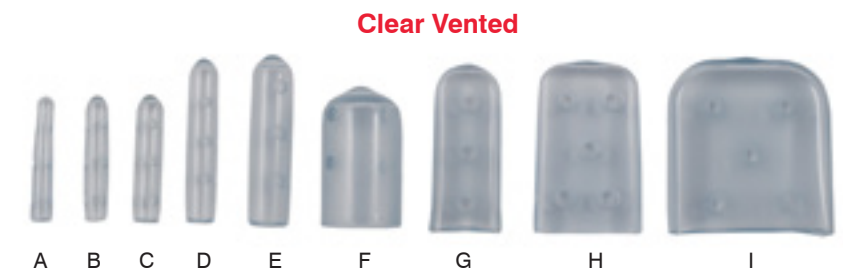
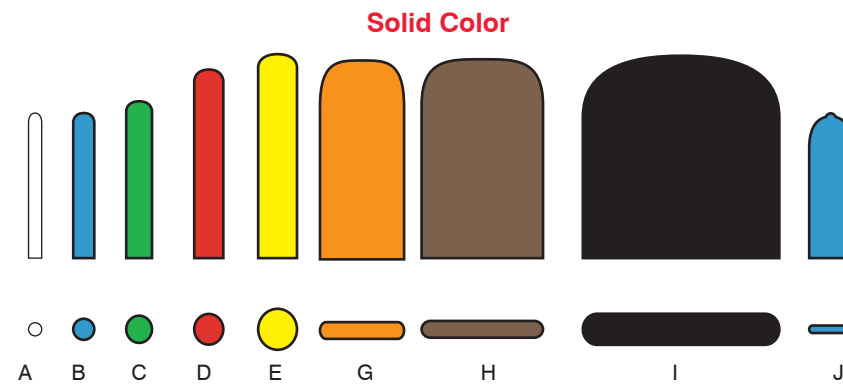
- 1103-730



**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 #	Clear Vented	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
Large Assorted			105-791A	Bag of 100 All sizes A - I

**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		


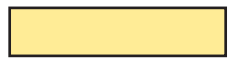



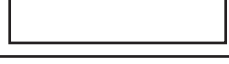



**Medi-Mark™ Tape**

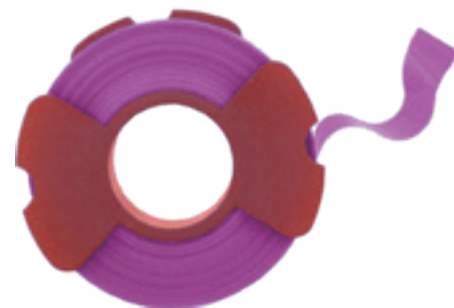
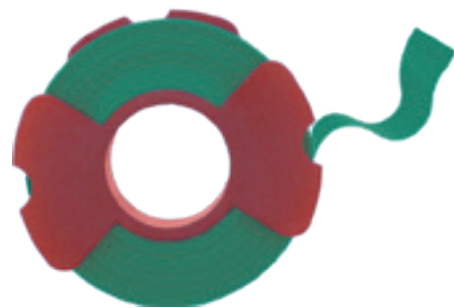
Surgical instrument color coding system / fast and efficient identification system / available in 9 solid colors / one spool codes an average of 230 instruments / clinically proven safe in conventional, flash and gas sterilization / bonds to itself / lasts many months

\* 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: burrs, 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





 Sontec Instruments®

KNIFE & BLADE Handles

**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



1100-741

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

1100-7411



1100-7411

**Wide Barrel Grip Knife Handle #3**

Round knurled / straight / 5" (12.7 cm)

117-577



117-577

**Universal Adjustable Angle Knife Handle #3**

Adjustable tip & lock / straight / 10 mm locking increments of 7 positions / 6 1/2" (16.5 cm)

117-578 vertical adjusting

117-5781 horizontal adjusting



117-578



117-5781

**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



**Staley Round Knurled Knife Handle**

Aluminum / 6" (15.2 cm)

117-571



117-571

**Sontec Knife Handle #3XXL**

16" (40.6 cm)

1100-8681



**Knife Handle #3KL**

Round handle / 6" (15.2 mm)

117-564



**Beaver® Blade Chuck Handle #3K**

Fits Beaver® style blades

117-560 4" (10 cm)

T117-560 4" (10 cm) titanium

117-561 3" (7.5 cm)

117-560



T117-560



**Beaver® Blade Chuck Handle**

Fits Beaver® style blades

117-559



117-559



 Sontec Instruments®

ENT KNIVES

**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



1271-165

1271-175

1271-180

1271-152

1271-181

**McIlwraith Tendon Knife**

6 1/2" (16.5 cm)

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



1271-160

1271-153

**Tendon Knife**

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

1271-163



1271-163

**Joseph Nasal/Tendon Knife**

6" (17 cm)

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



1271-152C

1271-152B

1271-152D

**McIlwraith Bistouri Knife**

**Button end blade**

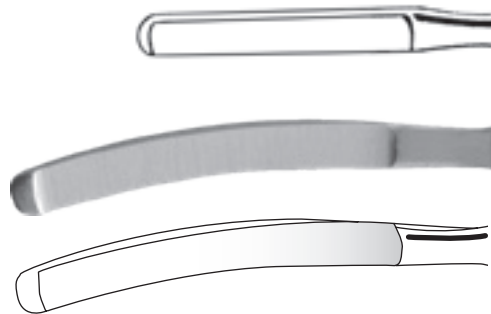
1271-156C	curved	35 mm	6" (15 cm)
1271-156	straight	35 mm	6" (15 cm)
1271-155	curved	55 mm	7" (18 cm)
1271-154	straight	55 mm	7" (18 cm)



1271-156C



1271-156



1271-155



1271-154

**Tendon Knife**

**6" (17 cm) / double Sided / 21mm blade**

1271-151	curved
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1271-151

**Sexton-Gerzog Ear Knife**

**6 3/4" (17.1 cm)**

467-450	straight shaft
467-452	bayonet shaft
467-454	angle shaft



467-452

**Politzer Ear Knife**

**7 1/4" (18 cm)**

467-458	straight shaft
467-460	bayonet shaft
467-462	angled shaft



467-462



467-460

**Sickle Knife**

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

467-461	straight	small blade 3 x 1mm
467-465	light curve	
467-467	straight	



467-461



467-465



467-467

**Fisher Tonsil Knife**

**Serrated blade / 9" (22.9 cm)**

485-675
---------



485-675

**Cottle Mucosa Knife**

**6" (15 cm)**

412-559
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412-559

**Rosen Circular Blade Dissector**

6 1/4" (15.9 cm) / 45° angle tip

- 412-455 1.0 mm
- 412-456 1.4 mm
- 412-457 1.6 mm
- 412-458 2.0 mm
- 412-459 2.6 mm
- 412-460 2.8 mm
- 412-461 3.0 mm

6 1/4" (15.9 cm) / 90° angle tip

- 412-462A 1.5 mm
- 412-462B 2.0 mm
- 412-462C 2.5 mm
- 412-462D 3.0 mm



412-460

**Plester First Incision Knife**

6 1/4" (16 cm)

467-463



467-463

**Buck Myringotomy Knife**

6" (15 cm)

- 467-464
- 467-464A 90° angle



467-464

**Freer Mucosa Knife**

6 1/4" (16 cm)

345-405



345-405

**Jacobson Knife**

Micro blade / 6 1/2" (16.5 cm)

400-418



400-418

**Pashley Knife Set**

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

- 1467-456 straight
- 1467-460 angled right
- 1467-458 angled left



side view

1467-458



side view

1467-460



side view

1467-456

**Yasargil Arachnoid Knife**

7 1/4" (18.5 cm)

- 400-426 full curved
- 400-427 partial curved bayonet



400-426



400-427

**Yasargil Bayonet Arachnoid Knife Titanium**

7 1/4" (18.5 cm)

- 400-427T curved down
- 400-4271T curved up



400-427T



400-4271T

**Ballenger Swivel Knife**

7 1/4" (18.5 cm)

- 467-5303 straight 3 mm
- 467-5304 straight 4 mm
- 467-5305 straight 5 mm

8 3/4" (22 cm)

- 467-5313 bayonet 3 mm
- 467-5314 bayonet 4 mm
- 467-5315 bayonet 5 mm



swivel end

467-5304

**Ballenger Bayonet Swivel Knife**

3 mm / 7 1/4" (18.5 cm)

467-534T



467-534T

**Joseph Tendon Knife**

6 1/2" (16.5 cm)

- 345-400 single edge 60° angled



345-400

**Joseph Nasal Knife**

Button end / straight / 6" (15 cm)

345-402



345-402

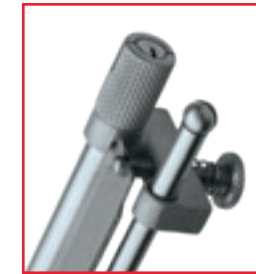
**Blair Skin Graft Knife**

W/ thickness gauge

- 199-600 6" (15 cm)
- 199-602 4" (10 cm)

Blades

- 199-604 blades for 6" (15 cm)
- 199-606 blades for 4" (10 cm)



199-600

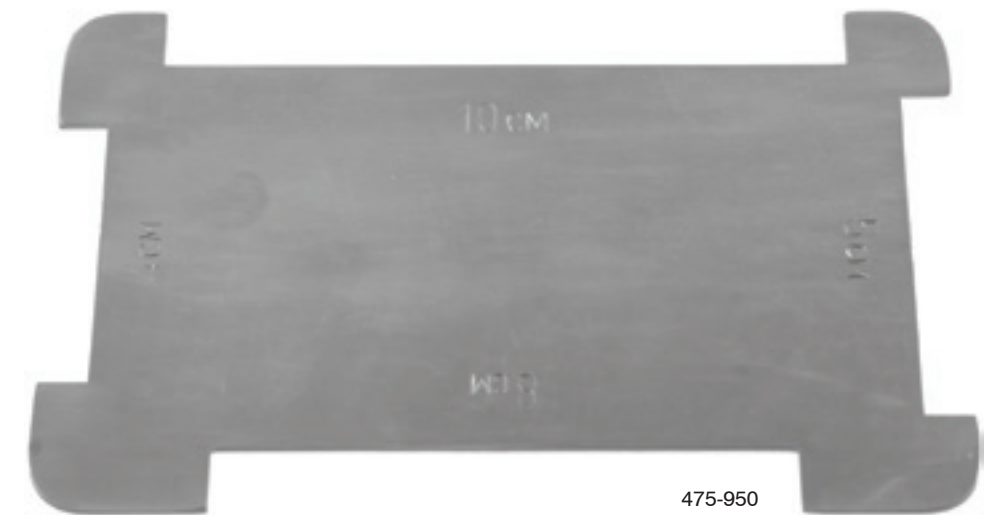


199-604

**Skin Holding Plate**

4, 5, 8, 10 cm

475-950



475-950



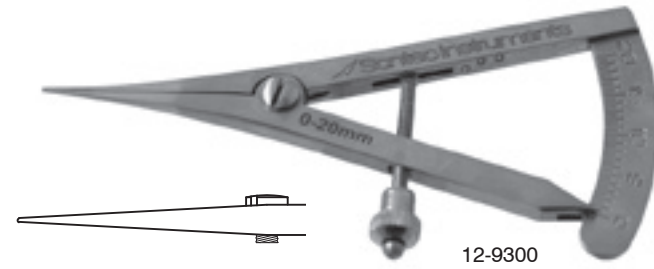
 Sontec Instruments®

CALIPERS & RULERS

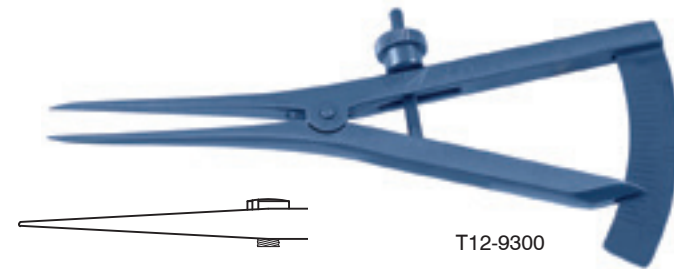
**Castroviejo Caliper**

Scale to 20 mm / 3 1/2" (9 cm)

12-9300	str	
T12-9300	straight	titanium
12-9305	angled 45°	
12-9310	cvd	
12-9315	angled	
12-9316	straight	40 mm scale
12-9318	angled	40 mm scale



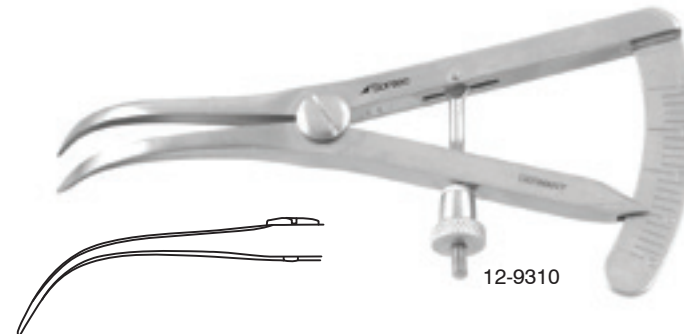
12-9300



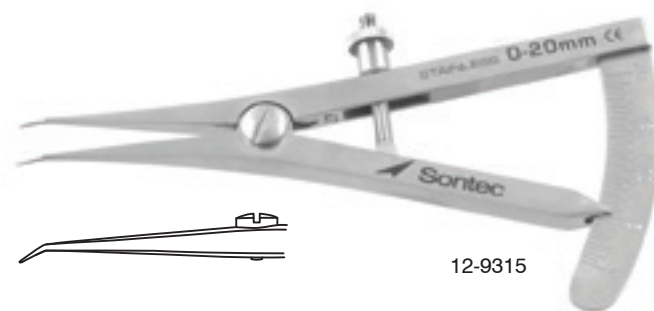
T12-9300



12-9305



12-9310



12-9315

**Jameson Caliper**

Scale to 3" (8 cm)

12-9450



12-9450

**Thorpe Caliper**

Scale to 3" (8 cm) /  
angled / markings in  
0.5 mm increments

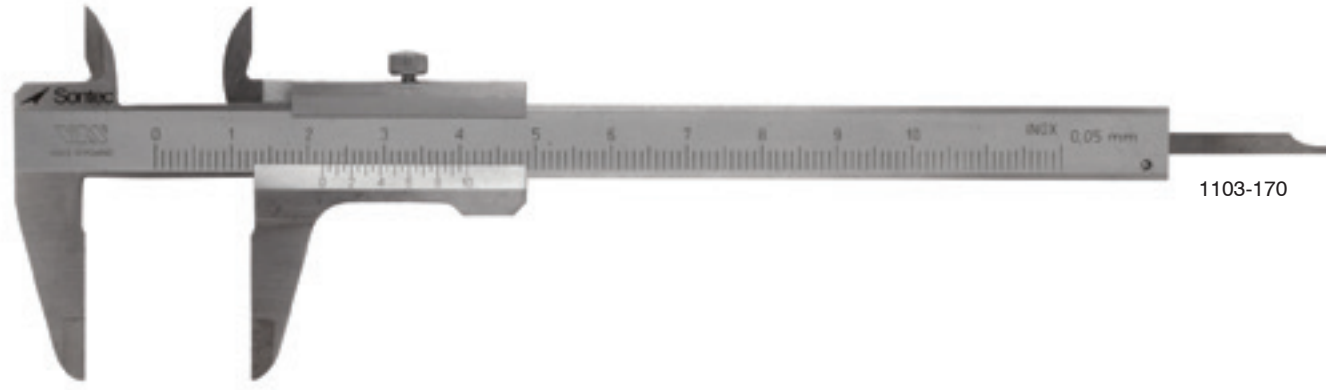
12-9400



12-9400

**Orthopedic Vernier Caliper**

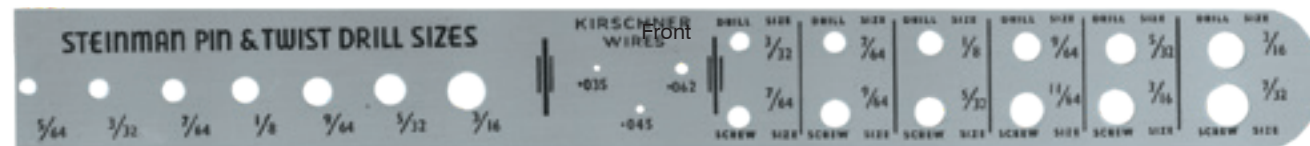
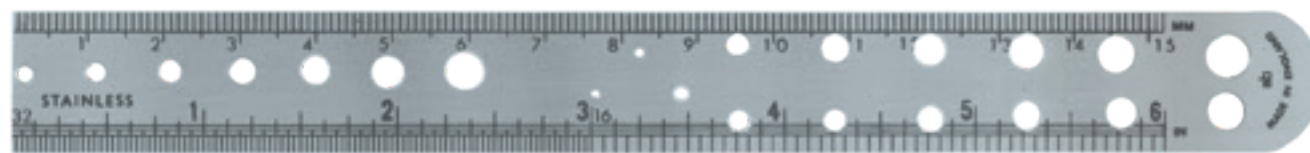
Stainless steel / 6" (15.5 cm)  
1103-170



1103-170

**Punched Hole Gauge Ruler**

7" (18 cm) in length  
1106-190

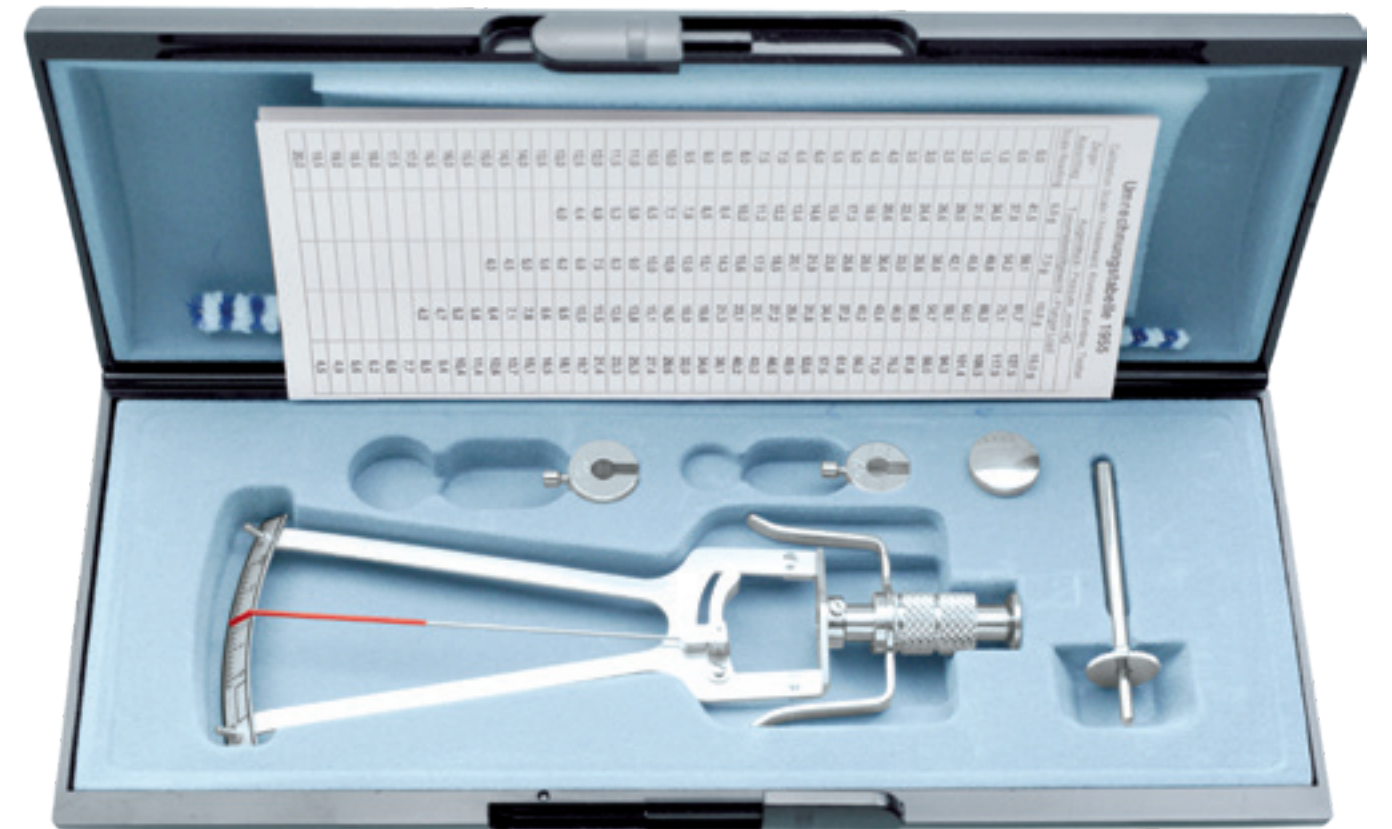


Back

1106-190

**Schiotz Tonometer**

Autoclavable / original model  
18-8301 incline scale





 Sontec Instruments®

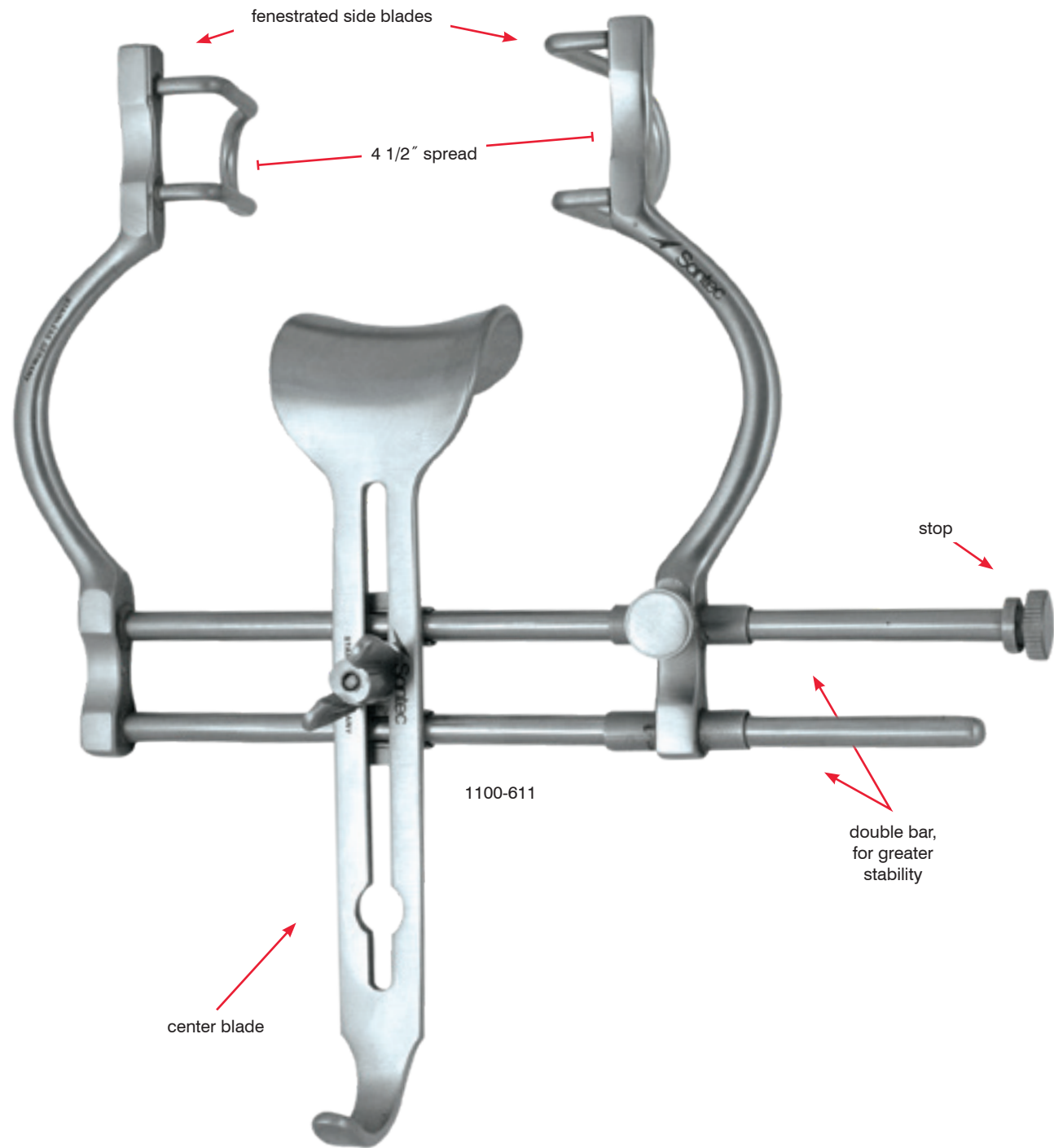
Abdominal RETRACTORS

**CSU Pediatric Balfour Retractor**

**Fenestrated side blades / double bar**

1100-611-SET 4" (10 cm) spread  
 1100-611B-SET 7" (18 cm) spread

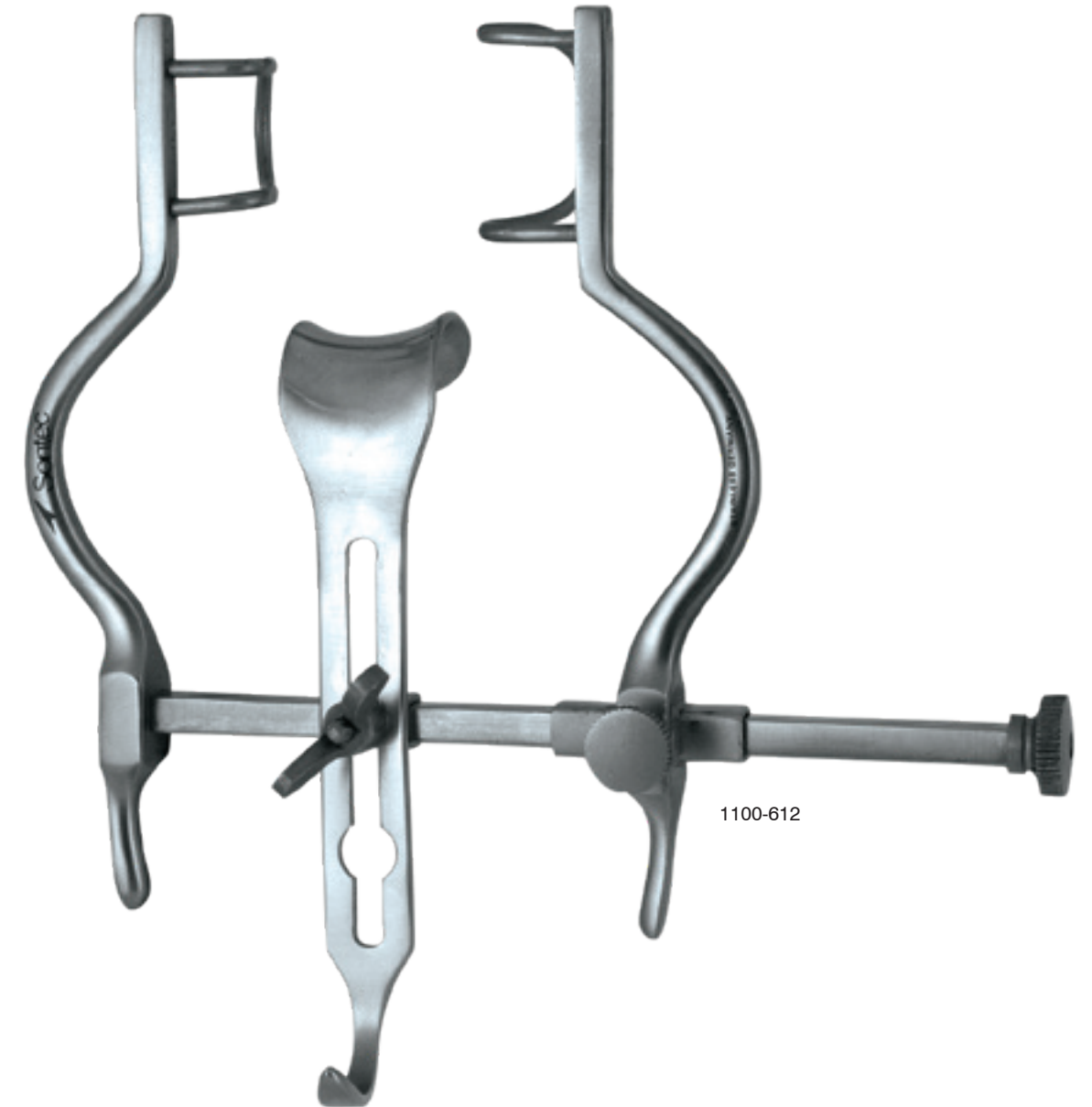
\* Modifications possible please call for details



**CSU Pediatric Balfour Retractor**

**Fenestrated side blades / single bar**

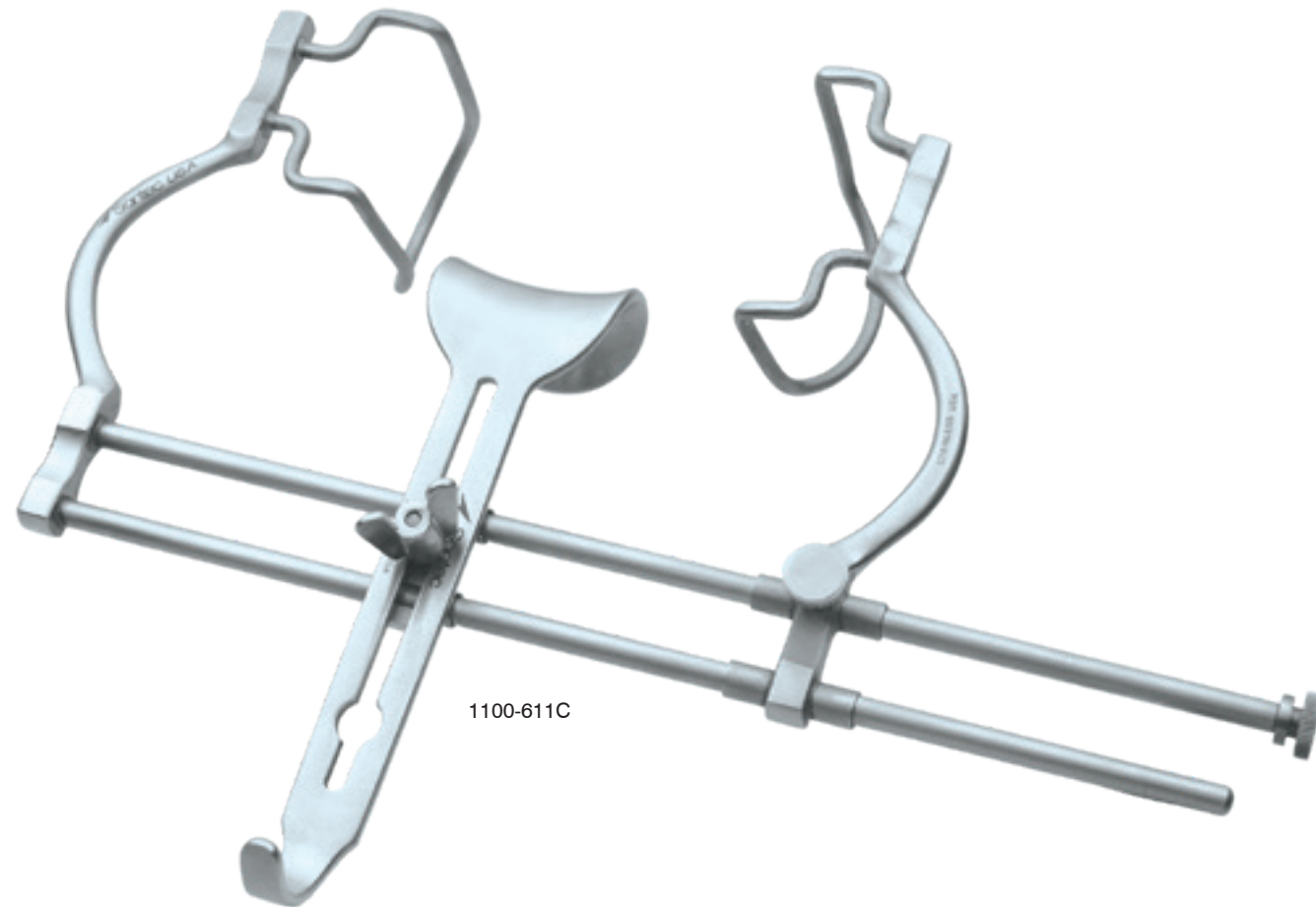
1100-612 3 1/2" (9 cm) spread  
 1100-613 6" (15 cm) spread



**CSU Pediatric Balfour Retractor**

Fenestrated side blades, 4.5 cm x 4.5 cm / double bar

1100-611C-SET 7" (18 cm) spread



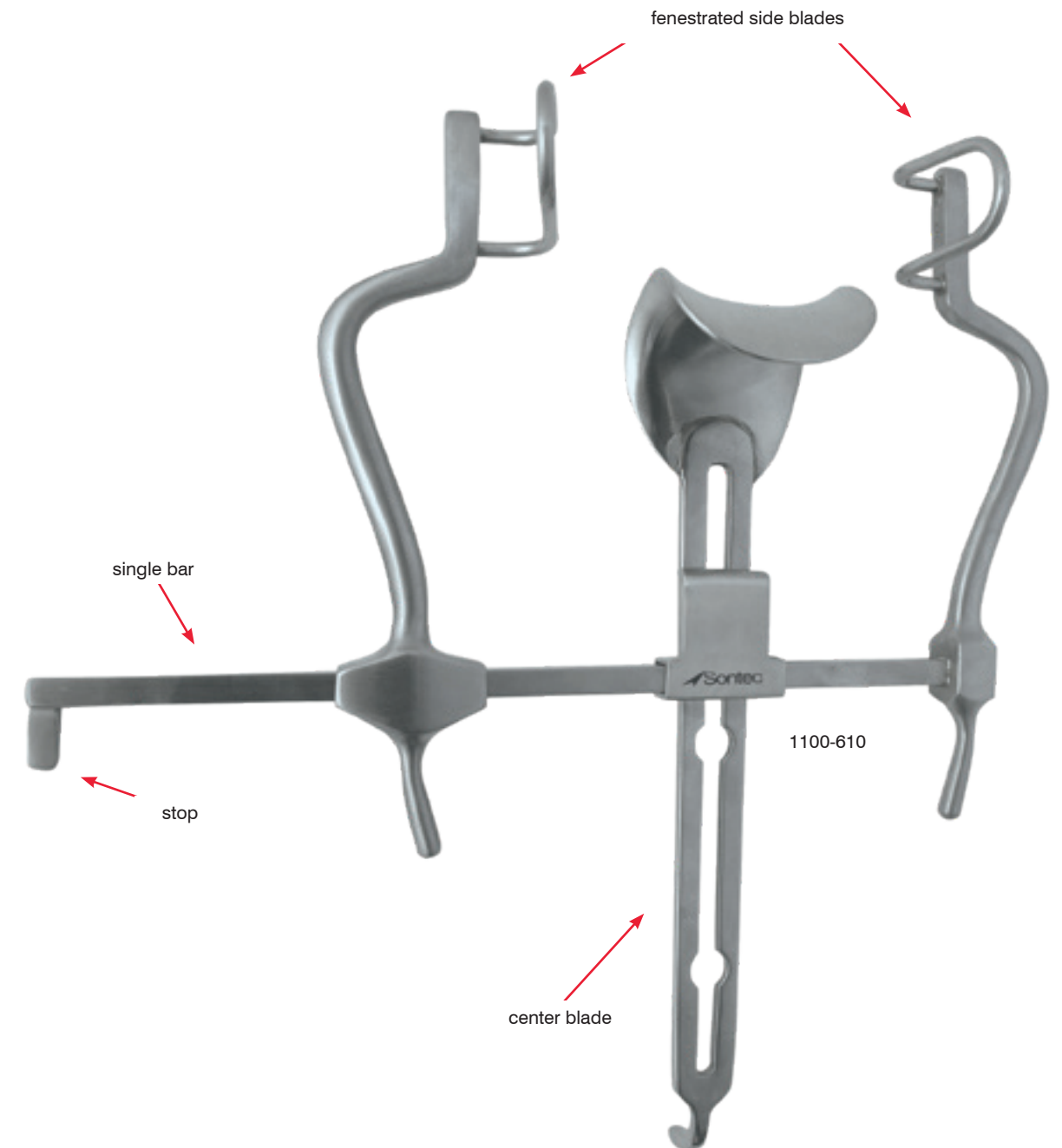
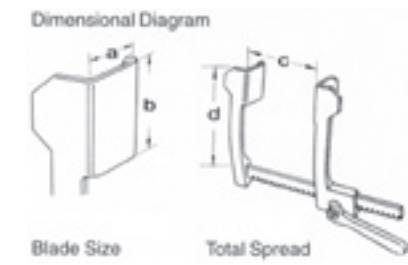
**CSU Adolescent Balfour Retractor**

Single bar / fenestrated / side blades

1100-610-SET 7 1/2" (19 cm) spread

\* Modifications possible please, different center blades available, call for details

a	b	c	d
2 in 50 mm	1 in 25 mm	7.5 in 190 mm	5.5 in 140 mm



**Deluxe Balfour Retractor**

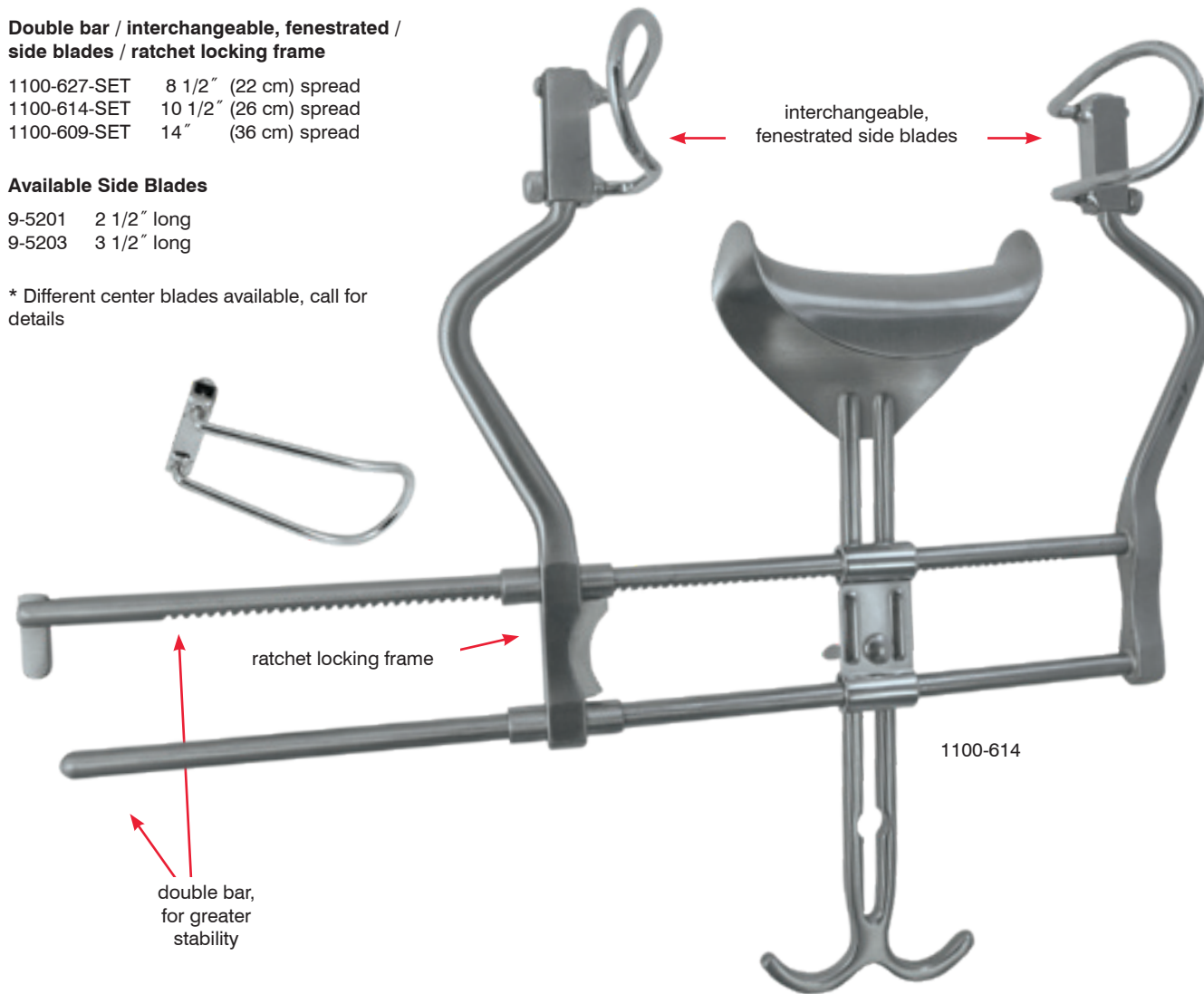
Double bar / interchangeable, fenestrated / side blades / ratchet locking frame

- 1100-627-SET 8 1/2" (22 cm) spread
- 1100-614-SET 10 1/2" (26 cm) spread
- 1100-609-SET 14" (36 cm) spread

**Available Side Blades**

- 9-5201 2 1/2" long
- 9-5203 3 1/2" long

\* Different center blades available, call for details



**Balfour Malleable Blade**

With protected edge / fits all Balfour Retractors

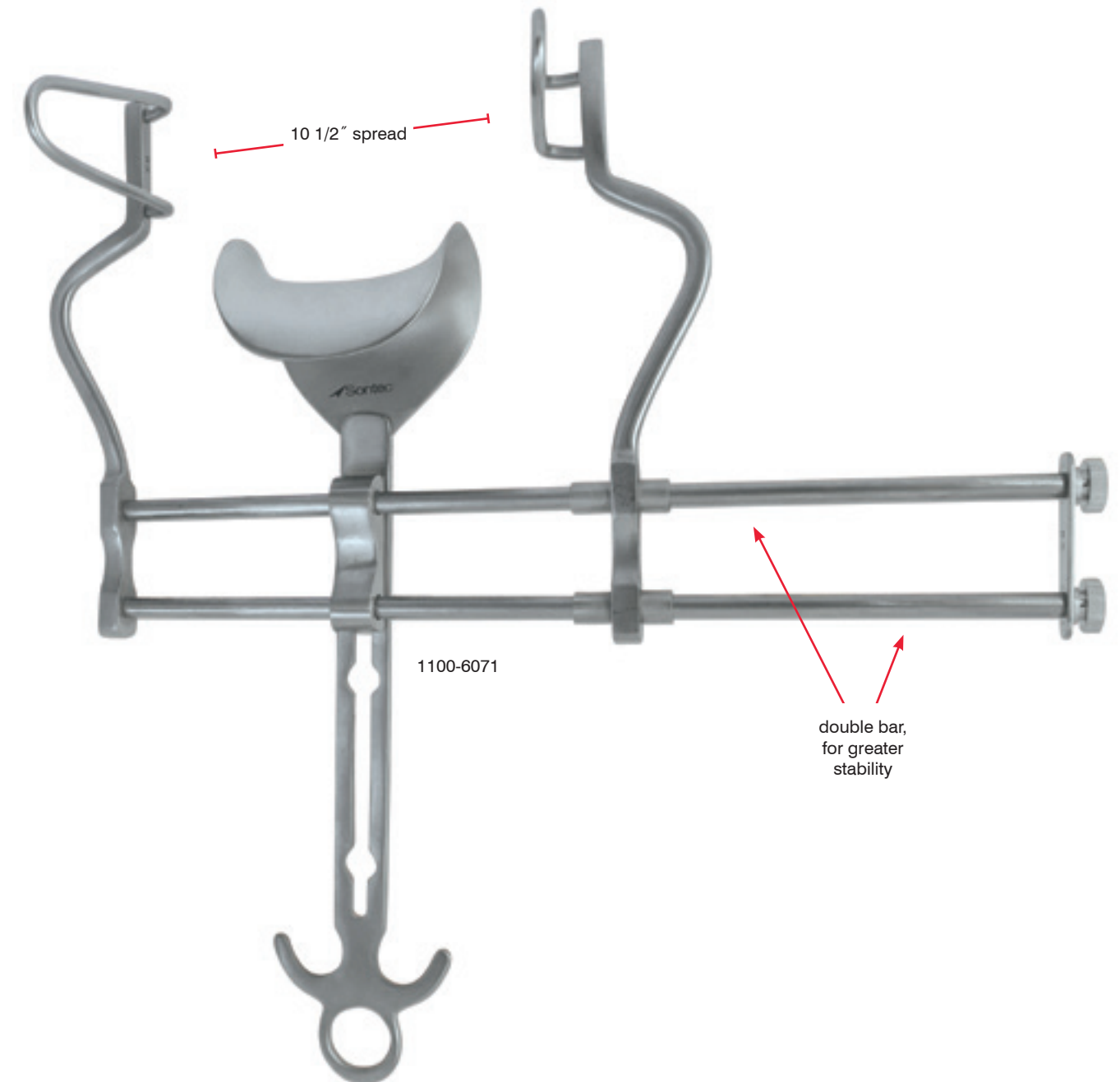
- 9-12019-BH 1 1/2" x 6"
- 9-12015-BH 2" x 6"



**Balfour Retractor**

Double bar / fenestrated / side blades

- 1100-606-SET 7" (18 cm) spread
- 1100-607-SET 9" (23 cm) spread
- 1100-6071-SET 10 1/2" (26 cm) spread





 Sontec Instruments®

Cardiovascular RETRACTORS

**Finochietto-Baby-Haight Rib Spreader Retractor**

Stainless steel

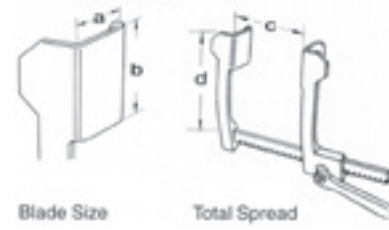
2500-131 child size

a	b	c	d
28 mm	30 mm	100 mm	75 mm

2500-131L child size extended rack

a	b	c	d
28 mm	30 mm	100 mm	165 mm

Dimensional Diagram



2500-131

**Baby Finochietto Retractor**

3 1/4" (8 cm) spread

1101-554 3/4" x 3/4" blades



1101-554

**Mini Finochietto Retractor**

2 1/2" (6.5 cm) spread

1101-523 7 mm blades



1101-523

**Finochietto Retractor**

**Small / 1 3/4" x 1 3/4" blades**

1101-524 6" (15 cm) spread

**Medium / 1 3/4" x 2 1/2" blades**

1101-526 8" (20 cm) spread

1101-528 10" (25 cm) spread

1101-530 12" (30 cm) spread

**Large / 2 3/4" x 2 1/2" blades**

1101-532 8" (20 cm) spread

1101-534 10" (25 cm) spread

**Large / 2 3/4" x 2" blades / curved arms**

1101-536 12" (30 cm) spread



1101-526

**Shanghai Neonatal Finochietto Retractor**

**Swivel blades**

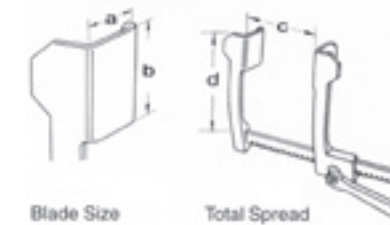
2500-206 mini neonatal size curved arms

2500-207 neonatal size curved arms

2500-208 neonatal size

Item	a	b	c	d
2500-206	5 mm	13 mm	25 mm	40 mm
2500-207	10 mm	30 mm	70 mm	70 mm
2500-208	10 mm	30 mm	70 mm	70 mm

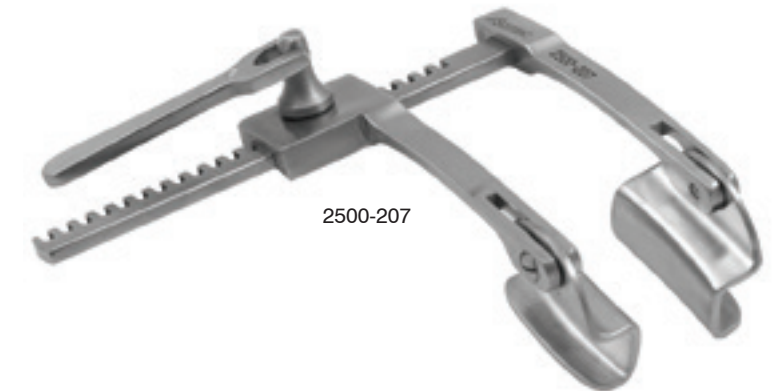
Dimensional Diagram



Shanghai Finochietto Retractor, swivel blades



2500-206



2500-207



2500-208

**Finochietto Rib Spreader Retractor**

Infant / 3" (7.96 cm)

2500-096

a	b	c	d
20 mm	20 mm	70 mm	58 mm



2500-096

**Baby Farabeuf Retractor**

Double-ended / set of 2

207-268 4 1/4"

207-269 4 1/2"



**Farabeuf Retractor**

Double-ended / set of 2

207-275



207-275

**Roux Retractor**

Double-ended / 7"

207-261-SET includes: small, medium & large

207-263 small (21 mm x 29 mm)

207-265 medium (26 mm x 37 mm)

207-267 large (31 mm x 45 mm)



**Alm Retractor**

1/8" deep prongs / 2  
3/4" (7 cm) spread / 2  
3/4" (7 cm) in length

230-380

1/2" deep prongs / 3"  
(7.5 cm) spread / 4"  
(10 cm) in length

230-385



**Sontec Cross-Action Retractor**

Self-retaining / 4" (10 cm)

230-390 sharp  
230-392 blunt



**Stevenson Self-Retaining Retractor**

3 x 3 prongs / 3 1/2" (9 cm)

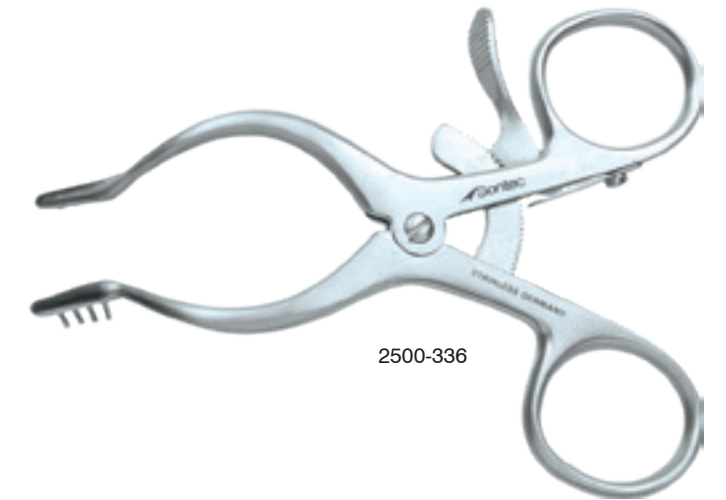
10-5500



**Strong Weitlaner Retractor**

3 1/2" (9 cm)

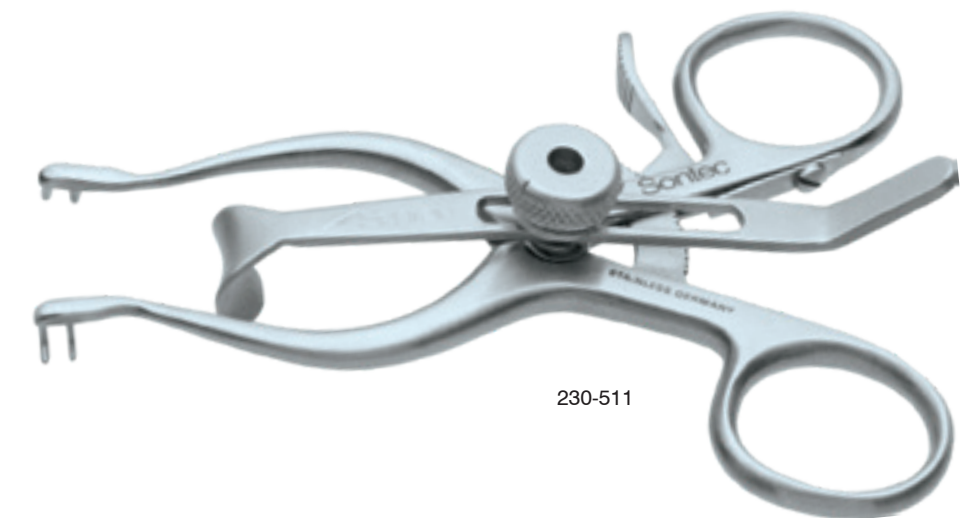
2500-336 4 x 4 prongs



**Micro Weitlaner-Henley Retractor**

4 3/4" (12 cm) / with locking third arm / #2 blade

230-511 2 x 2 prongs



**Parsonnet Epicardial Retractor**

**3 x 3 sharp prongs**

- 2500-340 small
- 2500-345 medium
- 2500-349 large



2500-340



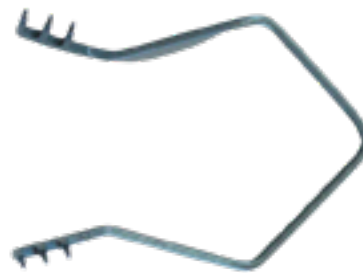
2500-345



2500-349

**Titanium I.M.A. Epicardial Retractor**

- 47 mm
- 2500-347T

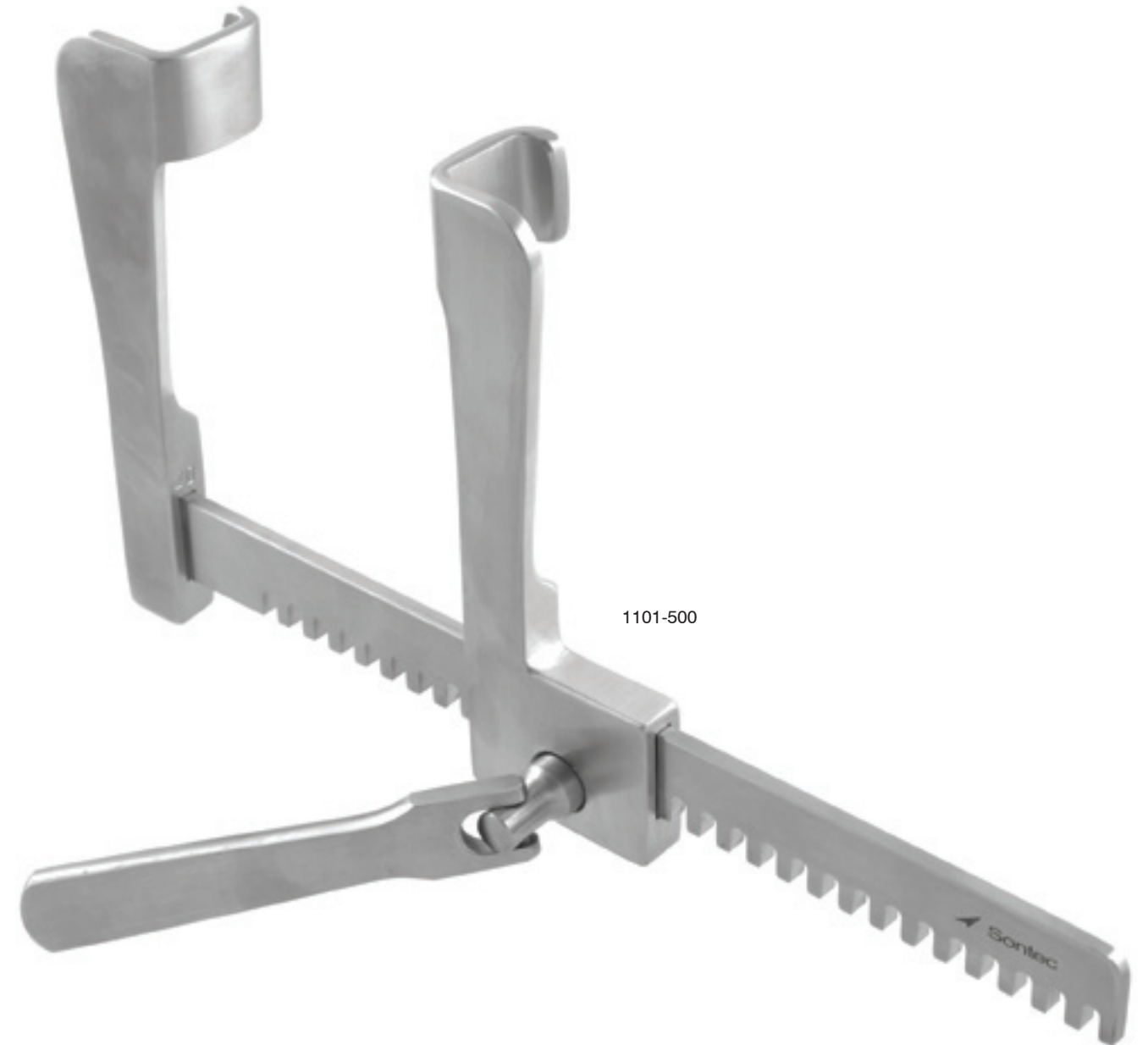


2500-347T

**Finochietto Retractor**

**6 1/2" (16.5 cm) spread**

- 1101-500 3/4" x 1" blades
- 1101-502 1 1/8" x 1 1/4" blades
- 1101-504 1 1/16" x 1 3/4" blades
- 1101-506 1 7/8" x 1 3/4" blades



1101-500



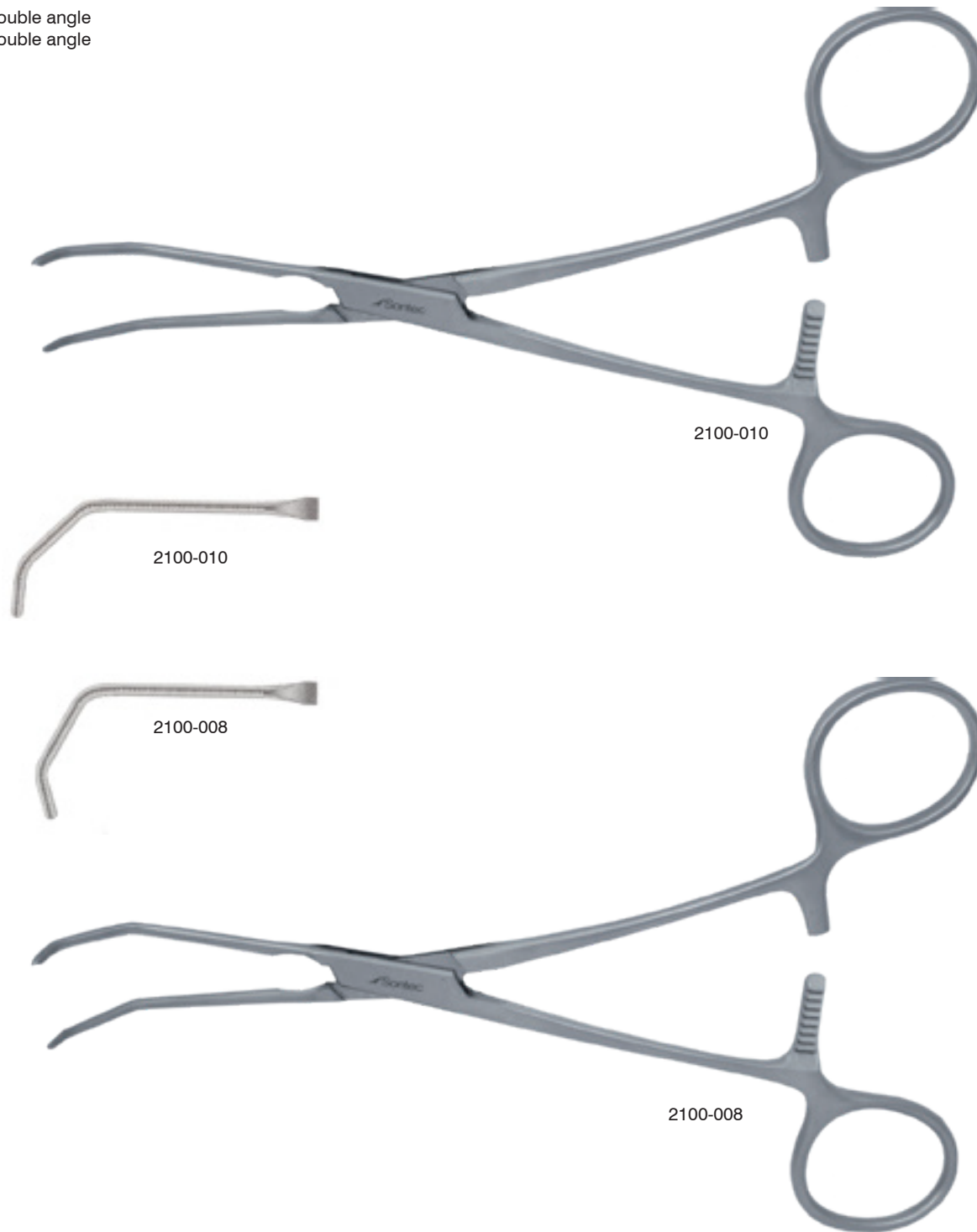
 Sontec Instruments®

Cardiovascular CLAMPS

**Atraumatic Pediatric Vascular Clamp**

Very delicate v-jaws / 6" (15 cm)

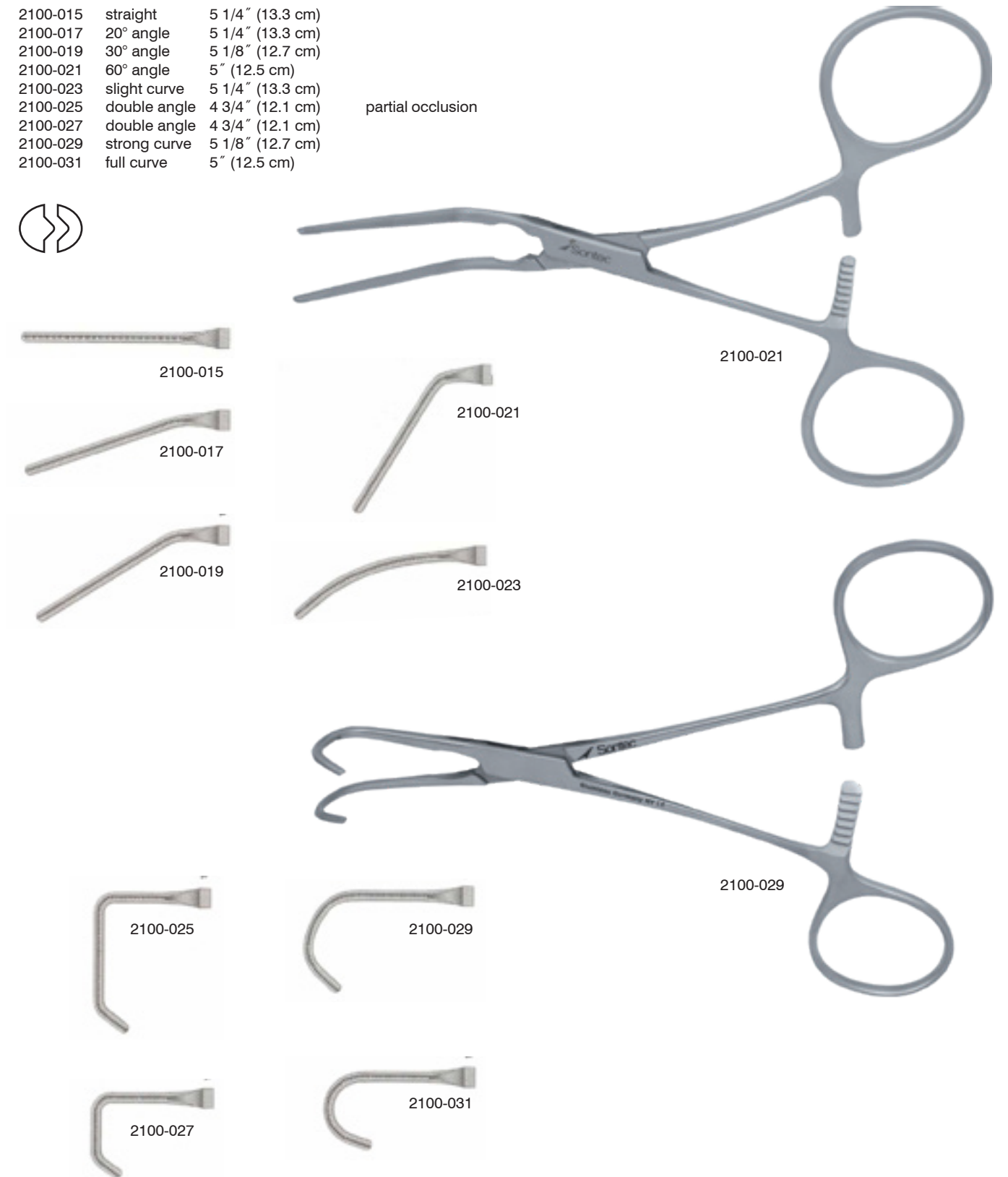
- 2100-008 65° double angle
- 2100-010 35° double angle



**Atraumatic Pediatric Vascular Clamp**

Very Delicate V-jaws

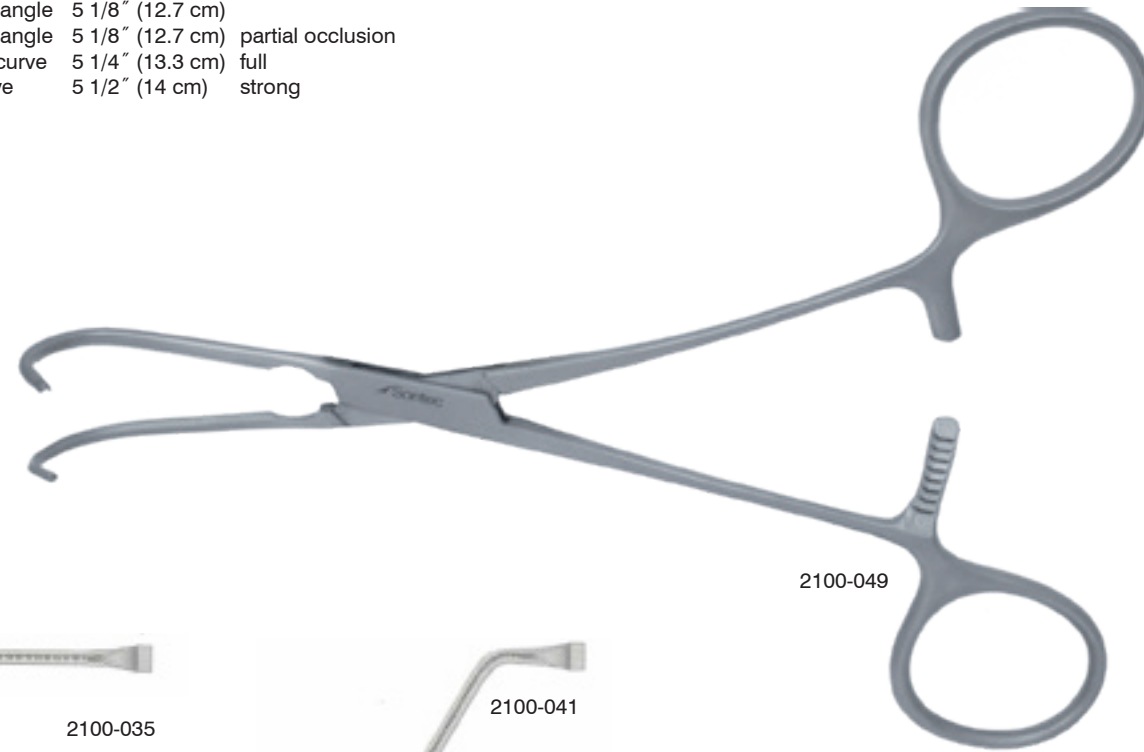
- 2100-015 straight 5 1/4" (13.3 cm)
- 2100-017 20° angle 5 1/4" (13.3 cm)
- 2100-019 30° angle 5 1/8" (12.7 cm)
- 2100-021 60° angle 5" (12.5 cm)
- 2100-023 slight curve 5 1/4" (13.3 cm)
- 2100-025 double angle 4 3/4" (12.1 cm)
- 2100-027 double angle 4 3/4" (12.1 cm)
- 2100-029 strong curve 5 1/8" (12.7 cm)
- 2100-031 full curve 5" (12.5 cm)



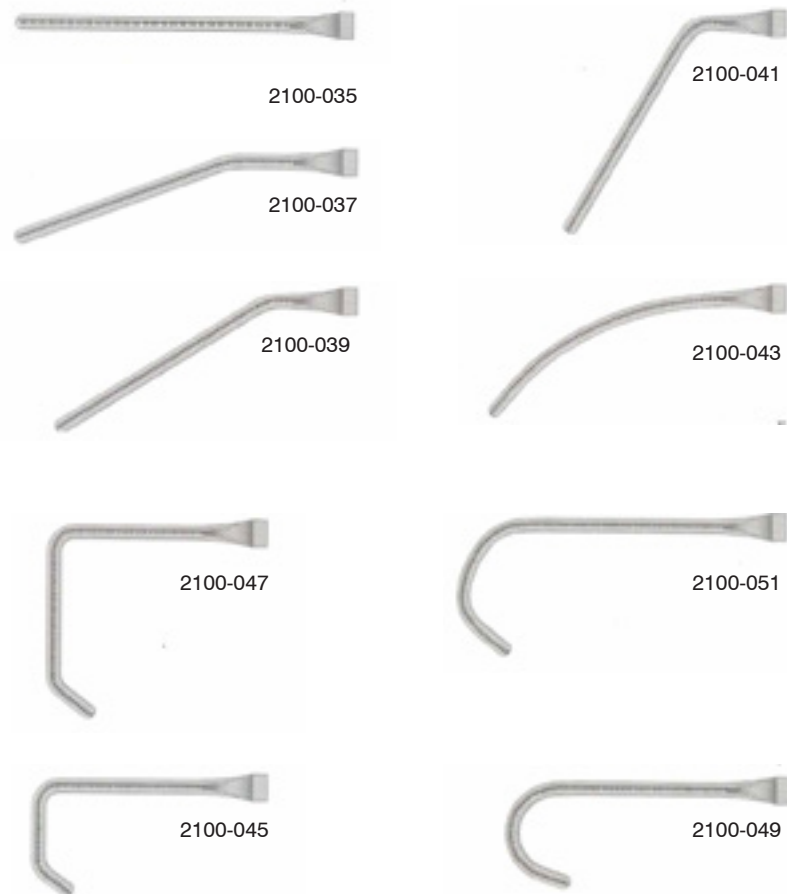
**Atraumatic Pediatric Vascular Clamp**

**Very Delicate V-jaws**

2100-035	straight	5 3/4" (14.6 cm)	
2100-037	20° angle	5 3/4" (14.6 cm)	
2100-039	30° angle	5 1/2" (14 cm)	
2100-041	60° angle	5 1/8" (12.7 cm)	
2100-043	slight curve	5 1/2" (14 cm)	
2100-045	double angle	5 1/8" (12.7 cm)	
2100-047	double angle	5 1/8" (12.7 cm)	partial occlusion
2100-049	strong curve	5 1/4" (13.3 cm)	full
2100-051	full curve	5 1/2" (14 cm)	strong



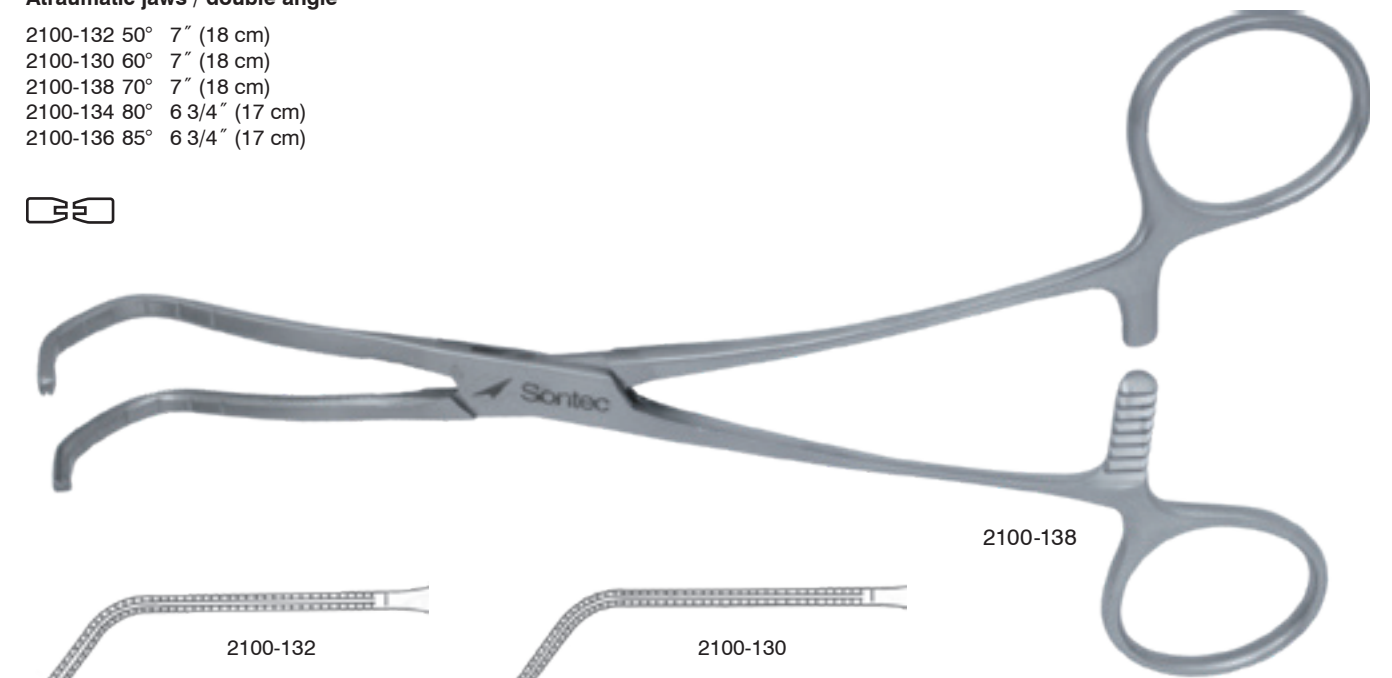
2100-049



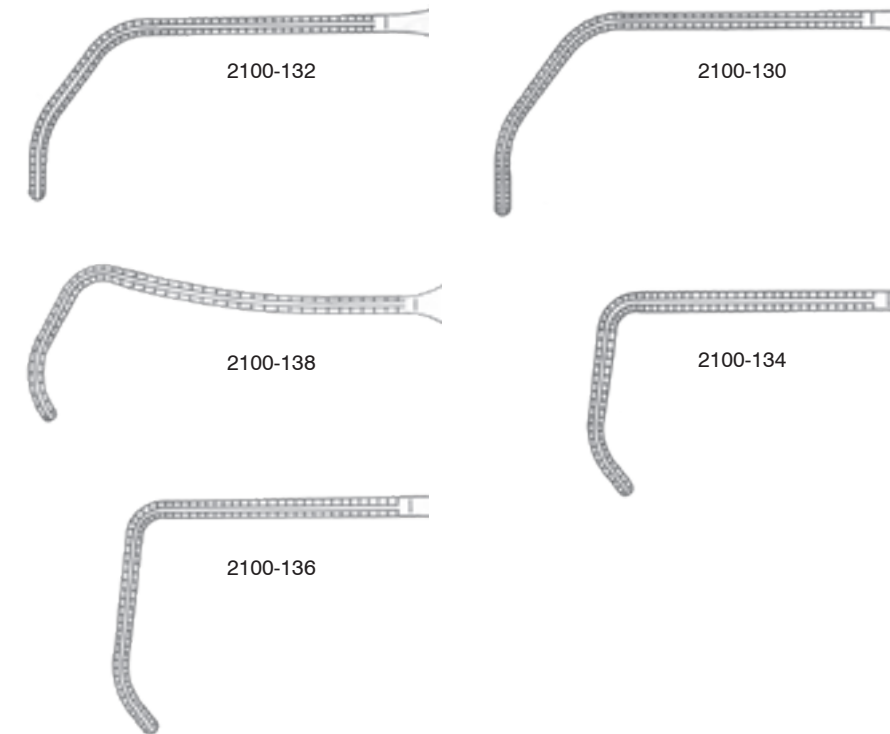
**Cooley Anastomosis Clamp**

**Atraumatic jaws / double angle**

2100-132	50°	7" (18 cm)
2100-130	60°	7" (18 cm)
2100-138	70°	7" (18 cm)
2100-134	80°	6 3/4" (17 cm)
2100-136	85°	6 3/4" (17 cm)



2100-138



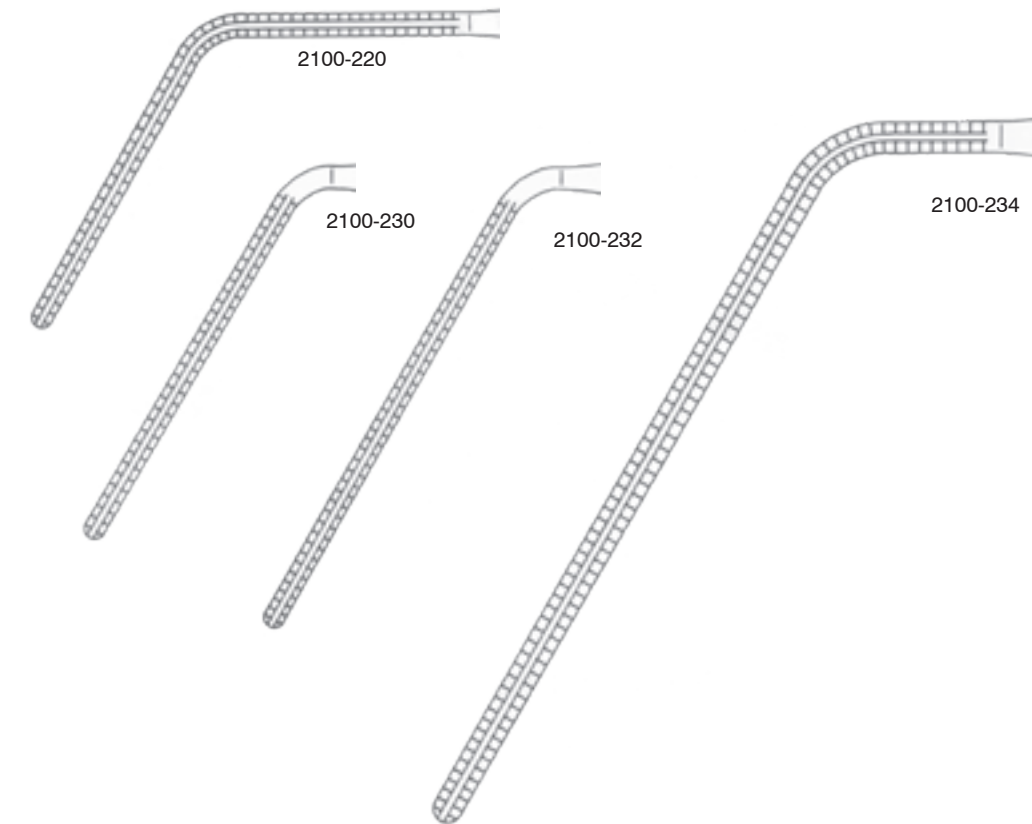
**Cooley Multi-Purpose Clamp**

**Atraumatic jaws / 60° angle**

- 2100-220 9 3/4" (24 cm)
- 2100-230 8" (20 cm)
- 2100-232 9 1/4" (23.5 cm)
- 2100-234 12 1/4" (31 cm)



2100-232



2100-220

2100-230

2100-232

2100-234



**Glover-Cooley Bulldog Clamp**

**Atraumatic Jaws / straight / spring loaded**

- 2100-400 3 1/8" (8 cm)
- 2100-405 3 1/2" (9 cm)
- 2100-410 4 1/4" (10.75 cm)
- 2100-415 4 3/4" (12 cm)



2100-405



2100-400



2100-405



2100-410



2100-415

**Atraumatic Jaws / curved / spring loaded**

- 2100-402 3" (7.5 cm)
- 2100-407 3 1/8" (8 cm)
- 2100-412 3 3/4" (9.5 cm)
- 2100-417 4 1/2" (11.5 cm)



2100-412



2100-402



2100-407



2100-412



2100-417

**Mini Glover (Weldon) Bulldog Clamp**

**\* Also know as Jacobson / serrated jaws / 1 1/8" (3 cm) / spring loaded**

- 2100-450 straight jaw
- 2100-452 curved jaw
- 2100-453 angled jaw
- 2100-454 125° reverse jaw



2100-450



2100-450



2100-452



2100-453



2100-454



2100-452

**Weldon Bulldog Vein Clamp Titanium**

**Straight**

- 2600-092 9mm jaw x 30mm length
- 2600-0922 13mm jaw x 35mm length
- 2600-0924 14mm jaw x 40mm length



2600-0922

**Slight curved**

- 2600-094 9mm jaw x 30mm length
- 2600-0942 13mm jaw x 35mm length
- 2600-0944 14mm jaw x 40mm length
- 2600-0946 22mm jaw x 45mm length



2600-0944

**Curved**

- 2600-093 9mm jaw x 30mm length
- 2600-0932 13mm jaw x 35mm length
- 2600-0934 14mm jaw x 40mm length
- 2600-0936 21mm jaw x 45mm length



2600-0934

**Weldon Bulldog Artery Clamp Titanium**

**Straight**

- 2600-0921 9mm jaw x 30mm length
- 2600-0923 13mm jaw x 35mm length
- 2600-0925 14mm jaw x 40mm length



2600-0923

**Slight curved**

- 2600-0941 9mm jaw x 30mm length
- 2600-0943 13mm jaw x 35mm length
- 2600-0945 14mm jaw x 40mm length
- 2600-0947 22mm jaw x 45mm length



2600-0945

**Curved**

- 2600-0931 9 mm jaw x 30 mm length
- 2600-0933 13mm jaw x 35mm length
- 2600-0935 14mm jaw x 40mm length
- 2600-0937 21mm jaw x 45mm length



2600-0935

**Micro Sontec® Vena Clava Satinsky-Glover Bulldog Clamp**

**Atraumatic Jaws / double angle / 2 1/2" (6.5 cm) / spring loaded**

2100-464



2100-464

**DeBakey Bulldog Clamp**

**Atraumatic Jaws / straight / cross-action**

- 2100-800 3 1/8" (8 cm)
- 2100-802 3 1/2" (9 cm)
- 2100-804 4 1/4" (10.75 cm)
- 2100-806 5" (12.5 cm)



2100-806

\* Can be used with Bulldog Clamp Applying Forceps (2100-399) below



2100-800



2100-802



2100-804



2100-806

**Atraumatic Jaws / curved / cross-action**

- 2100-810 3" (7.5 cm)
- 2100-812 3 1/8" (8 cm)
- 2100-814 3 3/4" (9.5 cm)
- 2100-816 4 1/2" (11.5 cm)



2100-816



2100-810



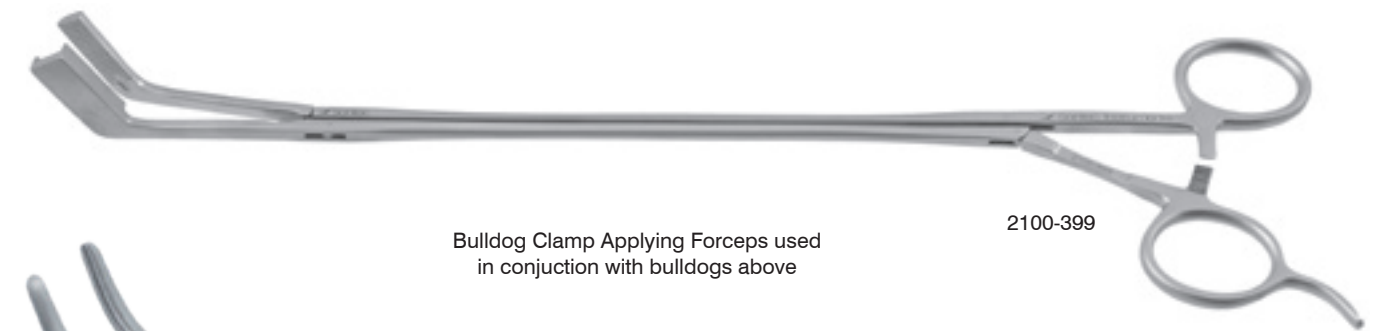
2100-812



2100-814



2100-816



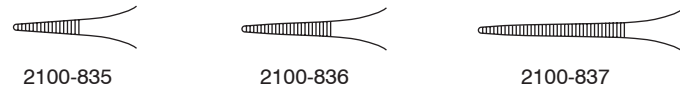
Bulldog Clamp Applying Forceps used in conjunction with bulldogs above

2100-399

**Dietrich Micro Bulldog Clamp**

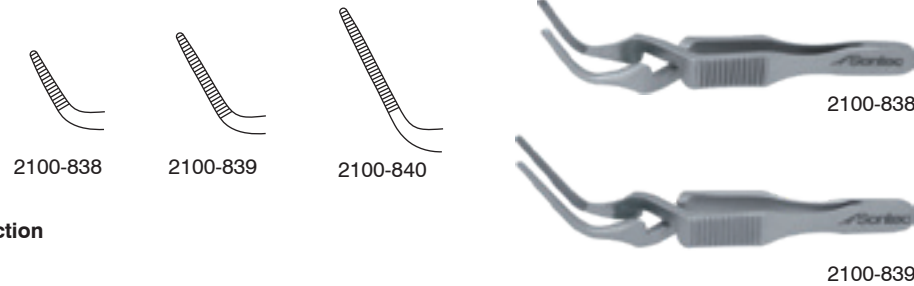
Serrated jaw / straight / 2" (5 cm) / cross-action

- 2100-835 8 mm jaw length
- 2100-836 12 mm jaw length
- 2100-837 20 mm jaw length



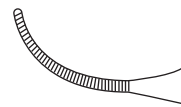
Serrated jaw / angled / 2" (5 cm) / cross-action

- 2100-838 8 mm jaw length
- 2100-839 12 mm jaw length
- 2100-840 20 mm jaw length



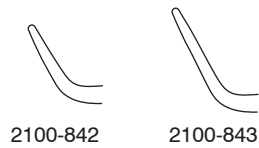
Serrated jaw / curved / 2" (5 cm) / cross-action

- 2100-841 20 mm jaw length



Smooth jaw / angled / 2" (5 cm) / cross-action

- 2100-842 13 mm jaw length
- 2100-843 18 mm jaw length



**Universal Microvascular Clamp**

For ordering:use order numbers listed below / also available in black / choose either A for Artery or V for Vein

	Clamp #1	Clamp #2	Clamp #3	Clamp #4	Clamp #5
<b>Length</b>	8 mm	11 mm	16 mm	24 mm	35 mm
<b>Pair of Clamps</b>					
<b>Vessel</b>	0.3-1.0 mm	0.6-1.5 mm	1.0-2.5 mm	1.5-3.3 mm	2.0-5.0 mm
<b>Designation</b>	B-1	B-2	B-3	HD-S	RD-S
<b>Order Number</b>	2100-B-1A 2100-B-1V	2100-B-2A 2100-B-2V	2100-B-3A 2100-B-3V	2100-HD-SA 2100-HD-SV	2100-RD-SA 2100-RD-SV

**Microvascular Clamp**

For ordering:use order numbers listed below / also available in black / choose either A for Artery or V for Vein

	Clamp #1	Clamp #2	Clamp #3	Clamp #4	Clamp #5
<b>Length</b>	8 mm	11 mm	16 mm	24 mm	35 mm
<b>Microvascular clamp pair on approximator bar</b>					
<b>Vessel</b>	0.3-1.0 mm	0.6-1.4 mm	1.0-2.25 mm	1.5-3.5 mm	2.0-5.0 mm
<b>Designation</b>	ABB-11	ABB-22	ABB-33	HD-D	RD-D
<b>Order Number</b>	2100-ABB-11A 2100-ABB-11V	2100-ABB-22A 2100-ABB-22V	2100-ABB-33A 2100-ABB-33V	2100-HD-DA 2100-HD-DV	2100-RD-DA 2100-RD-DV
<b>Microvascular clamp pair on approximator bar in frame</b>				<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">                     All Microvascular Clamps are available in black. To order black clamps, please add a "B" after the order number                 </div>	
<b>Vessel</b>	0.4-1.0 mm	0.6-1.4mm	1.0-2.2 mm		
<b>Designation</b>	ABB-1	ABB-2	ABB-3		
<b>Order Number</b>	2100-ABB-1A 2100-ABB-1V	2100-ABB-2A 2100-ABB-2V	2100-ABB-3A 2100-ABB-3V		
<b>Microvascular clamp pair in wire frame</b>					
<b>Vessel</b>	0.3-1.0 mm	0.6-1.4 mm	1.0-2.2 mm		
<b>Designation</b>	DC-1	DC-2	DC-3		
<b>Order Number</b>	2100-DC-1A 2100-DC-1V	2100-DC-2A 2100-DC-2V	2100-DC-3A 2100-DC-3V		
<b>Microvascular clamp pair DC Angle</b>					
<b>Vessel</b>	0.3-1.0 mm	0.6-1.4 mm	1.0-2.2 mm		
<b>Designation</b>	DC-1	DC-2	DC-3		
<b>Order Number</b>	2100-DC-1A 2100-DC-1V	2100-DC-2A 2100-DC-2V	2100-DC-3A 2100-DC-3V		

**Micro Aneurysm Clamp Applier Forceps**

- 5 1/2" (14 cm)
- 2100-875



**Serrefine Bulldog Clamp**

1 1/2" (4 cm) / cross-action

- 14-9935 straight
- 14-9940 curved

2 1/2" (6.4 cm) / cross-action

- 115-585 straight
- 115-586 curved



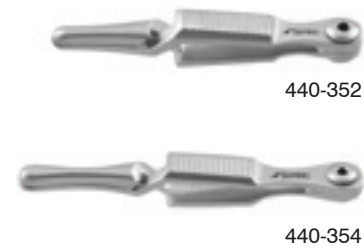
**John Hopkins Bulldog Clamp**

**Straight / cross-action**

- 440-352 1 1/2"
- 440-354 2"
- 440-356 2 1/4"
- 440-358 2 1/2"
- 440-360 2 3/4"
- 440-362 3"
- 440-364 3 1/2"

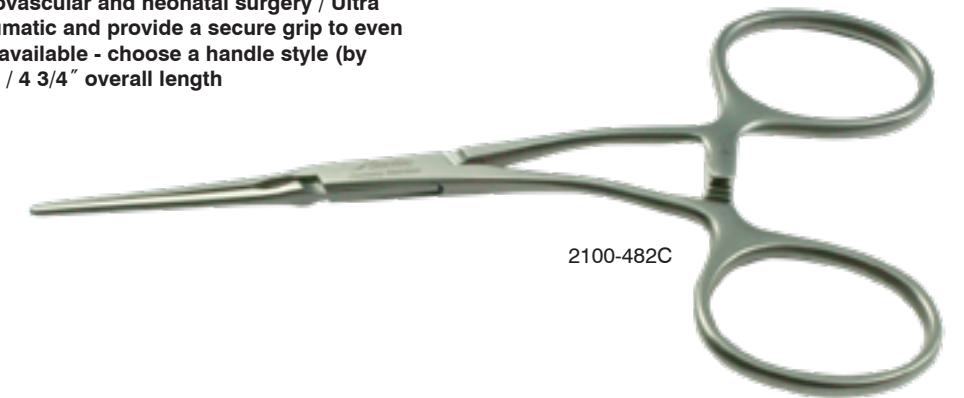
**Curved / cross-action**

- 440-370 1 1/2"
- 440-372 2"
- 440-374 2 1/4"
- 440-376 2 1/2"
- 440-378 2 3/4"
- 440-380 3"
- 440-382 3 1/2"

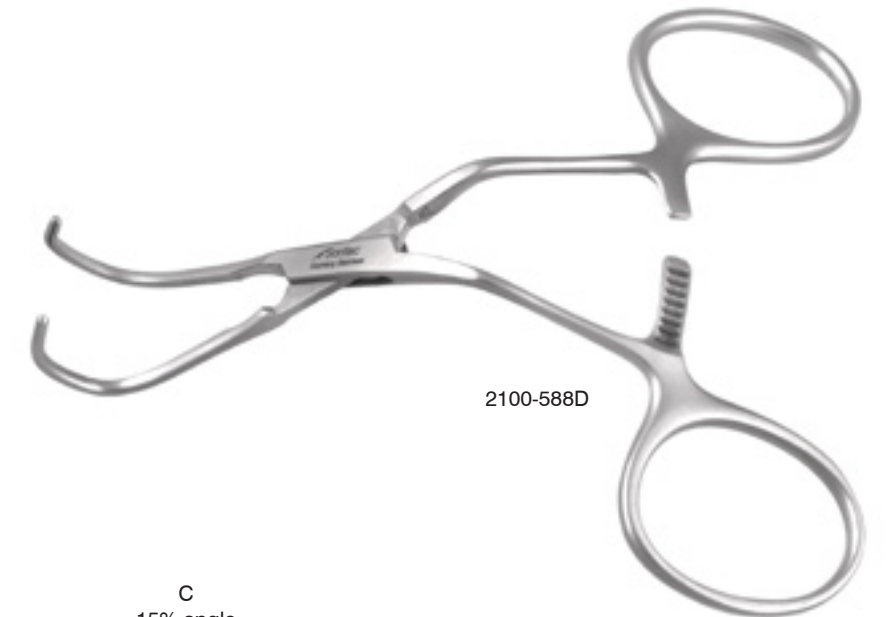


**Cooley and Debakey Neonatal Cardiovascular Clamp**

Especially developed for delicate cardiovascular and neonatal surgery / Ultra fine Cooley and Debakey jaws are atraumatic and provide a secure grip to even the most delicate vessels / 72 varieties available - choose a handle style (by letter) and tip style (by number) / 12 cm / 4 3/4" overall length



2100-482C



2100-588D

A  
straight

B  
curved

C  
15% angle

D  
45% angle



**Cooley Neonatal Cardiovascular Clamp**

Atraumatic jaws / 4 3/4" (12 cm)



Handle Style	Straight	30 degree	45 degree	60 degree	90 degree
A	2100-482A	2100-483A	2100-484A	2100-485A	2100-486A
B	2100-482B	2100-483B	2100-484B	2100-485B	2100-486B
C	2100-482C	2100-483C	2100-484C	2100-485C	2100-486C
D	2100-482D	2100-483D	2100-484D	2100-485D	2100-486D

Handle Style	45D double angle	65D small double angle	65D long double angle	Reverse double angle	90D small double angle	90D long double angle
A	2100-487A	2100-488A	2100-489A	2100-490A	2100-491A	2100-492A
B	2100-487B	2100-488B	2100-489B	2100-490B	2100-491B	2100-492B
C	2100-487C	2100-488C	2100-489C	2100-490C	2100-491C	2100-492C
D	2100-487D	2100-488D	2100-489D	2100-490D	2100-491D	2100-492D

Handle Style	45D reverse angle	50D reverse angle	Medium full curve	Small full curve	Large full curve	Curved angle	Spoon
A	2100-493A	2100-494A	2100-495A	2100-496A	2100-497A	2100-498A	2100-499A
B	2100-493B	2100-494B	2100-495B	2100-496B	2100-497B	2100-498B	2100-499B
C	2100-493C	2100-494C	2100-495C	2100-496C	2100-497C	2100-498C	2100-499C
D	2100-493D	2100-494D	2100-495D	2100-496D	2100-497D	2100-498D	2100-499D

**Debakey Neonatal Cardiovascular Clamp**

Atraumatic jaws / 4 3/4" (12 cm)



Handle Style	Straight	30 degree	45 degree	60 degree	90 degree
A	2100-575A	2100-576A	2100-577A	2100-578A	2100-579A
B	2100-575B	2100-576B	2100-577B	2100-578B	2100-579B
C	2100-575C	2100-576C	2100-577C	2100-578C	2100-579C
D	2100-575D	2100-576D	2100-577D	2100-578D	2100-579D

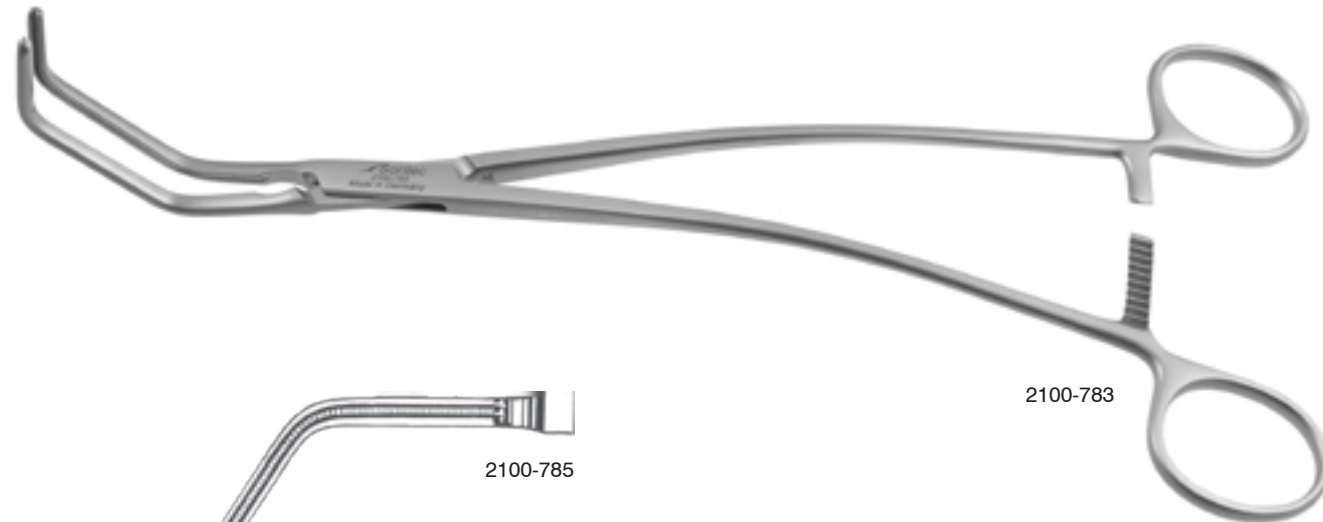
Handle Style	45D double angle	65D small double angle	65D long double angle	Reverse double angle	90D small double angle	90D long double angle
A	2100-580A	2100-581A	2100-582A	2100-583A	2100-584A	2100-585A
B	2100-580B	2100-581B	2100-582B	2100-583B	2100-584B	2100-585B
C	2100-580C	2100-581C	2100-582C	2100-583C	2100-584C	2100-585C
D	2100-580D	2100-581D	2100-582D	2100-583D	2100-584D	2100-585D

Handle Style	45D reverse angle	50D reverse angle	Medium full curve	Small full curve	Large full curve	Curved angle	Spoon
A	2100-586A	2100-587A	2100-588A	2100-589A	2100-590A	2100-591A	2100-592A
B	2100-586B	2100-587B	2100-588B	2100-589B	2100-590B	2100-591B	2100-592B
C	2100-586C	2100-587C	2100-588C	2100-589C	2100-590C	2100-591C	2100-592C
D	2100-586D	2100-587D	2100-588D	2100-589D	2100-590D	2100-591D	2100-592D

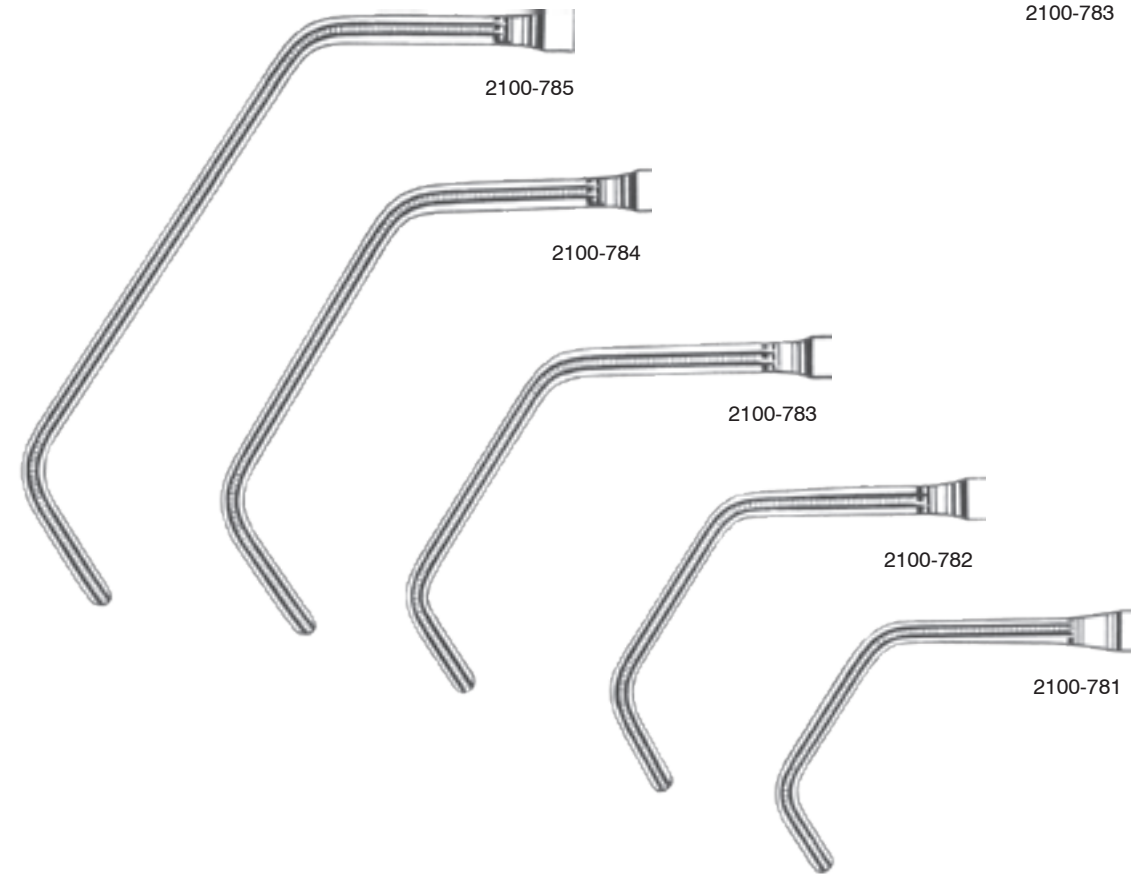
**DeBakey-Satinsky Clamp**

Atraumatic jaws / double angled / with curved shanks

- 2100-781 9 1/4" (23.5 cm)
- 2100-782 9 1/2" (24cm)
- 2100-783 9 3/4 (24.5 cm)
- 2100-784 10" (25 cm)
- 2100-785 11 1/4" (28.5 cm)



2100-783



2100-785

2100-784

2100-783

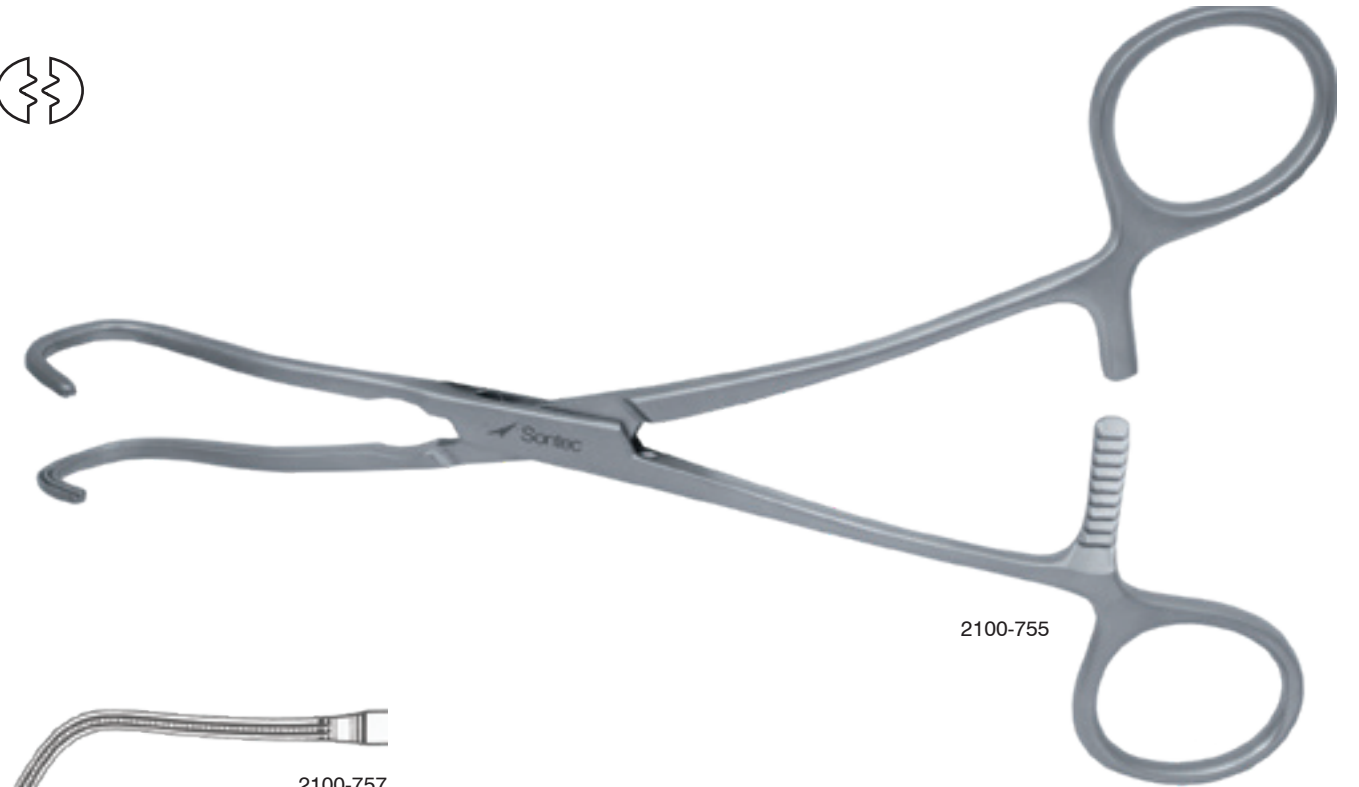
2100-782

2100-781

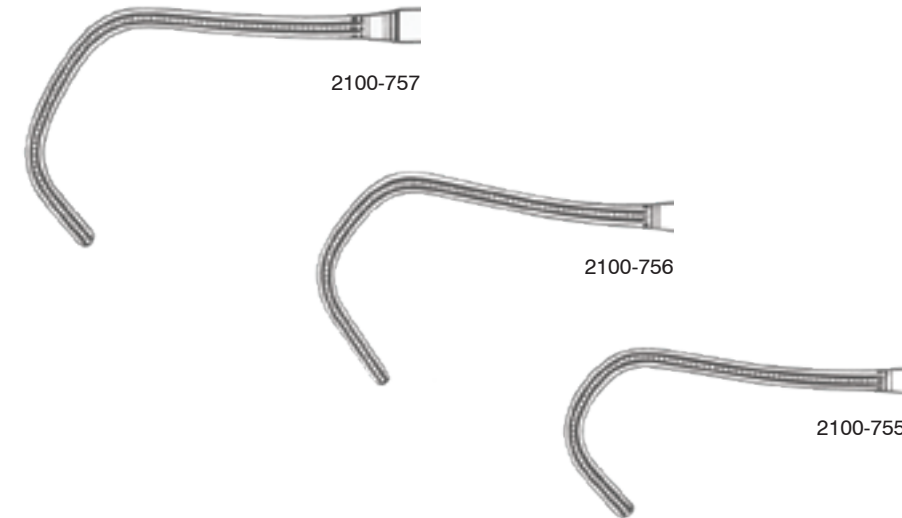
**DeBakey-Derra Anastomosis Clamp**

Atraumatic jaws

- 2100-755 small jaws 6 3/4" (17 cm)
- 2100-756 medium jaws 6 3/4" (17 cm)
- 2100-757 large jaws 7" (18 cm)



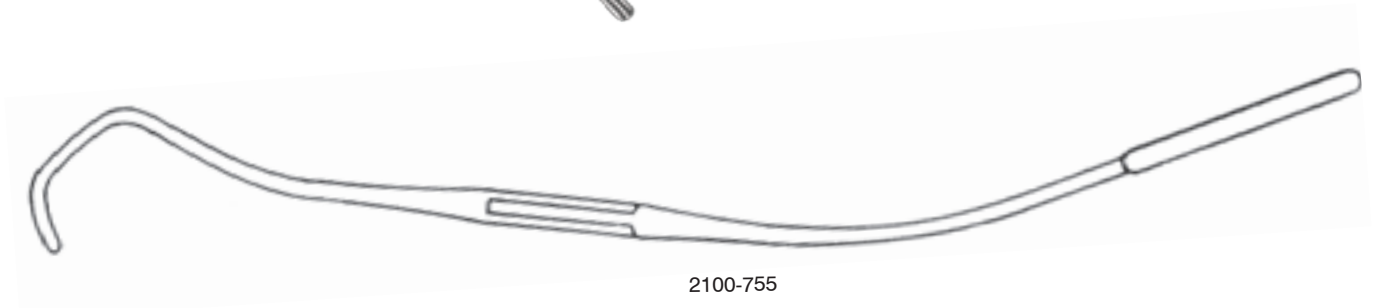
2100-755



2100-757

2100-756

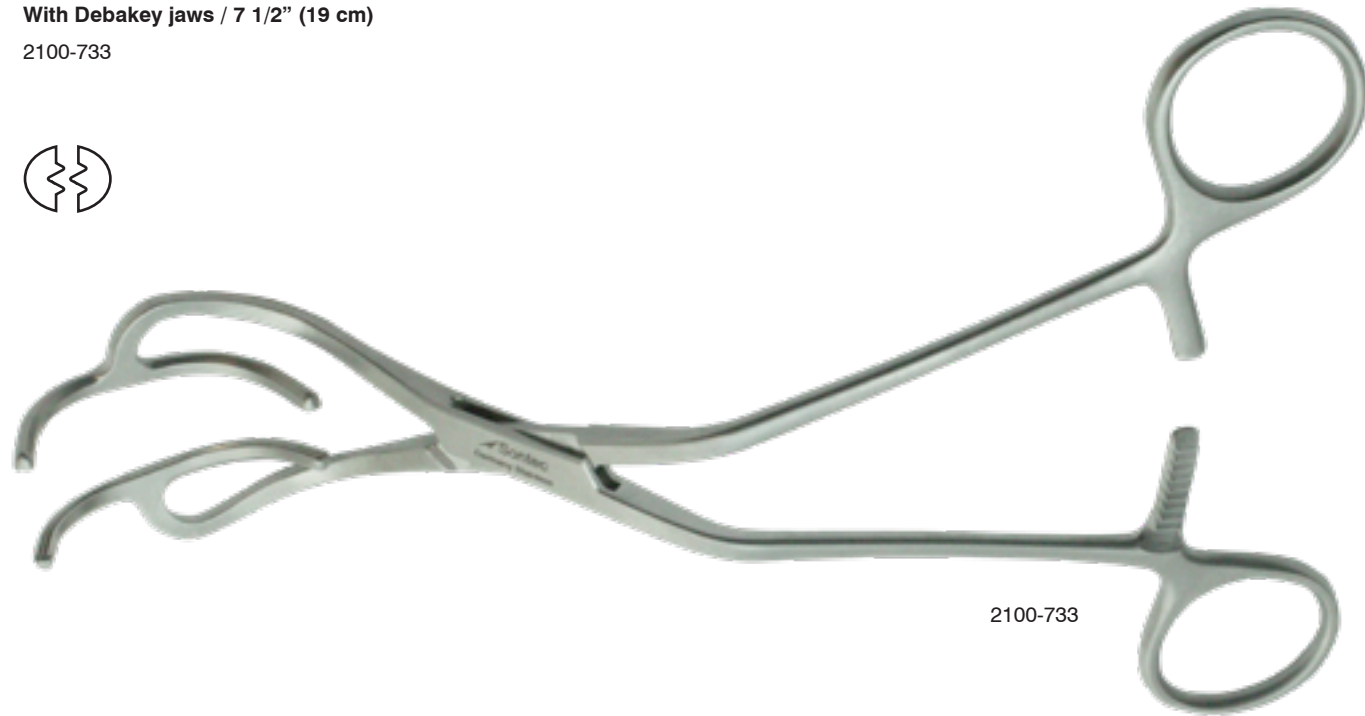
2100-755



2100-755

**Strong Aortic Clamp**

With DeBakey jaws / 7 1/2" (19 cm)  
2100-733



2100-733

**Blalock Aorta Clamp**

Flexible shaft / DeBakey jaws / 8 3/4" (22 cm)

- 2100-894 12 mm jaw length
- 2100-896 20 mm jaw length
- 2100-898 30 mm jaw length



Flexible shaft / Smooth Jaws / 8 3/4" (22 cm)

- 2100-895 12 mm jaw length
- 2100-897 20 mm jaw length
- 2100-899 30 mm jaw length



2100-895



2100-897

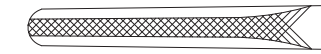


2100-899

**Vorse Tube Occluding Clamp**

Serrated jaws

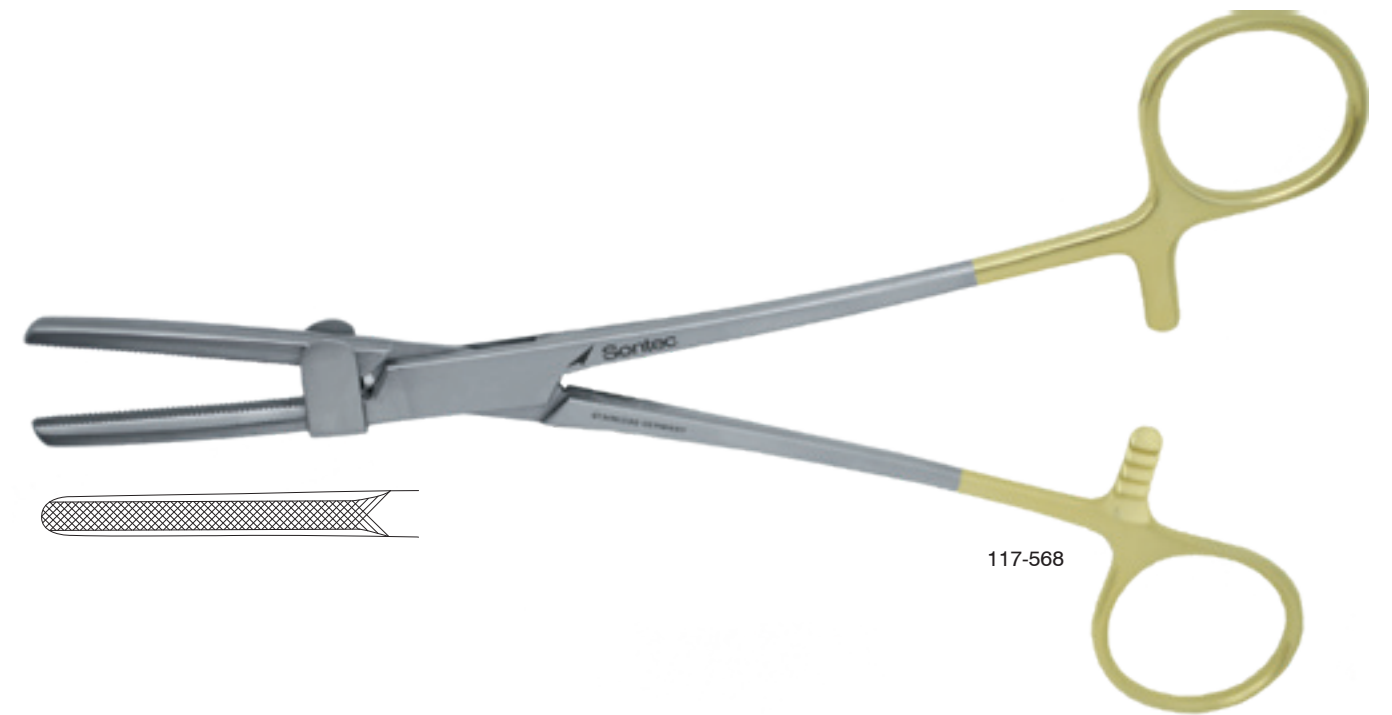
- 117-543 5 1/4" (13 cm)
- 117-546 7 1/4" (18.5 cm)
- 117-549 8" (20 cm) heavy



117-565

Serrated jaws / with u-shaped guard

- 117-562 5 1/4" (13 cm)
- 117-565 7 1/4" (18.5 cm)
- 117-568 8" (20 cm) heavy



117-568



 Sontec Instruments®

Eye RETRACTORS

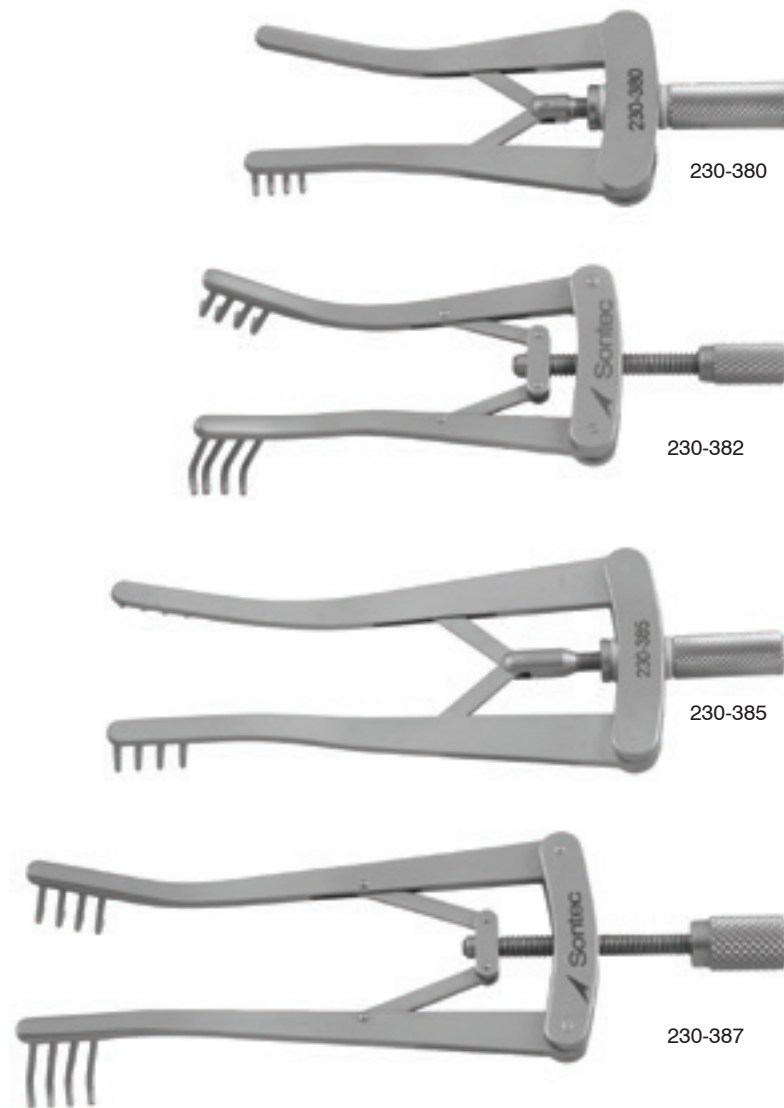
**Alm Retractor**

2 3/4" (7cm) spread / 2 3/4" (7cm) in length

- 230-380 4mm
- 230-381 7mm
- 230-382 11mm

3" (7.5cm) spread / 4" (10cm) in length

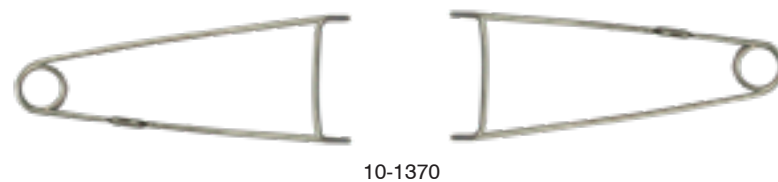
- 230-385 5mm
- 230-386 9mm
- 230-387 16mm



**Jaffe Wire Lid Retractor**

15mm

10-1370



**Rizzuti Iris Retractor & Lens Expressor**

2.0 mm wide lip

12-4800



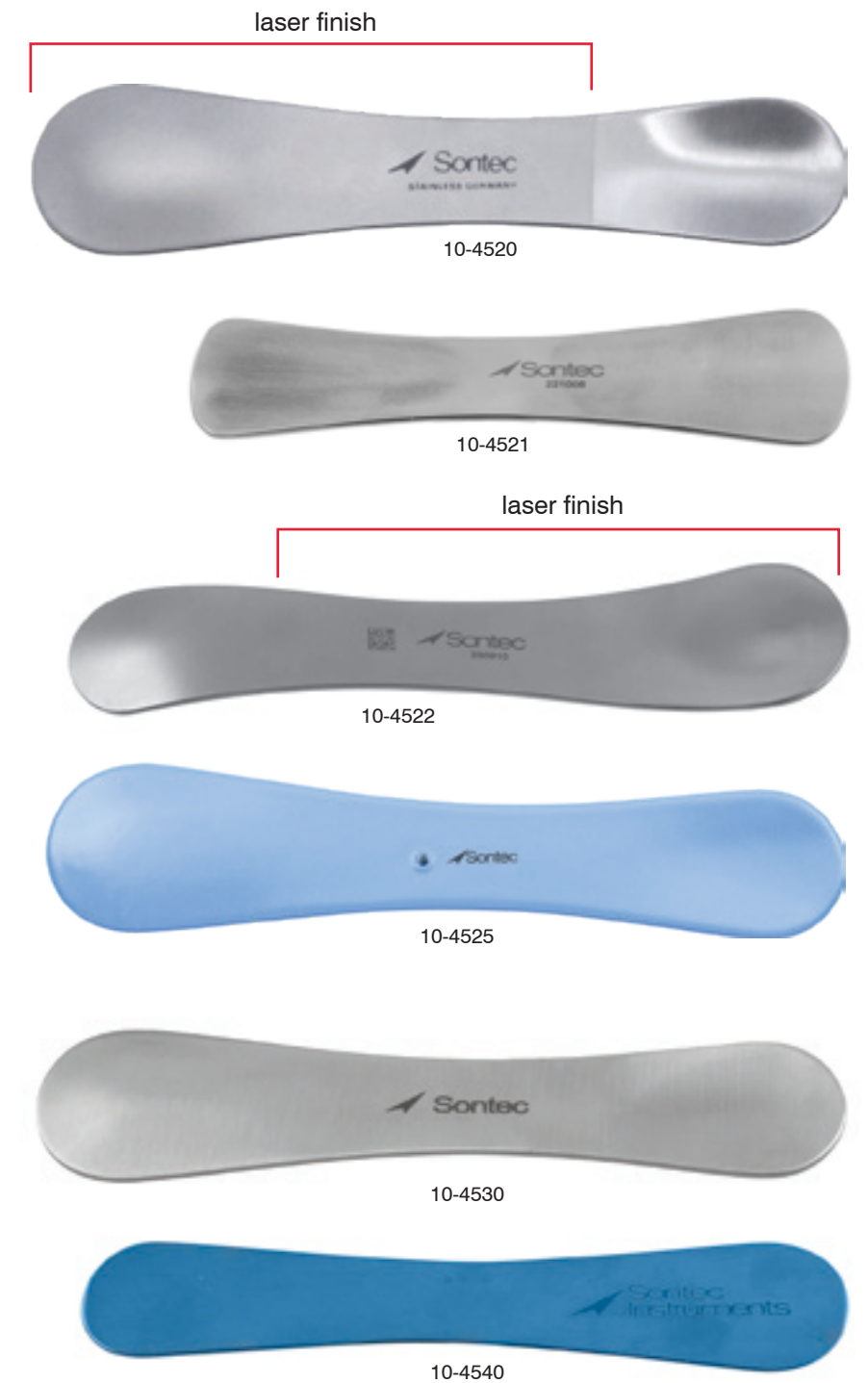
**Jaeger Lid Plate**

**Stainless**

- 10-4520 1/2 laser finish
- 10-4521 broad laser finish mini 3 3/4"
- 10-4522 1/2 laser finish slight "S" curved
- 10-4525 blue electro coat
- 10-4530 stainless steel
- 10-4535 black laser finish

**Titanium**

10-4540



**Sewall Orbital Retractor**

Double ended / 7mm curved / 3.5mm curved

10-3890



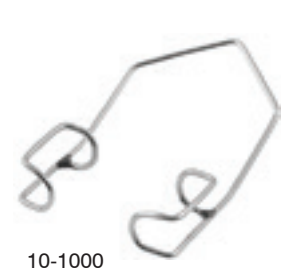
**Barraquer Wire Speculum**

**Standard**

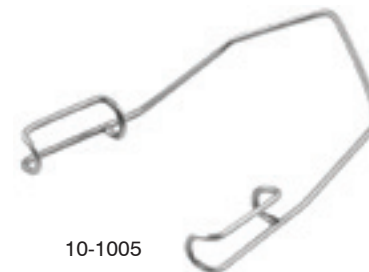
10-1000	10 mm blades	
T10-1000	10 mm blades	titanium
10-1005	12 mm blades	
T10-1005	12 mm blades	titanium
10-1007	14 mm blades	
T10-1007	14 mm blades	titanium
10-1010	15 mm blades	
T10-1010	15 mm blades	titanium

**Closed wire / curved blades**

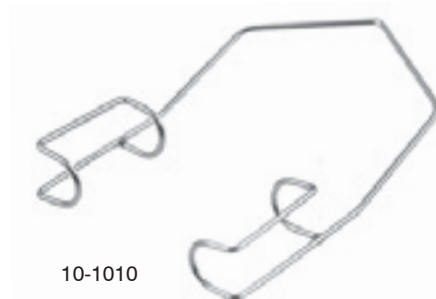
10-1000C	10 mm blade	15 mm spread small	
10-1000C-13	13 mm blade	10 mm spread	
T10-1000C	10 mm blade	15 mm spread small	titanium
10-1005C	12 mm blade	18 mm spread medium	
10-1010C	14 mm blade	18 mm spread large	
10-1010C-08	8 mm blade	16 mm spread	
T10-1010C	14 mm blade	18 mm spread large	titanium



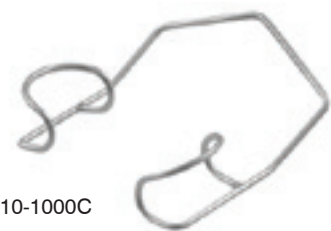
10-1000



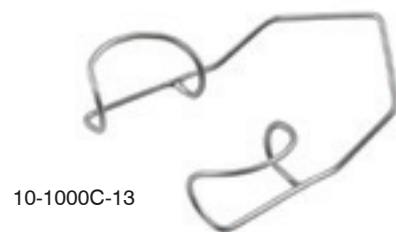
10-1005



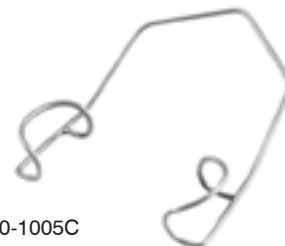
10-1010



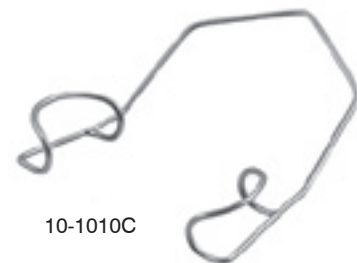
10-1000C



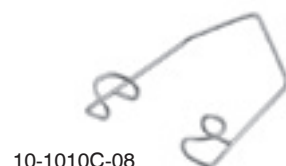
10-1000C-13



10-1005C



10-1010C

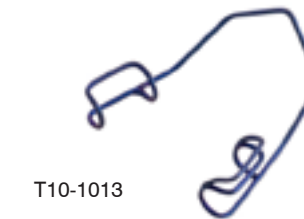


10-1010C-08

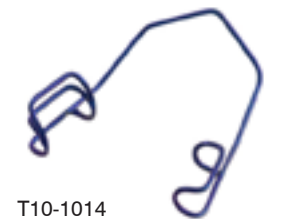
**Barraquer Wire Speculum Third Eye Lid**

**Closed blades**

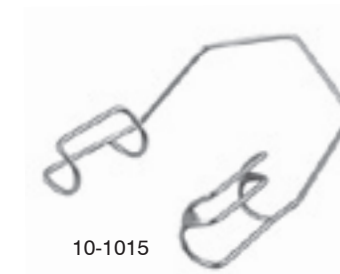
T10-1013	10 mm blades	18 mm spread	left third eye lid	titanium
T10-1014	10 mm blades	18 mm spread	right third eye lid	titanium
10-1015	14 mm blades	18 mm spread	left third eye lid	
10-1016	14 mm blades	18 mm spread	right third eye lid	
T10-1015	14 mm blades	18 mm spread	left third eye lid	titanium
T10-1016	14 mm blades	18 mm spread	right third eye lid	titanium



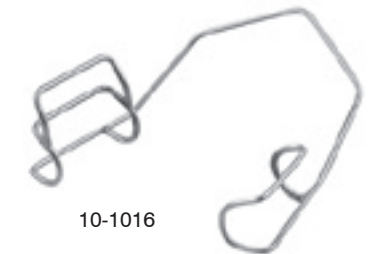
T10-1013



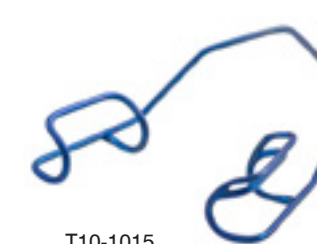
T10-1014



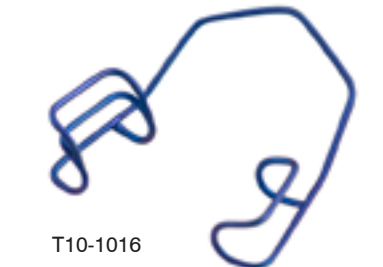
10-1015



10-1016



T10-1015



T10-1016

**Barraquer Wire Speculum**

**Solid blades**

10-1020	small	stainless
T10-1020	small	titanium
10-1030	large	stainless
T10-1030	large	titanium



10-1020



10-1030

**Castroviejo Equine Eye Speculum**

1" / 25 mm blades / 4 3/4" ( cm)

10-1704



10-1704

**Williams Eye Speculum**

**Locking screw / open blades**

10-1500	small
10-1510	large



10-1500



10-1510

**Desmarres Lid Retractor**

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

- 10-4192 6 mm
- 10-4194 8 mm
- 10-4196 9 mm
- 10-4198 10 mm
- 10-4200 11 mm
- 10-4201 11 mm electro-blue coated
- 10-4206 12 mm
- 10-4207 12 mm electro-blue coated
- 10-4210 13 mm
- 10-4213 13 mm electro-blue coated
- 10-4216 14 mm
- 10-4220 15 mm



10-4200



10-4223

- 10-4218 14 mm
- 10-4223 15 mm electro-blue coated
- 10-4226 16 mm
- 10-4227 16 mm electro-blue coated
- 10-4230 17 mm



10-4236

- 10-4233 17 mm electro-blue coated
- 10-4236 18 mm
- 10-4237 18 mm electro-blue coated
- 10-4240 19 mm



10-4192 10-4196 10-4198 10-4206 10-4216 10-4226

**Kawamoto Double-Ended Retractor**

**14 mm x 16 mm / 6" (15.2 cm)**

- 10-4269
- 10-4270 blue electro coating



10-4269



10-4270

**McGannon Retractor**

**Fenestrated blade / 5" (12.5 cm)**

- 205-800 2.5 mm



205-800

**Desmarres Lid Retractor Titanium**

**10 mm / 4 3/4" (12.1 cm)**

- T10-4198



T10-4198

**Double-ended / 10 mm & 12 mm / 5 7/8" (14.7 cm)**

- T10-4255 6 mm



T10-4255

**Desmarres Lid Retractor Autoclavable Plastic**

**Double ended / transparent yellow / autoclave safe / 5 1/2" (14 cm)**

- 10-4245 10 mm & 12 mm
- 10-4246 14 mm & 16 mm



10-4245



10-4246

**Gil-Vernet Desmarres Retractor**

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

- 10-4211 size 1
- 10-4221 size 2
- 10-4231 size 3
- 10-4241 size 4



10-4211

10-4231



10-4221

10-4241



10-4241



 Sontec Instruments®

Eye SPECIALTY

**New Orleans Lens Loop**

Single-ended  
T12-4330



T12-4330

**Culler Lens Spoon**

Single-ended / 3 mm spoon width / 12.8 cm total length  
12-4500



12-4500

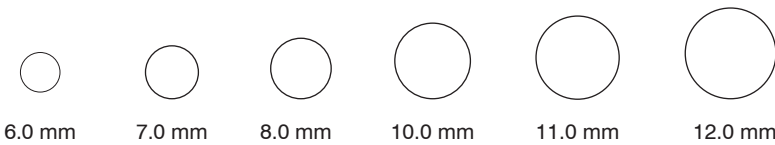
**Bunge Evisceration Spoon**

Straight head

- 12-4601 6.0 mm
- 12-4602 7.0 mm
- 12-4600 8.0 mm
- 12-4604 10.0 mm
- 12-4608 11.0 mm
- 12-4610 12.0 mm



12-4610



**Wells Enucleation Spoon**

Angled head  
12-4750



12-4750

**Sontec Corneal Cutting Block**

Delren plastic  
11-9350



11-9350

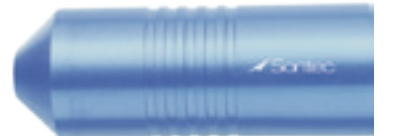
**Algerbrush II Corneal Rust Ring Remover Burr**

Battery powered

- 11-4600 complete w/ 0.5 mm burr
- 11-4601 complete w/ 1 mm burr
- 11-4610 burr only 0.5 mm
- 11-4609 burr only 1 mm



11-4600



11-4610

**Algerbrush II Pterygium Burr**

Battery powered

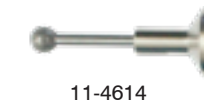
- 11-4611 complete w/ 2.5mm Fine ball tip
- 11-4612 2.5 mm fine ball tip only
- 11-4613 complete w/ 3.5mm medium ball tip
- 11-4614 3.5 mm medium ball tip only
- 11-4615 complete w/ 4mm fine wheel
- 11-4616 4 mm fine wheel tip only
- 11-4617 complete w/ 5mm medium wheel
- 11-4618 5 mm wheel tip only



11-4611



11-4612



11-4614



11-4616



11-4618



**Martinez Corneal Dissector**

Double-ended

11-3420



11-3420

**Castroviejo Lacrimal Dilator**

Double-ended

16-2510



16-2510

**Castaneda Enucleation Clamp Forceps**

Autramatic curved jaw / curved shank / 4 3/4" (12 cm)  
23-1818



23-1818

**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

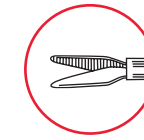


**Intraocular Grasping Forceps**

Axial squeeze handle  
14-7750



14-7750



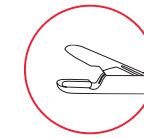
Cap

**Intraocular Micro Biopsy Forceps**

Axial squeeze handle  
14-7751



14-7751



Cap

**Vitrectomy Scissors**

20 G

- 13-5600 straight
- 13-5605 30°
- 13-5610 60°
- 13-5615 90°



straight

30°

60°

90°



13-5600

**Intraocular Scissors**

Squeeze handle / with protective sleeve

- 13-5700 straight
- 13-5710 curved
- 13-5710B curved ceramic coated blade



13-5700



13-5710B

Squeeze handle / irrigation with protective sleeve

- 13-5701 straight
- 13-5711 curved

**Bowman Lacrimal Probe**

**Sterling silver / butterfly handle**

- 16-2520 set of six probes
- 16-2530 size 0000/000
- 16-2540 size 00/0
- 16-2541 size 0/1
- 16-2550 size 1/2
- 16-2551 size 2/3
- 16-2560 size 3/4
- 16-2561 size 4/5
- 16-2570 size 5/6
- 16-2571 size 6/7
- 16-2580 size 7/8

**Stainless steel / butterfly handle**

- 16-2530S size 0000/000
- 16-2540S size 00/0
- 16-2550S size 1/2
- 16-2560S size 3/4
- 16-2570S size 5/6



**Bowman Lacrimal Probe**

**Stainless steel / round handle**

- 16-2578 set of six probes
- 16-2579 size 0000/000
- 16-2581 size 00/0
- 16-2582 size 0/1
- 16-2583 size 1/2
- 16-2584 size 2/3
- 16-2585 size 3/4
- 16-2586 size 4/5
- 16-2587 size 5/6
- 16-2588 size 6/7
- 16-2589 size 7/8



**Pigtail Lacrimal Probe Dilator**

- 15 mm tip w/holes
- 16-2600



**French Lacrimal Dilator**

- Double-ended / 3"
- 16-2442



**Castroviejo Lacrimal Dilator**

- Double-ended
- 16-2510



**Infant Lacrimal Dilator**

- Single-ended
- 16-2440



**Wilder Lacrimal Dilator**

- Single-ended
- 16-2460 fine, #1
- 16-2470 medium, #2
- 16-2480 heavy, #3



**Muldoon Lacrimal Dilator**

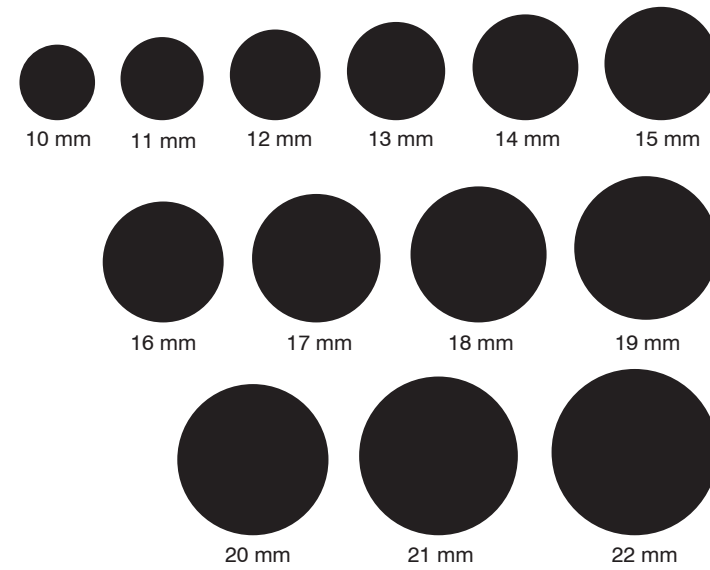
- Single-ended / graduated blunt tip
- 16-2500



**Silicone Eye Implants**

Please specify size when ordering  
/ not for medical use (vet only)

- 1100-411-10 10 mm
- 1100-411-11 11 mm
- 1100-411-12 12 mm
- 1100-411-13 13 mm
- 1100-411-14 14 mm
- 1100-411-15 15 mm
- 1100-411-16 16 mm
- 1100-411-17 17 mm
- 1100-411-18 18 mm
- 1100-411-19 19 mm
- 1100-411-20 20 mm
- 1100-411-21 21 mm
- 1100-411-22 22 mm
- 1100-411-23 23 mm
- 1100-412-24 24 mm
- 1100-412-26 26 mm
- 1100-412-28 28 mm
- 1100-412-30 30 mm
- 1100-412-33 33 mm
- 1100-412-36 36 mm
- 1100-412-38 38 mm
- 1100-412-40 40 mm
- 1100-412-43 43 mm
- 1100-412-45 45 mm
- 1100-412-47 47 mm



**Carter Sphere Introducer**

5" (12.5 cm)  
17-1000



**Suction Cup Handle for Eye Shields**

18-8028 silicone blue



18-8028

**Corneal Eye Shields in Non-Reflective Laser Finish or Electro Blue Coating**

**Non-reflective laser finish stainless / 22 mm x 27 mm**

- 18-8026 can be used with suction cup 18-8028
- 18-8025 can be used with suction cup 18-8028 pair
- 18-8022 with handle
- 18-8020 with handle pair

**Electro blue coated / 22 mm x 27 mm**

- 18-8026B without handle
- 18-8025B without handle pair
- 18-8022B with handle
- 18-8020B with handle pair

**Titanium / 24 mm x 21 mm**

- T18-8023 with handle



18-8022



18-8026



18-8022B

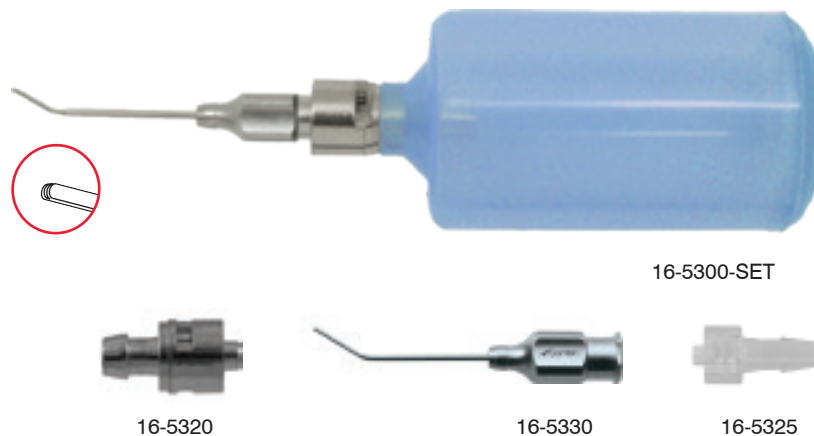


T18-8023

### Bishop-Harmon Irrigation Bulb Cannula Set

#### Adapter and blue silicone bulb / angled cannula

- 16-5300-SET complete (bulb, adapter, 19 gauge cannula)
- 16-5310 silicone bulb
- 16-5330 19 gauge cannula
- 16-5331 21 gauge cannula (separate purchase)
- 16-5340 bulb & adapter (separate purchase)
- 16-5320 SS adapter
- 16-5325 plastic adapter (bag of 5 each)
- 16-5321 plastic adapter (1 each)



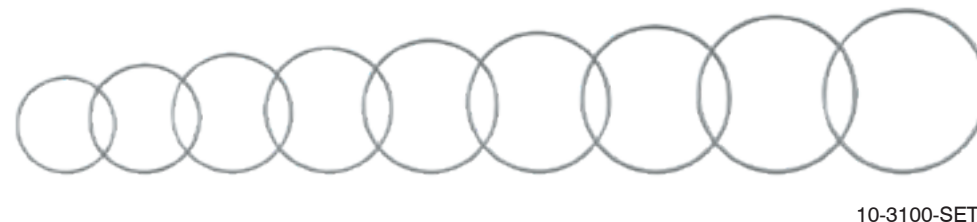
### Flieringa Scleral Fixation Ring

Set of 9 sizes, 14 mm - 22 mm

10-3100-SET

#### Also sold individually

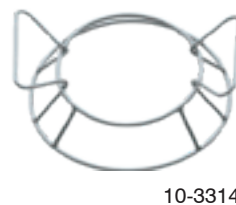
- 10-3140 14 mm
- 10-3150 15 mm
- 10-3160 16 mm
- 10-3170 17 mm
- 10-3180 18 mm
- 10-3190 19 mm
- 10-3200 20 mm
- 10-3210 21 mm
- 10-3220 22 mm



### McNeill-Goldman Scleral Fixation Ring & Blepharostat

#### Stainless

- 10-3310 small 15 mm inside diameter
- 10-3312 medium 16 mm inside diameter
- 10-3314 large 17 mm inside diameter



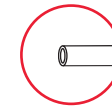
### Lacrimal Cannula

#### Reinforced shaft / 23 gauge

- 16-3300 straight
- 16-3310 curved

#### Straight / 23 gauge / 25 mm length

16-3290



16-3310

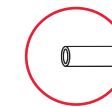


16-3290

### Severin Lacrimal Cannula

#### Curved

- 1103-500 19 gauge
- 1103-500A 20 gauge
- 1103-500B 21 gauge
- 1103-500C 22 gauge
- 1103-500D 23 gauge
- 1103-500E 24 gauge
- 1103-500F 25 gauge
- 1103-500G 26 gauge
- 1103-500H 27 gauge
- 1103-500J 30 gauge



1103-500A

### Fasanella Lacrimal Cannula

#### Curved / 15 mm length / 23 gauge

16-3350

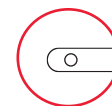


16-3350

### Lacrimal Cannula

#### Side opening / straight / 28 mm length / 19 gauge

16-3346

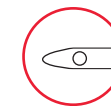


16-3346

### Shahinian Lacrimal Cannula

#### Smooth conical tip / straight / 0.3 mm side opening / 11 mm length / 23 gauge

16-3314

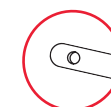


16-3314

### McIntyre Lacrimal Cannula

#### 0.3 mm dual sideports / 23 gauge

- 16-3320 straight
- 16-3330 curved

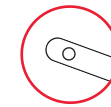


16-3330

### West Cannula

#### Side opening / curved / 25 mm length / 23 gauge

16-3348



16-3348

### Air Injection Cannula

#### Angled / 5 mm tip

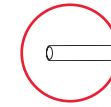
- 16-3810 25 gauge
- 16-3820 27 gauge
- 16-3800 30 gauge



16-3820

#### Angled / 7 mm tip

- 16-3821 27 gauge
- 16-3826 30 gauge



16-3821



 Sontec Instruments®

Eye FORCEPS

#00 Jewelers aka Cilia & Suture Removal Forceps

Fine Tip / TC Dust / 4 1/2" (11.5cm)

14-6805 stainless steel  
T14-6805 titanium



14-6805



T14-6805

Jewelers Classic Forceps

#1 / standard handle / extra delicate

14-6810 stainless  
T14-6810 titanium



14-6810

#2 / standard handle / delicate / stair

14-6815  
14-6816 TCD  
T14-6816 titanium



14-6815

#3 / standard handle / standard

14-6830 stainless  
T14-6830 titanium



14-6830

#3 / standard handle / standard / stainless / TCD

14-6831



T14-6831

#3C / standard handle / short

14-6820 stainless  
T14-6820 titanium



14-6820

#3C / standard handle / standard / stainless / TCD

14-6821



T14-6821

#4 / standard handle / standard

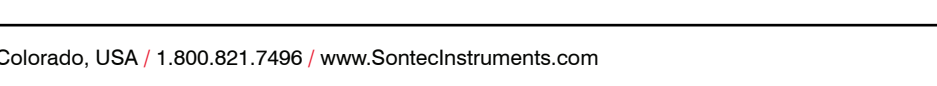
14-6840 stainless  
T14-6840 titanium



14-6840

#5 / standard handle / extra delicate

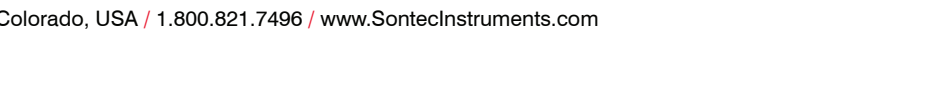
14-6850 stainless  
T14-6850 titanium



14-6850

#7 / standard handle / curved

14-6870 stainless  
T14-6860 titanium



14-6870

Harms-Colibri 1x2 Tissue Forceps

Tying platform / stainless / 1 x 2 box teeth

14-1845 0.12 mm delicate  
14-1847 0.2 mm  
14-1851 0.3 mm  
14-1850 0.4 mm  
14-1852 0.5 mm



14-1845

Tying platform / titanium / 1 x 2 box teeth

T14-1845 0.12 mm delicate  
T14-1847 0.2 mm  
T14-1851 0.3 mm  
T14-1850 0.4 mm  
T14-1852 0.5 mm



T14-1845

Tying platform / wide tip / titanium / 1 x 2 teeth

T14-1845W 0.12 mm



T14-1845W

Harms-Colibri 1x2 Tissue Forceps

Tying platform / 1 x 2 angled teeth / delicate / 0.12 mm

14-1820 stainless 0.12 mm  
T14-1820 titanium 0.12 mm  
T14-1819 0.3 mm



14-1820

Polack Corneal Forceps

Colibri style / double tips / (1x2)x2=6 teeth / 3 mm spread

14-3910 0.12 mm delicate  
14-3900 0.3 mm



14-3910

Colibri style / double tips / (1x2)x2=6 teeth / 3 mm spread

T14-3910 0.12 mm delicate  
T14-3900 0.3 mm



T14-3910

Fenestrated handle / double tips / (1x2)x2=6 teeth / 3 mm spread

T14-3920 .12 mm

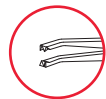


T14-3920

**Hyde Corneal Forceps**

Tying platform / 2 x 2 box teeth / 0.12 mm / delicate

T14-2220  
14-2220

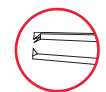


14-2220

**Bishop-Harmon 1x2 Tissue Forceps Titanium**

1 x 2 box teeth / 3 1/2" (9 cm)

T14-3803 0.3 mm  
T14-3805 0.5 mm  
T14-3810 0.8 mm  
T14-3800 0.12 mm

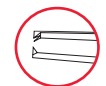


T14-3810

**Bishop-Harmon 1x2 Tissue Forceps**

1 x 2 teeth / 3 1/2" (9 cm)

14-3800 0.3 mm tip delicate  
14-3805 0.5 mm tip  
14-3810 0.8 mm tip



14-3810

**Castroviejo Suture 1x2 Teeth Forceps**

With tying platform / 1 x 2 teeth / stainless

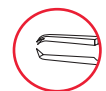
14-2800 0.12 mm tip  
14-2805 0.2 mm tip  
14-2810 0.3 mm tip  
14-2860 0.3 mm tip angled tips on flat  
14-2815 0.4 mm tip  
14-2820 0.5 mm tip  
14-2880 0.5 mm tip angled tips on flat  
14-2830 0.9 mm tip  
14-2840 1.5 mm tip



14-2810

With tying platform / 1 x 2 teeth / titanium

T14-2800 0.12 mm tip  
T14-2805 0.2 mm tip  
T14-2810 0.3 mm tip  
T14-2815 0.4 mm tip  
T14-2820 0.5 mm tip  
T14-2830 0.9 mm tip  
T14-2840 1.5 mm tip

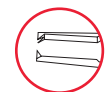


T14-2810

**Kelman & Hoffer Suture Tissue Forceps**

Angled / tying platform / 1 x 2 box teeth / 0.12 mm / ergonomic handle

14-2935

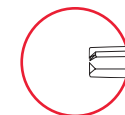


14-2935

**Lester Fixation 1x2 Tissue Forceps**

4" (10 cm)

14-4600 1 x 2 teeth  
14-4620 2 x 3 teeth



14-4620

**Lester Fixation Tissue Forceps**

Serrated tip / 4" (10 cm)

14-4625

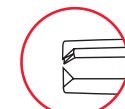


14-4625

**Girard 1x2 Fixation Forceps**

With sliding lock / 1 x 2 angled teeth

14-3240 0.3 mm  
14-3245 0.9 mm  
14-3246 0.5 mm



14-3240

With sliding lock / 0.5 mm / with tying platform / 1 x 2 angled teeth

14-3247 curved  
14-3248 straight



14-3245



14-3247

**Strabismus Forceps**

1x2 teeth / slide lock

14-3150 straight  
14-3152 right  
14-3154 left



14-3150



14-3152

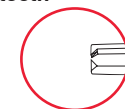


14-3154

**Girard 1x2 Fixation Forceps**

With push lock / 1 x 2 box teeth

14-3260A 0.3 mm  
14-3260B 0.5 mm  
14-3260C 0.9 mm  
14-3260D 1.2 mm



**Bonaccolto Suture Forceps**

Conjunctiva forceps / longitudinally serrated jaws / with cross serrations at tips / straight

- 14-6500 1.2 mm tip
- 14-6510 1.7 mm tip



Titanium / conjunctiva forceps / longitudinally serrated jaws / with cross serrations at tips / straight

- T14-6500 1.2 mm tip
- T14-6510 1.7 mm tip



14-6510



T14-6510

**Barraquer Cilia Forceps**

TC Dust / slightly angled

- 14-6303

Titanium / TC dust / slightly angled

- T14-6303



14-6303



T14-6303

**Gradle Cilia Forceps**

Smooth square jaws

- 14-6400
- T14-6400 titanium



14-6400



T14-6400

**Cilia Forceps**

Smooth jaws / polished finish / serrated handle / narrow

- 14-6415



14-6415

**Graefe Fixation Forceps**

4.5 mm jaw / 4 1/2" (11.5 cm)

- 14-5120 with lock
- 14-5122 with lock curved
- 14-5130 without lock



14-5120



14-5122



14-5130

**Green Fixation Forceps**

Atraumatic integrating teeth / 4" (10 cm)

- 14-5200 5 mm jaw
- 14-5205 5 mm jaw with lock
- 14-5215 10 mm jaw with lock
- 14-5220 10 mm jaw

Titanium / atraumatic integrating teeth / 4" (10 cm)

- T14-5220 10 mm jaw
- T14-5200 5 mm jaw



14-5215



14-5220



T14-5220

**Sontec Eye Lid Forceps**

Serrated / 5" (12.5 cm)

- 14-5240



14-5240

**Desmarres Chalazion Clamp Forceps**

Lower solid blade / stainless

- 14-9900 17 mm
- 14-9901 21 mm
- 14-9902 28 mm

Lower solid blade / laser finished

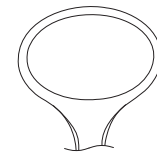
- 14-9893 17 mm
- 14-9894 21 mm
- 14-9895 28 mm

Lower solid blade / blue electro coat

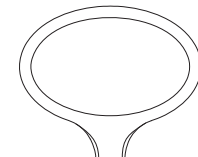
- 14-9896 17 mm
- 14-9897 21 mm
- 14-9898 28 mm



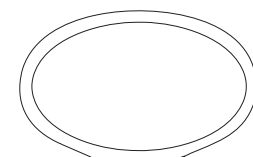
14-9901



small (17 mm)



medium (21 mm)



large (28 mm)

**Desmarres Severin Chalazion Clamp Forceps**

Two open tips / both blades fenestrated

- 14-9908 17 mm
- 14-9907 21 mm
- 14-9906 28 mm

Two open tips / both blades fenestrated

- T14-9908 17 mm
- T14-9907 21 mm
- T14-9906 28 mm



14-9908



17 mm

21 mm

28 mm



T14-9908

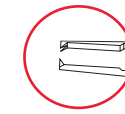


T14-9907

**Kelman-McPherson 1x2 Tissue Forceps**

8 mm long / 0.3 mm / angled / 1 x 2 box teeth

- 14-2630

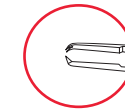


14-2630

**Stern-Castroviejo Suture 1x2 Tissue Forceps**

6 mm long / 1 x 2 box teeth / 0.5 mm / straight / handle with thumb catch lock

- 14-2890

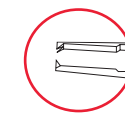


14-2890

**Manhattan 1x2 Tissue Forceps**

Tying platform / 1 x 2 box teeth / stainless

- 14-3050 0.7 mm
- 14-3070 0.6 mm
- 14-3060 0.3 mm



14-3070

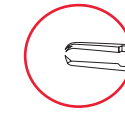
Tying platform / 1 x 2 box teeth / titanium

- T14-3050 0.7 mm
- T14-3070 0.6 mm
- T14-3060 0.3 mm

**Manhattan Severin 1x2 Tissue Forceps**

Tying platform / 1 x 2 angled teeth / stainless

- 14-3073 0.12 mm delicate
- 14-3075 0.3 mm
- 14-3071 0.5 mm
- 14-3072 0.6 mm
- 14-3077 0.7 mm
- 14-3074 0.9 mm



14-3077

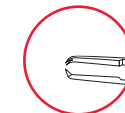
Tying platform / 1 x 2 angled teeth / titanium

- T14-3073 0.12 mm delicate
- T14-3075 0.3 mm
- T14-3071 0.5 mm
- T14-3072 0.6 mm
- T14-3077 0.7 mm
- T14-3074 0.9 mm

**Bracken 1x2 Fixation Forceps**

1 x 2 teeth / angled / 4 1/4" (10.5 cm)

- 14-4800

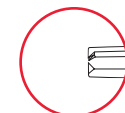


14-4800

**Lester Fixation 1x2 Tissue Forceps**

4" (10 cm)

- 14-4600 1 x 2 teeth
- 14-4620 2 x 3 teeth



14-4620



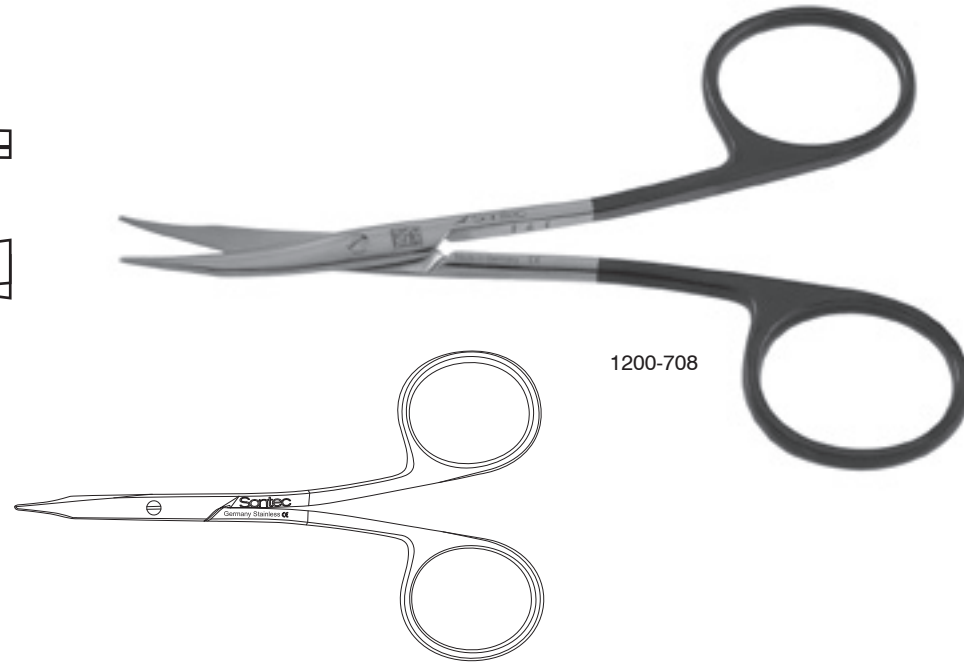
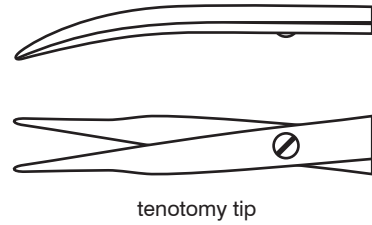
 Sontec Instruments®

Eye ENT SCISSORS

**Stevens Tenotomy Ergonomic Spread Handle Power Cut Black® Scissors**

Blunt / long tip / PC black / ergonomic spread handle / curved / 4 1/2" (11.5 cm)

1200-708



**Ceramitec Stevens Tenotomy Ergonomic Spread Handle Power Cut Black® Scissors**

Black with gold screw / blunt / long tip / PC Black / ergonomic spread handle / curved / 4 1/2" (11.5 cm)

1200-935



**Stevens Tenotomy Classic, Tungsten Carbide, Power Cut Gold, Power Cut Black®, Ceramic Coated Scissors**

Blunt / short blades / PC Black / 4 3/4" (12 cm)

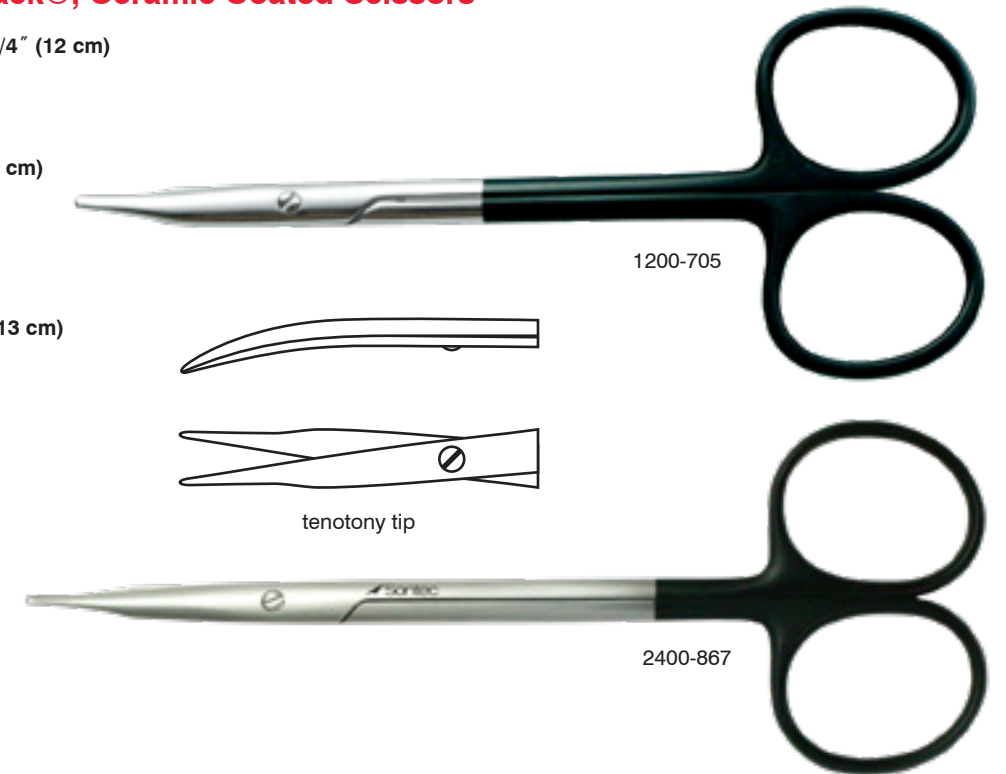
1200-701 straight  
1200-705 curved

Blunt / long blades / classic / 5" (13 cm)

2400-364 straight  
2400-366 curved

Blunt / long blades / PC black / 5" (13 cm)

2400-865 straight  
2400-867 curved



**Stevens Tenotomy Classic PC Gold Scissors**

Pointed sharp tips / short blades / classic / 4 1/8" (10.5 cm)

13-8805 straight  
13-8815 curved

Pointed sharp tips / long blades / classic / 4 1/2" (11.5 cm)

13-8820 straight  
13-8825 curved

Pointed sharp tips / long blades / PC Gold / 4 1/2" (11.5 cm)

13-8865 straight  
13-8866 curved



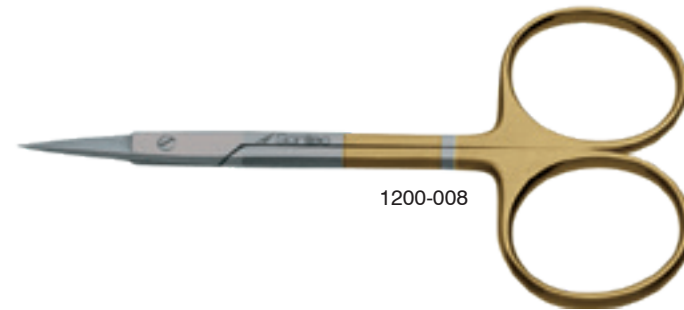
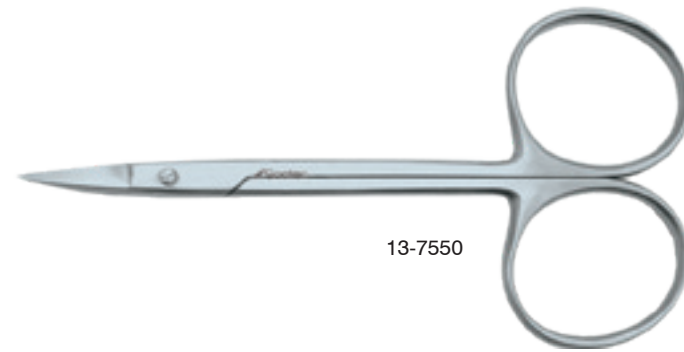
**Bonn Scissors**

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

- 13-7550 straight
- 13-7560 curved

**PC / 3 3/4" (9.5 cm)**

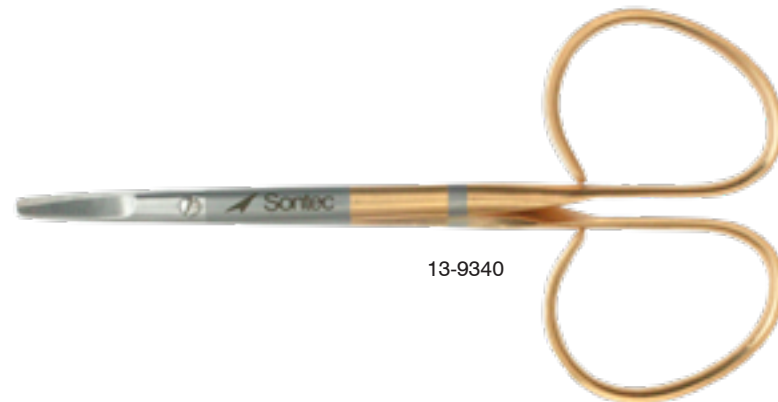
- 1200-008 straight
- 1200-009 curved



**Utility Scissors**

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

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



**Strabismus Classic Tungsten Carbide Power Cut Gold® Power Cut Black® Scissors**

**Delicate / PC gold / 4 1/4" (11 cm)**

- 1200-021 straight
- 1200-023 curved

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

- 1100-344 straight
- 1100-346 curved

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

- 1200-020 straight
- 1200-022 curved

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

- 1200-775 straight
- 1200-776 curved

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

1200-776S

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

- 2400-360 straight
- 2400-362 curved



**Iris Stille Classic Large Cut Out Rings Scissors**

**Curved / 4" (10.2 cm)**

13-7786



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

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

- 13-7500 straight
- 13-7510 curved

**Ribbon handle / mini pattern / classic / 14 mm blades / 3 3/4" (9.5 cm)**

- 13-7720 straight
- 13-7730 curved

**PC gold / sharp tips / 4" (10 cm)**

- 2400-010 straight
- 2400-012 curved

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

- 2400-015 straight
- 2400-017 curved

**PC black / sharp tips / 4" (10 cm)**

- 2400-710 straight
- 2400-712 curved

**Classic / 4 1/8" (10.2 cm)**

- 13-7528 straight
- 13-7530 curved

**Classic / delicate / 4 1/8" (10.2 cm)**

- 13-7524 straight
- 13-7526 curved

**PC gold / 4 1/8" (10.2 cm)**

- 13-7532 straight
- 13-7533 curved

**PC gold / delicate / 4 1/8" (10.2 cm)**

- 13-7520 straight
- 13-7522 curved



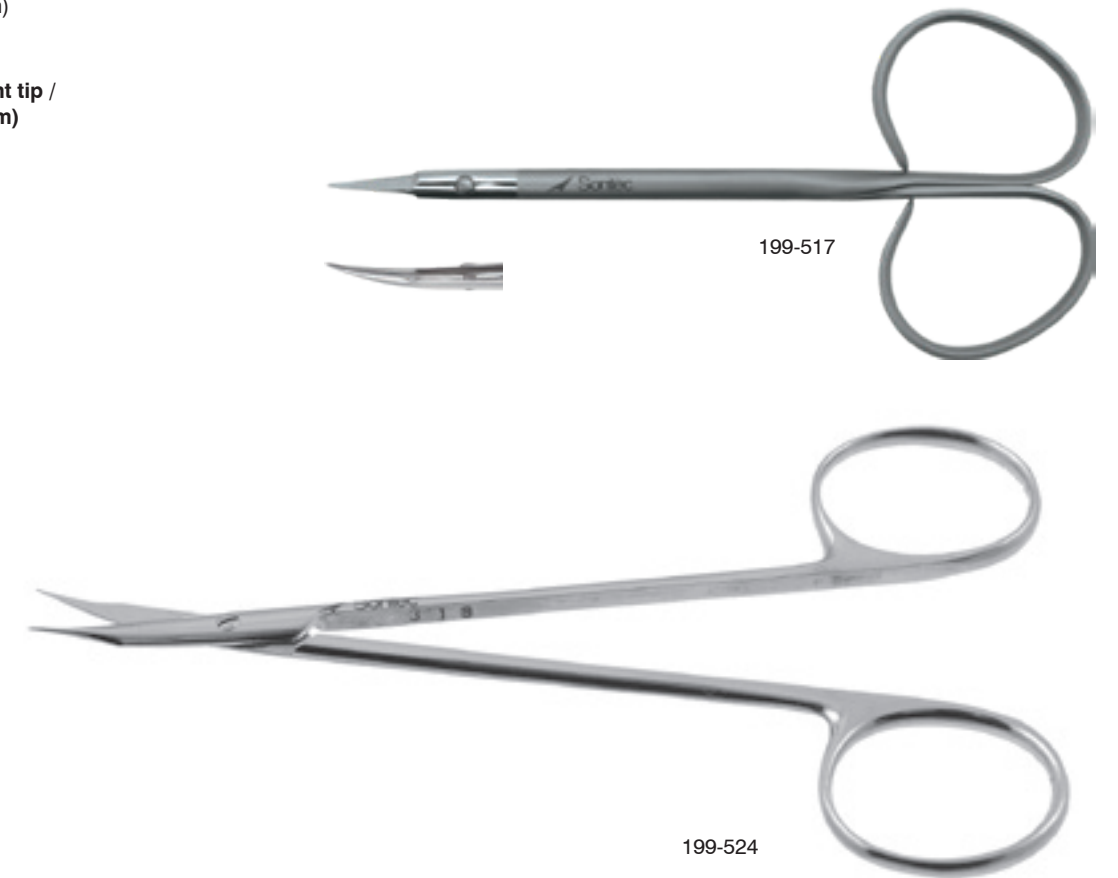
**Sontec® Stitch Scissors**

**Ribbon handle / Needle point tip / sharp tips / curved**

- 199-517 4" (10 cm)
- 199-520 4 1/2" (11.5 cm)
- 199-522 5" (13 cm)

**Classic rings / needle point tip / sharp / curved / 5" (12.7 cm)**

- 199-524



**O'Brien Stitch Scissors**

**Side-angled / sharp tips / 3 3/4" (9.5 cm)**

- 134-304 classic
- 134-305 PC gold



**Walton Thorek Scissors**

PC gold / beveled blades / full curved / 6 1/2" (16.5 cm)

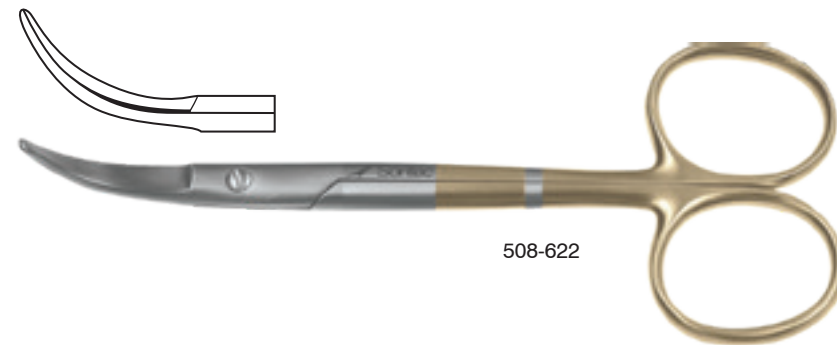
508-624



**Fomon Lateral Scissors**

PC Gold / right-angled / beveled blades / 4 1/2" (11.5 cm)

508-622



**Cinelli lower lateral Scissors**

PC Gold / full curve / 4 1/2" (11 cm)

508-619



**Fomon Scissors**

PC Gold / right-angled / 5 1/2" (14 cm)

508-615



**Enucleation Scissors**

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

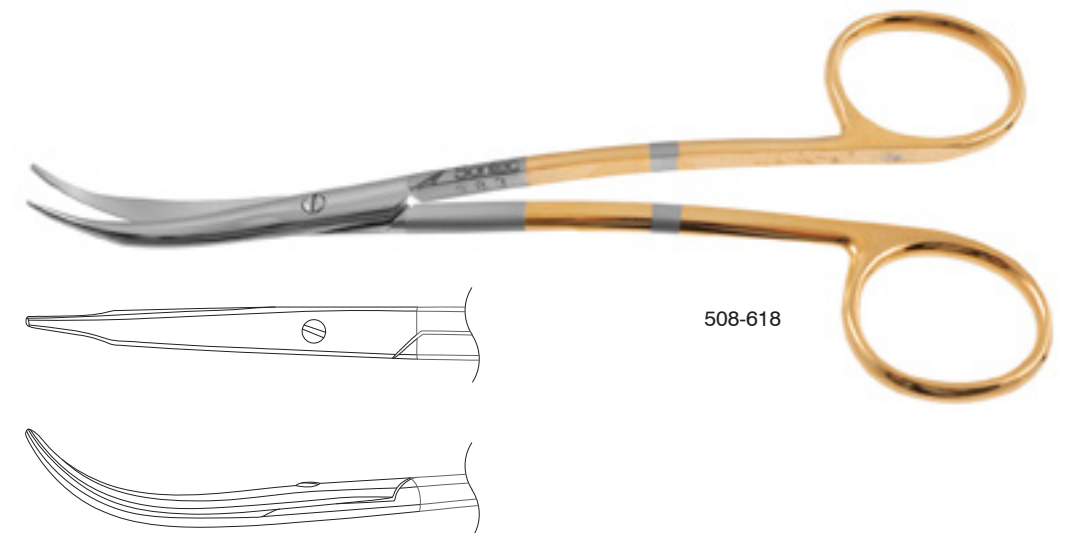
- 13-9805 light curve
- 13-9810 medium curve
- 13-9820 full curve
- 13-9822 full curve PC Black



**Baby Stratte Scissors**

PC Gold / full s-curved / 5 1/2" (14 cm)

- 508-616 metzenbaum tip
- 508-618 tenotomy tip



**Noyes Iris Scissors**

Flat handle / straight / 4 1/2" (11.5 cm)

- 13-3420 sharp-sharp
- 13-3425 sharp-blunt
- 13-3430 blunt-blunt



Flat handle / curved / sharp-sharp tips / 4 1/2" (11.5 cm)

13-3435



13-3435

**Noyes Iris Scissors**

Round handle / blunt tips / slightly curved / 4" (10.2 cm)

13-3460



13-3460

**Castroviejo Corneoscleral Scissors**

Small 8 mm blades / 4" (10.2 cm)

- 13-1300 right
- 13-1310 left

Small / medium 10 mm blades / 4" (10.2 cm)

- 13-1306 right
- 13-1307 left

Medium 12.5 mm blades / 4" (10.2 cm)

- 13-1320 right
- T13-1320 right titanium
- 13-1330 left
- T13-1330 left titanium

Large blades / 4" (10.2 cm)

- 13-1340 right
- 13-1350 left



13-1306



13-1307



13-1320



13-1330



right

left

**Westcott Tenotomy Scissors**

Curved sharp tips / medium blades / 4 3/4" (12.1 cm)

13-3303 fenestrated handle



13-3303

Curved blunt tips / medium blades / 4 3/4" (12.1 cm)

13-3304 fenestrated handle



13-3304

**Westcott Utility Scissors**

Sharp / round blades / curved / 5 1/4" (13.3 cm)

13-3311



13-3311

**Titanium Westcott Tenotomy Scissors**

Blunt tip / fenestrated handle / 4 1/2" (11.5 cm)

- T13-3417 curved
- T13-3418 straight



T13-3417

**McPherson-Westcott Stitch Scissors**

Curved sharp tips / small blades / 4" (10.2 cm)

13-4300



13-4300

**Castroviejo Corneal Scissors**

Curved blunt tips / 4 1/4" (10.8 cm)

- 13-2500 small
- 13-2520 medium
- 13-2540 large



13-2500

Curved blunt tips / 4 1/4" (10.8 cm)

- 13-2500F small
- 13-2520F medium



13-2520F

**Azar Corneal Scissors**

Caliper blade / 11 mm blades / 4 1/4" (10.8 cm)

- 13-1840 curved blades
- 13-1842 full curved blades



13-1840

**Castroviejo Keratoplasty Scissors**

Angled to side / medium blades / 4" (10.2 cm)

- 13-3140 sharp
- 13-3150 blunt



13-3150

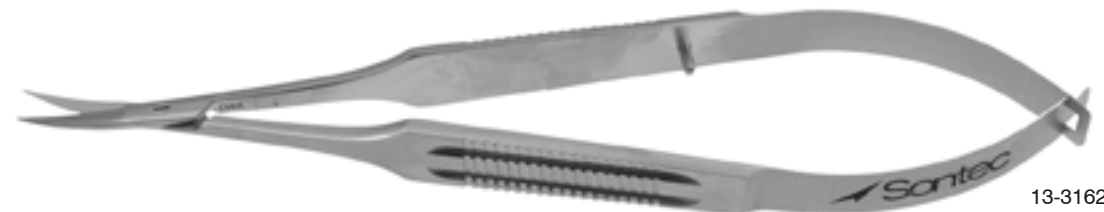
**Castroviejo Keratoplasty & Keratectomy Wide Handle Scissors**

Curved / wide serrated handles

- 13-3160 5 1/4" (13 cm)
- 13-3162 5 3/4" (14.5 cm)



13-3160



13-3162

**Westcott Stitch Scissors**

Sharp tips / classic blades / 4 1/2" (11.5 cm)

- 13-4400 curved
- 13-4402 straight



13-4400



13-4402

**Westcott Wide Handle Tenotomy Scissors**

Wide handle / curved / classic blades / 5 1/2" (14 cm)

- 13-3307 sharp
- 13-3306 blunt
- 13-3307S blunt serrated blades



13-3306



13-3307

**Westcott Wide Handle Conjunctival Scissors**

Lightly curved / blunt tip / wide serrated handle / 5 1/2" (14 cm)

- 13-3301



13-3301



 Sontec Instruments®

Veterinary Small & Equine Large Animal Specialty

**Snook Ovariectomy**

8" (20 cm)  
1100-756



1100-756

**Snook Feline Spay**

8" (20 cm)  
1100-758



1100-758

**Tankersly Ovariectomy Hook**

Used in Laparoscopic approach / 8 1/4" (21 cm)  
1100-757



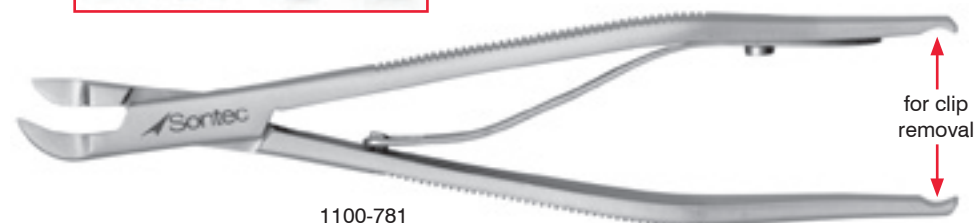
1100-757

**Michel Clips Applier Remover**

For Michel Clips / apply / remove forceps / 4 3/4" (12 cm)  
1100-781

Stainless / 100 per box / steel clips

- 1100-772 11 mm
- 1100-774 14 mm
- 1100-776 16 mm
- 1100-778 18 mm
- 1100-780 22 mm



for clip removal

1100-781

**Lubra™ Plates**

Plastic / available straight or curved / autoclavable / ethylene oxide sterilizable / easily adaptable for a variety of animals / trim with bone cutters to fit the patient / checkered surface forms friction grip / lock into position with stainless steel bolts

**CURVED Lubra™ Plates**

Sold in pairs / available small, medium, large, or extra large / unique design / flexible and contouring / for dogs, cats, and subhuman primates / use when stabilization of the spinal column is required

**STRAIGHT Lubra™ Plates**

Sold individually / for ventral fixation of the cervical vertebrae in the canine "wobbler syndrome" / also used for fractures of the scapula or pelvis, and reconstructive surgery of chest or orbit



**Bolt set includes:**

- 1 bolt
- 1 washer
- 1 nut



Bolt set made with 316L Implantable Stainless Steel



checkered surface, front side



smooth surface, back side

**Lubra™ Wrench**

- 1106-960 3 1/2" (9 cm)
- 1106-962 5" (12.7 cm)



1106-960

1106-962

**Lubra Stainless Steel Nut Only**

1106-948



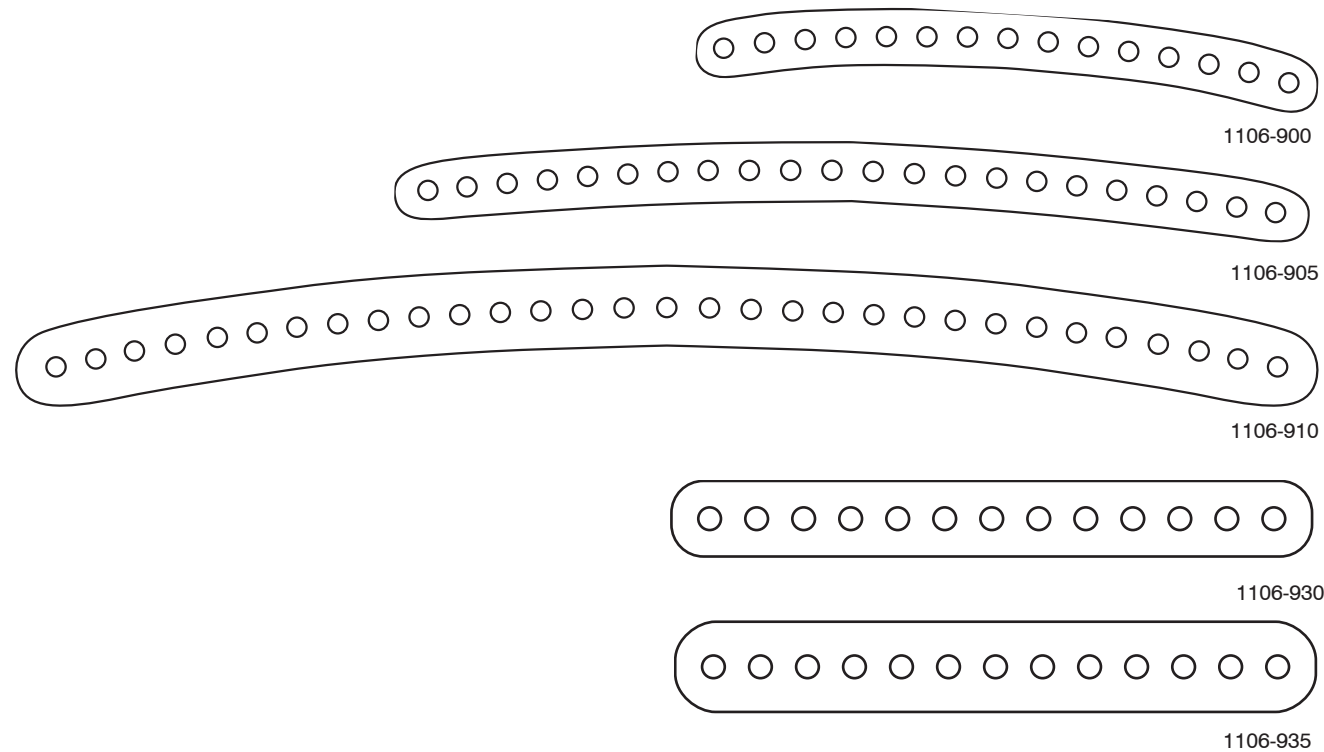
**Lubra Stainless Steel Washer Only**

1106-948



**Lubra™ Plates**

Item Number	Description	Patient Weight	Approximate Length	Number of Bolts Required
1106-900	small, cvd (pair)	under 20 lb	4" (10 cm)	6
1106-905	medium, cvd (pair)	20 - 40 lb	5 3/4" (14.5 cm)	8
1106-910	large, cvd (pair)	40 - 70 lb	8" (20 cm)	8
1106-915	extra large, cvd (pair)	over 70 lb	13" (33 cm)	10
1106-930	str, 7/16" wide (single)	(multi-purpose)	3 7/16" (8.5 cm)	varies
1106-935	str, 1/2" wide (single)	(multi-purpose)	3 7/16" (8.5 cm)	varies



**Lubra Stainless Steel Bolt**

- 1106-950 1/2"
- 1106-949 3/4"
- 1106-952 1"
- 1106-950H 1/2"
- 1106-949H 3/4"
- 1106-952H 1"



**Stainless Steel Bolts**

For use with Lubra™ Plates / includes bolt, washer and nut

- 1106-940 1/2"
- 1106-945 3/4"
- 1106-946 1"



Hex Head Available

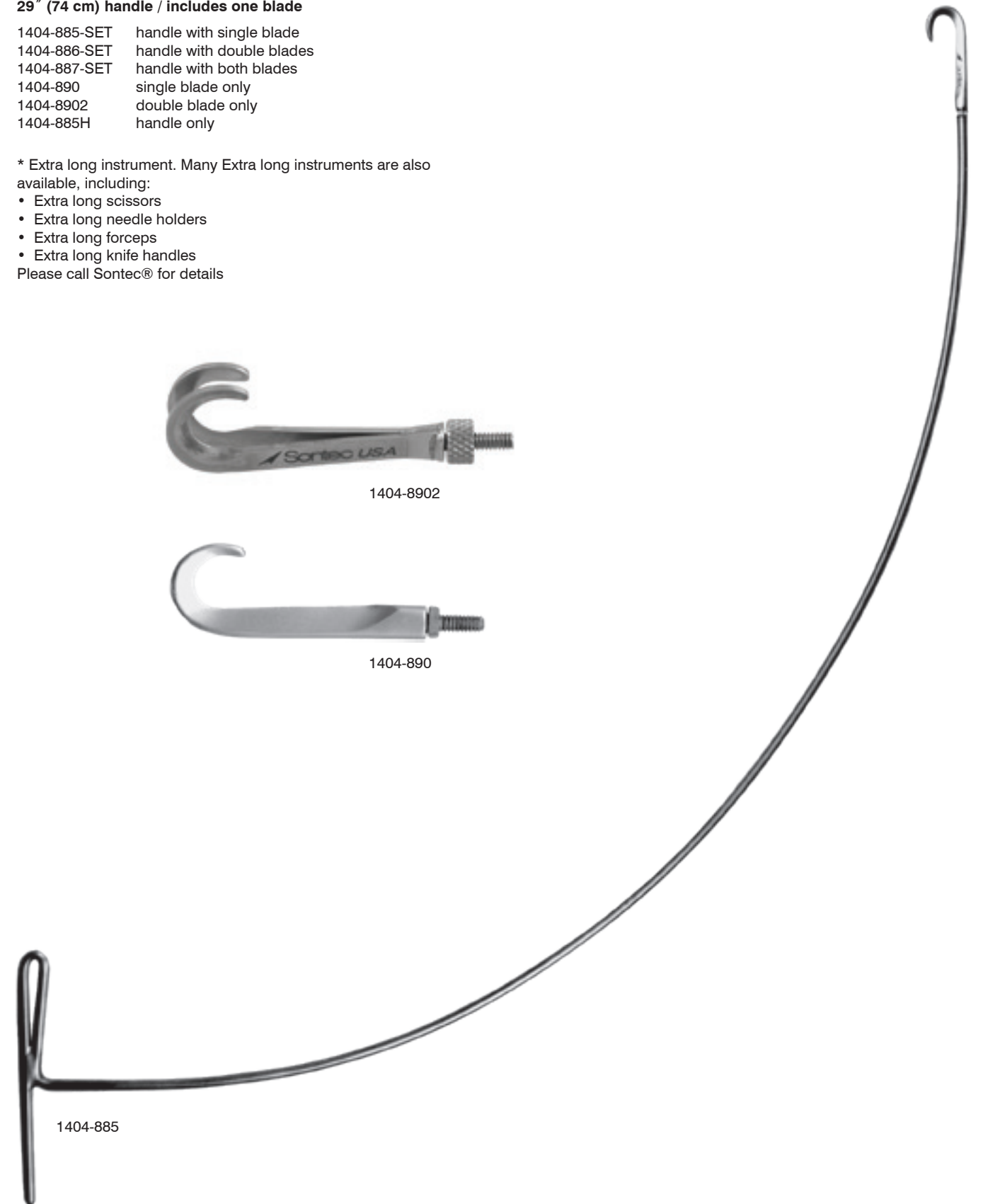
**Equine Epiglottis Entrapment Knife**

29" (74 cm) handle / includes one blade

- 1404-885-SET handle with single blade
- 1404-886-SET handle with double blades
- 1404-887-SET handle with both blades
- 1404-890 single blade only
- 1404-8902 double blade only
- 1404-885H handle 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



**Serra Modified Emasculator**

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



**Reimer Emasculator**

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



**Embertson Esophageal Epiglottis Scissors**

30" (75 cm) long / Metzenbaum tip / curved shaft  
1404-883B curved shaft black coated  
1404-883BM curved shaft black coated malleable  
1404-883BH curved shaft black coated  
1404-884BM straight shaft black coated malleable



**Esophageal Epiglottis Hook Scissors**

30" (75 cm) long / curved shaft  
1404-882B black coated  
1404-882BM malleable



**Harrison Needle Holder**

TC serrated / stainless / round handle / with lock  
1103-889 6" (15 cm)  
1103-890 7 1/4" (18.5 cm)



**University of Pennsylvania Equine Biopsy**

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

1100-728

1100-728S detachable handle 360° rotating shaft



**Cerclage Wire**

Stainless steel

1106-629	18 gauge	1106-623	25 gauge
1106-628	19 gauge	1106-622	27 gauge
1106-627	20 gauge	1106-621	30 gauge
1106-626	21 gauge	1106-620	36 gauge
1106-625	22 gauge	1106-619	24 gauge
1106-624	23 gauge	1106-618	26 gauge



**Shanz Pin**

Package of 6 / partially threaded / 45 mm thread length / 5 mm diameter

1106-631	6" (15.5 cm)
1106-632	6 3/4" (16 cm)
1106-633	8" (20.5 cm)
1106-634	10" (25.5 cm)



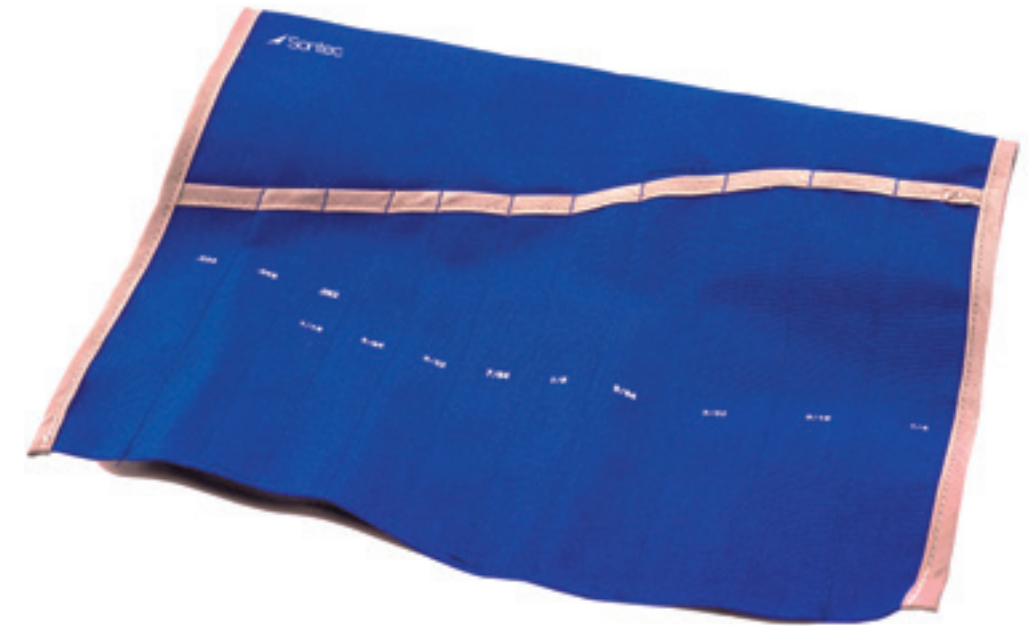
**Steinmann Trocar Pin Kit Deluxe**

Comes with autoclavable pin bag

1106-730 set

Set includes:

0.9 mm	k-wire	6 each
1.1 mm	k-wire	6 each
1.6 mm	k-wire	6 each
1.6 mm	IM pin	4 each
2.0 mm	IM pin	4 each
2.3 mm	IM pin	6 each
2.6 mm	IM pin	6 each
3.0 mm	IM pin	6 each
3.4 mm	IM pin	6 each
3.8 mm	IM pin	6 each
4.5 mm	IM pin	4 each
6.0 mm	IM pin	4 each



**External Fixator TPLO Set**

Set includes rack, nut, screw, rod and allen wrench

- 1106-990 2.7 mm
- 1106-992 3.5 mm



**Scudder Intestinal Clamp**

Heavy / 22" (55.88 cm)

1404-895



Double screw end / 22" (55.88 cm)

1404-897



**Stainless Steel Feeding & Dosing Cannula**

Needles for Veterinary Use adapted for flushing and injection procedures in small animals, including:  
 Treating feline urologic syndrome / flushing ear canal / rectal flushing and injection / many other innovative uses

**Straight**

Item #	Length	Gauge	Ball Size
1103-750	1 1/2" (4 cm)	22	2.4 mm
1103-752	1 1/2" (4 cm)	20	2.4 mm
1103-754	2" (5 cm)	18	2.4 mm
1103-756	3" (7.5 cm)	16	3.0 mm
1103-758	3" (7.5 cm)	14	4.0 mm
1103-760	4" (10 cm)	12	6.4 mm
1103-762	6" (15 cm)	10	6.4 mm



**Curved**

Item #	Length	Gauge	Ball Size
1103-770	1 1/2" (4 cm)	22	2.4 mm
1103-772	1 1/2" (4 cm)	20	2.4 mm
1103-774	2" (5 cm)	18	2.4 mm
1103-776	3" (7.5 cm)	16	3.0 mm
1103-778	3" (7.5 cm)	14	4.0 mm
1103-780	4" (10 cm)	12	6.4 mm
1103-782	6" (15 cm)	10	6.4 mm



**3.0 mm Micro External Fixator Set**

1106-970-SET set

- Set includes:  
 8 locks (1106-971)  
 8 screws (1106-974)  
 1 allen wrench (1106-975)  
 10 k-wire pins (1106-972)  
 2 rods (1106-973) OR (1106-973C)

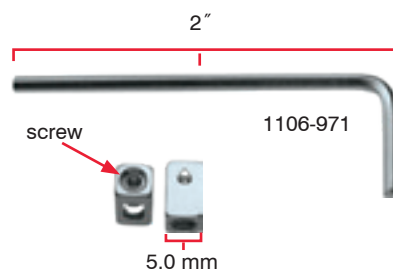
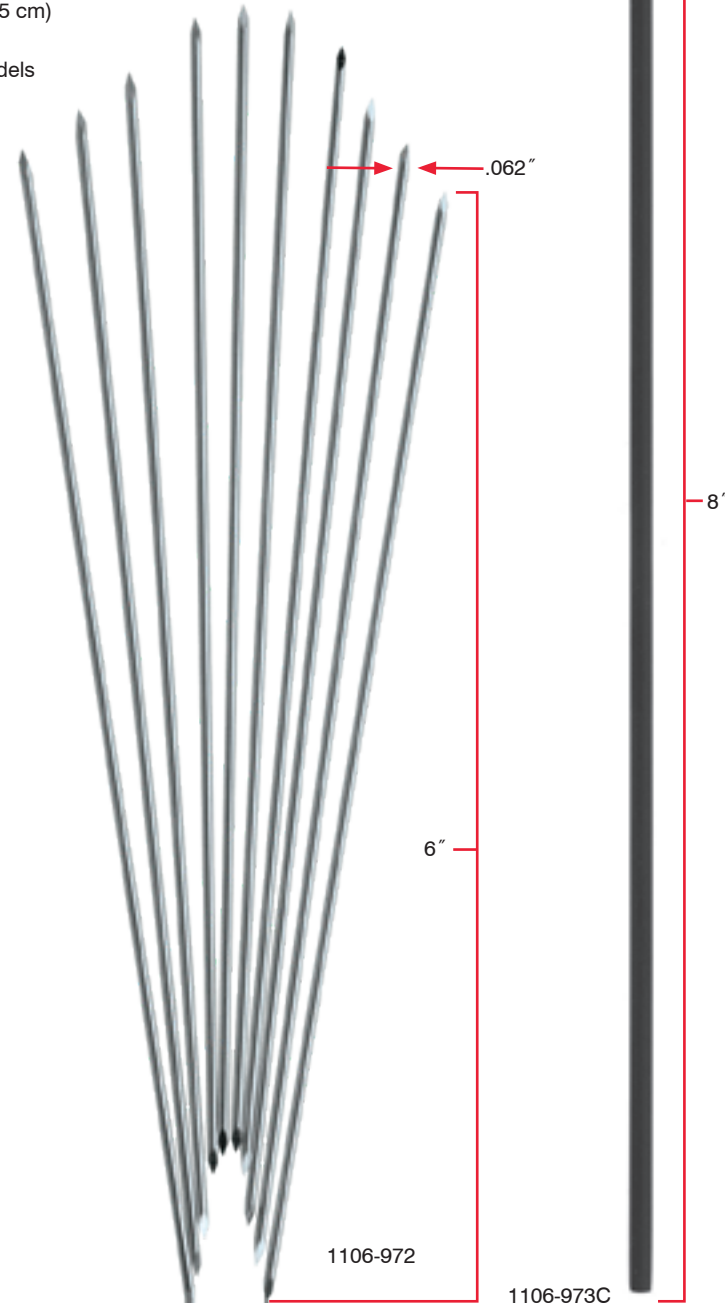
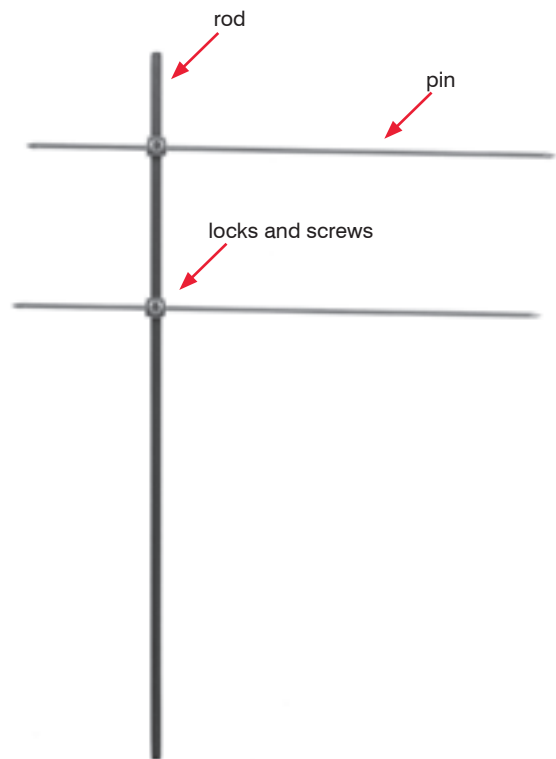


3.0 mm

**For reordering individual parts:**

1106-971	1 lock	5.0 mm		
1106-972	10 k-wire pins	.062"	smooth double tocar	6" ( 15 cm)
1106-973	2 rods	3.0 mm	stainless steel serrated	8" (20.5 cm)
1106-973C	2 rods	3.0 mm	carbon fiber	8" (20.5 cm)
1106-974	1 screws	3.0 mm		
1106-975	1 allen wrench			2" (5 cm)

\* K-wires and Pins may be ordered with threading and/or other models



1106-972

1106-973C

8"

6"

**4.0 mm Micro External Fixator Set**

1106-980-SET set

- Set includes:  
 8 locks (1106-981)  
 8 screws (1106-984)  
 1 allen wrench (1106-985)  
 10 k-wire pins (1106-982)  
 2 rods (1106-983) OR (1106-983C)

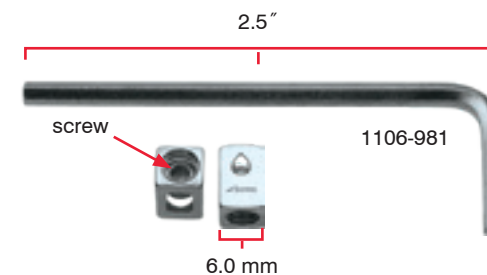
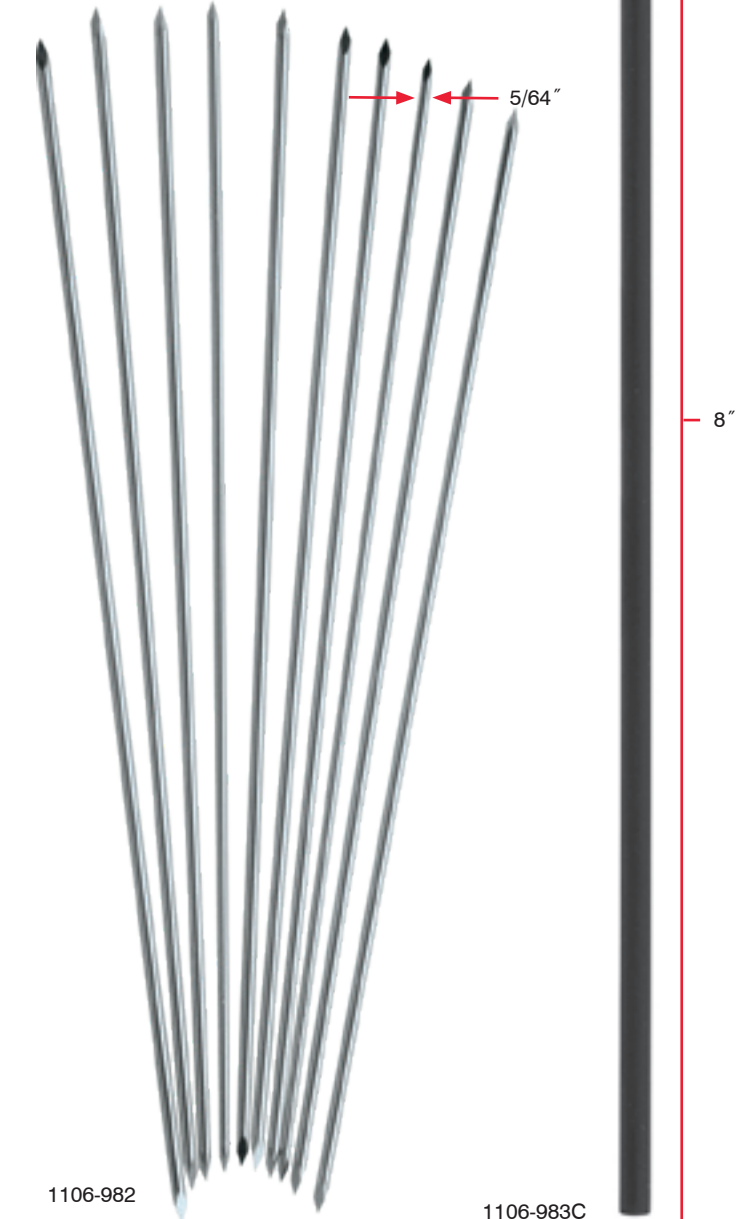
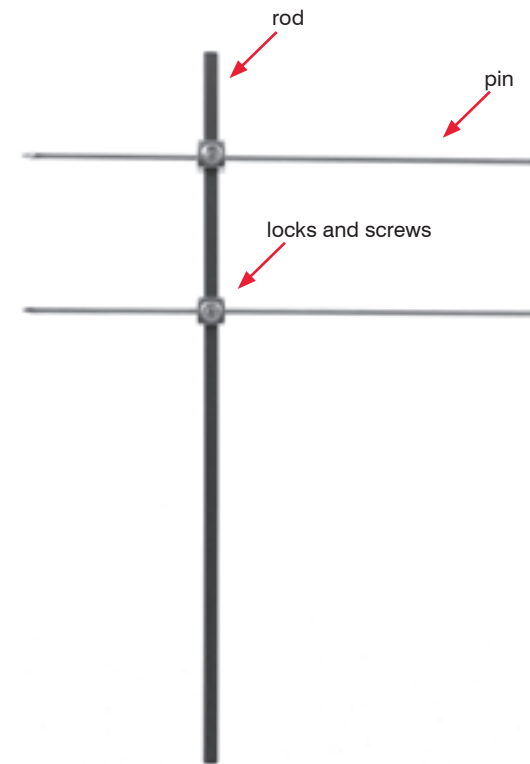


4.0 mm

**For reordering individual parts:**

1106-981	1 lock	4.0 mm		
1106-982	10 Steinmann pins	5/64"		6" ( 5 cm)
1106-983	2 rods	4.0 mm	stainless steel serrated	8" (20.5 cm)
1106-983C	2 rods	4.0 mm	carbon fiber	8" (20.5 cm)
1106-984	1 screw	4.0 mm		
1106-985	1 allen wrench			2" (5 cm)

\* K-wires and Pins may be ordered with threading and/or other models



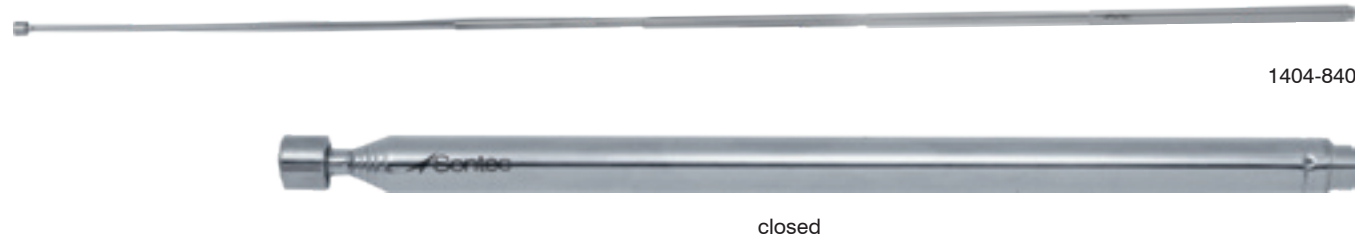
1106-982

1106-983C

8"

**Telescoping Metal Fragment Retriever**

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



1404-840

closed

**Universal Magnet for Retrieval/Demagnetizing**

1404-841 tubular handle 6" (15 cm)  
1404-841P phenolic handle 7" (18 cm)



1404-841



1404-841P

**Virginia Roaring Burr Short**

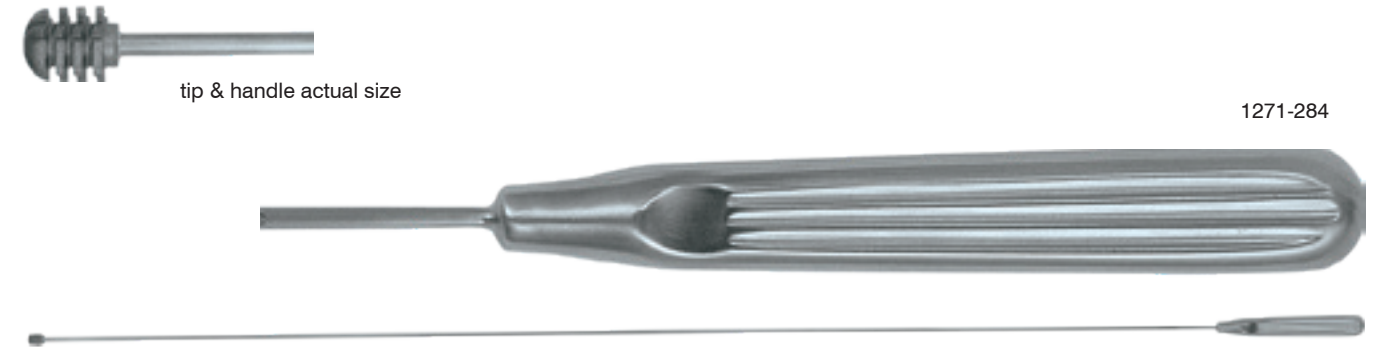
9" (23 cm)  
1271-281D right clockwise is for the left ventricle  
1271-282 left counter clockwise is for the right ventricle



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

1271-284

**Hobday's Roaring Retractor**

Self-retaining  
1101-560 standard 25 mm blades  
1101-561 long 40 mm blades



1101-561

**Depth Gauge**

6 1/4" (16 cm) /  
Screw size 2.4 - 4.0 /  
10 mm - 60 mm

355-162

8 3/4" (22 cm) /  
Screw size 3.5 - 6.5 /  
10 mm - 90 mm

355-163

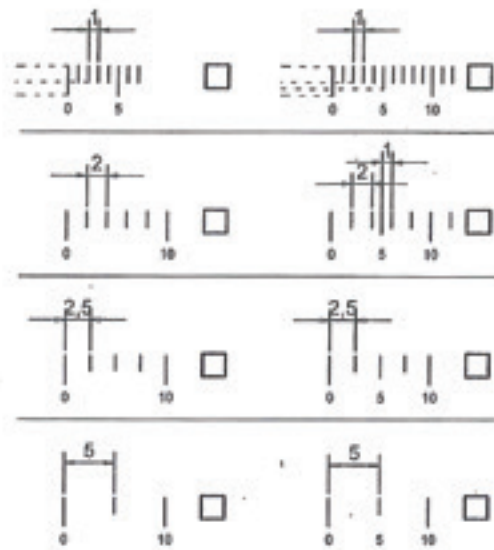
Screw size 3.5 - 6.5 /  
10 mm - 120 mm

355-163L



1.) Scale

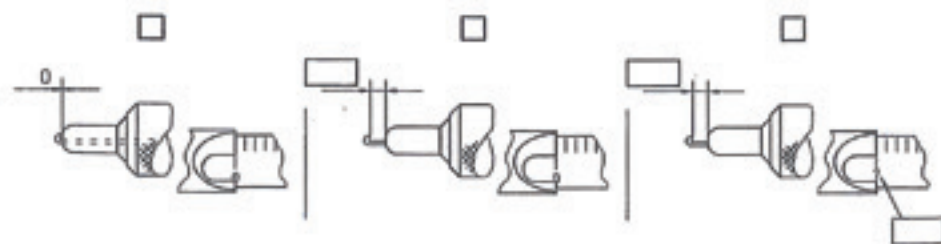
a.) Scale gradations  
please mark your desired scale design



b.) length of scale    \_\_\_ mm  
                                  \_\_\_ mm

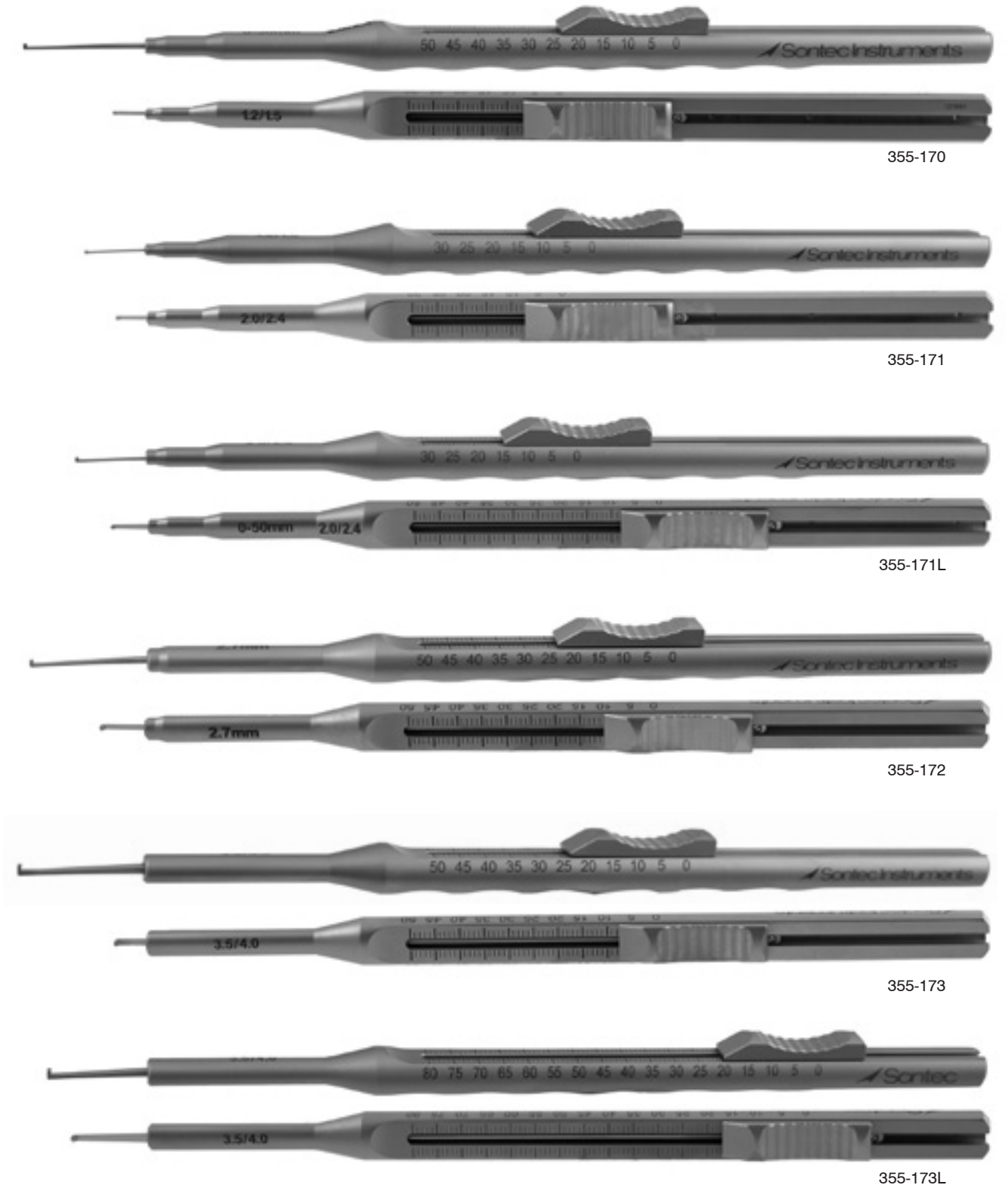
c.) customized scale (please add your drawing)

2.) Distance dimension of zero-point to the tip distance



**Depth Gauge EZ Clean**

355-170	1.2/1.5mm	screw size 0-30mm
355-171	2.0/2.4mm	screw size 0-30mm
355-171L	2.0/2.4mm	screw size 0-50mm
355-172	2.7mm	screw size 0-50mm
355-173	3.5/4.0mm	screw size 0-50mm
355-173L	3.5/4.0mm	screw size 0-80mm



**Mini Depth Gauge**

Screw size 1.5 / 10 mm - 30 mm  
355-161



355-161

**Taylor Micro Arthroscopic Pick**

Straight / 1.2 mm / 8" (20 cm)  
1271-120



1271-120

**Daniel Nasal Awl**

6 1/4" (10.8 cm)  
467-414



467-414

**Liska Awl**

T- handle / 3" shaft  
1271-342



1271-342

**Sontec® Bone Hook**

9" (23 cm)  
320-925 small  
320-930 medium  
320-935 large



320-930

**Miller Skin Rake Retractor**

5" (12.5 cm)

199-480	9 prong	sharp
199-481	9 prong	blunt
199-482	6 prong	sharp
199-483	6 prong	blunt



199-481

**Blair Hook Retractor**

Four prongs / 5" (12.5 cm)

205-847	sharp
205-848	blunt



205-848

**Knapp Rollet Hook Retractor**

4 prongs / 5" (12.5 cm)

205-844	sharp
205-846	blunt

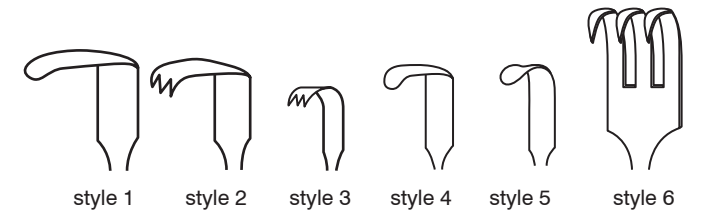


205-844

**Meyerding Finger Retractor**

7" (18 cm)

205-856	style 1
205-857	style 2
205-858	style 3
205-859	style 4
205-860	style 5
205-861	style 6



205-857



205-858



205-861

**Lukens Thymus Retractor**

7" (18 cm)

502-409



502-409

**Sontec Tissue Twist Hook**

5 1/2" (14 cm)  
199-372



199-372

**Frazier Skin Hook**

5" (12.5 cm)  
199-380 sharp  
199-382 blunt



199-380

**Hartman Ear Hook**

6 1/4" (15.9 cm)  
467-441



467-441

**Tyrell Skin Hook**

5" (12.5 cm)  
199-385 sharp  
199-387 blunt



199-385

**Gillies Skin Hook**

7" (18 cm)  
199-390 large  
199-391 small



199-391

**Gillies Skin Hook Titanium**

Small / sharp / 6 1/2" (16.5 cm)  
199-384T

Large / sharp / 6 1/4" (15.9 cm)  
199-3841T



199-384T

199-3841T

**Cottle Double Skin Hook**

Sharp / 5 1/2" (14 cm)  
199-394



199-394

**Cottle Skin Hook**

5 1/2" (14 cm)  
199-393A angled  
199-393B shallow curve  
199-393C deep curve



angled shallow curve deep curve

6 1/4" (15.9 cm)  
199-392 angled  
199-392A angled 180°



199-393C

199-392

199-392A

**Cottle Skin Hook Titanium**

Angled 180° / 17.5 cm / 7" (17.8 cm)  
199-392T



199-392T

**Cottle Skin Hook Titanium**

Angled 180° / 6 1/4" (15.9 cm)  
199-3921T



199-3921T

**Freer Double Skin Hook**

2.5 mm wide / 6" (15 cm)  
199-395 sharp  
199-396 blunt



199-395

**Sontec Freer Skin Hook Titanium**

Flat handle / 2 sharp prongs / 3 mm wide / 6" (15 cm)  
199-402T



199-402T

**Lockhart Mummy Fistula Probe**

With eye hole at tip / 6 1/2" (16.5 cm)

- 15-0230 #1 straight
- 15-0231 #2 45° curve
- 15-0232 #3 90° curve
- 15-0233 #4 hook



15-0230

15-0231

15-0232

15-0233

**Grooved Director Tongue Tie**

- 197-690 4 1/2" (11.5 cm)
- 197-691 5" (12.5 cm)
- 197-692 5 1/2" (14 cm)
- 197-693 6" (15 cm)
- 197-694 7" (17.8 cm)
- 197-695 8" (20 cm)

With probe point

- 197-700 4 1/2" (11.5 cm)
- 197-701 5" (12.5 cm)
- 197-702 5 1/2" (14 cm)
- 197-703 6" (15 cm)
- 197-704 7" (17.8 cm)
- 197-705 8" (20 cm)



197-701

**Larry Fistula Probe**

Grooved director / 6" (15 cm)

508-544



508-544

**St. Marks Fistula Probe**

Curved / 7" (18 cm)

508-541



508-541

**Buie Fistula Probe**

Sterling silver shaft / 5 3/8" (13.5 cm)

508-536

508-538 heavy



508-536

**Barr Fistula Probe**

11" (28 cm)

508-542 w/ eye at tip

508-543



508-543

**Barr Double Ended Probe**

Double-ended / 7" (18 cm)

508-547



508-547

**Davis Gallstone Scoop**

Double-ended / oval cup / oval cup / blunt

- 1100-521S 5 1/2" (14 cm)
- 1100-521 6 1/2" (16.5 cm)
- 1100-521L 8" (20 cm)



1100-521



1100-521S



1100-521



1100-521L

**Ferguson Gallstone Scoop**

Double-ended / oval cup / oval cup / blunt / 9 1/2" (24 CM)

- 150-239 small
- 150-241 medium
- 150-243 large



150-239

**Bone Grinder**

355-265



355-265

**Cartilage Cutting Block Titanium**

120mm x 120mm x 15mm  
350-8453T



350-8453T

**Segmented Adjustable Aluminum Retractor**

5 1/2" x 5 1/2"

- 516-770 frame only
- 516-771 single prong elastic retractor hook 8-pack



516-771



516-770



 Sontec Instruments®

Dental

**Warwick James Root Elevator**

Straight / 6" (15 cm)  
1102-WJ-S



1102-WJ-S

**Slimline Back Bent Elevator**

RTH2 handle style / #100C / 6" (15 cm)  
1102-100C



1102-100C

**Dental Root Tip Elevator**

1.3mm tip / 6" (15 cm)  
1102-1.3S straight  
1102-1.30C outside-bent curved



1102-1.3S



1102-1.30C

**Root & Fragment Dental Extracting Forceps**

TC dust / serrated / upper & lower / #69 / 6" (15 cm)  
1100-600



1100-600

**Sontec Dental Bone Cutting Forceps**

Small / 6" (15 cm)  
1100-584

Large / 6 1/2" (16.5 cm)  
1100-584A



1100-584



1100-584



1100-584A

**Winged Dental Elevator Set Short Handle**

5 1/4" (13 cm)

- 1103-389H .75 mm
- 1103-389J 1.0 mm
- 1103-389X 1.5 mm delwng2
- 1103-389A 2 mm delwng2
- 1103-389B 3 mm delwng3
- 1103-389C 4 mm delwng4
- 1103-389D 5 mm delwng5
- 1103-389E 6 mm delwng6
- 1103-389F 7 mm delwng7
- 1103-389G 8 mm delwng8



1103-389D

Additional options available upon request

- A. available with TC dust
- B. available with serrations

**Winged Dental Elevator Set Classic Handle**

Slim head design / 5 1/2" (14 cm) / v-notch

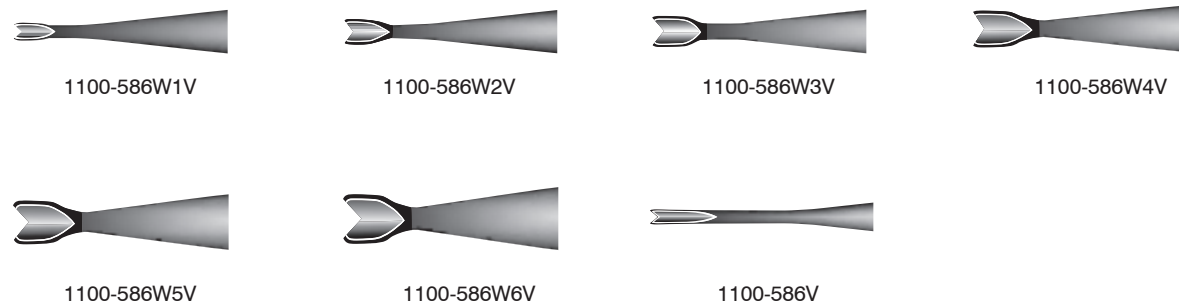
- 1100-586W1V size 1
- 1100-586W2V size 2
- 1100-586W3V size 3
- 1100-586W4V size 4
- 1100-586WSV set with sizes 1-4
- 1100-586W5V size 5
- 1100-586W6V size 6
- 1100-586W7V size 7
- 1100-586W8V size 8
- 1100-586V V notched EX 5H

Additional options available upon request

- A. available with TC dust
- B. available with serrations



1100-586W4V



**Winged Dental Elevator Set Classic Handle**

Slim head design / 5 1/2" (14 cm)

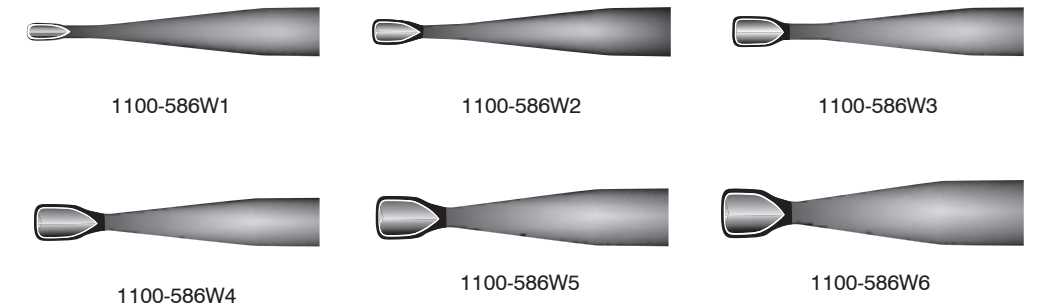
- 1100-586W.75 0.75 mm
- 1100-586W1.5 1.5 mm
- 1100-586W1 1 mm
- 1100-586W2 2 mm
- 1100-586W3 3 mm
- 1100-586W4 4 mm
- 1100-586WS set with sizes 1-4
- 1100-586W5 5 mm
- 1100-586W6 6 mm
- 1100-586W7 7 mm

Additional options available upon request

- A. available with TC dust
- B. available with serrations



1100-586W4



**Dental Elevator Set Classic Handle**

5 1/2" (14 cm)

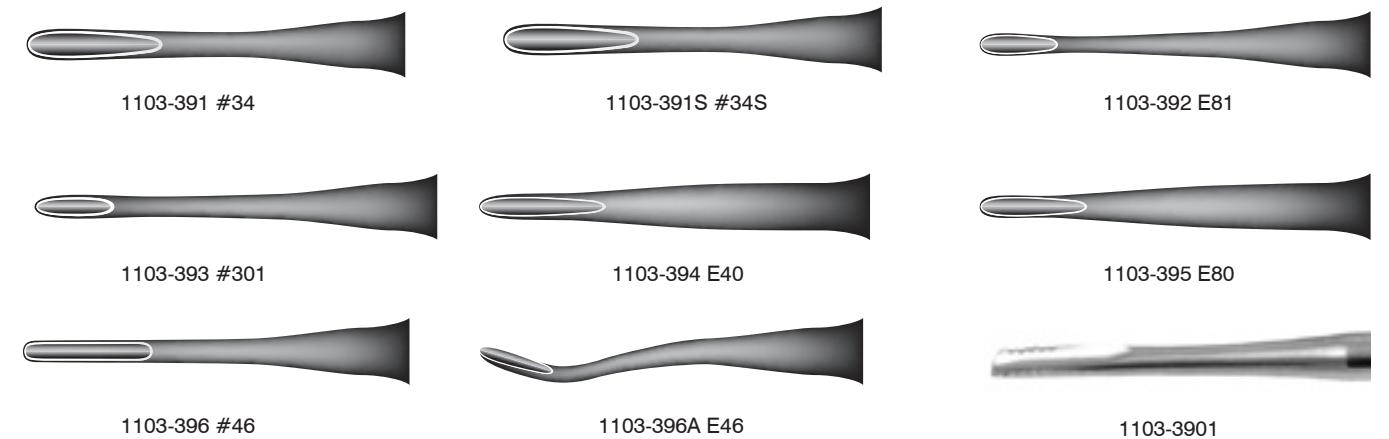
- 1103-3901 DEL4 serrated tip
- 1103-391 34
- 1103-391S 34S
- 1103-392 E81
- 1103-393 301
- 1103-394 E40
- 1103-395 E80
- 1103-396 46
- 1103-396A E46

Additional options available upon request

- A. available with TC dust
- B. available with serrations



1103-395



### Chisel Edge EX-16 Dental Elevator

1 edge serrated / EX 16 / 6" (15 cm)

- 1103-397 EX-16 curved out
- 1103-398 EX-15 curved in

Additional options available upon request

- A. available with TC dust
- B. available with serrations



1103-397

### Dental Luxating Elevator Short Handle

Short handle / blade head design / 5" (12.5 cm)

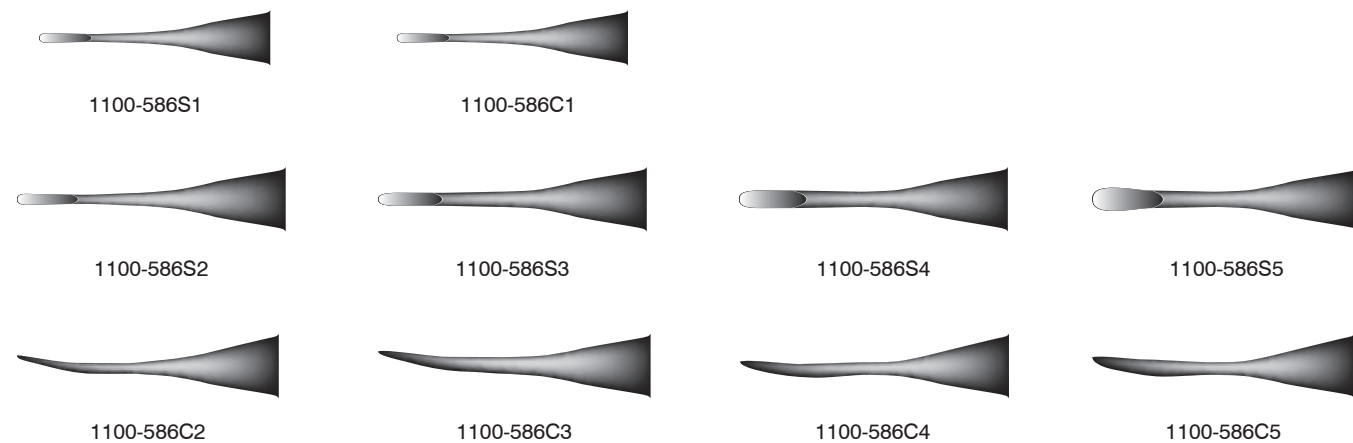
- 1100-586-SET all the elevators below (1 each) with tray 1103-715
- 1100-5860-SET all the elevators below (1 each) without tray
- 1100-586S1 straight 1.5 mm
- 1100-586C1 curved 1.5 mm
- 1100-586S2 str 2 mm
- 1100-586C2 cvd 2 mm
- 1100-586S3 str 3 mm
- 1100-586C3 cvd 3 mm
- 1100-586S4 str 4 mm
- 1100-586C4 cvd 4 mm
- 1100-586S5 str 5 mm
- 1100-586C5 cvd 5 mm

Additional options available upon request

- A. available with TC dust
- B. available with serrations



1100-586S5



### Hirschfeld Periosteal Dental Elevator

Hirschfeld #20 / sharp "hatchet" shaped 3.5mm straight blade / flat 4mm round tip blade

1102-CPLH20



1102-CPLH20

### Unique Dental Periosteal Elevator Set

- 1102-EX-SET
- 1102-REEP24G EX-7
- 1102-EX9 EX-9
- 1102-EX9M EX-9M
- 1102-EPGAR2 EX-8



1102-REEP24G



1102-EX9



1102-EX9M



1102-EPGAR2

### Periosteal Elevator

Double-ended / small

- 1102-EX19 7"
- 1102-EX51 7 1/4"



1102-EX19



1102-EX51

**Dental Periosteal Elevator**

Double-ended / OHL  
1103-320



1103-320

**Molt Periosteal Dental Elevator**

1103-310 Molt  
1103-337 MX 2/4  
1103-340 EX-1  
1103-339A EX-6  
1103-583 CS M-9



1103-310



1103-337



1103-340



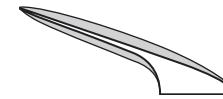
1103-339A



1103-583

**Tooth Splitting & Separating Extracting Forceps**

Upper & lower / 7" (18 cm) / #6  
1100-602



1100-602

**Tartar Remover Forceps**

TC dust  
1103-357 small 4 1/2" (11.5 cm)  
1103-358 large 5 1/2" (14 cm)



1103-357

**Blumenthal Oral Surgery Rongeur**

Tapered jaw / delicate / 4 1/2" (11.5 cm)  
315-500M 30° angle  
315-501M 45° angle

Tapered jaw / 6" (15 cm)  
315-500 30° angle  
315-501 45° angle



315-501

**Root Extracting Forceps**

#300 / TC dust / micro 1.5 tip / cross-serrated / s-curved / with spring

1103-348

#300 / micro 1.5 tip / cross serrate / straight handle

1103-348S



**Pedo Extracting Forceps**

TC dust / serrated / for teeth & roots / 4 3/4" (12 cm)

1103-350 upper

1103-351 lower



**Mini Pedo Extracting Forceps**

TC dust / serrated / for teeth & roots / upper / 4 3/4" (12 cm)

1100-599



**Dental Micro Fragment Forceps**

Angled / with spring / 5" (13 cm)

1100-595



**Micro Pedo Extracting Forceps**

With ergonomic handle / TC dust / serrated / for teeth & roots / 4 3/4" (12 cm)

1103-353 upper  
1103-352 lower



1103-353



1103-352

**Dental Corn Forceps**

Ring tip / 6" (15 cm)

1103-346



1103-346

**Hooks / Probes / Explorer / Curette / Scalers Handle Styles**

Please choose your preferred handle



Single ended Light Handle



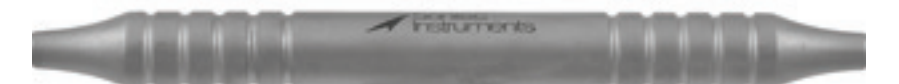
Double ended Light Handle



Single ended Standard Handle



Double ended Standard Handle



Double ended Light Handle

**Double-ended Dental Explorer**

**#3DE**

1102-REEX3DE light handle  
1102-EX3DE standard handle



**#3 Cow Horn**

1102-REEX3CH light handle  
1102-EX3CH standard handle



**Old Dominion University #11-12**

1102-REEX11-12 light handle  
1102-EX11-12 standard handle



**Old Dominion University #11-12L/  
extended terminal shanks**

1102-REEX11-12L light handle  
1102-EX11-12L standard handle



**Double-ended Endodontic**

**#DG16**

1102-REEX16 light handle  
1102-EX16 standard handle



**#DG16-23**

1102-REEX16-23 light handle  
1102-EX16-23 standard handle



**Double-ended Dental Explorer/Probe  
Combination**

**W-23 / non-color coded William Probe- 1-2-3-5-7-8-9-  
10mm marking / #23 Shepherd's Hook Explorer**

1102-REPW23 light handle  
1102-PW23 standard handle



**OW-23 / color coded William Probe- 1-2-3-5-7-8-9-  
10mm marking / #23 Shepherd's Hook Explorer**

1102-REPCOW-23 light handle  
1102-PCOW23 standard handle



**N12-23 / color coded UNC screening probe- 1-2-3-4-5-6-7-  
8-9-10-11-12mm markings / #23 Shepherd's hook explorer**

1102-REPCN12-23 light handle  
1102-PCN12-23 standard handle



**N15-23 / color coded UNC screening probe- 1-2-3-4-5-6-7-  
8-9-10-11-12-13-14-15mm marking / #23 Shepherd's hook  
explorer**

1102-REPCN15-23 light handle  
1102-PCN15-23 standard handle



**WHO-23 / color coded "PSR" ball tip screening probe- 3.5-  
5.5-8.5-11.5mm markings / #23 Shepherd's hook explorer**

1102-REPCWHO-23 light handle  
1102-PCWHO-23 standard handle



**Sickle/Curette Combinations**

**Sickle/Spoon #1 / sickle- small size, medium-reach, 0.8mm blade,  
tapers to a point / spoon- long-reach, contra-angle, 2mm blade**

1102-RESCN1 light handle  
1102-SCN1 standard handle



**Sickle N5-Curette #48 / N5- moderate size, medium-reach, 0.9mm  
blade, tapers to a point / #48- small, contra-angle, 2mm blade**

1102-RESCN5-48 light handle  
1102-SCN5-48 standard handle



**Towner U15-Curette #47 / U15- large size, long-reach, 1mm blade,  
tapers to a point / #47- medium contra-angle, 2.5mm blade**

1102-RESCU15-47 light handle  
1102-SCU15-47 standard handle



**Towner U15-Kirland #13 / U15- large size, long-reach, 1mm blade,  
tapers to a point / #13- large contra-angle, 3.5mm blade**

1102-RESCU15-K13 light handle  
1102-SCU15-K13 standard handle



**Lingual Curette**

**Anterior Lingual Stain Remover (ALSR) / curette- contra-angled,  
2mm blade / spoon- contra-angled, 2mm blade**

1102-RESCALSR light handle  
1102-SCALSR standard handle



**Cumine #152 / large spoon / sickle**

1102-RESCCUMINE light handle  
1102-SCCUMINE standard handle



**Contra-angle Curette #45-46A / opposing 10° cutting edge  
angles / 2.5mm blades / contra-angle shanks**

1102-RESC45A-46A light handle  
1102-SC45A-46A standard handle



**Straight Curette #45-46 / opposing 10° cutting edge angles /  
2.5mm blade / straight shank**

1102-RESC45-46 light handle  
1102-SC45-46 standard handle



**Orban Hoe #7-9 / mirror image curette / 1.5mm blades /  
12mm long shank / 35° angled**

1102-RESCO7-9 light handle  
1102-SCO7-9 standard handle



**Jacquettes Anterior Scaler**

**Jacquette #1-1S / large & small combination / large- 5mm  
long, 1mm blade, tapers to a point / small- 4mm long, 0.9mm  
blade tapers to a point**

1102-RESCJ1-1S light handle  
1102-SCJ1-1S standard handle



**Morse #0-00 / both tips-straight shank, very fine Jacquette  
blades / #0- 3.5mm long, 0.7mm blade, tapers to a point /  
#00- 2mm long, 0.6mm blade, tapers to a point**

1102-RESCM0-00 light handle  
1102-SCM0-00 standard handle



**Jacquettes/Sickle Combinations**

**Goldman Fox 21S / Jacquette- 4mm long, 0.7mm blade, tapers to a point / U15- long-reach, 1mm blade, tapers to a point**

1102-RESC21S-U15 light handle  
1102-SC21S-U15 standard handle



**Jacquette #1S-Sickle N5 / #1S-small size, straight blade, 0.9mm blade, tapers to a point / N5- moderate size, medium-reach, 0.9mm blade, tapers to a point**

1102-RESCJ1S-N5 light handle  
1102-SCJ1S-N5 standard handle



**Jacquette #1S- Towner U15 / #1S- small size, stright, 0.9mm blade, tapers to a point / U15- long-reach, 1mm blade, tapers to a point**

1102-RESCJ1S-U15 light handle  
1102-SCJ1S-U15 standard handle



**Jacquettes Posterior Scaler**

**Jacquette #2-3 / both blades 5mm long, 1mm blade**

1102-RESCJ2-3 light handle  
1102-SCJ2-3 standard handle



**Jacquette #2S-3S / both blades 4mm long, 0.9mm blades**

1102-RESCJ2S-3S light handle  
1102-SCJ2S-3S standard handle



**Sickles Posterior Scaler**

**Sickle #157-158 / mirror image blades / long-reach shank / 40° / 5mm reach / 0.8mm blade**

1102-RESC157-158 light handle  
1102-SC157-158 standard handle



**Sickle #204 / mirror image blades / long-reach shank / 30° / 5mm reach / 0.8mm blade**

1102-RESC204 light handle  
1102-SC204 standard handle



**Sickle #204 "Indiana Univeristy-Fort Wayne" / mirror image blades / long-reach shank / 30° / 5.5 mm reach / 0.9mm blade**

1102-RESC204IUFW light handle  
1102-SC204IUFW standard handle



**Sickle #204S / mirror image blades / short-reach shank / 40° / 4.5mm reach / 0.9mm blade**

1102-RESC204S light handle  
1102-SC204S standard handle



**Sickle #204SD "Distal" / mirror image blades / short-reach shank / 25° / 4.5mm reach / 0.9mm blade**

1102-RESC204SD light handle  
1102-SC204SD standard handle



**#129 Anterior/ Posterior Sickle / mirror image blades / medium-reach shank / 10mm reach / 0.8mm blades / tapers to a point**

1102-RESCN129 light handle  
1102-SCN129 standard handle



**Dental Scaler**

**Single-ended**

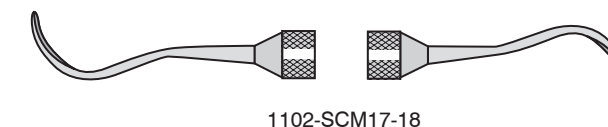
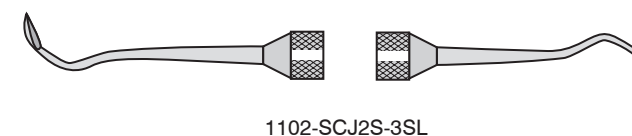
1102-SCJ2S Jacquette



**Dental Scaler/Curette**

**Double-ended**

1102-SCJ2S-3SL Jacquette  
1102-SCM17-18 McCall  
1102-SCGR13-14 Gracey #13-14 all distal surface / 0.9 mm reach



**Baylor Tactile Tone Periodontal Probe**

**Double-ended / 6 1/2"**

1102-EEB12

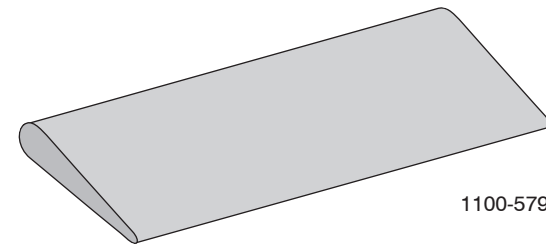


**India Sharpening Stone**

Medium / 4 1/4" x 1" x 3/4" x 3/8" / SS5

1100-579

\*use to keep your elevators burr free.



1100-579

**Arkansas Sharpening Stone**

Hard / 4" x 2 1/2"

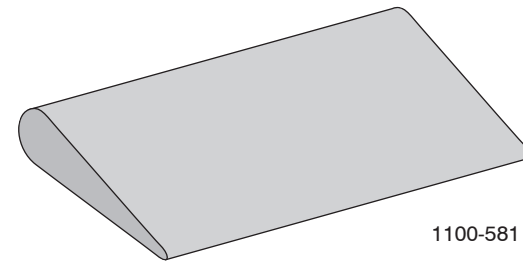
1100-581 SS6

1100-581A SS1

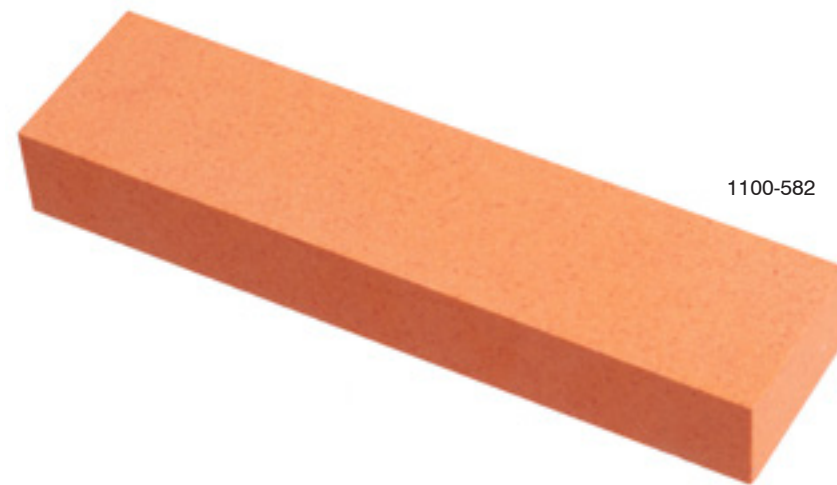
Hard / 4" x 1" / SS2

1100-582

\*use to keep your elevators burr free.



1100-581



1100-582

**Heavy Tartar Hoe**

Double ended / P35

1103-329



1103-329

**Spring Mouth Gag**

**Feline**

1103-299 extra small 1 1/8" (3.2 cm)

1103-300 small 2 1/2" (6.5 cm)

1103-301 large 3" (7.5 cm)

**Canine**

1103-302 small 4 1/4" (11.5 cm)

1103-303 medium 5 3/4" (14.5 cm)

1103-304 large 6 3/4" (17 cm)



1103-299



1103-300



1103-303

**Small Animal Dental**

TC Serrated / 7" (18 cm)

1103-371



1103-371

**Grooved Diamond Coated Dental Rasp**

Curved / fine grit / 7 1/2" (19.1 cm)

- 1103-379 3 mm x 22 mm
- 1103-378 4 mm x 22 mm



1103-379

Curved / medium grit / 7 1/2" (19.1 cm)

- 1103-378M 4 mm x 22 mm
- 1103-379M 3 mm x 22 mm

**Classic Bayonet Dental Rodent Rasp**

7" (18 cm)

- 1103-372 fine
- 1103-374 medium



1103-372

**Rodent Molar Extractor Forceps**

6 1/2" (16.5 cm)

- 1103-308



1103-308

**Rodent Molar Cutter**

Spring handle / 7 1/4" (18.5 cm)

- 1103-370



1103-370

actual size

**Rodent-Classic Wolf Tooth Cutting Forceps**

TC / 7" (18 cm)

- 1103-368 regular
- 1103-369 heavy



1103-368

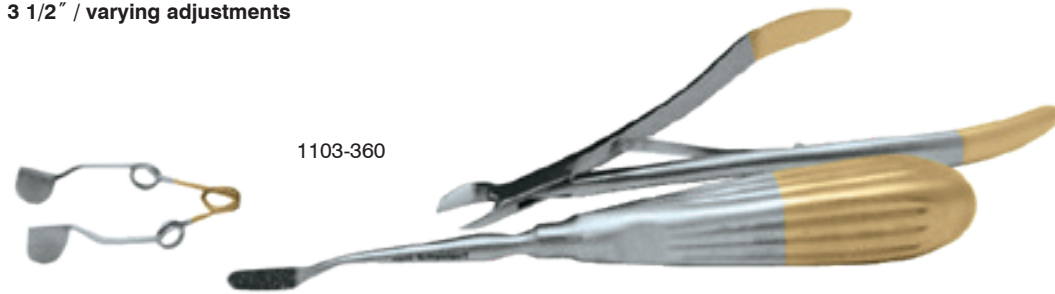
**Rodent Tooth Cutting Set**

- 1103-360 includes:  
 1103-376 Rodent Table Retractor Restrainer  
 1103-362 Cheek Spreader, delicate  
 1103-368 Tooth Cutting Forceps, TC serrated  
 1103-372 Diamond Coated Tooth Rasp

**Rodent Table Retractor Restrainer**

Base: 8 1/2" x 7 3/4" / platform: 5 3/8" x 9 7/8" /  
 maximum spread: 3 1/2" / varying adjustments  
 possible

1103-376



**Rodent Incisor Luxator**

Double-ended / 6 1/4" (16 cm)

1103-385



**Crossley Molar Luxator**

Double-ended / 6 1/4" (16 cm)

1103-386



**Rodent Dental Spatula**

7" (18 cm)

1103-390



**Wellace Rodent Mouth Spreader**

Fenestrated blade / 4 1/2" (11.5 cm)

1103-380



1103-380

**Weitlaner Rodent Mouth Spreader**

Fenestrated blade / 4 1/2" (11.5 cm)

1103-382



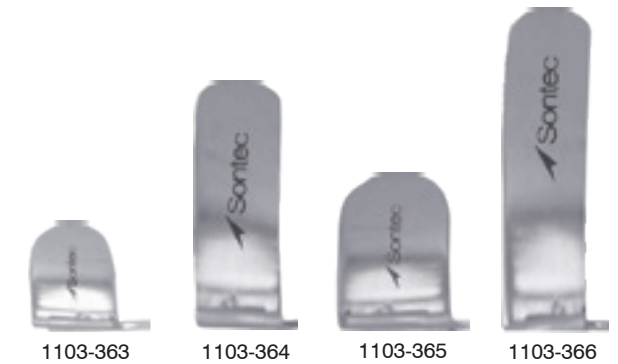
1103-382

**Rodent Cheek Spreader Set**

1103-362	delicate	9 mm x 8 mm blades	
1103-363	small	10 mm x 14 mm blades	
1103-364	long	11 mm x 30 mm blades	
1103-365	extra large	15 mm x 22 mm blades	
1103-366	extra long	10 mm x 40 mm blades	
1103-367S	small	5 mm x 30 mm blades	for chinchilla
1103-367	extra narrow	5 mm x 40 mm blades	for chinchilla

**Tapered blades / 40 mm**

1103-3661	solid blades convex
1103-3662	wire blades

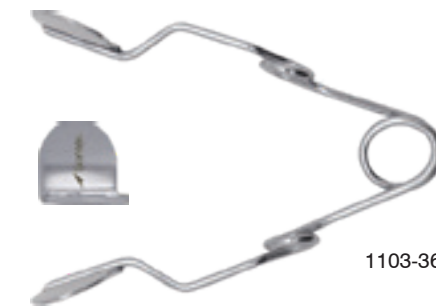


1103-363

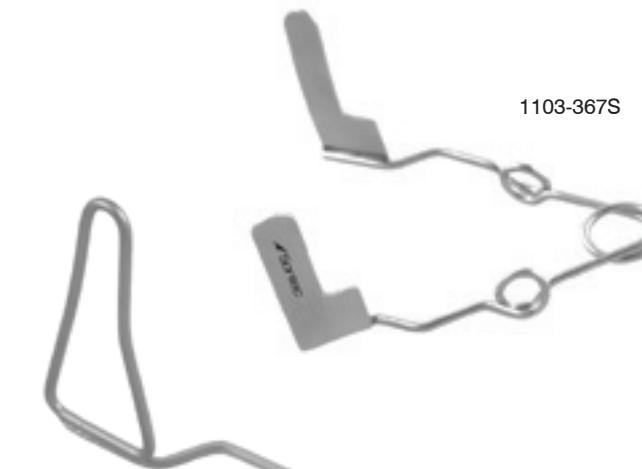
1103-364

1103-365

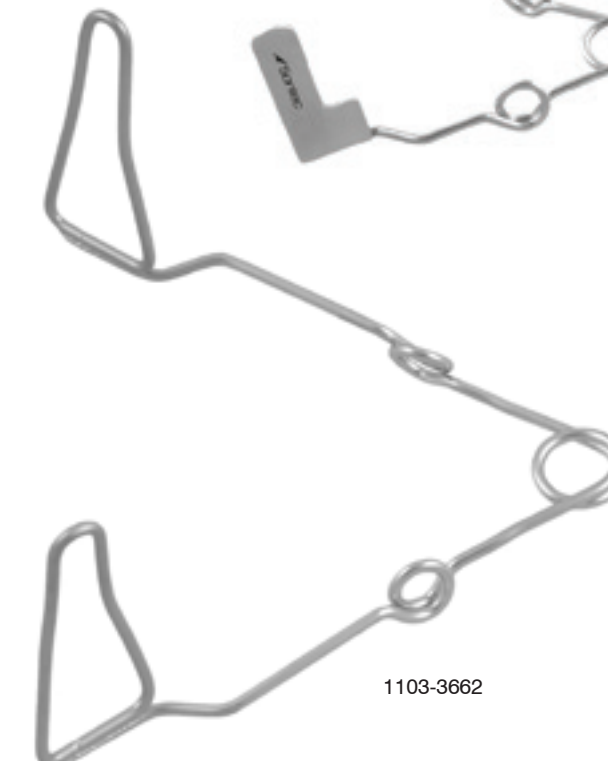
1103-366



1103-362



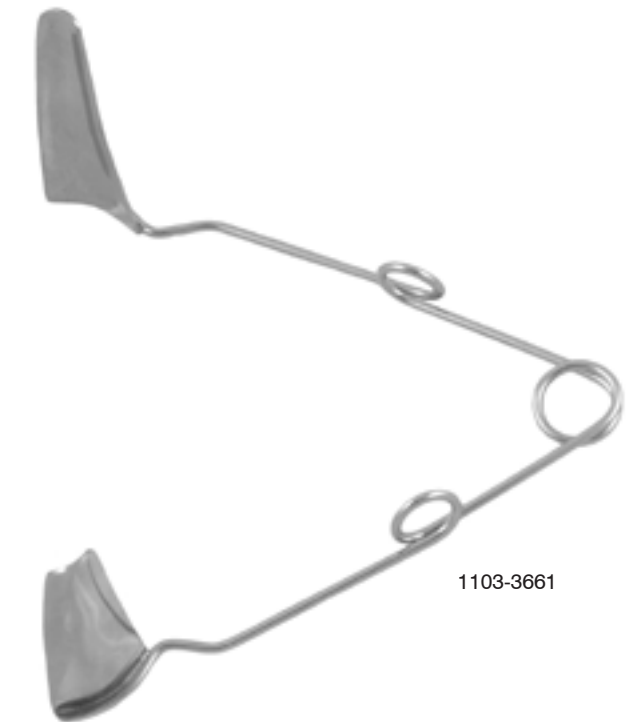
1103-367S



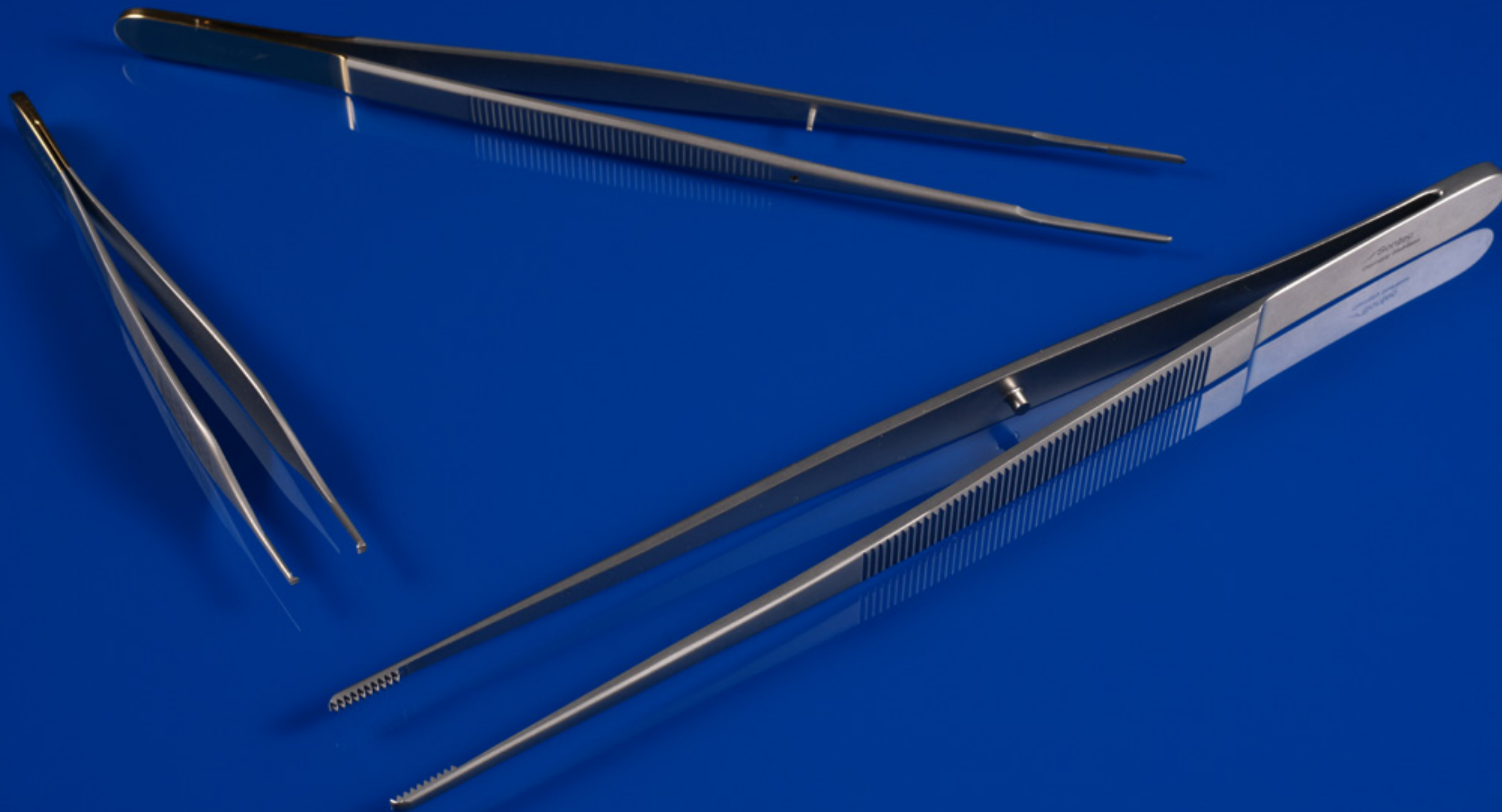
1103-3662



1103-367



1103-3661



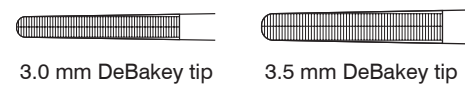
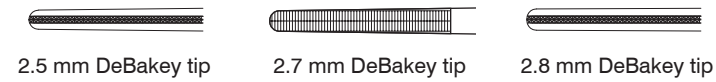
 Sontec Instruments®

FORCEPS Flat Handle

**DeBakey Tissue Forceps**

**Flat handle / 6" (15 cm)**

- 2200-101 1.0 mm tip
- 2200-101A 1.5 mm tip
- 2200-105 2.0 mm tip
- 2200-105A 2.5 mm tip
- 2200-105B 2.8 mm tip



**Flat handle / 7 3/4" (19.5 cm)**

- 2200-102 1.0 mm tip
- 2200-102A 1.5 mm tip
- 2200-107 2.0 mm tip
- 2200-110 2.7 mm tip
- 2200-112 3.5 mm tip

**Flat handle / 9 1/2" (24 cm)**

- 2200-103 1.5 mm tip
- 2200-108 2.0 mm tip
- 2200-111 2.7 mm tip
- 2200-1133 3.0 mm tip
- 2200-113 3.5 mm tip

**Flat handle / 12" (30 cm)**

- 2200-104 1.5 mm tip
- 2200-109 2.0 mm tip
- 2200-1112 2.7 mm tip
- 2200-1132 3.5 mm tip

**With pin / flat handle / 7 3/4" (19.5 cm)**

- 2200-107P 2.0 mm tip
- 2200-110P 2.7 mm tip

**With pin / flat handle / 9 1/2" (24 cm)**

- 2200-108P 2.0 mm tip
- 2200-111P 2.7 mm tip

**With pin / flat handle / 12" (30 cm)**

- 2200-1112P 2.7 mm tip

\* other sizes available with pin upon request.



**DeBakey Angled Tissue Forceps**

**Flat Handle / 40° angle**

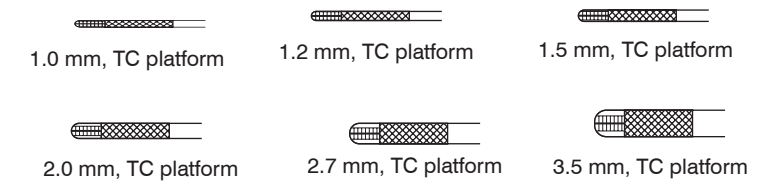
- 2200-106 2.0 mm 6"
- 2200-107C 2.0 mm 7 3/4"
- 2200-107A 2.7 mm 7 3/4"
- 2200-103A 1.5 mm 9 1/2"
- 2200-108A 2.0 mm 9 1/2"
- 2200-1132A 3.5 mm 12"



**DeBakey Needle-Pulling Tissue Forceps**

**Flat handle / TC platform / 6" (15 cm)**

- 2200-074 1.0 mm
- 2200-077 1.2 mm
- 2200-078 1.5 mm
- 2200-080 2.0 mm
- 2200-079 2.7 mm
- 2200-081 3.5 mm



**Flat handle / TC platform / 8" (20 cm)**

- 2200-075 1.0 mm
- 2200-096 1.2 mm
- 2200-097 1.5 mm
- 2200-100 2.0 mm
- 2200-099 2.7 mm
- 2200-099P 2.7 mm with guide pin
- 2200-098 3.2 mm
- 2200-098P 3.2 mm with guide pin



**Flat handle / TC platform / 9 1/2" (24 cm)**

- 2200-076 1.0 mm
- 2200-085 1.5 mm
- 2200-092 2.0 mm
- 2200-091 2.7 mm
- 2200-090 3.5 mm
- 2200-090P 3.5 mm with guide pin

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

- 2200-0922 2 mm
- 2200-0912 2.7 mm
- 2200-0902 3.5 mm

**DeBakey Ergonomic-Handle Forceps**

Extra lightweight / 1.0 mm tip / fenestrated handle

- 2200-101F 6" (15 cm)
- 2200-102F 7 7/8" (20 cm)
- 2200-103F 9 1/2" (24 cm)
- 2200-104F 12" (30 cm)



2200-102F



2200-103F



**Micro Gerald Tissue Forceps**

Round handle / TC serrated platform / 0.9 mm tip

- 2200-1431 7 1/4"
- 2200-1441 8 1/4"



2200-1431

**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

**McGravey Tissue Forceps**

5 x 6 delicate teeth

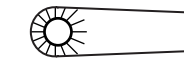
- 136-766 7" (18 cm)
- 136-767 9" (22.9 cm)



136-766

**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

**Selman Tissue Forceps**

Round cup teeth

- 142-113 8" (20.3 cm)
- 142-114 10" (25.4 cm)



142-113

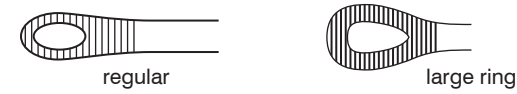
**Singley Tuttle Forceps**

**Serrated**

142-103	6" (15 cm)	
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



**Wangensteen Tissue Forceps**

**TC Serrated**

2200-015	6" (15 cm)
2200-016	8" (20 cm)
2200-017	9" (23 cm)
2200-018	10" (25.5 cm)



2200-017

**Evans Tissue Forceps**

**TC serrated / 10" (25 cm)**

2200-382



2200-382

**Electro Blue Coated Skinner Tissue Forceps**

**Monopolar use / TC serrated platform / 1 x 2 teeth / insulated / 9" (22.9 cm)**

140-376B



140-376B

**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)**

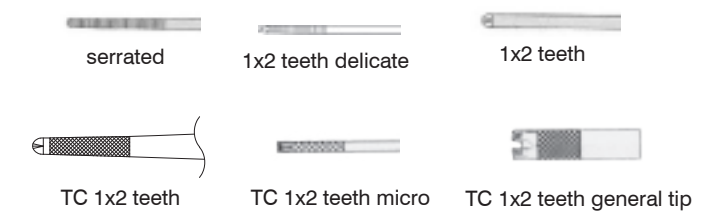
136-701

**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)

**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)	
136-626F	5 1/2" (14 cm)	fine tip
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)	
136-634D	8" (20.5 cm)	delicate
136-636	10" (25.5 cm)	
136-636D	10" (25.5 cm)	delicate



136-632B



136-626F



136-634B

**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)	

**McIndoe Forceps Titanium**

Fine tip / serrated handle / serrated / 6" (15.2 cm)

2600-391	1 x 2 teeth
2600-392	serrated



2600-391



2600-392

**McIndoe Dressing and Tissue Forceps**

Fine serrations / 6" (15 cm)

2200-750



2200-750

Cross serrations with 1x2 teeth / 6" (15 cm)

2200-752



2200-752

**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)



136-607

TC serrated

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

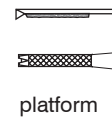
**Ferlit Micro Forceps**

1 x 2 teeth / cross serrated tying platform

140-504A 7" (18cm) 1.5 mm  
140-504B 4" (10cm) 0.9 mm

1 x 2 teeth / TC Dust / 0.5 mm teeth / 4 1/4" (10.8 cm)

140-505T



140-505T



140-504B



140-504A

**Bonney Tissue Forceps**

Serrated / 6 3/4" (17 cm)

140-502 1 x 2 teeth TC serrated  
136-578 2 x 3 teeth serrated



1 x 2 / 7" (18 cm)

136-580 serrated  
140-500 TC serrated



140-502



136-578

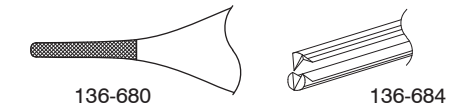


136-580

**Hudson-Ewald Forceps**

Heavy / serrated adson handle / 4 3/4" (12 cm)

136-684 1 x 2 teeth  
136-680 serrated tip



136-684

**Troutman Micro Hook Forceps**

With tying platform / TC dust / round handle

199-365S 5" (12.5 cm)  
199-365 6 1/4" (16 cm)  
199-365T 6 1/4" (16 cm) titanium



199-368

Adson handle

199-368 4 3/4" (12 cm)



199-365T

**Adson Tissue Forceps Titanium**

TC dust / 1.0 mm tips / 4 3/4" (12 cm)

140-298T



140-298T

**Adson Tissue Forceps Titanium**

1 x 2 / TC dust / tying platform / 4 3/4" (12 cm)

140-304T



140-304T

**Adson Tissue Forceps Titanium**

TC dust / with tying platform / 0.6 mm / 4 3/4" (12 cm)

140-296T



140-296T

**Adson Tissue Forceps Titanium**

TC dust / 0.3 mm / 1 x 2 tip / 4 3/4" (12 cm)

140-297T



140-297T

**Adson Tissue Forceps Titanium**

Serrated handle / TC dust / 0.5 mm / 1 x 2 tip / 4 3/4" (12 cm)  
140-302T



140-302T

**Adson-Harris Ring Tip Forceps Titanium**

Fenestrated / 1 mm ring-tip / TC dust / 4 3/4" (12 cm)  
1103-812T



1103-812T

**Adson Tissue Forceps Titanium**

1 x 2 Teeth  
2600-302 4 3/4"  
2600-311 5 7/8"



2600-311

**Brown Adson Tissue Forceps Titanium**

1.8 mm tips / 7x7 teeth  
T136-688 4 3/4" (12 cm) fenestrated handle  
136-688T 6" (15.2 cm)



T136-688

1.8 mm tips / 9x9 teeth / 4 3/4" (12 cm)  
T136-686 4 3/4" (12 cm)



136-688T



T136-686

**Gorney-Adson Forceps**

1 x 2 teeth with platform / stop pin,  
4 3/4" (12 cm)  
136-6741



136-6741

**DeBakey-Adson Tissue Forceps**

1.5 mm / atraumatic DeBakey jaws / 4 3/4" (12 cm)  
1100-185



1100-185

**Adson Tissue Forceps**

1 x 2 teeth / serrated handle / 4 3/4"  
136-668 0.8 mm  
136-666 1.3 mm  
136-672 1.3 mm 45° angled tips



136-666

1 x 2 teeth / serrated handle / 6"  
136-683 0.8 mm  
136-682 1.3 mm

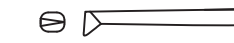


1 x 2 teeth / serrated handle / TC dust platform / 6"  
136-682P 1.3 mm



136-672

1 x 2 teeth / fenestrated handle / 4 3/4"  
136-669 1.0 mm  
136-667 1.3 mm



2 x 3 teeth / serrated handle / 4 3/4"  
136-676 1.0 mm



136-682P



136-669



136-676



2 x 3 teeth

**Beasley-Babcock Tissue Forceps**

Serrated adson handle / 5 x 6 teeth / 5" (13 cm)

136-699



136-699

**Adson Tissue Smooth Platform Forceps**

1 x 2 teeth / smooth platform / serrated handle / 4 3/4"

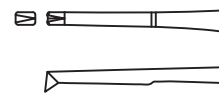
- 136-668A 0.8 mm
- 136-674D 1.0 mm
- 136-674 1.3 mm

1 x 2 teeth / smooth platform / fenestrated handle / 4 3/4"

- 136-679 1.3 mm



136-674



136-679

**Adson Tissue TC Dust Platform Forceps**

1 x 2 teeth / TC Dust platform / serrated handle / 4 3/4"

- 140-302D 0.8 mm
- 140-302 1.0 mm

1 x 2 teeth / TC Dust platform / fenestrated handle / 4 3/4"

- 140-302F 0.8 mm
- 140-303F 1.0 mm



140-303F

**Adson Tissue TC Serrated Platform Forceps**

1 x 2 teeth / TC serrated platform / serrated handle / 4 3/4"

- 140-305 1.0 mm
- 140-304 1.3 mm
- 140-303 1.8 mm



140-303



140-304

1 x 2 teeth / TC serrated platform / serrated handle / 6"

- 140-207 0.8 mm
- 140-309 1.0 mm
- 140-202 1.3 mm
- 140-203 1.8 mm



140-309

1 x 2 teeth / TC serrated platform / fenestrated handle / 4 3/4"

- 140-305F 1.0 mm
- 140-3042 1.3 mm
- 140-3032 1.8 mm



140-305F

2 x 3 teeth / TC serrated platform / serrated handle / 4 3/4"

- 140-306 0.8 mm
- 140-307 2.0 mm



140-307

2 x 3 teeth / TC serrated platform / fenestrated handle / 4 3/4"

- 140-304F 1.0 mm

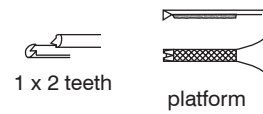


140-304F

**Stille-Adson Tissue Forceps**

1 x 2 teeth / 4 3/4" (12 cm)

- 136-675 platform
- 136-677 serrated
- 136-678P cross-serrated platform

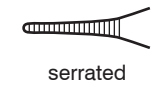


136-675

**Stille-Adson Dressing Forceps**

Serrated / 4 3/4" (12 cm)

- 136-659
- 136-659D delicate



serrated



136-659

**Adson Harris Ring Tip Forceps**

Ring tip / TC dust / 1 mm tip / 4 3/4" (12 cm)

- 1103-808 fenestrated handle curved
- 1103-810
- 1103-812 fenestrated handle



ring tip  
1mm



1103-808

Ring tip / 2 mm tip / 4 3/4" (12 cm)

- 1103-809



1103-810



1103-812

**Brown Forceps**

9x9 teeth / castroviejo handle / 4 1/4" (10.8 cm)

- 14-6560
- 14-6562 with TC dust platform
- 14-6564 with TC insert

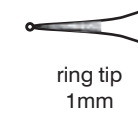


14-6560

**Harris Ring Tip Forceps**

Fenestrated handle / ring tip / 1 mm tip / 6" (15.5 cm)

- 1103-811
- 1103-811T titanium



ring tip  
1mm

Fenestrated handle / TC dust ring tip / 2 mm tip / 6" (15.5 cm)

- 1103-813



1103-811



1103-811T

**Russian Adson Micro Forceps**

Fenestrated handle / with platform / 5 1/4" (13.3 cm)

- 136-671A straight
- 136-671B curved



136-671A



136-671B

Fenestrated handle / 1 x 2 teeth / 5 1/4" (13.3 cm)

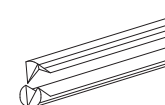
- 136-671C straight



136-671C

Fenestrated handle / straight / 1 x 2 teeth / 5 3/4" (14.5 cm)

- 136-671D



136-671D

**Jewelers Bipolar Forceps**

**Straight / 0.5 mm tip / #5 tip / 4 3/4" (12.1 cm)**

2700-918



2700-918

**Adson Bipolar Forceps**

**1 mm tip / 4 3/4" (12 cm)**

2700-905

2700-900

2700-902 4mm angled tip blue electro coat



2700-900



2700-902

**1 mm tip / fenestrated handle / 4 3/4" (12 cm)**

2700-902F 4 mm angled tip blue electro coat

2700-906 pointed tips



2700-902F



2700-906

**1 mm tip / fenestrated handle / non-stick / black coated / 4 3/4" (12 cm)**

2700-908NS straight

2700-903NS angled



2700-908NS

**Jewelers Bipolar Forceps**

**0.4 mm tip / 4" (10 cm)**

2700-920 straight

2700-922 curved

2700-915 straight blue coat



2700-920



2700-915

**Insulated / non-stick / straight / 4 1/4" (10.8 cm)**

2700-924NS 0.5 mm



2700-924NS

**McPherson Bipolar Forceps**

**Smooth tying platform / 0.4 mm tip / 3 1/2" (9 cm)**

16-2700 straight

16-2710 angled



16-2700



16-2710

**Jewelers Bipolar Forceps**

**Blue electro coat / straight**

16-2760



16-2760

**Tenzel Bipolar Forceps**

**Stop gap 0.5 mm / 0.4 mm tip / 4" (10 cm)**

2700-925



2700-925

**Cushing Bipolar Forceps**

1.5 mm tip / blue electro coating / 7" (18 cm)  
2700-995



2700-995

**Cushing Bipolar Forceps**

Black insulated / non-stick / 1.5 mm tip  
/ 7" (18 cm)  
2700-995NS



**Tissue Bipolar Forceps**

Black insulated / non-stick / 2.0 mm tip  
/ 6" (15 cm)  
2700-862NS  
2700-864NS with stop pin



2700-862NS



2700-864NS

**Hardy Bayonet Bipolar Forceps**

1 mm tip / insulated / straight / 8 1/2" (21.5 cm)  
2700-959



2700-959

**Coaptation Bipolar Forceps**

0.4 x 3 mm tip / 4 1/4" (10.5 cm)  
2700-930



2700-930

**Bipolar Bayonet Suction Wide Grip Forceps**

Black insulated / with suction / stop pin / 1.4 mm  
2700-817 8" (20.3 cm)  
2700-819 9" (22.9 cm)



2700-817

**Black Bipolar Bayonet Irrigation Forceps**

Insulated / with stop pin / straight / 1.2 mm  
2700-810 6 3/4"  
2700-812 8"  
2700-814 8 3/4"  
2700-815 9"



2700-810



 Sontec Instruments®

FORCEPS Ring Handle

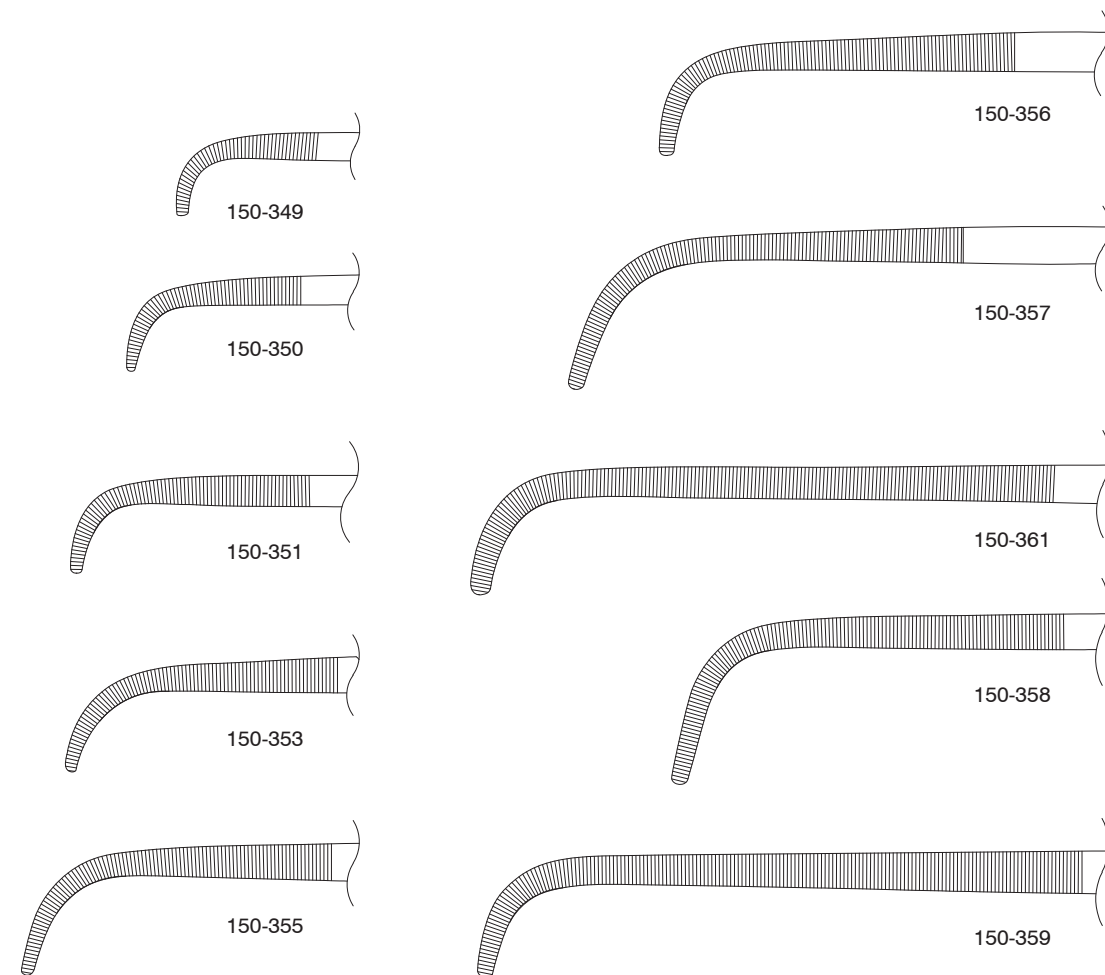
**Jacobson-Gemini Mixer Right Angle Forceps**

**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)



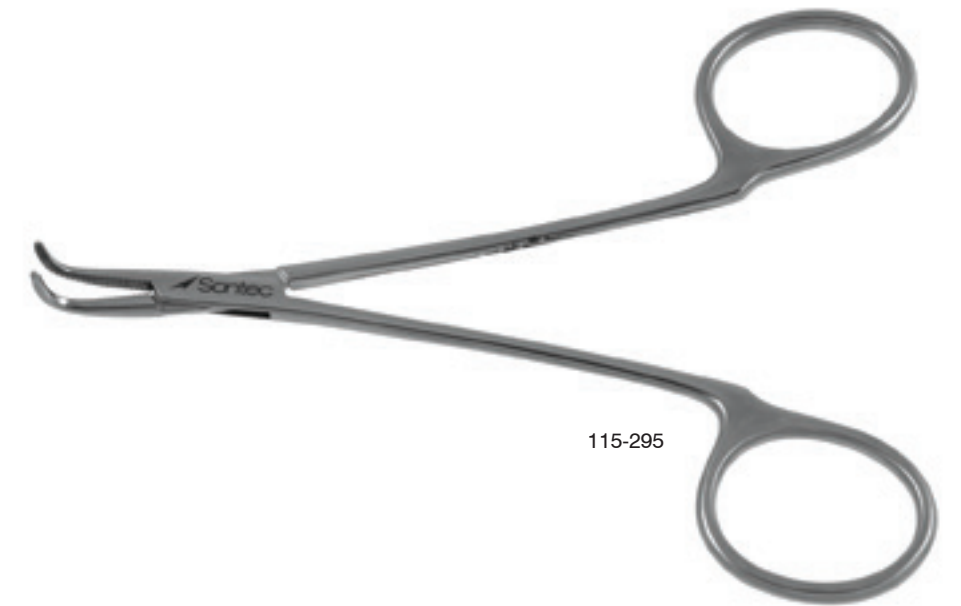
150-348



**Lincoln Dissecting Forceps**

4 1/2" (11.5 cm)

115-295 90° 15 mm jaw length



115-295

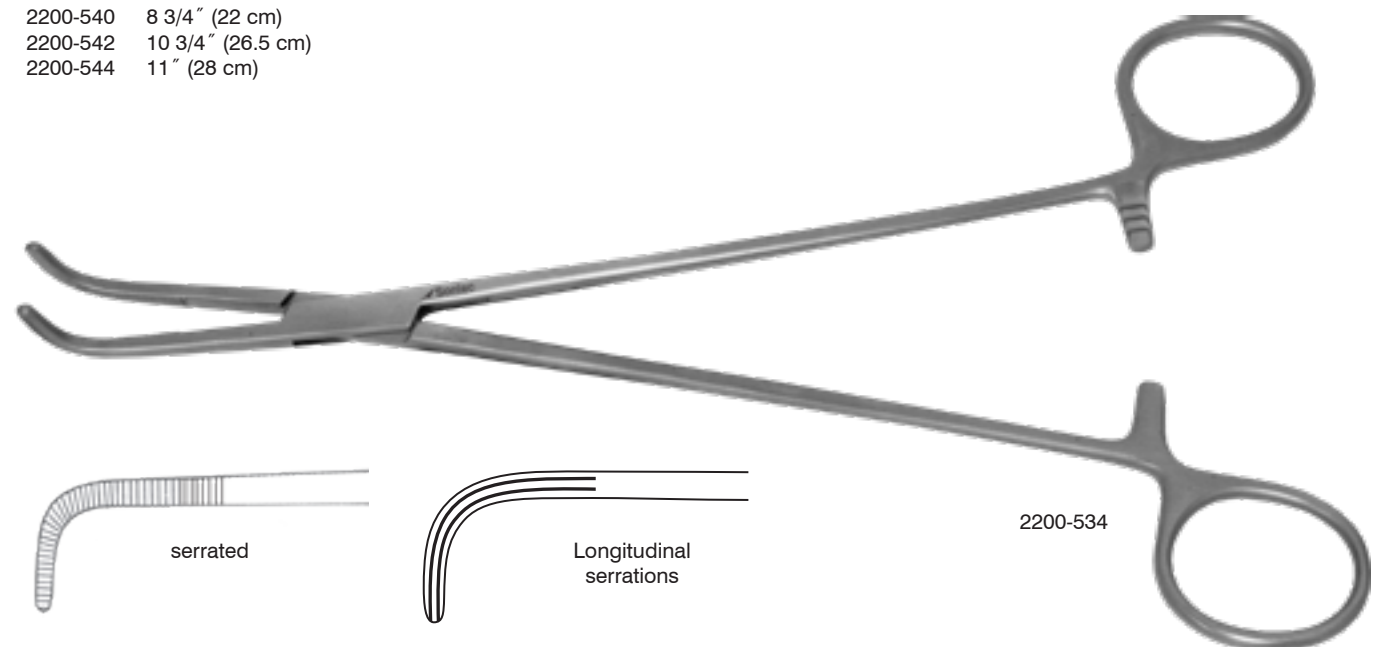
**Mixer Right Angle Forceps**

**Right angle / serrated**

- 2200-530 6 1/4" (15 cm)
- 2200-532 7" (18 cm)
- 2200-534 9" (23 cm)
- 2200-536 10 3/4" (26.5 cm)

**Right angle / longitudinal serrations**

- 2200-540 8 3/4" (22 cm)
- 2200-542 10 3/4" (26.5 cm)
- 2200-544 11" (28 cm)



2200-534

**Mixer-Paul Right Angle Forceps**

Right angle / serrated / 8" (20 cm)

2200-550



2200-550

right angle

**Micro Tip Mixer Right Angle Forceps**

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

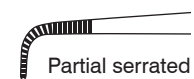
2200-521

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

2200-523A



2200-521



Partial serrated



serrated

**Waterston Dissecting Forceps**

Curved

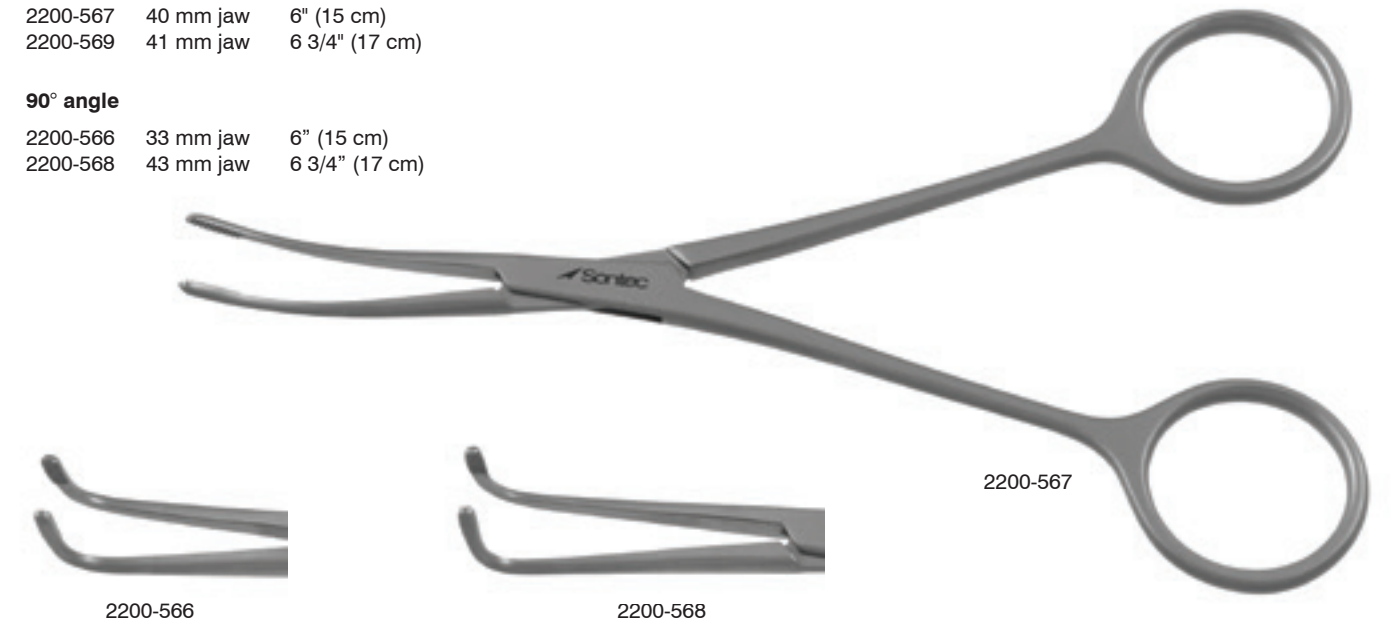
2200-567 40 mm jaw 6" (15 cm)

2200-569 41 mm jaw 6 3/4" (17 cm)

90° angle

2200-566 33 mm jaw 6" (15 cm)

2200-568 43 mm jaw 6 3/4" (17 cm)



2200-567

2200-566

2200-568

**Bailey Hemostatic Acute Angle Forceps**

Extra-fine tapered jaws / 30° angle

2200-526 5 1/4" (13 cm)

2200-524 7" (18 cm)

2200-537 9" (23 cm)



30°

60°

90°

Extra-fine tapered jaws / 60° angle

2200-527 5 1/4" (13 cm)

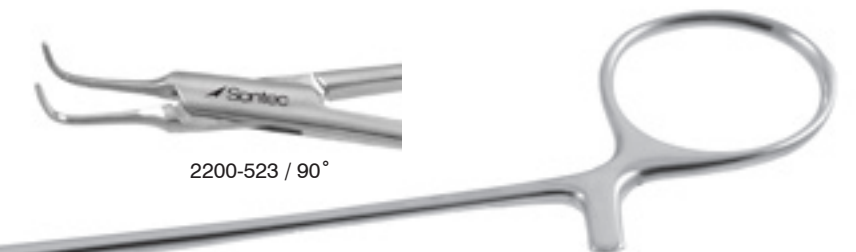
2200-525 7" (18 cm)

2200-538 9" (23 cm)

2200-546 10" (25 cm)

2200-547 11" (28 cm)

2200-548 12" (30.5 cm)



2200-523 / 90°



2200-525 / 60°

Extra-fine tapered jaws / 90° angle

2200-528 5 1/4" (13 cm)

2200-523 7" (18 cm)

2200-539 9" (23 cm)

2200-554 10" (25 cm)

2200-555 11" (28 cm)

2200-556 12" (30.5 cm)

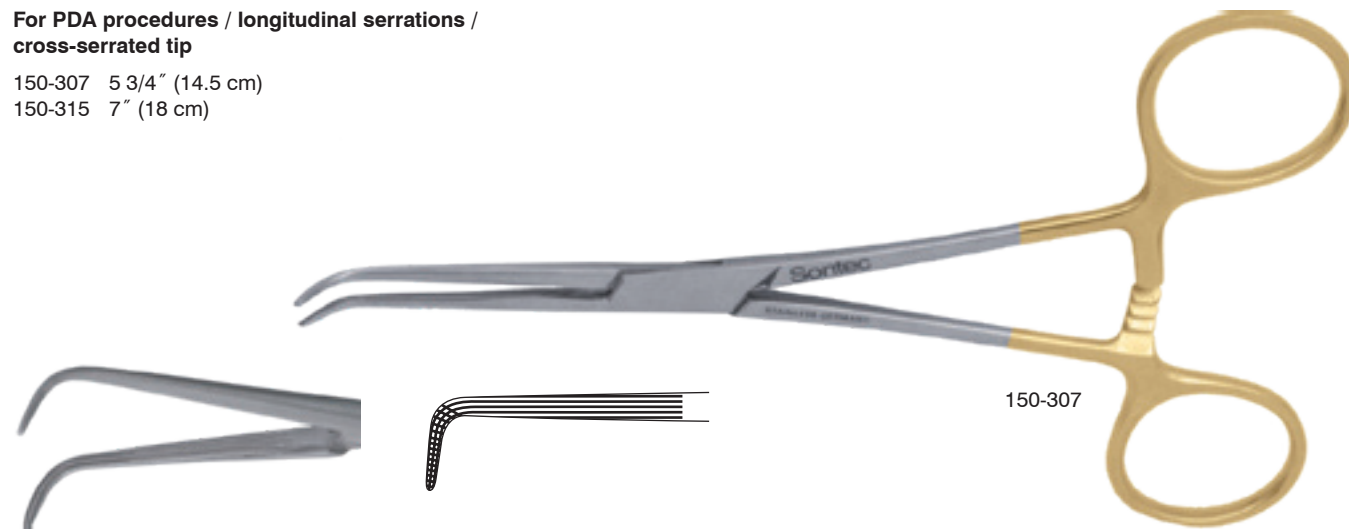


2200-524 / 30°

**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)



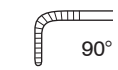
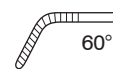
**Ochsner Acute Angle Forceps**

Extra-fine tapered jaws / 4 3/4" (12 cm)

- 2200-518 60°
- 2200-519 90°

5 1/2" (14 cm)

- 2200-516 60°
- 2200-517 90°



**Hartman Mosquito Forceps**

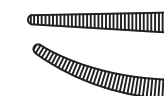
Delicate / 3 1/2" (9 cm)

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



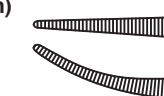
Standard / 3 1/2" (9 cm)

- 115-426 straight
- 115-428 curved



Micro tip / 3 3/4" (9.5 cm)

- 115-310 straight
- 115-312 curved



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

- 115-429



straight



**Halstead Mosquito Forceps**

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

- 115-422 straight
- 115-424 curved



1 x 2 teeth straight



1 x 2 teeth curved

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

- 115-422M



**Halstead Mosquito Forceps**

5" (13 cm)

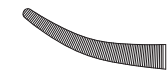
- 115-410 straight standard
- 115-410D straight delicate
- 115-412 curved standard
- 115-412D curved delicate
- 1100-140L curved standard left

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

- 115-4121 curved

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

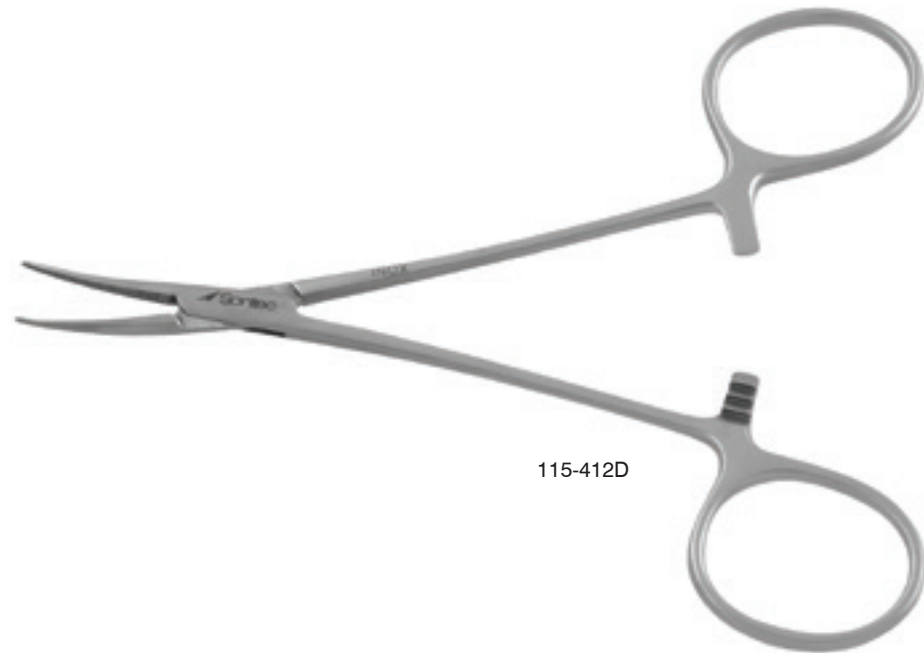
- 115-412S



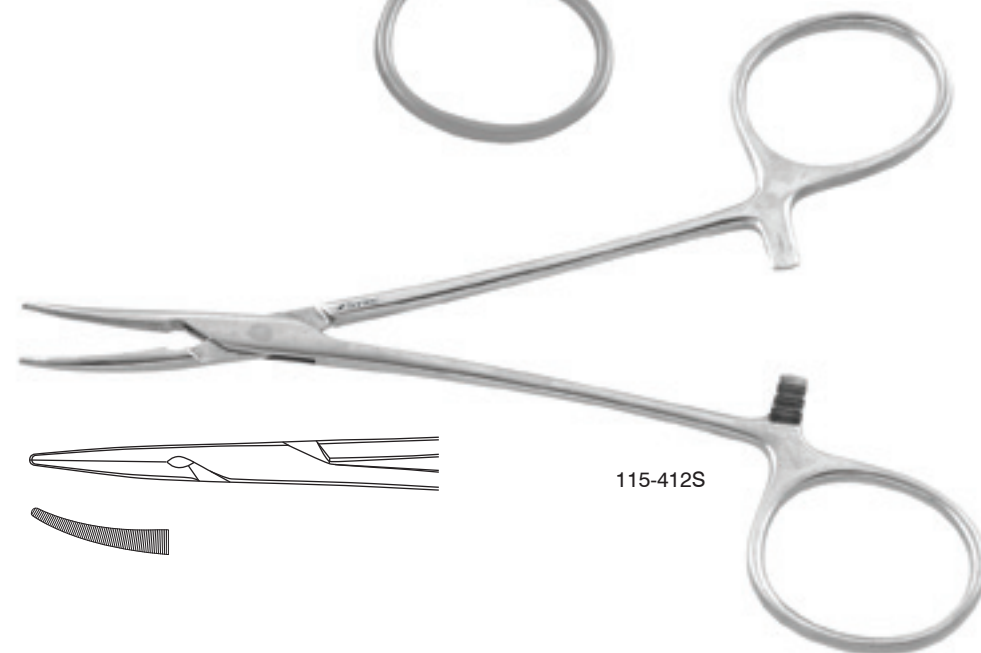
115-412



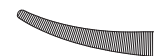
115-410



115-412D



115-412S



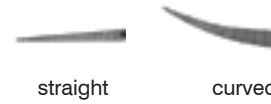
**Sontec Mosquito Forceps**

**Extreme micro / overall extremely delicate design / 1 mm tip / 3 3/4" (9.5 cm)**

- 1103-817 straight
- 1103-818 curved

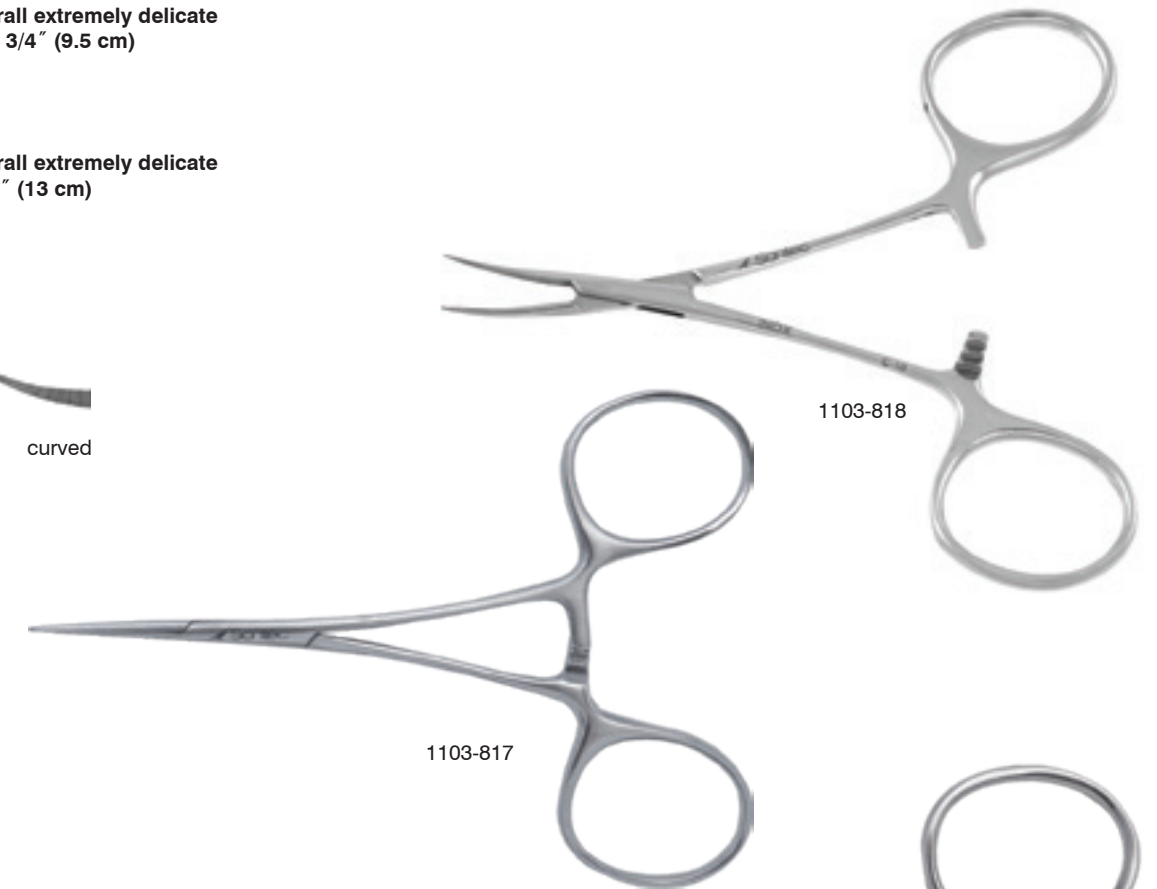
**Extreme micro / overall extremely delicate design / 1 mm tip / 5" (13 cm)**

- 1103-815 straight
- 1103-816 curved

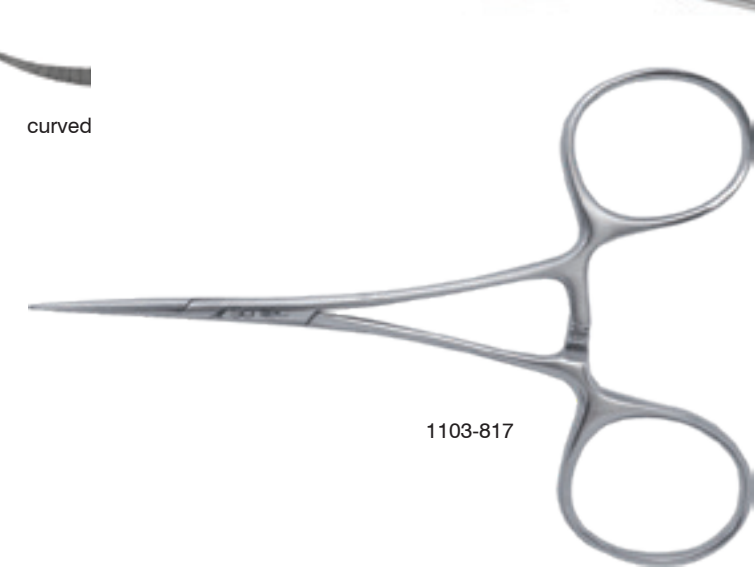


straight

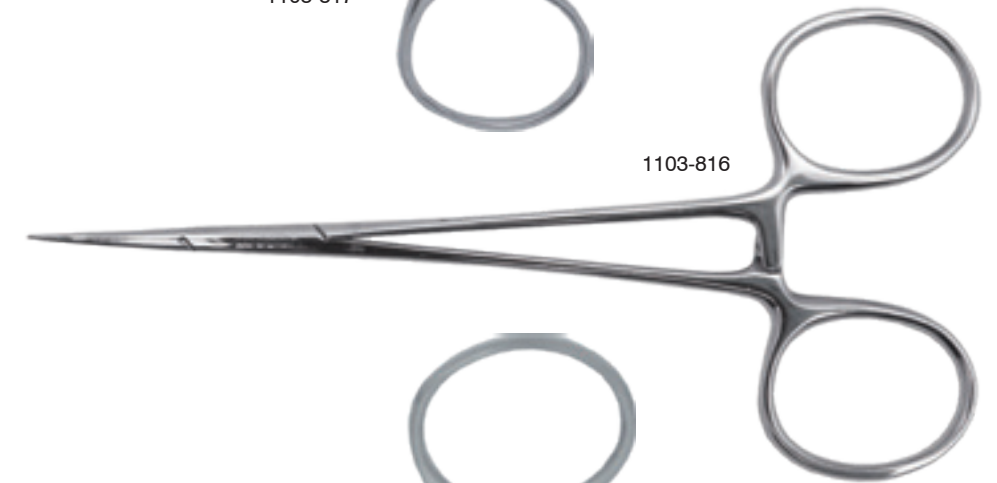
curved



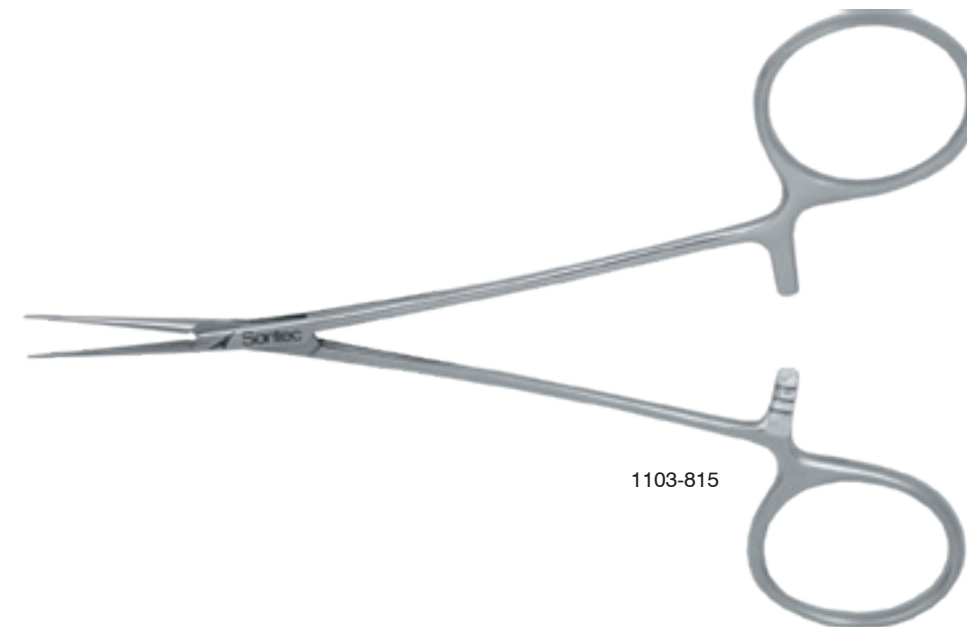
1103-818



1103-817



1103-816



1103-815

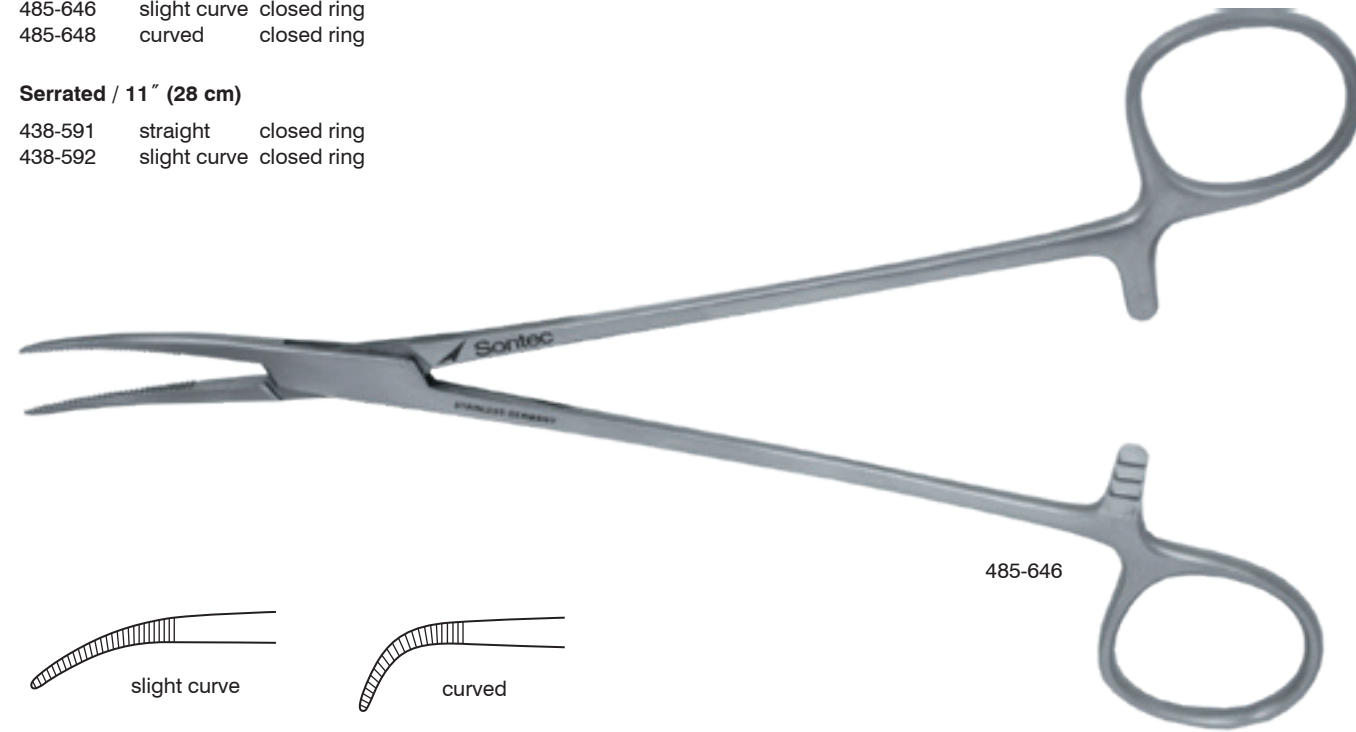
**Schmidt Hemostatic Forceps**

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

- 485-634 slight curve
- 485-636 curved
- 485-646 slight curve closed ring
- 485-648 curved closed ring

**Serrated / 11" (28 cm)**

- 438-591 straight closed ring
- 438-592 slight curve closed ring



485-646

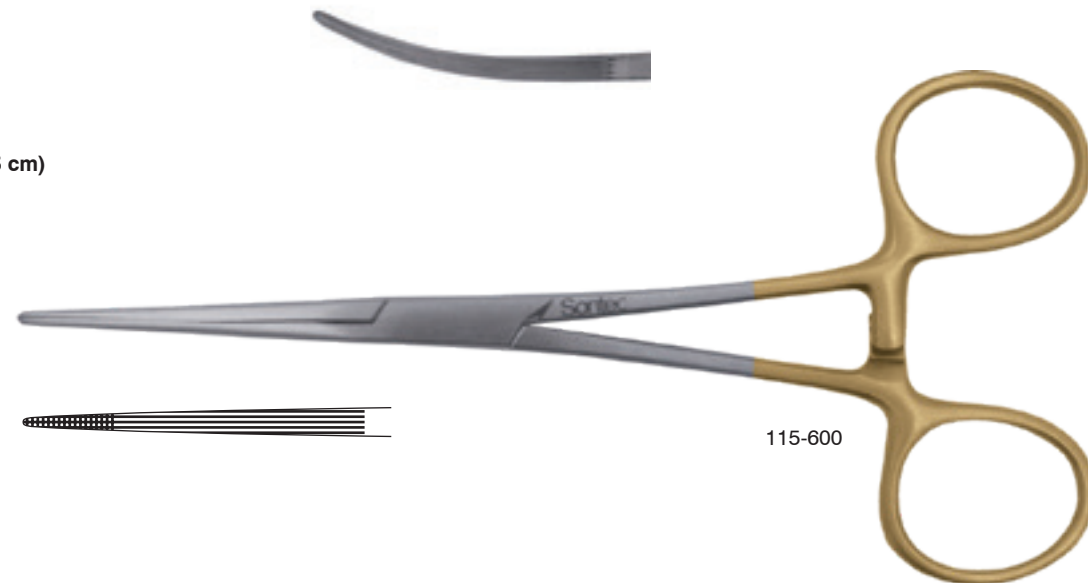
**Bainbridge Forceps**

**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

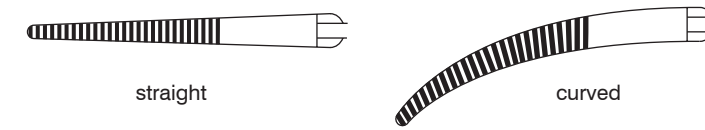


115-600

**Rankin-Kelly Forceps**

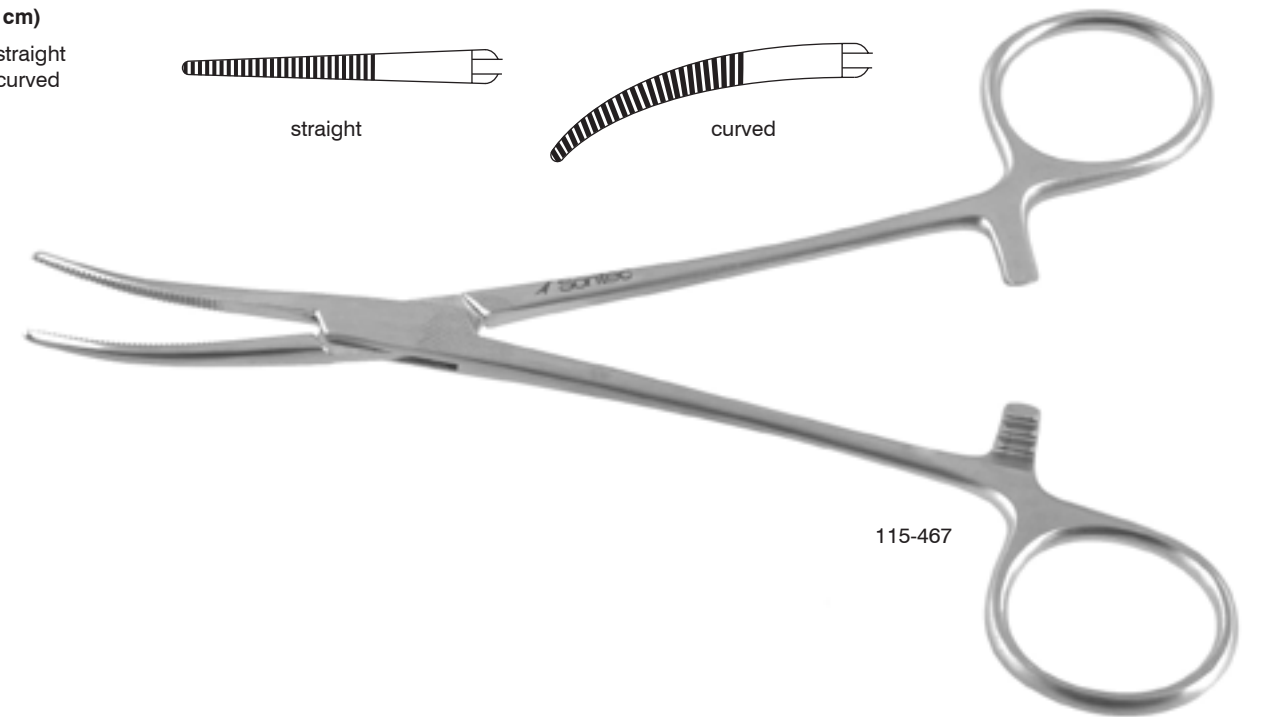
**6 1/4" (16 cm)**

- 115-465 straight
- 115-467 curved



straight

curved

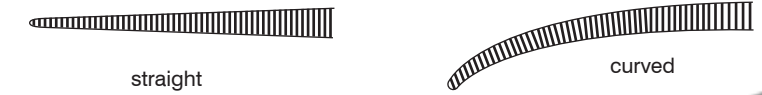


115-467

**Coller-Crile Forceps**

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

- 115-454 straight
- 115-458 curved

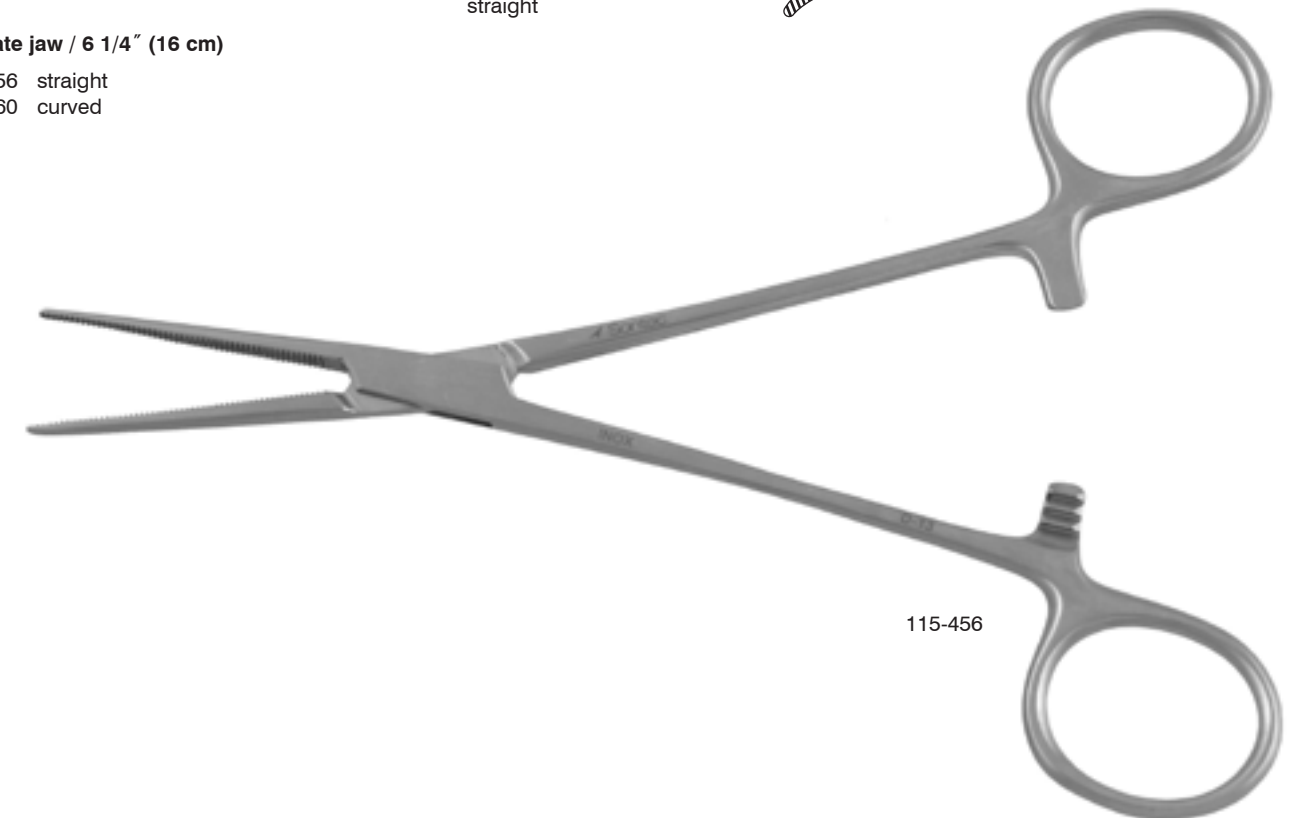


straight

curved

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

- 115-456 straight
- 115-460 curved

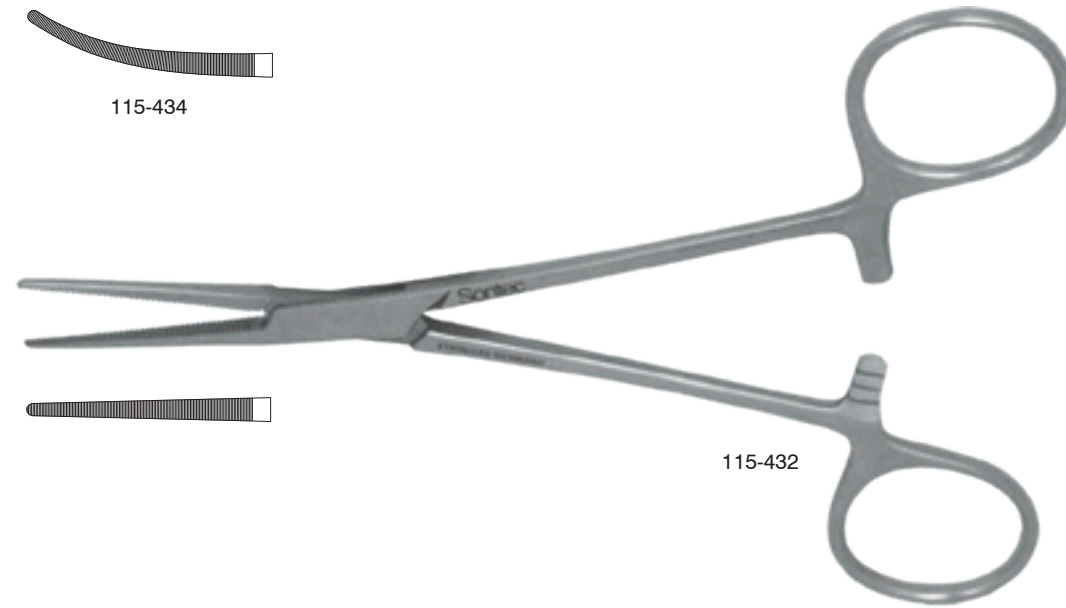
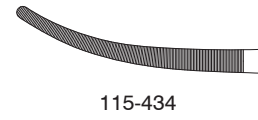


115-456

**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



**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



**Rochester-Ochsner Forceps**

**Serrated / 1 x 2 teeth / 6 1/4" (16 cm)**

- 115-520 straight
- 115-522 curved



straight

**Serrated / 1 x 2 teeth / 7 1/4" (18.5 cm)**

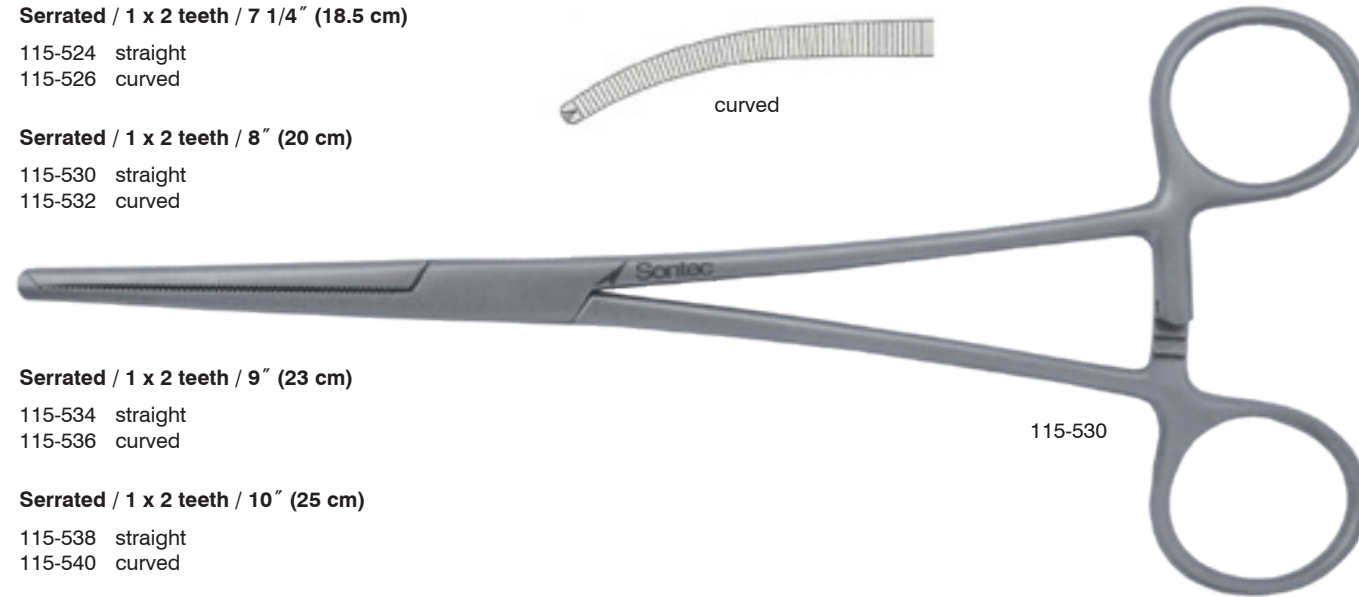
- 115-524 straight
- 115-526 curved



curved

**Serrated / 1 x 2 teeth / 8" (20 cm)**

- 115-530 straight
- 115-532 curved



115-530

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

- 115-534 straight
- 115-536 curved

**Serrated / 1 x 2 teeth / 10" (25 cm)**

- 115-538 straight
- 115-540 curved

**Ochsner Baby Forceps**

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

- 115-518 straight
- 115-519 curved

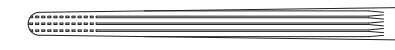


115-518

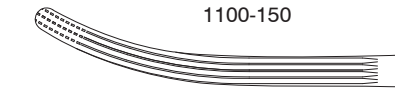
**Rochester-Carmalt Forceps**

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

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



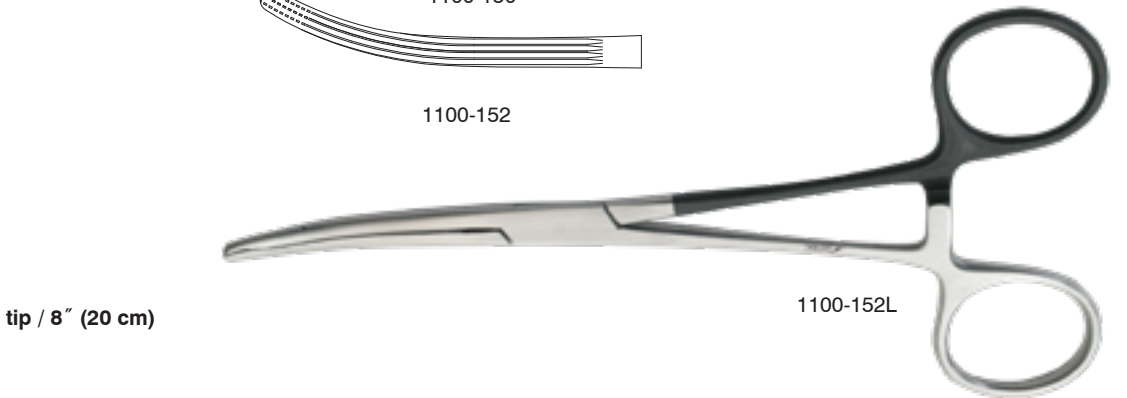
1100-150



1100-152

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

- 1100-151 straight
- 1100-153 curved



1100-152L

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

- 438-614 straight
- 438-615 curved



1100-151

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

- 438-610 straight
- 438-611 curved



438-610

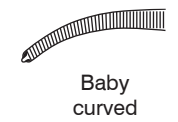
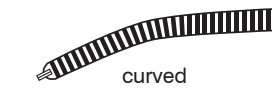
**Serrated / cross-serrated tip / 12" (31 cm)**

- 438-612 straight
- 438-613 curved

**Kocher Forceps**

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

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



**Pean Intestinal Clamp Forceps**

**Longitudinal serrations / 8" (20 cm)**

- 142-140 straight
- 142-142 curved

**Longitudinal serrations / 9" (24 cm)**

- 142-144 straight
- 142-146 curved

**Longitudinal serrations / 10" (25 cm)**

- 142-148 straight
- 142-150 curved



**Doyen-Kocher Intestinal Forceps**

**Longitudinal serrations / 7" (18 cm)**

- 1101-160 straight
- 1101-161 curved

**Longitudinal serrations / 8" (20.5 cm)**

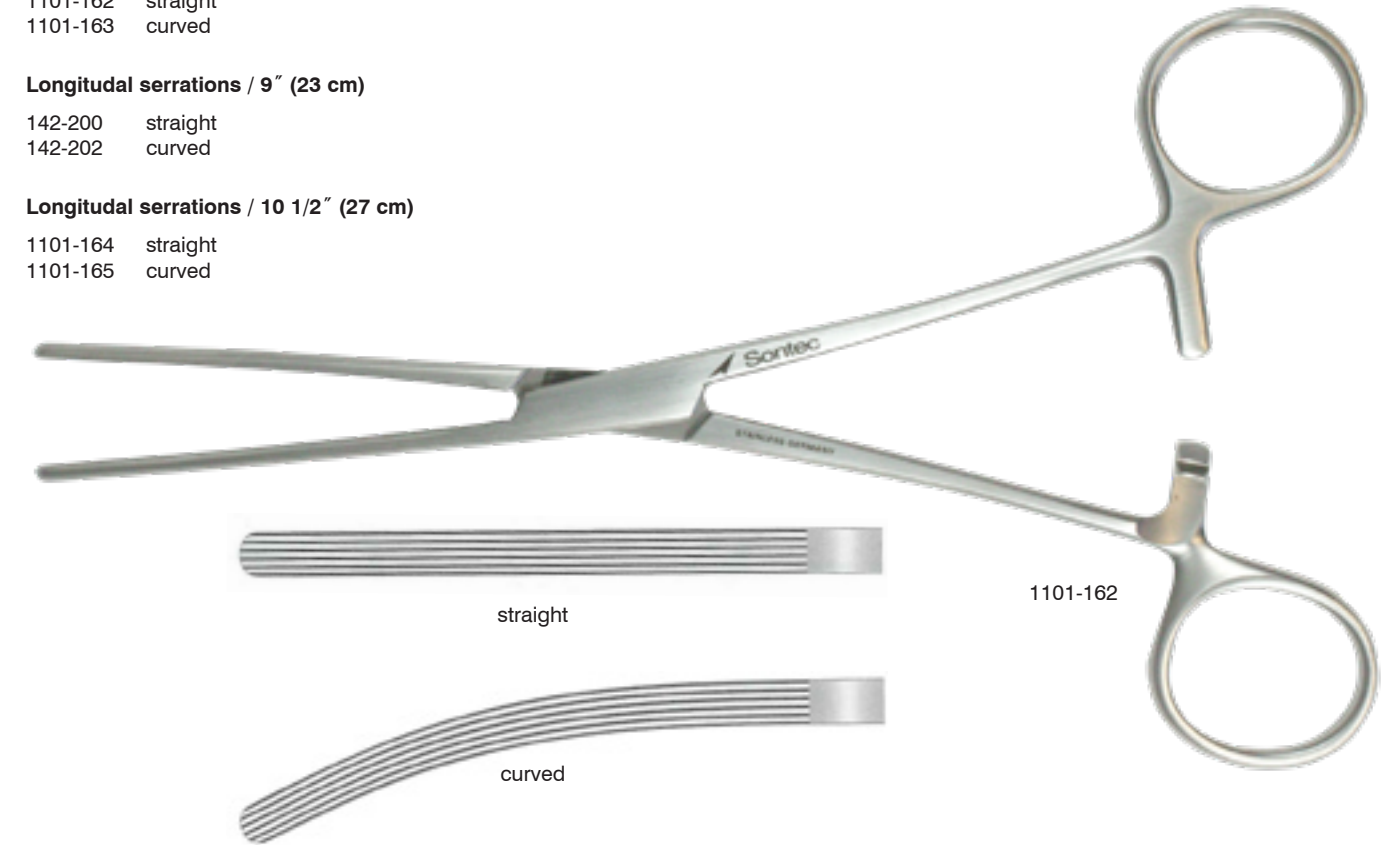
- 1101-162 straight
- 1101-163 curved

**Longitudinal serrations / 9" (23 cm)**

- 142-200 straight
- 142-202 curved

**Longitudinal serrations / 10 1/2" (27 cm)**

- 1101-164 straight
- 1101-165 curved



**Mayo Robson Forceps**

**Longitudinal serrations / 10 1/2" (26.5 cm)**

- 142-010 straight
- 142-015 curved



**Doyen-Debaquey Intestinal Clamp Forceps**

**Atraumatic jaws / 5" (13 cm)**

- 142-197 straight
- 142-198 curved



**Atraumatic jaws / 7" (18 cm)**

- 1100-161D straight
- 1100-163D curved



**Atraumatic jaws / 8" (20 cm)**

- 1100-1618 straight
- 1100-1638 curved

**Atraumatic jaws / 9" (23 cm)**

- 1100-162D straight
- 1100-164D curved



**Atraumatic jaws / 10" (25.5 cm)**

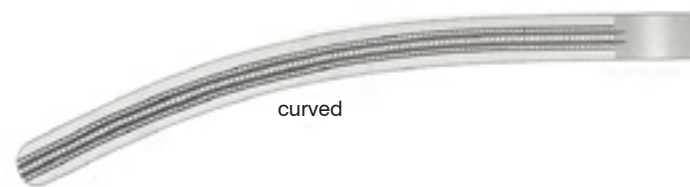
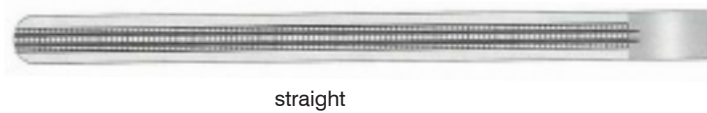
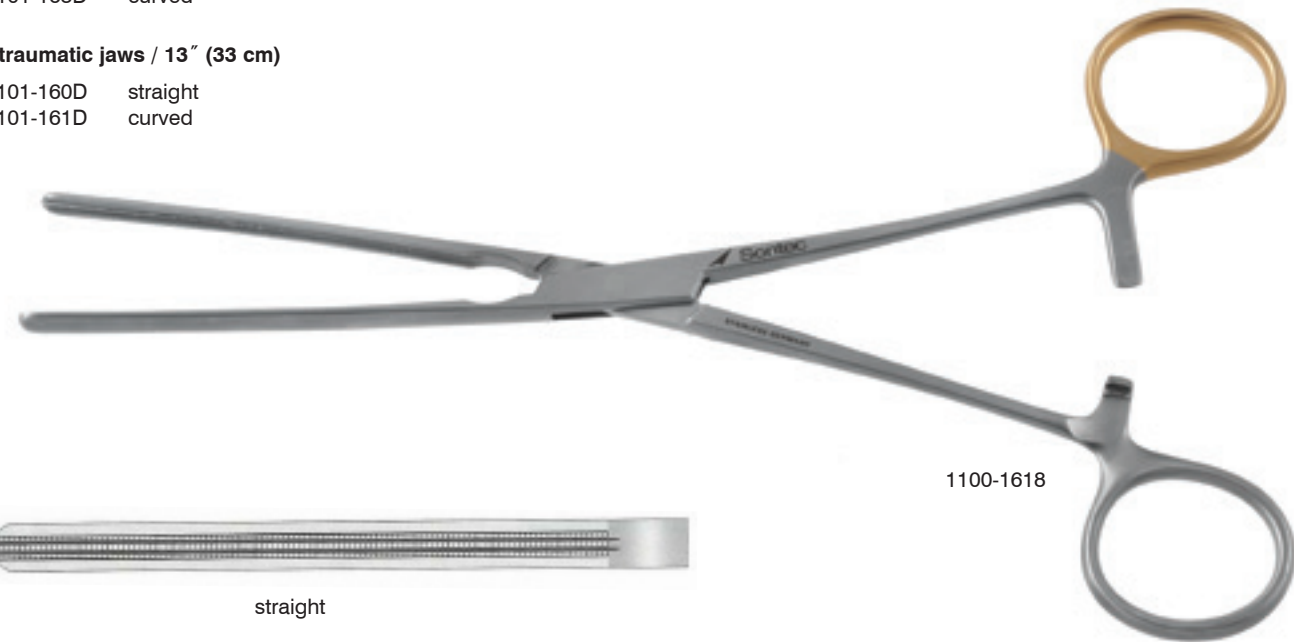
- 142-207 straight
- 142-208 curved

**Atraumatic jaws / 11" (28 cm)**

- 1101-162D straight
- 1101-163D curved

**Atraumatic jaws / 13" (33 cm)**

- 1101-160D straight
- 1101-161D curved



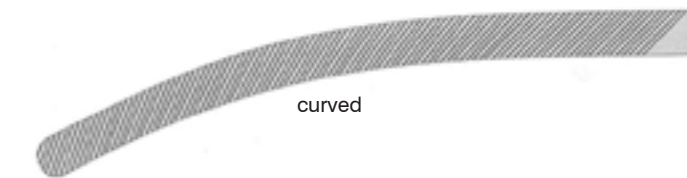
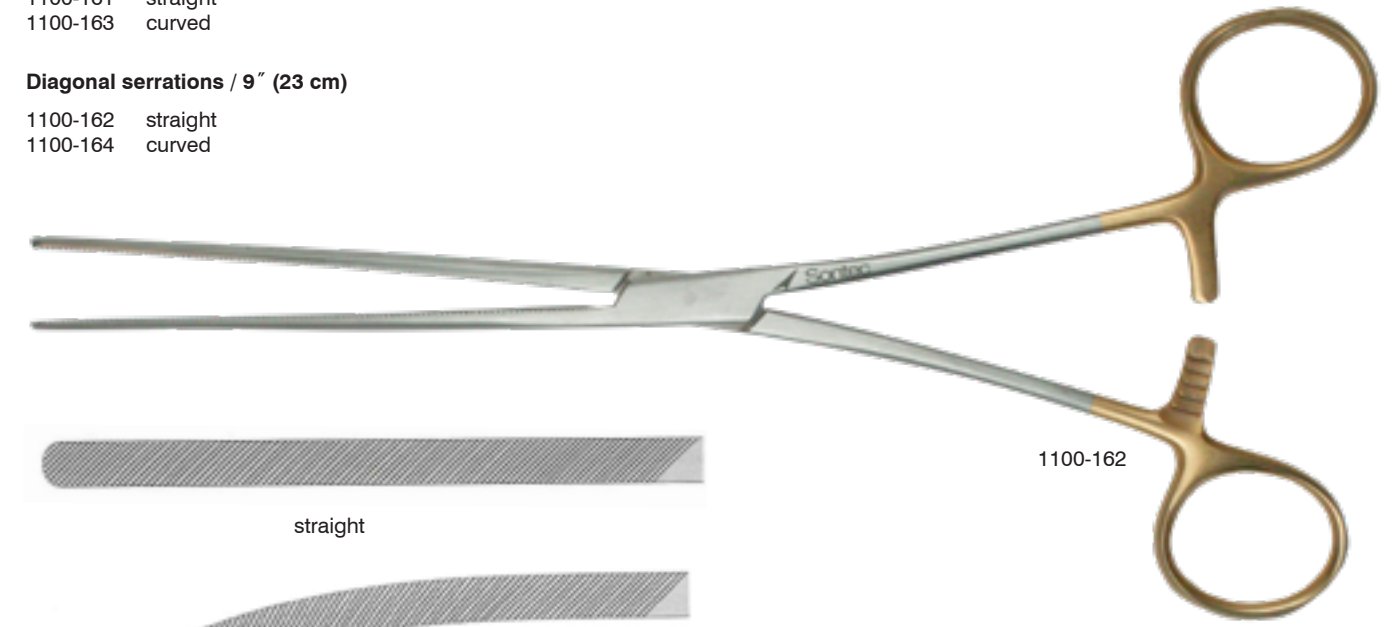
**Doyen Intestinal Clamp Forceps**

**Diagonal serrations / 7" (18 cm)**

- 1100-161 straight
- 1100-163 curved

**Diagonal serrations / 9" (23 cm)**

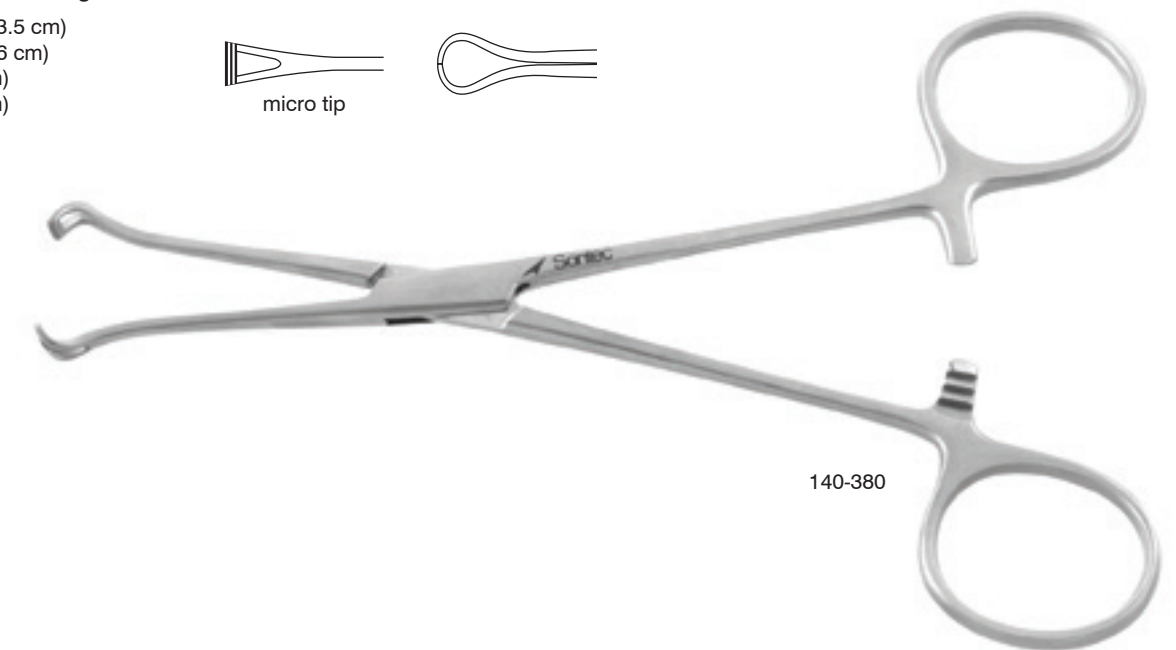
- 1100-162 straight
- 1100-164 curved



**Babcock Tissue Forceps**

**Micro tip / standard / straight**

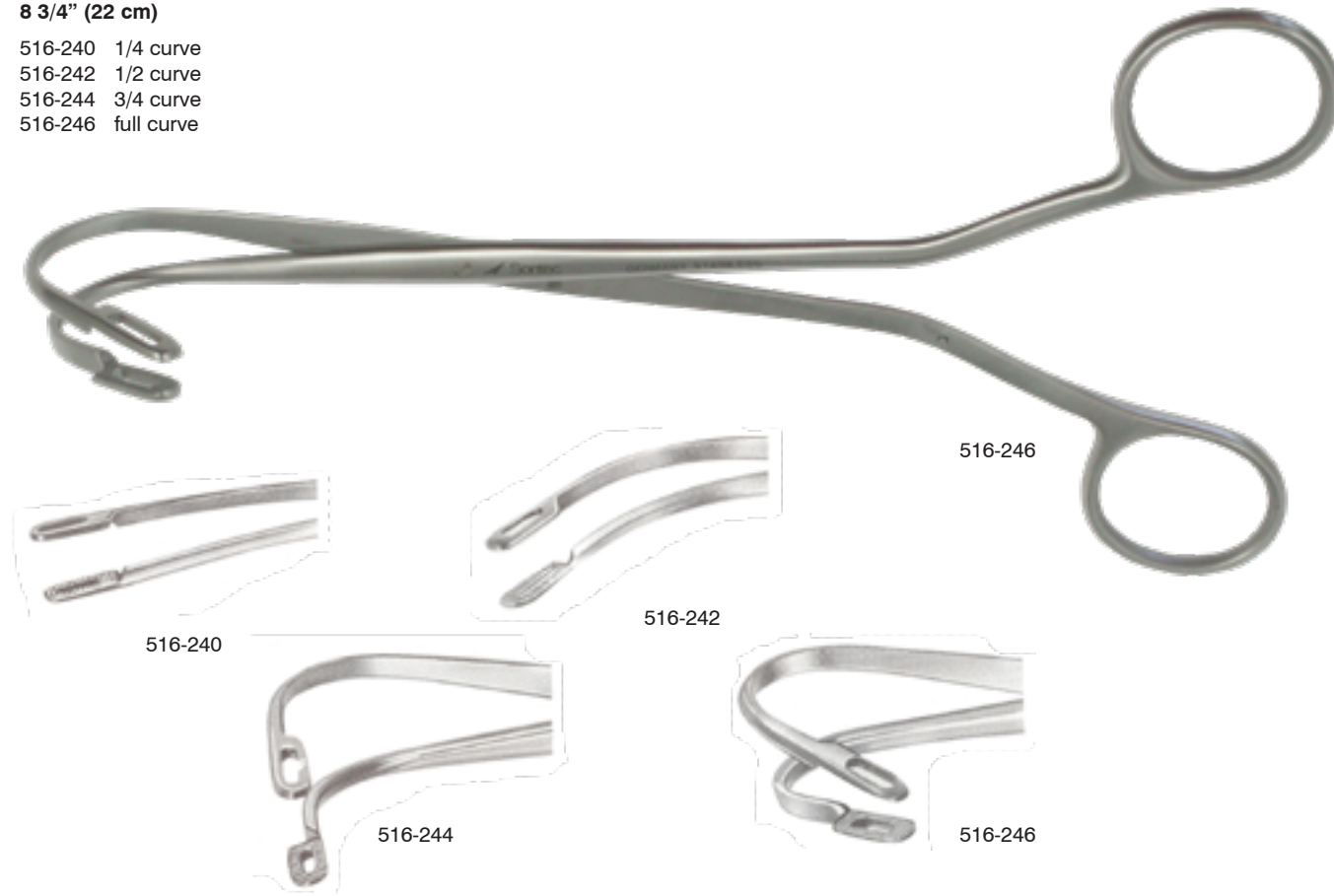
- 140-380 5 1/2" (13.5 cm)
- 140-381 6 1/4" (16 cm)
- 140-385 8" (20 cm)
- 140-383 9" (23 cm)



**Randall Kidney Stone Forceps**

8 3/4" (22 cm)

- 516-240 1/4 curve
- 516-242 1/2 curve
- 516-244 3/4 curve
- 516-246 full curve



**Ferguson Tenaculum Clamp Forceps**

6 3/4" (17 cm) / straight jaw

508-532



**Allis Tissue Forceps**

4 x 5 teeth

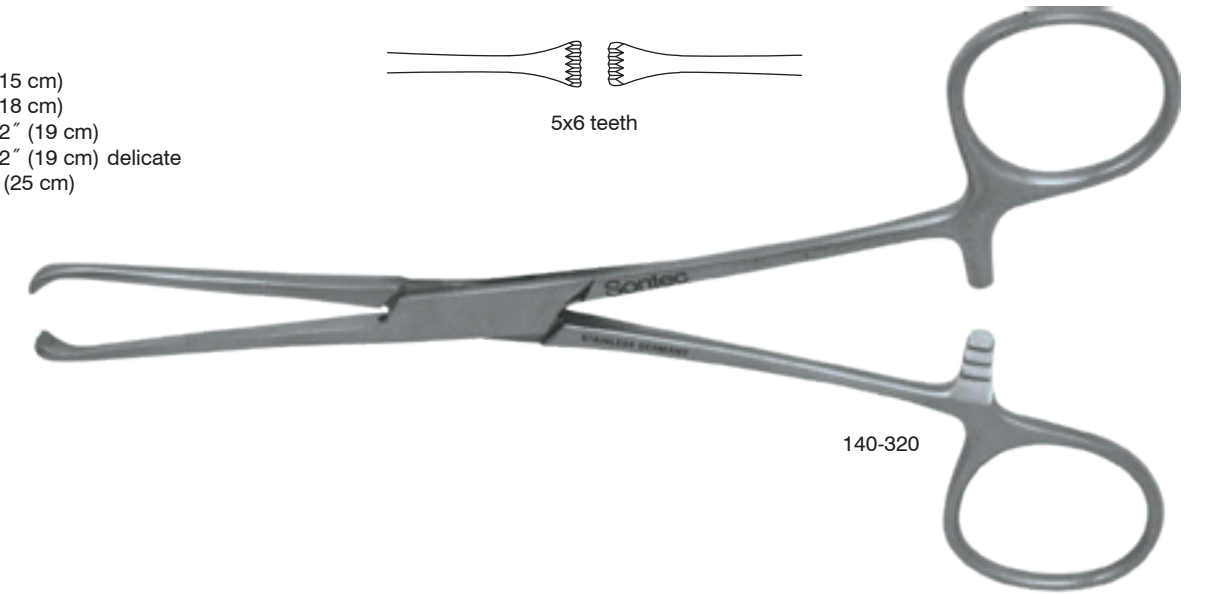
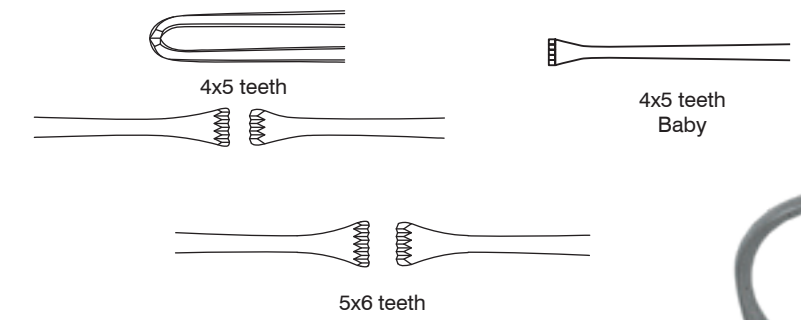
- 140-315 5 1/2" (14 cm) delicate
- 140-320 6" (15 cm)

Baby / 4 x 5 teeth

- 140-313 5" (12.5 cm)

5 x 6 teeth

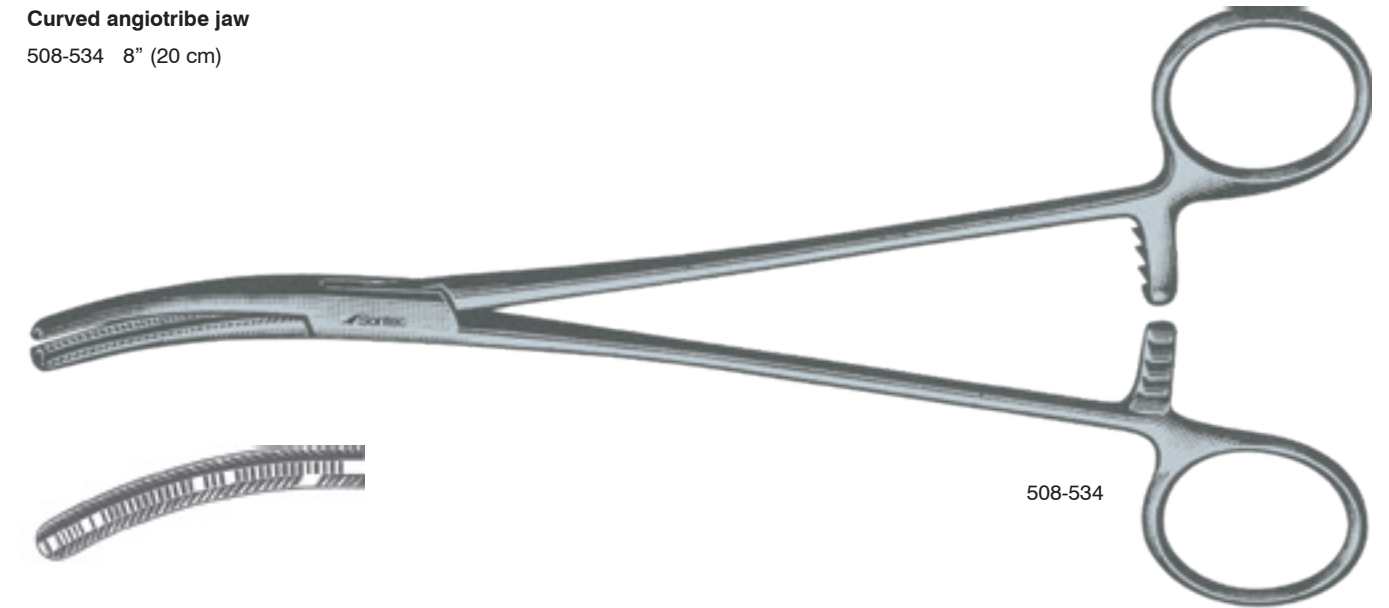
- 140-322 6" (15 cm)
- 140-330A 7" (18 cm)
- 140-329 7 1/2" (19 cm)
- 140-331 7 1/2" (19 cm) delicate
- 140-334 10" (25 cm)



**Buie Pile Clamp Forceps**

Curved angiotribe jaw

508-534 8" (20 cm)



**Foerster Sponge Forceps**

**Straight / serrated**

- 123-601 7" (18 cm)
- 123-603 8" (20.5 cm)
- 123-606 9 1/2" (24 cm))



**Straight / smooth**

- 123-600 7" (18 cm)
- 123-605 9 1/2" (24 cm)



**Curved / serrated**

- 123-611 7" (18 cm)
- 123-608 8" (20.5 cm)
- 123-616 9 1/2" (24 cm)

**Curved / smooth**

- 123-610 7" (18 cm)
- 123-615 9 1/2" (24 cm)



**Jones Towel Clamp Forceps**

**Cross action / stainless**

- 14-9990 2 1/4" (5.5 cm)
- 14-9992 3 1/2" (7.5 cm)

**Cross action / titanium**

- T14-9990 2 1/2" (6 cm)



**Backhaus Towel Forceps**

- 117-500 3 1/2" (9 cm)
- 117-500L 3 1/2" (9 cm) left handed
- T117-500 3 1/2" (9 cm) titanium

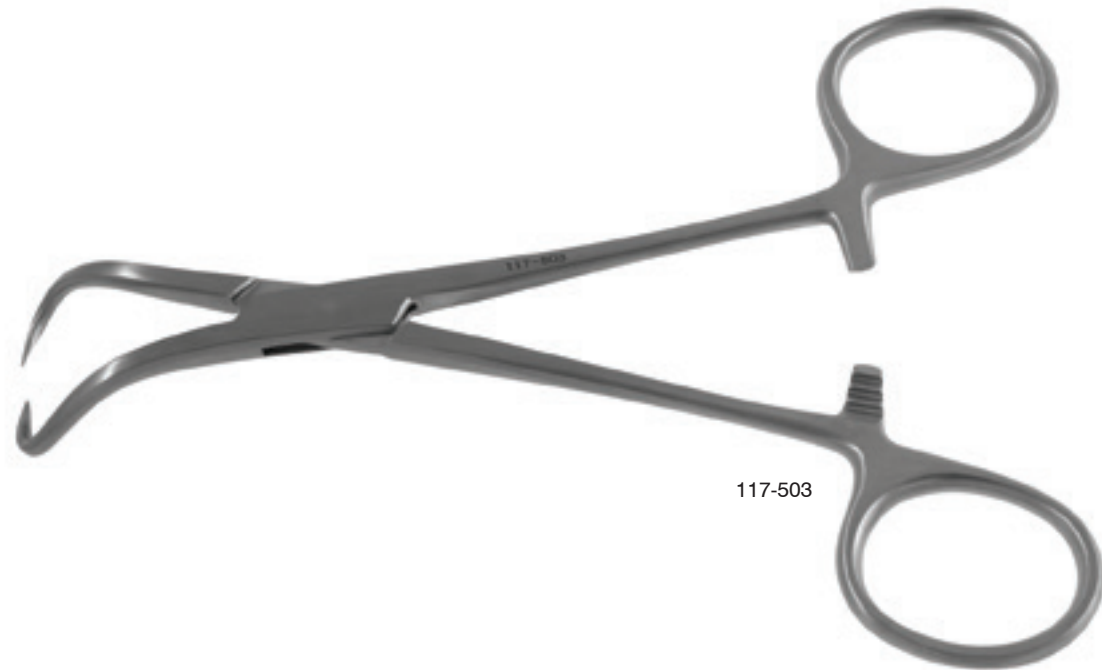


**Backhaus Towel Forceps**

117-501 4 1/4" (10.8 cm)  
117-503 5 1/4" (13.5 cm)



117-501



117-503

**Lorna-Edna Towel Forceps**

117-518 4" (10 cm)  
117-521 5 1/2" (14 cm)



117-518



117-521

**Tohoku Towel Forceps**

117-523 5 1/8" (13 cm)



117-523



 Sontec Instruments®

Neuro HOOKS

**Doolen Neuro Hook**

1 mm ball tip / 90° / 8" (20.5 cm)

- 2700-501 2 mm from angle
- 2700-502 3 mm from angle



**Krayenbuehl Nerve Hook**

90° / 7 1/4" (18.5 cm)

- 400-445 2 mm tip length
- 400-445C 2 mm tip length sharp
- 400-447 2 mm tip length 1 mm ball tip
- 400-446 3 mm tip length
- 400-448 3 mm tip length 1 mm ball tip



**Krayenbuehl Nerve Hook Extra Long Version**

Round Handle / special long model / 11" (27.9 cm)

- 400-445L 2 mm tip length
- 400-447L 2 mm tip length 1 mm ball tip
- 400-446L 3 mm tip length
- 400-448L 3 mm tip length 1 mm ball tip



**Tufts Pigtail Neuro Hook Probe**

With ball tip / twist right / large / 6 1/2" (16.5 cm)

412-443



**Culler Neuro Round Handle Hook**

Unique sharp 3 mm tip length / 5 1/2"

412-445D

5 mm tip length

- 412-445B 0.7 mm Ø x 5 mm tip length 4 3/4"
- 412-445A 1 mm Ø x 5 mm tip length 4 3/4"
- 412-445CL 1 mm tip Ø 6 1/4"

0.5 mm Ø tip

- 412-445C 3 mm tip length 4 5/8"
- 412-445AL 3 mm tip length 6 1/4"
- 412-445BL 2 mm tip length 6 1/4"

1 mm Ø 45° 4 mm tip / 6 1/4"

412-445EL



**Lucae Ear Hook**

Fine / indent ball end / 6" (15 cm)

- 468-169 2.0 mm
- 468-170 2.5 mm
- 468-171 3.0 mm
- 468-172 4.0 mm



468-171

**Wagner Hook**

5 1/2" (14 cm)

- 468-181 size 1
- 468-182 size 2
- 468-183 size 3
- 468-184 size 4
- 468-185 size 5



468-183



size 1



size 2



size 3



size 4



size 5

**Nerve Hook Titanium**

Bayonet / ball Tip (0.5mm) / 9 1/4" (23.5 cm)

412-618T



412-618T



**Cushing Dura Hook**

6 1/2" (16 cm)

412-414



412-414

**Cloward Dura Hook**

6 1/2" (16 cm)

412-415



412-415

**Graham Dura Hook**

6 1/2" (16 cm)

412-422



412-422

**Micro Hook Titanium**

90° graduation (1 mm) / 7 1/2" (19 cm)

2700-504



2700-504



enlarged to show tip detail



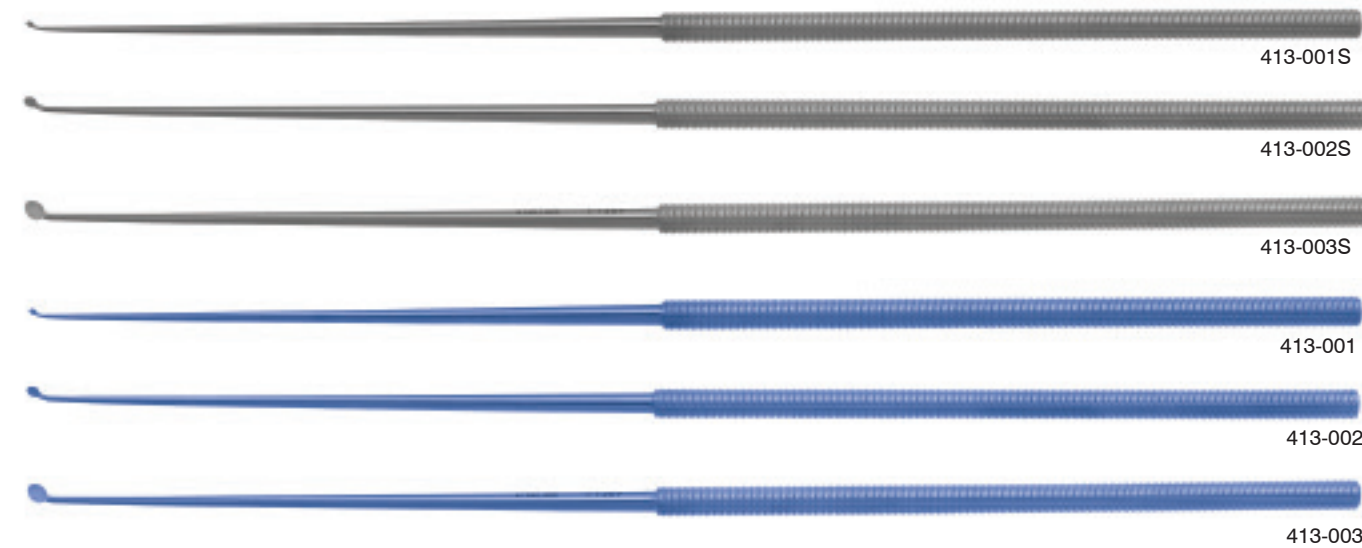
 Sontec Instruments®

Rhoton Jacobson Curette & Dissector Hook Set

**Rhoton Circular Dissector 45°**

Stainless steel / 7 1/2" (19 cm)

413-001S	1 mm	stainless steel
413-001	1 mm	titanium
413-002S	2 mm	stainless steel
413-002	2 mm	titanium
413-003S	3 mm	stainless steel
413-003	3 mm	titanium



**Rhoton Dissector / Raspatory**

7 1/2" (19 cm)

413-004S	2.8 mm	curved	stainless steel
413-004	2.8 mm	curved	titanium
413-005S	1 mm	angled	stainless steel
413-005	1 mm	angled	titanium



**Jacobson Hook**

Sharp / 2 mm / 90° / 7 1/2" (19 cm)

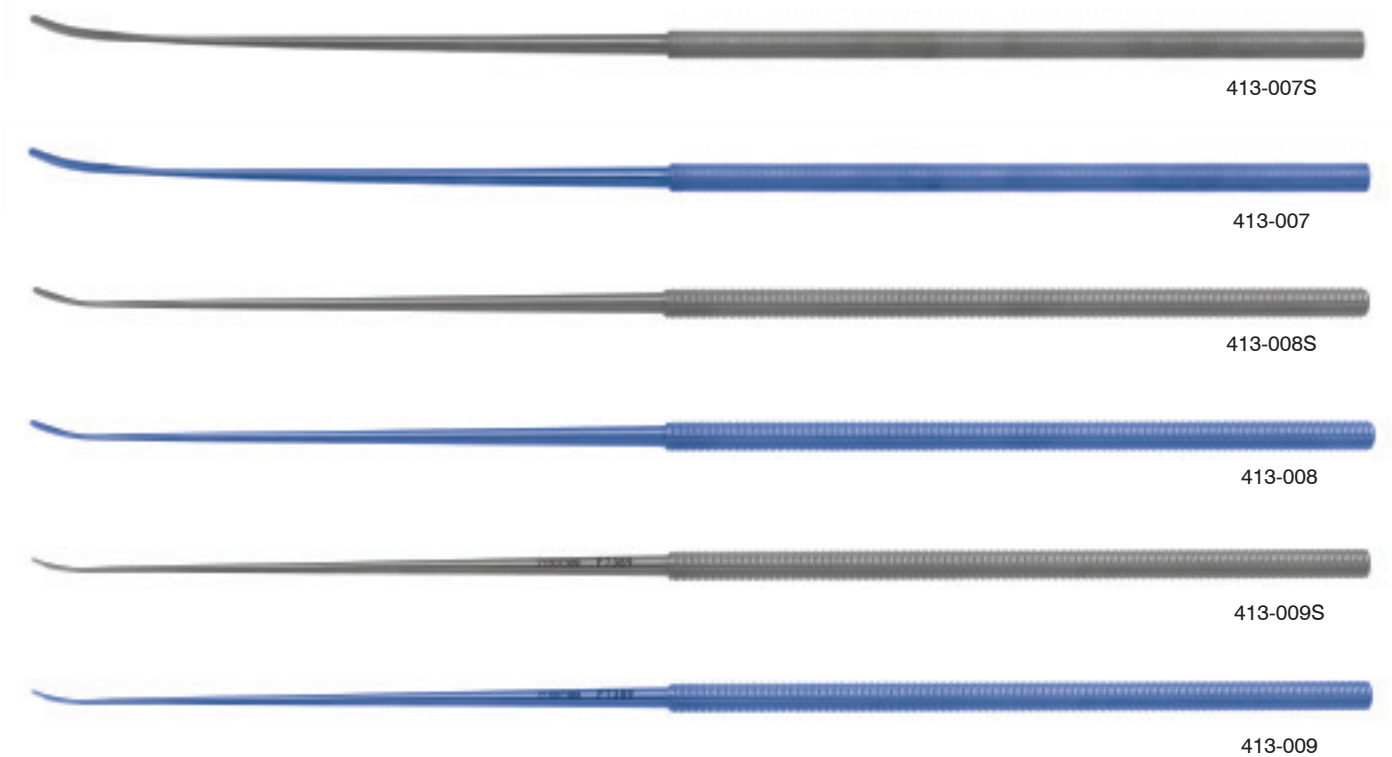
413-006S	stainless steel
413-006	titanium



**Rhoton Dissector / Raspatory**

Semi-sharp / 25° / 7 1/2" (19 cm)

413-007S	1.5 mm	stainless steel
413-007	1.5 mm	titanium
413-008S	2 mm	stainless steel
413-008	2 mm	titanium
413-009S	1 mm	stainless steel
413-009	1 mm	titanium



**Rhoton Hook**

7 1/2" (19 cm)

413-010S	90°	2 mm	blunt	stainless steel
413-010	90°	2 mm	blunt	titanium
413-011S	45°	3 mm	semi sharp	stainless steel
413-011	45°	3 mm	semi sharp	titanium



**Rhoton Pick**

Semi Sharp / straight / 7 1/2" (19 cm)

413-012S	stainless steel
413-012	titanium



**Rhoton Curette**

1 x 2 mm / 7 1/2" (19 cm)

413-013S	straight	stainless steel
413-013	straight	titanium
413-014S	45° angled	stainless steel
413-014	45° angled	titanium



**Jacobson Button End Probe**

Straight / blunt / 1 mm / 7 1/2" (19 cm)

413-015S	stainless steel
413-015	titanium



**Jacobson Hook Probe**

Angled 45° / 1x8 mm long / 7 1/2" (19 cm)

413-019S	stainless steel
413-019	titanium



**Jacobson Button End Hook Probe**

Angled 90° / 1 x 3.5 mm / 7 1/2" (19 cm)

413-016S	stainless steel
413-016	titanium



**Jacobson Hook Probe**

Blunt / Angled 90° / 1x5 mm long / 7 1/2" (19 cm)

413-017S	stainless steel
413-017	titanium

Blunt / Angled 45° / 1x5 mm long / 7 1/2" (19 cm)

413-018S	stainless steel
413-018	titanium



**Rhoton Instrument Tray**

**Stainless steel tray**

1103-708

\* instruments sold as complete set  
\* or can order individually / separate



**Rhoton Instrument Tray**

**Stainless solid**

1103-709

\* instruments sold as complete set  
\* or can order individually / separate





 Sontec Instruments®

ENT Plastic SUCTION ELEVATORS

**Pitanguy Raspatory Elevator With Suction**

7" (17 cm)

- 412-667A 2.5 mm
- 412-667B 3 mm
- 412-667D 3.5 mm
- 412-667C 4 mm



**Elevator With Suction**

7 1/4" (18.4 cm)

2700-320



**Nelms Suction Elevator**

- 2700-310 suction freer style sharp 7" (18 cm)
- 2700-312 suction freer style blunt 7" (18 cm)
- 2700-314 suction cottle style blunt 7 1/2" (19 cm)



**Daniel Endoscopic Forehead Elevator**

9 1/4" (23.5 cm)

478-370 slight curve with suction



**Pitanguy Elevator With Suction**

Blunt / 8" (20 cm)

475-855



**Haraldsson Elevator with Suction**

Distal tube connection swivels / 7 1/2" (19 cm)

478-360



**Gorney Elevator With Suction**

7 3/4" (20 cm)

478-375



**Gubisch Suction Elevator**

Straight

- 478-380 6"
- 478-382 8" bayonet



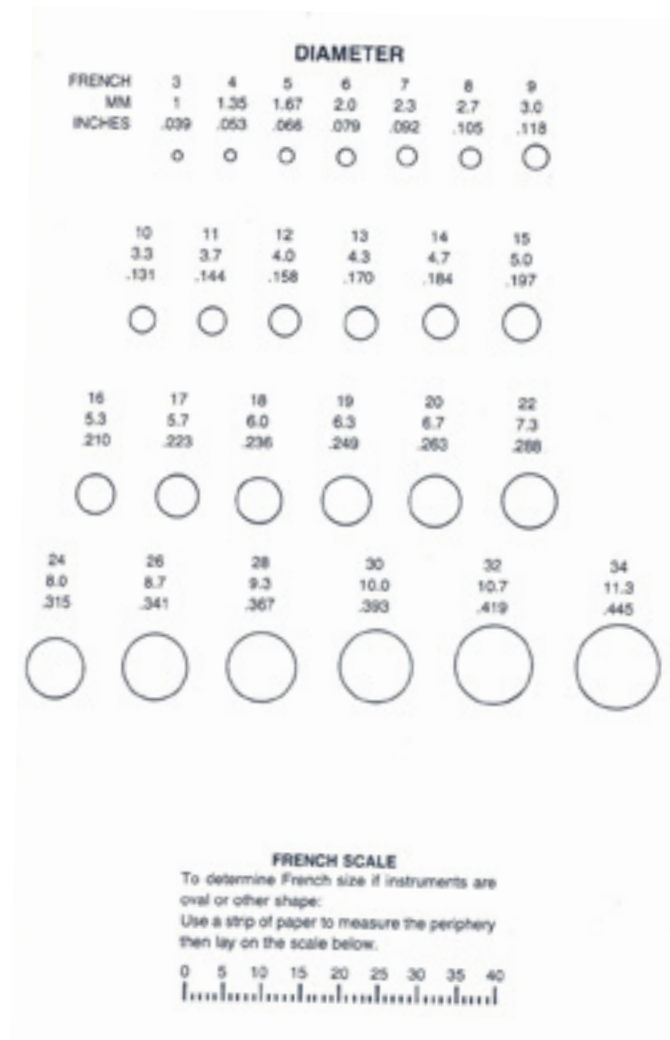


 Sontec Instruments®

SUCTION Selection

## General Suction Information

### French measurement scale for determining suction tube diameter



### Frazier Angled Suction

#### Finger cut-off hole to control suction / angled / 7" (18 cm)

- 412-677 3 french
- 412-678 4 french
- 412-679 5 french
- 412-680 6 french
- 412-681 7 french
- 412-682 8 french
- 412-683 9 french
- 412-684 10 french
- 412-685 11 french
- 412-686 12 french
- 412-688 15 french

#### 9" (23 cm)

- 412-705 10 french



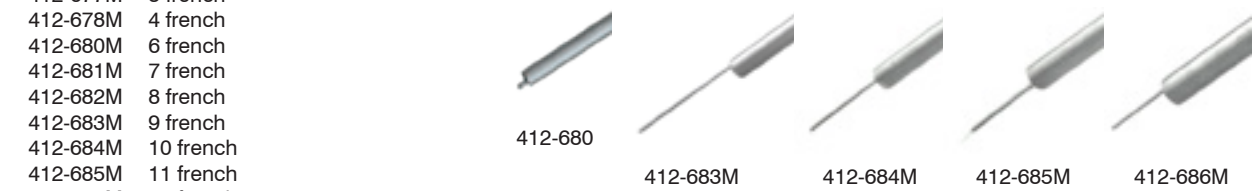
#### Finger cut-off hole to control suction / angled / malleable / 7" (18 cm)

- 412-677M 3 french
- 412-678M 4 french
- 412-680M 6 french
- 412-681M 7 french
- 412-682M 8 french
- 412-683M 9 french
- 412-684M 10 french
- 412-685M 11 french
- 412-686M 12 french
- 412-688M 15 french

\* special order

#### Finger cut-off slot to control suction / angled / 7" (18 cm)

- 412-677L 3 french
- 412-678L 4 french
- 412-679L 5 french
- 412-680L 6 french
- 412-681L 7 french
- 412-682L 8 french
- 412-683L 9 french
- 412-684L 10 french
- 412-685L 11 french
- 412-686L 12 french



**Frazier Straight Suction**

Finger cut-off hole to control suction / straight / 7" (18 cm)

- 412-689 5 french
- 412-690 6 french
- 412-691 7 french
- 412-692 8 french
- 412-694 10 french
- 412-696 12 french



9" (23 cm)

- 412-700 6 french
- 412-701 7 french
- 412-702 8 french
- 412-704 10 french
- 412-706 12 french



**Frazier Insulated Suction**

Finger cut-off hole to control suction / angled / Insulated electro coated tube / 7" (18 cm)

- 412-677I 3 french
- 412-678I 4 french
- 412-679I 5 french
- 412-680I 6 french
- 412-681I 7 french
- 412-682I 8 french
- 412-683I 9 french
- 412-684I 10 french
- 412-685I 11 french
- 412-686I 12 french



**Fukushima Suction**

Tapered tube shaft / teardrop finger control / 7" (18 cm) working length

- 180-403 3 fr
- 180-404 4 fr
- 180-405 5 fr
- 180-406 6 fr
- 180-407 7 fr
- 180-408 8 fr
- 180-409 9 fr
- 180-410 10 fr
- 180-411 11 fr
- 180-412 12 fr



Tapered tube shaft / teardrop finger control / 8" (20.5 cm) working length

- 180-373 3 fr
- 180-374 4 fr
- 180-375 5 fr
- 180-376 6 fr
- 180-377 7 fr
- 180-378 8 fr
- 180-379 9 fr
- 180-380 10 fr
- 180-381 11 fr
- 180-382 12 fr

\* Also available in 6 1/2" sizes



**Rhoton Micro Neuro Suction**

**Specially blunted atraumatic tips / 80 mm working length**

- 412-839 3 french
- 412-840 5 french
- 412-844 7 french
- 412-841 10 french

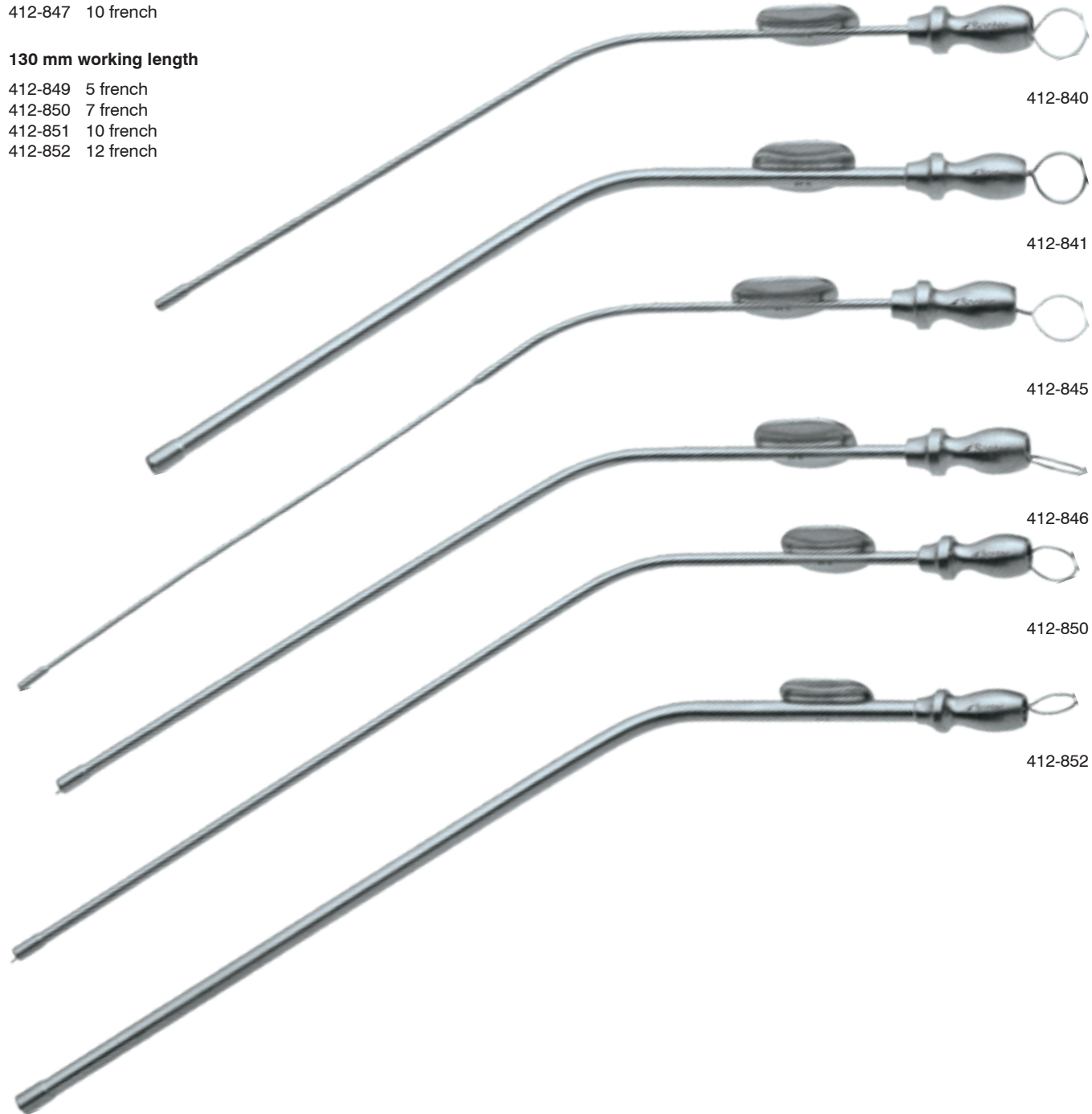


**100 mm working length**

- 412-845 3 french
- 412-848 5 french
- 412-846 7 french
- 412-847 10 french

**130 mm working length**

- 412-849 5 french
- 412-850 7 french
- 412-851 10 french
- 412-852 12 french



**Sontec Neuro Suction**

**tapered tubing for increased flow / short shaft / 3 hole finger control / 2 3/4" (7 cm)**

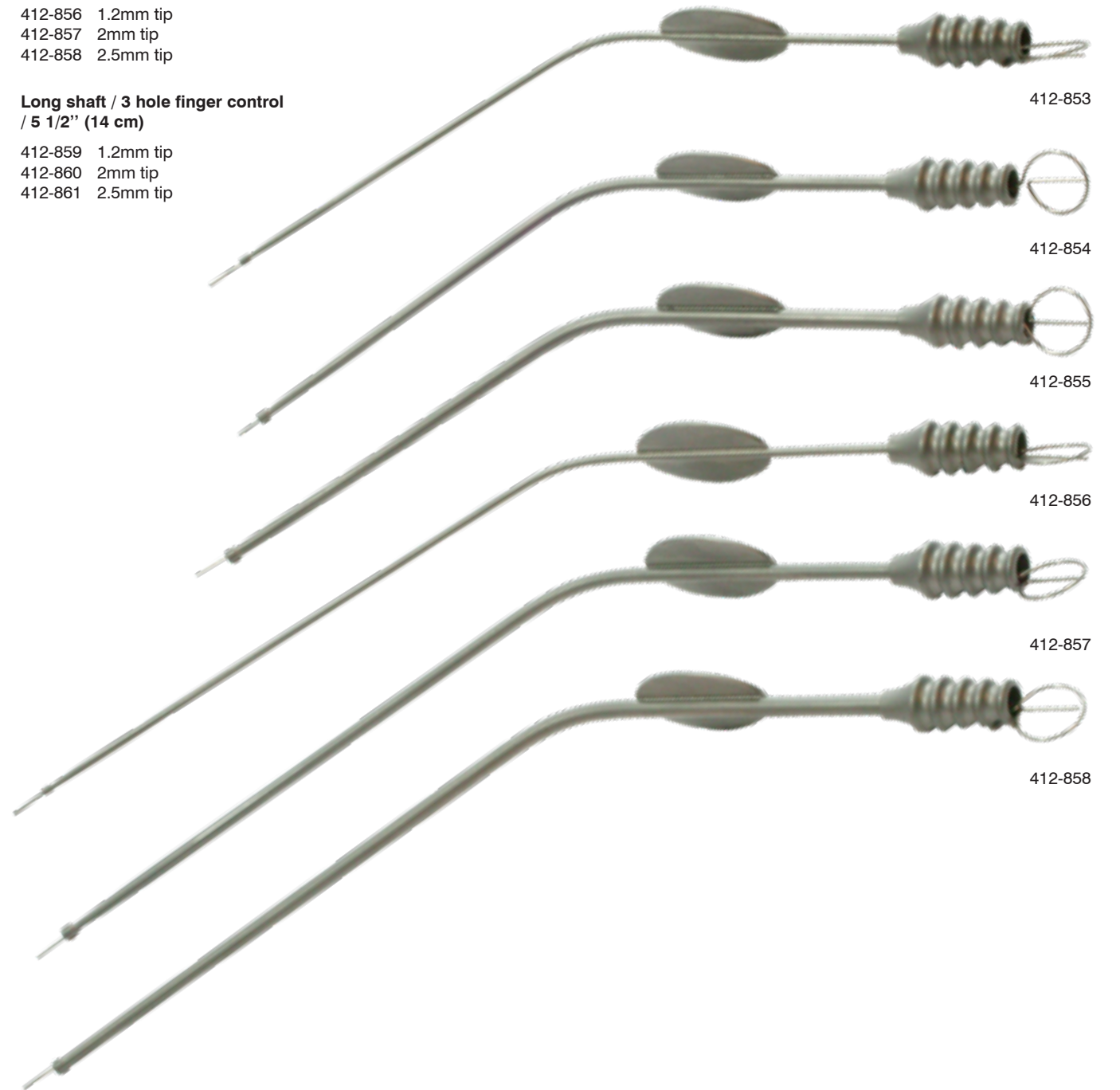
- 412-853 1.2mm tip
- 412-854 2mm tip
- 412-855 2.5mm tip

**Medium shaft / 3 hole finger control / 4" (10 cm)**

- 412-856 1.2mm tip
- 412-857 2mm tip
- 412-858 2.5mm tip

**Long shaft / 3 hole finger control / 5 1/2" (14 cm)**

- 412-859 1.2mm tip
- 412-860 2mm tip
- 412-861 2.5mm tip



**Schmid Suction Tips**

6" (15 cm)

- 412-736-1
- 412-736-2
- 412-736-3
- 412-736-4



**Suction Irrigation Tube**

5 mm / with stylet / 8" (20 cm)

- 412-830 4 french x 8 french



**House-Baron Suction**

With multi port / 5" (12.5 cm)

- 412-728 5 french
- 412-728B 7 french

7" (18 cm)

- 412-729 5 french
- 412-729B 7 french

11" (28 cm)

- 412-727A 5 french
- 412-727B 7 french



**House Irrigator/Suction**

With thumb plate and cutoff (bypass hole) / 70mm working length / 4 1/2" (11.5 cm)

- 412-715A 2.5 french x 4 french
- 412-715C 4 french x 5 french

85mm working length / 5" (13 cm)

- 412-715 2 french x 2.5 french

95mm working length / 5 1/2" (14cm)

- 412-715B 2.5 french x 4 french
- 412-7151B 3 french x 4 french
- 412-715D 4 french x 5 french
- 412-716 5 french x 7 french
- 412-716A 6 french x 8 french
- 412-717 7 french x 10 french
- 412-718 8 french x 12 french
- 412-719 12 french x 14 french



**Buie Suction Tube**

With finger valve / 16" (40.5 cm)

- 508-523 15 french



**Andrews Pynchon Suction**

**Stainless / 9 1/2" (24 cm)**

- 180-432 3.0 mm
- 180-433 4.2 mm
- 180-436 5.0 mm standard

**Chrome handle / standard 5 mm / 9 1/2" (24 cm)**

180-439



**Anthony Suction**

**4 mm tip / 10" (25.5 cm)**

180-440



**Braun-Ralph Suction**

**5mm suction tube / 70° angle  
with 7 mm Ø 40 mm long fluted  
tip / 10" (25.5 cm)**

2700-309



**Yankauer Suction**

**Stainless Steel / 11 3/4" (30 cm)**

180-448



**With universal fiber optic light guide /  
stainless steel / 11 1/4" (28.5 cm)**

180-449 2mm



**Stainless steel / 16" (41 cm)**

180-451 2mm



**Heartline Ross Sump Sucker**

**Swivel head**

2700-390 adult 4.8mm x 7.5mm O.D. x 43mm length  
 2700-392 child 4.8mm x 6.5mm O.D. x 32.5mm length  
 2700-394 infant 3.2mm x 5mm O.D. x 22.5mm length



**Baby Poole Suction**

**Curved / 17 french / 8" (20.3 cm)**

180-420



**Poole Suction**

**8 3/4" (22 cm)**

180-424 cvd 23 french  
 180-422 str 30 french



**Adson Suction**

**Curved tip**

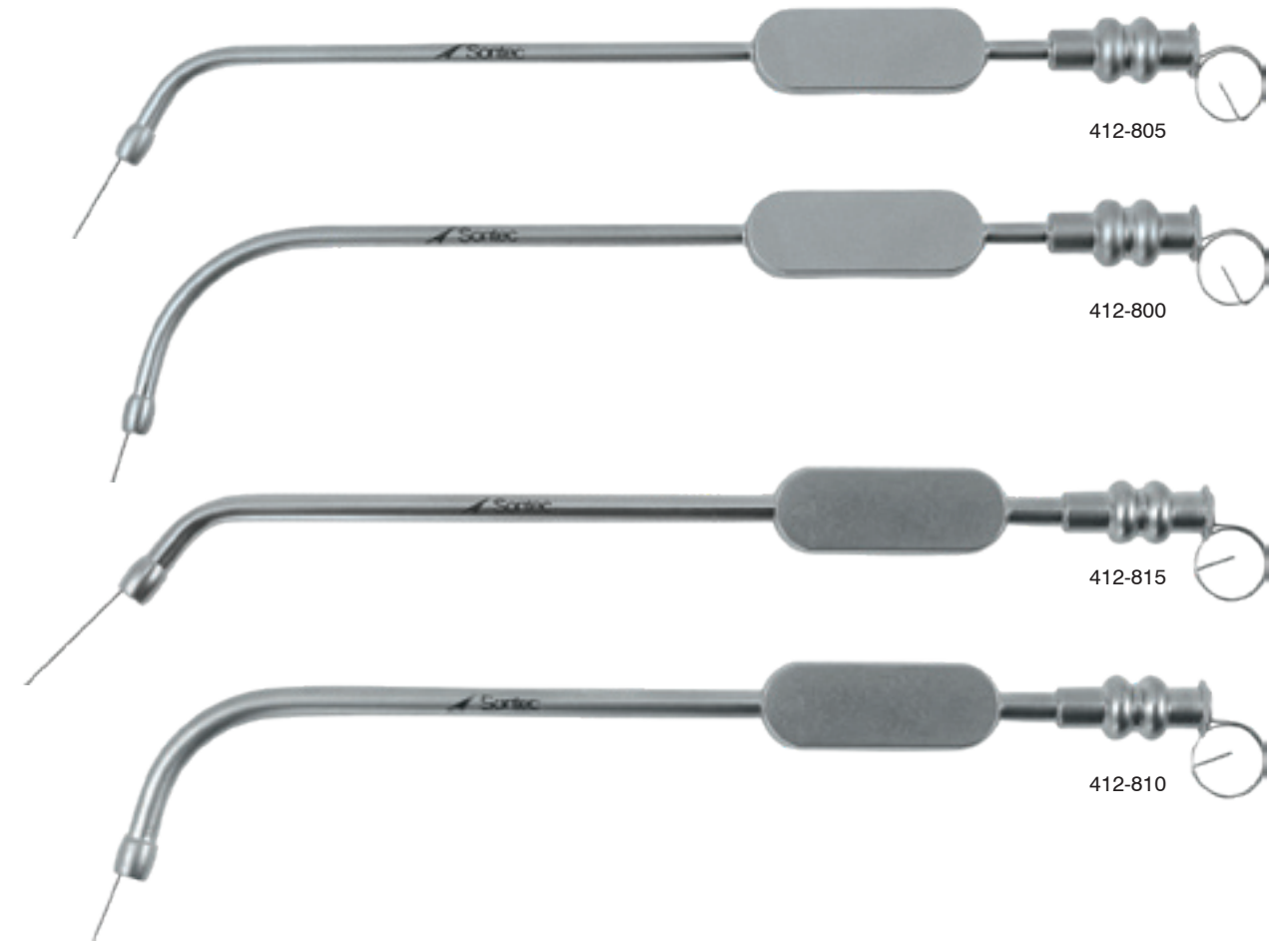
412-720 12 french 5" (12.5 cm)  
 412-724 12 french 8" (20 cm)



**Killian (Von Eicken) Suction**

**Curved / 6" (15 cm)**

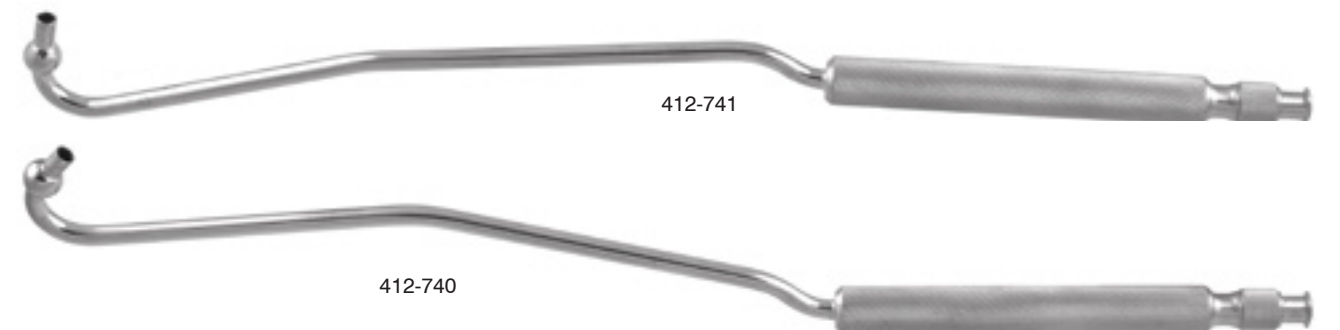
412-815 4 mm end short curve  
 412-810 4 mm end full long curve  
 412-805 3 mm end short curve  
 412-800 3 mm end long curve



**Sontec Perfusion Cannula Suction**

**For pediatric Use**

412-740 style #1  
 412-741 style #2





 Sontec Instruments®  
BANDAGE & SUTURE SCISSORS

**Sontec® Scissors are simply unmatched in design, function, quality and variety. Sontec Scissors are offered in any model blade, shape or size in all of our model options listed below:**

**Classic Model**

- Combining extremely high quality with unmatched value
- Satin or high gloss finish

**Tungsten Carbide - TC inserts**

**Gold Rings**

- diamond-ground tungsten-carbide inserts
- extremely sharp
- Blade hardness greatly increases scissor life
- available with or without serrations

**Powercut blades® - PC gold**

**Gold Rings with Stripes on Shanks**

- sharpest cutting edge available
- serrated unless otherwise requested
- Finished in Sontec's Trademarked PC Gold design
- All the attributes of Sontec PC Black scissors

**Powercut blades® - PC black**

**Black Rings**

- All the attributes of Sontec PC Gold
- Beautifully ornamented in black chrome

**Tungsten Carbide / Power Cut - TC/PC:**

**Gold Ring / Black Ring**

- Serrated unless otherwise requested
- a combination of the best options
- HANDLE: one gold ring, one black ring
- This premier line encompasses TC long life, PC power, and Sontec Quality

**Ceramic Coated Scissors:**

**Black Ring**

- offered to protect your investment even further by putting the instrument into an extremely hard coating which adds more life to your Sontec Scissors
- Offered in either PC or TC/PC models



**Spencer Suture Scissors**

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

- 1100-295 straight
- 1100-296 curved

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

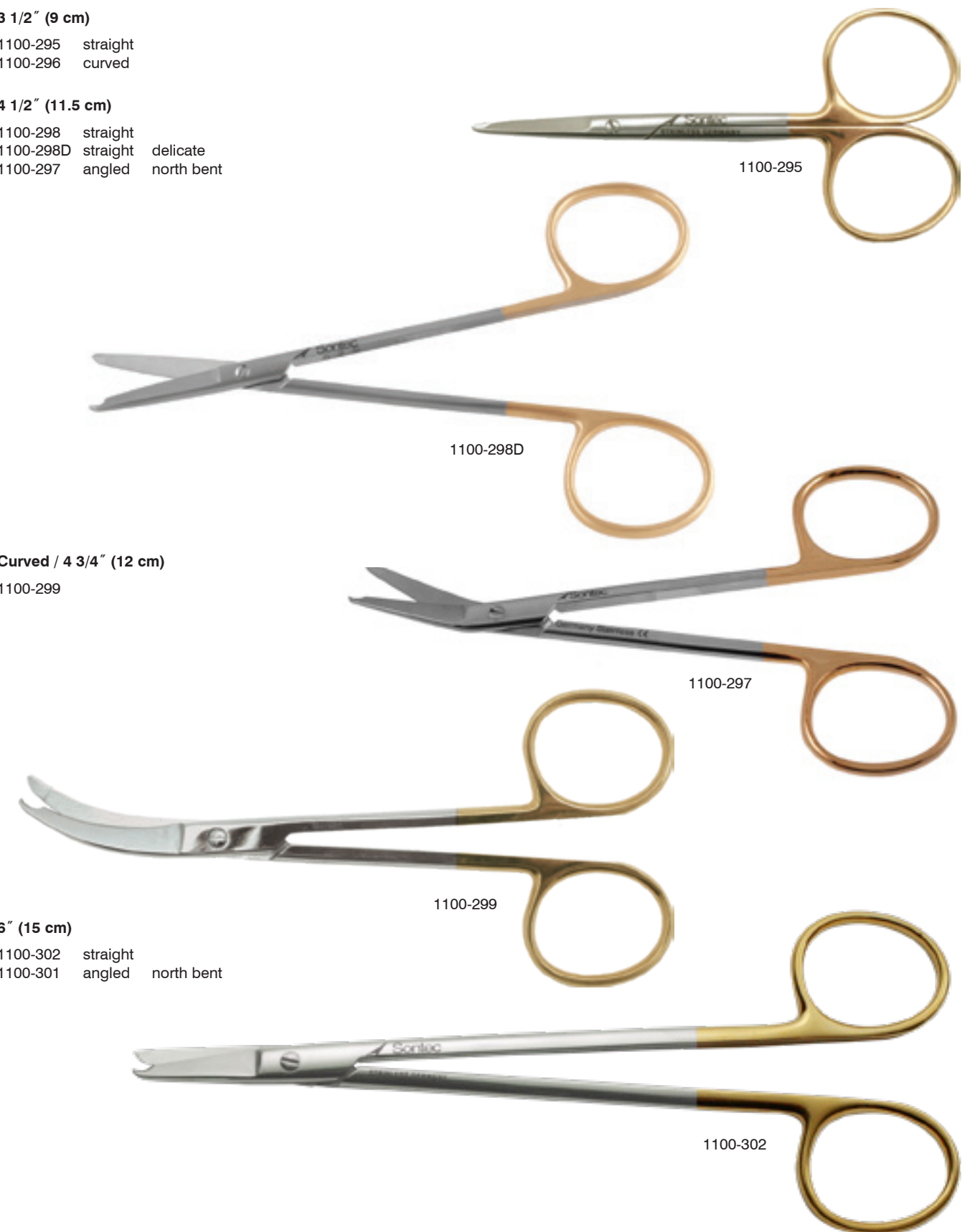
- 1100-298 straight
- 1100-298D straight delicate
- 1100-297 angled north bent

**Curved / 4 3/4" (12 cm)**

- 1100-299

**6" (15 cm)**

- 1100-302 straight
- 1100-301 angled north bent



**Wire Suture Scissors**

**Serrated / 4 1/4" (10.5 cm)**

- 1100-304 straight
- 1100-306 curved

**Curved / 4 3/4" (12 cm)**

- 1100-305

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

- 1100-308 serrated
- 1100-310 TC serrated



1100-304



1100-305

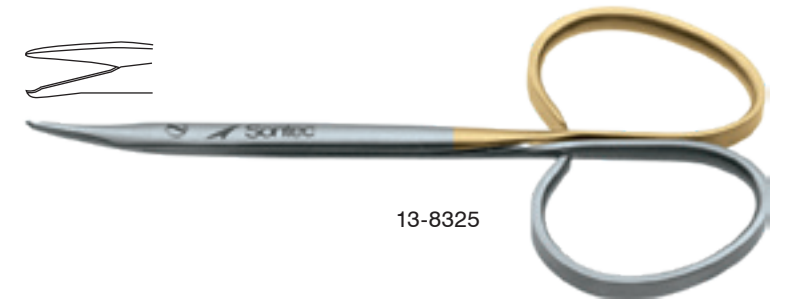


1100-310

**Reeh Stitch Scissors**

**Sharp / ribbon handle / 4" (10 cm)**

- 13-8325 curved



13-8325

**Northbent Stitch Scissors**

**Curved sideways / 4 3/4" (12 cm)**

- 134-296



134-296

**Heath Suture Scissors**

Serrated / 6 1/8" (15.5 cm)  
134-288



**Smith Wire Cutting Scissors**

1 blade serrated / straight / notched tip / 4 3/4" (12.1 cm)  
1100-307



**Lister Bandage Scissors**

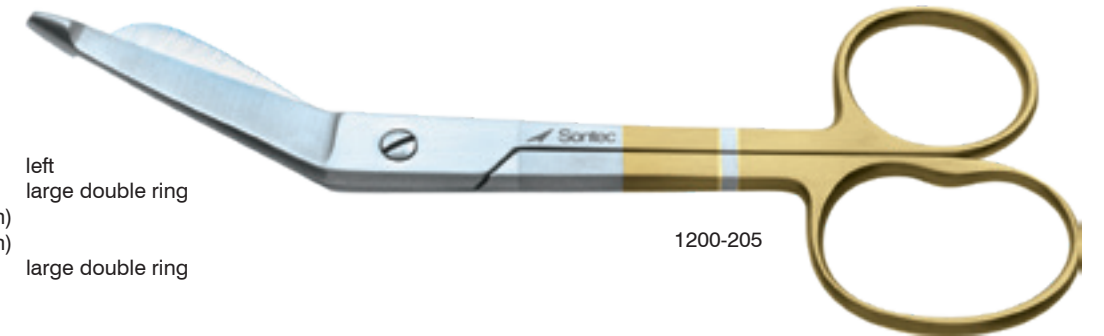
**Classic**

- 110-340 3 1/2" (9 cm)
- 110-344 4 3/4" (12.1 cm)
- 1100-204 5 1/2" (14 cm)
- 1100-204L 5 1/2" (14 cm) left
- 110-345 6 1/4" (15.9 cm)
- 1100-206 7 1/4" (18.5 cm)
- 1100-205 8" (20 cm)
- 110-351 8" (20 cm) large double ring



**PC gold**

- 1200-202 3 1/2" (9 cm)
- 1200-203 4 3/4" (12 cm)
- 1200-204 5 1/2" (14 cm)
- 1200-204L 5 1/2" (14 cm) left
- 1200-205 5 1/2" (14 cm) large double ring
- 110-347 6 1/4" (15.9 cm)
- 1200-206 7 1/4" (18.5 cm)
- 1200-210 8" (20 cm) large double ring
- 1200-208 8" (20 cm)



**TC/PC**

- 1200-482 7 1/4" (19 cm)
- 1200-485 5 1/2" (14 cm)
- 1200-488 8" (20.3 cm)



**PC Black**

- 1200-686 5 1/2" (14 cm)
- 1200-688 7 1/4" (18.5 cm)
- 1200-689 8" (20.3 cm) large double ring



**Knowles Bandage Scissors**

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

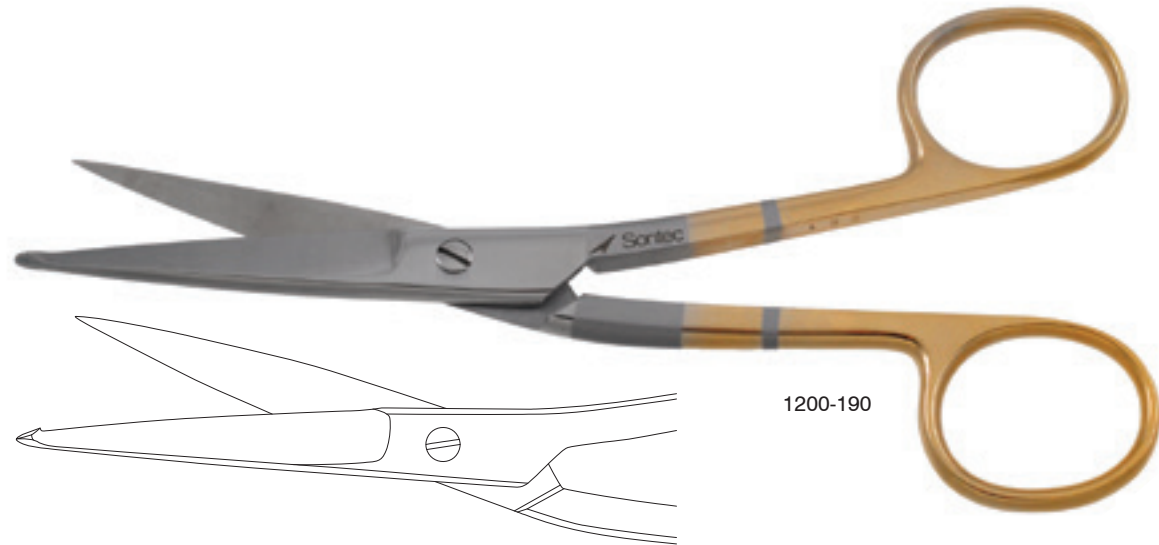
- 1100-207 classic
- 1200-192 PC gold

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

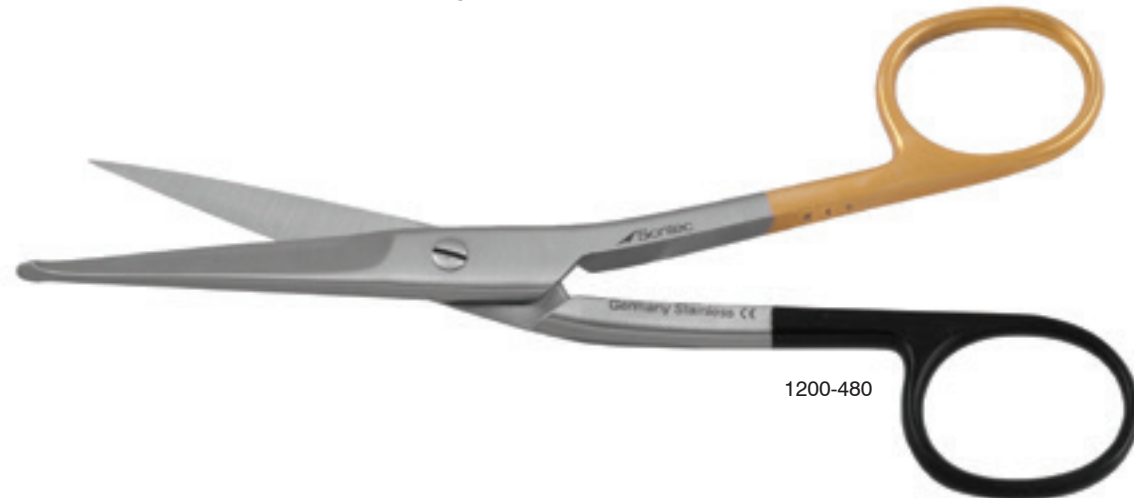
- 1100-208 serrated
- 1200-190 PC gold
- 1200-690 PC black
- 1200-480 TC/PC



1200-690



1200-190

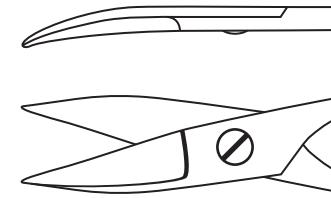


1200-480

**Nemetz Bandage Scissors**

Curved / 3 1/2" (14 cm)

1103-873

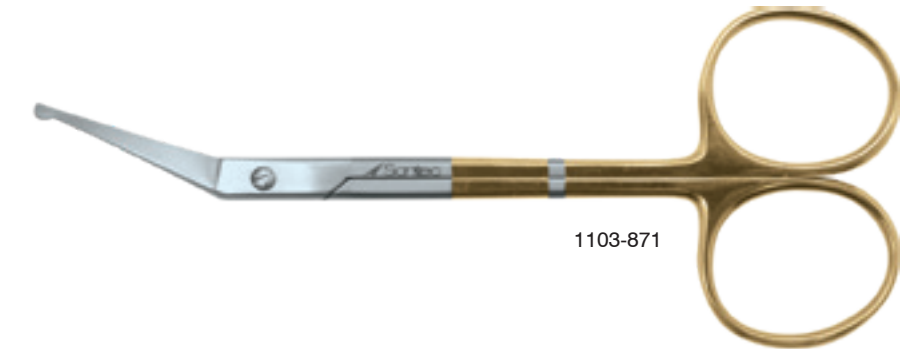


1103-873

**Harris Micro Bandage Scissors**

One serrated blade / ball tip / 4 1/2" (11.5 cm)

- 1103-870 straight
- 1103-871 angled



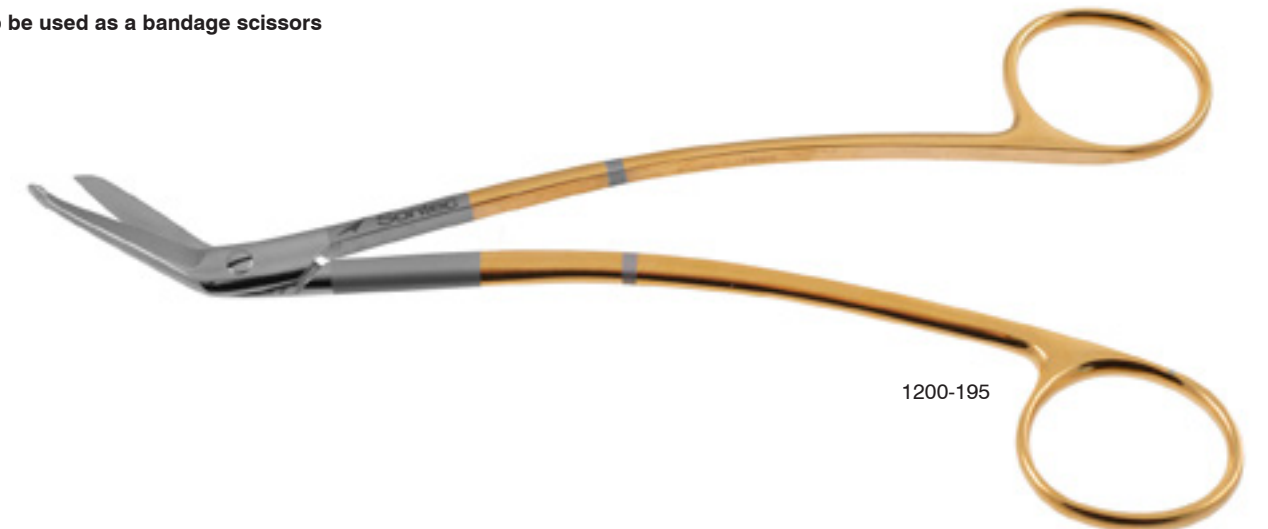
1103-871

**Taylor Dura Scissors**

Beaded tip / PC Gold / 6 1/2" (16.5 cm)

\*Can also be used as a bandage scissors

1200-195



1200-195

**Hercules Bandage/ Plaster Scissors**

One serrated blade / 8" (19.5 cm)  
240-620



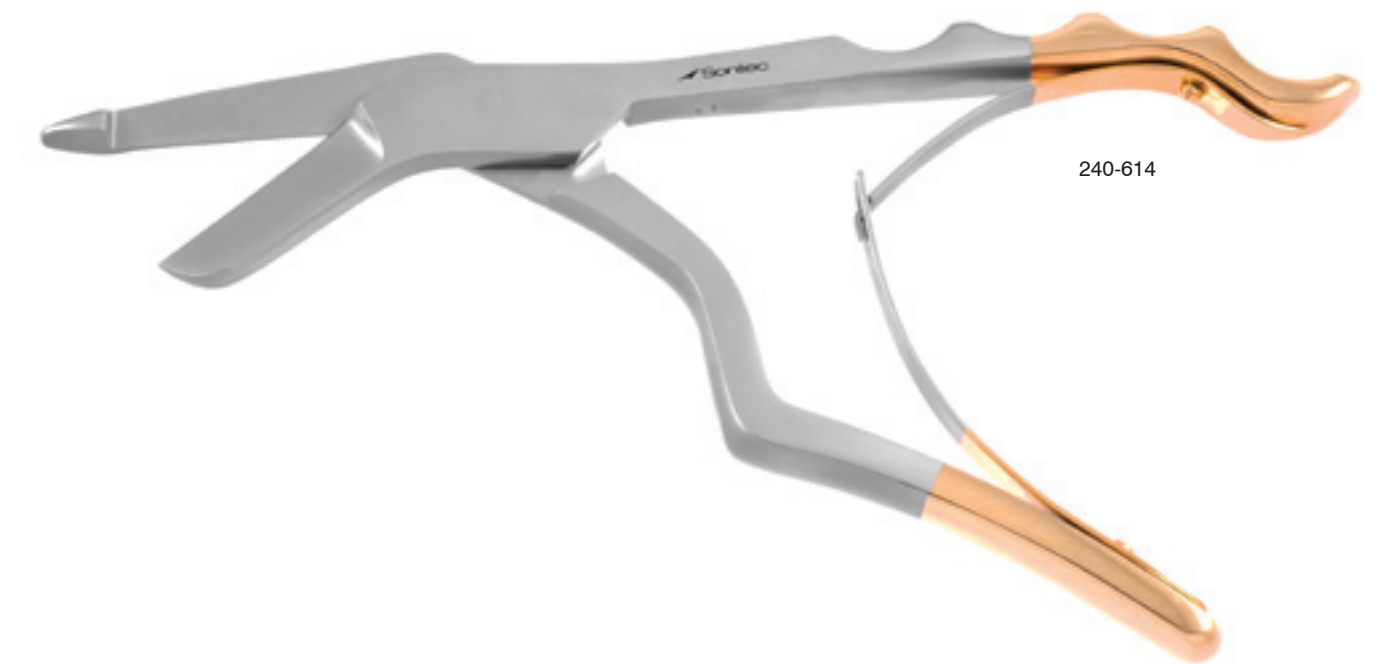
**Commander Utility Shears**

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



**Heavy Synthetic Cast Shears**

Blunt tip / 9" (22.9 cm)  
240-613  
240-614 TC



**Utility Scissors**

Autoclavable - serrated / fluoride coated blade / 8 1/4" (21 cm)

- 1100-209-Green green handle
- 1100-209-Pink hot pink handle
- 1100-209-Purple lavender handle
- 1100-209-Blue bright blue handle
- 1100-209-Black black handle



**Nurse's Scissors**

Fluoride coated blades- help prevent adhesive from sticking to the blades surface / 5 1/2" (14 cm)

- 1100-201P pink
- 1100-201B blue





 Sontec Instruments®

MAYO SCISSORS

**Sontec® Scissors are simply unmatched in design, function, quality and variety. Sontec Scissors are offered in any model blade, shape or size in all of our model options listed below:**

**Classic Model**

- Combining extremely high quality with unmatched value
- Satin or high gloss finish

**Tungsten Carbide - TC inserts**

**Gold Rings**

- diamond-ground tungsten-carbide inserts
- extremely sharp
- Blade hardness greatly increases scissor life
- available with or without serrations

**Powercut blades® - PC gold**

**Gold Rings with Stripes on Shanks**

- sharpest cutting edge available
- serrated unless otherwise requested
- Finished in Sontec's Trademarked PC Gold design
- All the attributes of Sontec PC Black scissors

**Powercut blades® - PC black**

**Black Rings**

- All the attributes of Sontec PC Gold
- Beautifully ornamented in black chrome

**Tungsten Carbide / Power Cut - TC/PC:**

**Gold Ring / Black Ring**

- Serrated unless otherwise requested
- a combination of the best options
- HANDLE: one gold ring, one black ring
- This premier line encompasses TC long life, PC power, and Sontec Quality

**Ceramic Coated Scissors:**

**Black Ring**

- offered to protect your investment even further by putting the instrument into an extremely hard coating which adds more life to your Sontec Scissors
- Offered in either PC or TC/PC models



**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
- 2400-704 PC black
- 1200-550 TC/PC

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

- 110-272 classic
- 1100-280R TC
- 2400-197 PC gold
- 2400-702 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)**

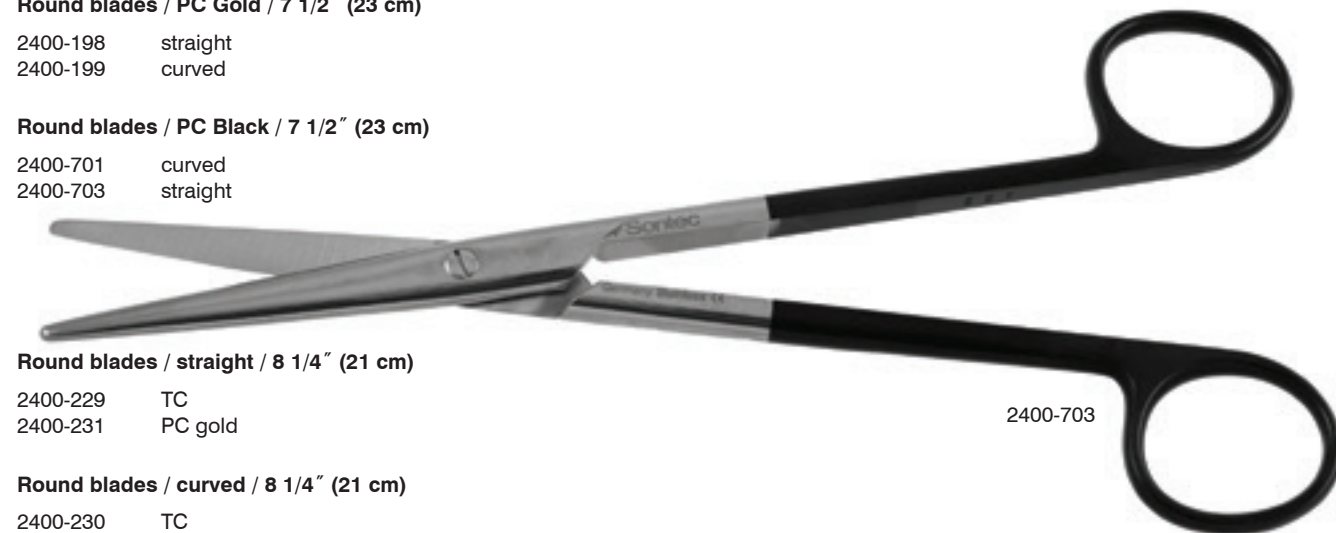
- 2400-701 curved
- 2400-703 straight

**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 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
- 1100-256L left-handed
- 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-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



2400-222

**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



1200-548

**Mayo-Carroll Scissors**

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

- 1100-276 straight
- 1100-282 curved

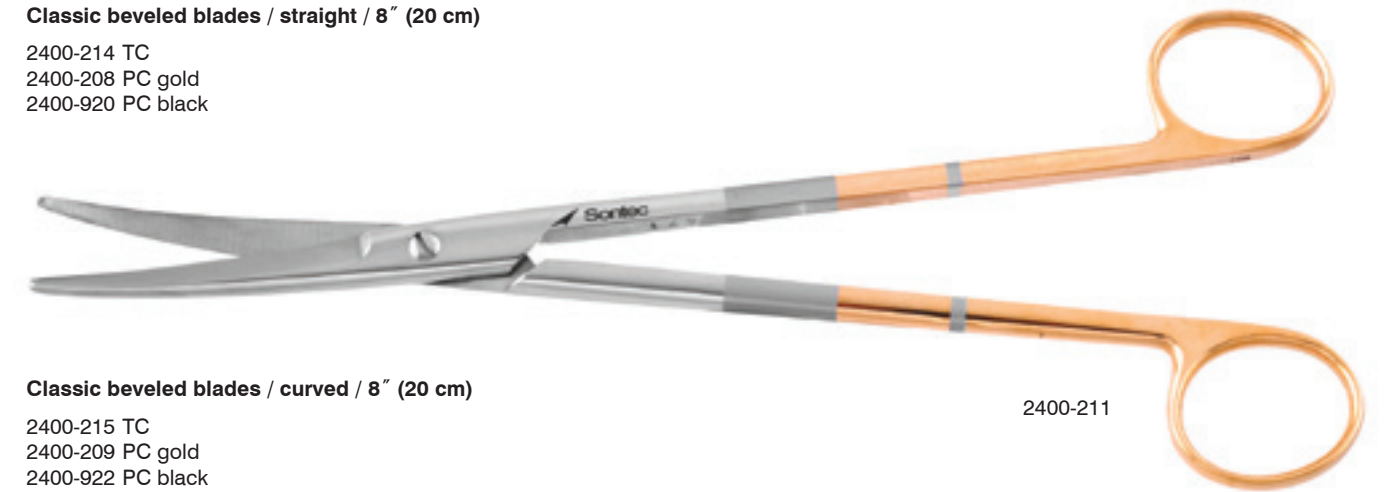


1100-282

**Mayo-Harrington Scissors**

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

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



2400-211

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



2400-214

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

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

Classic beveled blades / curved / PC Gold / 12" (30.5 cm)

- 1200-259

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

- 2400-212



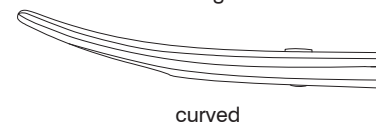
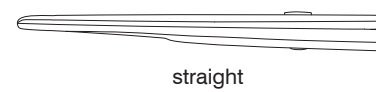
 Sontec Instruments®

METZENBAUM SCISSORS

**Metzenbaum Classic Model Scissors**

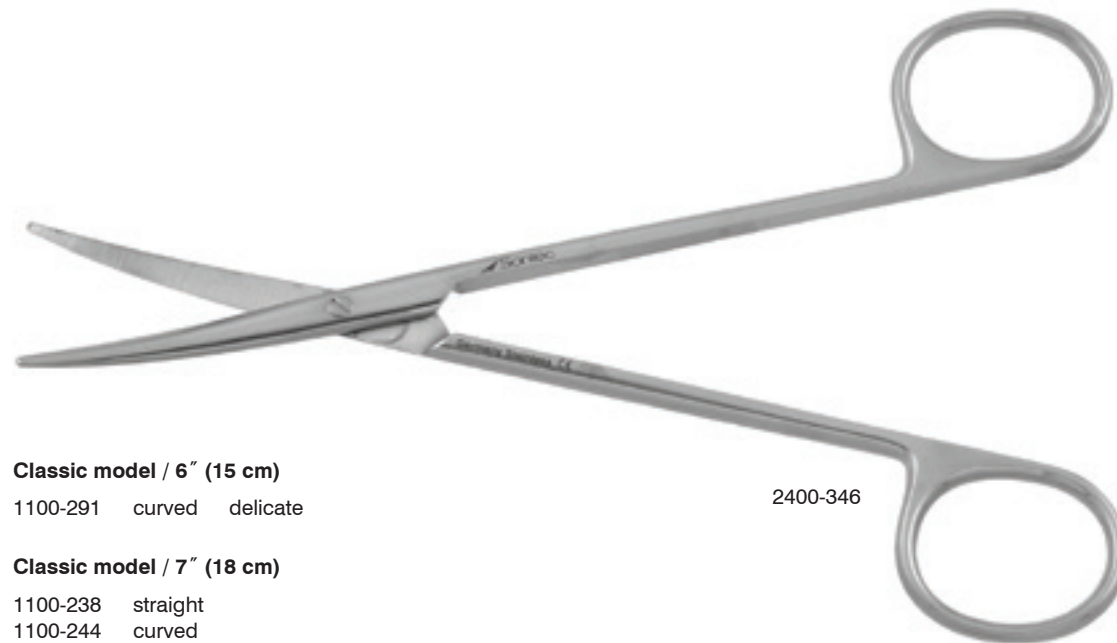
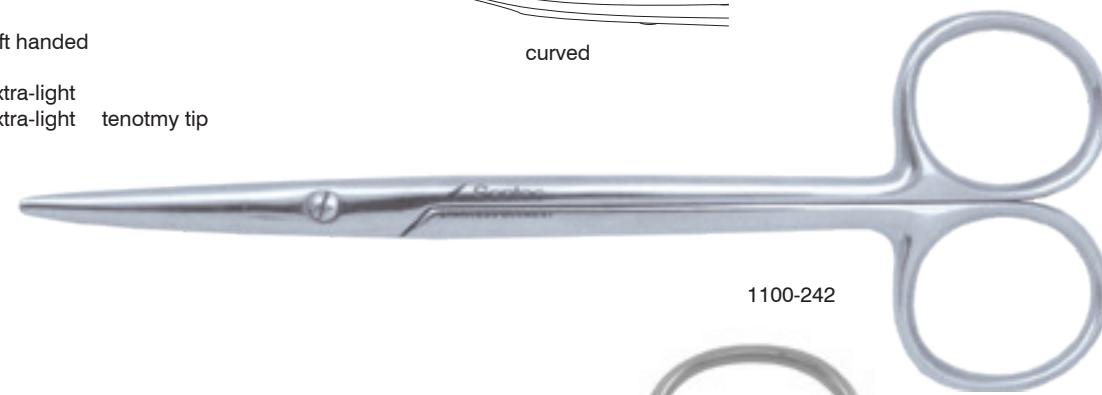
**Classic model / 4 1/2" (11.5 cm)**

- 1100-233 straight
- 1100-241 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



**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



2400-349

**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)**

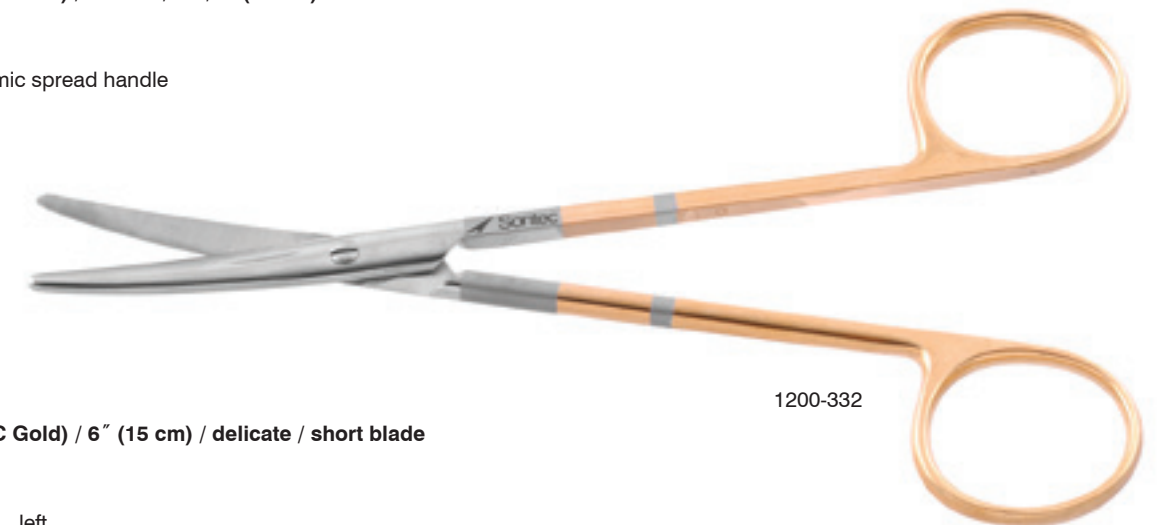
- 2400-286 straight
- 2400-287 curved

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

- 1200-330
- 1200-334 delicate

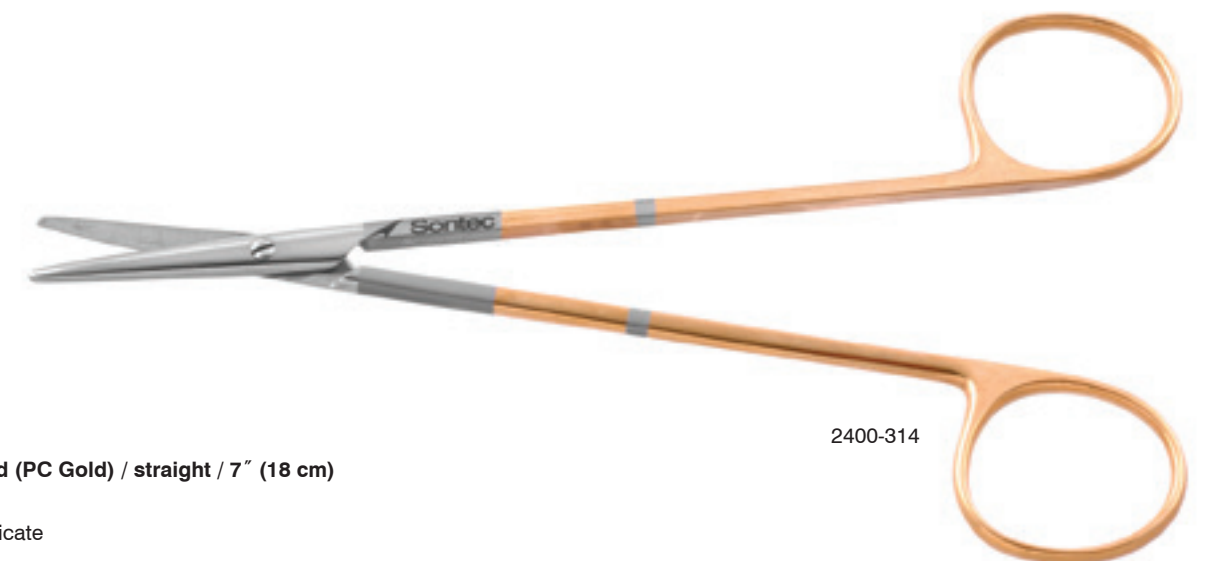
**Power Cut Gold (PC Gold) / curved / 5 3/4" (15 cm)**

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



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

- 2400-314 straight
- 2400-315 curved
- 1200-330L straight left



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

- 1200-340
- 2400-316 delicate

**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" (14.5 cm)**

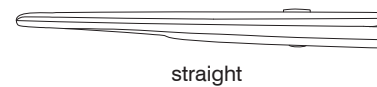
- 1200-760 straight
- 1200-762 curved

**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



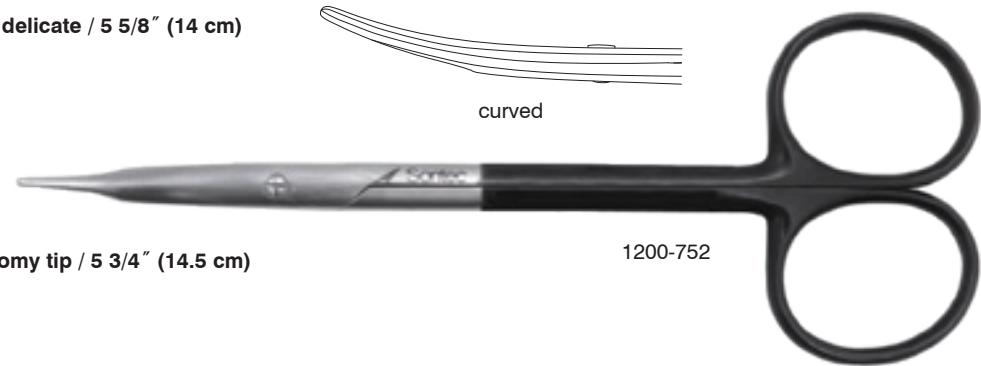
1200-775M



straight



curved



1200-752



2400-815A



1200-760



delicate blade

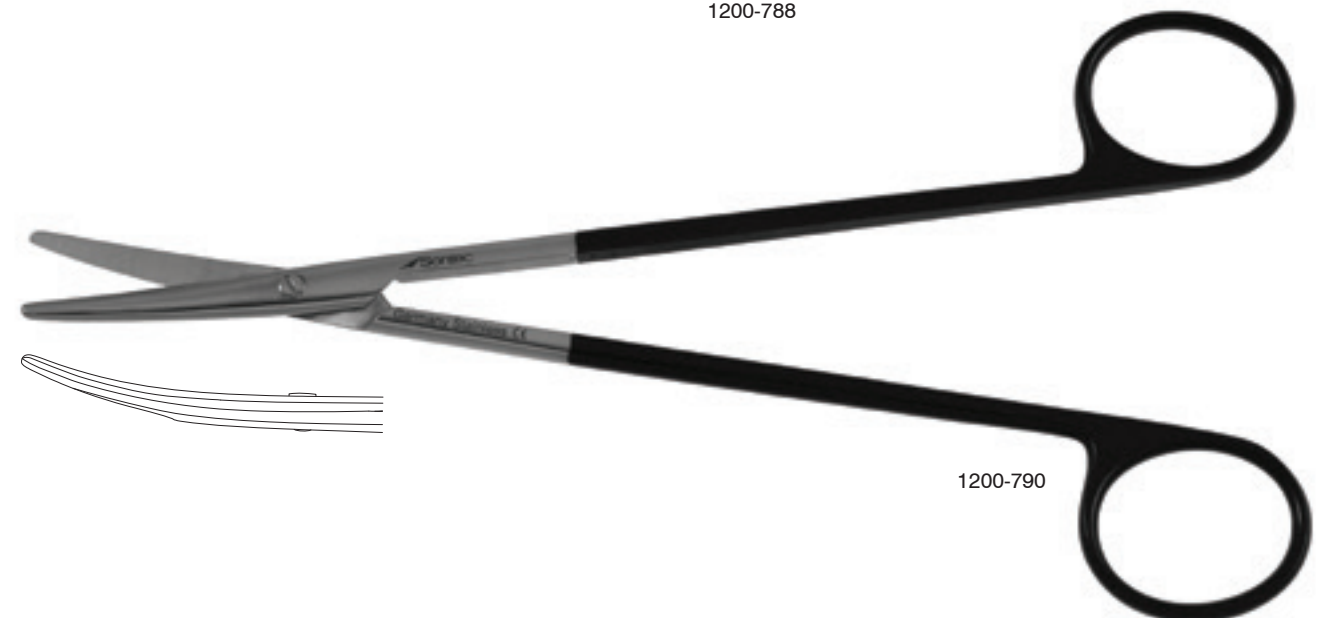
**Metzenbaum Power Cut® Black Scissors**

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

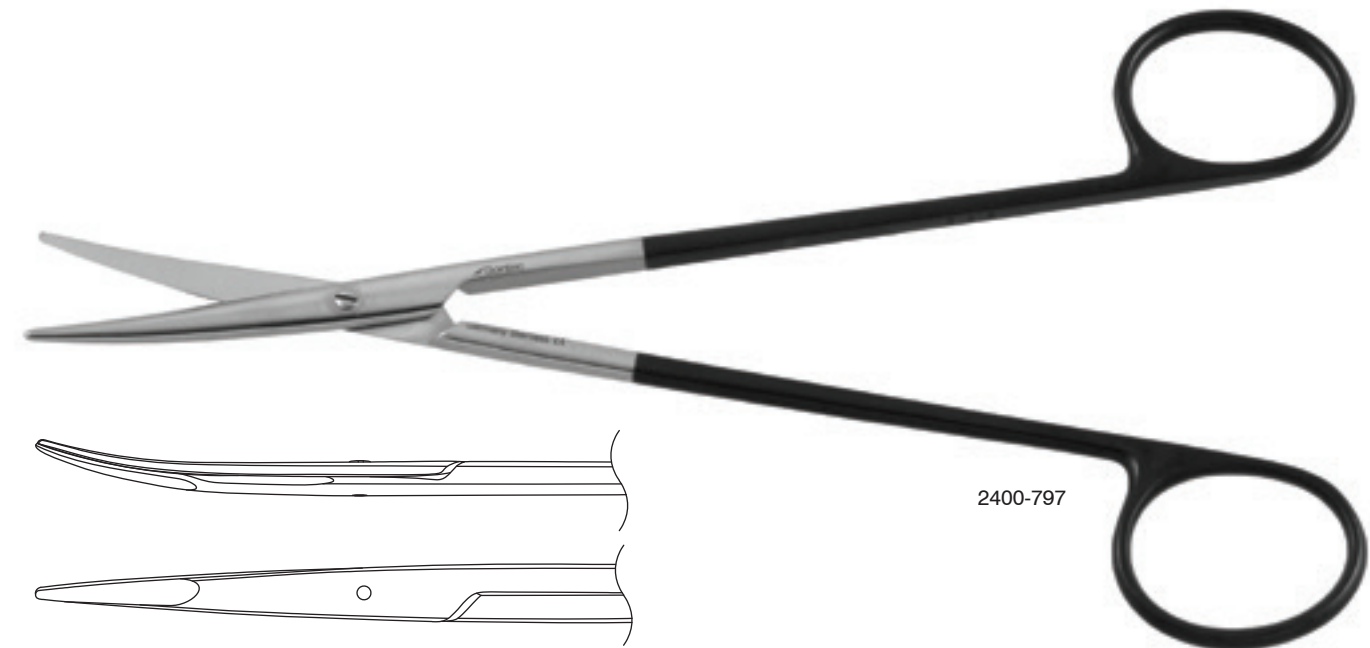
- 1200-788 straight
- 1200-790 curved
- 2400-797 curved 2.5mm tip



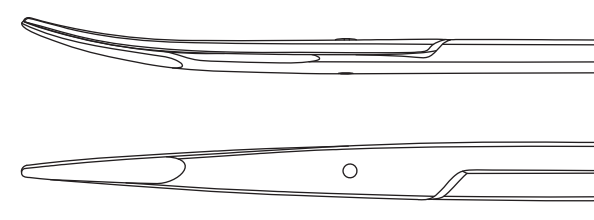
1200-788



1200-790



2400-797



**Metzenbaum 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)

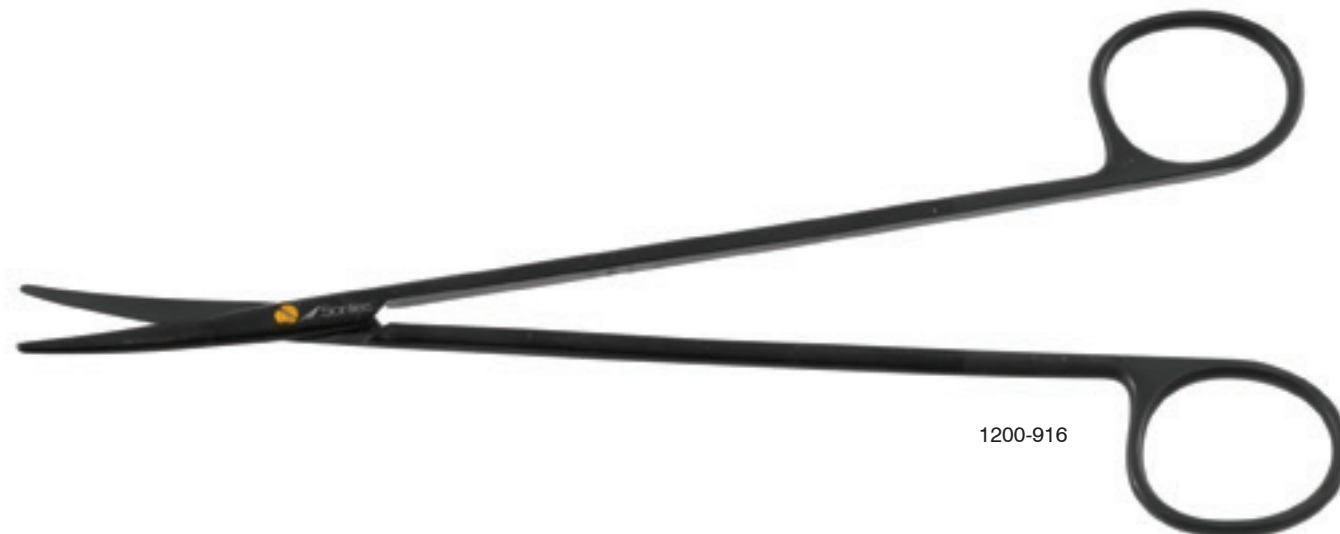


1200-911

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



1200-915

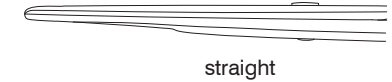


1200-916

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

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

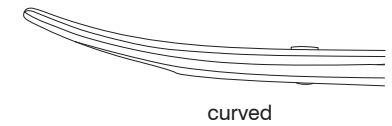
1200-500	straight
1200-501	curved



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

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



1200-529



 Sontec Instruments®

ENT Plastic SCISSORS

**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
- 1100-212L classic left
- 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

**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

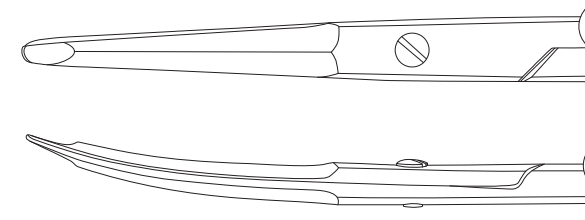


2400-827S

**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

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

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

- 350-861 straight
- 350-862 curved



350-864

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

- 350-863 straight
- 350-864 curved

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

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



350-861B

**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

**Goldman-Fox Scissors**

**Tenotomy tip / classic / curved / 5" (12.5 cm)**

- 110-908 straight shanks
- 110-910 angled shanks

**Tenotomy tip / TC / curved / 5" (12.5 cm)**

- 112-908 straight shanks
- 112-910 s-curved shanks

**Tenotomy tip / PC gold / curved / straight shanks / 5" (12.5 cm)**

- 1200-405

**Tenotomy tip / PC gold / straight / 5" (12.5 cm)**

- 1200-404

**Tenotomy tip / PC black / 5" (12.5 cm)**

- 1200-404B straight
- 1200-405B curved



112-908



112-910



1200-404B

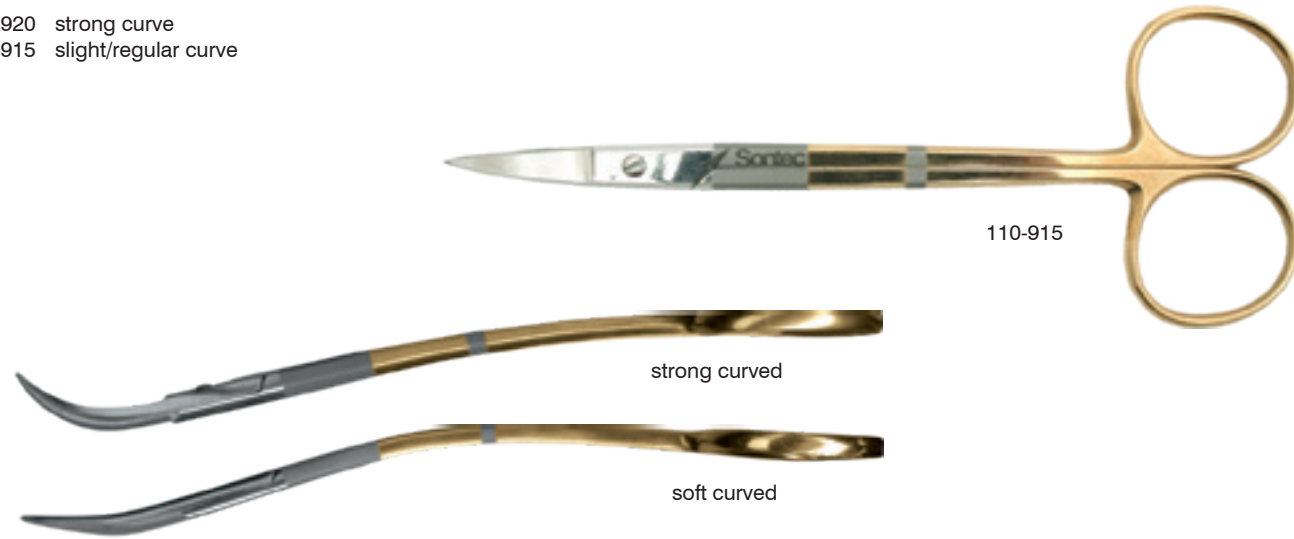


1200-405B

**LaGrange Scissors**

S-curve blade & shank / PC / 4 1/2" (11.5 cm)

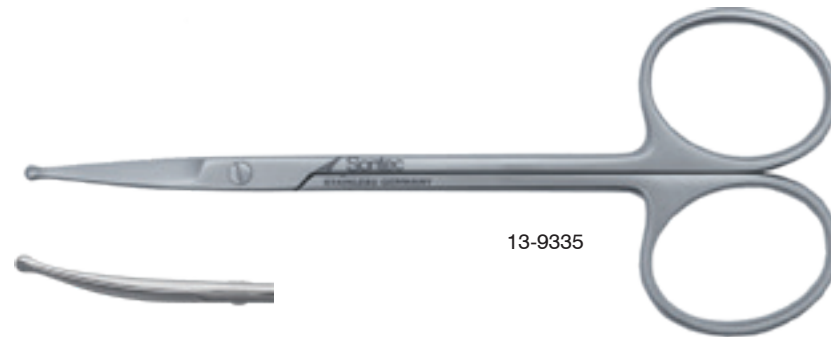
- 110-920 strong curve
- 110-915 slight/regular curve



**Eye Scissors**

Bead tips / 4 1/4" (11 cm)

- 13-9334 straight
- 13-9335 curved



**Converse Daniel Scissors**

Angled-up / PC Black / 3 3/4" (9.5 cm)

- 460-156



**Converse Wilmer Scissors**

Pointed angled up serrated blades / 4" (10 cm)

- 13-9800 classic non-serrated
- 460-158 PC gold
- 1200-720 PC black
- 460-159 PC gold spread handle

Pointed angled up serrated blades / PC gold / 3 1/2" (8.9 cm)

- 460-160 3 1/2"

Pointed angled up serrated blades / PC black / 3 1/2" (8.9 cm)

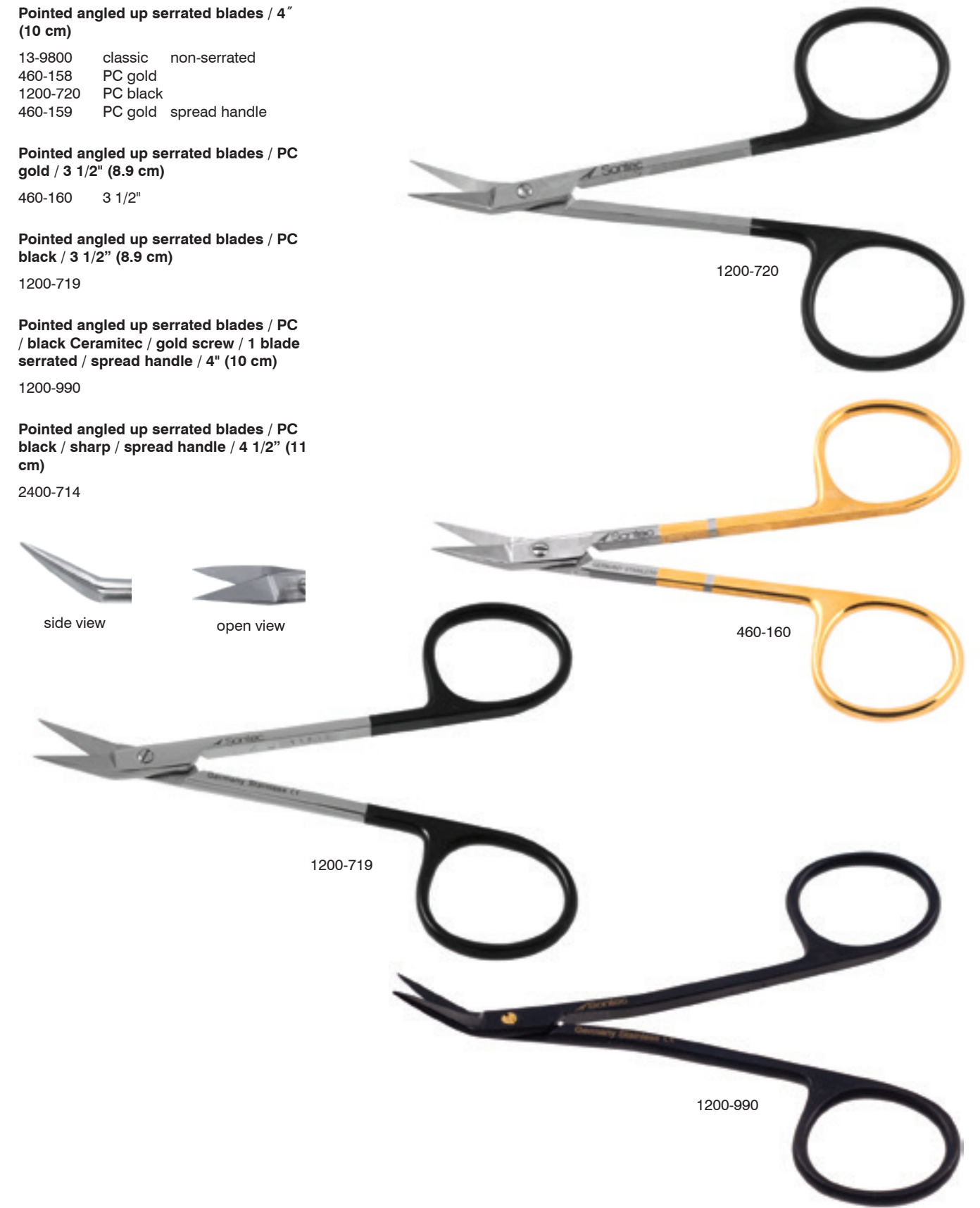
- 1200-719

Pointed angled up serrated blades / PC / black Ceramitec / gold screw / 1 blade serrated / spread handle / 4" (10 cm)

- 1200-990

Pointed angled up serrated blades / PC black / sharp / spread handle / 4 1/2" (11 cm)

- 2400-714



**Jabaley Scissors**

**PC black / 4 3/4" (11 cm)**

- 2400-753 straight
- 2400-755 curved

**Ergonomic spread handle / PC black / 5" (12.7 cm)**

- 2400-756 curved
- 2400-757 straight

**Black ceramic with gold screw / ergonomic spread handle / PC / 5" (12.7 cm)**

- 1200-940 curved



2400-756



1200-940

**Par Scissors**

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

- 112-580 straight
- 112-585 curved

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

- 112-581 straight
- 112-582 curved

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

- 1200-402



1200-402

**Joseph-Peck Saberback Classic Power Cut Gold®  
Power Cut Black® TC/PC Power Cut Scissors**

**Saberback / curved / 4 1/2" (15 cm)**

- 2400-438 PC Gold

**Saberback / curved / 6" (15 cm)**

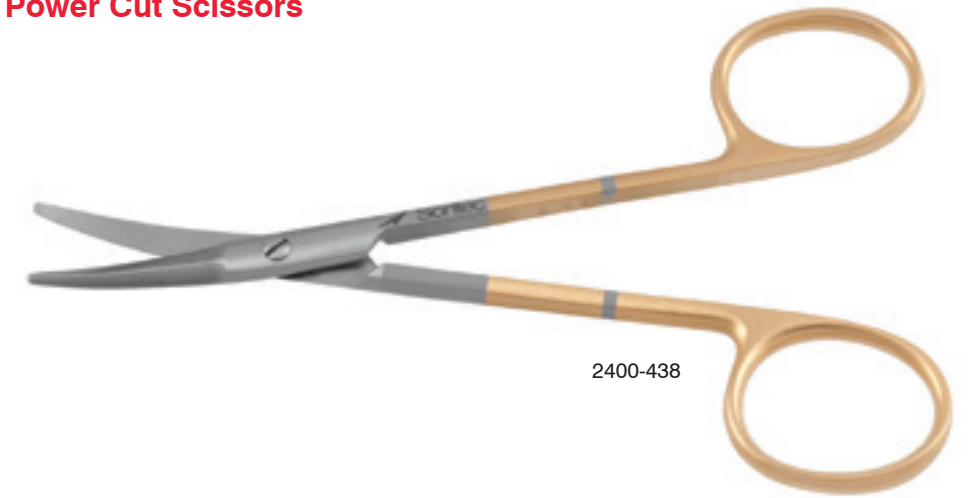
- 2400-440 classic
- 2400-439 PC Gold
- 2400-442 TC/PC
- 2400-739 PC Black curved
- 2400-733 PC Black straight

**Straight / 6" (15 cm)**

- 2400-433 PC Gold

**Ceramic coated / saberback / TC/PC curved blades / black with gold screw and gold shiny rings / 6" (15 cm)**

- 1200-945



2400-438



2400-442



1200-945

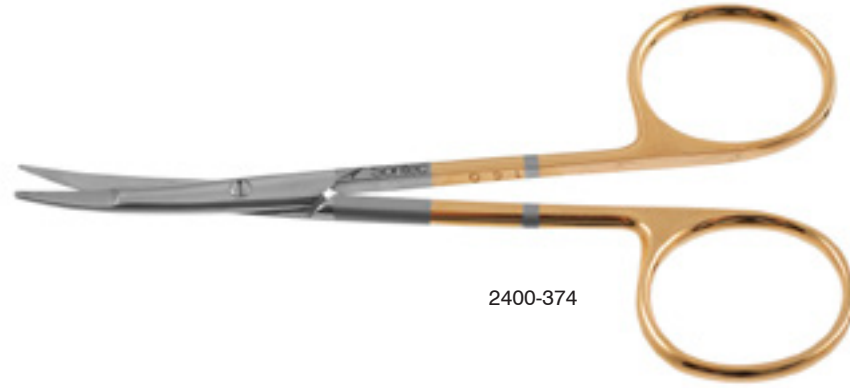
**Ragnell Undermining Power Cut Gold® Scissors**

**PC gold / spatulated tips / curved**

- 2400-374 4 1/2" (11.5 cm)
- 2400-375 5" (12.5 cm)
- 2400-3751 5" (12.5 cm) full curved
- 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

**Kaye Blepharoplasty Scissors**

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

- 112-602 straight
- 112-603 curved

**Serrated / ribbon handle / 4 1/4" (10.8 cm)**

- 1200-070 PC gold straight
- 1200-072 PC gold curved
- 13-6800 PC silver straight
- 13-6810 PC silver curved
- 13-6815 PC Black curved

**Curved / spread handle / 4 3/4" (12 cm)**

- 1200-076 PC Gold
- 1200-076B PC Black



112-603



1200-072



13-6815



1200-076

**Castanares Scissors**

**Classic / 6" (15.2 cm)**

110-308

**TCPC / 6 1/2" (16.5 cm)**

1200-843 straight

**PC Black / 6" (15.2 cm)**

1200-845 straight

1200-846 curved



110-308



1200-845



1200-843

**Castanares Scissors**

**PC Gold / 6 3/4" (17.1 cm)**

1200-445 straight



1200-445

**Sontec® Bipolar Metzenbaum Scissors**

For dissecting, cutting, and bipolar coagulation of tissue /  
one prong / classic blades

- 2700-5331 7"
- 2700-5341 8"
- 2700-5351 9"
- 2700-5371 11"

For dissecting, cutting, and bipolar coagulation of tissue /  
one prong / delicate blades

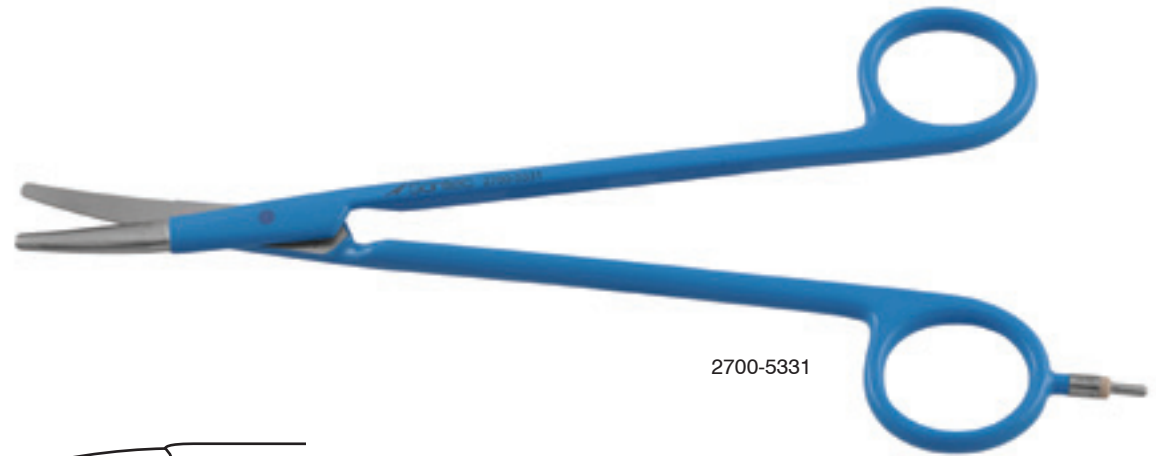
- 2700-5411 7"
- 2700-5431 8"
- 2700-5451 9"
- 2700-5471 11"

One prong cord / sold separately

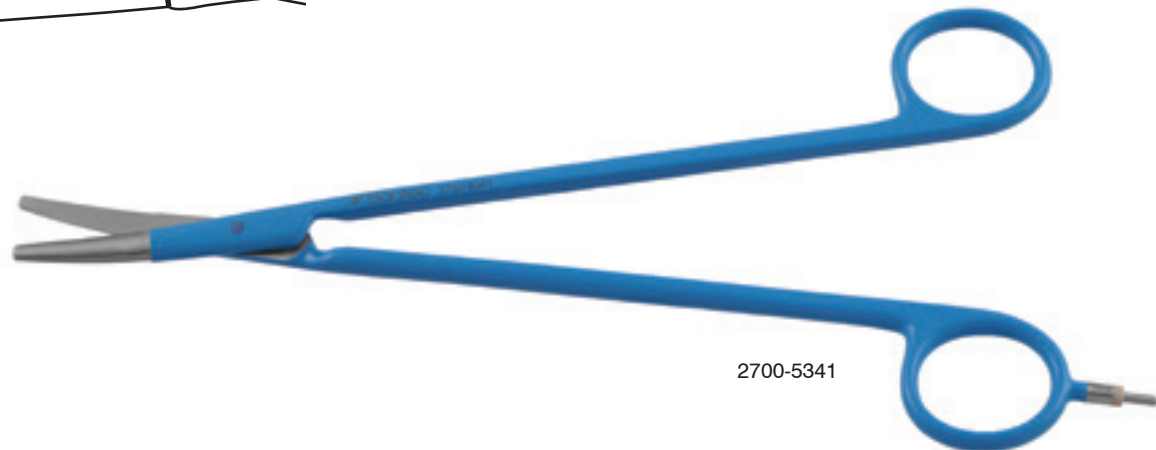
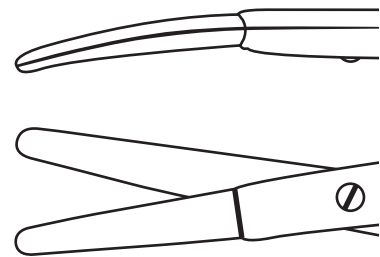
- 2700-5251 3 meter cord
- 2700-5271 5 meter cord



130-141-300



2700-5331



2700-5341

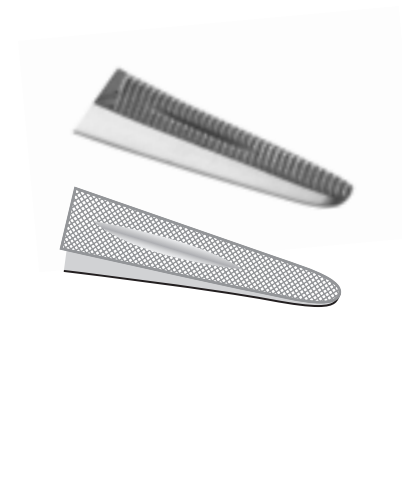


 Sontec Instruments®

NEEDLE HOLDERS Ring Handle

Sontec® offers variety of needle holder styles to choose from

**Classic Serrated Jaws  
(no inserts)**

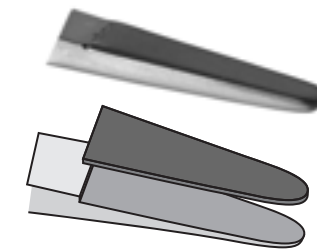


**Classic Jaws**

- stainless
- most often a serrated pattern
- featuring satin rings

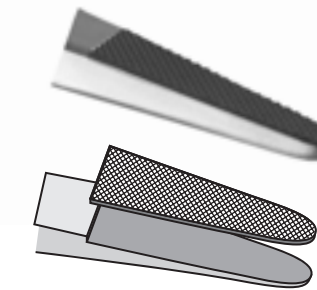
**TC Smooth Inserts**

- a rigid, clean & flat surface
- for delicate use
- eliminates needle scoring for a smooth pass each time



**TC Serrated Inserts**

- a diamond serrated teeth-like pattern
- 2,600 & 4,200 teeth per square inch for medium to heavier needles
- 7,000 & 10,000 teeth per square inch for small to micro needles



**Jaws with TC Inserts**

- diamond ground tungsten carbide
- incredibly hard & durable
- for a more secure grasp of the needle, preventing rotation & slippage
- featuring gold rings

**TC Dust (no inserts)**

- a very thin coating applied
- an almost smooth yet remarkably gritty surface
- eliminates needle scoring for a smooth pass each time



**Derf Needle Holder**

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

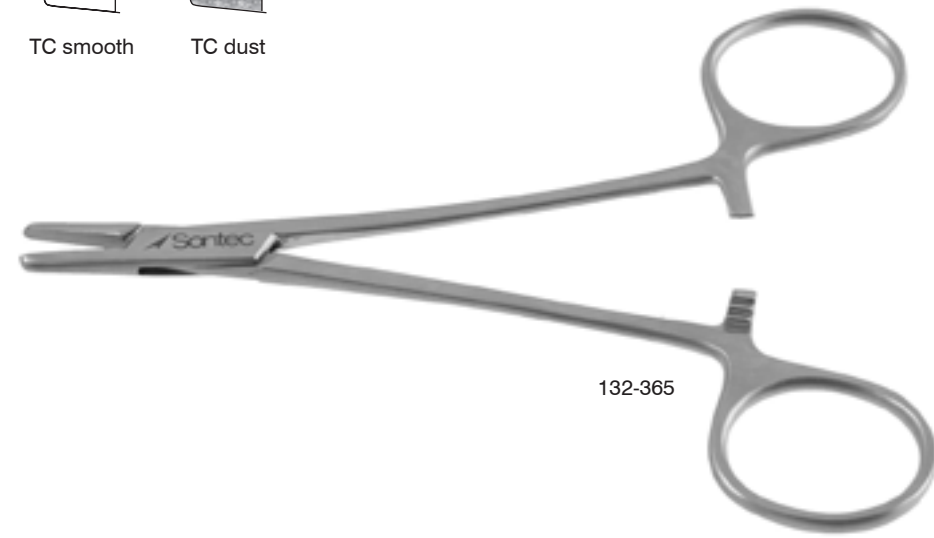
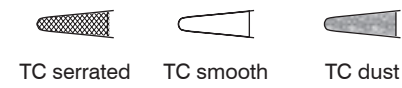
- 132-375 TC dust
- 132-376 TC serrated
- 132-376S TC smooth

**Mini / 4 1/4" (11 cm)**

- 132-632 TC serrated
- 132-634 smooth

**4 3/4" (12 cm)**

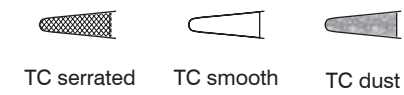
- 130-508
- 132-364 TC serrated
- 132-364L TC serrated left streamlined large rings
- 132-364S TC serrated
- 132-365 TC Dust



**Derf Needle Holder Titanium**

**Mini / 4 1/4" (11 cm)**

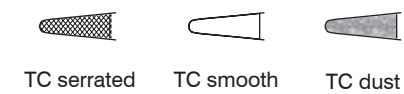
- 2600-714 TC dust
- 2600-716 TC serrated



**Halsey Needle Holder**

**5" (12.5 cm)**

- 130-517 serrated without TC/standard
- 130-518 smooth without TC/standard
- 132-372 TC serrated
- 132-374 TC smooth
- 132-373 TC Dust



**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



2300-516



2300-520 TC Dust      2300-518 TC Smooth      2300-516 TC Serrated

**Webster Needle Holder Titanium**

TC Dust / 4 3/4" (12.1 cm)

2600-725



2600-725

**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

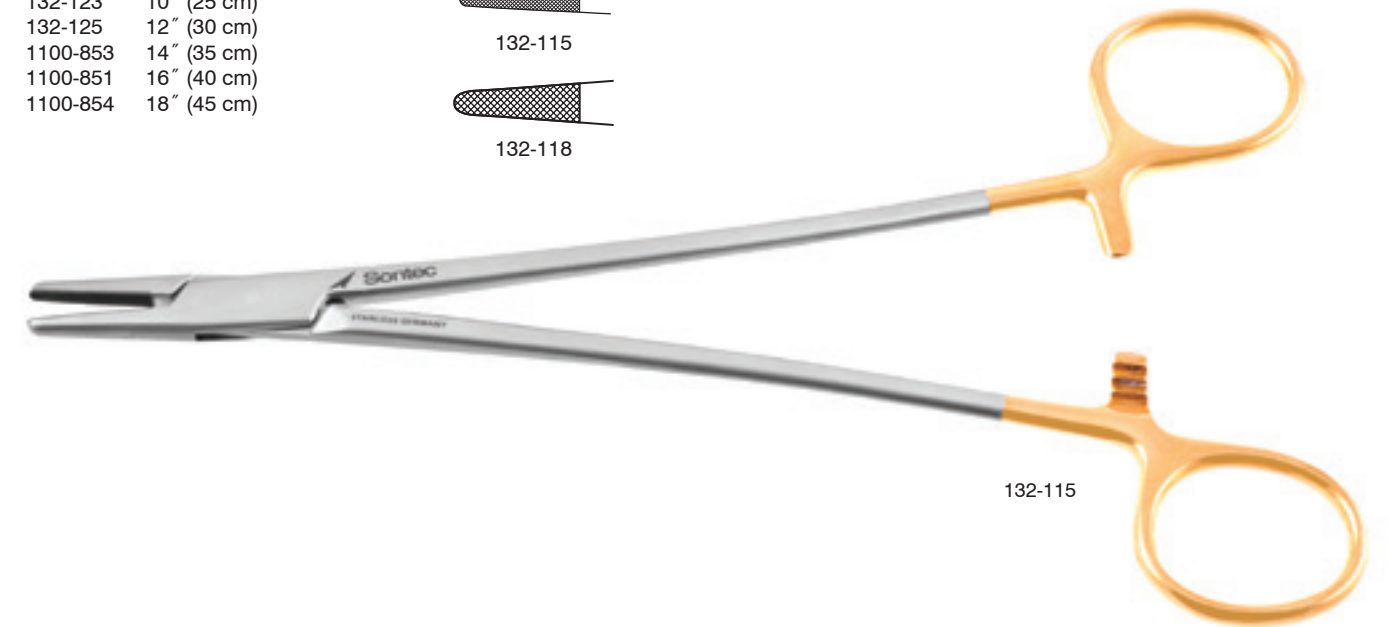
- 2300-328 5 3/4" (14.6 cm)
- 132-115 6 1/4" (15 cm)
- 1100-114L 7 1/4" (18 cm) left
- 132-118 7 1/4" (18 cm)
- 132-120 8" (20 cm)
- 132-122 9" (23 cm)
- 132-123 10" (25 cm)
- 132-125 12" (30 cm)
- 1100-853 14" (35 cm)
- 1100-851 16" (40 cm)
- 1100-854 18" (45 cm)



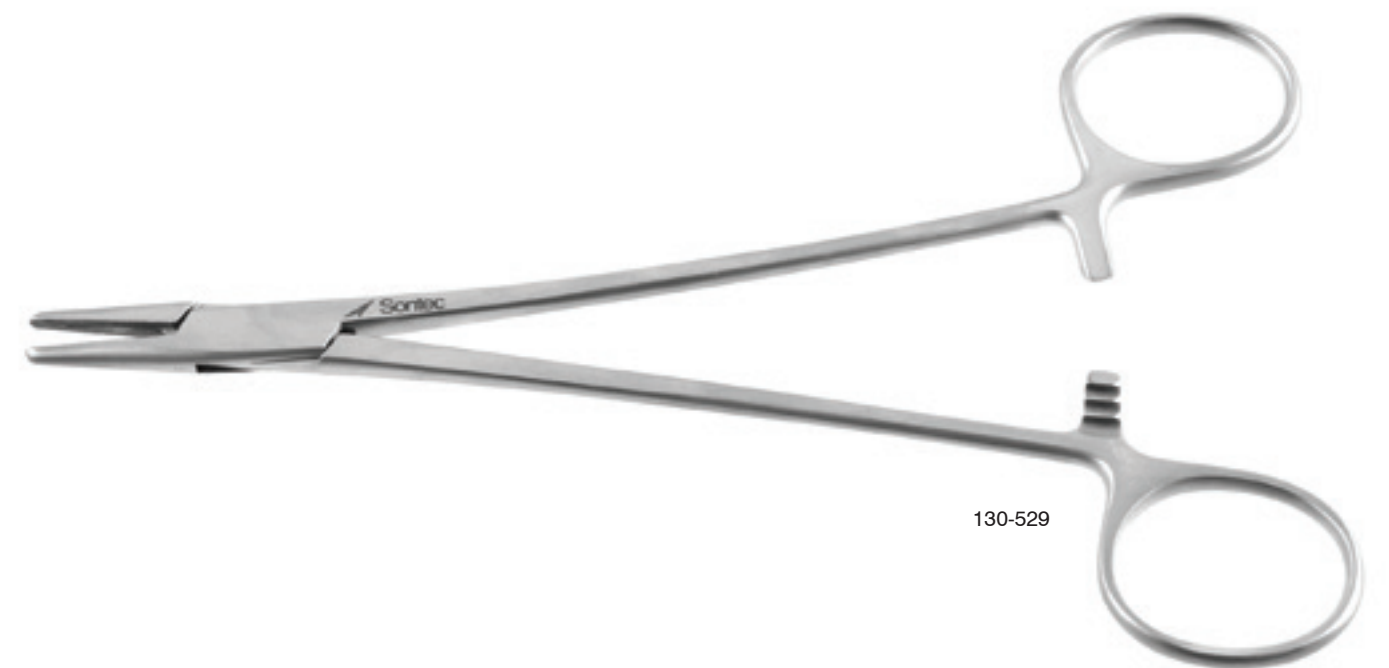
132-115



132-118



132-115

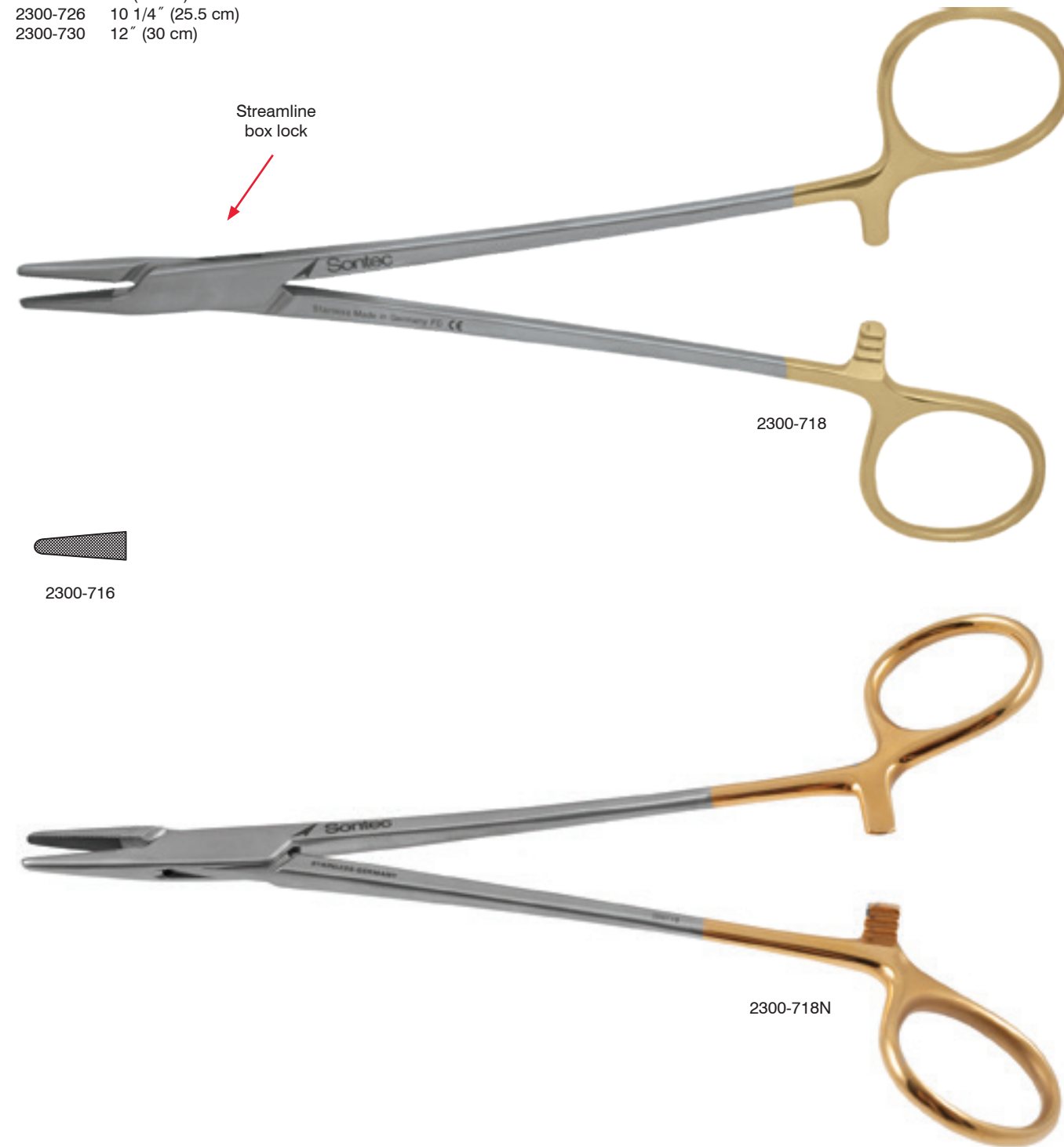


130-529

**Mayo-Hegar Streamlined Needle Holder**

Tungsten carbide serrated jaws / streamlined box lock

2300-714	5 3/4" (14.5 cm)	
2300-716	6 1/4" (16 cm)	
2300-718	7" (18 cm)	
2300-718N	7" (18 cm)	Neivert offset rings
2300-720	8" (20 cm)	
2300-723	9" (23 cm)	
2300-726	10 1/4" (25.5 cm)	
2300-730	12" (30 cm)	



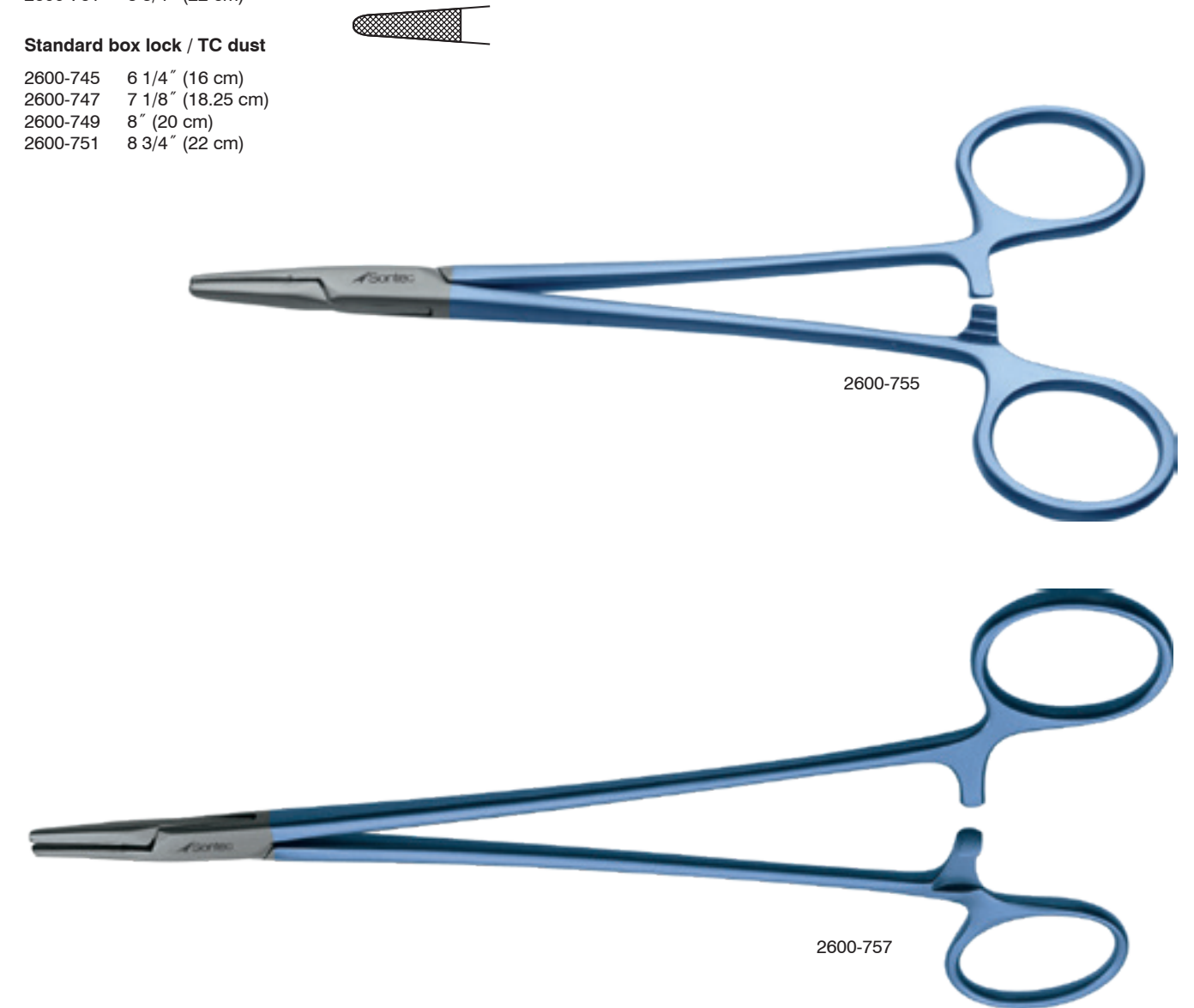
**Mayo-Hegar Needle Holder Titanium**

Standard box lock / TC serrated

2600-755	6 1/4" (16 cm)
2600-757	7 1/8" (18.25 cm)
2600-759	8" (20 cm)
2600-761	8 3/4" (22 cm)

Standard box lock / TC dust

2600-745	6 1/4" (16 cm)
2600-747	7 1/8" (18.25 cm)
2600-749	8" (20 cm)
2600-751	8 3/4" (22 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**

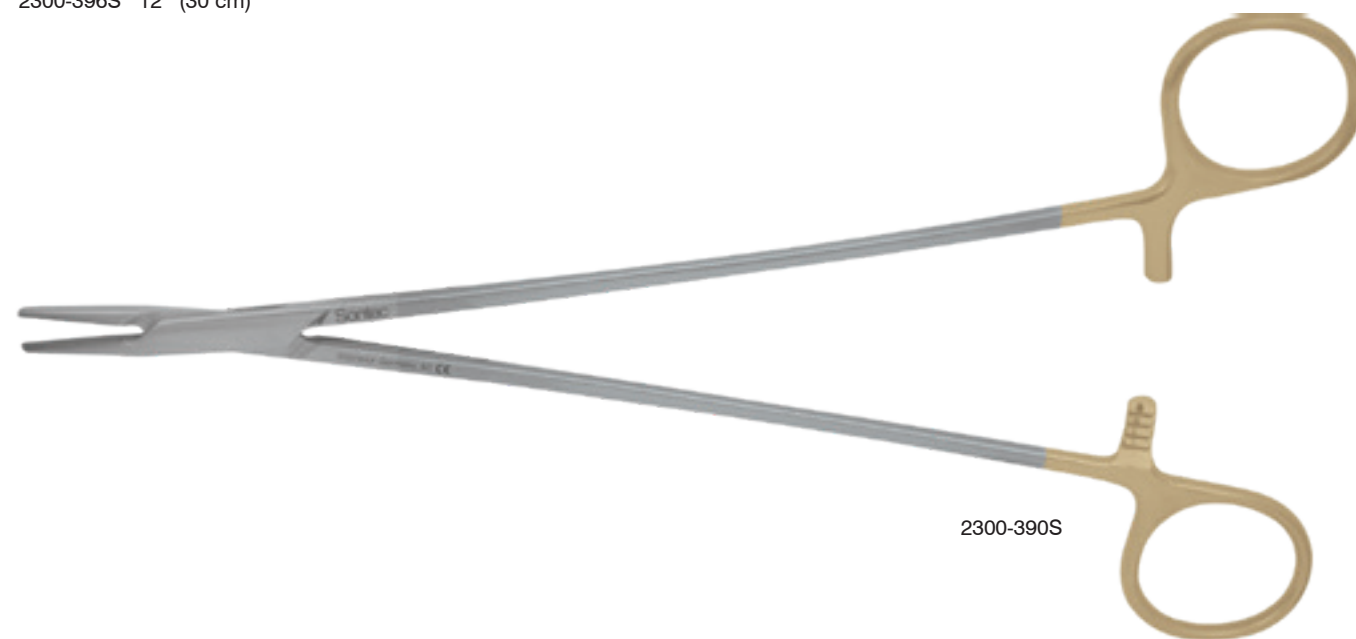
- 132-388 str 6" (15 cm)
- 132-210 str 7" (18 cm)
- 132-223 cvd 7" (18 cm)
- 132-212 str 8" (20 cm)
- 132-225 cvd 8" (20 cm)
- 132-214 str 9" (23 cm)
- 132-224 cvd 9" (23 cm)
- 132-216 str 10" (25 cm)
- 132-218 str 12" (30 cm)



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

**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**

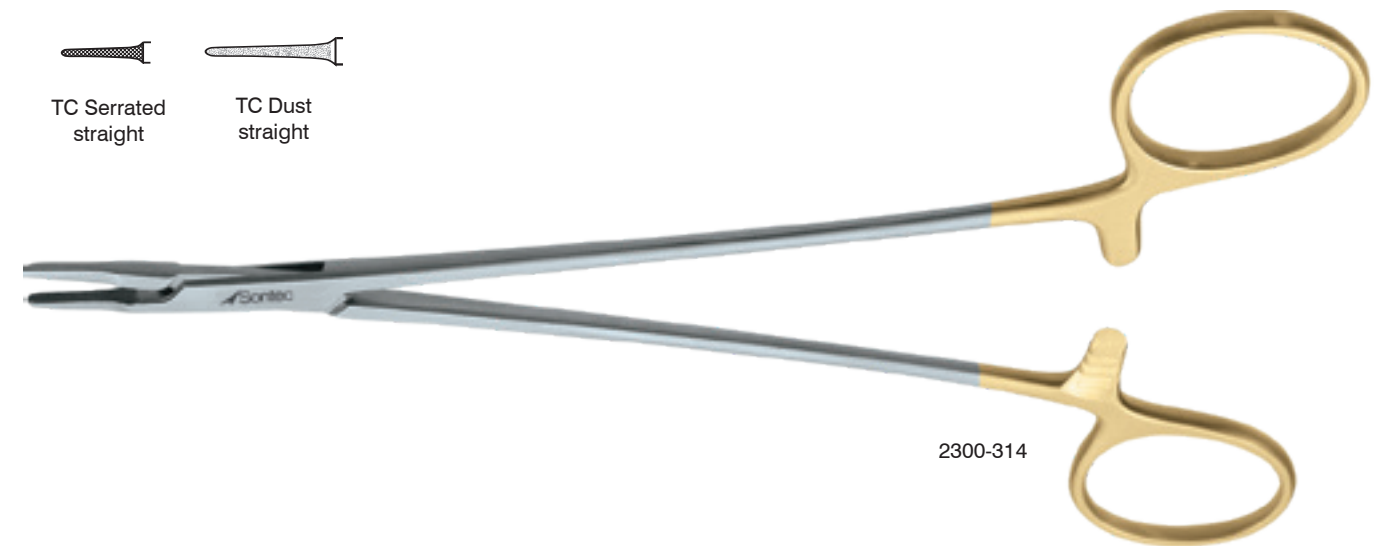
- 2300-3132 8" (20 cm)



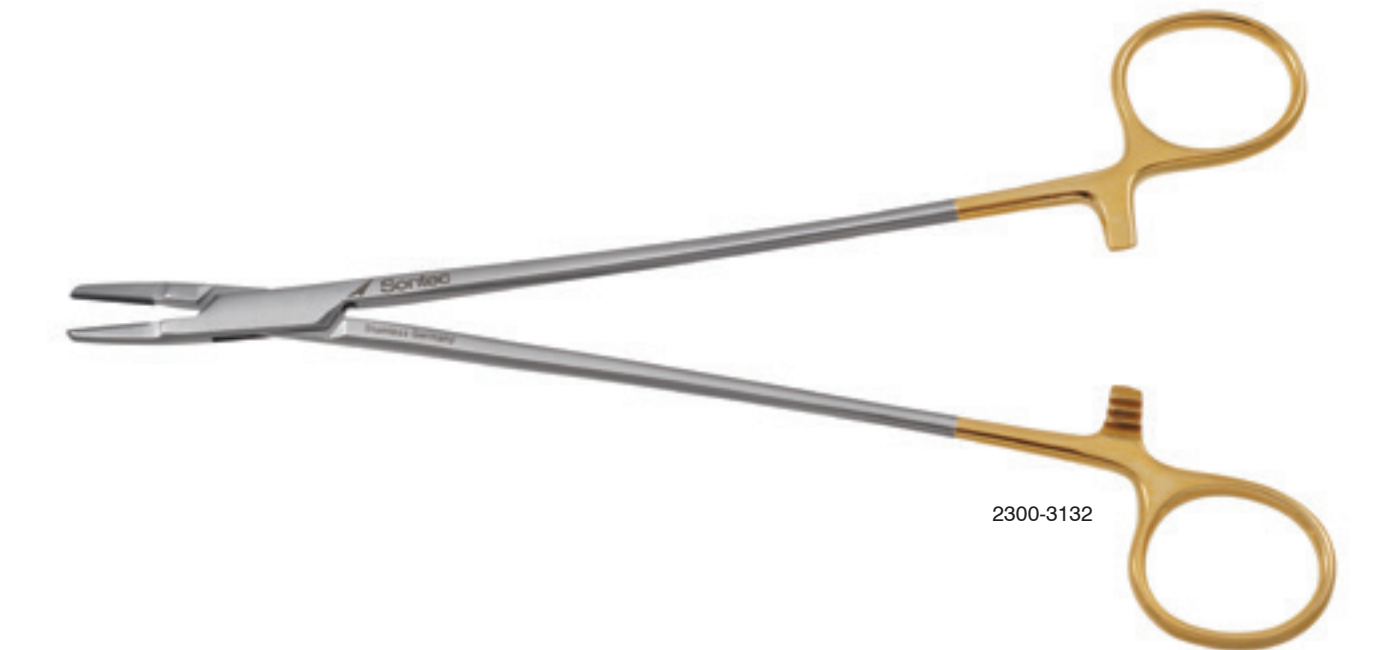
TC Serrated straight



TC Dust straight



2300-314



2300-3132



 Sontec Instruments®

NEEDLE HOLDERS Spring Handle - Eye, Cardio & Micro

**Gregory Needle Holder**

TC dust / straight / double action / round handle with lock / suggested suture size 7.0 and smaller

2300-048	7" (17.8 cm)	
2300-0481	7" (17.8 cm)	TC serrated
2600-730	7" (17.8 cm)	titanium
2300-049	8 1/4" (21 cm)	



2300-048



2300-0481



2600-730



2300-049

**Castroviejo Needle Holder**

Flat handle / TC dust / 5 3/4" (14.5 cm) / suggested suture size 7-0 and smaller

15-1916	str	w/o lock	
15-1917	cvd	w/o lock	
15-1912	str	w/lock	
15-1913	cvd	w/lock	
15-1914	str	w/lock	delicate
15-1915	cvd	w/lock	delicate

Flat handle / TC dust / 5 3/4" (14.5 cm) / suggested suture size 7-0 and smaller / titanium

T15-1916	str	w/o lock	
T15-1917	cvd	w/o lock	
T15-1912	str	w/lock	
T15-1913	cvd	w/lock	
T15-1914	str	w/lock	delicate
T15-1915	cvd	w/lock	delicate

Flat handle / TC insert / 5 3/4" (14.5 cm) / suggested suture size 7-0 and smaller

15-1900	str	w/ lock	
15-1910	cvd	w/ lock	
15-1901	str	w/o lock	
15-1911	cvd	w/o lock	



15-1912



15-1913



T15-1913



15-1900



15-1910



TC Smooth straight



TC Dust straight



TC Dust curved



TC Insert straight



TC Insert curved

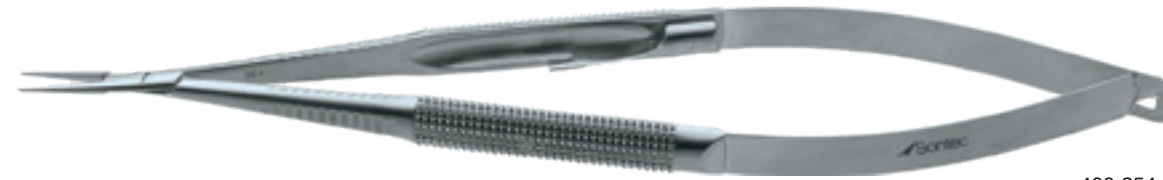


TC Serrated

**Sontec Extra Micro Needle Holder**

Round handle / TC dust / extra delicate jaws / specially serrated grip on shanks / 6" (15 cm) / suggested suture size 8-0 and smaller

- 400-254 str w/lock
- 400-256 cvd w/lock
- 400-250 str w/o lock
- 400-252 cvd w/o lock

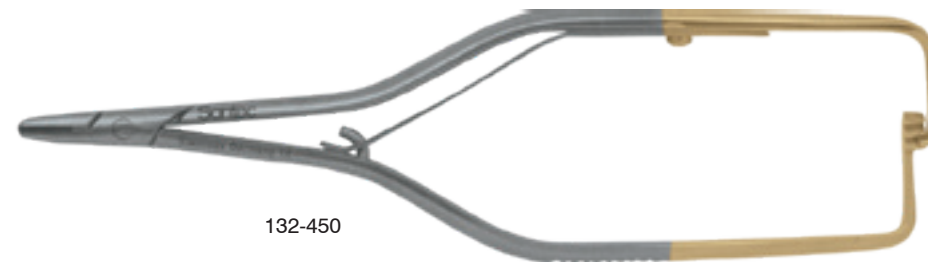


400-254

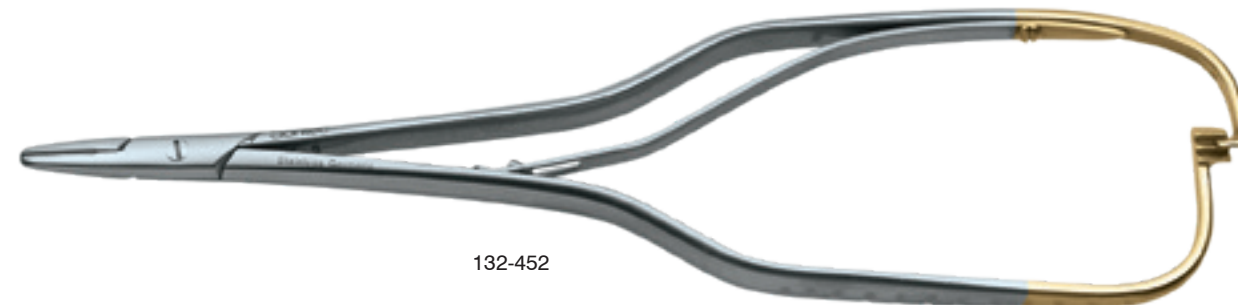
**Boynton Needle Holder**

Delicate

- 130-563 4 3/4" (12 cm) serrated without TC
- 132-450 4 3/4" (12 cm) TC serrated
- 132-452 6 1/4" (16 cm) TC serrated



132-450



132-452

**Mathieu Heavy Needle Holder**

Standard

- 130-564 6 3/4" (17 cm) \*
- 130-565 8" (20 cm) \*

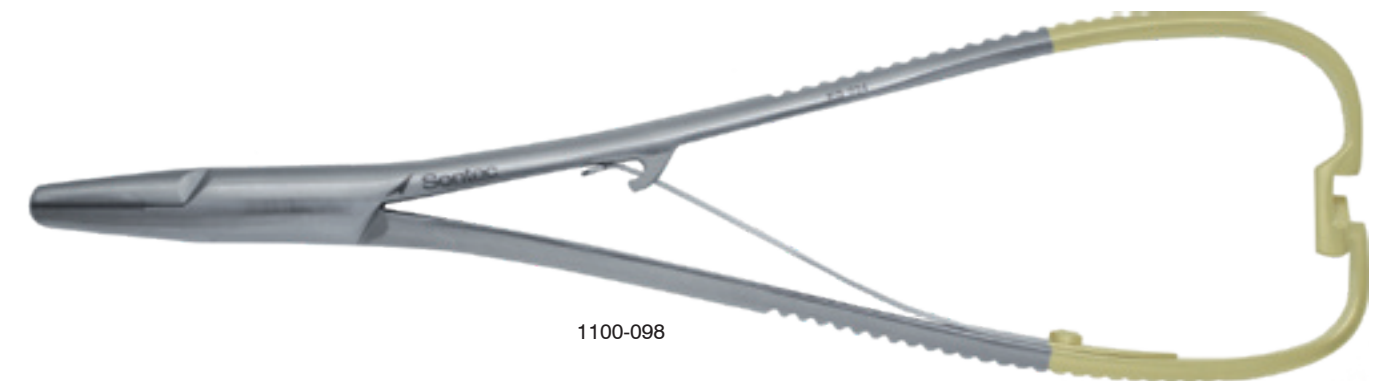
Tungsten carbide serrated

- 1100-094 6 3/4" (17 cm) \*
- 1100-098 8" (20 cm) \*
- 1100-096G 6 3/4" (17 cm) with finger grip

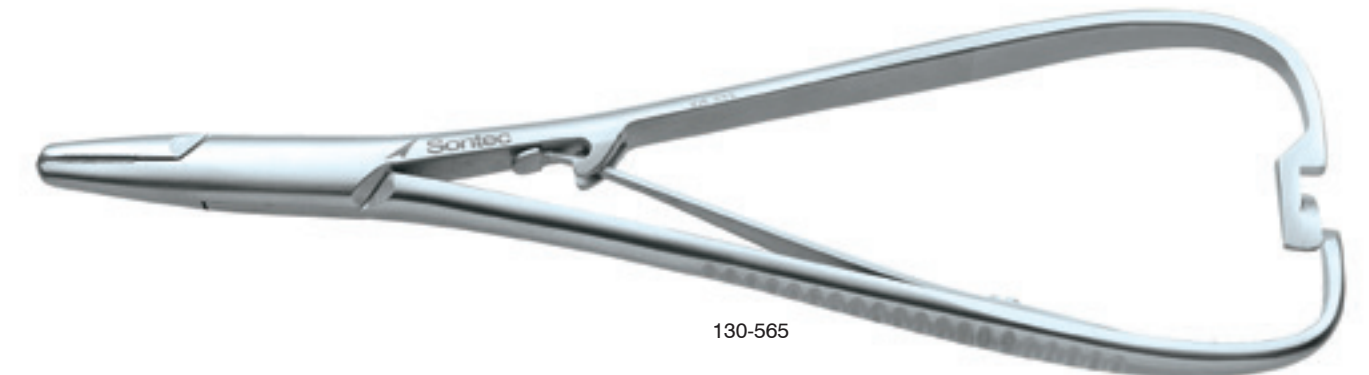
\* Also suitable as a wire twister



1100-096G



1100-098



130-565

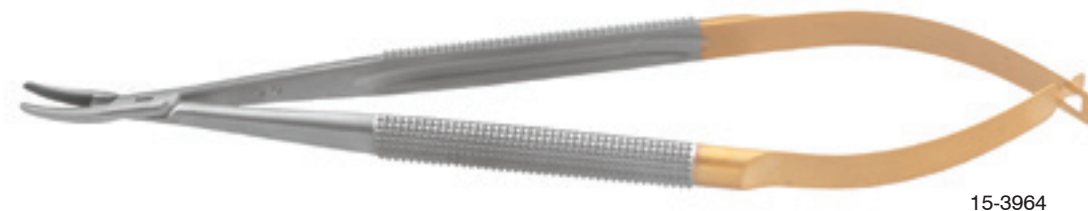
**Barraquer Needle Holder**

**Round handle / regular jaw / 5 1/2" (14 cm)**

15-3960	straight	w/ lock	stainless	TC serrated
15-3965	curved	w/ lock	stainless	TC serrated
15-3961	straight	w/o lock	stainless	TC serrated
15-3964	curved	w/o lock	stainless	TC serrated

**Round handle / 5 1/4" (13 cm)**

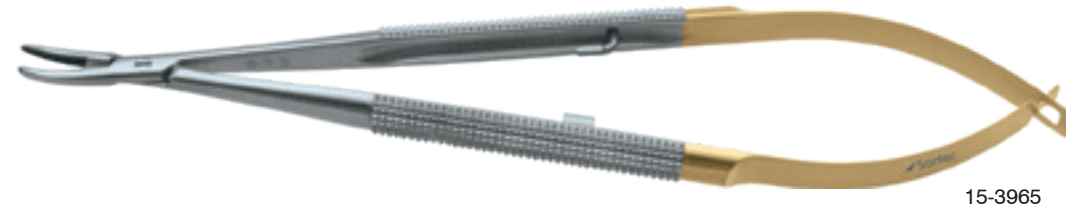
15-3915	straight			
15-3920	curved		TC Dust	
T15-3920	curved	titanium	TC Dust	
15-3925	w/ lock	straight		
T15-3925	straight	w/ lock	titanium	
15-3930	w/ lock	curved		TC Dust
T15-3930	curved	w/ lock	titanium	



15-3964



15-3930



15-3965

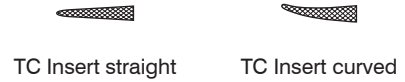


15-3925

**Castroviejo Needle Holder**

**Round handle / TC dust / with lock / suggested suture size 7-0 and smaller**

2300-020	str	4 3/4" (12 cm)
2300-024	cvd	4 3/4" (12 cm)
2300-030	str	5 3/4" (14.5 cm)
2300-034	cvd	5 3/4" (14.5 cm)
2300-038	str	6" (15 cm)



**Round handle / with out lock / TC dust**

2300-022	str	4 3/4" (12 cm)
2300-026	cvd	4 3/4" (12 cm)
2300-032	str	5 3/4" (14.5 cm)
2300-036	cvd	5 3/4" (14.5 cm)

**Round handle / TC insert / with lock**

2300-040	str	6" (15 cm)
2300-042	cvd	6" (15 cm)

**Round handle / streamlined / TC serrated / with lock**

2300-040S	str	6" (15 cm)
2300-042S	cvd	6" (15 cm)



2300-030



2300-042



2300-040S



2300-042S

**Jacobson Needle Holder**

Round handle / TC dust / streamlined box lock / suggested suture size 5-0 and smaller

2300-130S	str	w/o lock	6" (15 cm)
2300-132S	cvd	w/o lock	6" (15 cm)
2300-138S	str	w/o lock	7 1/8" (18.25 cm)
2300-140S	cvd	w/o lock	7 1/8" (18.25 cm)
2300-170	str	w/o lock	8 1/4" (21 cm)
2300-172	cvd	w/o lock	8 1/4" (21 cm)

2300-154S	str	w/o lock	9 1/4" (23.5 cm)
2300-156S	cvd	w/o lock	9 1/4" (23.5 cm)

2300-126S	str	w/ lock	6" (15 cm)
2300-128S	cvd	w/ lock	6" (15 cm)
2300-134S	str	w/ lock	7 1/8" (18.25 cm)
2300-136S	cvd	w/ lock	7 1/8" (18.25 cm)
2300-166	str	w/ lock	8 1/4" (21 cm)
2300-168	cvd	w/ lock	8 1/4" (21 cm)

2300-150S	str	w/ lock	9 1/4" (23.5 cm)
2300-152S	cvd	w/ lock	9 1/4" (23.5 cm)
2300-1510S	str	w/ lock	10" (25.5 cm)
2300-1530S	cvd	w/ lock	10" (25.5 cm)



TC Dust straight



TC Dust curved



Streamlined Box-lock



Regular Box-lock

Streamlined needle holders feature a smooth (streamlined) box-lock that does not snag suture when tying.



2300-126S



2300-134S



2300-166

**Glasser Micro Needle Holder**

TC dust / round handle / with lock / inverted spring / suggested suture size 5-0 and smaller/ 4 7/8" (12 cm)

2300-0496	straight
2300-0497	curved

TC dust / round handle / with lock / inverted spring / suggested suture size 5-0 and smaller/ 7" (17.8 cm)

2300-0498	straight
2300-0499	curved



2300-0496



2300-0499



 Sontec Instruments®

NEEDLE HOLDERS with Scissors

**Olsen-Hegar Deluxe Needle Holder**

**Tungsten carbide**

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



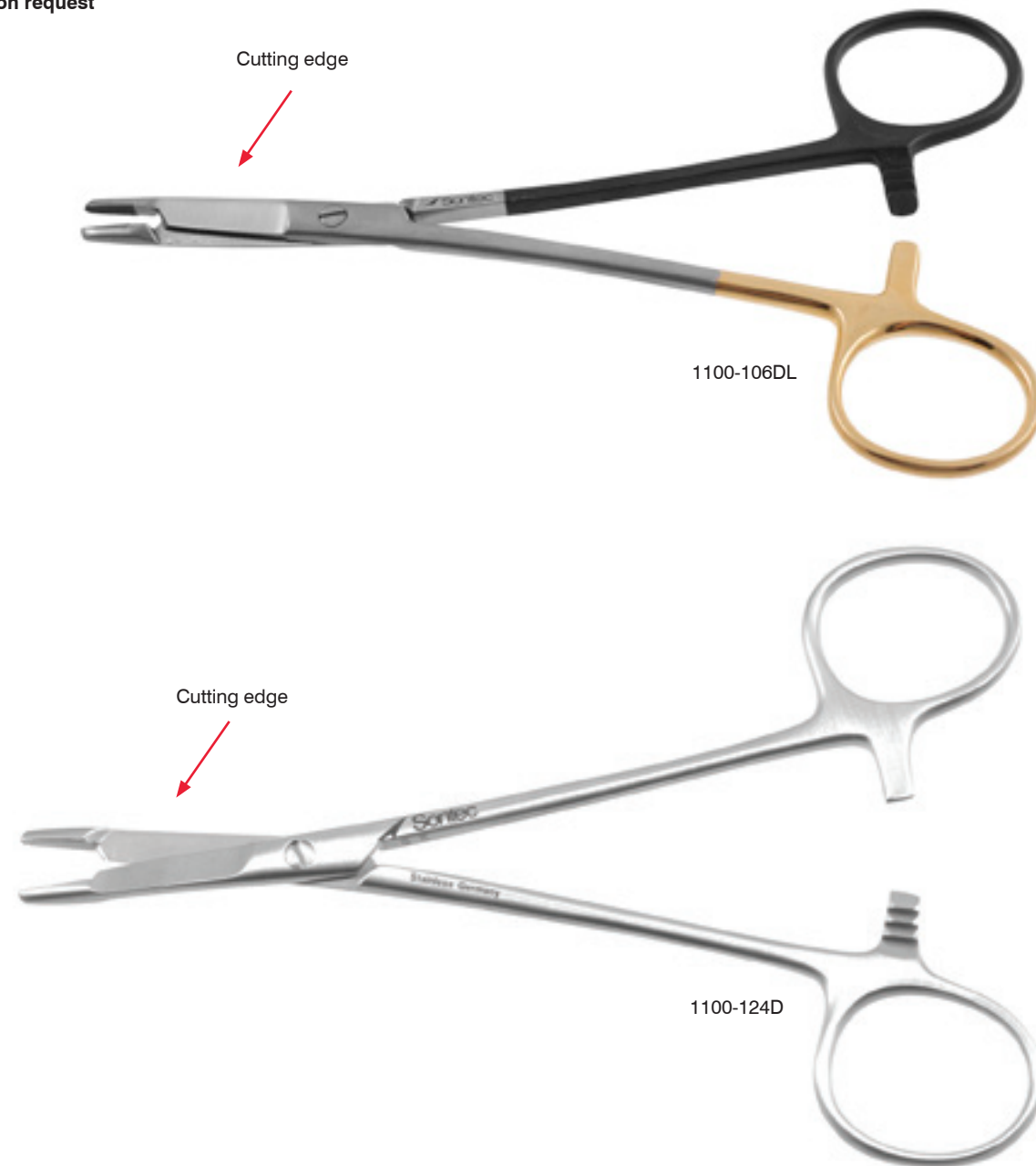
**TC Dust jaws**

- 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)

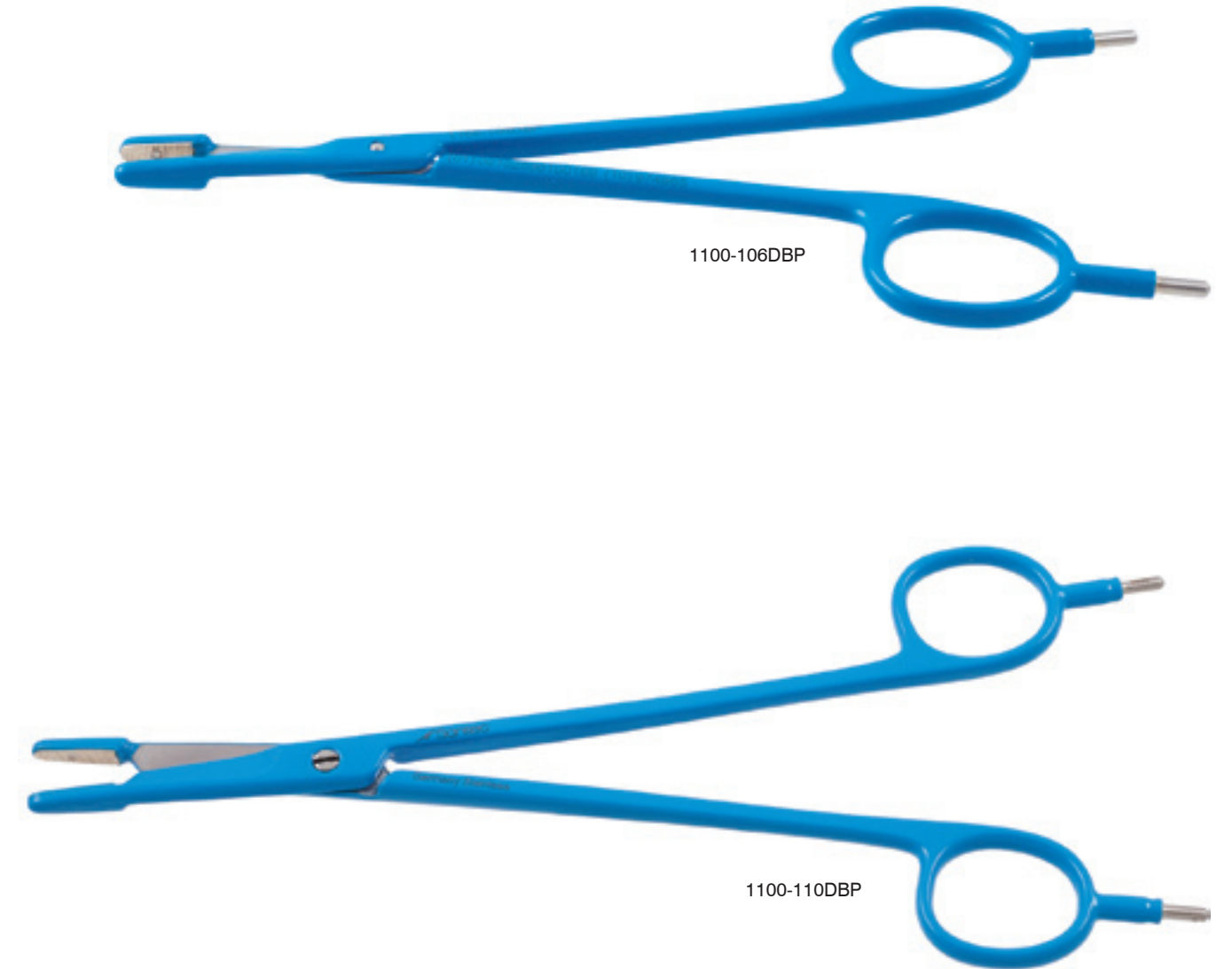
\* Custom micro serrations on cutting blade available upon request



**Bipolar Sontec Olsen-Hegar Deluxe Needle Holder**

**Serrated TC / suggested suture size 5-0 and smaller**

- 1100-106DBP 5 1/2" (14 cm)
- 1100-110DBP 7 1/2" (19 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)

\* Custom micro serrations on cutting blade available upon request



1100-106A



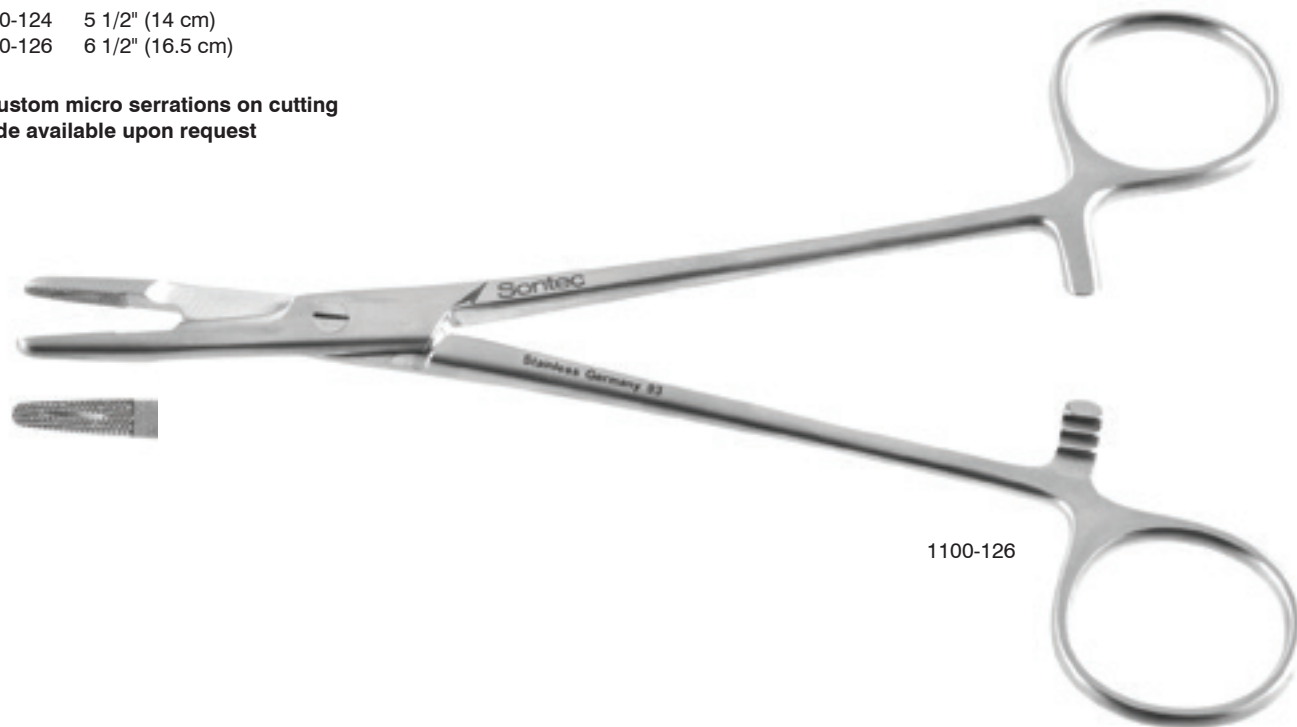
1100-106

**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)

\* Custom micro serrations on cutting blade available upon request



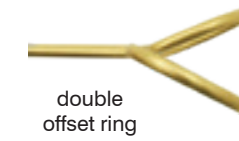
1100-126

**Olsen-Webster Needle Holder**

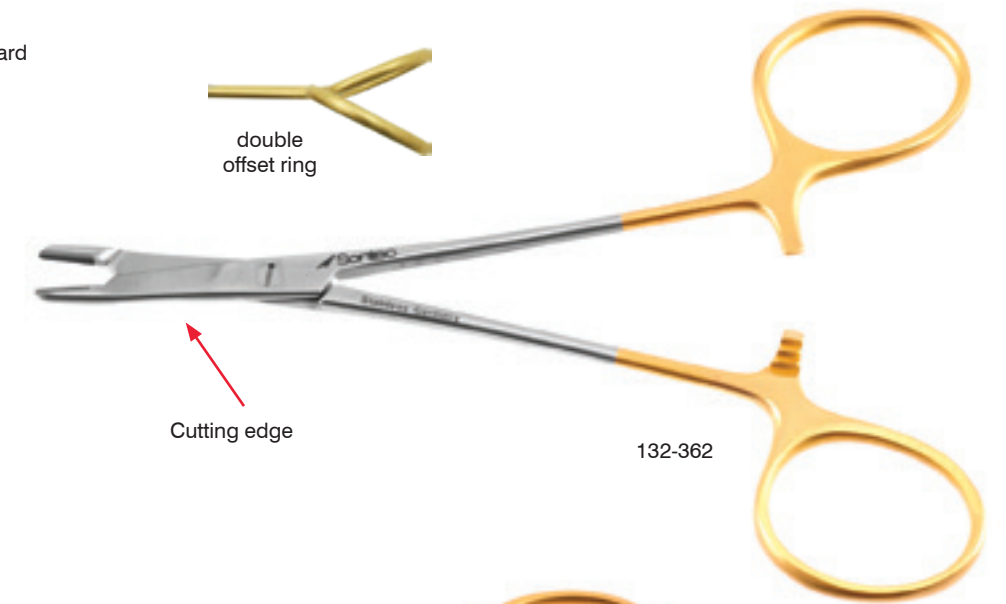
4 3/4" (12 cm)

- 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  
\* Custom micro serrations on cutting blade available upon request



double offset ring



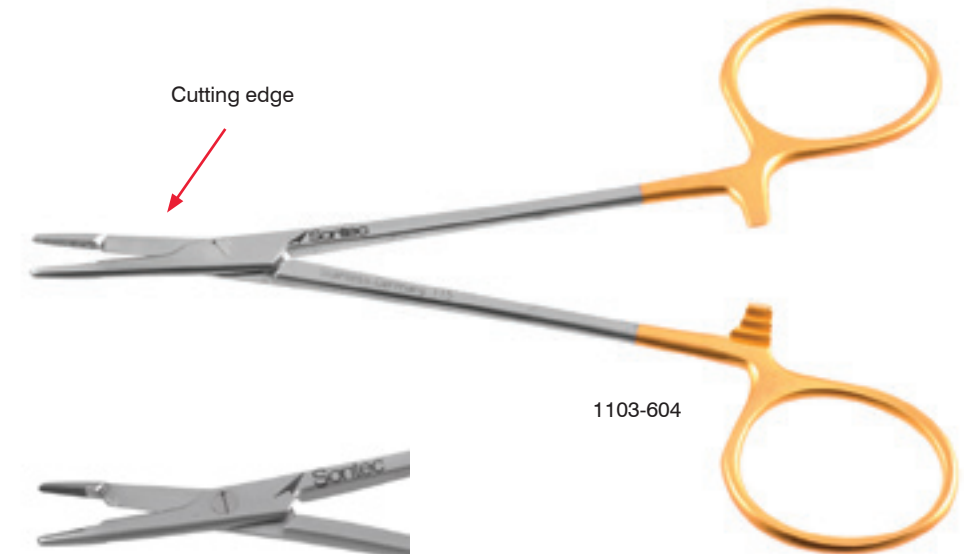
132-362

Cutting edge



TC Dust

Cutting edge



1103-604



132-359

Cutting edge



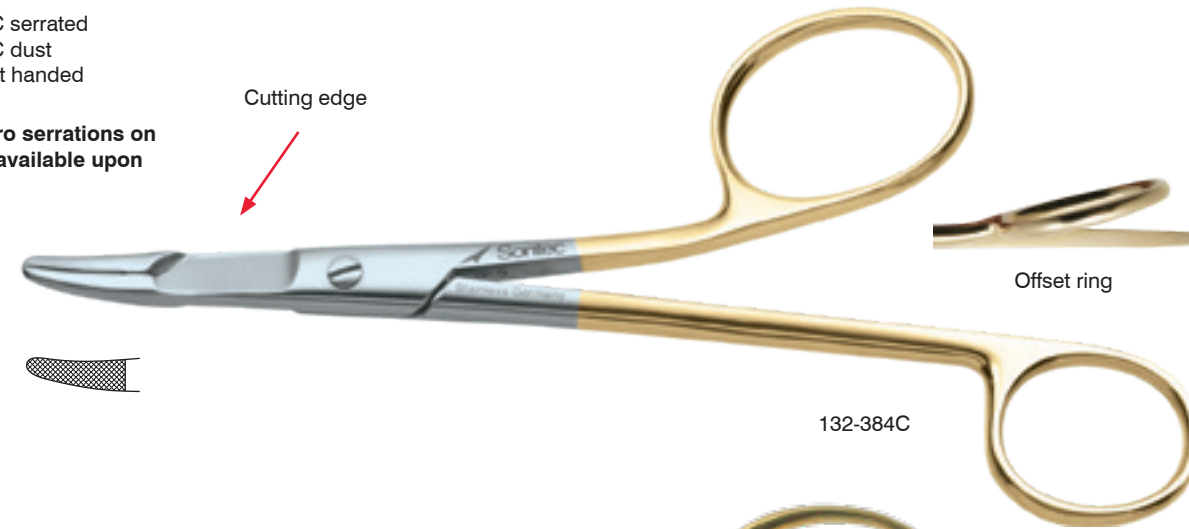
132-361

**Gillies Needle Holder**

Curved / 6 1/8" (15.5 cm)

- 132-384C TC serrated
- 132-384D TC dust
- 132-384L left handed

\* Custom micro serrations on cutting blade available upon request



132-384C



132-384L

**Parkhouse Needle Holder**

TC serrated / 5 1/2" (14 cm)

132-135

\* Custom micro serrations on cutting blade available upon request



132-135

**Foster-Gillies Needle Holder**

TC serrated

- 132-387 straight 3 7/8" (10 cm)
- 132-382 angled 4 3/4" (12 cm)
- 132-383 curved 5 3/4" (14.5 cm)
- 132-382L angled 4 3/4" (12 cm) \*
- 132-383L curved 5 3/4" (14.5 cm) \*

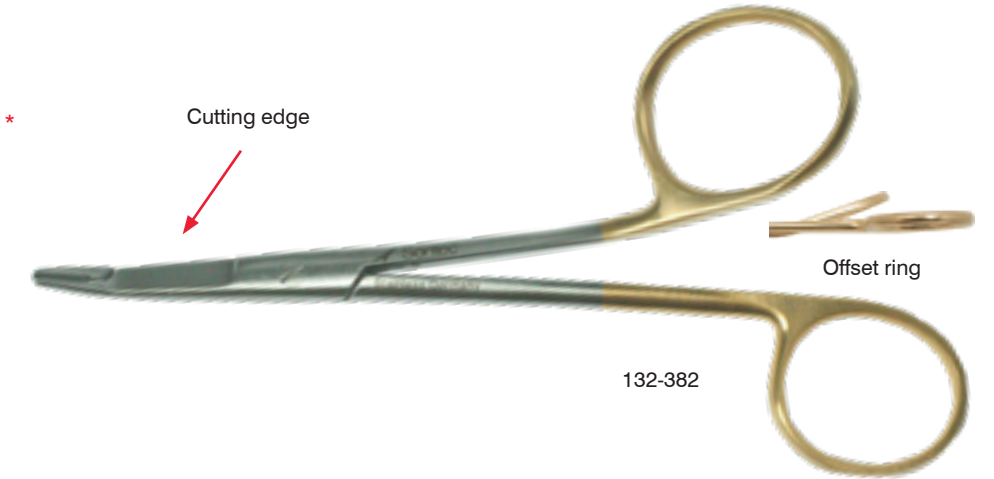
\* Left handed

\* Custom micro serrations on cutting blade available upon request



straight

angled



132-382

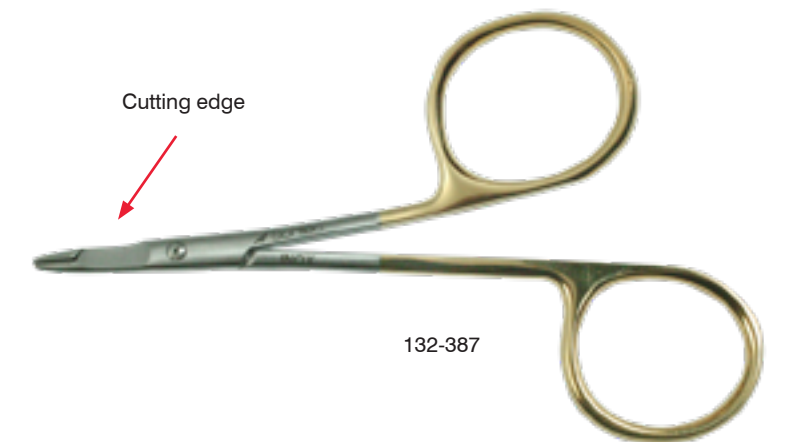


132-383



straight

angled



132-387

**Castroviejo Needle Holder with Scissors**

Flat handle / TC insert / 5 1/2" (14 cm) / suggested suture size 7-0 and smaller

- 15-1980 str w/ lock
- 15-1982 cvd w/ lock

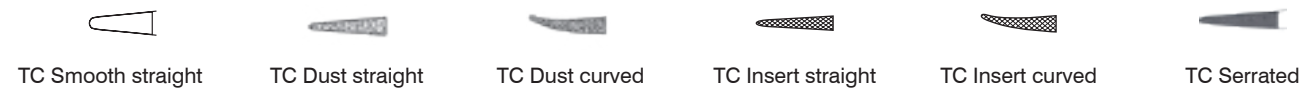
\* Custom micro serrations on cutting blade available upon request



15-1980



15-1982



**Mathieu-Olsen Needle Holder**

Serrated without TC

- 130-570 5 1/2" (14 cm)
- 130-572 6 3/4" (17 cm)
- 130-574 8" (20 cm)

Tungsten carbide serrated

- 1103-597 5 1/2" (14 cm)
- 1103-596 6 3/4" (17 cm)
- 1103-595 8" (20 cm)

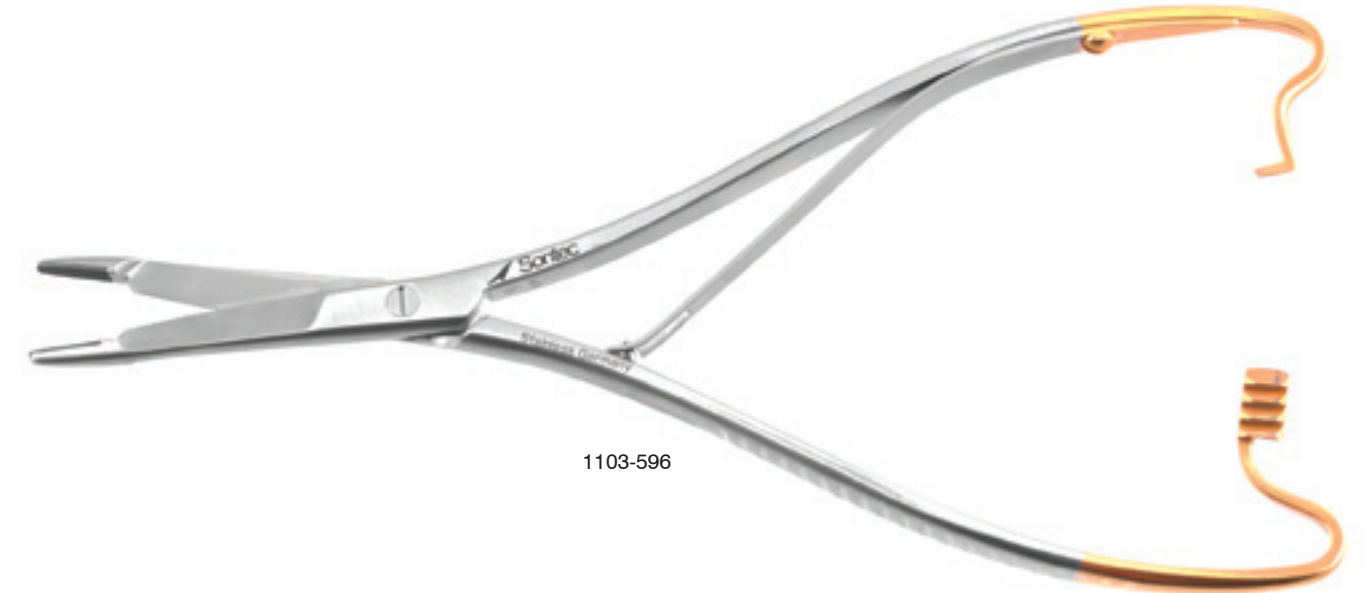
\* Custom micro serrations on cutting blade available upon request



1103-595



1103-597

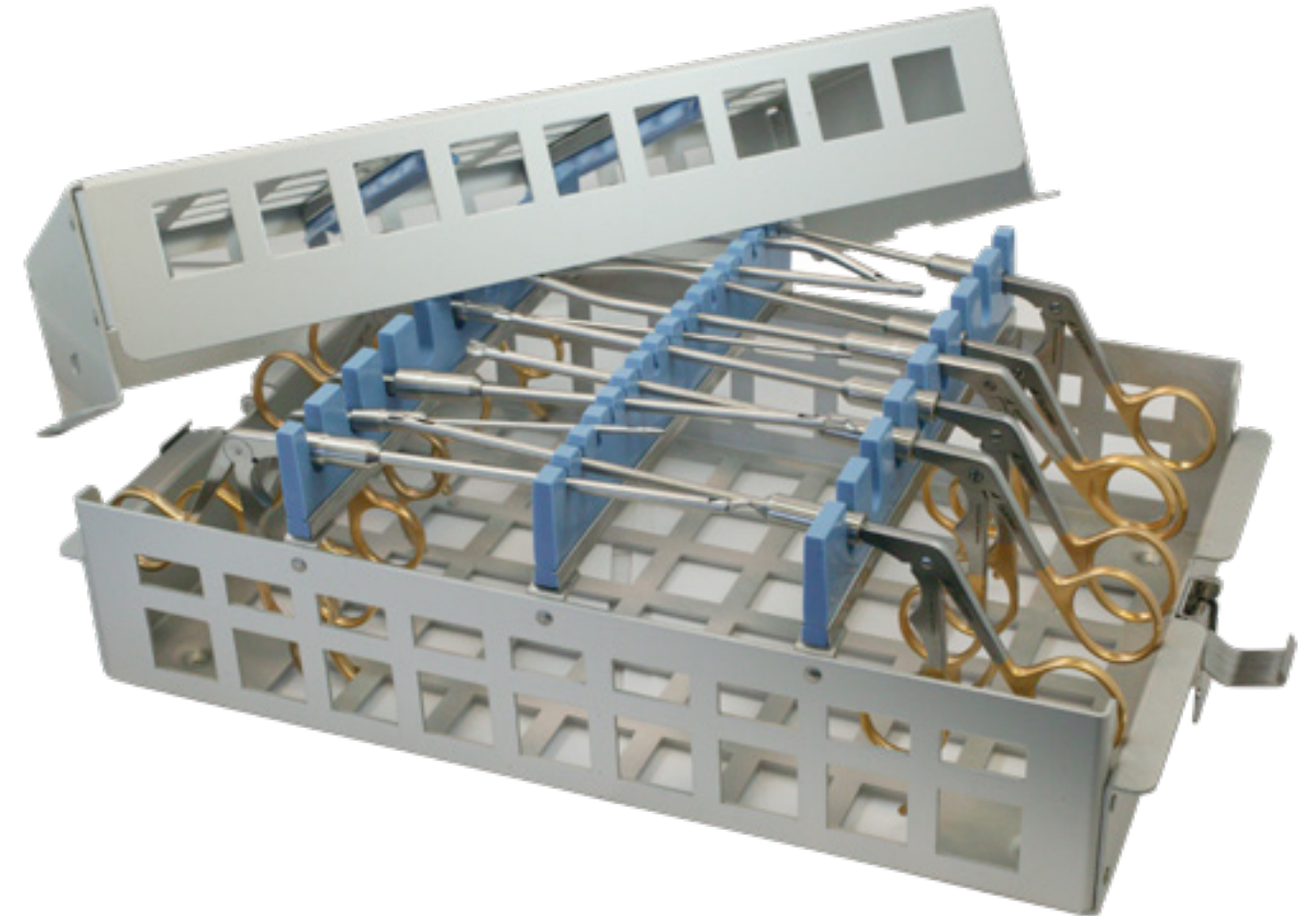


1103-596



 Sontec Instruments®

ARTHROSCOPIC



**Complete Arthroscopic sets (including tray) are available upon request. Please contact Sontec for more information.**

**Items shown are examples only. Customer must choose which 16 items to include in the set.**

**Restrictions apply 18-3318 tray only**

**Arthroscopic Hook Punch**

7" (18 cm)

2.7mm - custom size / please call Sontec for availability



with overload cone

1271-440

**With Scoop / with overload cone / 7" (18 cm)**



**Standard / with overload cone / 7" (18 cm)**



**2.7 mm**

- 1271-370 straight
- 1271-371 30° left
- 1271-372 30° right
- 1271-373 45° left
- 1271-374 45° right
- 1271-375 15° curved up

**2.7 mm**

- 1271-420 straight
- 1271-421 30° left
- 1271-422 30° right
- 1271-423 45° left
- 1271-424 45° right
- 1271-425 15° curved up

**3.4 mm**

- 1271-380 straight
- 1271-381 30° left
- 1271-382 30° right
- 1271-383 45° left
- 1271-384 45° right
- 1271-385 15° curved up

**3.4 mm**

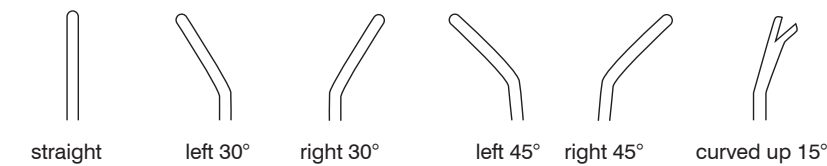
- 1271-430 straight
- 1271-431 30° left
- 1271-432 30° right
- 1271-433 45° left
- 1271-434 45° right
- 1271-435 15° curved up

**4.5 mm**

- 1271-390 straight
- 1271-391 30° left
- 1271-392 30° right
- 1271-393 45° left
- 1271-394 45° right
- 1271-395 15° curved up

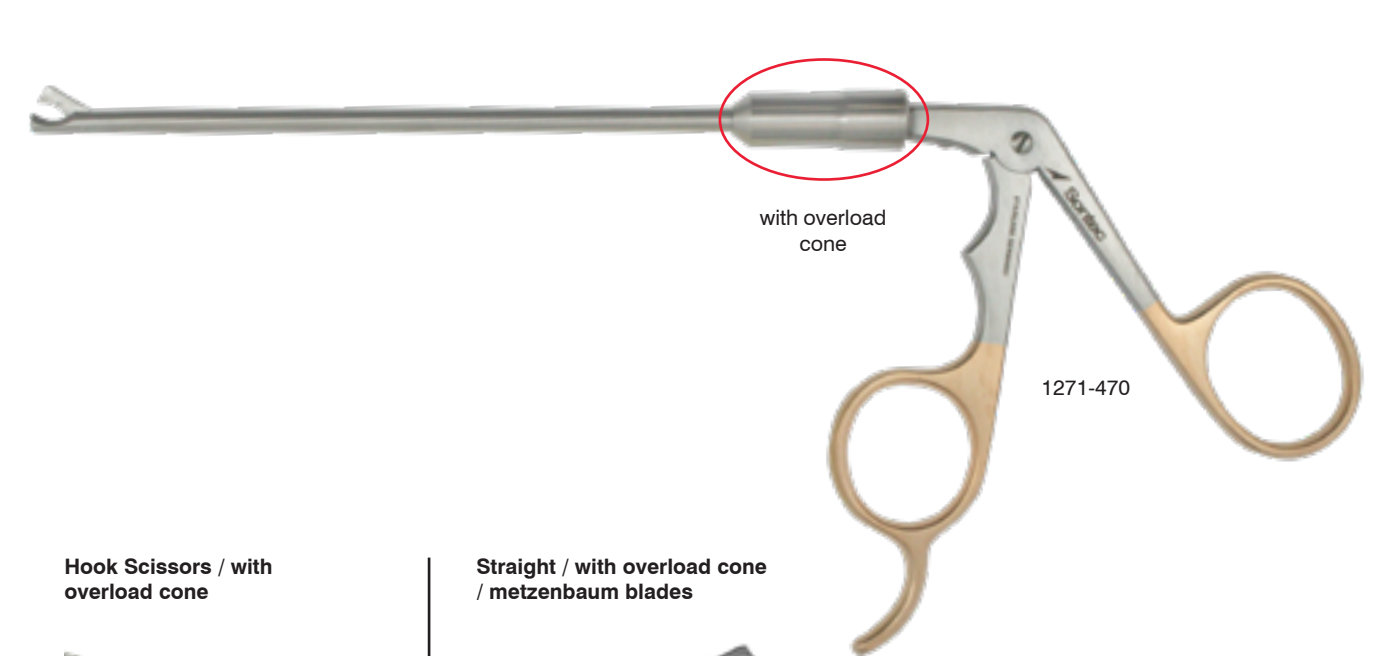
**4.5 mm**

- 1271-440 straight
- 1271-441 30° left
- 1271-442 30° right
- 1271-443 45° left
- 1271-444 45° right
- 1271-445 15° curved up



**Arthroscopic Metzenbaum Hook Scissors**

7" (18 cm)



with overload cone

1271-470

**Hook Scissors / with overload cone**



**Straight / with overload cone / metzenbaum blades**



**2.7 mm**

- 1271-450 straight
- 1271-451 30° left
- 1271-452 30° right
- 1271-453 45° left
- 1271-454 45° right

**3.4 mm**

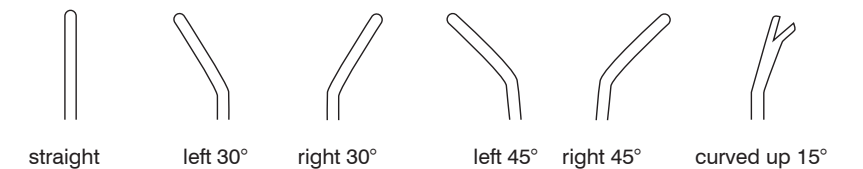
- 1271-550 straight
- 1271-551 30° left
- 1271-552 30° right
- 1271-553 45° left
- 1271-554 45° right
- 1271-555 15° curved up

**3.4 mm**

- 1271-460 straight
- 1271-461 30° left
- 1271-462 30° right
- 1271-463 45° left
- 1271-464 45° right

**4.5 mm**

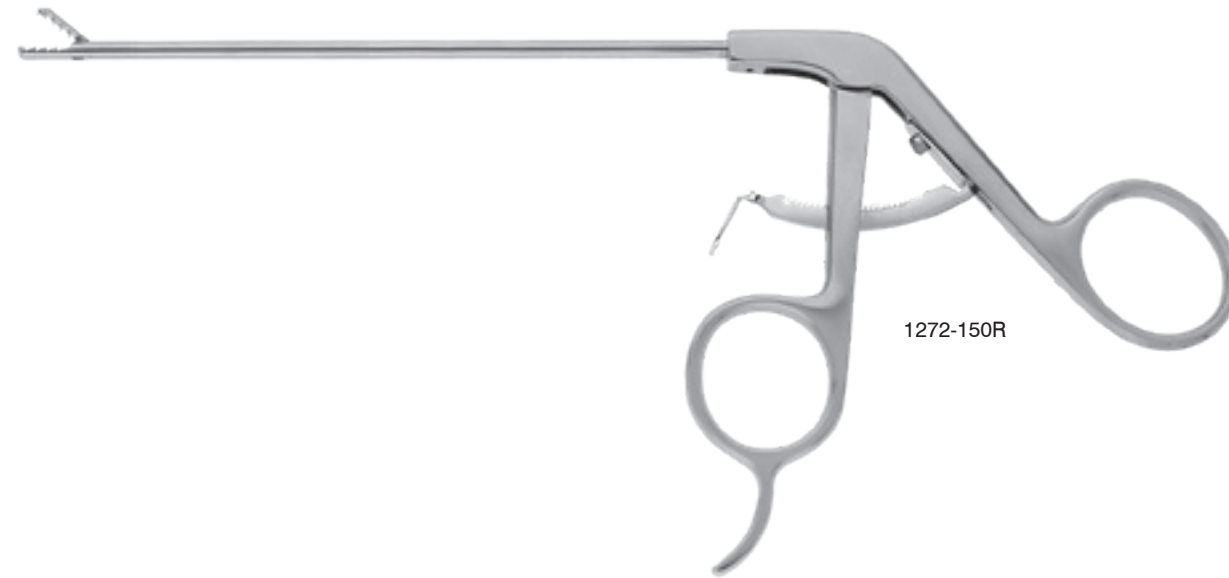
- 1271-470 straight
- 1271-471 30° left
- 1271-472 30° right
- 1271-473 45° left
- 1271-474 45° right



**Arthroscopic Biopsy & Grasping Rongeur**

7" (18 cm)

2.7mm - custom size / please call Sontec for availability



1272-150R

1x2 teeth / with ratchet handle



2.7 mm  
1272-150R

3.4 mm  
1272-151R

Grasping forceps / with ratchet handle



2.7 mm  
1272-146R

3.4 mm  
1272-147R

Biopsy spoon forceps / with ratchet handle



3.4 mm  
1272-155R

1x2 teeth / with ratchet handle



2.7 mm  
1272-148R

3.4 mm  
1272-149R

Biopsy grasping forceps / with ratchet handle



2.7 mm  
1272-152R

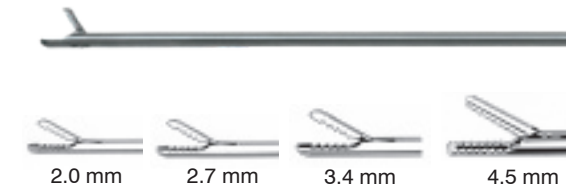
3.4 mm  
1272-153R

**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

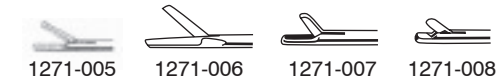
\* Available in 4.5 mm, please ask for details



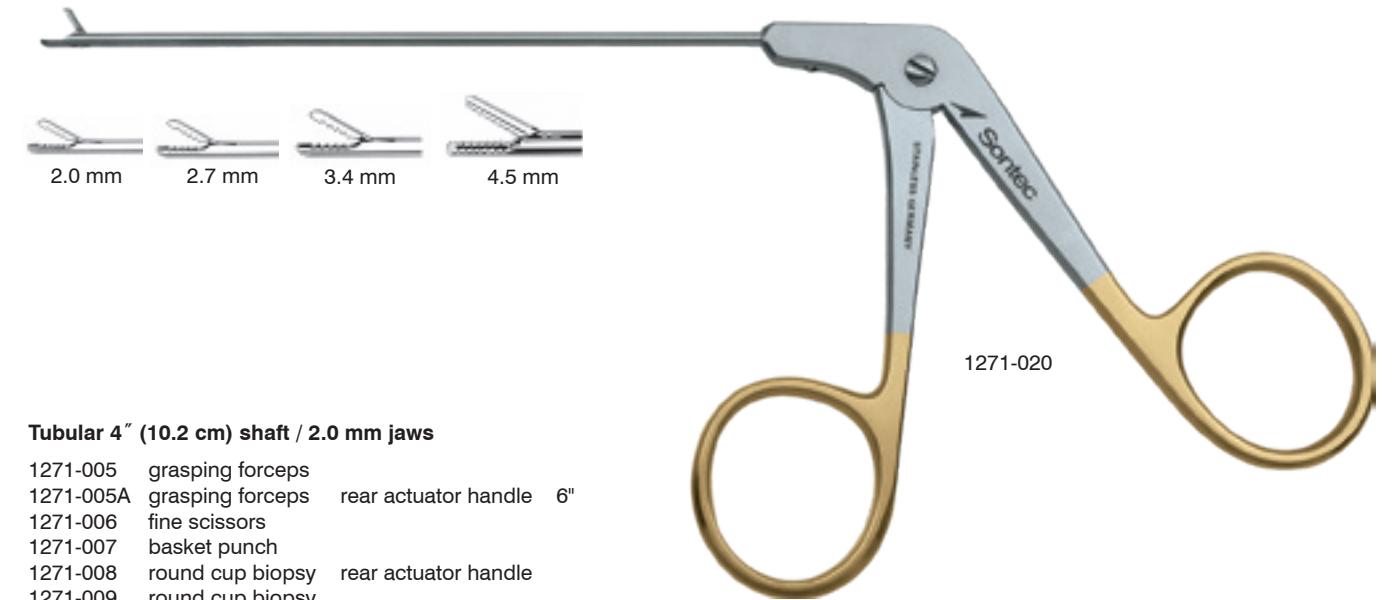
2.0 mm 2.7 mm 3.4 mm 4.5 mm

Tubular 4" (10.2 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 rear actuator handle
- 1271-009 round cup biopsy



1271-005 1271-006 1271-007 1271-008



1271-020






















1271-005A

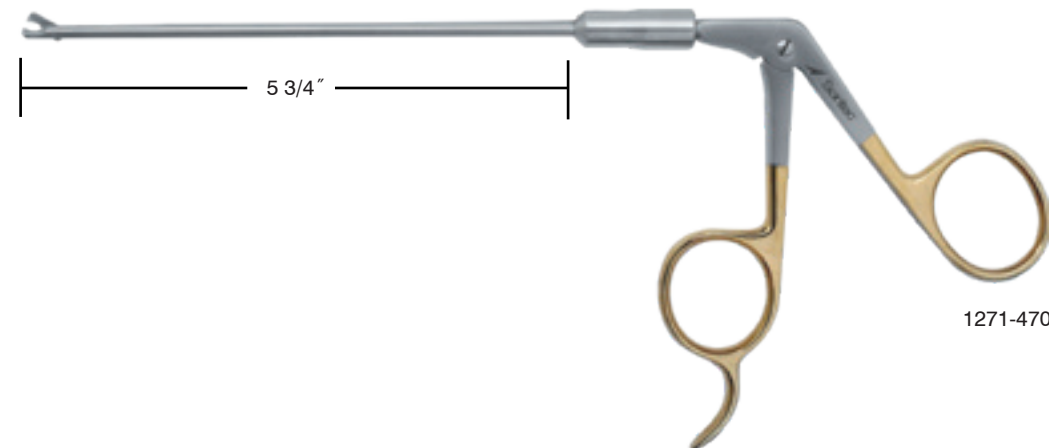
All tubular shaft instruments available upon request with rear actuator handles

**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°
							
<b>Square Punch</b>	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
<b>Hook Punch with Sccep</b>	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
<b>Basket Punch</b>	3.4 mm 	1271-400	1271-401	1271-402	1271-403	1271-404	
		1271-410	1271-411	1271-412	1271-413	1271-414	
	4.5 mm 						
<b>Hook Punch</b>	2.7 mm 	1271-420	1271-421	1271-422	1271-423	1271-424	1271-425
	3.4 mm 	1271-430	1271-431	1271-432	1271-433	1271-434	1271-435
	4.5 mm 	1271-440	1271-441	1271-442	1271-443	1271-444	1271-445
<b>Hook Scissors</b>	2.7 mm 	1271-450	1271-451	1271-452	1271-453	1271-454	
	3.4 mm 	1271-460	1271-461	1271-462	1271-463	1271-464	
	4.5 mm 	1271-470	1271-471	1271-472	1271-473	1271-474	

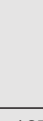


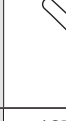










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1271-470

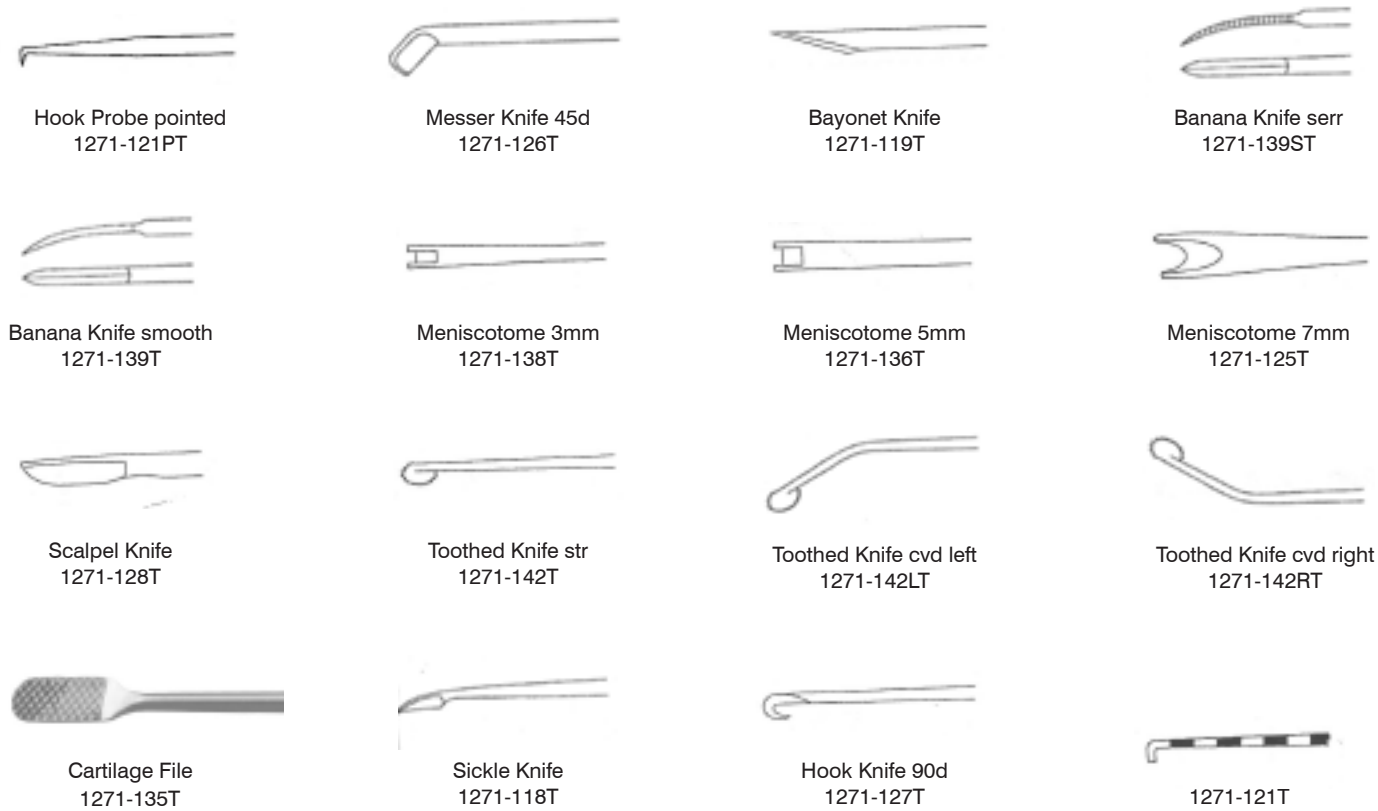
**Arthroscopic Punch Rongeur**

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°
							
<b>Hook Punch with Mini Jaw</b>	2.7 mm 	1271-480	1271-481	1271-482	1271-483	1271-484	1271-485
	3.4 mm 	1271-490	1271-491	1271-492	1271-493	1271-494	1271-495
	4.5 mm 	1271-500	1271-501	1271-502	1271-503	1271-504	1271-505
<b>Square Bite / curved up</b>	3.4 mm 	1271-510	1271-511	1271-512	1271-513	1271-514	1271-515
<b>Square Bit / curved up 15°</b>	3.4 mm 	1271-520	1271-521	1271-522	1271-523	1271-524	1271-525
<b>Side punch / left</b>	3.4 mm 	1271-530	1271-531	1271-532	1271-533	1271-534	1271-535
<b>Side Punch / right</b>	3.4 mm 	1271-540	1271-541	1271-542	1271-543	1271-544	1271-545
<b>Scissor, / straight</b>	3.4 mm 	1271-550	1271-551	1271-552	1271-553	1271-554	1271-555

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

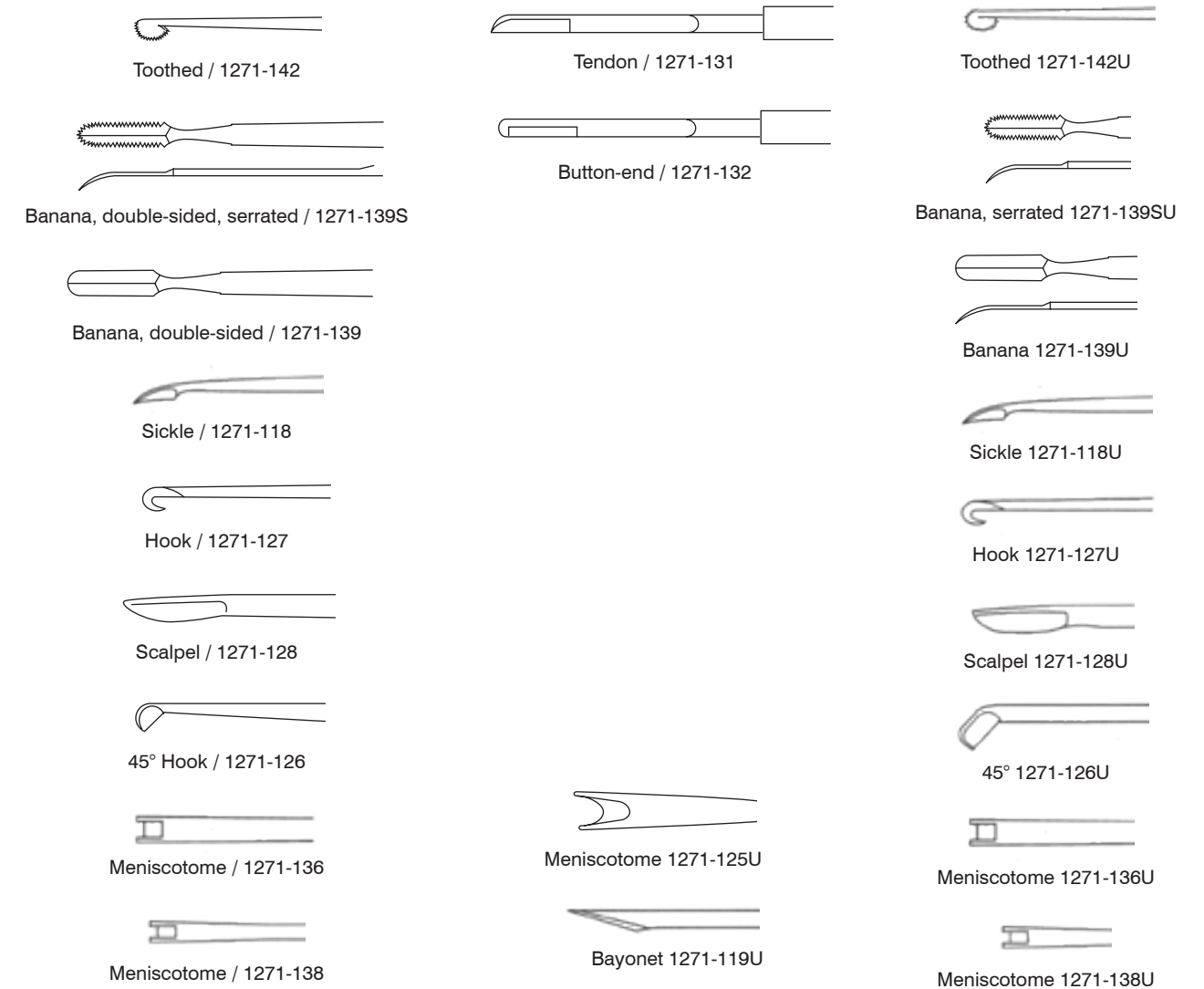
9 1/4" (23.5 cm) / triangle handle



**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



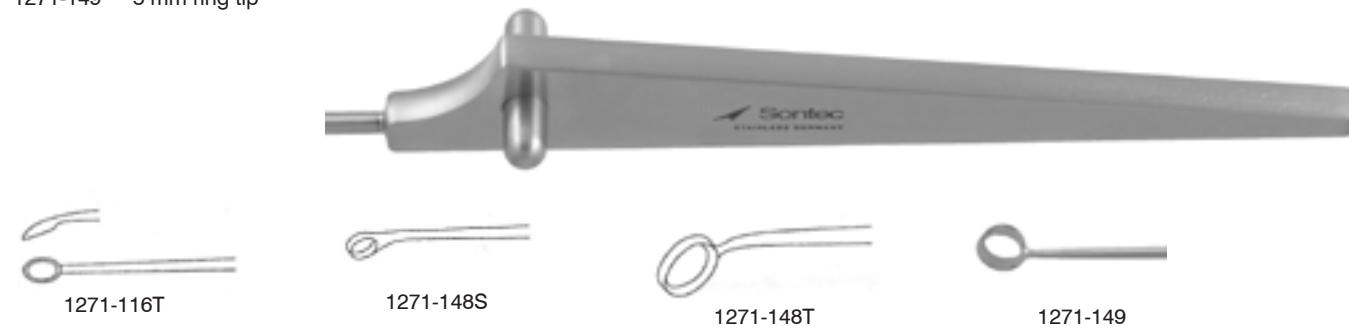
**Arthroscopic Curette & Ring Curette**

**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)**

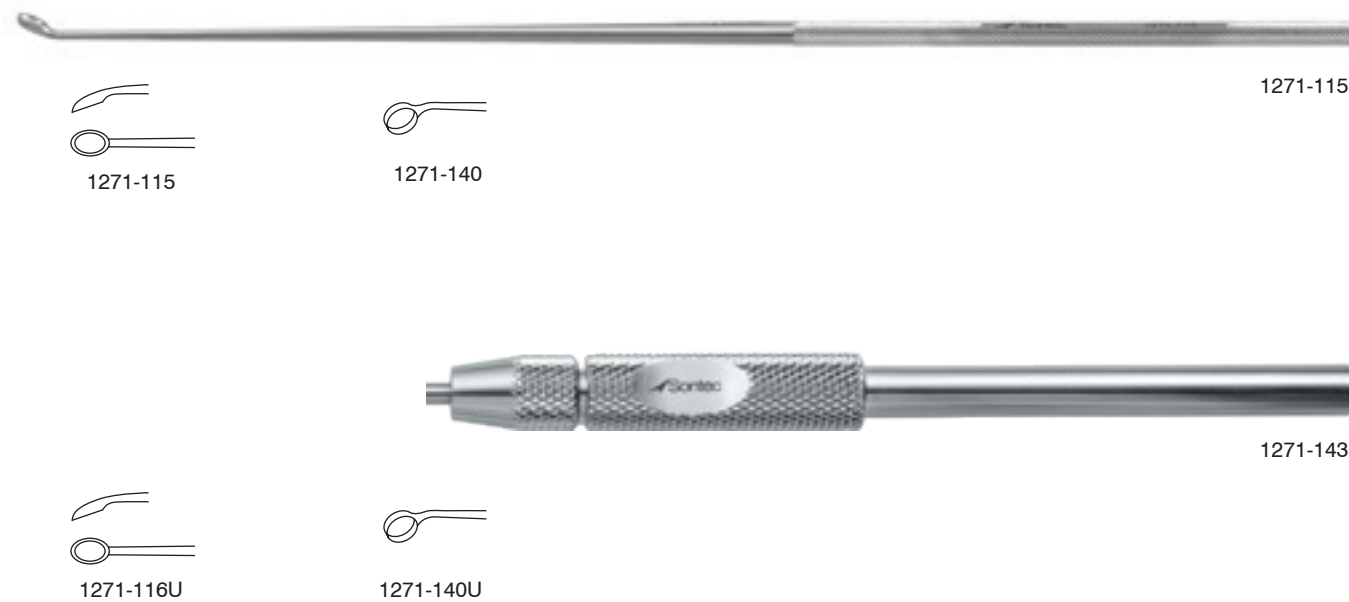
- 1271-115 30° curved curette
- 1271-140 right angled sharp ring tip

**"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**

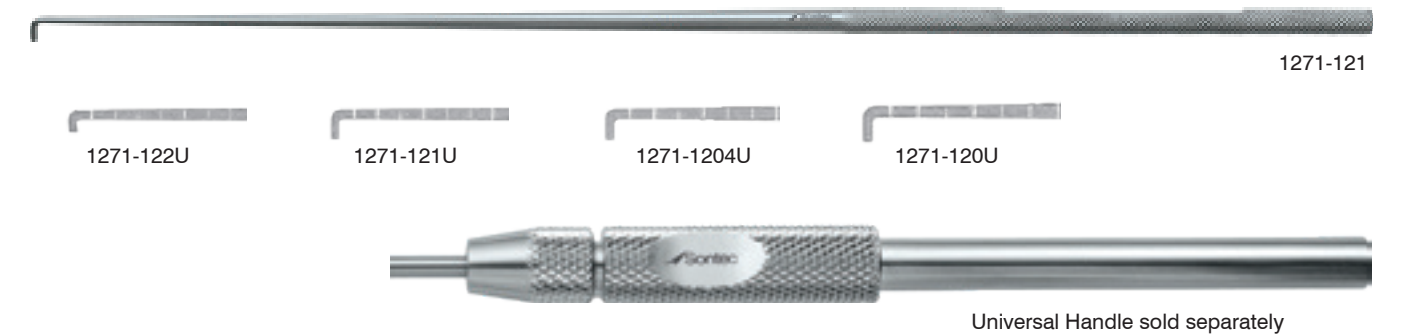
- 1271-143 universal handle sold separately



**Arthroscopic Hook Probe**

**9" (23 cm)**

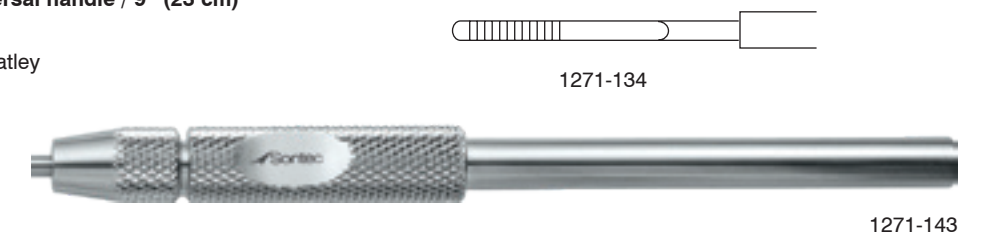
- 1271-121 3.5 mm knurled handle
- 1271-122 2.5 mm knurled handle
- 1271-122U 2.5 mm for universal handle
- 1271-121U 3.5 mm for universal handle
- 1271-1204U 4 mm for universal handle
- 1271-120U 5 mm for universal handle



**Arthroscopic Rasp**

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

- 1271-134
- 1271-143 universal handle sold separately



**Arthroscopic Hook Probe with Conical Handle**

**3.5 mm tip**

- 1271-121A 4 1/2"
- 1271-121B 6"
- 1271-121C 7 1/2"

**4 mm tip Ø**

- 1271-1218 8 1/4"



**McIlwraith Arthroscopic Hook Probe**

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

1271-129



1271-129

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

1271-130



1271-130

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

1271-130PH



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



1271-123



1271-120



1271-123LW

**Arthroscopic Rasp**

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

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



1271-133U



1271-143

**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)



1271-325



1271-330

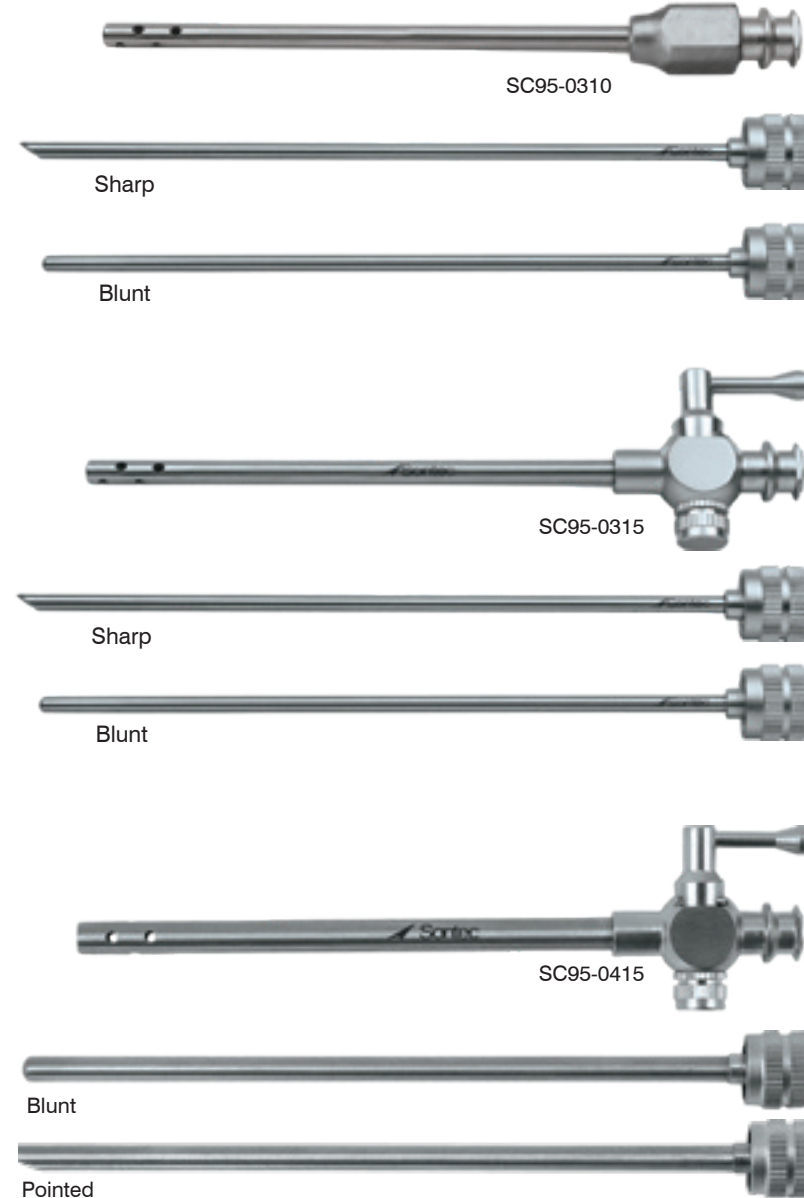


1271-320

**Egress Cannula Set**

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

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



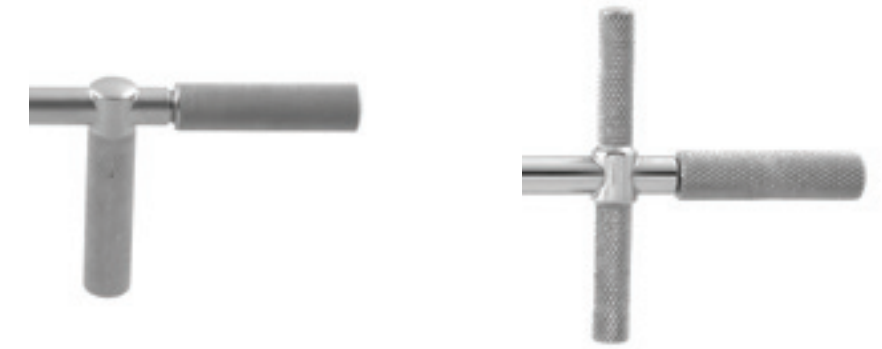
**Egress Cannula Set**

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



available with T-handle or L-handle shown above

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



**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	sizes in set:
	1.1mm
	2.4mm
	2.9mm
	3.2mm
	3.7mm



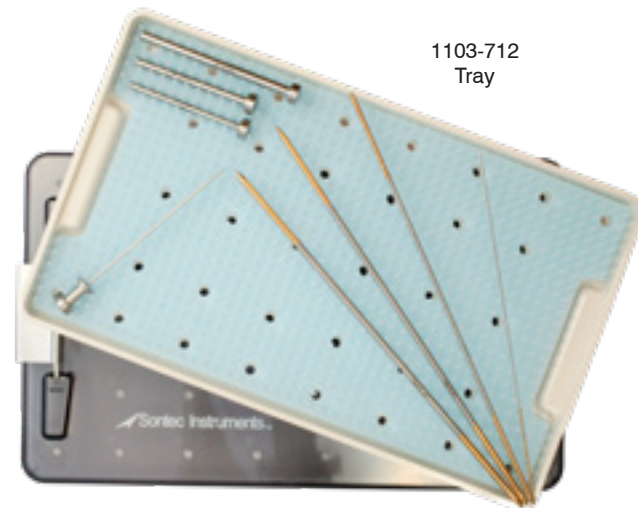
1271-117

**Small Joint Arthroscopic Cannula Switch Stick Set**

Complete with 4 cannulas, 4 switch sticks, cannulated obturator, and lightweight anodized case

SC95-0425

\*Instruments are also available separately



1103-712  
Tray

**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 Cannulated Obturator**

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

SC95-0420



SC95-0421

SC95-0422

SC95-0423

SC95-0424

**Arthroscopic Switch Stick**

- 1271-117 3.2mm 8 3/4" (22 cm)
- 1271-117-1 1.1mm 7" (18cm)
- 1271-117-2 2.9mm 8 3/4 (22cm)
- 1271-117-3 3.7mm 8 3/4 (22cm)
- 1271-117-4 complete switch stick set



1271-117

1271-117-1

1271-117-2

1271-117-3

SC95-0420

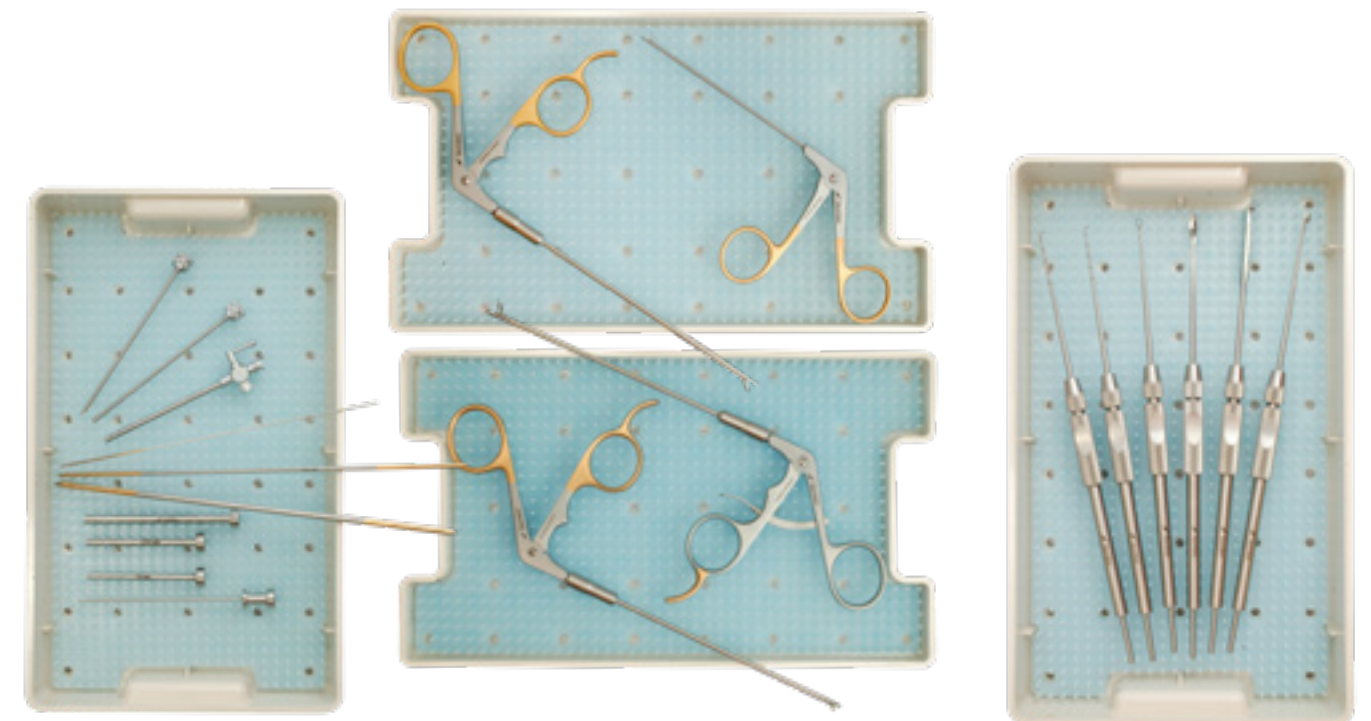
**Small Joint Complete Arthroscopic Set**

Includes the following instruments

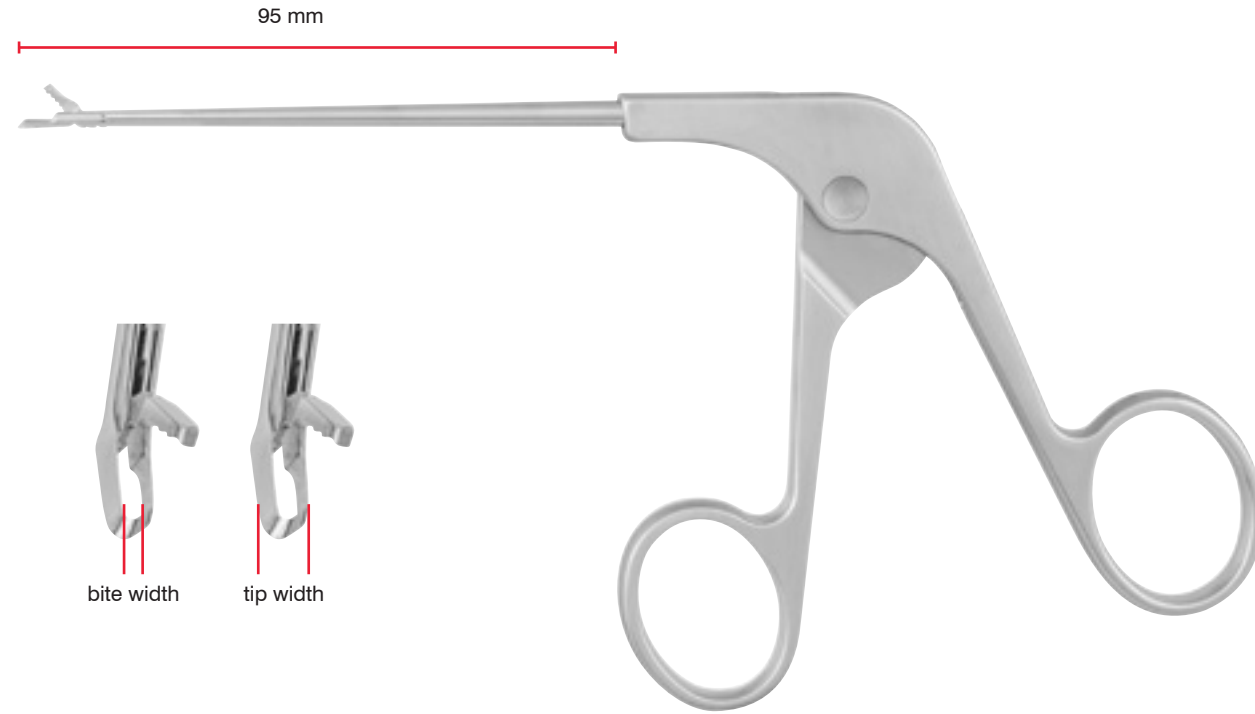
Sc95-0427 complete set

\* 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



SMALL JOINT INSTRUMENTS



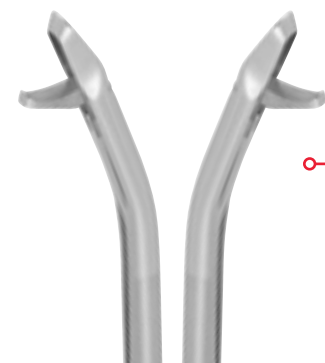
**Straight:** The primary style for direct approach



**Upbiter:** Angled up at the tip



**Upswept:** Angled up on the shaft



**Curved left and curved right:** Curved on the shaft left or right

SMALL JOINT INSTRUMENTS

Classic Handle

Scissors, basket punches and graspers are equipped with our traditional classic handle



Slide Lock Handle

All graspers are equipped with this infinite position locking handle design



**SMALL JOINT INSTRUMENTS**

Designed especially for small joints, these instruments have shorter stems and smaller jaws to provide ideal access for the elbow, wrist and ankle

**Punch**

**Punch / oval Jr. / 3 3/4" shaft / 2.30 mm bite width / 3.50 tip width / classic handle**

- 1273-151 straight shaft
- 1273-153 left Cvd Shaft
- 1273-152 right Cvd Shaft



**Basket Punch / Jr. / 3 3/4" straight shaft / 2.30 mm bite width / 3.50 tip width / classic handle**

- 1273-150
- 1273-150L left curved shaft



**Basket Punch / Jr. / upbiter / 3 3/4" straight shaft / 2.30 mm bite width / 3.50 tip width / classic handle**

- 1273-154



**Basket Punch / blunt Jr. / 3 3/4" straight shaft / 1.70 mm bite width / 3.00 tip width / classic handle**

- 1273-155



**Scissors**

**Hook Scissors / 3 3/4" straight shaft / classic handle**

- 1273-156



**Rongeur**

**Rongeur Raptor / Jr. / 3 3/4" straight shaft / classic handle**

- 1273-161



**Forceps**

**Grasping Forceps Alligator / Jr. / 3 3/4" straight shaft / slide-lock handle**

- 1273-122



**Grasping Forceps Alligator / Jr. / 1x2 teeth / 3 3/4" shaft / slide-lock handle**

- 1273-123



**SHOULDER INSTRUMENTS**

155 mm



**Straight:** The primary style for direct approach

**Upbiter:** Angled up at the tip

**Upswept:** Angled up on the shaft

**Curved left and curved right:** Curved on the shaft left or right

**Arthroscopic Crocodile Grasping Forceps**

**Straight / 2.7 mm jaw / 5" (13 cm) shaft**

- 1273-112 with locking mechanism
- 1273-113 without locking mechanism



**Arthroscopic Rottweiler Loosebody Grasping Forceps**

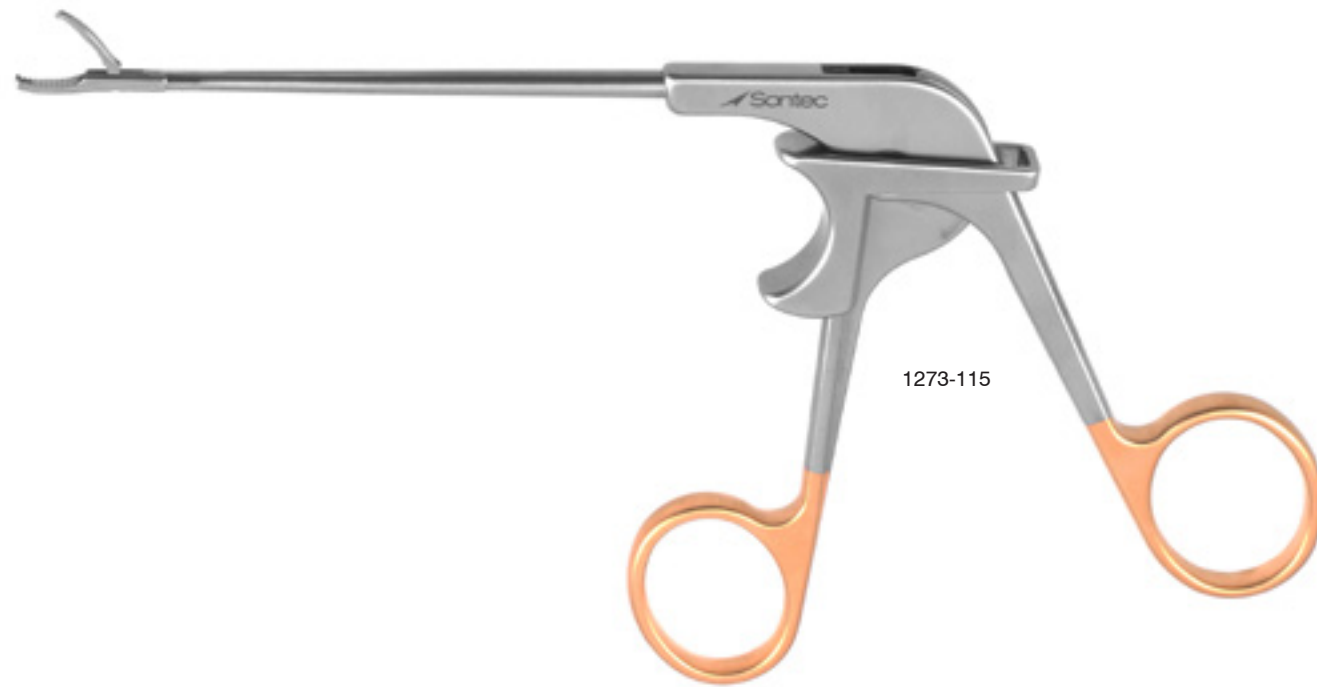
**With locking mechanism / 1 x 2 teeth / 2.7 mm / 6 1/2" (16.5 cm)**

- 1273-114 with locking mechanism
- 1273-1141 without locking mechanism



**Rottweiler Junior Loosebody Grasping Forceps**

With locking mechanism / straight / 1 x 2 teeth / 2.7 mm / 5" (12.7 cm)  
1273-115



**Arthroscopic Velociraptor Biopsy Forceps**

Straight / 3.4 mm jaw / 5" (13 cm) shaft  
1273-162



**Arthroscopic Velociraptor Junior Biopsy Forceps**

Straight / 2.7 mm jaw / 3 1/2" (9 cm) shaft  
1273-171





 Sontec Instruments®

Bone & NAIL CUTTING Forceps

**Liston Bone Cutting Forceps**

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

- 315-765 straight
- 315-775 angled

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

- 315-766 straight
- 315-776 angled

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

- 315-767 straight
- 315-777 angled
- 315-779 angled to side

**8 1/2" (21.5 cm)**

- 315-768 straight
- 315-778 angled

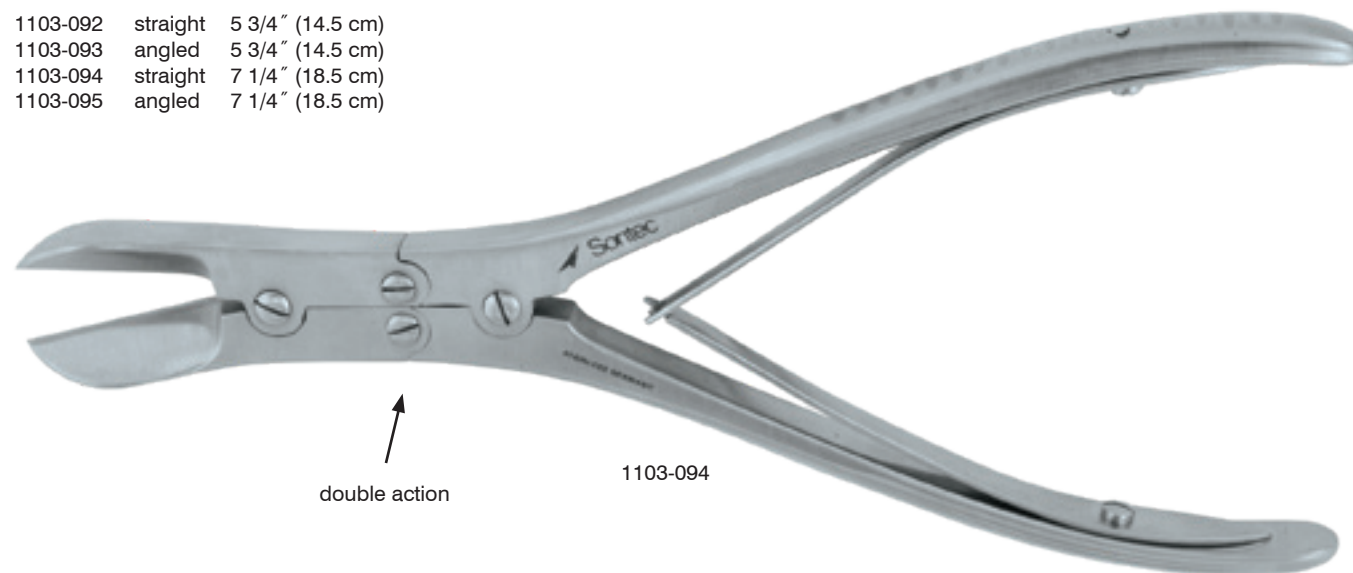


315-776

**Ruskin-Liston Bone Cutting Forceps**

**Double-action**

- 1103-092 straight 5 3/4" (14.5 cm)
- 1103-093 angled 5 3/4" (14.5 cm)
- 1103-094 straight 7 1/4" (18.5 cm)
- 1103-095 angled 7 1/4" (18.5 cm)



double action

1103-094

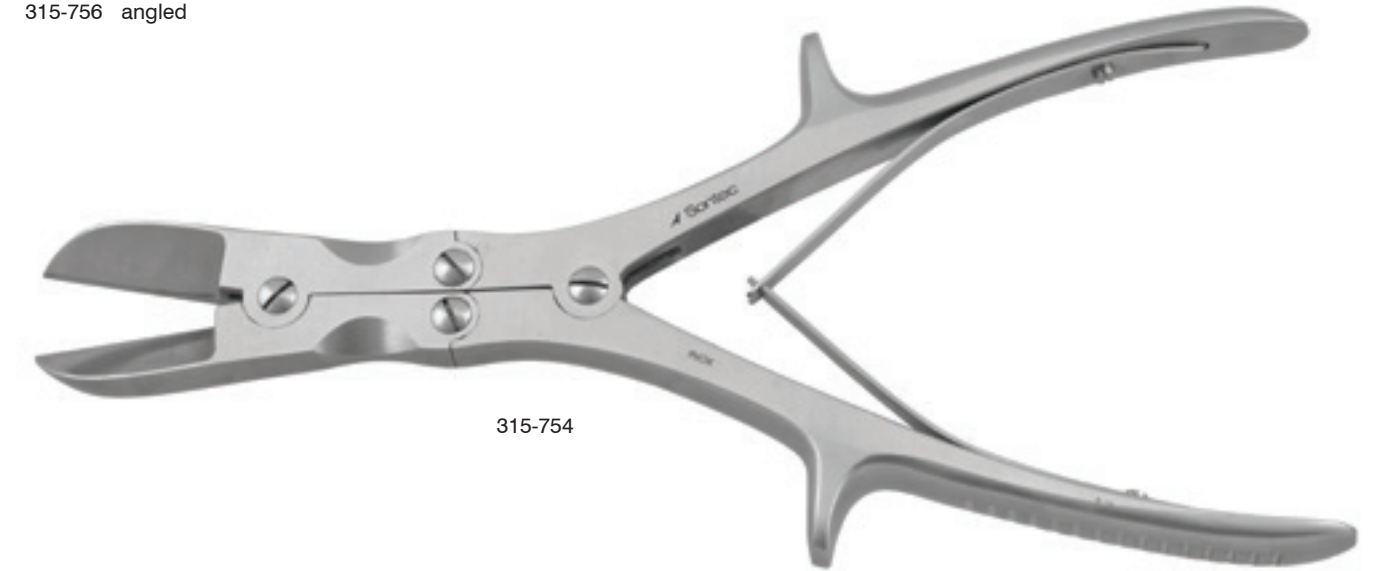
**Stille-Liston Bone Cutting Forceps**

**Double-action / 9" (23 cm)**

- 315-752 angled up

**Double-action / 10 1/2" (26 cm)**

- 315-754 straight
- 315-756 angled

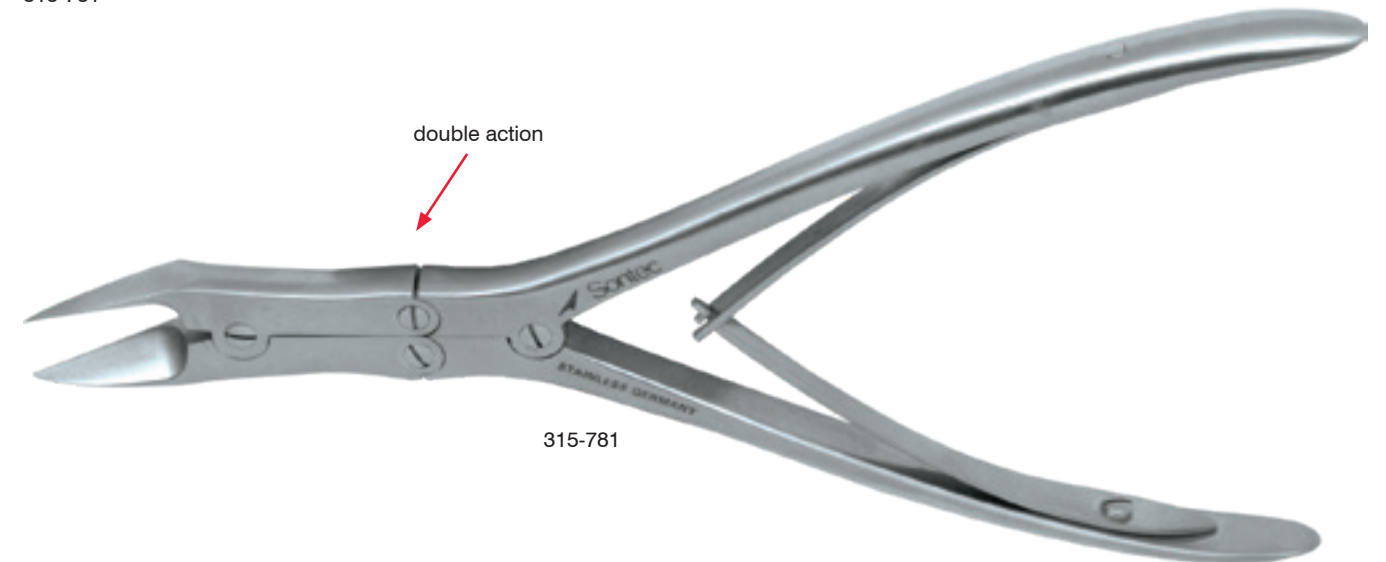


315-754

**McIndoe Bone Cutting Forceps**

**Double-action / angled / 7 1/4" (18.5 cm)**

- 315-781



double action

315-781



 Sontec Instruments®

ENT SAWS

**Langenbeck Metacarpal Saw**

Blade length 4 1/4" (10 cm) / 9 1/4" (23.5 cm)

345-212



345-212

**Linderman Amputation Saw**

Blade length 20 cm / 8" (20.5 cm)

345-214



345-214

**Wellenschliff Nasal Saw**

Straight / 7 1/2" (19 cm)

345-248

345-249 round end



345-248



345-249

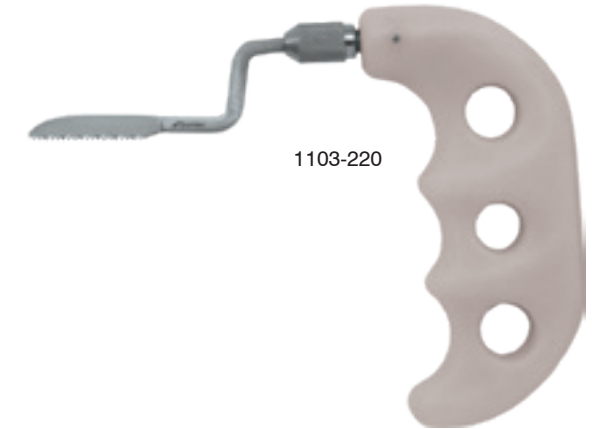
**Cottle Bone Saw**

AKA Patella Bone Saw / Delrin handle

1103-220-SET includes handle and blade

1103-221 replacement blade only

1103-219 handle only



1103-220

**Gigli Saw Blades**

1100-503 12" (30 cm)

1100-504 20" (51.5 cm)

1100-505 30" (76 cm)



1100-503

**Gigli Saw Blade Handle**

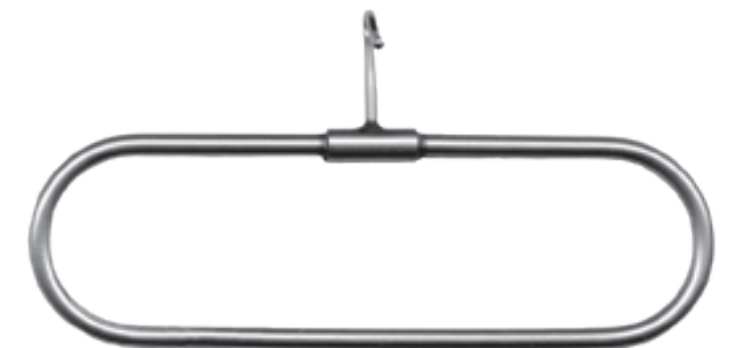
Available in pairs

1100-506 loop style

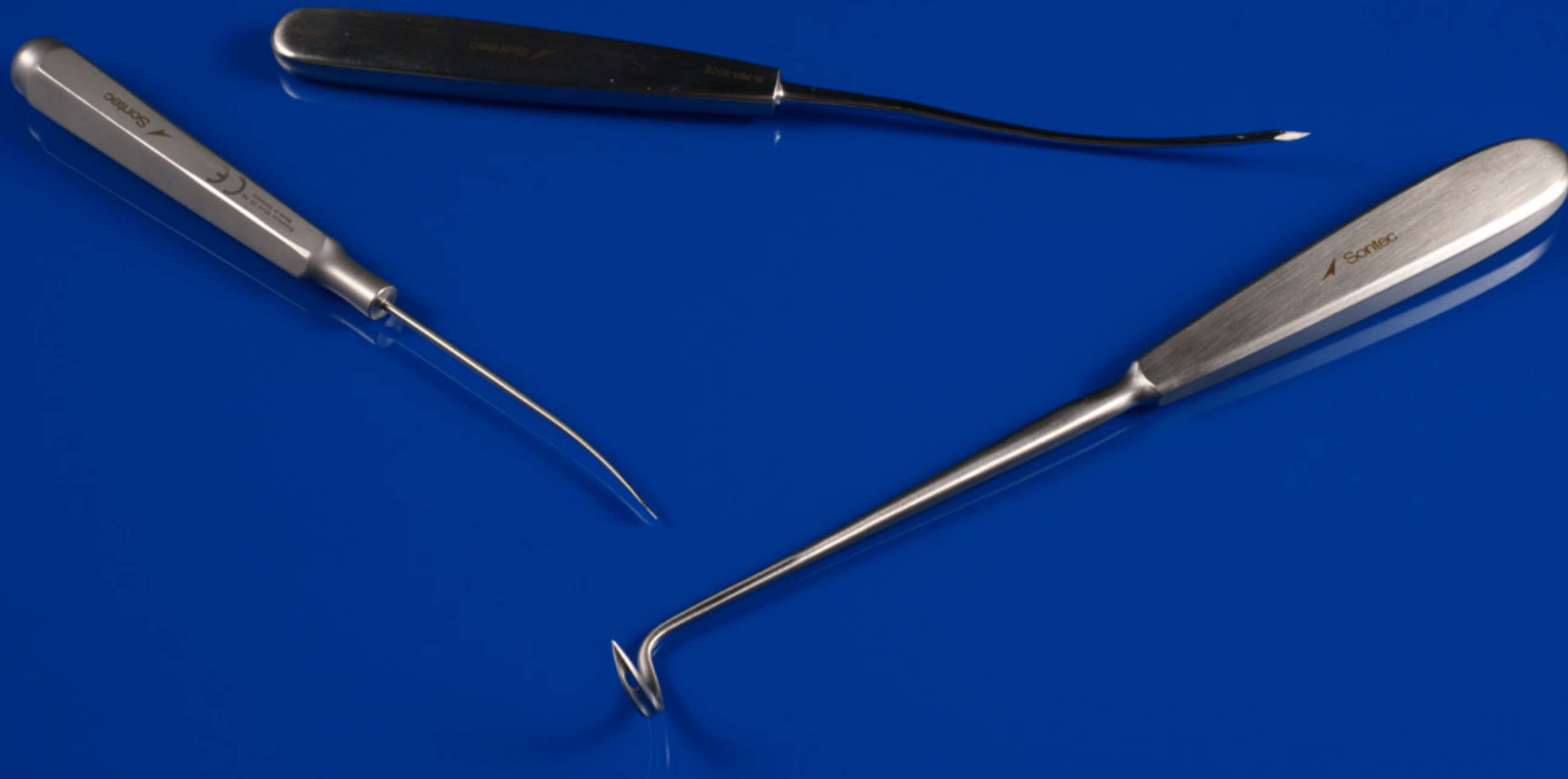
1100-508 T-Handle



1100-508



1100-506

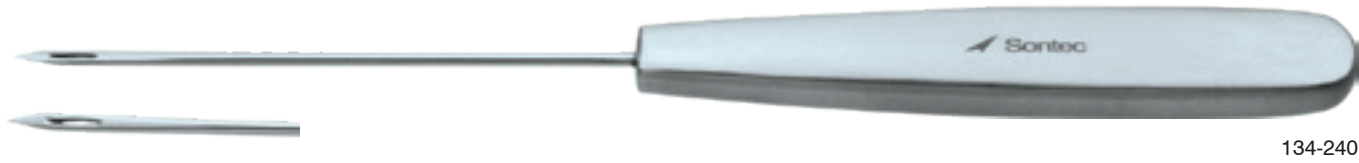


 Sontec Instruments®

Ligature Carriers

**Cassio Ligature Carrier**

Sharp / straight / 8" (20.5 cm)  
134-240



**Sontec Reverdin Blunt Needle/Ligature Carrier**

Blunt / curved / 8" (20.5 cm)  
134-242



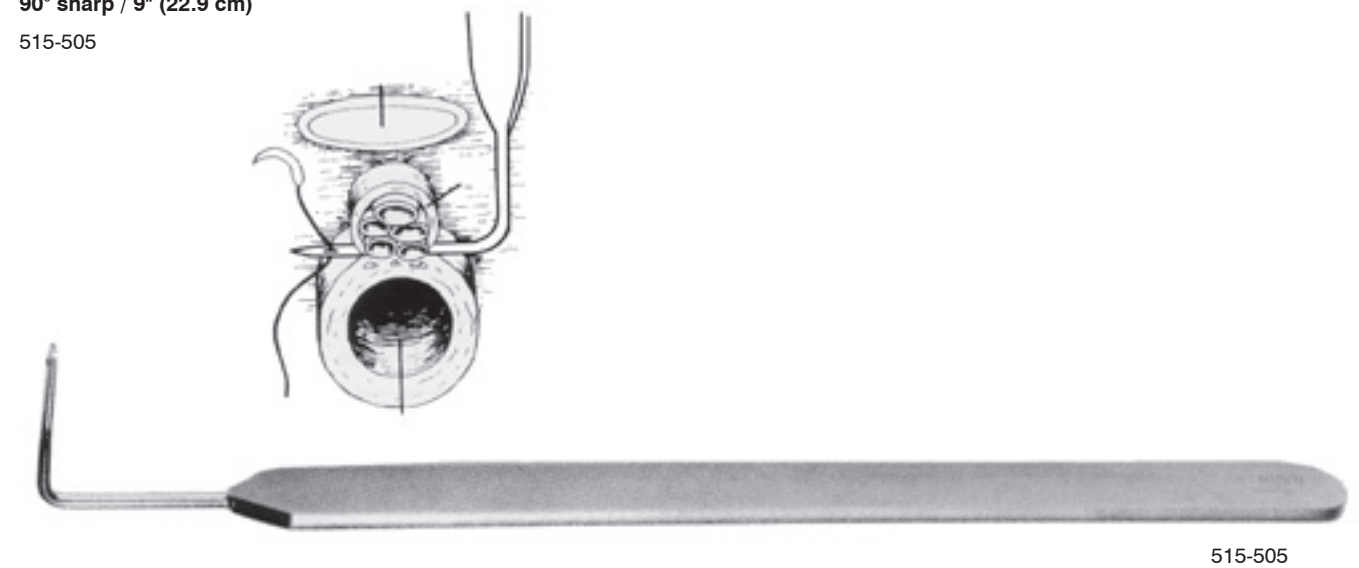
**Reverdin Needle/Ligature Carrier**

Sharp / curved / 8" (20.5 cm)  
134-276



**Durrani Dorsal Vein Complex Ligation Needle**

90° sharp / 9" (22.9 cm)  
515-505



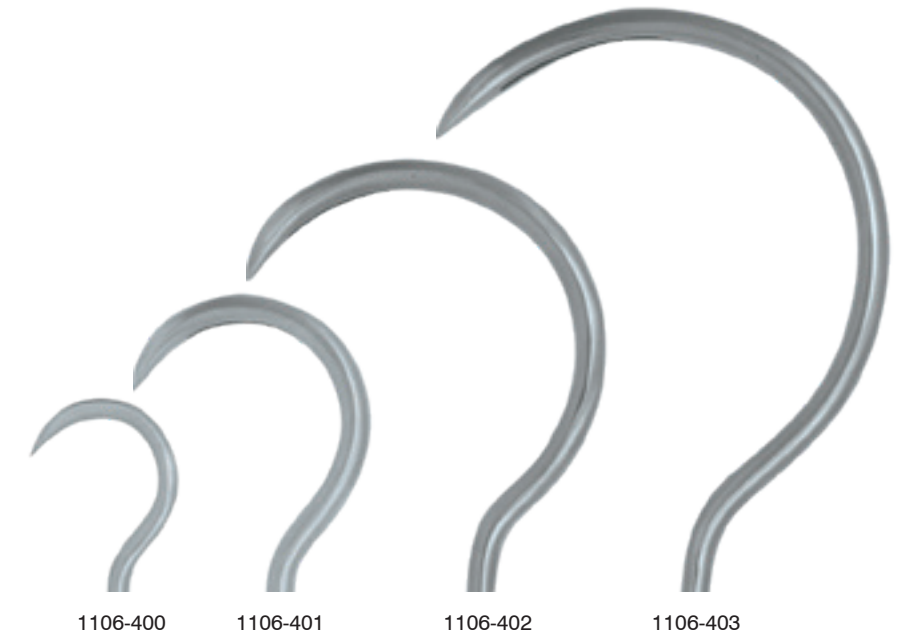
**Tendon Passer Ligature Carrier**

10.5" (26 mm) / 11" phenolic handle  
305-910



**Graft Passer Ligature Carrier**

**Curved**  
1106-400 2 cm extra small  
1106-401 3 cm small  
1106-402 4.5 cm large  
1106-403 6 cm extra large  
1106-404 8cm XX large



**Deschamps Ligature Carrier**

**Small / 25 mm / 8" (20 cm)**

- 134-277 sharp left
- 134-278 sharp right
- 134-280 blunt left
- 134-281 blunt right



134-278

**Medium / 30 mm / 8" (20 cm)**

- 134-277M sharp left
- 134-278M sharp right
- 134-280M blunt left
- 134-281M blunt right

**Large / 35 mm / 9 1/2" (24 cm)**

- 134-282A sharp left
- 134-282B sharp right



134-277

**Schmieden-Dick Ligature Carrier**

**Malleable / 12 3/4" (32.5 cm)**

- 134-267



134-267

**Entner Ligature Carrier**

**Curved**

- 134-243 8.1/4" (21 cm)
- 134-245 6.1/2" (16.5 cm)



134-243

**Sanders Brown Ligature Carrier**

**10" (25 cm)**

- 134-248



134-248

**Eyebrow Lifting Ligature Carrier**

**11" (28 cm)**

- 134-268



134-268

**Facia Ligature Carrier**

**6" (15 cm)**

- 134-247



134-247



 Sontec Instruments®

RASPS

**Double-Ended Rasp**

Single-sided / 7" (18 cm)

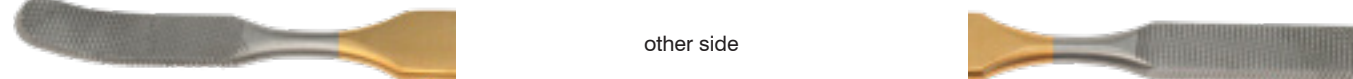
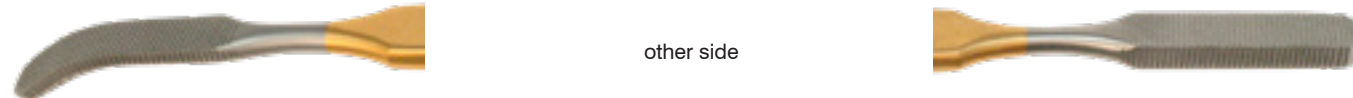
1103-224



**Sontec® Fomon Rasp**

Double-ended / four-sided / 8 1/2" (21.5 cm)

- 1100-492 straight
- 1100-492A straight fine
- 1100-492B one end concave
- 1100-492C one end convex



**Fomon Rasp**

Double ended / single-sided / 8 1/2" (21.5 cm)

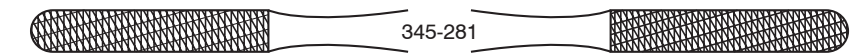
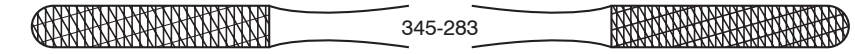
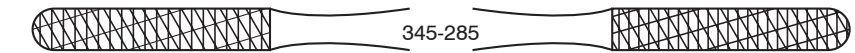
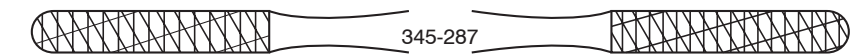
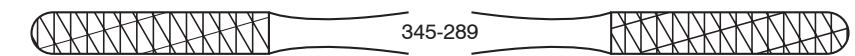
- 1100-492F straight
- 1100-492G one side concave
- 1100-492D one side convex



**Foman TC Insert Rasp**

TC / double-ended / single-sided / 8 1/2" (21.5 cm)

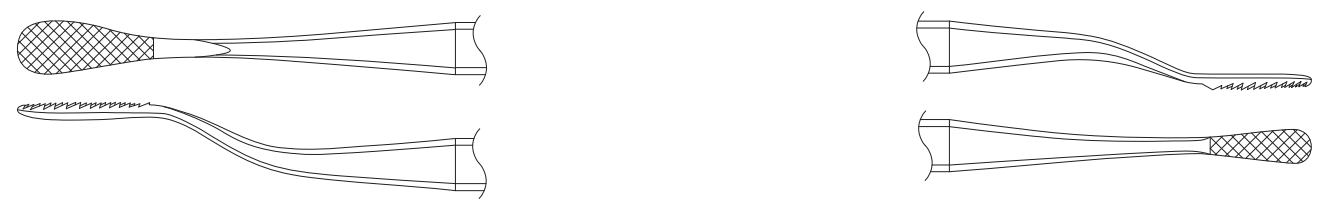
- 345-289 9 / 10
- 345-287 7 / 8
- 345-285 5 / 6
- 345-283 3 / 4
- 345-282 2 / 3
- 345-281 1 / 2



**Miller Cross Serrated Rasp**

Double-ended / cross-serrated / up & down rasping / 7 1/8" (18.25 cm)

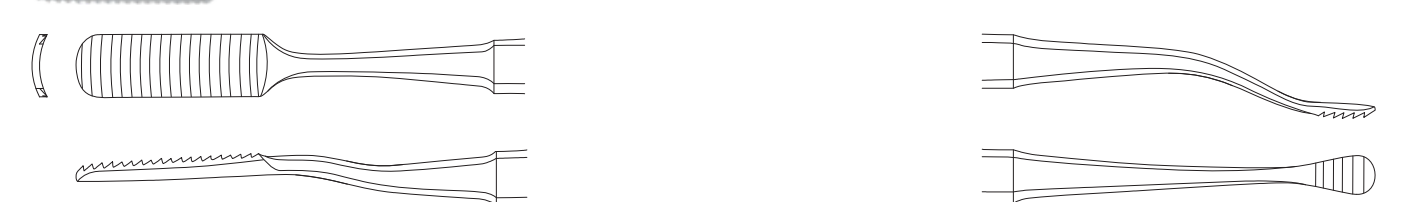
- 1103-232 4 mm & 4 mm wide
- 1100-490C 5 mm & 6 mm wide
- 1103-225C 5 mm & 7 mm wide
- 1100-491 6 mm & 7 mm wide



**Miller Parallel Serrated Rasp**

Double-ended / regular cut / down rasping / 7 1/8" (18.25 cm)

- 1103-228 4 mm & 4 mm wide
- 1100-490 5 mm & 5 mm wide
- 1103-238 5 mm & 7 mm wide
- 1103-236 5 mm & 8 mm wide
- 1103-237 6 mm & 7 mm wide



**Sontec Micro Rasp**

Single-ended / double-sided / 5 1/2" (14 cm)

- 345-265 straight 2.1 mm x 30 mm x 1 mm
- 345-264 curved 3.2 mm x 30 mm x 2.5 mm

Single-ended / single-sided / special order

- 345-266 5 1/2" (14 cm) 3 mm x 30 mm x 2.0 mm
- 345-267 7" (18 cm) 3 mm x 30 mm x 2.0 mm



345-265



345-264



345-267

**Nail Rasp**

Single-sided / 6 3/4" (17 cm)

- 345-243

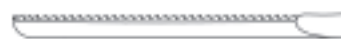


345-243

**Maltz Single-Ended Rasp**

Single-sided / 7" (18 cm)

- 345-310 reverse
- 345-311 forward cut



345-310 (reverse)



345-311 (forward cut)



345-310



345-311

**Putti Bone Rasp**

Single-ended / phenolic handle

- 345-226 leaflet 9 3/4" (24.8 cm)
- 345-228 conical 10" (25.4 cm)



345-226



345-228

**Single Side Rasp**

8" / phenolic handle / flat

- 345-222 straight 0.5" x 1.5" tip



345-222

**Combination Bone Rasp**

With 3 interchangeable heads

1100-485-SET

set includes the following:

- 1100-485 combination bone rasp handle only
- 1100-4851 combination bone rasp round tip only
- 1100-4852 combination bone rasp putti leaflet only
- 1100-4853 combination bone rasp flat round tip only



1100-485



1100-4851



1100-4852



1100-4853

**Gallaher Bone Rasp Set**

7 1/8" (18.25 cm)

77-0450 str

77-0451 convex curve

77-0452 concave curve



77-0450



77-0451



77-0452

**Good Bone Rasp**

Conical / 6 1/2" (16.5 cm)

- 345-263 straight
- 345-262 curved



345-263



345-262

**Sontec®-Glabella Sculpting TC Insert Rasp**

TC / 7" (18 cm)

345-246



345-246

**Webster Glabella Sculpting Rasp**

TC serrated tip / 4 mm x 8 mm / 8 1/4" (21 cm)

345-246A



345-246A

**Obwegeser Fenestrated Serrations Rasp**

Double-ended / flat, straight / infinity cut / 7 1/2" (19 cm)

- 345-320 fine grit
- 345-322 medium grit



345-322

Double-ended / flat, curved / infinity cut / 7 1/2" (19 cm)

- 345-324 fine grit
- 345-326 medium grit



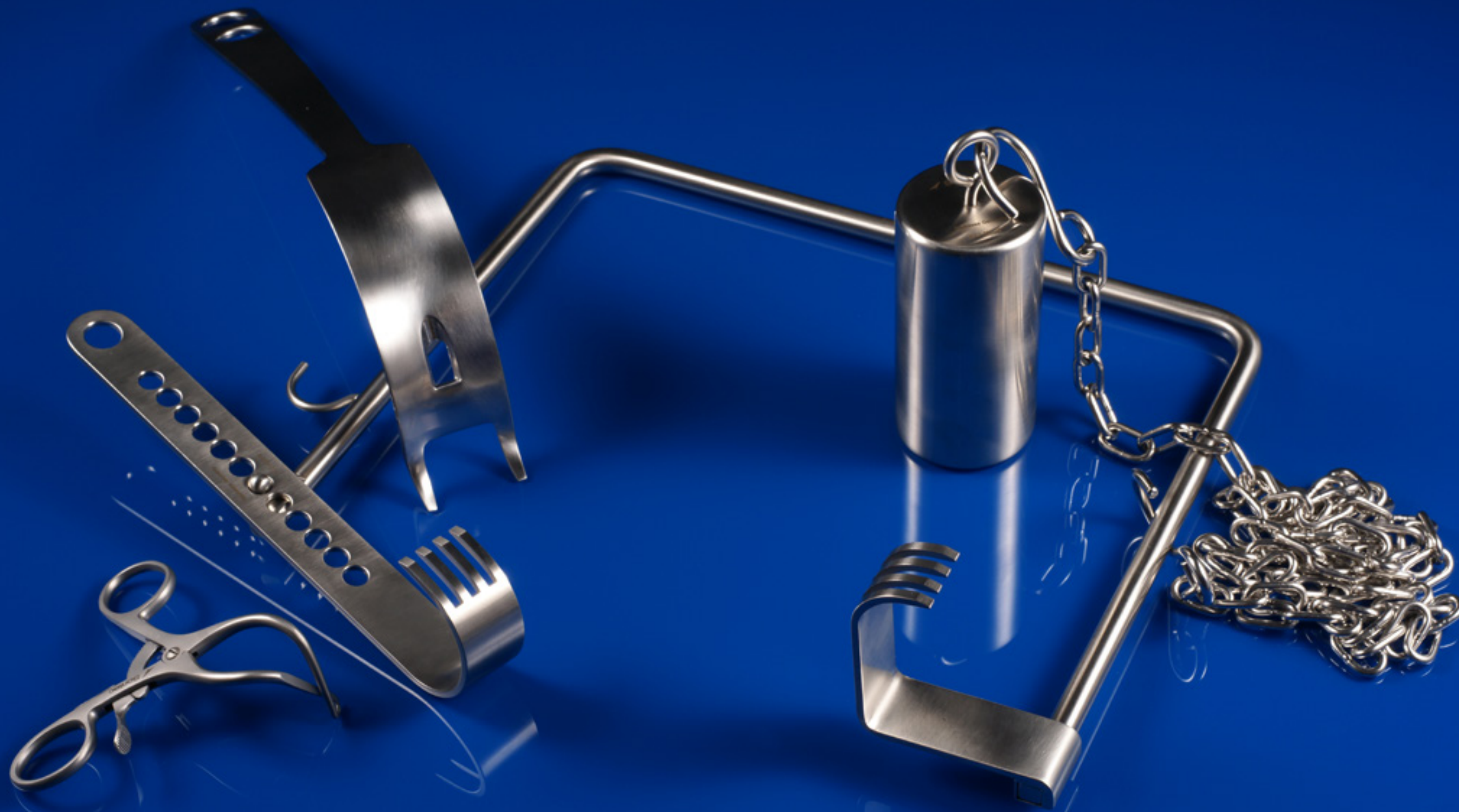
345-326

Double-ended / concave / infinity cut / 7 1/2" (19 cm)

- 345-330 fine grit
- 345-332 medium grit



345-332



 Sontec Instruments®

Orthopedic RETRACTORS

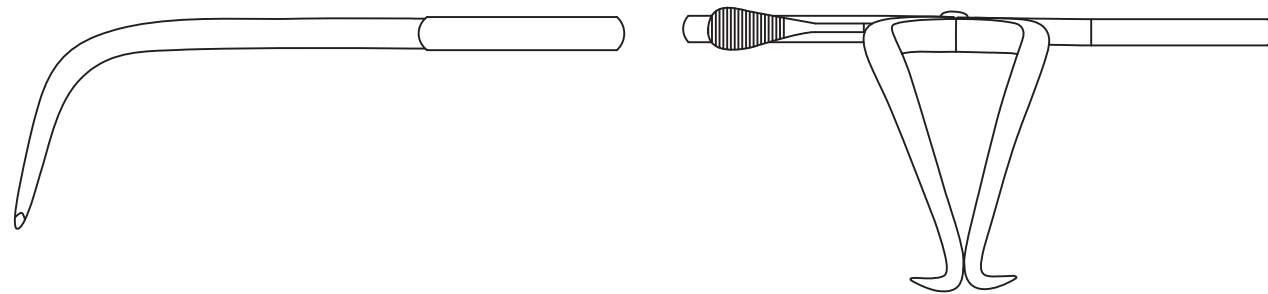
**Gelpi Deep Angle Retractor**

- 1100-629A 3 1/2"(9 cm)
- 1100-628A 4 1/2"(11.5 cm)
- 1100-628C 5 1/2"(14 cm)
- 1100-631 6 3/4"(17.5 cm)
- 1100-631S 6 3/4"(17.5 cm)
- 4.5 mm prong 3 cm deep
- 1100-631A 7 1/2"(19 cm)
- 1100-631B 8" (20 cm)

\* Custom blunt or shortened tips available upon request



1100-628C



**Gelpi Neroma (Crossover) Retractor**

- 1100-633A 4 1/2" (11.5 cm)
- 1100-633B 3 1/2" (9 cm)
- 1100-633 5 1/2" (14 cm)
- 1100-633C 6 1/2" (16.5 cm)
- 1100-633D 7 1/2" (19 cm)
- 1100-633E 3 1/2" (9 cm) heavy

**Enclosed ratchet version**

- 1100-633BR 3 1/2" (9 cm)

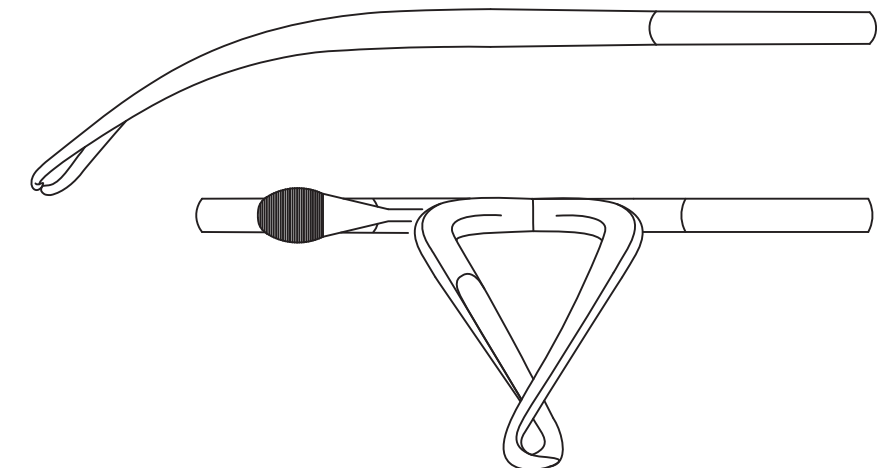
\* Custom blunt or shortened tips available upon request



1100-633A



enclosed ratched



**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)

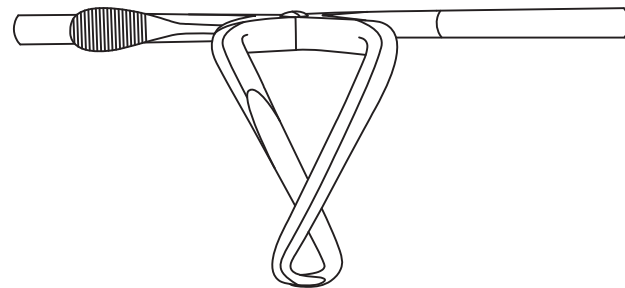
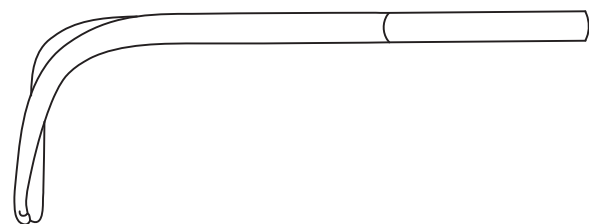
\* Custom blunt or shortened tips available upon request



enclosed ratched



1100-633G

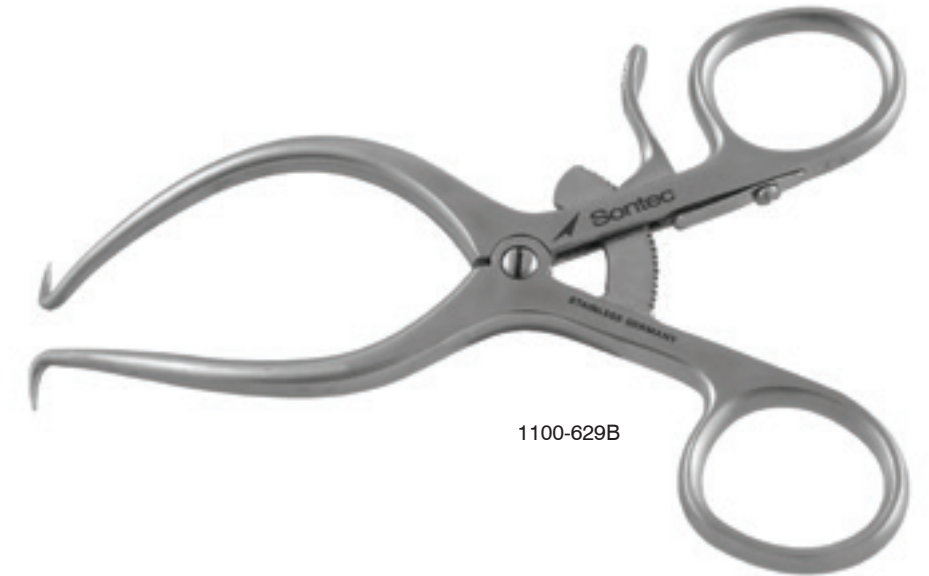


**Gelpi Classic Retractor**

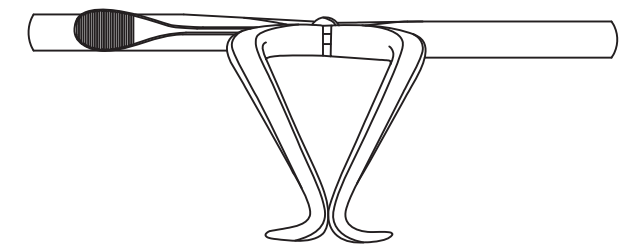
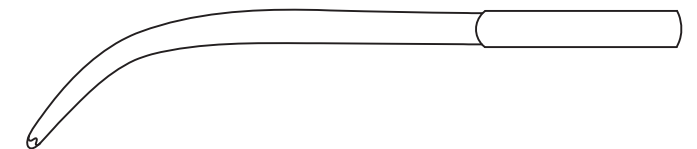
**Standard**

1100-629	3 1/2" (9 cm)	micro
1100-629L	3 1/2" (9 cm)	lightweight
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)	

\* Custom blunt or shortened tips available upon request



1100-629B



**Gelpi 1st Generation Deep Angle Retractor**

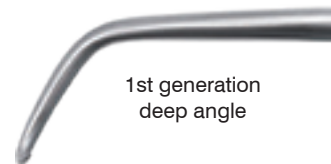
**Original deep angle**

1100-629G	3 1/2" (9 cm)
1100-628G	4 1/2" (11.5 cm)
1100-632G	5 1/2" (14 cm)
1100-631G	6 1/2" (16.5 cm)
1100-630G	7 1/2" (19 cm)

**Original deep angle with enclosed ratchet**

1100-629GR	3 1/2" (9 cm)
1100-628GR	4 1/2" (11.5 cm)
1100-632GR	5 1/2" (14 cm)
1100-631GR	6 1/2" (16.5 cm)
1100-630GR	7 1/2" (19 cm)

\* Custom blunt or shortened tips available upon request



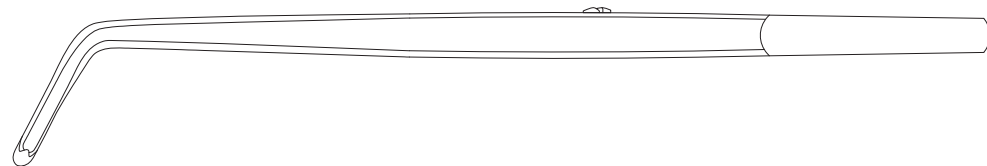
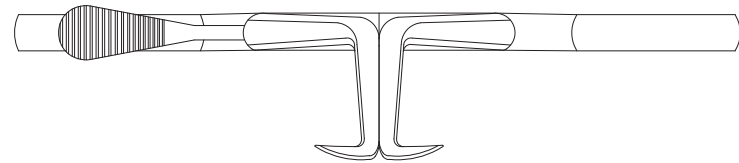
1st generation deep angle



1100-628G



1100-629GR



**Davis Stifle Retractor**

With speed lock / 6 3/4" (17 cm)

1103-290

\* Custom blunt or shortened tips available upon request



1103-290

**Allen Inge Stifle Retractor**

With speed lock / 11" (27.9 cm)

1103-297

\* Custom blunt or shortened tips available upon request



1103-297

**Inge Neroma Retractor**

With crossover tip / 6 1/2" (16.5 cm)

- 417-048 with speedlock
- 417-048R with ratchet

\* Custom blunt or shortened tips available upon request



**Mini Inge Neroma Retractor**

With crossover tip / speed lock / 5" (12.7 cm)

417-0482

\* Custom blunt or shortened tips available upon request



**Mini Inge Neroma Ceramitec Retractor**

With crossover tip / speed lock / 5" (12.7 cm)

417-0482B

\* Custom blunt or shortened tips available upon request



**Foremann Kwire Distractor**

Tapered arms / 7 1/2" (19.1 cm)  
417-062D



417-062D

**Mini Foremann Distractor**

Tapered arms / 5" (12.7 cm)  
417-061

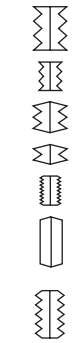


417-0621

**Inge Lamina Spreader**

With unique selection of tips / pediatric  
/ 6 1/2" (16.5 cm)

- 417-064 standard tip
- 417-064A tip A
- 417-064B tip B
- 417-064C tip C
- 417-064D tip D micro tip 1mm wide
- 417-064E tip E smooth
- 417-064F flat delicate, cross serrated tips with calibrated ratchet



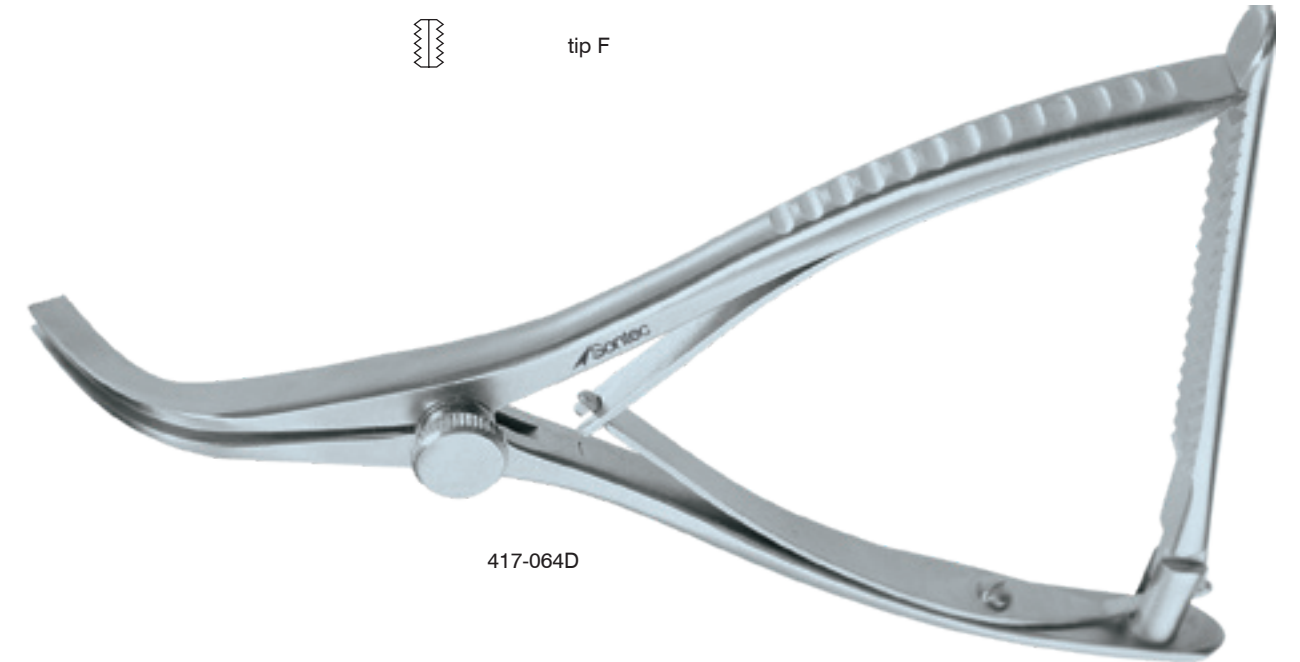
child standard tip



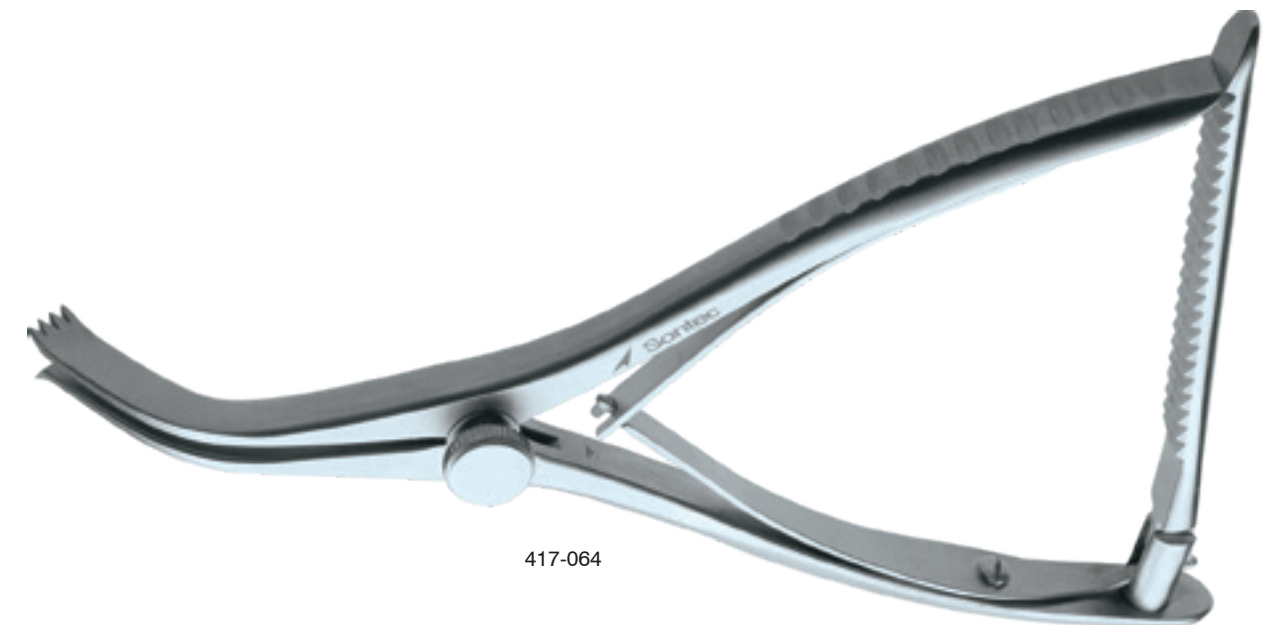
417-064D 417-064A 417-064  
Fine Serrations

417-064E

tip A  
tip B  
tip C  
tip D  
tip E  
tip F



417-064D



417-064

**Wellace Stifle Retractor**

Improved retraction / turn-key action

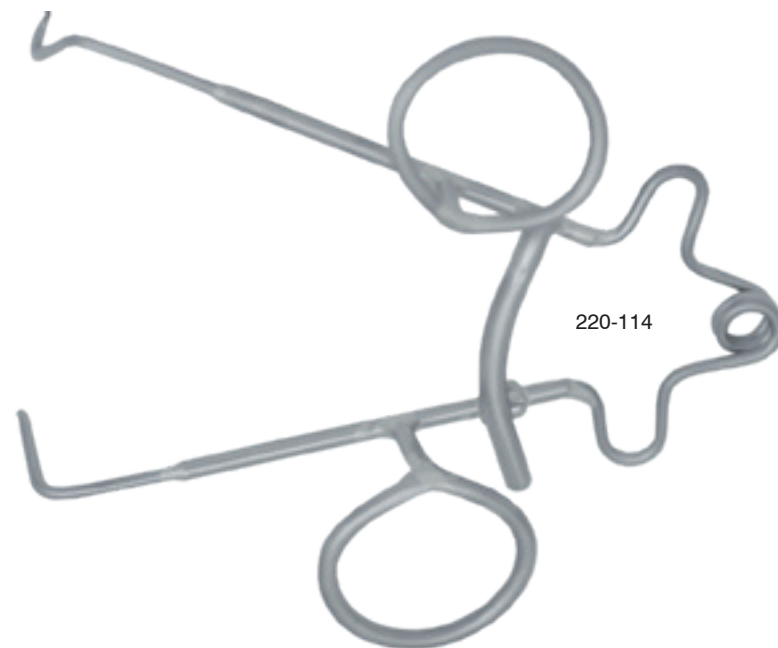
- 1100-635 standard
- 1100-635C crossover style



**Sisson Spring Retractor**

Sharp / 1 x 1 prongs / with ratchet / 4" (10 cm)

220-114



**Murphy-Lane Bone Skid**

Double ended / 1 1/4" cup & 3/4" cup / 12" (30.5 cm)

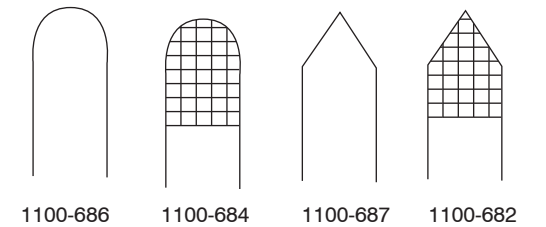
310-160



**Aufranc Cobra Retractor**

10 1/2" (26 cm)

- 1100-682 sharp serrated tip
- 1100-684 blunt serrated tip
- 1100-686 blunt smooth tip
- 1100-687 pointed smooth tip



**Sontec Stifle Thrust Lever**

- 1100-6691 8 3/8"
- 1100-6692 11"



**Malleable Ribbon Retractor**

**Malleable**

- 207-454 1/4" x 7"
- 207-455 3/8" x 7"
- 207-456 1/2" x 7"
- 207-460 5/8" x 7"
- 207-461 3/4" x 7"
- 207-462 1" x 7"
- 207-463 3/4" x 13"
- 207-464 1" x 13"
- 207-465 1 1/4" x 13"
- 207-466 1 1/2" x 13"
- 207-467 2" x 13"
- 207-468 2 1/2" x 13"
- 207-469 3" x 13"
- 207-470 3 1/2" x 13"
- 207-471 4" x 13"
- 207-472 5" x 13"
- 207-474 1 3/4" x 13"
- 207-473 2 3/4" x 13"



207-466

207-460



**Malleable Ribbon Retractor**

**Hollow Grip Handle**

- 207-482 3/4" wide blade
- 207-484 1" wide blade
- 207-486 1 1/4" wide blade
- 207-488 1 1/2" wide blade
- 207-490 2" wide blade



207-486



207-488

**Meyering 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

**Volkman Retractor**

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

- 1100-648 2 prong
- 1100-650 3 prong
- 1100-652 4 prong
- 1100-654 6 prong

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

- 1100-656 2 prong
- 1100-658 3 prong
- 1100-662 6 prong

**Sharp / 8 1/2" (22 cm)**

- 1100-660 4 prong

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

- 1100-648B 2 prong
- 1100-650B 3 prong
- 1100-652B 4 prong
- 1100-654B 6 prong

**Blunt / 8 1/2" (22 cm)**

- 1100-656B 2 prong
- 1100-658B 3 prong
- 1100-660B 4 prong
- 1100-662B 6 prong

**Sharp / 8 3/4" (23 cm)**

- 214-052 4 prong



1100-652

**Gruber Skin Hook**

**10 mm tip / with weight / 5" (12.7 cm)**

- 199-383



199-383

**Platypus Micro Inge Lamina Spreader**

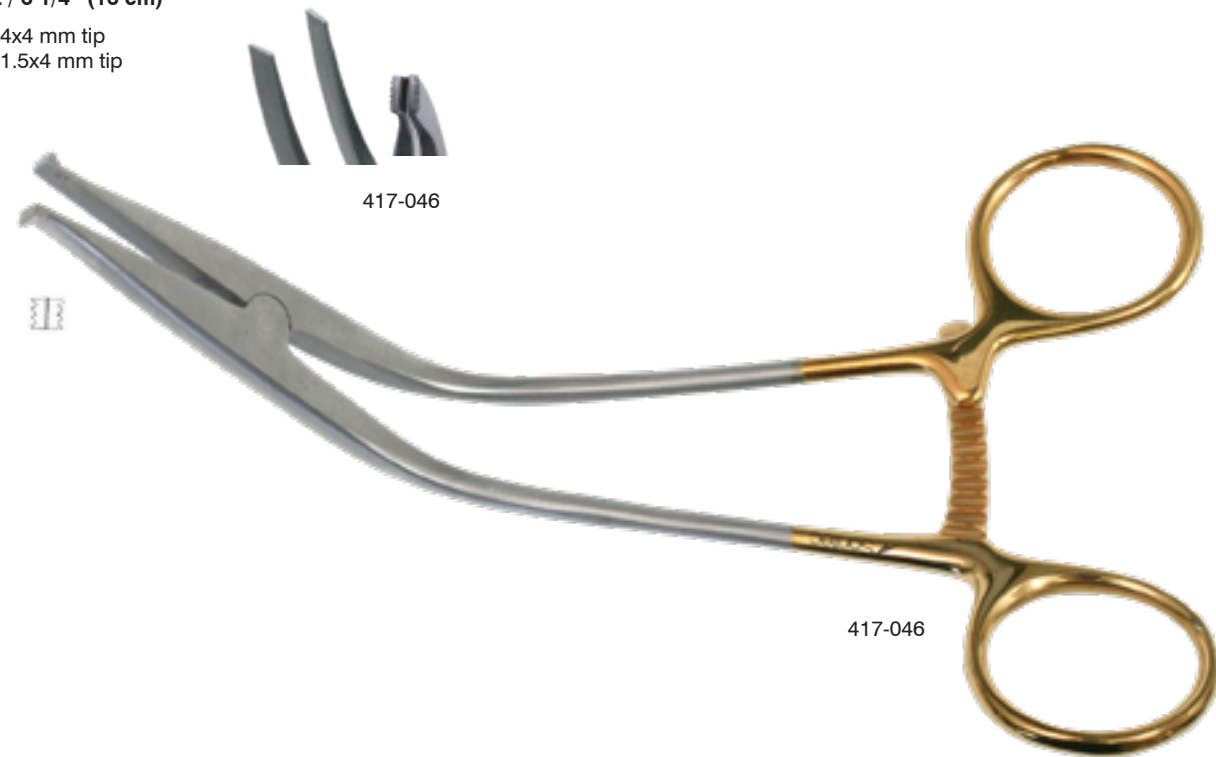
Platypus tip / 7" (17.8 cm)  
417-049



417-049

**Inge Micro Ring Handle Lamina Spreader**

With ratchet / 6 1/4" (16 cm)  
417-046 4x4 mm tip  
417-047 1.5x4 mm tip



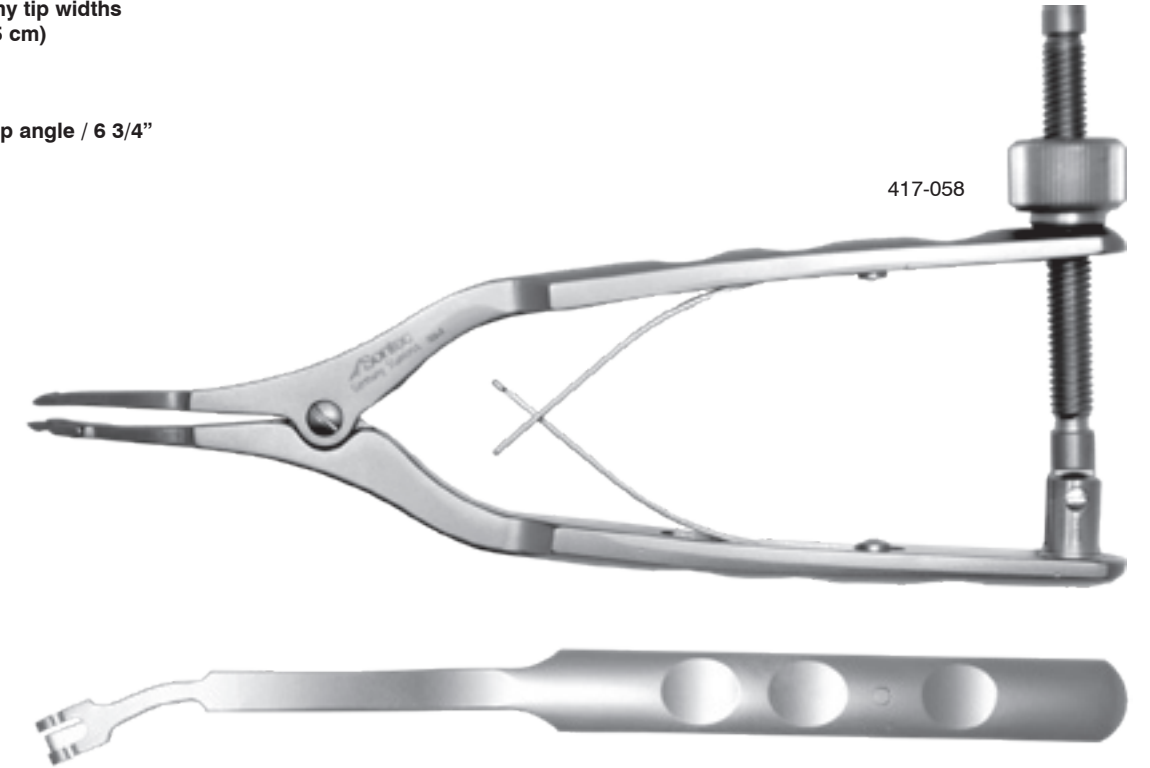
417-046

417-046

**Micro Lamina Spreader**

With speed lock / many tip widths available / 5 3/4" (14.5 cm)  
417-058

With speed lock / deep angle / 6 3/4" (17.1 cm)  
417-058D



417-058



417-058D

**Senn Retractor**

Double-ended / 6 1/4" (16 cm)

- 1100-668 sharp
- 1100-668B blunt
- 1100-668T sharp titanium



1100-668



1100-668T

**Senn Retractor**

Blue electro coated / Double-ended / 6 1/4" (16 cm)

- 1100-669 sharp
- 1100-669B blunt



1100-669



1100-669B

**Ragnell Retractor**

Double-ended / 6" (15 cm)

205-849



205-849

**Ragnell Retractor**

Blue coated / double-ended / 6" (15 cm)

205-849B

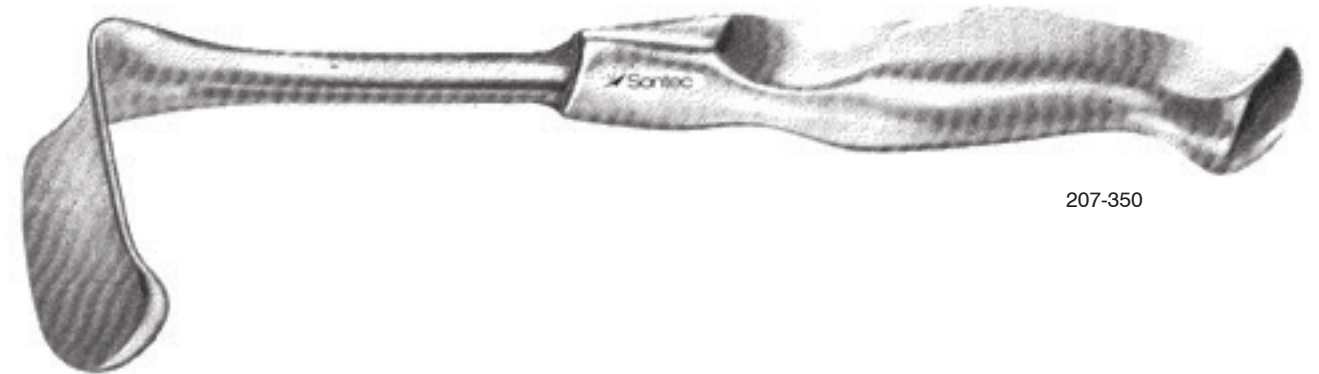


205-849B

**Kelly Lamb Retractor**

10" overall length

- 207-350 1 1/2" x 2"
- 207-352 2" x 2 1/2"
- 207-354 2 1/2" x 3"
- 207-356 3" x 3 1/2"



207-350

**U.S. Army-Navy Retractor**

Set of 2 / 8 1/2" (21.5 cm)

1100-670



1100-670

**U.S. Army-Navy Retractor**

Set of 2 / blue electro coated / 8 1/2" (21.5 cm)

1100-670B



1100-670B

**Hohman Elevator Retractor**

**8 1/2" (21.5 cm)**

1100-671 8 mm blade

**9 1/4" (23.5 cm)**

1100-672 10 mm blade  
 1100-673 18 mm blade  
 1100-674 25 mm blade  
 1100-675 43 mm blade  
 1100-676 70 mm blade

**9 1/2" (24 cm) / with extra long tip**

1100-671E 8 mm blade  
 1100-672E 10 mm blade  
 1100-673E 18 mm blade



1100-673



1100-671E



1100-672E



1100-673E

**Mini Hohman Elevator Retractor**

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

1100-6780 2.5 mm blade  
 1100-679 4 mm blade  
 1100-678 6 mm blade  
 1100-680 8 mm blade



1100-679



1100-678

**Sontec-Hohman Retractor**

**Radical bend / 25 mm tip / 10 1/2" (27 cm)**

1100-677



1100-677

**Sontec Lane Lever Elevator**

**Ring handle style 30-100 lbs**

1100-6696





 Sontec Instruments®

Orthopedic BONE HOLDING CLAMPS

**Patella 2 x 2 Prong Bone Clamp**

With speed lock / 7 1/4" (18.5 cm)

1103-215



1103-215

**Verbrugge-Rogalski Bone Clamp**

With speedlock / 1.5 mm jaw / 4" (10 cm)

1103-069



1103-069

**Kern Hybrid Bone Clamp**

With speedlock / fenestrated head / 4 3/4" (12 cm)

305-344A



305-344A

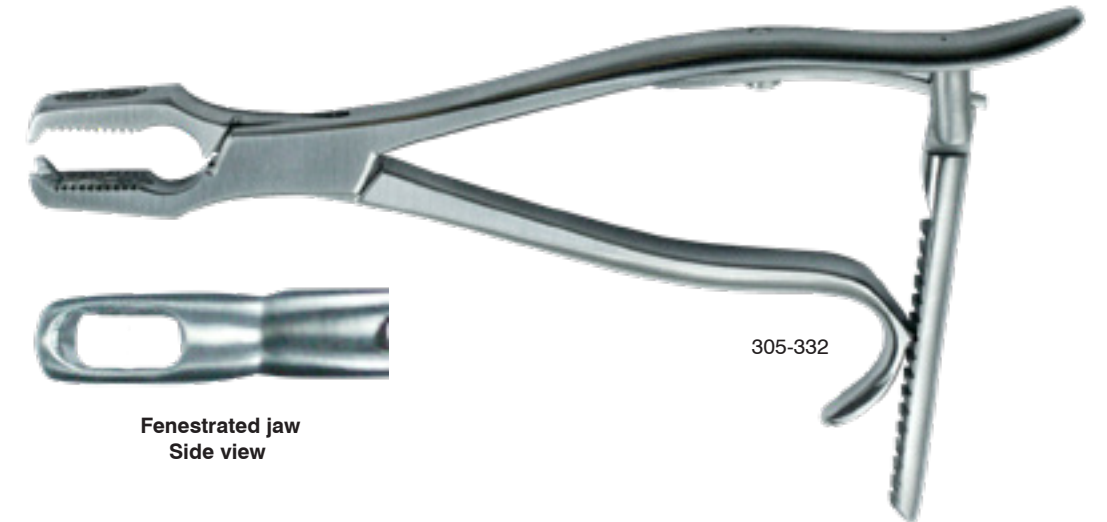
**Kern Bone Clamp**

Fenestrated jaw / with ratchet

- 305-332 4 3/4" (12 cm)
- 305-334 5 1/2" (14 cm)
- 305-328 6 1/4" (15.9 cm)
- 305-338 7" (18 cm)
- 305-336 8 1/2" (21.5 cm)

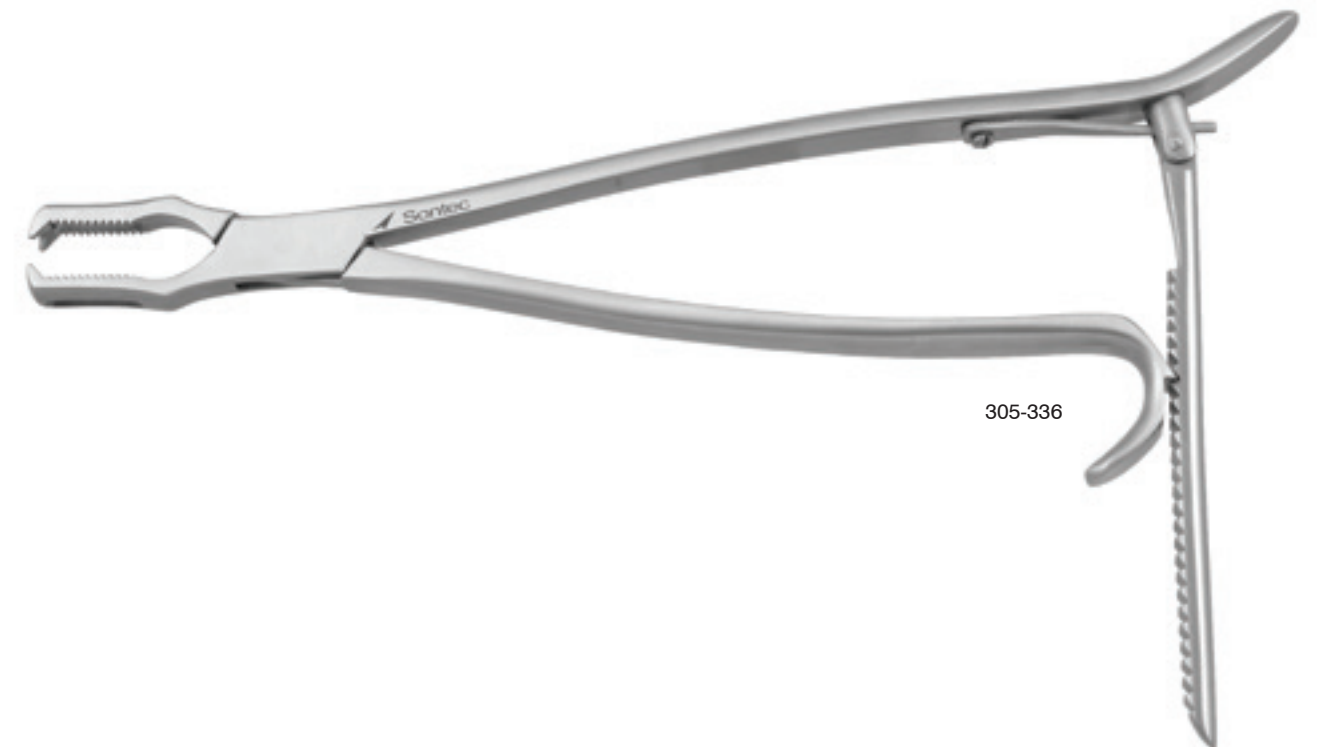
With ratchet

- 305-347 13" (33 cm)



305-332

Fenestrated jaw  
Side view



305-336

**Verbrugge Bone Clamp**

**Curved to side / with speedlock**

- 1103-070 6" (15.5 cm)
- 1103-074 7 1/2" (19 cm)
- 1103-075 8 1/4" (21 cm)
- 1103-075D 8 1/4" (21 cm) delicate
- 1103-076 9 1/2" (24 cm)
- 1103-080 10" (25.5 cm)

**Swivel jaw / curved to side/with speedlock**

- 1103-071 5 3/4" (15 cm)
- 1103-073 8" (20.5 cm)
- 1103-077 9" (23 cm)
- 1103-078 10 1/4" (26 cm)
- 1103-079 11 1/4" (29 cm)



1103-076



1103-071

**Ulrich Bone Clamp**

**With speedlock / straight**

- 305-367S\* 7 1/8" (18.25 cm)
- 305-368 9" (23 cm)
- 305-369 10 1/2" (27 cm)

**Curved to side**

- 305-365 5 1/4" (13.5 cm)
- 305-365M\* 5 1/2" (14 cm)
- 305-366 6 1/2" (16.5 cm)
- 305-367\* 7 1/8" (18.25 cm)
- 305-368A 9" (23 cm)
- 305-369A 10 1/2" (27 cm)

\* micro jaws



305-369



305-367



305-365

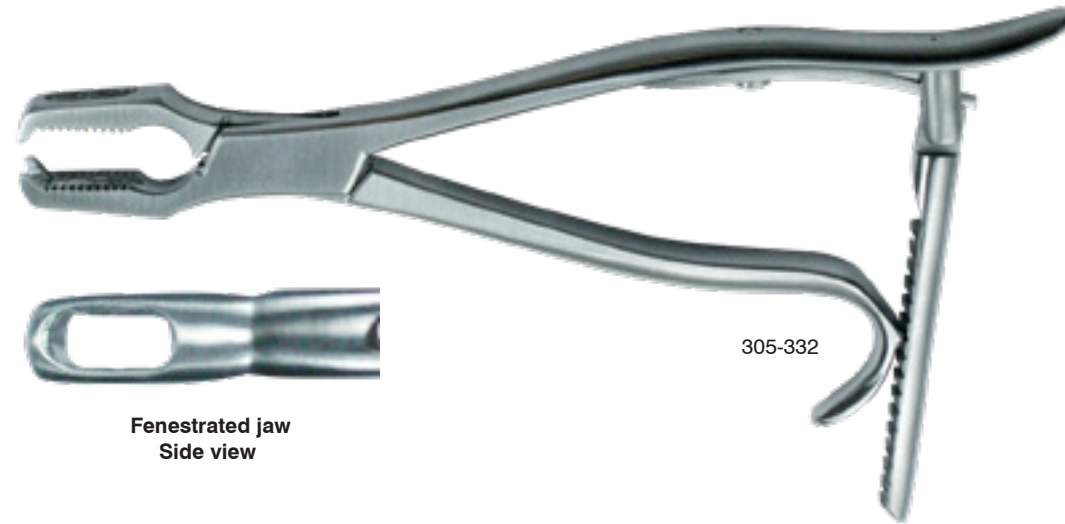
**Kern Bone Clamp**

**Fenestrated jaw / with ratchet**

- 305-332 4 3/4" (12 cm)
- 305-334 5 1/2" (14 cm)
- 305-328 6 1/4" (15.9 cm)
- 305-338 7" (18 cm)
- 305-336 8 1/2" (21.5 cm)

**With ratchet**

- 305-347 13" (33 cm)



Fenestrated jaw  
Side view

305-332



**Stefan Mini Bone Holding Forceps**

**Curved / 4 mm opening / mini**

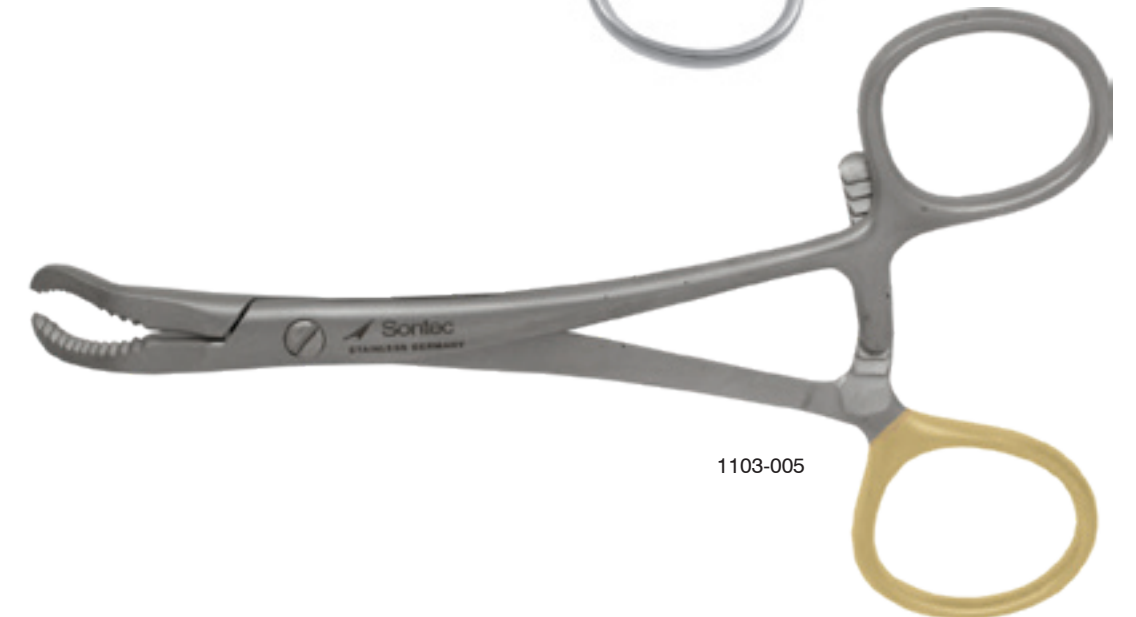
- 1103-003 4" (10 cm) with speedlock
- 1103-004 4" (10 cm) with ratchet
- 1103-005 5 1/2" (14 cm) with ratchet



1103-003



1103-004



1103-005

**Stefan Bone Holding Forceps**

Curved / with speed lock

- 1103-006 5 1/2" (14 cm)
- 1103-008 6" (15.5 cm)
- 1103-010 7" (18 cm)
- 1103-011 9 1/2" (24 cm)



**Sequestrum Sontec Bone Forceps**

Serrated jaws / 8" (20.3 cm)

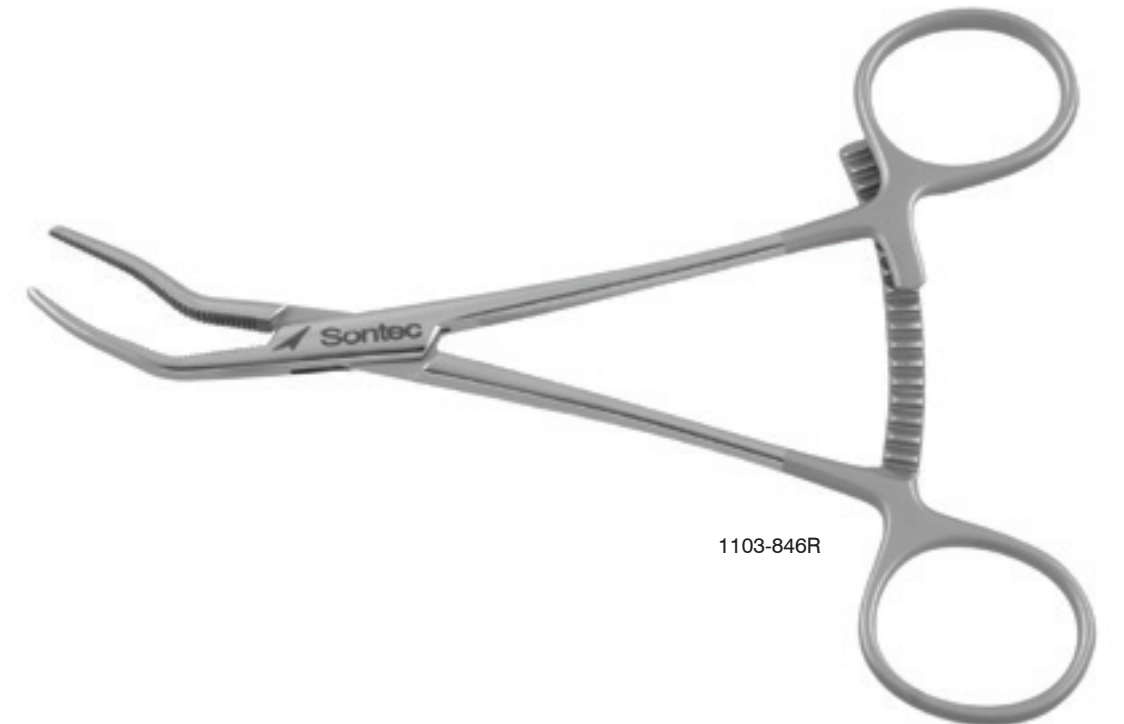
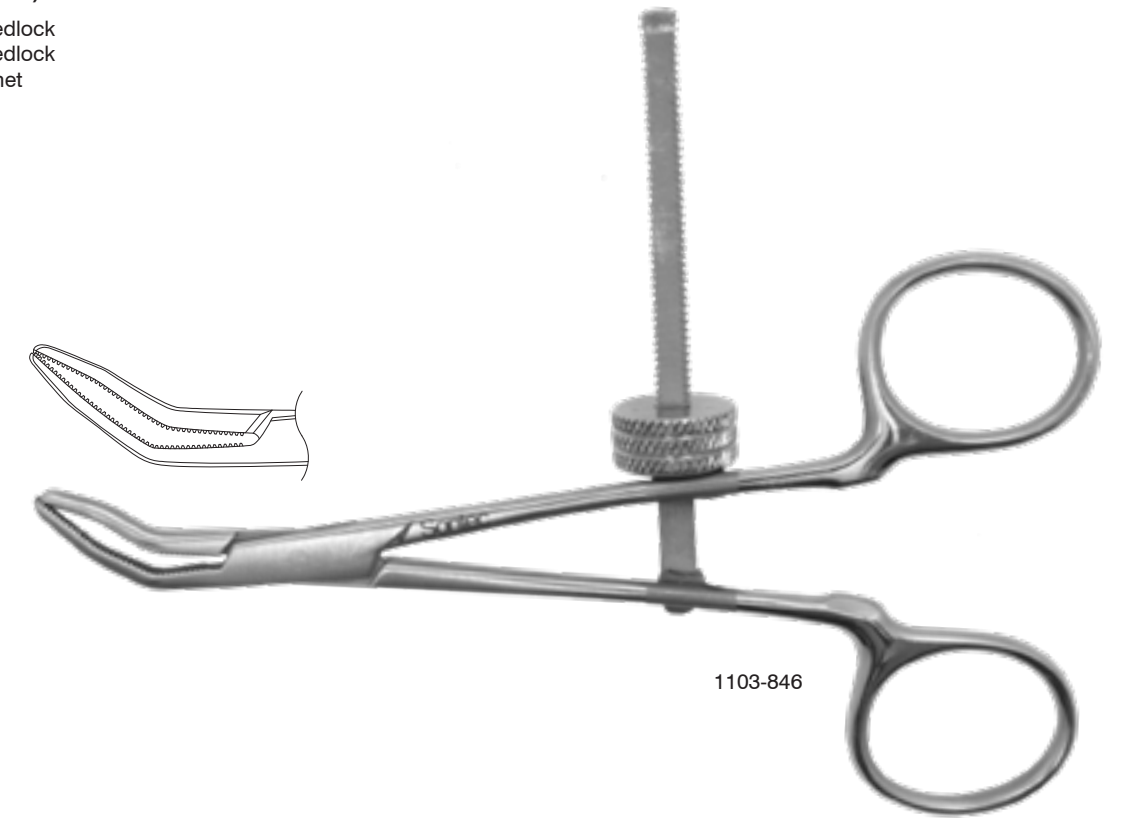
- 1103-013 straight
- 1103-014 curved



**Doolen Bone Holding Clamp**

2mm wide jaw / 5.5" (14cm)

- 1103-845 str w/ speedlock
- 1103-846 ang w/ speedlock
- 1103-846R ang w/ ratchet





 Sontec Instruments®

Orthopedic BONE REDUCTION CLAMPS

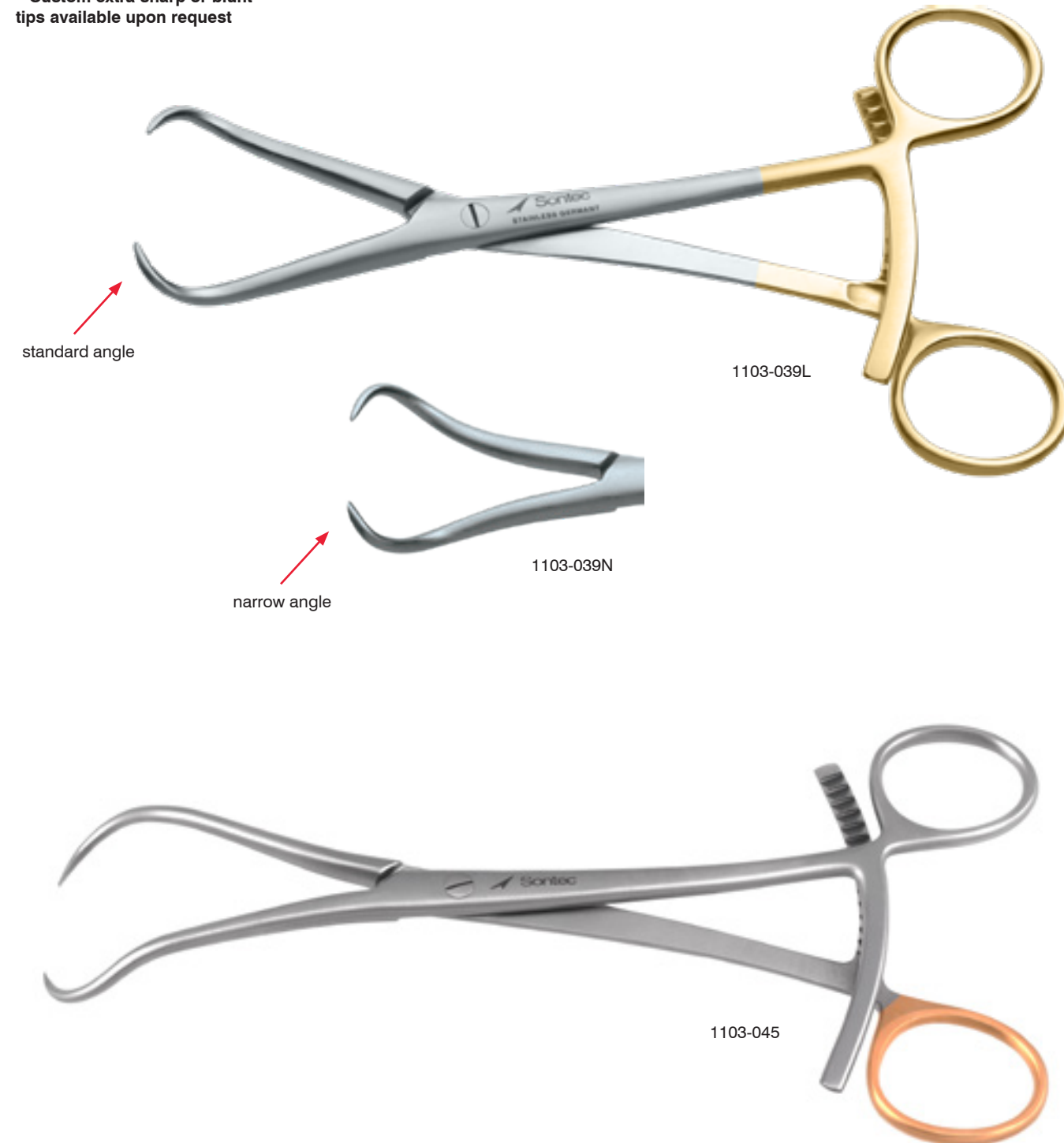
**Bone Reduction Clamp**

**With ratchet**

- 1103-039L\* 6" (15 cm) long double ratchet
- 1103-039N\* 7" (17.8 cm) long double ratchet
- 1103-045 8" (20 cm) extra long ratchet

\* Other sizes available

\* Custom extra sharp or blunt tips available upon request



**Raleigh Bone Holding Forceps**

- 1103-040A 3 mm 5 1/2" with ratchet
- 1103-040B 5 mm 5 1/2" with ratchet
- 1103-040C 12 mm 7" with speedlock
- 1103-040AS 3 mm 5 1/2" with speedlock
- 1103-040BS 5 mm 5 1/2" with speedlock



**Bone Reduction Clamp**

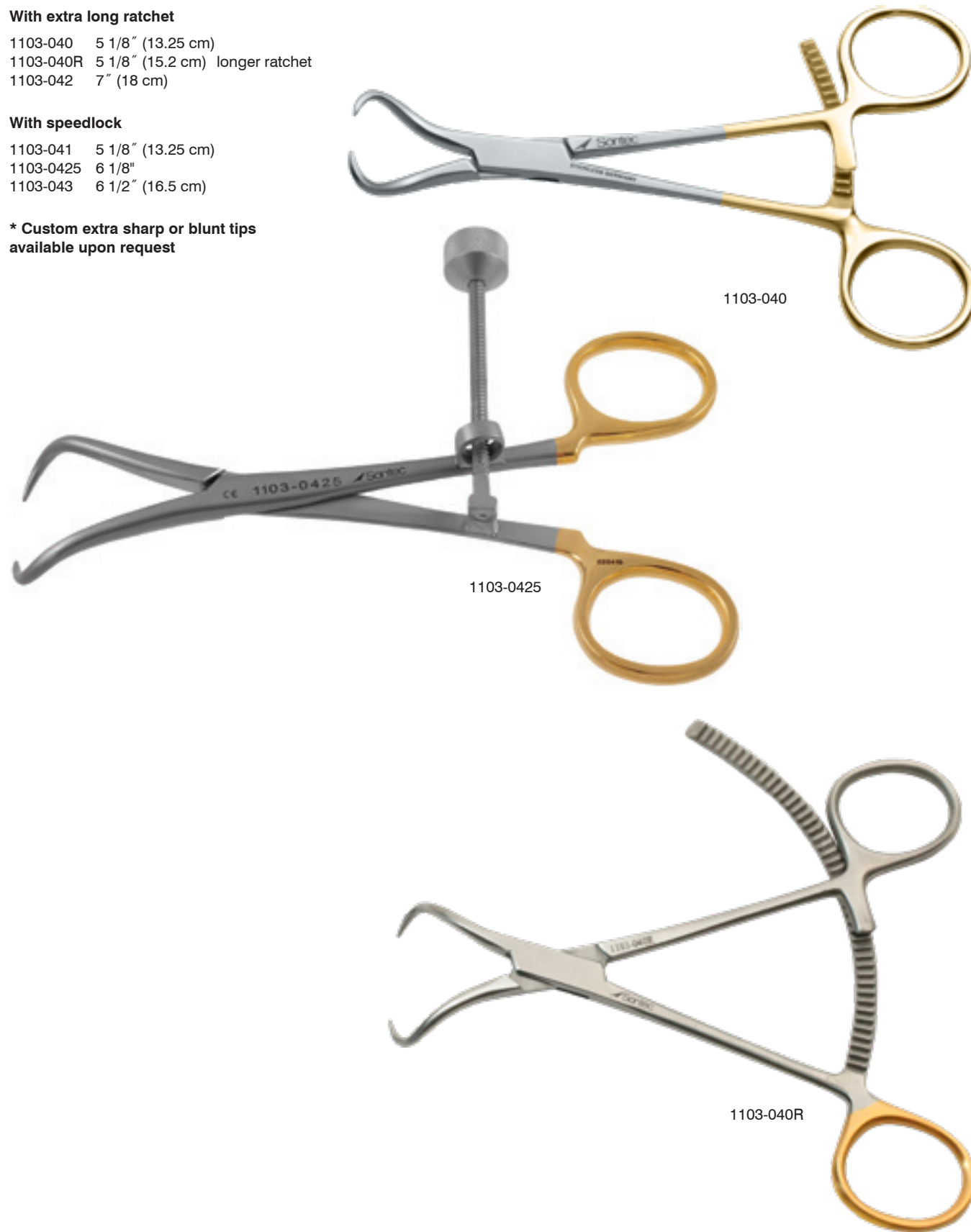
**With extra long ratchet**

- 1103-040 5 1/8" (13.25 cm)
- 1103-040R 5 1/8" (15.2 cm) longer ratchet
- 1103-042 7" (18 cm)

**With speedlock**

- 1103-041 5 1/8" (13.25 cm)
- 1103-0425 6 1/8"
- 1103-043 6 1/2" (16.5 cm)

\* Custom extra sharp or blunt tips available upon request

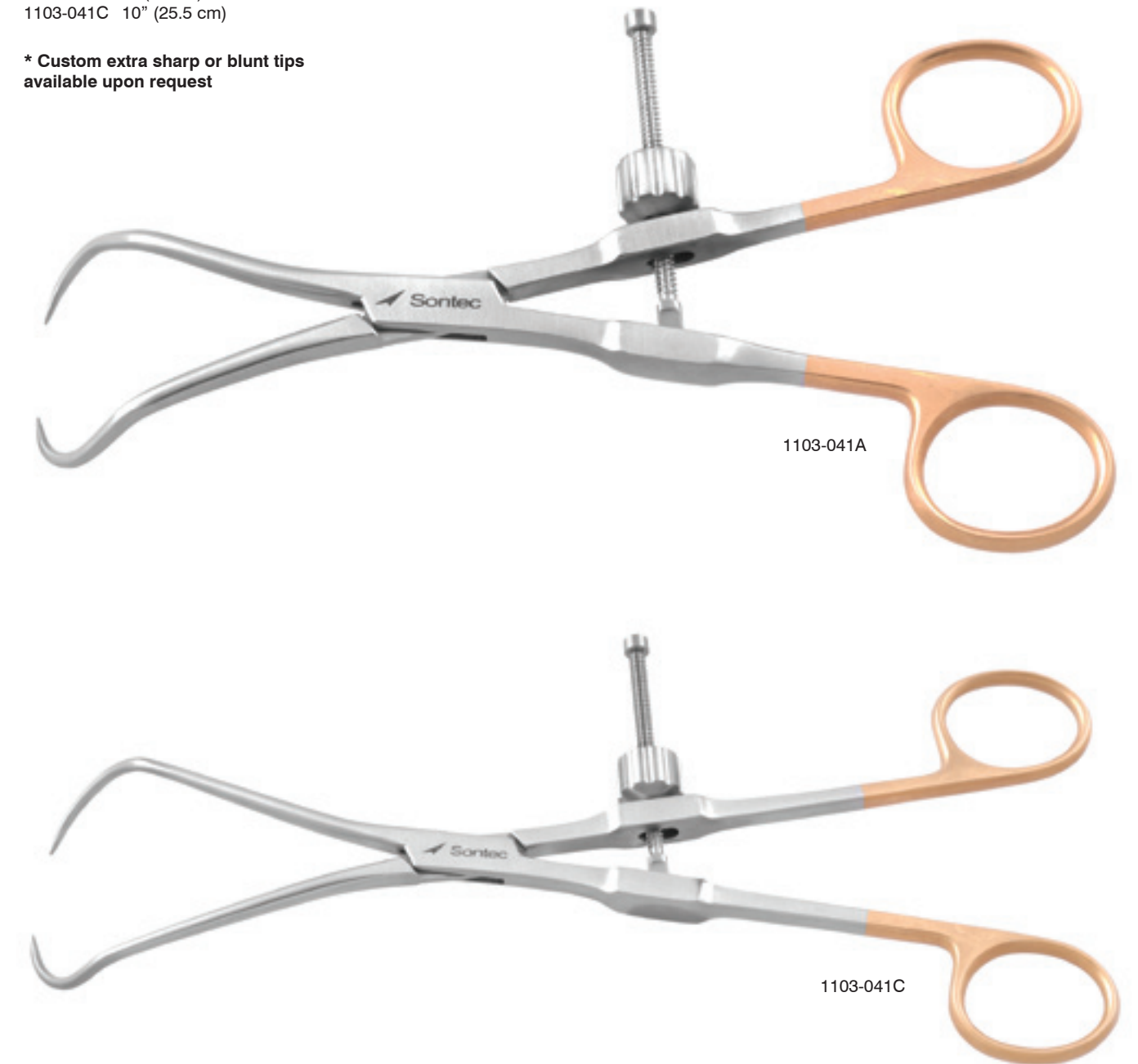


**Bone Reduction Clamp**

**AO types**

- 1103-041A 8" (20.5 cm)
- 1103-041B 6" (15 cm)
- 1103-041C 10" (25.5 cm)

\* Custom extra sharp or blunt tips available upon request



**Ikuta Bone Clamp**

5" (13 cm)

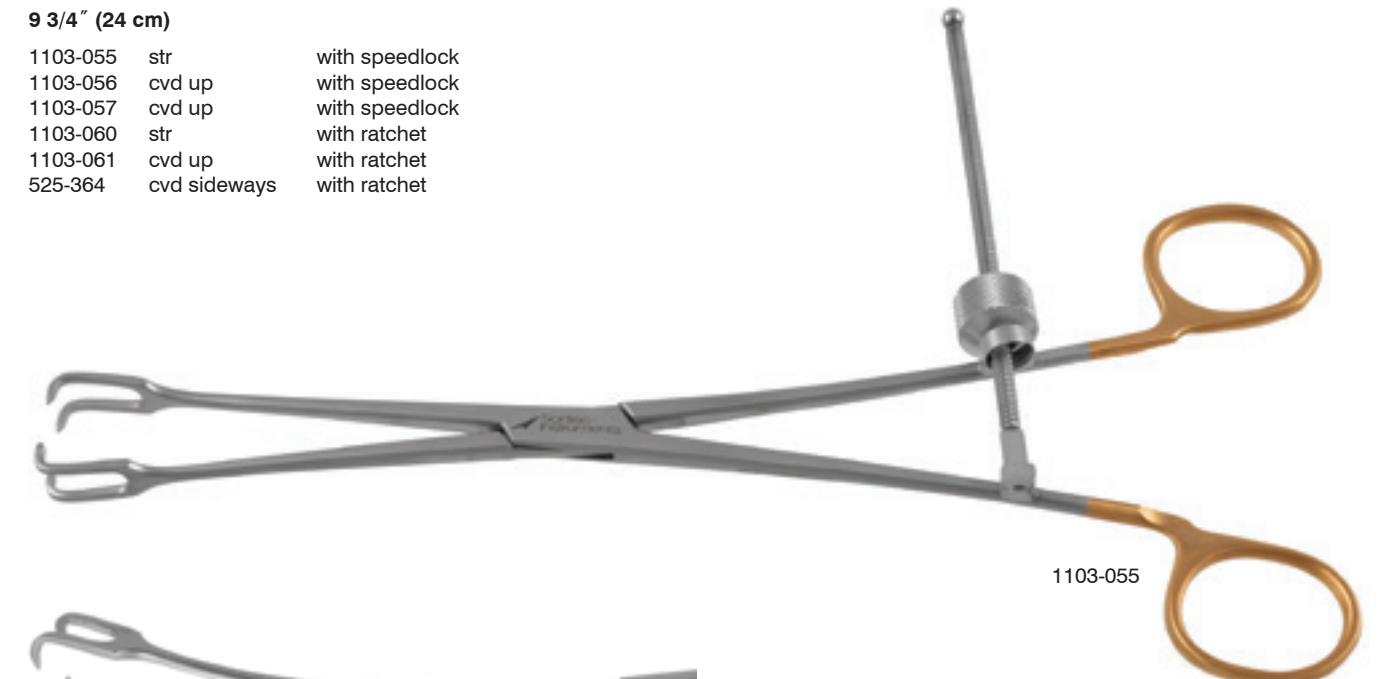
1103-054A	2.0 mm	straight
1103-054B	2.0 mm	curved
1103-054C	3.0 mm	straight
1103-054D	3.0 mm	curved



**Schroeder Vulsellum Bone Reduction Clamp**

9 3/4" (24 cm)

1103-055	str	with speedlock
1103-056	cvd up	with speedlock
1103-057	cvd up	with speedlock
1103-060	str	with ratchet
1103-061	cvd up	with ratchet
525-364	cvd sideways	with ratchet



**Redler Reposition Reduction Clamp**

With K-wire guide / 1.6 mm / 5 1/4" (13.5 cm)

1103-031

\* Custom extra sharp or blunt tips available upon request



1103-031

**Plate & Bone Reduction Forceps**

With long ratchet / 4 3/4" (12 cm)

1103-038

\* Custom extra sharp or blunt tips available upon request



1103-038

**Micro Bone Reduction Clamp**

1103-037 3 3/4" (9.5 cm) with holding tip

1103-037A 4 3/4" (12 cm)

\* Custom extra sharp or blunt tips available upon request



1103-037

**Bone Reduction Clamp**

With speedlock / 3 3/4" (9.5 cm)

1103-037S

\* Custom extra sharp or blunt tips available upon request



1103-037S



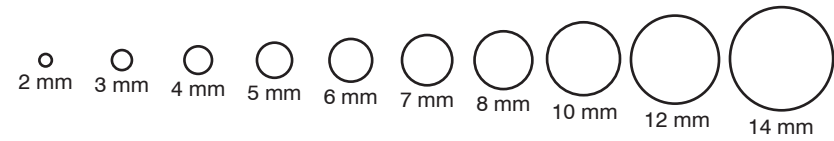
 Sontec Instruments®

Orthopedic CURETTES

**Stille Curette**

**Flat handle / round cup**

1103-263	2 mm	6 1/2"
1103-264	3 mm	6 1/2"
1103-265	4 mm	6 1/2"
1103-266	5 mm	7 3/4"
1103-267	6 mm	7 3/4"
1103-268	7 mm	7 3/4"
1103-269	8 mm	7 3/4"
1103-270	10 mm	8"
1103-271	12 mm	8"
1103-272	14 mm	8"

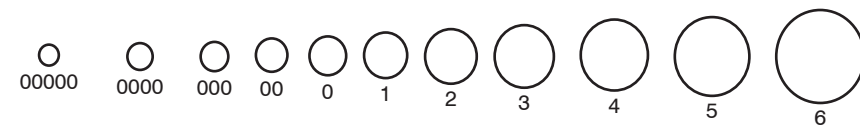


1103-267

**Bruns Round Cup Curette**

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

320-708	size 00000
320-709	size 0000
320-710	size 000
320-711	size 00
320-712	size 0
320-713	size 1
320-714	size 2
320-715	size 3
320-716	size 4
320-717	size 5
320-718	size 6

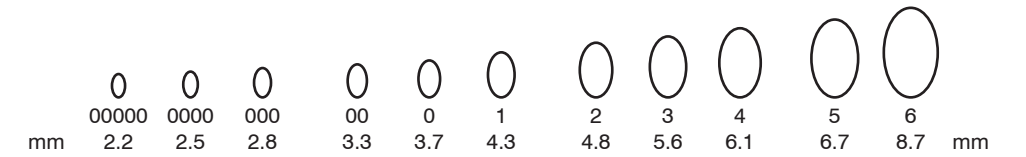


320-718

**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

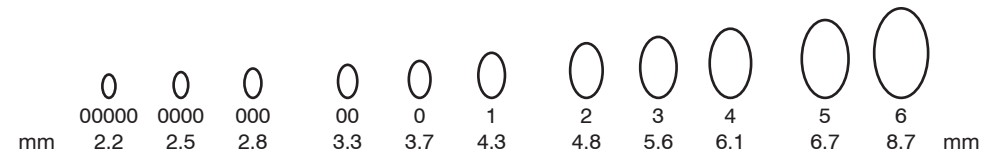


320-854

**Bruns Solid Hexagonal Curette**

Angled / solid hexagonal handle / oval / 9" (22.9 cm)

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



320-870A

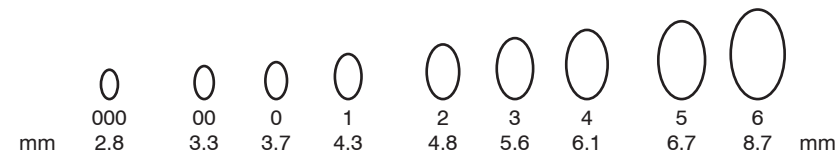


320-876A

**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

**Cone Ring Curette**

Aluminum handle / inside ring diameter / 9" (23 cm)

- 320-952 3mm straight
- 320-955 3mm angle
- 320-951 6mm straight
- 320-954 6mm angle
- 320-950 8mm straight
- 320-953 8mm angle



320-950



3 mm

6 mm

8 mm

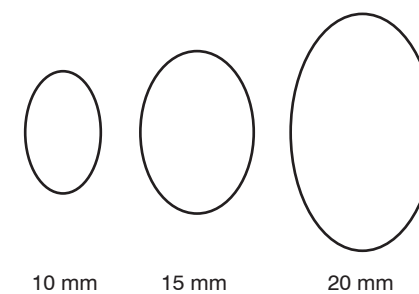
**Hatt Spoon Curette**

Solid hexagonal handle / 9" (23 cm)

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



320-780



10 mm

15 mm

20 mm



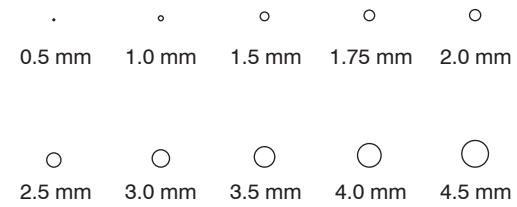
 Sontec Instruments®

ENT CURETTES

**Meyerhoefer-Chalazion Curette**

5" (12.5 cm)

- 12-1285 0.5 mm
- 12-1290 1.0 mm
- 12-1300 1.5 mm
- 12-1310 1.75 mm
- 12-1320 2.0 mm
- 12-1355 2.5 mm
- 12-1360 3.0 mm
- 12-1365 3.5 mm
- 12-1367 4.0 mm
- 12-1368 4.5 mm

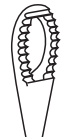


12-1368

**Shapleigh Ear Curette**

Serrated loop / 6" (15 cm)

- 467-430 small angled
- 467-431 small straight
- 467-432 large angled
- 467-433 large straight



467-430



467-433

**Shapleigh Ear Curette**

Smooth loop / octagonal handle / 6" (15.2 cm)

- 467-434 small straight
- 467-4341 small angled
- 467-435 large straight
- 467-4351 large angled



467-434



467-4341



467-435

**Williger Curette**

Double-ended / 5 1/2" (14 cm) / str

- 467-4131 #0/1
- 467-4132 #00/0
- 467-4133 #1/2
- 467-4134 #3/4

Double-ended / 5 1/2" (14 cm) / each end angled 45°

- 467-4131A #0 / 1
- 467-4132A #00 / 0
- 467-4133A #1 / 2



66-0165

**Martini Bone Curette**

Double-ended / straight / 3mm/4mm / 5 1/2" (14 cm)

- 467-415

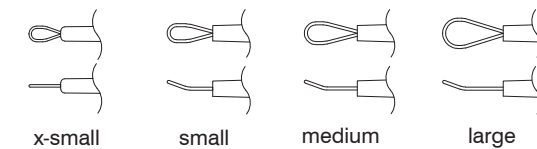


467-415

**Billeau Ear Loop/Curette**

6 1/2" (16.5 cm)

- 467-440XS extra small
- 467-440 small
- 467-438 medium
- 467-436 large



467-440

**House Curette**

**Double-ended / 5 3/4" (14.5 cm)**

199-133 both ends cvd 1.5 mm x 1.2 mm micro tip



**Double-ended / 6" (15 cm)**

199-132 one end angled, one end str 2.0 mm x 3.2 mm  
 199-129 both ends angled 2.0 mm x 3.5 mm  
 199-131 both ends str 2.0 mm x 3.5 mm



**Double-ended / 7" (18 cm)**

199-130 both ends angled 1.5 mm x 3.0 mm

**Double-ended / 9" (22.8 cm)**

199-136 both ends straight 2.0 mm x 3.5 mm



**Frontal Sinus Curette**

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

320-769 straight  
 320-770 55°  
 320-771 90°



**Tholl Curette**

**Double ended / 1 round and 1 oval cups / 8 1/4" (21 cm)**

320-949



**Sontec® Excavator Curette**

**Single-ended / 5" (12.5 cm)**

199-300 1 mm  
 199-308 1 mm w/ hole  
 199-302 1.5 mm  
 199-310 1.5 mm w/ hole  
 199-304 2 mm  
 199-312 2 mm w/ hole  
 199-306 2.5 mm  
 199-314 2.5 mm w/ hole



**Double-ended / 5 1/2" (14 cm) / with hole**

199-320 1.5 mm / 2 mm  
 199-322 1.5 mm / 2.5 mm



**Buck Ear Round Handle Curette**

**Round Handle / str / blunt / 5 3/4" (14 cm)**

- 467-371 size 000
- 467-370 size 00
- 467-372 size 0
- 467-374 size 1
- 467-376 size 2
- 467-378 size 3



467-372

**Round Handle / str / sharp / 5 3/4" (14 cm)**

- 467-389 size 000
- 467-390 size 00
- 467-392 size 0
- 467-394 size 1
- 467-396 size 2
- 467-398 size 3

**Round Handle / angled / blunt / 5 3/4" (14 cm)**

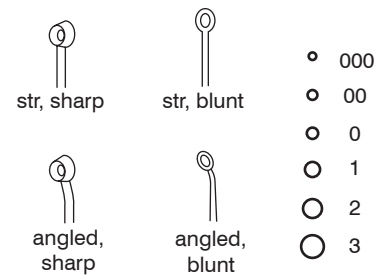
- 467-379 size 000
- 467-380 size 00
- 467-382 size 0
- 467-384 size 1
- 467-386 size 2
- 467-388 size 3



467-380

**Round Handle / angled / sharp / 5 3/4" (14 cm)**

- 467-403 size 000
- 467-404 size 00
- 467-406 size 0
- 467-408 size 1
- 467-410 size 2
- 467-412 size 3



**Buck Ear Curette Hex Handle**

**Hex handle / str / blunt / 5 3/4" (14 cm)**

- 467-371S size 000
- 467-370S size 00
- 467-372S size 0
- 467-374S size 1
- 467-376S size 2
- 467-378S size 3



467-370S

**Hex handle / str / sharp / 5 3/4" (14 cm)**

- 467-389S size 000
- 467-390S size 00
- 467-392S size 0
- 467-394S size 1
- 467-396S size 2
- 467-398S size 3



467-398S

**Hex handle / angled / blunt / 5 3/4" (14 cm)**

- 467-379S size 000
- 467-380S size 00
- 467-382S size 0
- 467-384S size 1
- 467-386S size 2
- 467-388S size 3



467-386S

**Hex handle / angled / sharp / 5 3/4" (14 cm)**

- 467-403S size 000
- 467-404S size 00
- 467-406S size 0
- 467-408S size 1
- 467-410S size 2
- 467-412S size 3



467-406S

**Hex handle / straight / blunt / 6 1/2" (16.5 cm)**

- 467-372SL size 0
- 467-376SL size 2

**Hex handle / angled / blunt / 6 1/2" (16.5 cm)**

- 467-379SL size 000
- 467-380SL size 00
- 467-382SL size 0
- 467-384SL size 1
- 467-386SL size 2
- 467-388SL size 3



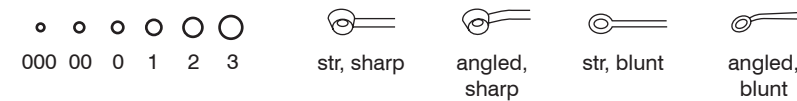
467-379SL

**Hex handle / angled / sharp / 6 1/2" (16.5 cm)**

- 467-410HL size 2



467-410HL



**Vogel Infant Adenoid Curette**

8 1/4" (21 cm)  
478-260



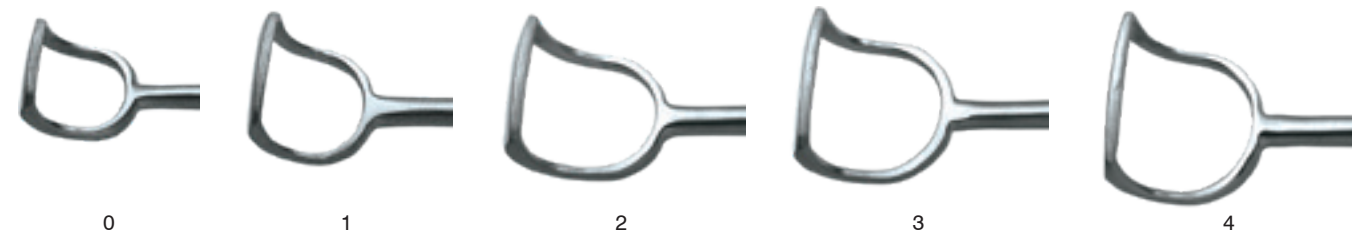
478-260

**Barnhill Adenoid Curette**

8 3/4" (22 cm)  
478-265 #0  
478-267 #1  
478-269 #2  
478-271 #3  
478-273 #4



478-273



**Coakley Antrum Curette**

Large / 7" (18 cm)

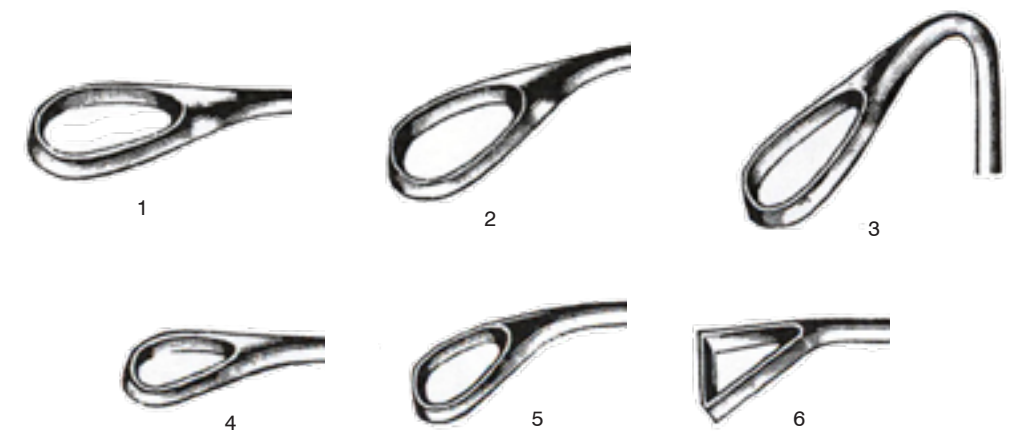
478-276 #1 30° angle  
478-277 #2 60° angle  
478-278 #3 100° angle

Small / 7" (18 cm)

478-279 #4 30° angle  
478-280 #5 60° angle  
478-281 #6 30° angle triangle tip



478-279





 Sontec Instruments®

Orthopedic SINGLE ACTION RONGEURS

**Mini Neuro Rongeur**

5 1/2" (14 cm)

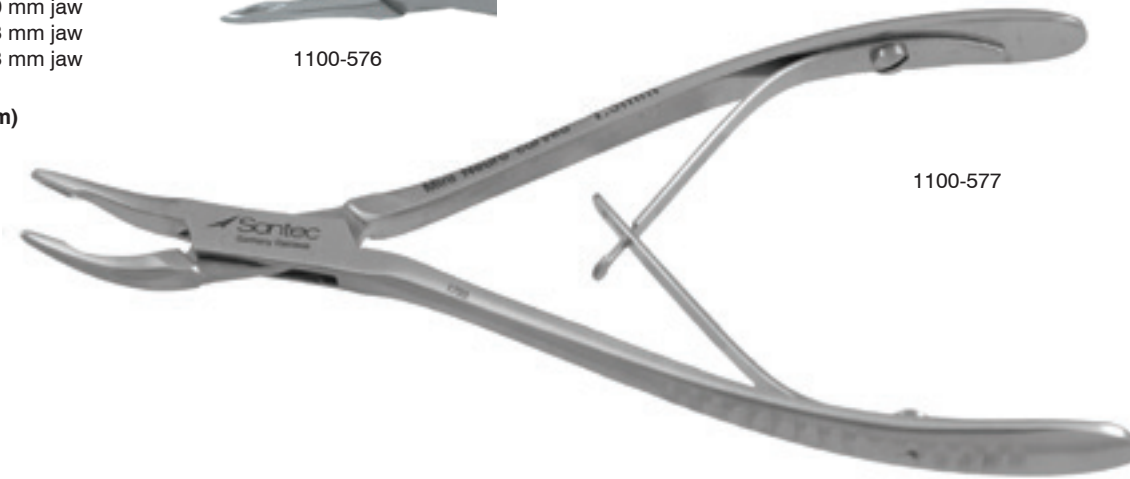
- 1106-080 str 0.75 mm jaw
- 1106-082 cvd 0.75 mm jaw
- 1106-084 str 1.0 mm jaw
- 1106-086 cvd 1.0 mm jaw
- 1100-577S str 1.3 mm jaw
- 1100-577 cvd 1.3 mm jaw



1100-576

1.4 mm jaw / 6" (15 cm)

- 1100-574 str
- 1100-576 cvd



1100-577

**Mini Neuro Premier Rongeur**

0.5 mm tip / 5 1/2" (14 cm)

- 1106-091 str
- 1106-092 cvd



1106-091



1106-092

**Micro Friedman Ring Handle Rongeur**

5 1/2" (14 cm)

- 1106-076 1.3 mm straight
- 1106-077 1.3 mm curved
- 1106-078 1.3 mm full curved
- 1106-079 2.0 mm curved
- 1106-0791 2.0 mm full curved



1106-077



1106-078



1106-079



1106-0791

**Kleinert-Kutz Rongeur**

2 mm x 6 mm jaw / 5 1/4" (13 cm)

- 315-581 slight curve
- 315-580 full curve



315-581



315-581

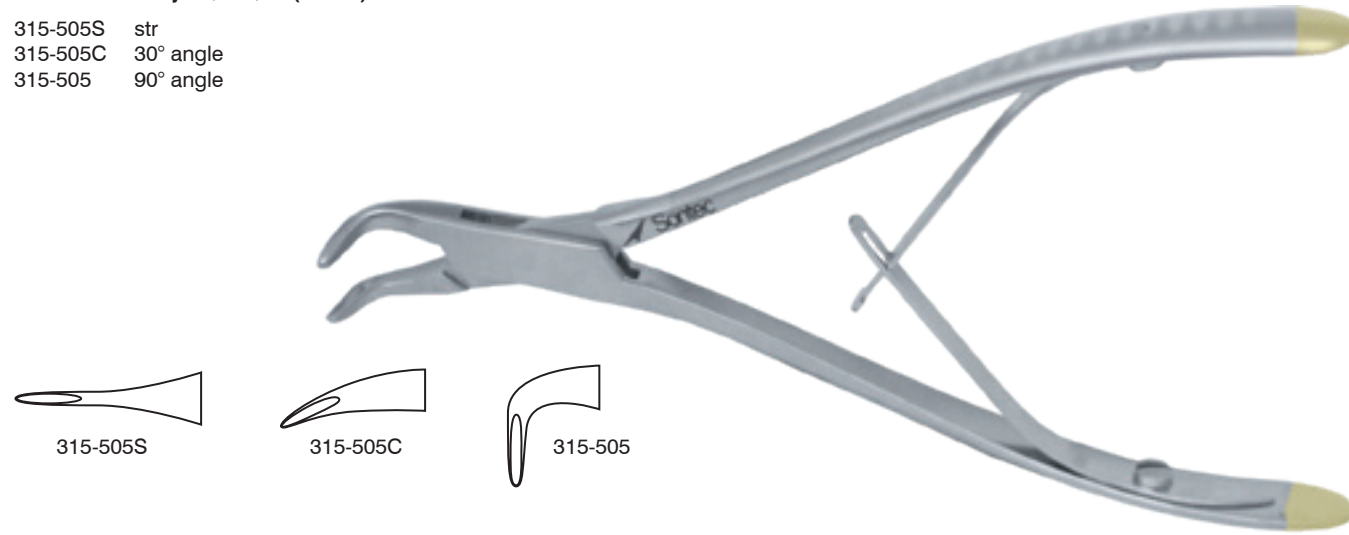


315-580

**Micro Friedman Rongeur**

1.5 mm x 5 mm jaw / 5 1/2" (14 cm)

- 315-505S str
- 315-505C 30° angle
- 315-505 90° angle



315-505

**Mini Friedman Rongeur**

2 mm x 8 mm jaw / 5 1/2" (14 cm)

- 1106-070 str
- 1106-075 cvd



1106-075

**Shearer Chickenbill Rongeur**

Curved / 3 mm x 12 mm jaw

- 315-511 5 1/2" (14 cm)
- 315-513 6 1/2" (16.5 cm)
- 315-515 7" (18 cm)



315-511

**Hakansson Rongeur**

2.5 mm x 12 mm jaw / curved / 6 1/4" (16cm)

- 1103-230



1103-230

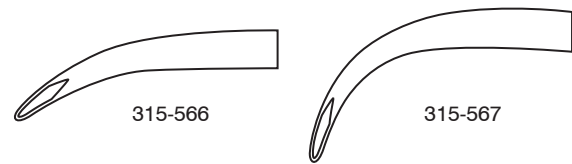
**Stellbrink Rongeur**

2 mm x 8 mm jaw / 6 1/2" (16.5 cm)

- 315-566 slight curve
- 315-567 full curve



315-566



315-566

315-567



315-567

**Classic Lempert Rongeur**

2.5 mm x 10 mm jaw

- 315-542 straight 6 1/4" (16 cm)
- 315-544 curved 6 1/4" (16 cm)
- 315-548 straight 7 1/2" (19 cm)
- 315-550 curved 7 1/2" (19 cm)

\* Additional Rongeurs available. Please call for styles, sizes & details



315-544



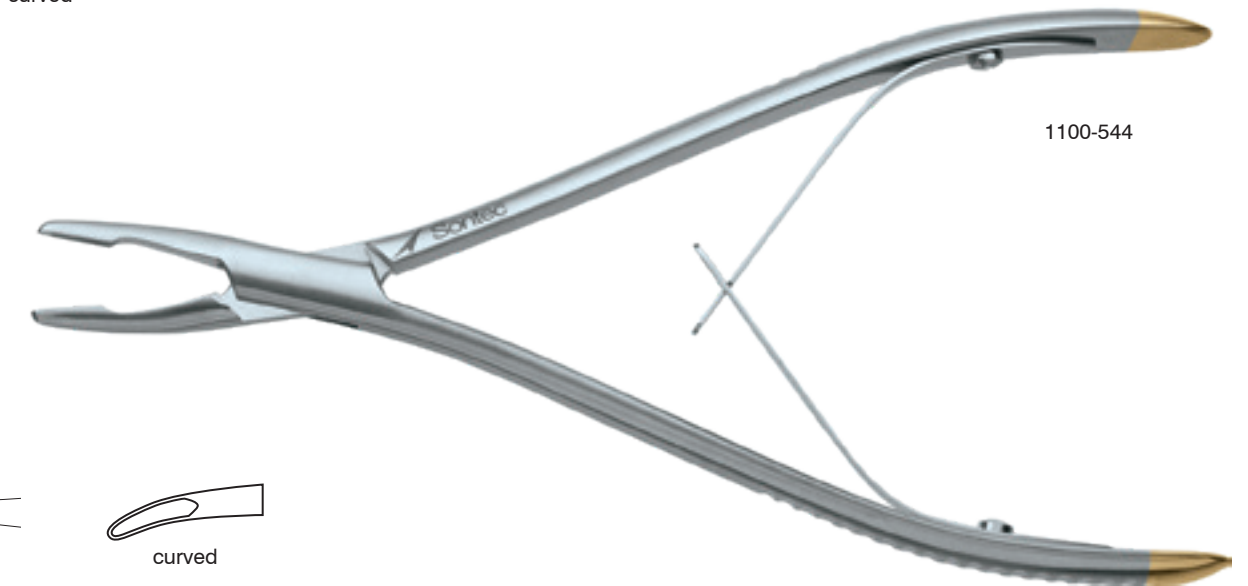
straight

curved

**Sontec Lempert Rongeur**

2.5 mm jaw / 6 1/2" (16.6 cm)

- 1100-542 straight
- 1100-544 curved



1100-544



straight

curved

**Jeurs Lempert Neuro Rongeur**

Curved to side / 2.5 mm jaw / 7 1/2" (19 cm)

1100-578



1100-578

**Levesque Neuro Rongeur**

Curved to side / low profile / extra delicate / 1.3 mm jaw / 7 1/2" (19 cm)

1100-578A



1100-578A

1100-578A

**Cicherelli Rongeur**

3 mm x 12 mm jaw / full curve / 6 1/2" (16.5 cm)

315-559



315-559

**Cleveland Rongeur**

Curved

315-526 5 1/2" (14 cm)

315-527 6 3/4" (17cm)



315-527

**Bane Single Action Rongeur**



315-540

**Blumenthal Rongeur**

**Tapered jaw / delicate / 4 1/2" (11.5 cm)**

- 315-500M 30° angle
- 315-501M 45° angle

**Curved / 2.5 mm x 10 mm jaw / 6" (15 cm)**

- 315-500 30° angle
- 315-501 45° angle

**Curved / 2.5 mm x 10 mm jaw / 7" (15 cm)**

- 315-499 30° angle



315-500

**Cushing Rongeur**

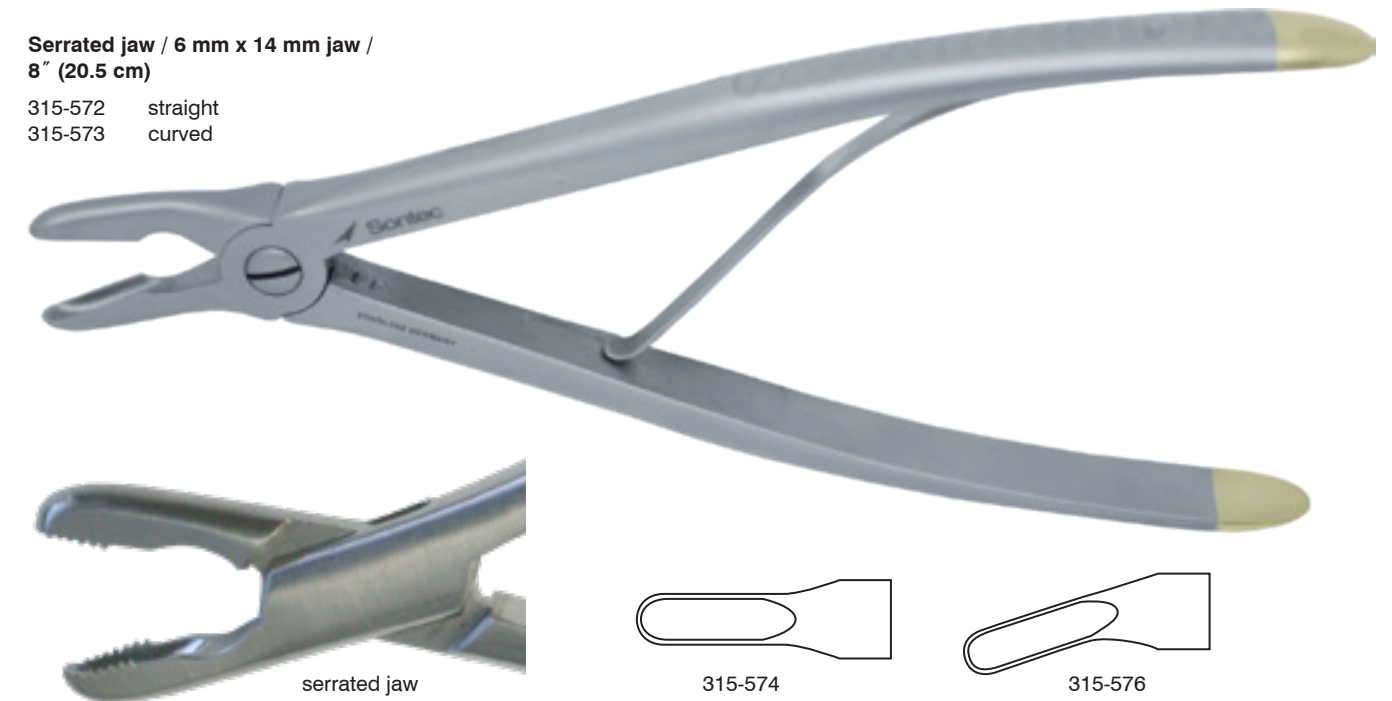
**6 mm x 14 mm jaw / 8" (20.5 cm)**

- 315-574 straight
- 315-576 curved

315-576

**Serrated jaw / 6 mm x 14 mm jaw / 8" (20.5 cm)**

- 315-572 straight
- 315-573 curved



serrated jaw

315-574

315-576

**Sontec Dental Bone Cutting Forceps**

**Small / 6" (15 cm)**

- 1100-584

**Large / 6 1/2" (16.5 cm)**

- 1100-584A

1100-584



1100-584

1100-584A



 Sontec Instruments®

Orthopedic DOUBLE ACTION RONGEURS

**Ruskin Rongeur**

**Double action / 6" (15.5 cm)**

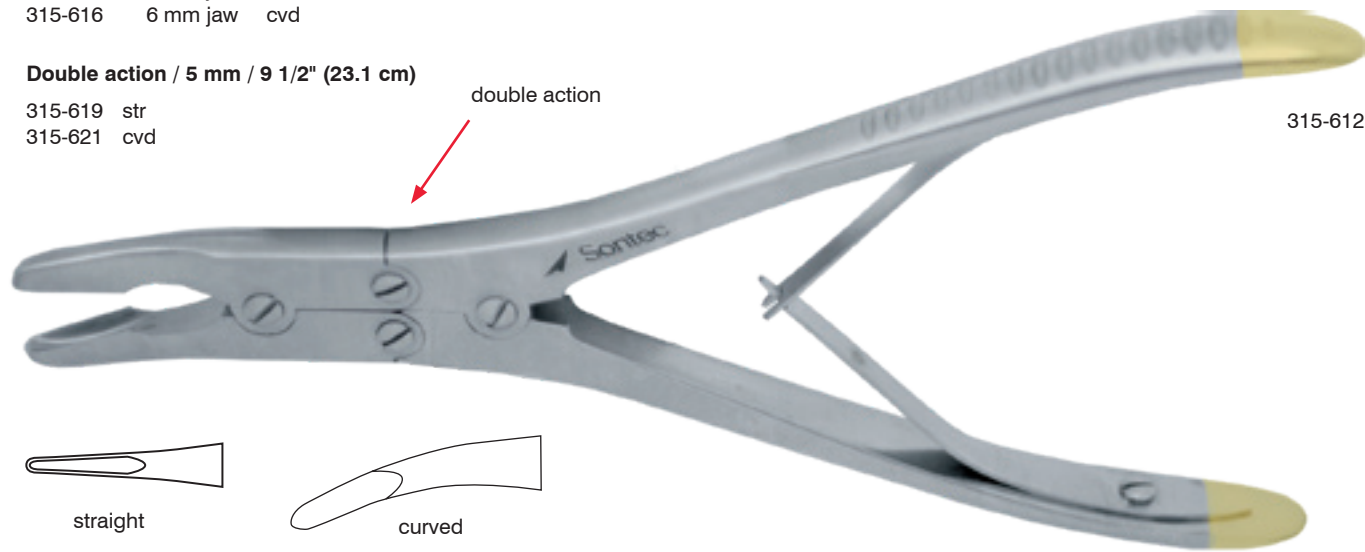
315-585	2 mm jaw	str
315-587	2 mm jaw	cvd
315-590	3 mm jaw	str
315-588	3 mm jaw	slight curve
315-589	3 mm jaw	full curve
315-586	4 mm jaw	str
315-593	4 mm jaw	cvd

**Double action / 7 1/4" (18.5 cm)**

315-610	5 mm jaw	str
315-612	5 mm jaw	cvd
315-614	6 mm jaw	str
315-616	6 mm jaw	cvd

**Double action / 5 mm / 9 1/2" (23.1 cm)**

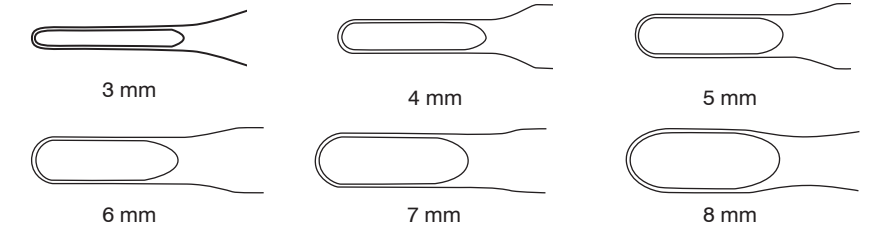
315-619	str
315-621	cvd



**Leksell Duckbill Rongeur**

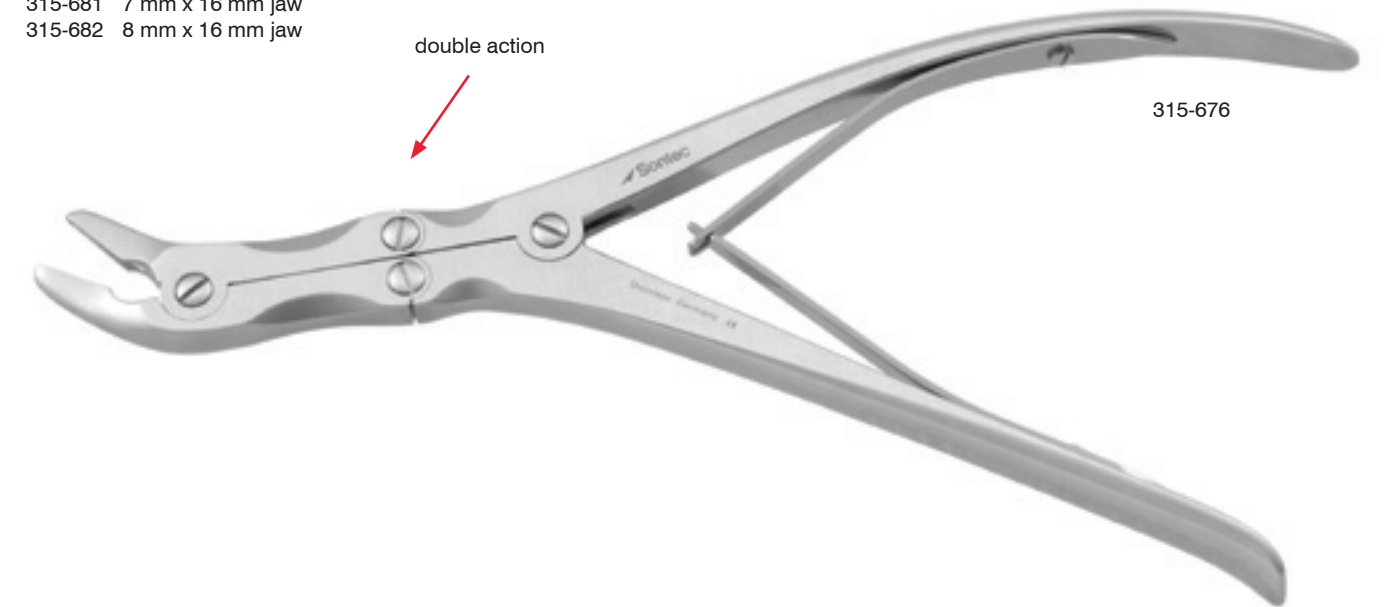
**Double action / curved to side / 9" (23 cm)**

315-674	3 mm x 16 mm jaw
315-671	4 mm x 16 mm jaw
315-673	5 mm x 16 mm jaw
315-677	6 mm x 16 mm jaw
315-679	7 mm x 16 mm jaw
315-680	8 mm x 16 mm jaw



**Double action / curved to side / full curve / 9" (23 cm)**

315-676	3 mm x 16 mm jaw
315-672	4 mm x 16 mm jaw
315-675	5 mm x 13 mm jaw
315-678	6 mm x 16 mm jaw
315-681	7 mm x 16 mm jaw
315-682	8 mm x 16 mm jaw





 Sontec Instruments®

Kerrison RONGEURS

**Universal Klick Kerrison Rongeur Set with Tray**

404-608-SET Set  
 Classic Standard Set includes:  
 404-6081 1 mm 40° 8" shaft  
 404-6082 2 mm 40° 8" shaft  
 404-6083 3 mm 40° 8" shaft  
 404-6084 4 mm 40° 8" shaft  
 404-6085 5 mm 40° 8" shaft  
 404-6086 2 universal handles

18-3564 tray only

To configure you own personalized set, refer to "Kerrison Section" > "Kerrison Universal Rotating 360° Rongeur" for all possible options

\*different size shafts available up request



**Kerrison Universal Rotating 360° Rongeur**

**Special**

404-606B handle \*special order

**Bayonet shaft / black ceramic / 12 1/2" (31.8 cm)**

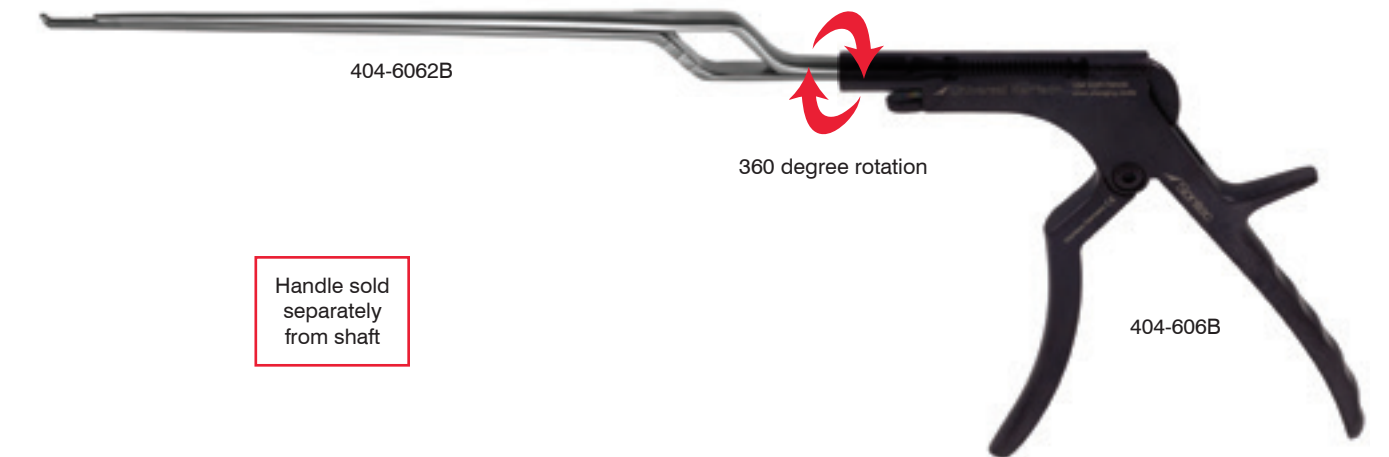
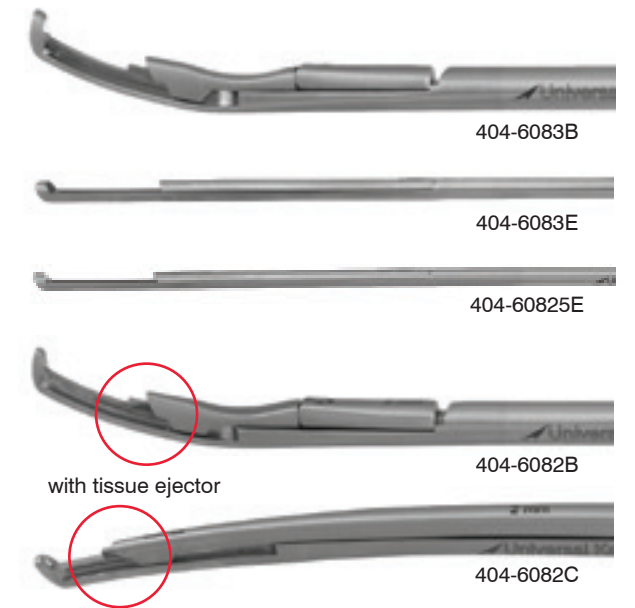
404-6061B 1 mm bite 40°  
 404-6062B 2 mm bite 40°  
 404-6063B 3 mm bite 40°

**Endoscopic / black ceramic / 16" (40.6 cm)**

404-6063EB 3 mm bite 40°

**Quick trigger release / shaft locks in 8 positions through a 360° rotation / 8" (20cm) shaft**

404-6082B 2 mm bite 40° up curved with tissue ejector  
 404-6082C 2 mm bite 40° down curved with tissue ejector  
 404-60825E 2.5 mm bit 40°  
 404-6083B 3 mm bite 40° up curved with tissue ejector  
 404-6083E 3 mm bite 40° endoscopic



**Kerrison Universal Rotating 360° Rongeur**

Quick trigger release / with tissue ejector / shaft locks in 8 positions through a 360° rotation / 8" (20cm) shaft / 40°

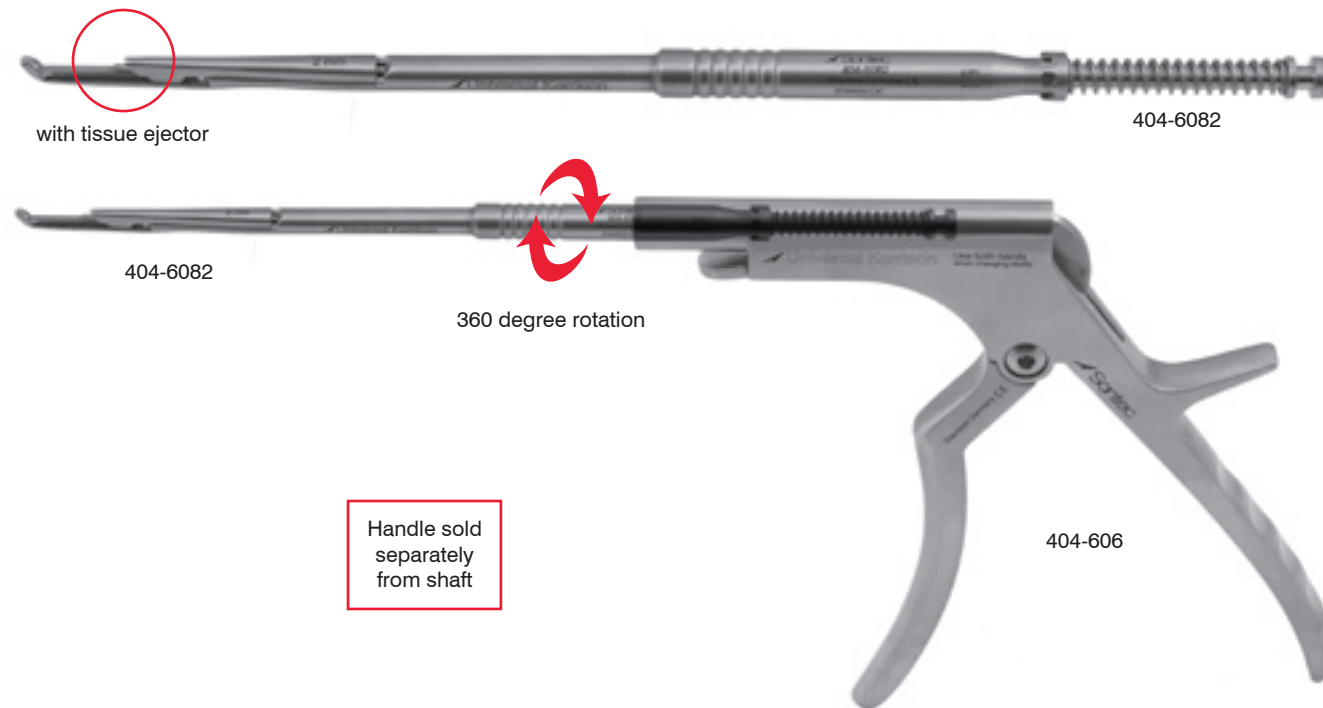
- 404-606 handle
- 404-605 full set includes: handle all 40° sizes 8", all 90° sizes 8"
- 404-6081 1 mm bite
- 404-6082 2 mm bite
- 404-6083 3 mm bite
- 404-6084 4 mm bite
- 404-6085 5 mm bite

With tissue ejector / 10" (25.5cm) shaft

- 404-606 handle
- 404-607 full set includes: handle all 40° sizes 10", all 90° sizes 10"
- 404-6086 1 mm bite
- 404-6087 2 mm bite
- 404-6088 3 mm bite
- 404-6089 4 mm bite
- 404-6090 5 mm bite

7" (17.5cm) shaft

- 404-6091 0.8 mm bite
- 404-6093 1.5 mm bite



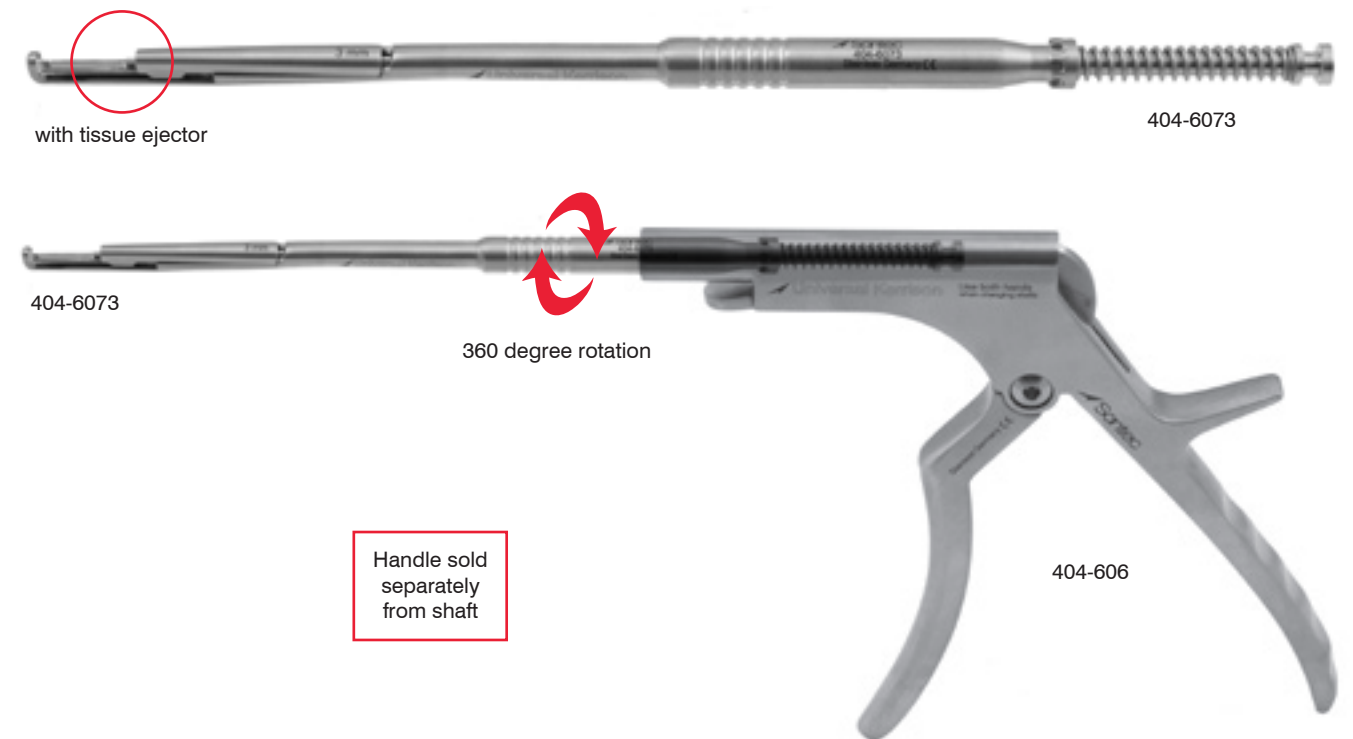
**Kerrison Universal Rotating 360° Rongeur**

Quick trigger release / with tissue ejector / shaft locks in 8 positions through a 360° rotation / 8" (20cm) shaft / 90°

- 404-606 handle
- 404-605 full set includes: handle all 40° sizes 8", all 90° sizes 8"
- 404-6071 1 mm bite 90°
- 404-6072 2 mm bite 90°
- 404-6073 3 mm bite 90°
- 404-6074 4 mm bite 90°
- 404-6075 5 mm bite 90°

With tissue ejector / 10" (25.5cm) shaft

- 404-606 handle
- 404-607 full set includes: handle all 40° sizes 10", all 90° sizes 10"
- 404-6076 1 mm bite 90°
- 404-6077 2 mm bite 90°
- 404-6078 3 mm bite 90°
- 404-6079 4 mm bite 90°
- 404-6080 5 mm bite 90°





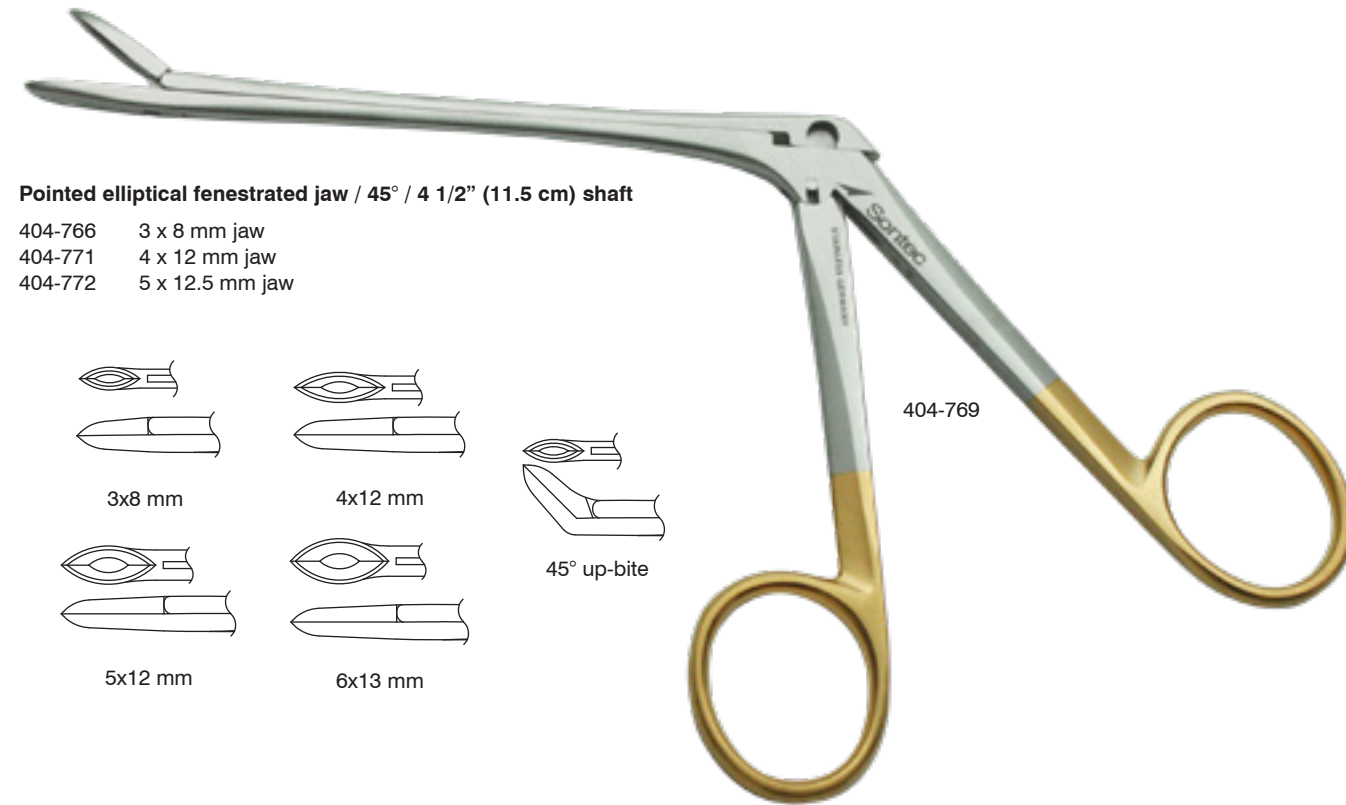
 Sontec Instruments®

Pistol Grip RONGEURS

**Weil-Blakesley Rongeur**

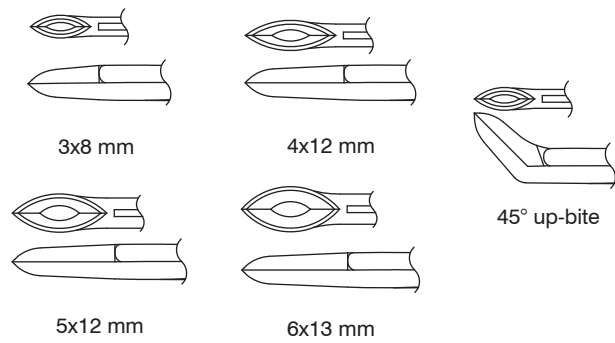
**Pointed elliptical fenestrated jaw / 4 1/2" (11.5 cm) shaft**

- 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



**Weil Nasal Rongeur**

**5 mm bite / 4 1/4" (10.5 cm) shaft**

- 468-548 straight
- 468-550 45° angled up



**Wilde Ethmoid Rongeur**

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

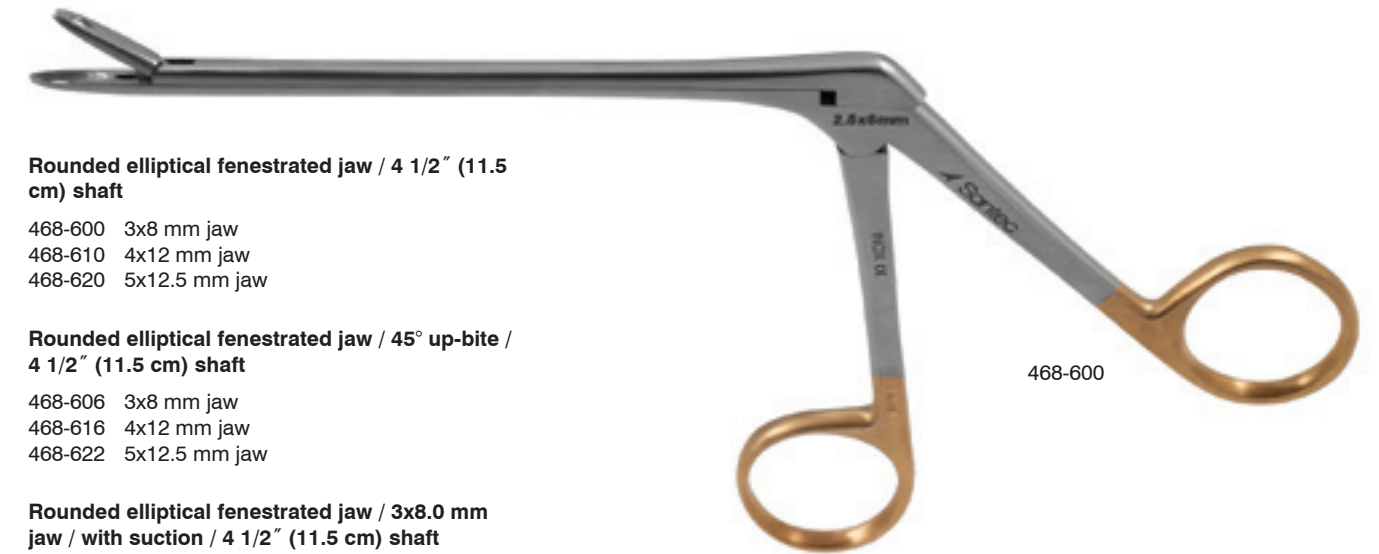
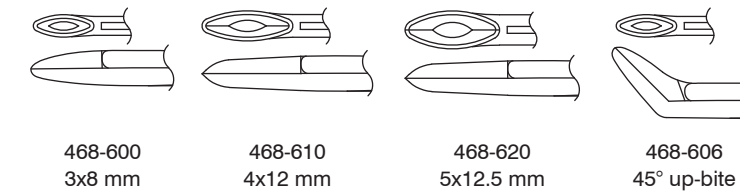
- 468-600 3x8 mm jaw
- 468-610 4x12 mm jaw
- 468-620 5x12.5 mm jaw

**Rounded elliptical fenestrated jaw / 45° up-bite / 4 1/2" (11.5 cm) shaft**

- 468-606 3x8 mm jaw
- 468-616 4x12 mm jaw
- 468-622 5x12.5 mm jaw

**Rounded elliptical fenestrated jaw / 3x8.0 mm jaw / with suction / 4 1/2" (11.5 cm) shaft**

- 468-636 straight
- 468-638P 45° up-bite



**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



404-7871



404-7875

**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

**Sheen Fragment Retriever Forceps**

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

- 469-035



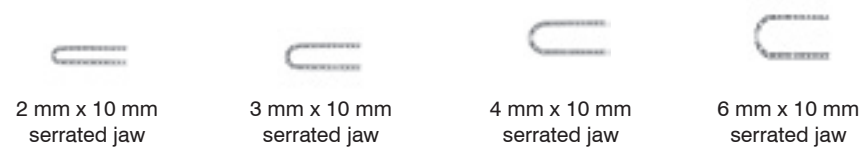
469-035

**Schlesinger (Cloward) Rongeur**

**Serrated bite / straight / 6" (15 cm) shaft**

- 404-754 2 mm x 10 mm bite
- 404-755 3 mm x 10 mm bite
- 404-755L 3 mm x 10 mm bite
- 404-756 4 mm x 10 mm bite
- 404-761 6 mm x 10 mm bite

7" shaft



**Serrated bite / up-angled / 6" (15 cm) shaft**

- 404-758 2 mm x 10 mm bite
- 404-759 3 mm x 10 mm bite
- 404-760 4 mm x 10 mm bite
- 404-762 6 mm x 10 mm bite

**Serrated bite / down-angled / 6" (15 cm) shaft**

- 404-754D 2 mm x 10 mm bite
- 404-755D 3 mm x 10 mm bite
- 404-756D 4 mm x 10 mm bite
- 404-763 6 mm x 10 mm bite

**Spurling Pituitary Rongeur**

**4 mm x 10 mm bite**

- 404-740 straight 5" (12.5 cm) shaft
- 404-742 up-angled 5" (12.5 cm) shaft
- 404-744 down-angled 5" (12.5 cm) shaft
- 404-747 straight 7" (18 cm) shaft
- 404-749 up-angled 7" (18 cm) shaft
- 404-751 down-angled 7" (18 cm) shaft
- 404-739 straight 12" (30.5 cm) shaft
- 404-739U up angle 12" (30.5 cm) shaft
- 404-739D down angle 12" (30.5 cm) shaft



**NEW EASY CLEAN**

**Cushing Pituitary Rongeur**

**Easy clean / straight / 2 mm x 10 mm jaw / 7" (17.8 cm)**

404-719E



**Love Gruenwald Pituitary Rongeur**

**Easy clean / straight / 3 mm x 10 mm jaw / 7" (17.8 cm)**

404-734E



**Spurling Pituitary Rongeur**

**Easy clean / straight / 4 mm x 10 mm jaw / 7" (17.8 cm)**

404-747E



### 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

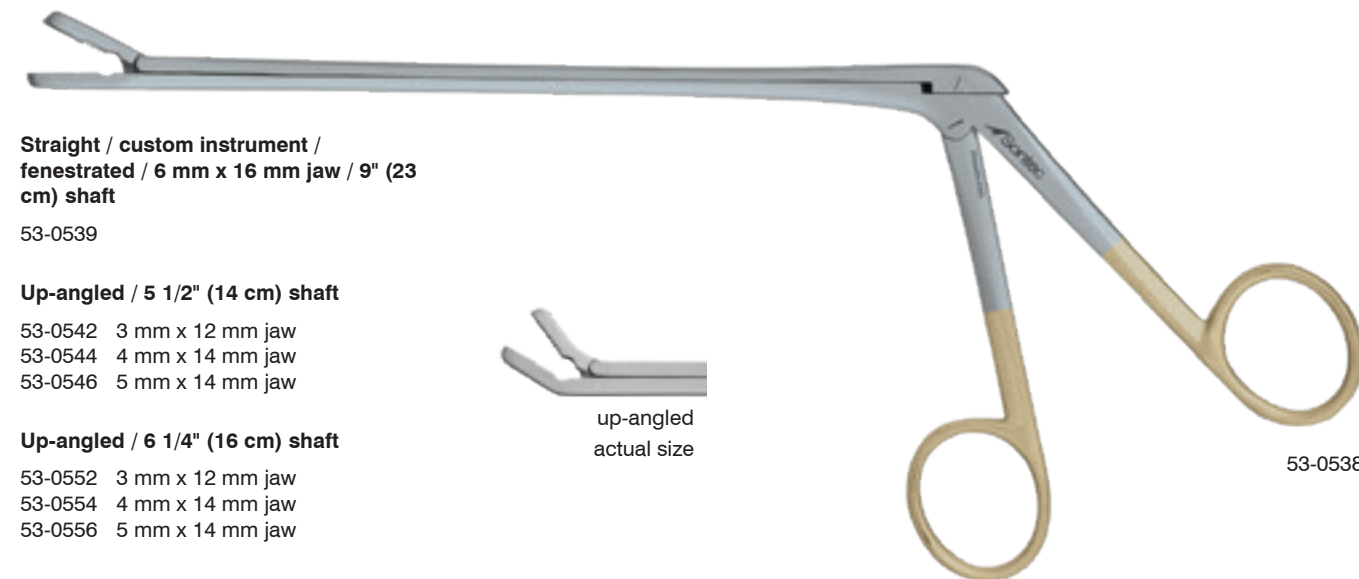
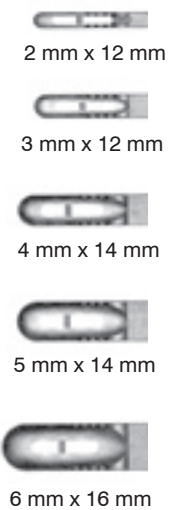
- 53-0572 3 mm x 12 mm jaw
- 53-0574 4 mm x 14 mm jaw

#### 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



up-angled  
actual size



down-angled  
actual size

### Ferris-Smith Arthroscopic Rongeur

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

- 404-813 round jaw
- 404-814 square jaw



### Ferris-Smith Arthroscopic Rongeur

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

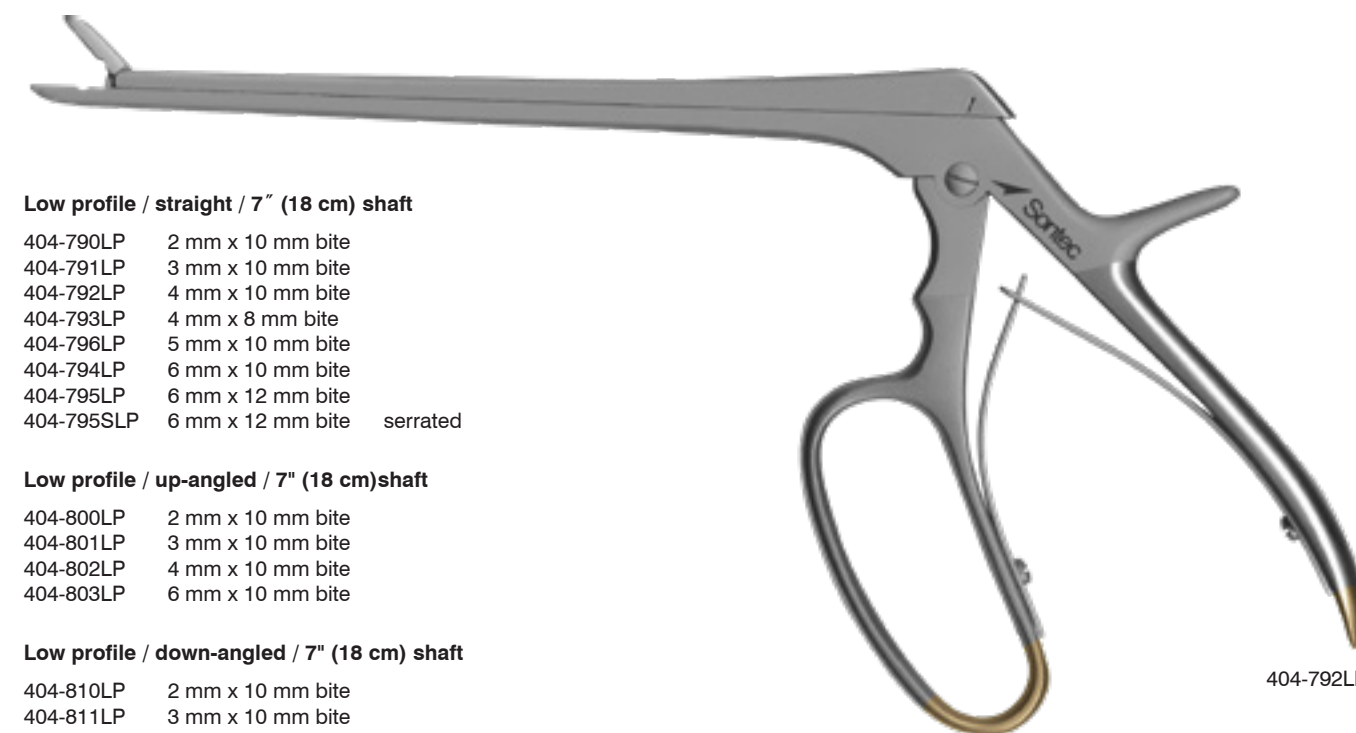
- 404-790LP 2 mm x 10 mm bite
- 404-791LP 3 mm x 10 mm bite
- 404-792LP 4 mm x 10 mm bite
- 404-793LP 4 mm x 8 mm bite
- 404-796LP 5 mm x 10 mm bite
- 404-794LP 6 mm x 10 mm bite
- 404-795LP 6 mm x 12 mm bite
- 404-795SLP 6 mm x 12 mm bite serrated

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

- 404-800LP 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	
404-7929LP	4 mm x 10 mm bite	low profile
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

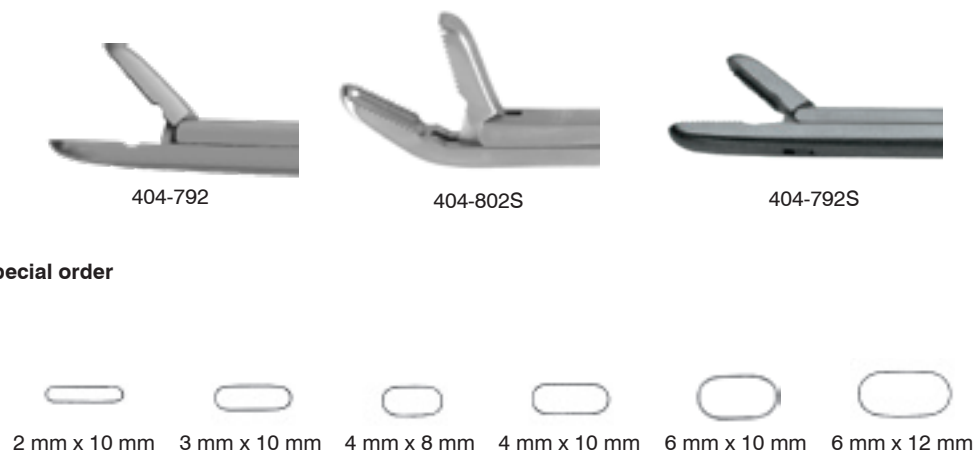
**Down-angled / 7" (18 cm) shaft**

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 10mm bite	

\*special order



404-792



404-792B

**Ferris-Smith Rongeur**

With Kerrison handle / straight / 4 mm x 8 mm / 7" (18 cm) shaft

404-793K



404-793K

**Ferris-Smith Wilde Rongeur**

Straight / powerful, low profile, tapered Wilde jaw design / 5 mm x 10 mm bite / 7" (18 cm) shaft

404-777

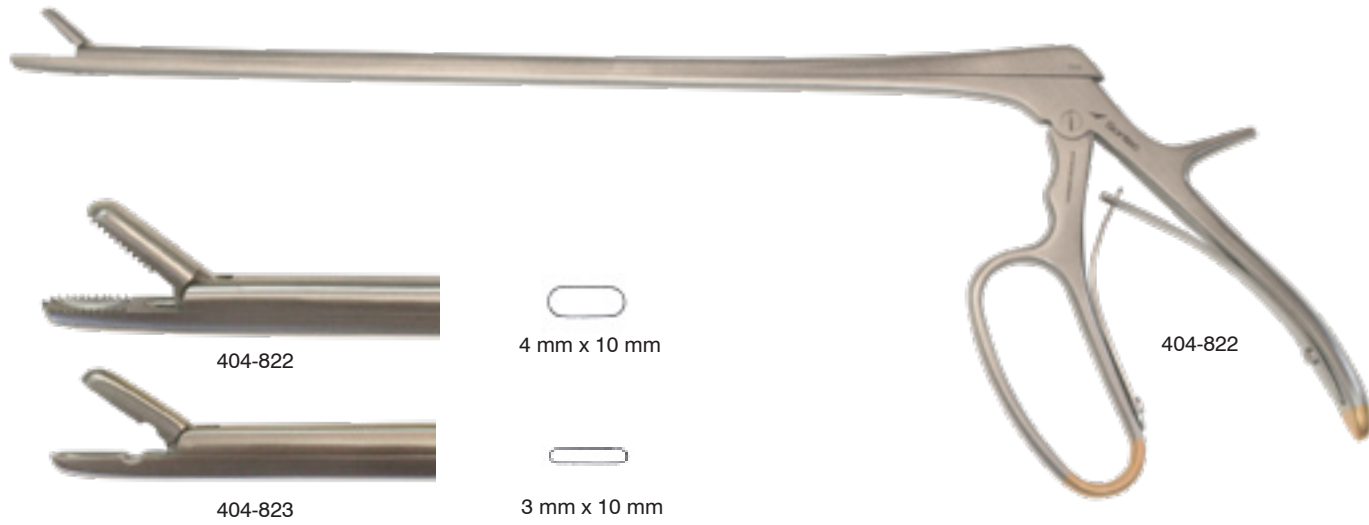


404-777

**Ferris-Smith Spinal Extended Shaft Rongeur**

Extra long shaft / straight / 12" (30.5 cm) shaft

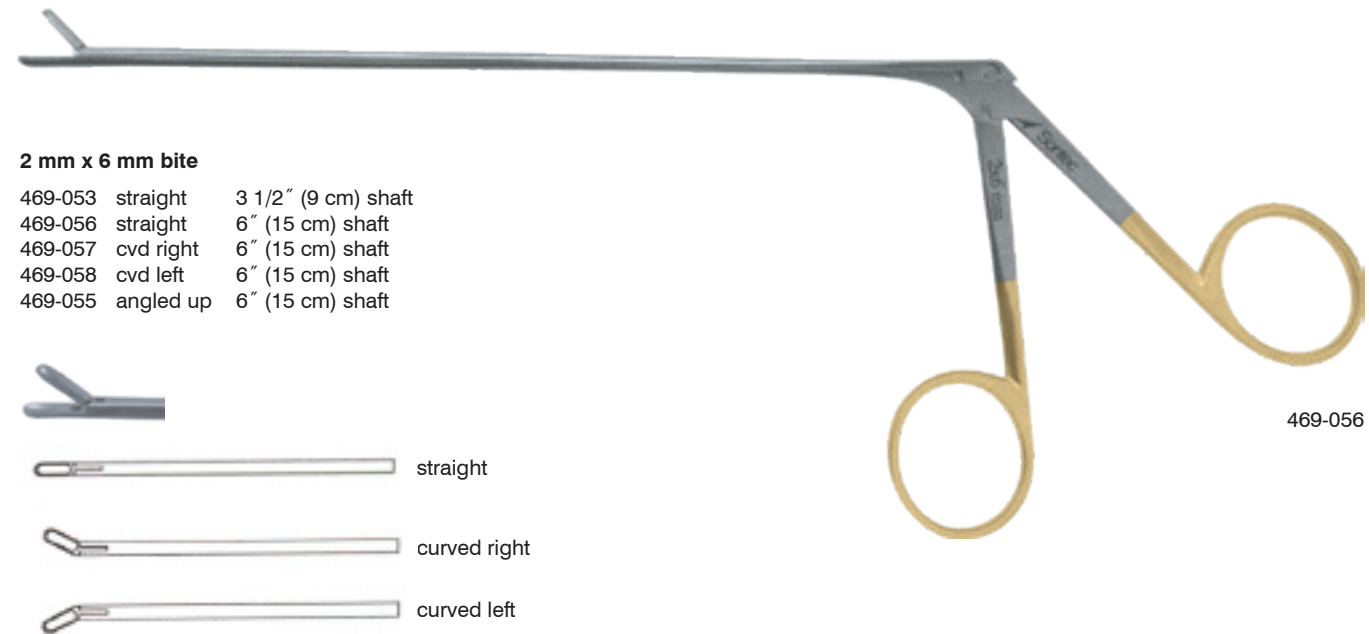
- 404-822 4mm x 10mm bite serrated
- 404-823 3mm x 10mm bite



**Decker Micro Rongeur**

2 mm x 6 mm bite

- 469-053 straight 3 1/2" (9 cm) shaft
- 469-056 straight 6" (15 cm) shaft
- 469-057 cvd right 6" (15 cm) shaft
- 469-058 cvd left 6" (15 cm) shaft
- 469-055 angled up 6" (15 cm) shaft



**Hoehn Grasping Forceps**

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

1404-862



**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



**Williams-Sontec Rongeur**

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

404-824



actual size



404-824

**Mcllwraith 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

**Mcllwraith Arthroscopic Scissors Rongeur**

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

1404-855



1404-855

**Mcllwraith-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

**Uterine Biopsy Punch**

Oval basket / 8 1/2" (21.5 cm) shaft  
525-256



525-256

**Uterine Biopsy Forceps**

Horizontal Oval basket / 11" (27.9 cm) shaft  
525-254

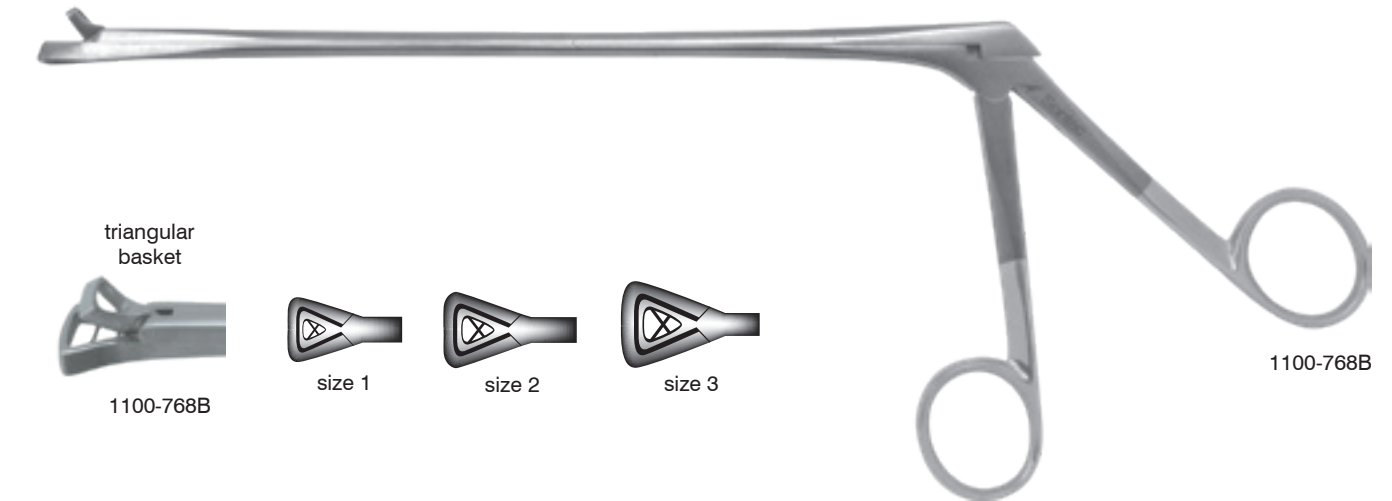


525-254

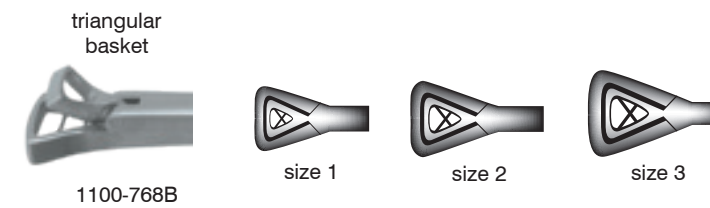
**Sontec Triangle Biopsy Punch Rongeur**

Triangular basket / 5 1/2" (14 cm) shaft  
478-322 size 0  
1100-767A size 1  
1100-767B size 2  
1100-767C size 3

Triangular basket / 8" (20 cm) shaft  
1100-768A size 1  
1100-768B size 2  
1100-768C size 3



1100-768B



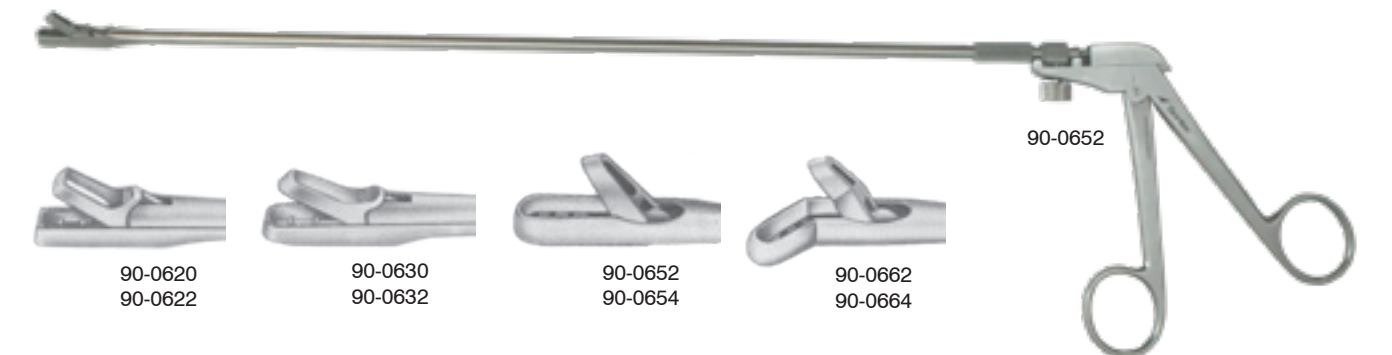
**Yeoman Biopsy Punch Rongeur**

Square basket / 11" (28 cm) shaft  
90-0620 small punch  
90-0630 large punch

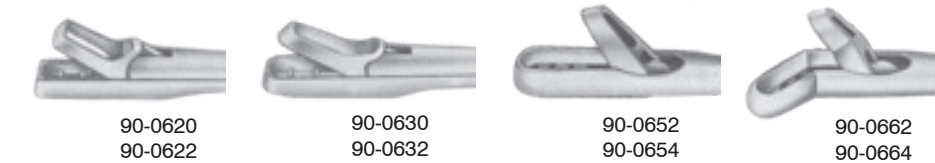
Square basket / 14 1/2" (37 cm) shaft  
90-0622 small punch  
90-0632 large punch

Round basket / 360° rotating shaft / 13" (33 cm) shaft  
90-0652 straight punch  
90-0662 angled punch

Round basket / 360° rotating shaft / 16" (40.6 cm) shaft  
90-0654 straight punch  
90-0664 angled punch



90-0652





 Sontec Instruments®

ALLIGATOR BIOPSY FORCEPS

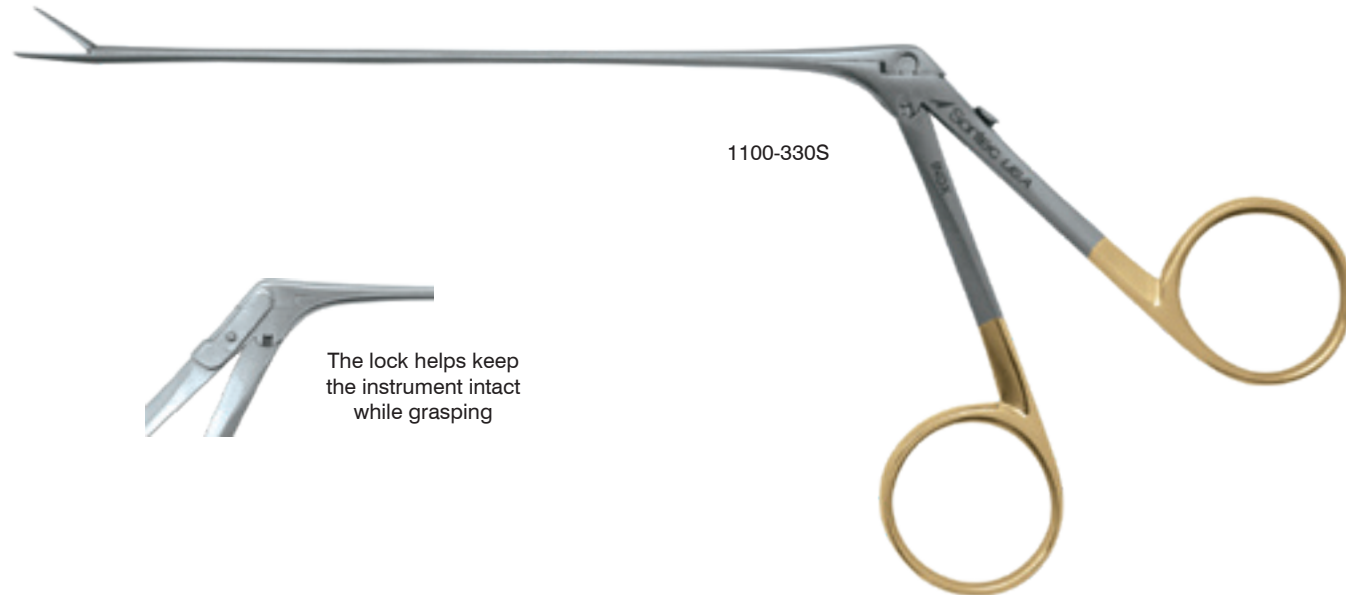
**Sontec Alligator Forceps**

With lock / delicate jaw / delicate shaft

- 1100-328L 3 1/2" (9 cm) long jaw
- 1100-330S 5 1/2" (14 cm) shaft
- 1100-333 6 1/2" (16.5 cm) shaft
- 1100-334 9" (23 cm) shaft



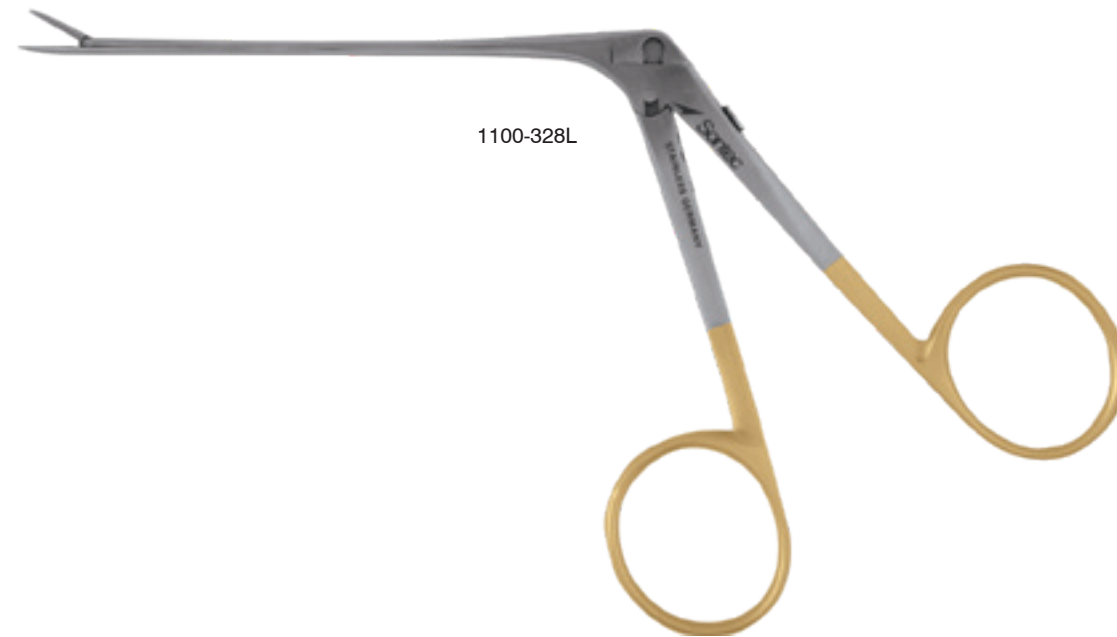
1100-328L



1100-330S



The lock helps keep the instrument intact while grasping



1100-328L

**Sontec Micro Alligator Forceps**

Delicate / lacrimal ducts / 4 mm x 0.9 mm jaw / 3 1/4" (8 cm) shaft

- 469-040 straight with lock
- 469-050 angled right with lock
- 469-048 angled left with lock
- 469-036 straight without lock



469-040

**Hartman Alligator Forceps**

1 x 2 teeth / 6 1/2" (16.5 cm)

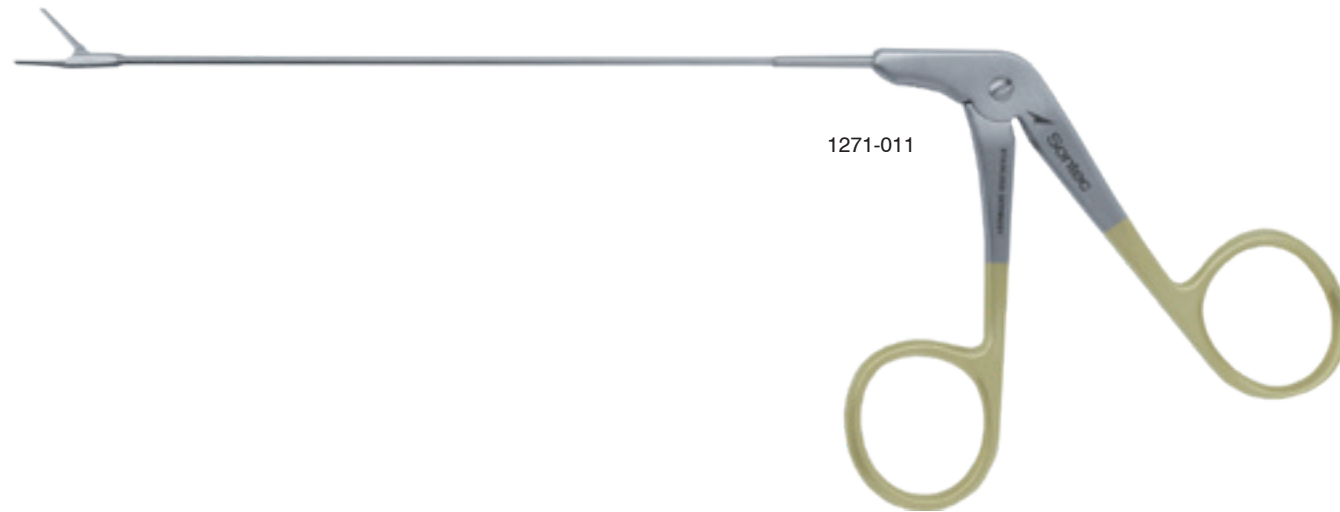
- 1100-331



**Alligator Forceps Tubular Shaft**

Delicate, flexible, tubular shaft / jaw width is uniform / 10 mm length x 1 mm width

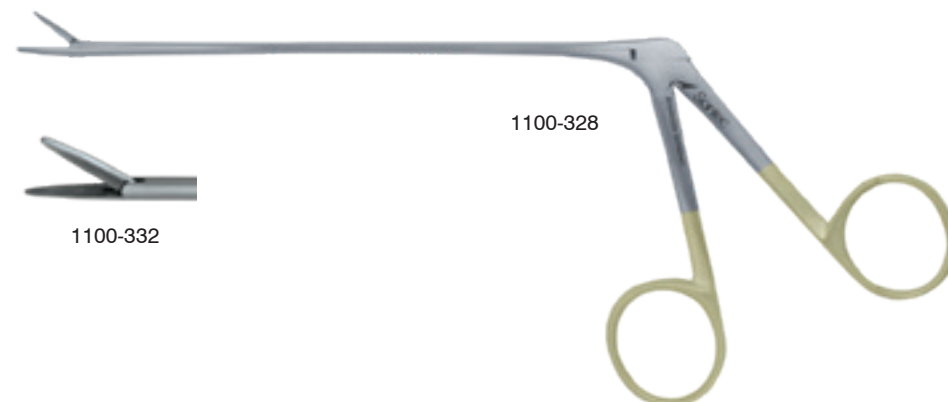
- 1271-010 3 1/2" (9 cm) shaft
- 1271-011 5 1/2" (14 cm) shaft
- 1271-012 6 1/2" (16.5 cm) shaft
- 1271-013 9" (23 cm) shaft



**Sontec Alligator Forceps**

Standard jaw / jaw length 10 mm / standard shaft / jaw width 2.2 tapering at tip to 1mm

- 1100-328 3 1/2" (9 cm) shaft
- 1100-330 5 1/2" (14 cm) shaft
- 1100-332 6 1/2" (16.5 cm) shaft

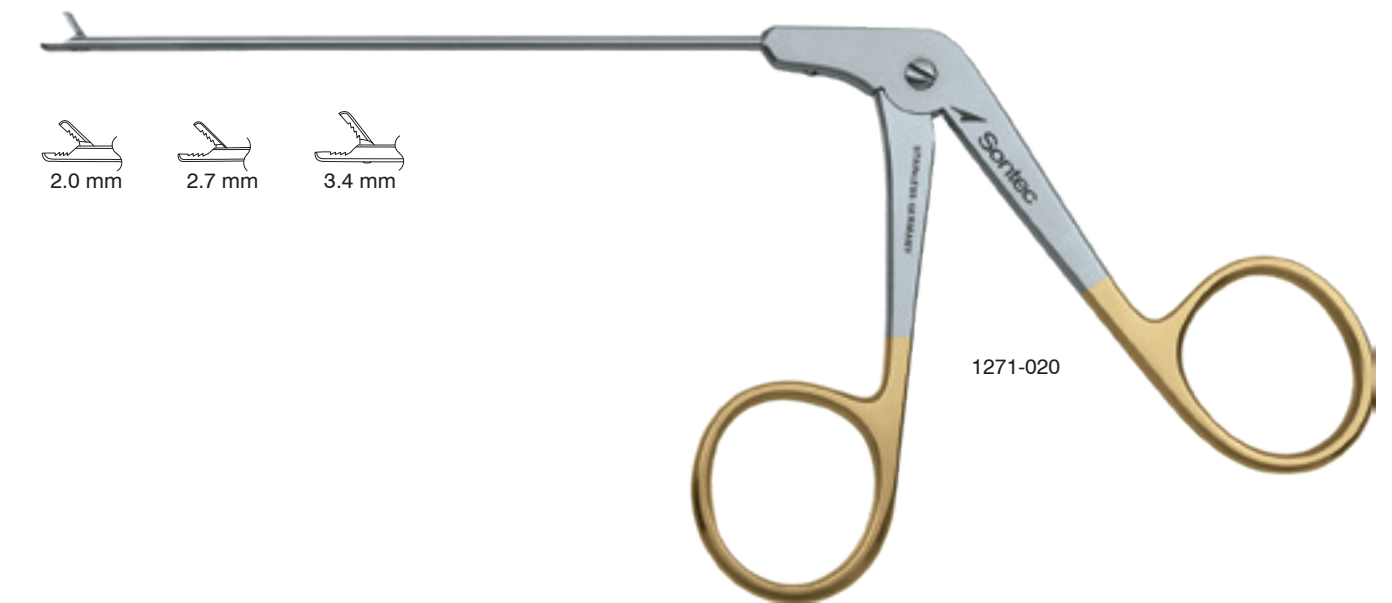


**Arthroscopic Grasping & Biopsy Combo Rongeur Forceps**

Tubular shaft / serrated bite

- 1271-020 2.0 mm cup 4" (10 cm) shaft
- 1271-020R 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) shaftrear actuator hand

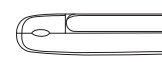
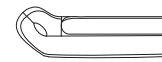
\* Available in 4.5 mm, please ask for details



**Jackson / Biopsy Forceps**

**Round cup / straight / 11" (28 cm) shaft**

- 1100-771A 2 mm cup
- 1100-769 4 mm cup
- 1100-770 6 mm cup

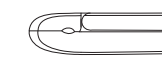
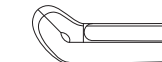


1100-710A

1100-718A

**Round cup / straight / 11 3/4" (29.75 cm) shaft**

- 1100-718A 2 mm cup
- 1100-718B 4 mm cup
- 1100-718C 6 mm cup

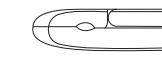


1100-710B

1100-718B

**Round cup / straight / 15 3/4" (40 cm) shaft**

- 1100-720A 2 mm cup
- 1100-720B 4 mm cup
- 1100-720C 6 mm cup

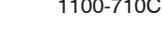


1100-710C

1100-718C

**Round cup / straight / 19 3/4" (51 cm) shaft**

- 1100-722A 2 mm cup
- 1100-722B 4 mm cup
- 1100-722C 6 mm cup



**Round cup / up-angled / 11" (28 cm) shaft**

- 1100-771B 2 mm cup

**Round cup / up-angled / 11 3/4" (29.75 cm) shaft**

- 1100-710A 2 mm cup
- 1100-710B 4 mm cup
- 1100-710C 6 mm cup



1100-710C

**Round cup / up-angled / 15 3/4" (40 cm) shaft**

- 1100-712A 2 mm cup
- 1100-712B 4 mm cup
- 1100-712C 6 mm cup

**Round cup / up-angled / 19 3/4" (51 cm) shaft**

- 1100-714A 2 mm cup
- 1100-714B 4 mm cup
- 1100-714C 6 mm cup

**Round cup / up-angled / 23 3/4" (61 cm) shaft**

- 1100-716A 2 mm cup
- 1100-716B 4 mm cup
- 1100-716C 6 mm cup

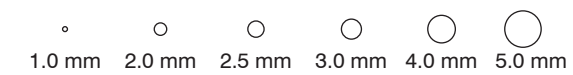
**Sontec Micro Biopsy Forceps**

**Round cup**

- 469-062 1.0 mm cup 3 1/4" (8 cm) shaft
- 469-063 2.0 mm cup 3 1/4" (8 cm) shaft
- 469-063A 2.0 mm cup 3 1/4" (8 cm) shaft angled up
- 469-063M 2.5 mm cup 3 1/4" (8 cm) shaft
- 469-063L 3.0 mm cup 3 1/4" (8 cm) shaft
- 469-063X 4.0 mm cup 3 1/4" (8 cm) shaft
- 469-081 1.0 mm cup 6" (15 cm) shaft
- 469-082 2.0 mm cup 6" (15 cm) shaft
- 469-080 2.5 mm cup 6" (15 cm) shaft
- 469-083 3.0 mm cup 6" (15 cm) shaft
- 469-084 4.0 mm cup 6" (15 cm) shaft
- 469-085 5.0 mm cup 6" (15 cm) shaft



469-063M





 Sontec Instruments®

Orthopedic DRILLS, DRILL GUIDES & CHUCKS

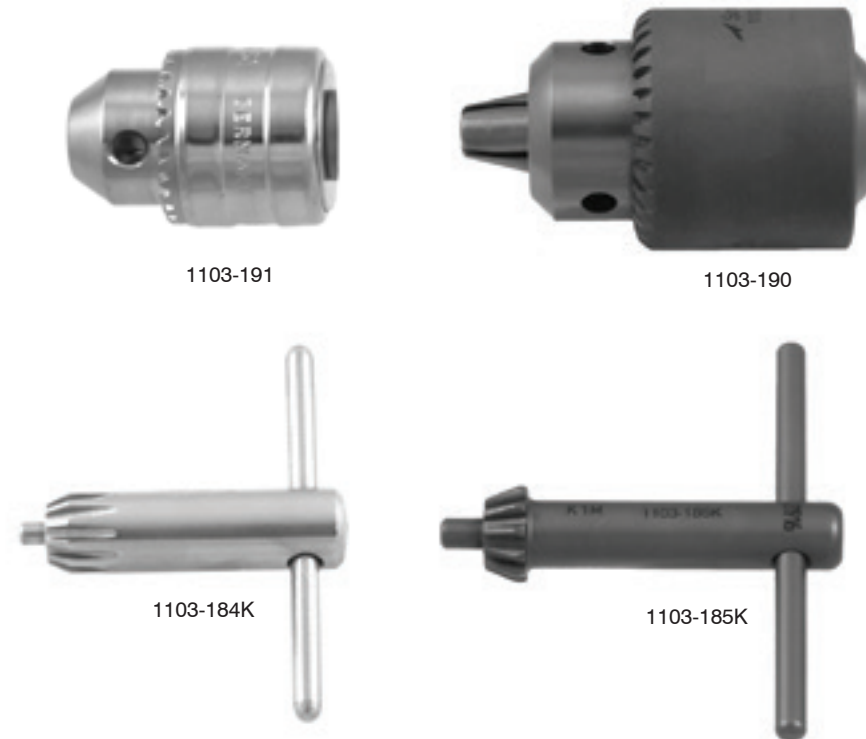
**Sontec I.M. Pin Chuck**

**Stainless steel keyed drill chuck**

- 1103-190 3/8"
- 1103-191 5/16"

**Key for Sontec I.M. pin chuck**

- 1103-185K for 3/8" chuck
- 1103-184K for 5/16" chuck



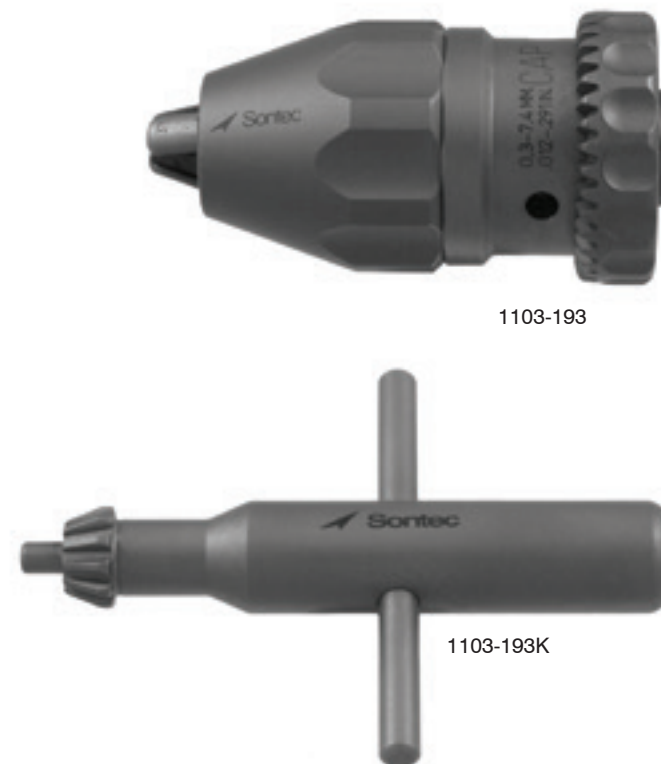
**Sontec Hybrid I.M. Pin Chuck**

**Stainless steel universal use with or without key drill chuck**

- 1103-193 3/8"

**Key for 3/8" hybrid chuck**

- 1103-193K



**Sontec I.M. Pin Chuck Set**

**with aluminum handle**

- 1103-184-SET

**Set includes:**

- 1103-191 stainless steel 5/16" chuck
- 1103-184K key
- 1103-191H aluminum handle
- 1103-187 extension handle

- 1103-185-SET

**Set includes:**

- 1103-190 stainless steel 3/8" chuck
- 1103-185K key
- 1103-190H aluminum handle
- 1103-187 extension handle



**Sontec I.M. Pin Chuck Set**

**with t-handle**

- 1103-184T-SET

**Set includes:**

- 1103-191 stainless steel 5/16" chuck
- 1103-184K key
- 1103-185T t-handle

- 1103-185T-SET

**Set includes:**

- 1103-190 stainless steel 3/8" chuck
- 1103-185K key
- 1103-185T t-handle



**K-Wire Pin Driver**

Cannulated for K-wire / 6 3/8" (15.5 cm)

1103-180

1103-180T titanium



1103-180



1103-180T

**Universal Drill Guide**

With adjustable spiked head and 3 different sized interchangeable guide tubes

1103-168-SET

Set include:

1103-168 Universal Drill Guide body with spike

1103-16820 2.0 mm guide tube

1103-16827 2.7 mm guide tube

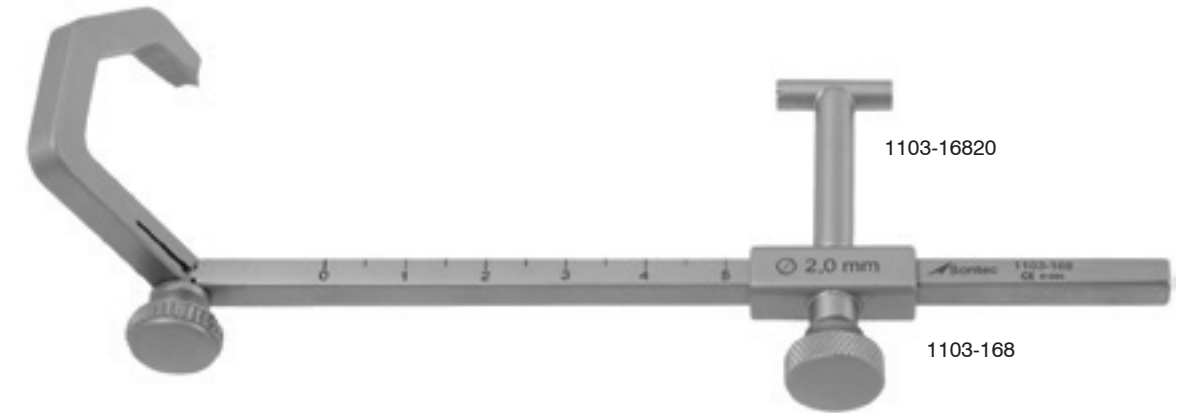
1103-16835 3.5 mm guide tube



1103-16827



1103-16835



1103-16820

1103-168



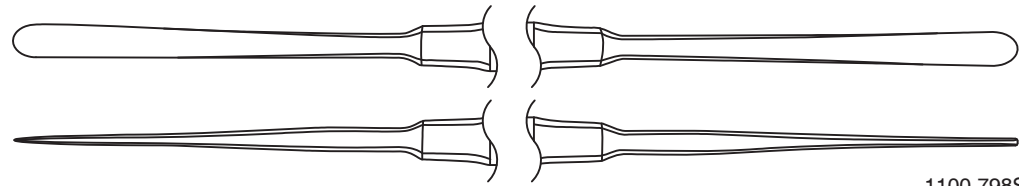
 Sontec Instruments®

Orthopedic ELEVATORS

**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

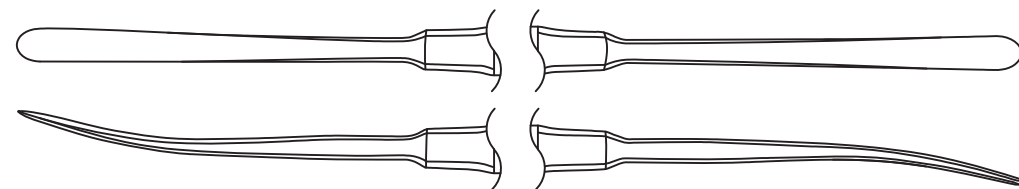
1100-798 7 3/4"

1100-798G 8 1/2"

1100-798F 8 3/4"



1100-798



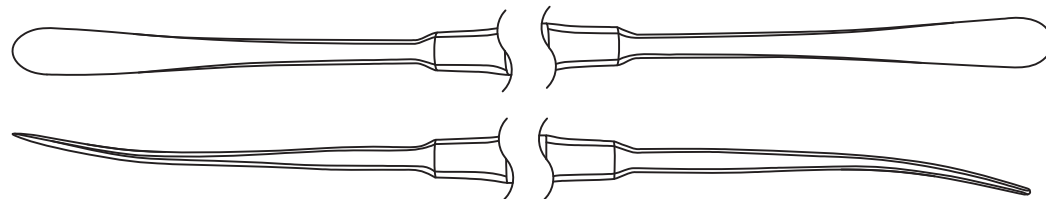
Double-ended / square handle / curved / 6.5 mm tip / sharp/blunt

1100-798A 7 3/4"

1100-798E 8 3/4"



1100-798A



**Freer Periosteal Elevator**

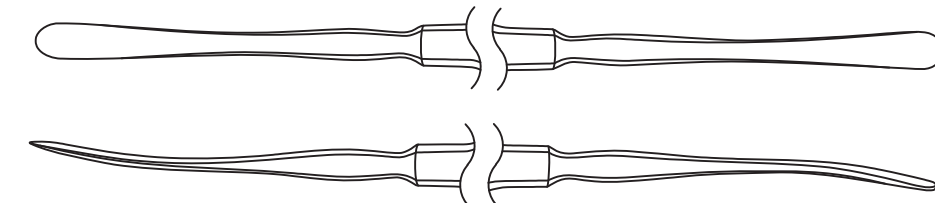
Double-ended / round handle / curved / sharp/blunt / 7 1/2"

1100-798B 5 mm tip

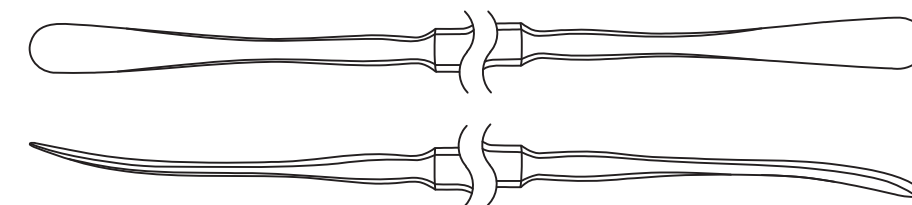
1100-798C 6.7 mm tip



1100-798B



1100-798C

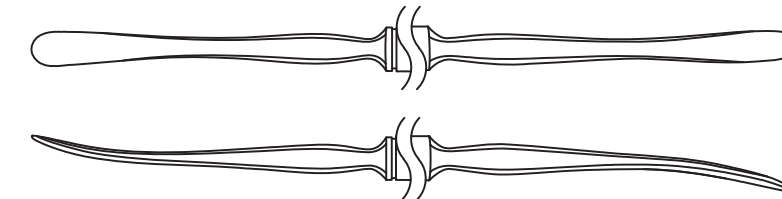


Double-ended / knurled round handle / curved / 4.5 mm tip / sharp/blunt / 6 3/4"

1100-798D

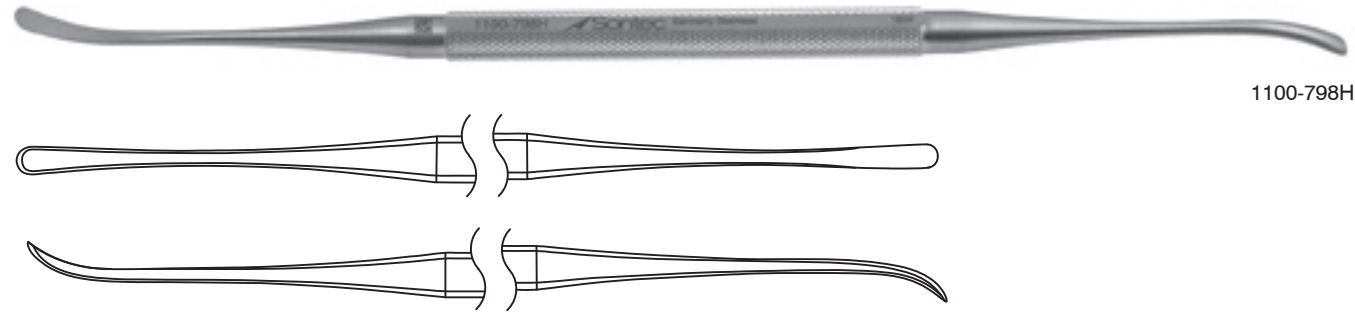


1100-798D



**Freer Periosteal Elevator**

Double-ended / round handle / curved / 3.5 mm tip  
/ sharp / 7 1/4"  
1100-798H



1100-798H

**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**

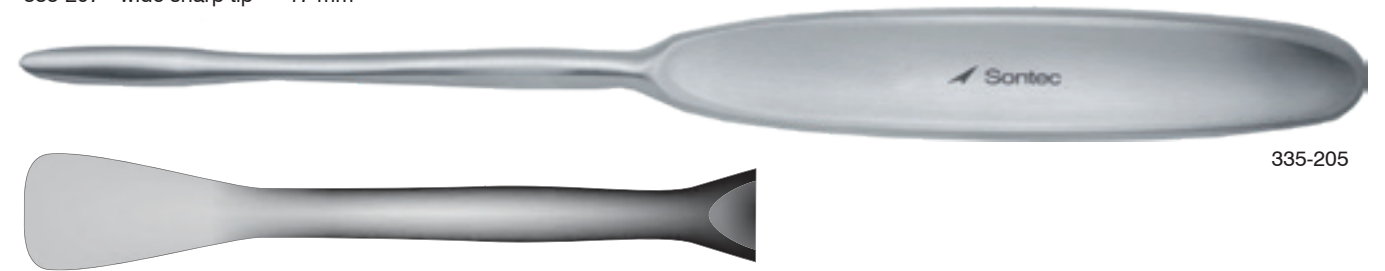
Single-ended / 6 3/4" (16.5 cm)  
412-528 cvd semi-sharp



412-528

**Langenbeck Periosteal Elevator**

Single-ended / 8" (20 cm)  
335-205 narrow blunt tip 6 mm  
335-207 wide sharp tip 17 mm



335-205

335-207

**Hoer Periosteal Elevator**

7 mm tip / 6 1/4" (16 cm)  
412-530



412-530

**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



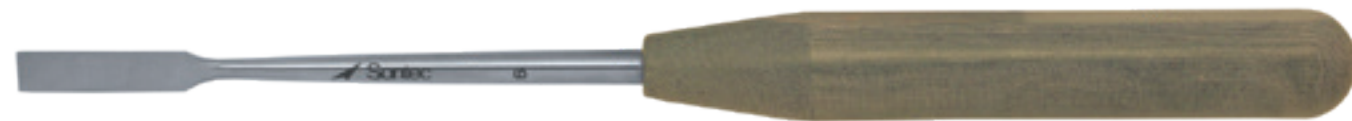
335-210

335-212

**Sontec A O Type Elevator / Raspatory**

Phenolic handles / 7 1/2" (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



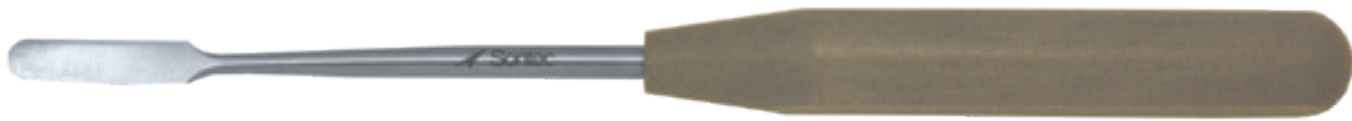
335-250



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



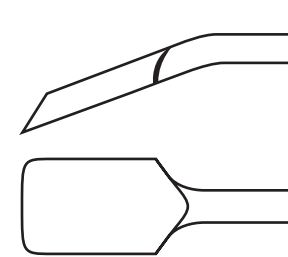
335-275



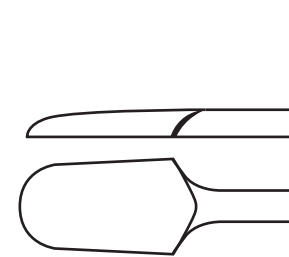
335-280



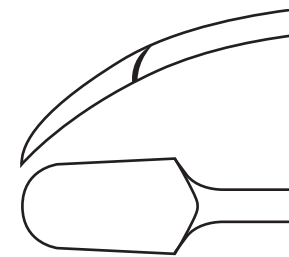
335-285



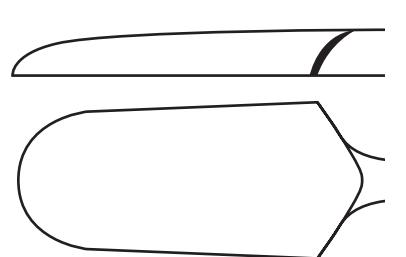
335-270



335-275



335-280



335-285



 Sontec Instruments®

ELEVATORS

**Woodson Elevator**

7 1/8" (18.1 cm)  
412-571



**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



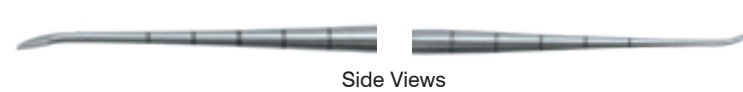
**Killian Elevator**

Double-ended / 7 1/4" (18.4 cm)  
412-536



**Masing Elevator / Dissector**

Double-ended / curved / octagonal handle / 7 7/8" (19.75 cm)  
412-575



**Sontec-Masing Septal Dissector**

Double-ended / curved/curved / 8 1/4"  
467-535



**Sontec S.P.T. Elevator**

Round handle/ double-ended / curved / sharp / 8 1/4" (21 cm)  
412-583



**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



**Roger Elevator**

Double-ended / full curve / 7 1/4" (18.5 cm)  
412-558



**Mcdonald Elevator**

Double-ended / 7 1/2" (19 cm)  
412-585



**Freer Elevator / Mucosa Knife Round Handle 4.5 mm**

Double-ended / 4.5 mm / 7 3/4" (19.5 cm)  
468-163



468-163

**Freer Elevator / Packer**

Double-ended / 4.5 mm / 7 3/4" (19.5 cm)  
468-165



468-165

**Joseph Massing Elevator**

Bayonet shaft / 8" (20 cm)  
335-105



335-105

Straight / 6 mm / 8" (20.3 cm)  
335-106



335-106

**Pennington Elevator**

Double-ended / 8 1/4" (21 cm)  
412-580



412-580

**House Ear Elevator**

1 mm tip / 6 1/4" (16 cm)  
468-140



468-140

**Cottle Elevator**

Slight curve / 9 mm tip  
/ 7 1/2" (19 cm)  
412-527



412-527

**Boies Nasal Fracture Elevator**

9 mm / wide tip blunt / 7 1/2" (19.1 cm)  
345-315



345-315

**Sontec® Cottle Elevator**

Double-ended / sharp & blunt /  
graduated / 8 1/4" (21 cm)  
1271-302



1271-302

**Sesamoid Cottle Elevator**

Strong curve / double-ended / 9" (23 cm)  
1271-310



1271-310

**CSU Cottle Elevator**

Double-ended / graduated /  
9" (23 cm)  
1271-300 blunt  
1271-301 sharp



1271-300

**Cottle Daniel Raspatory/Packer**

Double-ended / 8 1/2" (22 cm)  
1271-309



1271-309

**Daniel-Gubisch Raspatory/Rasp**

Double-ended / rasp-elevator / 8 1/2" (22 cm)  
1271-307



1271-307

**Sontec® Septum Elevator / Probe**

Double-ended / with ball tips / 7" (18 cm)  
468-150



468-150

**Barns Septum Elevator**

Double-ended / 7 3/4" (19.5 cm)  
467-532 60° disc end/60° 4.5 mm elevator end  
467-533 disc end/4.5 mm Freer end



467-532



467-533

**Maxillary Ostium Elevator / Probe**

Double-ended / with ball tips / 8 1/4" (21 cm)  
468-160



468-160

**Ostium Burnisher Elevator**

Ball #42 / 1.9 & 1.2mm diameters /  
double-ended / 6 1/2" (16 cm)  
1102-BR42



1102-BR42

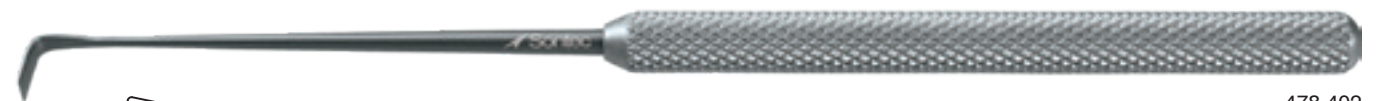
**Cleft Palate Elevator**

Double-ended / with perpendicular  
blades / 6 1/4" (18 cm)  
478-395

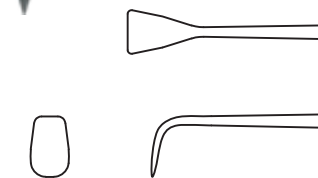


**Cronin Cleft Palate Elevator / Dissector**

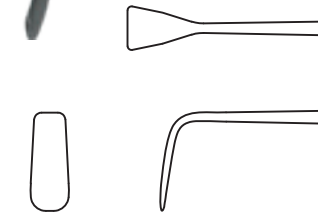
Rounded-blunt tip / 7" (18 cm)  
478-402 small  
478-405 medium  
478-400 large



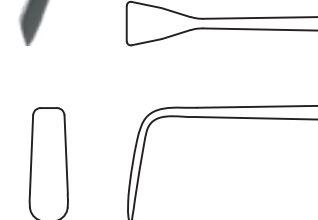
478-402



478-405



478-400





 Sontec Instruments®

Orthopedic MALLETS

**Sontec Combo Nylon Mallet**

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

1100-462S deluxe mallet with one nylon head

**Sold separately**

1100-462SH stainless steel head for deluxe mallet

1100-463S nylon head for deluxe mallet



1100-462S



1100-462SH



1100-463S

**Sontec Double Nylon Mallet**

Light-weight / 7 3/8" (18.7 cm) / 7 oz.

330-808



**Sontec Micro Mallet**

3/4" head diameter / 6 1/2" (16.5 cm)

330-817 stainless steel convex/flat combo 4 oz.

330-819 lead filled head no recoil 5.6 oz.



330-817

**Mead Mallet**

3/4" head diameter / 7 1/2" (19 cm) / 8 oz. head  
/ w/replacement nylon caps

330-814

**Replacement caps**

330-814R



330-814

**Brass Head Mallet**

7 3/4" (20 cm)

330-811



330-811

**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

**Cottle Mallet**

Convex flat combo / 7 1/2" (19.1 cm)

1100-461S stainless steel head



1100-461S



 Sontec Instruments®

Orthopedic OSTEOTOMES

**West Osteotome**

**Square handle**

330-708	4 mm	6 1/2" (16.5 cm)
330-708A	6 mm	7 1/2" (19 cm)



**Hand Surgery Osteotome**

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

1103-281	3/32" (2 mm)
1103-280	1/8" (3 mm)
1103-282	5/32" (4 mm)
1103-283	1/4" (6 mm)
1103-284	5/16" (8 mm)
1103-285	13/32" (10 mm)
1103-286	15/32" (12 mm)
1103-287	9/16" (14 mm)
1103-288	19/32" (15 mm)
1103-289	3/4" (19 mm)
1103-291	5/8" (16 mm)
1103-292	11/16" (18 mm)
1103-293	13/16" (20 mm)

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

1103-281C	3/32" (2 mm)
1103-280C	1/8" (3 mm)
1103-282C	5/32" (4 mm)
1103-283C	1/4" (6 mm)
1103-284C	5/16" (8 mm)
1103-285C	13/32" (10 mm)
1103-286C	15/32" (12 mm)
1103-287C	9/16" (14 mm)
1103-288C	19/32" (15 mm)
1103-289C	3/4" (19 mm)
1103-291C	5/8" (16 mm)
1103-292C	11/16" (18 mm)
1103-293C	13/16" (20 mm)



**Sheehan Osteotome**

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

330-882	2 mm
330-883	3 mm
330-884	4 mm
330-885	5 mm
330-886	6 mm
330-887	7 mm
330-888	8 mm
330-889	9 mm
330-890	10 mm
330-891	11 mm
330-892	12 mm
330-895	15 mm



**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)

**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)



**Stille Osteotome**

**Hexagonal handle / 8" (20.5 cm)**

330-730	13/32" (10 mm)
330-731	9/16" (14 mm)
330-732	23/32" (18 mm)
330-733	7/8" (22 mm)



**Hardt Micro Cartilage Osteotome Set (with bag)**

5 1/8" (13.25 cm)

330-799-SET includes:

- 330-801M 3/32" (2 mm)
- 330-802M 5/32" (4 mm)
- 330-803M 1/4" (6 mm)
- 330-804M 5/16" (8 mm)
- 330-805M 13/32" (10 mm)
- 330-806M 15/32" (12 mm)
- 330-807M 19/32" (15 mm)

6 3/4" (17 cm)

330-800M-SET includes:

- 330-790M 3/32" (2 mm)
- 330-791M 5/32" (4 mm)
- 330-792M 1/4" (6 mm)
- 330-793M 5/16" (8 mm)
- 330-794M 13/32" (10 mm)
- 330-795M 15/32" (12 mm)
- 330-796M 19/32" (15 mm)

330-799B Canvas Osteotome Bag

Hardt Osteotomes also available individually



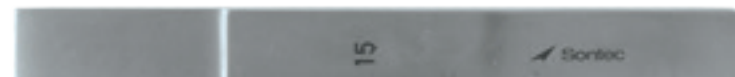
330-799B



330-800M



side view



330-796M



330-795M



330-794M



330-793M



330-792M



330-791M



330-790M

**Sontec-Cottle Osteotome Set**

Graduated markings / 7" (18 cm)

1100-479-SET set includes:

7 osteotomes and canvas bag  
2 mm, 3 mm, 4 mm, 6 mm, 8 mm, 10 mm, 12 mm

- 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
- 330-799B canvas bag



1100-479



1100-479A



1100-479B



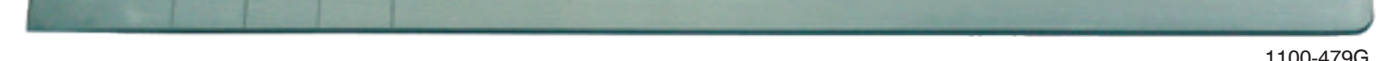
1100-479C



1100-479F



1100-479G



1100-479H

**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"

**Hibbs Osteotome**

**Straight / 9 1/2" (24 cm)**

330-550	1/4"
330-551	3/8"
330-552	1/2"
330-553	5/8"
330-554	3/4"
330-555	7/8"
330-556	1"
330-557	1 1/8"
330-558	1 1/4"
330-559	1 1/2"

**Curved / 9 1/2" (24 cm)**

330-570	1/4"
330-571	3/8"
330-572	1/2"
330-573	5/8"
330-574	3/4"
330-575	7/8"
330-576	1"
330-577	1 1/8"
330-578	1 1/4"
330-579	1 1/2"



330-572

**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

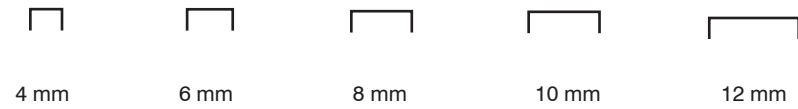
**Mini Lexer Osteotome**

Small handle / 7" (18 cm)

- 330-001 4 mm tip
- 330-002 6 mm tip
- 330-003 8 mm tip
- 330-004 10 mm tip
- 330-005 12 mm tip



330-004



**Lexer Osteotome**

Large handle / 8 3/4" (22.5 cm)

- 330-010 7 mm tip
- 330-011 10 mm tip
- 330-012 15 mm tip
- 330-013 20 mm tip
- 330-014 25 mm tip
- 330-015 30 mm tip



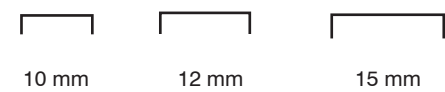
330-011



**Lexer Osteotome**

Large handle / 12" (30.5 cm)

- 330-016 10 mm tip
- 330-017 12 mm tip
- 330-018 15 mm tip



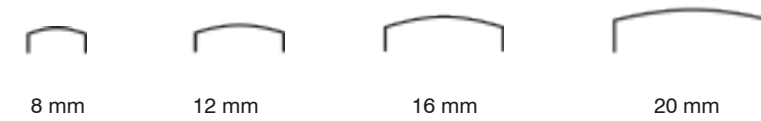
**Obwegeser Split Osteotome**

8 3/4" (22.5 cm)

- 330-120 8 mm tip
- 330-125 12 mm tip
- 330-130 16 mm tip
- 330-135 20 mm tip



330-125



**Obwegeser Wedge Osteotome**

8 3/4" (22.5 cm)

- 330-100 8 mm tip
- 330-105 12 mm tip
- 330-110 16 mm tip



330-100





 Sontec Instruments®

Orthopedic PIN-PULLERS, DRIVERS & BENDERS

**Pin Bender Double-Ended**

Bends K-wire / 4 1/2" (11.5 cm)

- 1106-196 1.6 mm tip / 2.0 mm tip
- 1106-198 0.8 mm tip / 1.25 mm tip



1106-196



1106-198

**Pin Bender Double-Ended**

Bends K-wire / 0.9 mm (0.035") / 1.6 mm (0.062") / 1.1 mm (0.045") / 1.4 mm (0.054") / 4 1/2" (11.5 cm)

1106-206

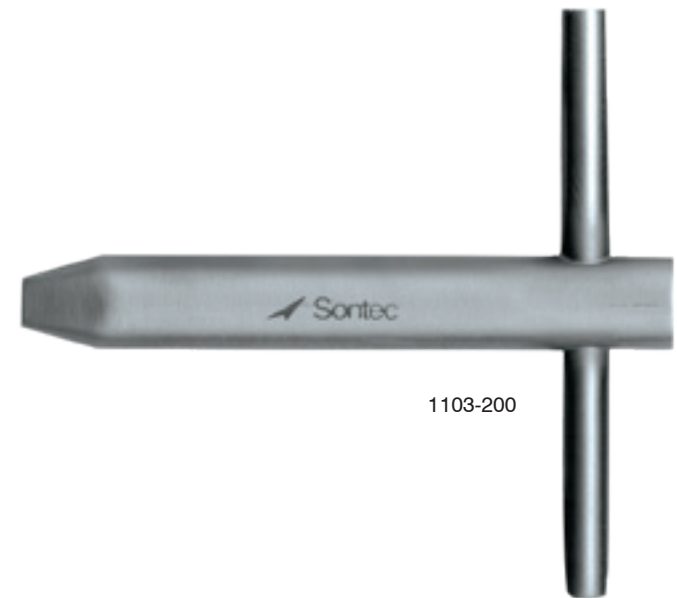


1106-206

**Piermattei Pin Bender / Driver**

3 1/2" (9 cm)

1103-200



1103-200

**Pin Driver & Bone Tamp**

Single-ended flat tip with 1 mm raised circular lip / 3 1/2" (9 cm) in length

- 1103-2011 1.5 mm tip
- 1103-201A 2 mm tip
- 1103-201B 3 mm tip
- 1103-201C 4 mm tip
- 1103-201D 5 mm tip
- 1103-201E 6 mm tip
- 1103-201F 8 mm tip
- 1103-201G 10 mm tip



1103-2011



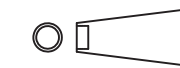
1103-201B



1103-201C



1103-201D



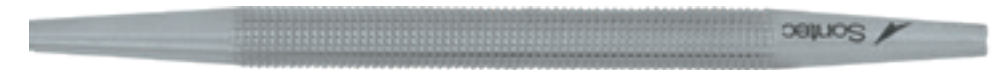
1103-201A



**Sontec Pin Driver / Bender**

Bends K-wire and pins

- 1103-201 2 mm / 2.3 mm 5" (13 cm)
- 1106-199 2 mm / 3.2 mm 6" (15.5 cm)



1103-201



1106-199

**Peterson Fully Cannulated Pin Bender**

Double-ended with concave tips / specially cannulated through entire length for better leverage

- 1103-201J 2 mm tip / 2.3 mm tip 5" (13 cm)
- 1103-201H 2 mm tip / 3.2 mm tip 5 3/4" (14 cm)



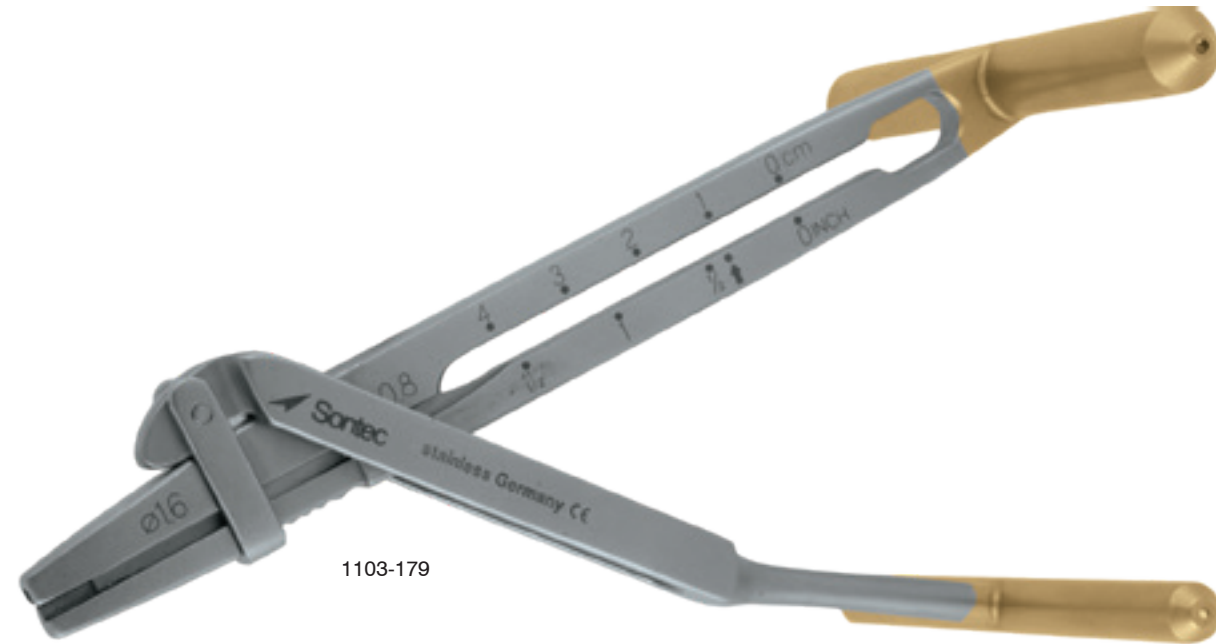
1103-201J



1103-201H

**Vickers Easy Driver / Bender / Puller**

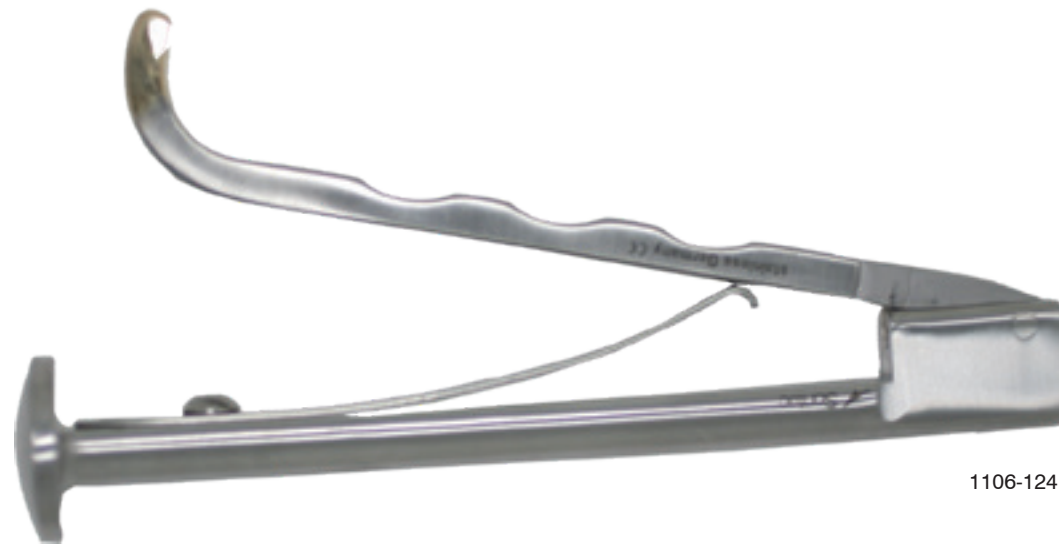
To drive, bend & pull K-wire / 5 1/2" (14 cm)  
1103-179



1103-179

**Steinman Pin Puller**

Pulls pins from 1/8" (3.2 mm)  
/ 5 1/2" (14 cm)  
1106-124



1106-124

**Pin Puller / Side Cutter**

Cuts wire up to 1.6 mm  
1103-125 4 1/2" (11.5 cm)  
1103-126 6 1/2" (16.5 cm)  
1103-127 7 1/4" (18.5 cm)  
1103-127A 7 1/2" (19 cm) without side cutter



1103-125



1103-127

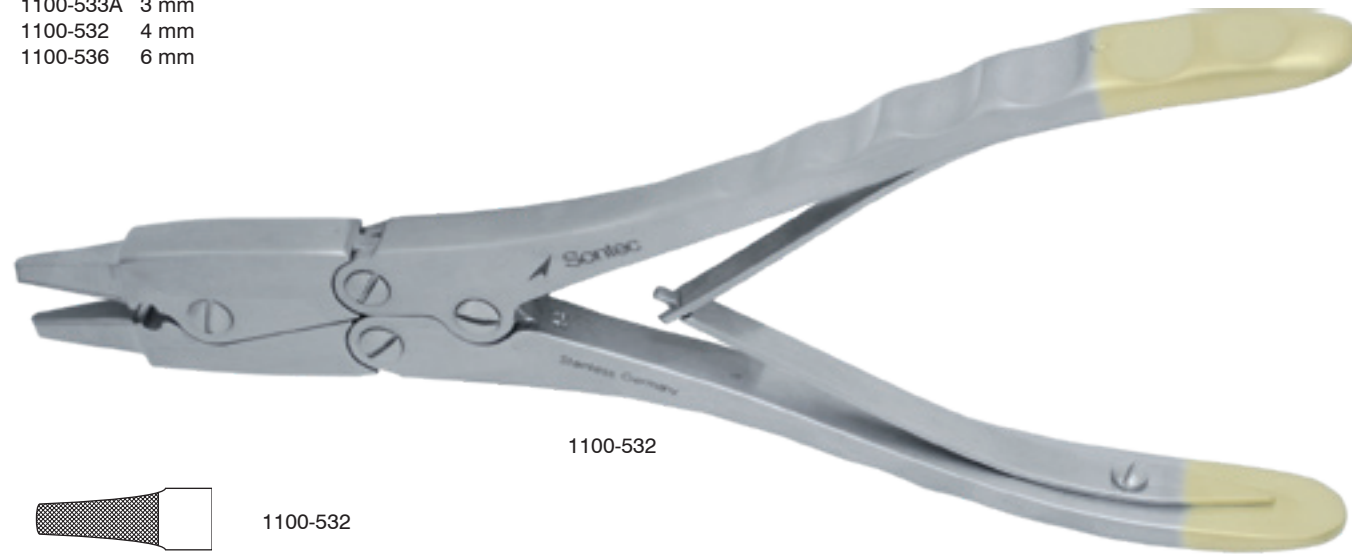


1103-127A

**Pin Pulling Double Action Pliers**

TC serrated / double-action / 7" (18 cm)

- 1100-533 2 mm
- 1100-533A 3 mm
- 1100-532 4 mm
- 1100-536 6 mm



1100-532



1100-532

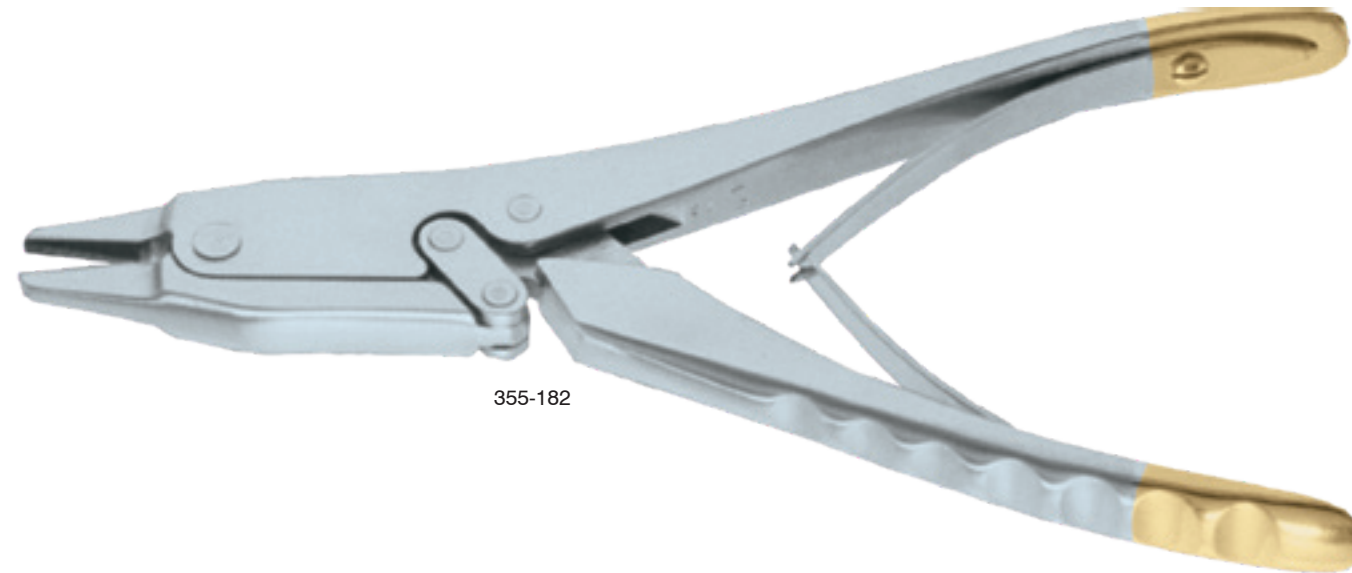


1100-536

**HERCULES® GRIP Pin Puller**

Over 40% less power required / 7" (18 cm)

- 355-182 3 mm
- 355-183 6 mm



355-182

**Pin Puller**

Grooved serrated jaws / with adjustable screw

- 1103-122 5 1/2"
- 1103-123 7"



1103-122



1103-123

**Aderer Wire Bending Pliers**

5 3/4" (14.5 cm)

1103-120



1103-120

**Waldsachs Universal Pin Bender Pliers**

6" (15 cm)

1103-138  
1103-1381 TC



1103-138

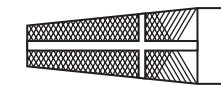


1103-1381

**Wire Extraction Pliers**

7" (18 cm)

1106-130	cross-serrated	6 mm	grooved jaw
1106-131	cross-serrated	3 mm	
1106-132	serrated	3 mm	

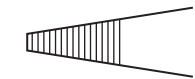


1106-130

1106-130



1106-131

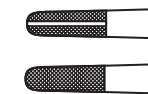


1106-132

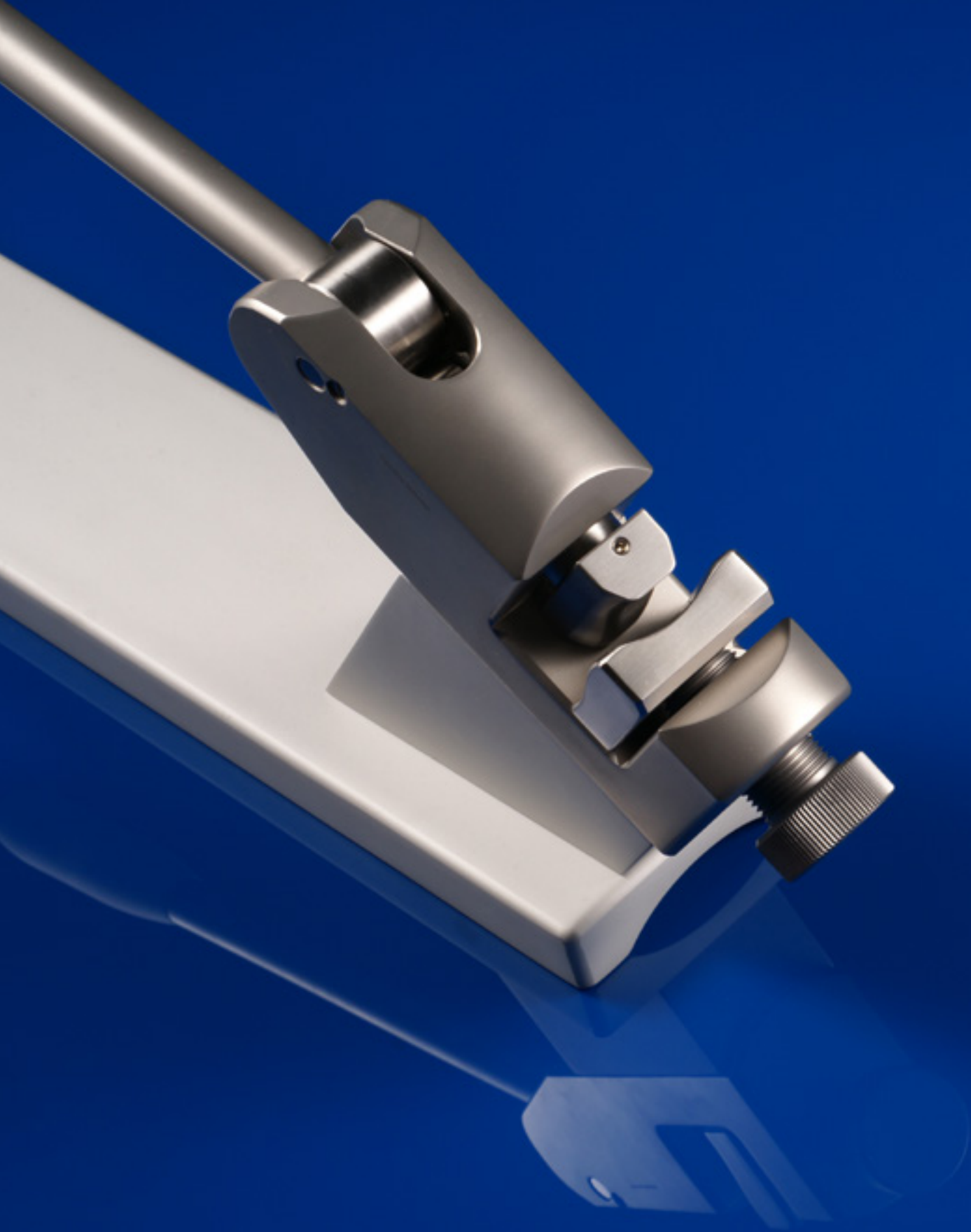
**Pin Pulling Pliers**

TC / one grooved jaw / 3 mm  
tip / 5 1/2" (14 cm)

1106-140



1106-140



 Sontec Instruments®

Orthopedic PLATE BENDERS & BENDING IRONS

**Plate Bending Table Top Press**

Bends plates up to 6 mm / rotatable anvil / 17" (43 cm) in length  
1106-185



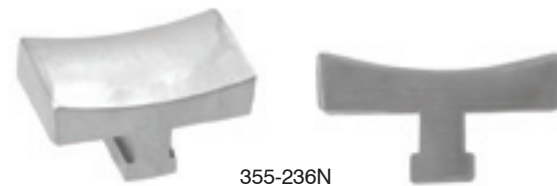
1106-185

**AO Type Bending Pliers Set**

For straight plates / with 2 anvils / 10" (25.4 cm)  
/ comes with 355-236N & 355-236B  
355-236-SET

**Plates for Bending Pliers**

- 355-236A for small plates
- 355-236B for broad plates
- 355-236N for narrow plates



355-236N



355-236

**Whale Nose Plate Bending Pliers**

Bends small plates up to 2.7 mm / 7 3/4" (19.5 cm)  
355-230  
  
Bends large plates up to 3.5 mm / 9 1/2" (24 cm)  
355-235



355-230

**Lateral Plate Bending Pliers**

Bends 2.7 mm x 3.5 mm / contours plates /  
10 1/4 (26 cm)  
355-245



355-245



 Sontec Instruments®

Orthopedic SCREWDRIVERS

**Hexagonal Screw Driver**

**Screw drivers / phenolic handle**

1106-261	2.5 mm	7" (18cm)
1106-263	3.5 mm	7" (18 cm)
1106-270	2.5 mm	7 3/4" (20 cm)
1106-260	2.5 mm	9" (23 cm)
1106-262	3.5 mm	9" (23 cm)
1106-271	2.5 mm	9" (23 cm)

**Universal screw driver sleeve**

1106-270S



1106-270



1106-270S



sleeve and screw drivers sold seperatly

**Phenolic handle / 10 1/2" (27 cm)**

1106-257	2.5mm	screw driver w/ sleeve
1106-258	2.5mm	screw driver
1106-259		sleeve



1106-258



1106-259



1106-257

**A.O. Type Universal Screw Driver**

**Screw drivers / 5" (13 cm)**

1106-280	AO type tap handle
1106-281	AO type tap handle swivel

**Screw driver shaft**

1106-283	1.5 mm
1106-285	2.5 mm
1106-284	3.5 mm



1106-281



1106-285



1106-281 with 2.5mm shaft and universal sleeve

**Lubra® Screw Driver**

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

- 1106-965 flat head
- 1106-967 hex head

**Phenolic handle / 10" (25 cm)**

- 1106-264 single slot
- 1106-266 cruciform
- 1106-268 phillips

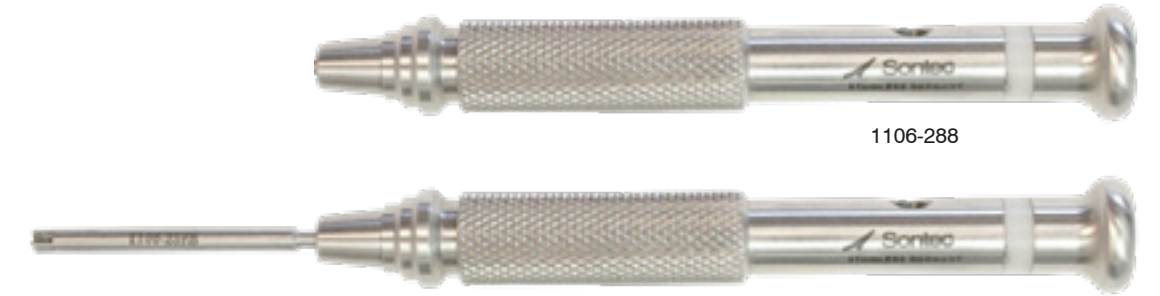


1106-965

**AO Type Universal Screwdriver Set**

1106-2881 Set includes:

- |           |  |                |
|-----------|--|----------------|
| 1106-288  | AO type tap handle swivel                | 4 1/4" (11 cm) |
| 1106-289A | 1.5mm hex screwdriver shaft              | 2" (5 cm)      |
| 1106-289B | 1.5mm cruciform hex screwdriver shaft    | 2" (5 cm)      |
| 1106-289C | universal sleeve mini screwdriver shafts | 1.5 mm         |



1106-288

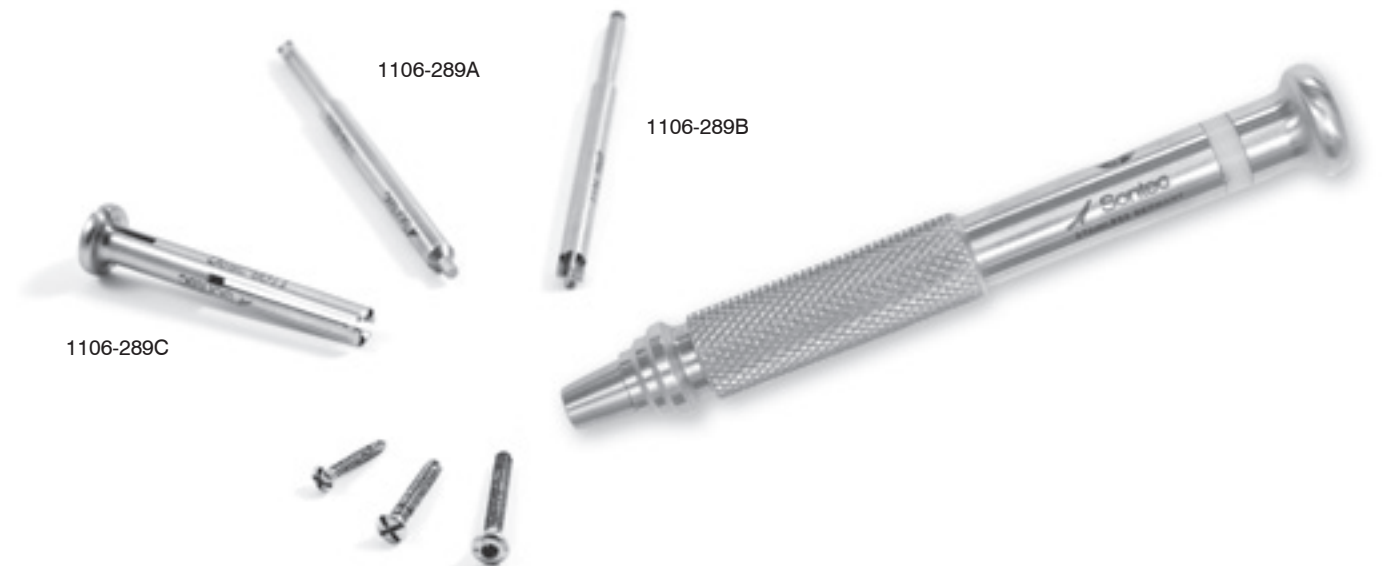
sleeve and screw drivers sold separately



1106-289C

1106-289A

1106-289B



1106-289A

1106-289B

1106-289C



 Sontec Instruments®

Orthopedic WIRE PASSERS

**Sontec Single End Wire Passer**

Phenolic handle / 45 mm / 9" (22 cm)

1103-166

70 mm / 10 1/2" (27 cm)

1103-166X

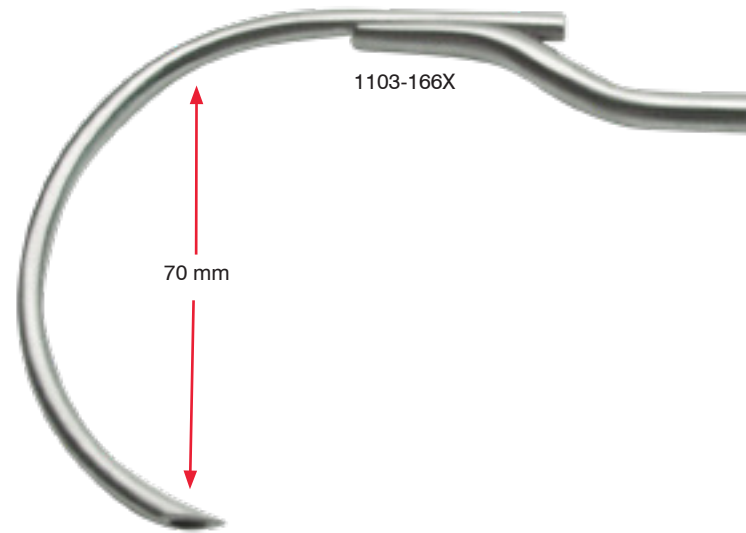
45 mm / 8 3/8" (21.5 cm)

1103-167

Phenolic handle / with thick tubing wall /

9" (23 cm)

1103-165



**Herbst-Doolen Wire Passer**

Double-ended / small / medium / 5 1/2" (14 cm) / for 20-26 gauge wire

1103-841



**Herbst Wire Passer**

Double-ended / 5 1/2" (14 cm) / for 18-26 gauge wire

1103-160



**Avian Mini Wire Passer**

For 22-26 gauge wire

1103-848 single ended 22 gauge 4 1/2"

1103-848S single ended 26 gauge 4 1/2"

1103-847 double ended 22-26 gauge 5"





 Sontec Instruments®

Orthopedic WIRE PIN CUTTERS

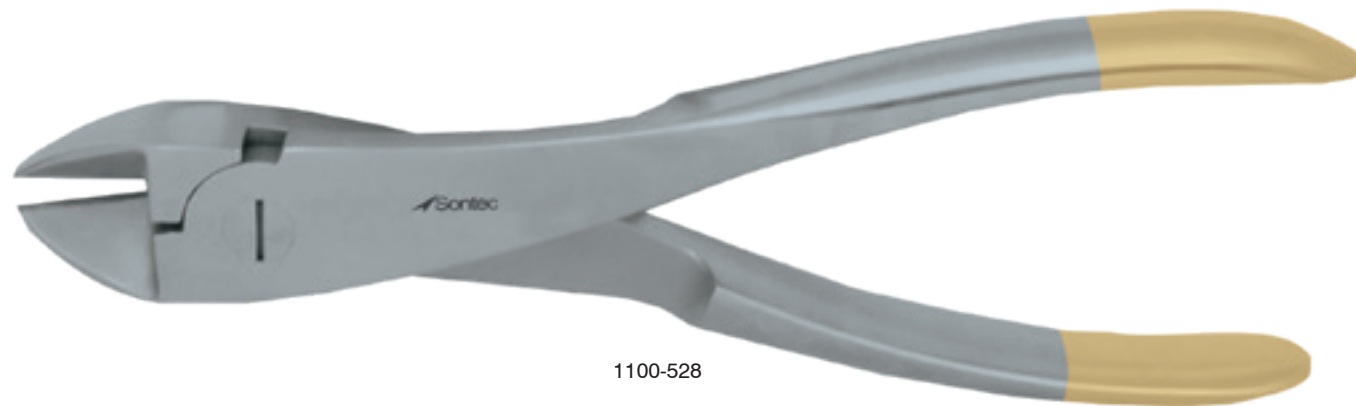
**Wire Side Cutter**

**TC**

1103-115	5 3/4" (14.5 cm)	cuts wire up to 1.0 mm
1100-528	7 1/2" (19 cm)	cuts wire up to 1.6 mm
1100-528D	8" (20 cm) Deluxe	cuts wire up to 1.6 mm



1103-115



1100-528

**End Pin Cutter**

**Cannulated / cuts pins up to 1.6 mm / single action / 7 1/2" (19 cm)**

1103-109  
1103-108 TC

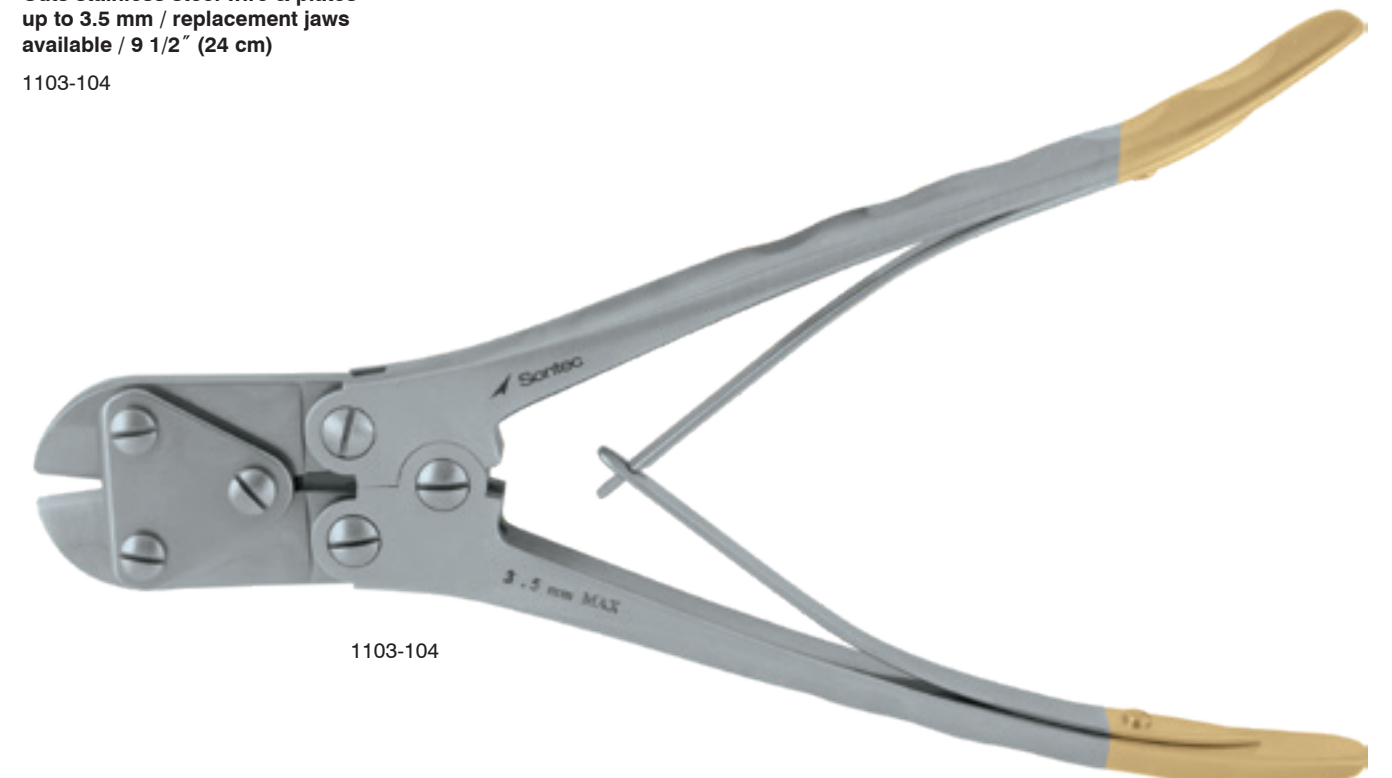


1103-109

**Large Plate & Pin Cutter**

**Cuts stainless steel wire & plates up to 3.5 mm / replacement jaws available / 9 1/2" (24 cm)**

1103-104



1103-104

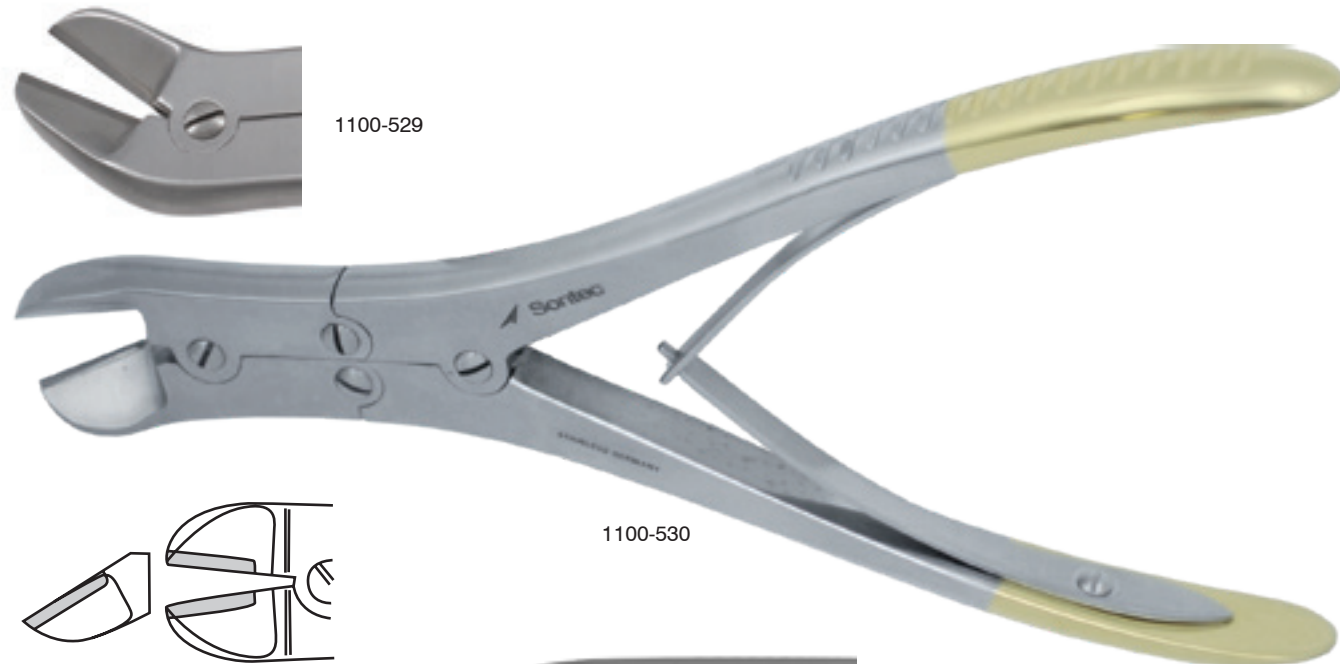
**Double Action Wire Cutter**

Angled to the side / TC

1100-529 7 1/4" (18 cm)

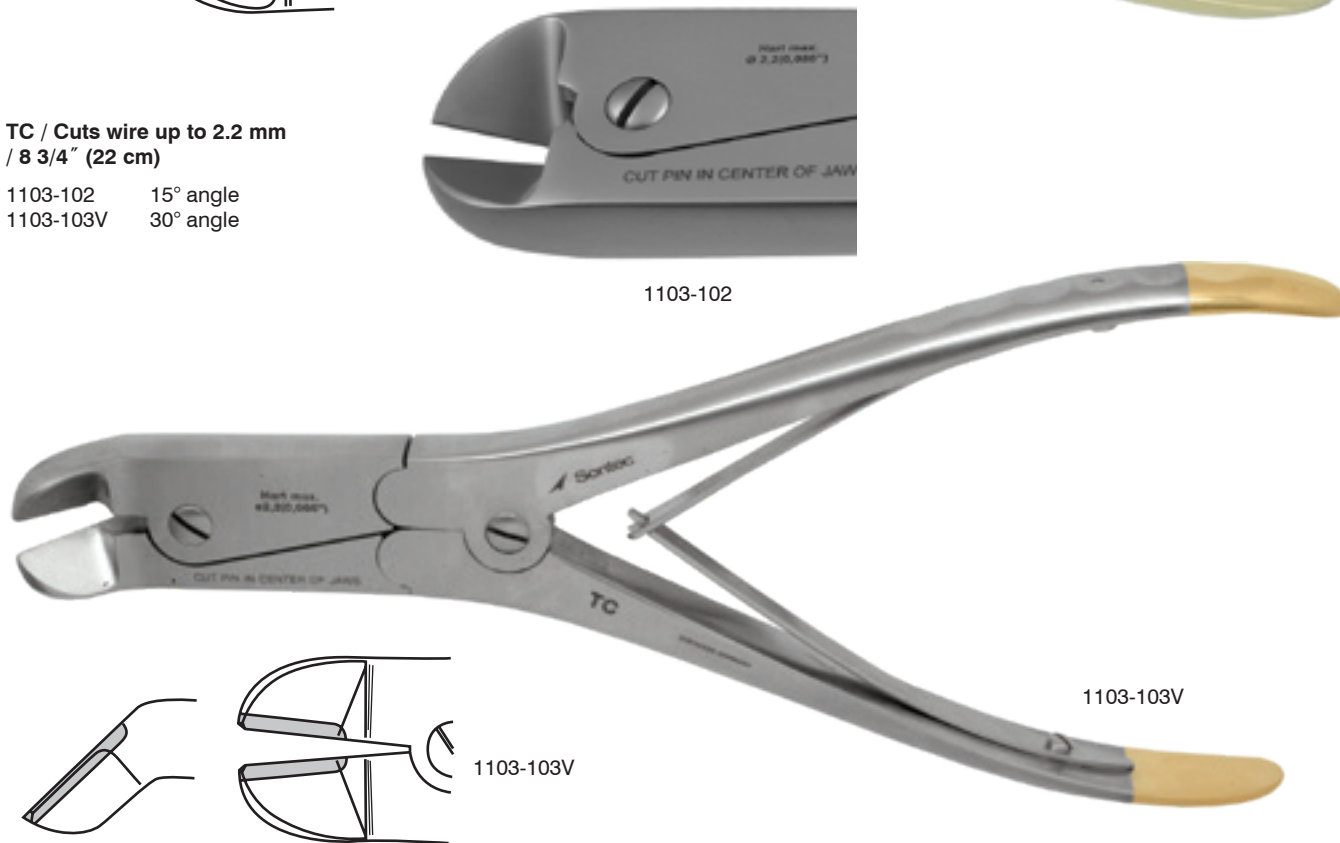
Cuts wire up to 1.6 mm / TC

1100-530 7" (18 cm)



TC / Cuts wire up to 2.2 mm / 8 3/4" (22 cm)

1103-102 15° angle  
1103-103V 30° angle



**Wire End Cutter**

TC / double-action / cuts wire up to 1.5 mm / 6 1/4" (16 cm)

1103-105 mini

TC / double-action / Cuts wire up to 2.5 mm / 8 1/2" (21.5 cm)

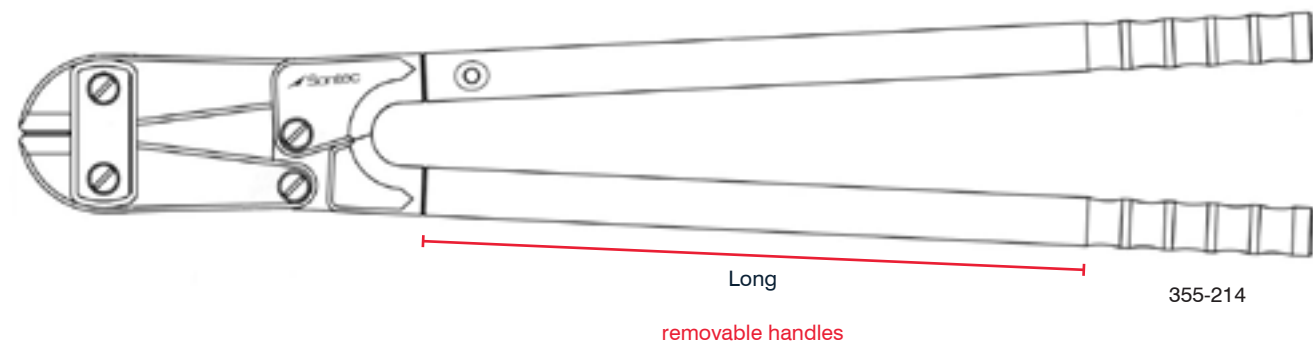
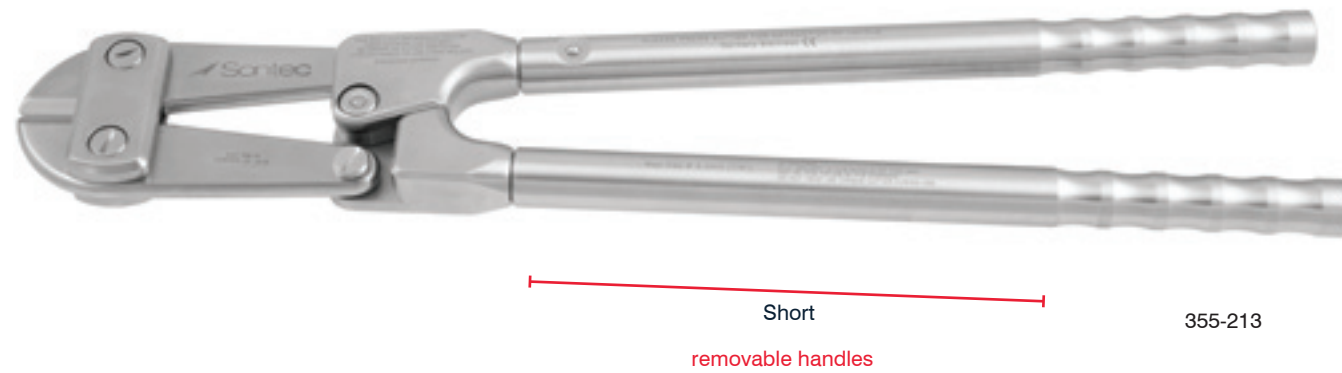
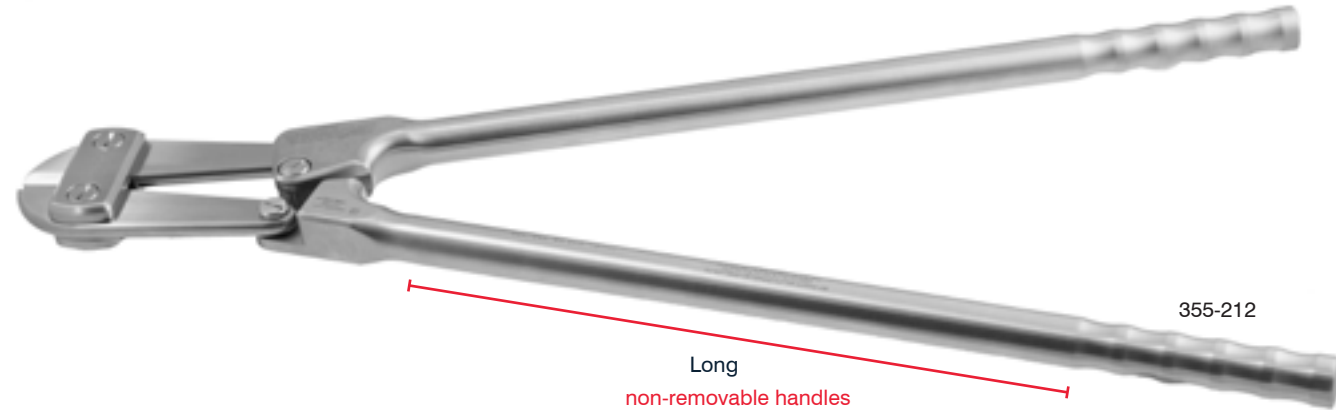
1103-100 extra large



**Large Pin / Bolt Cutter**

Cuts pins up to 6.3 mm / replaceable jaws

355-212	non-removable handles	22 1/2"
355-213	compact removable handles	18 1/2"
355-214	removable handles	22 1/2"



**Sontec Pin Cutter**

With TC inserts / max cap ø 4 mm / 15" (38 cm)

355-209



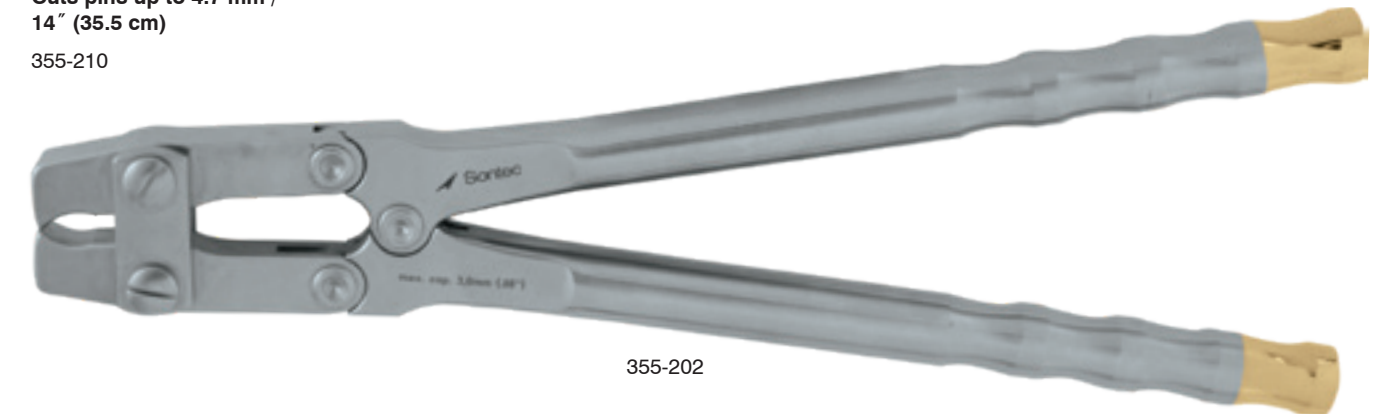
**Pin End Cutter**

Cuts pins up to 3 mm / 10" (25 cm)

355-202

Cuts pins up to 4.7 mm / 14" (35.5 cm)

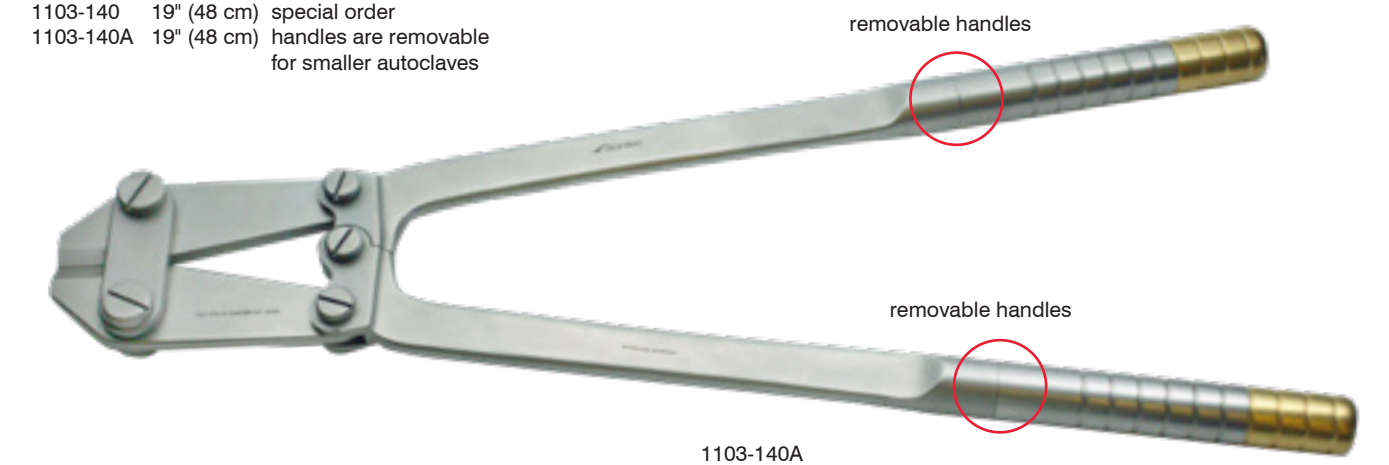
355-210



**TC Pin Cutter**

Cuts pins up to 6.0 mm / replaceable jaws

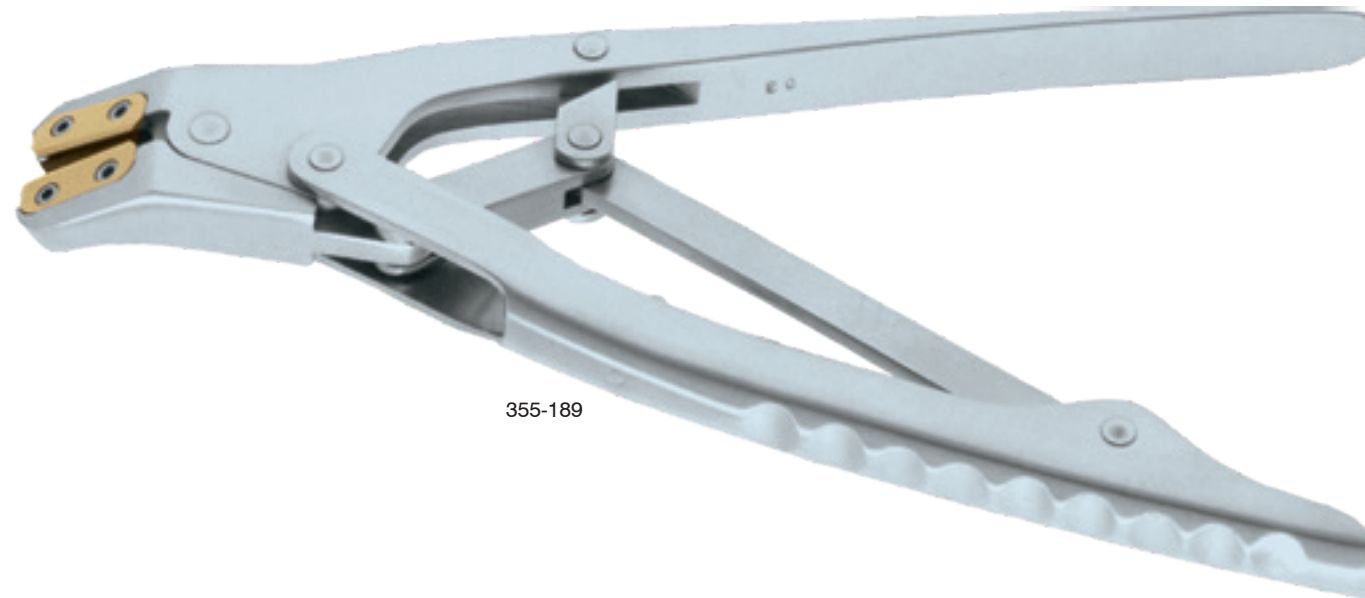
1103-140	19" (48 cm)	special order
1103-140A	19" (48 cm)	handles are removable for smaller autoclaves



**GOLD-CUT HERCULES® Pin Cutter**

Cuts pins up to 3 mm / exchangeable TC blades / over 40% less power required / exchangeable rubber jaws / fully sterilizable / 9" (23 cm)

- 355-189 wire cutter
- 355-190 TC Blades Replacement Set
- 355-193 Rubber Jaws Replacement Set

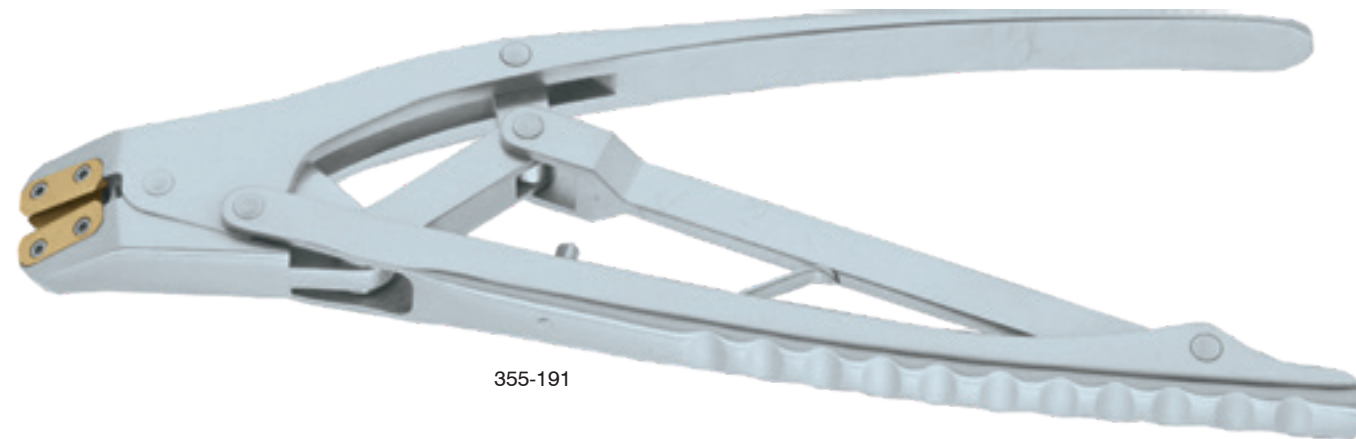


355-189

**The Big GOLD-CUT HERCULES® Pin Cutter**

Cuts pins 2.5 mm - 4.0 mm / exchangeable TC Blades / over 40% less power required / exchangeable rubber jaws / fully sterilizable / 11" (28 cm)

- 355-191 wire cutter
- 355-192 TC Blades Replacement Set
- 355-193 Rubber Jaws Replacement Set

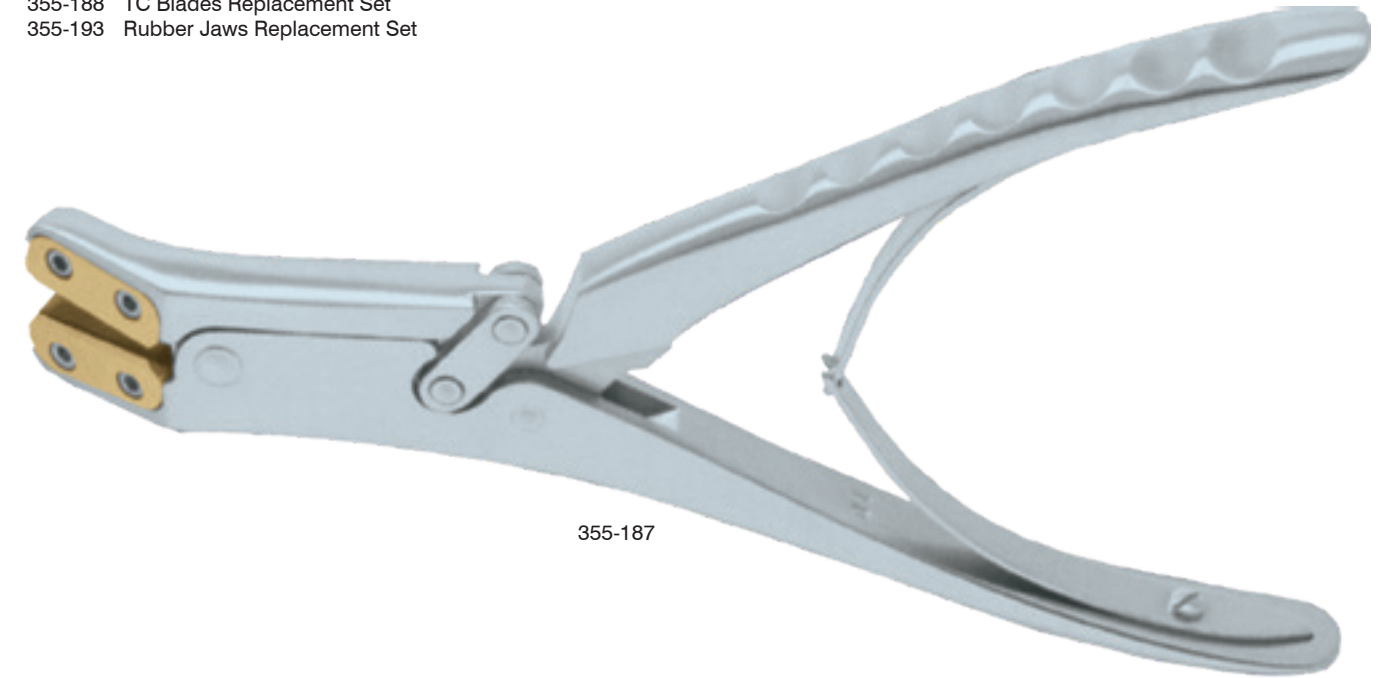


355-191

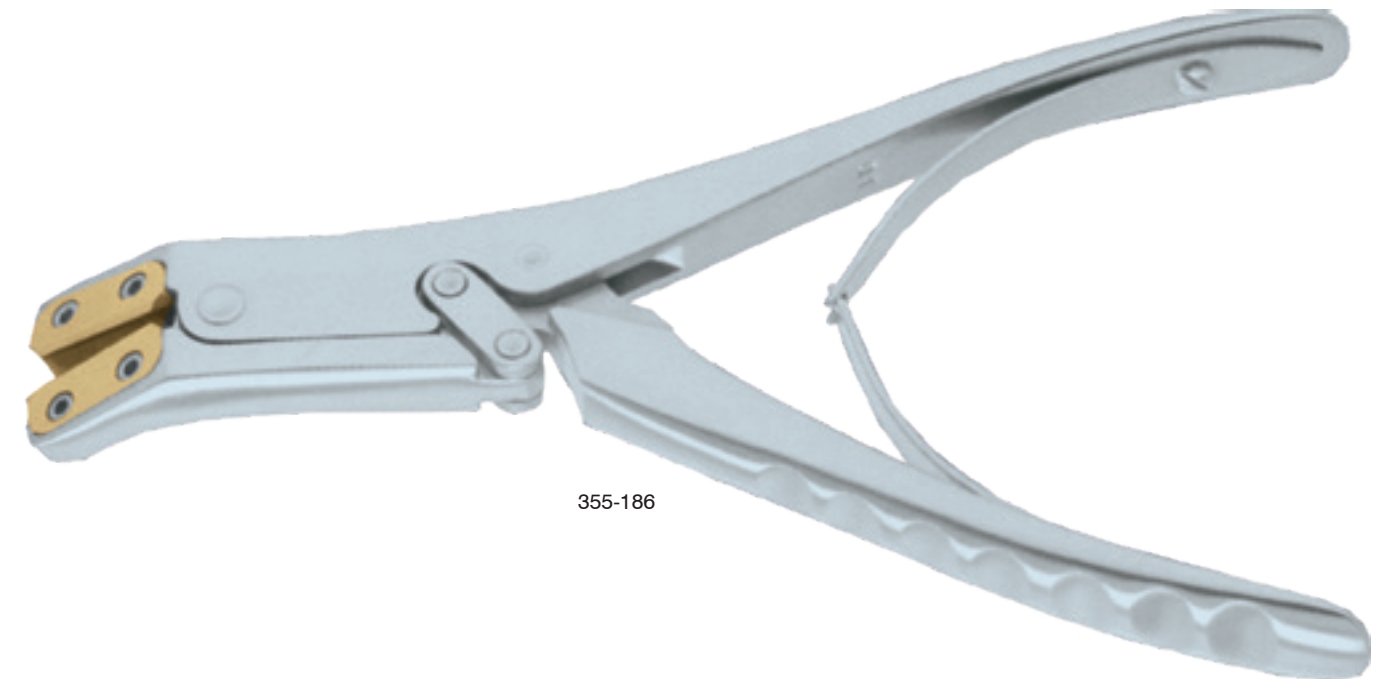
**Baby GOLD-CUT HERCULES® Pin Cutter**

Cuts pins up to 2.2 mm / exchangeable TC blades / over 40% less power required / exchangeable rubber jaws / fully sterilizable / 7" (18 cm)

- 355-187 left-handed
- 355-186 right-handed
- 355-188 TC Blades Replacement Set
- 355-193 Rubber Jaws Replacement Set



355-187



355-186

**Double Action Wire Cutter**

Cuts wire up to 1.6 mm / TC / 6 1/4" (16 cm)  
1100-530A



1100-530A

**Micro Double Action Wire Cutter**

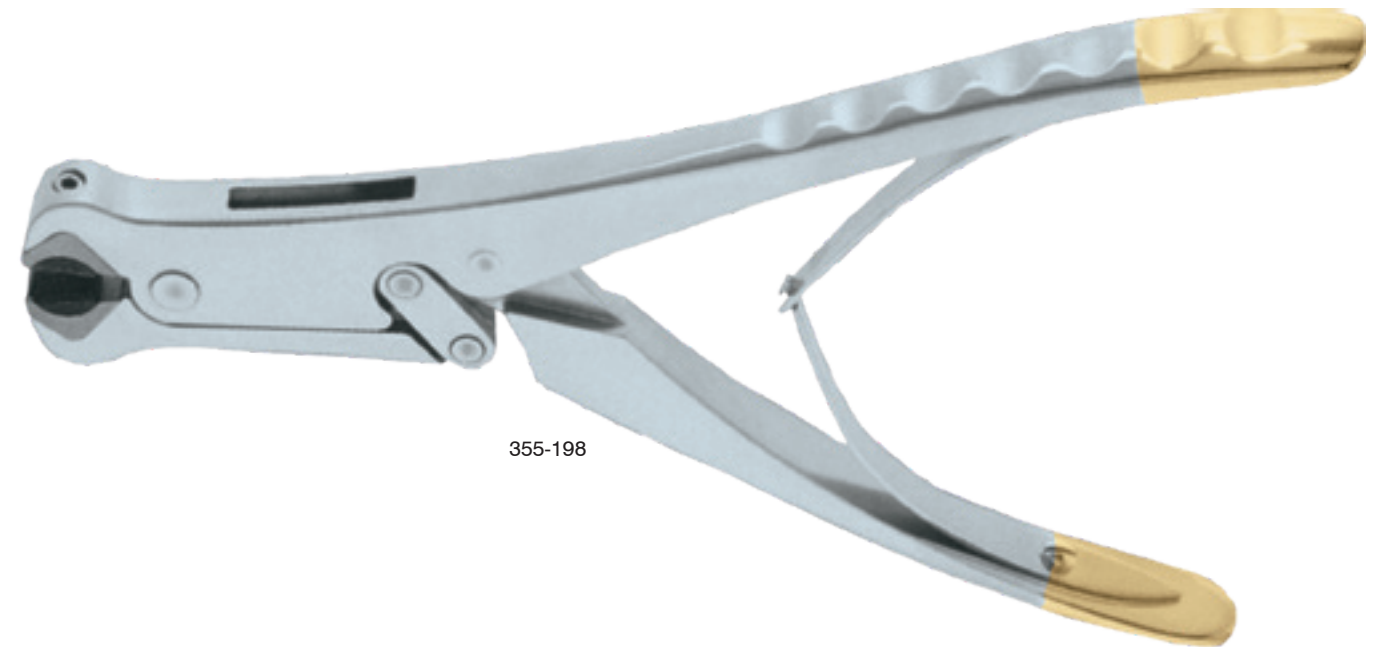
Cuts wire up to 1.6 mm / TC / 6 1/2" (16.5 cm)  
1100-531



**GOLD-CUT HERCULES® Front & Side Pin Cutter**

Cuts pins up to 1.6 mm / over 40% less power required / exchangeable TC blades with integrated rubber jaws / fully sterilizable / 7" (18 cm)

355-198 front & side cutter  
355-199 TC inserts with Rubber Jaws Replacement Set



355-198

**Rod Cutter**

Cuts rods Ø2.5 mm, Ø3.0 mm,  
Ø3.5 mm / 11 1/2" (29.2 cm)

355-207



355-207

**Rod Flush Cutter**

With removable handle / cuts rods Ø4.5  
mm, Ø5.5 mm, Ø6.35 mm / 22" (57 cm)

355-211



355-211

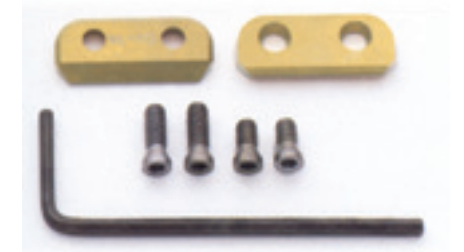


**TC Blades Replacement Set For Hercules Wire Cutter**

1 pair of TC blades / 1 pair of screws / 1 allen wrench

355-190 for 355-189

355-192 for 355-191



**TC Inserts with Rubber Jaws Replacement Set for Hercules Front & Side Cutter**

1 pair of TC inserts with rubber jaws / 1 pair of screws / 1 allen wrench

355-199 for 355-198





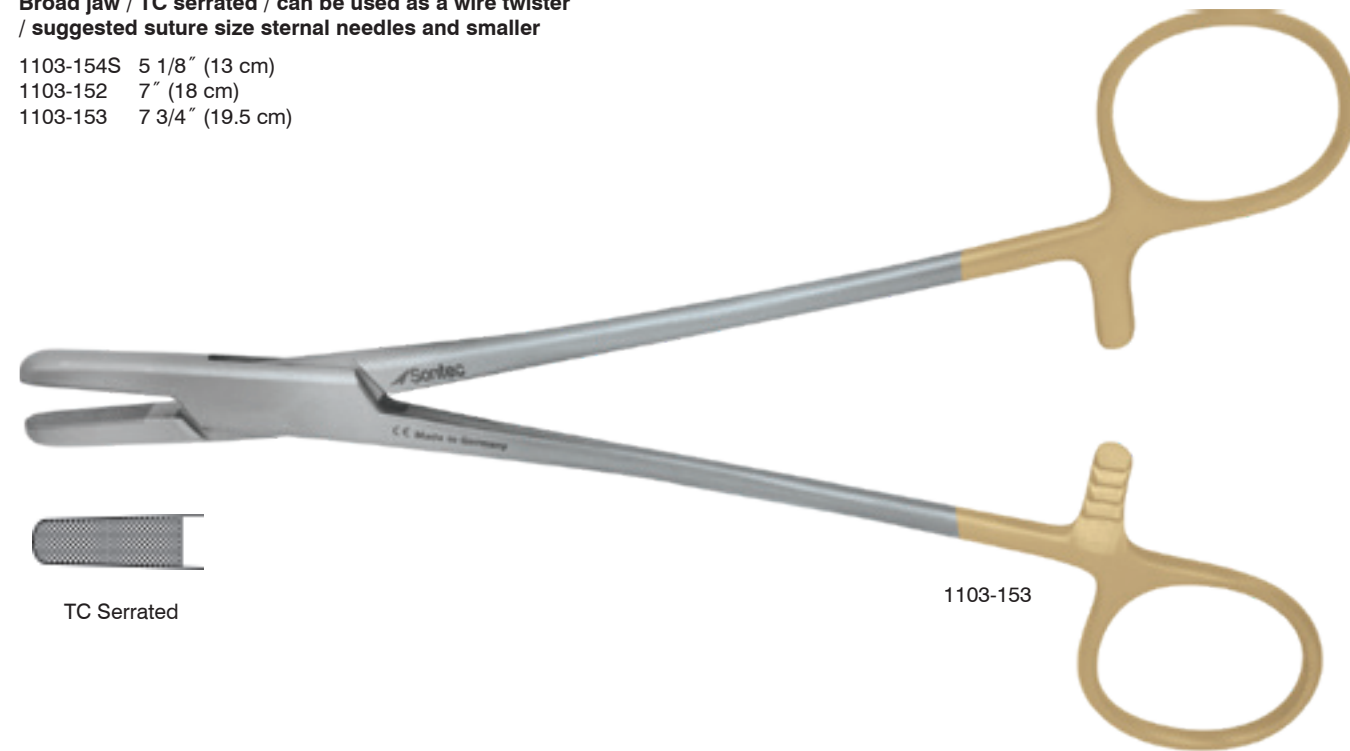
 Sontec Instruments®

Orthopedic WIRE TWISTERS

**Sternal Wire Twister Needle Holder**

Broad jaw / TC serrated / can be used as a wire twister / suggested suture size sternal needles and smaller

- 1103-154S 5 1/8" (13 cm)
- 1103-152 7" (18 cm)
- 1103-153 7 3/4" (19.5 cm)



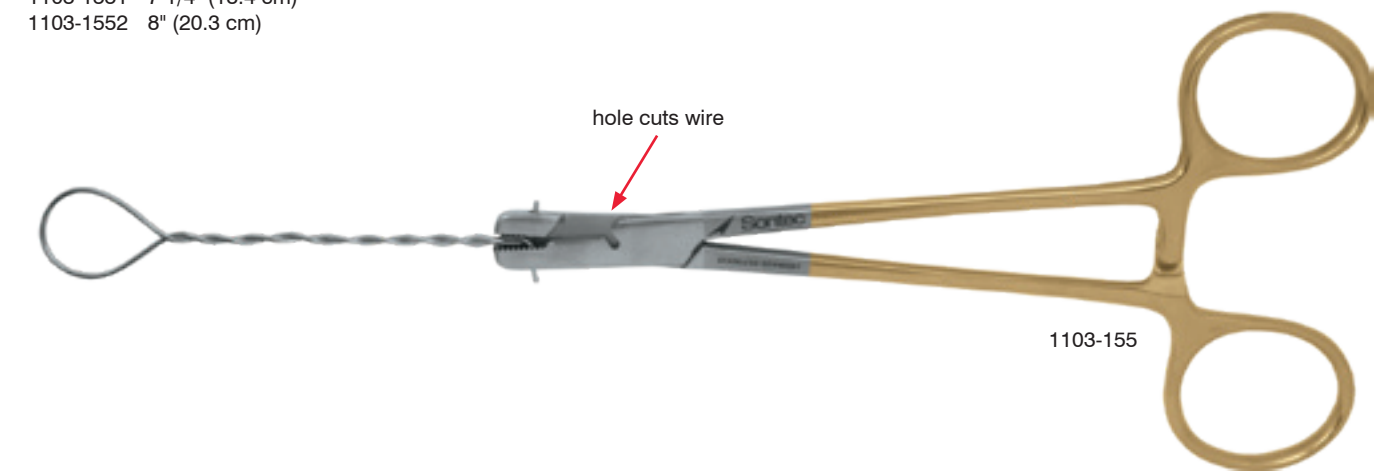
**Axel Wire Twister**

Needle holder style / with hole / 6 3/4" (17 cm)

1103-155

Rounded jaw / with hole / heavy duty XXL

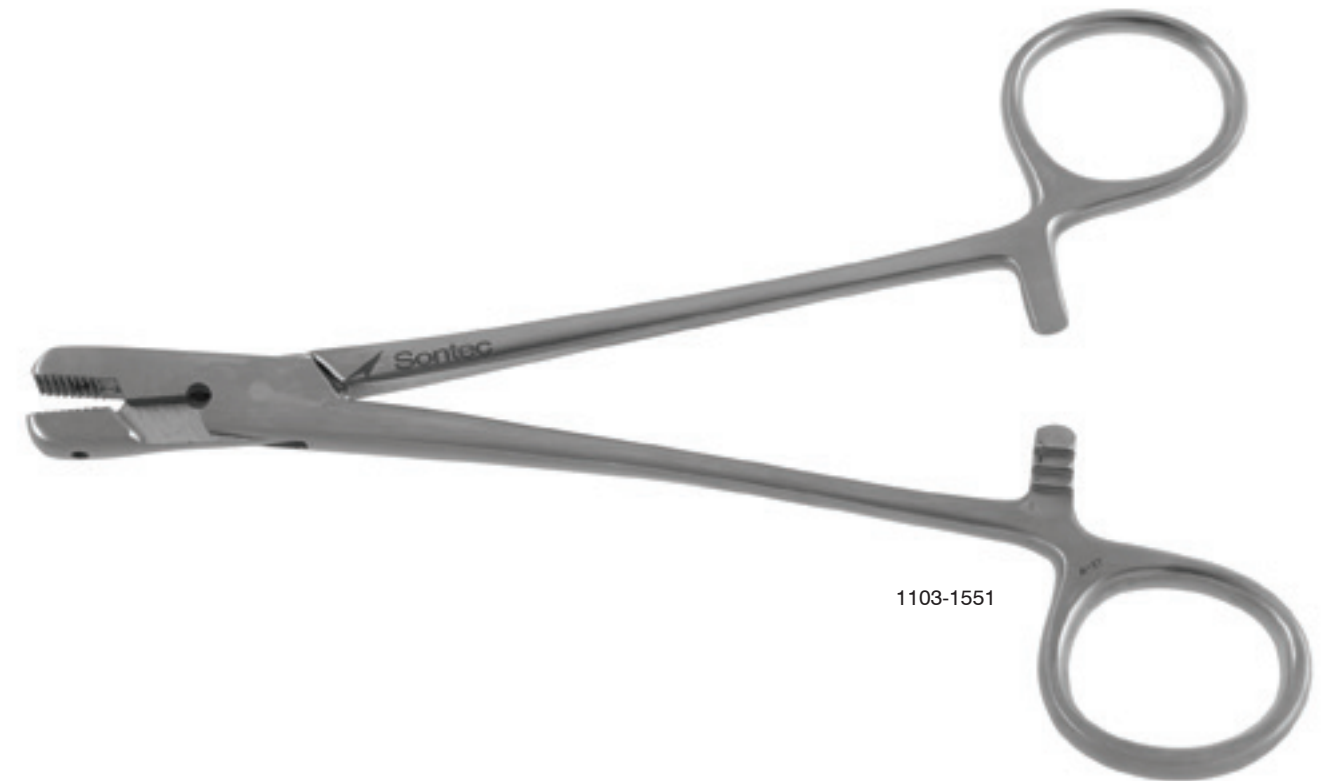
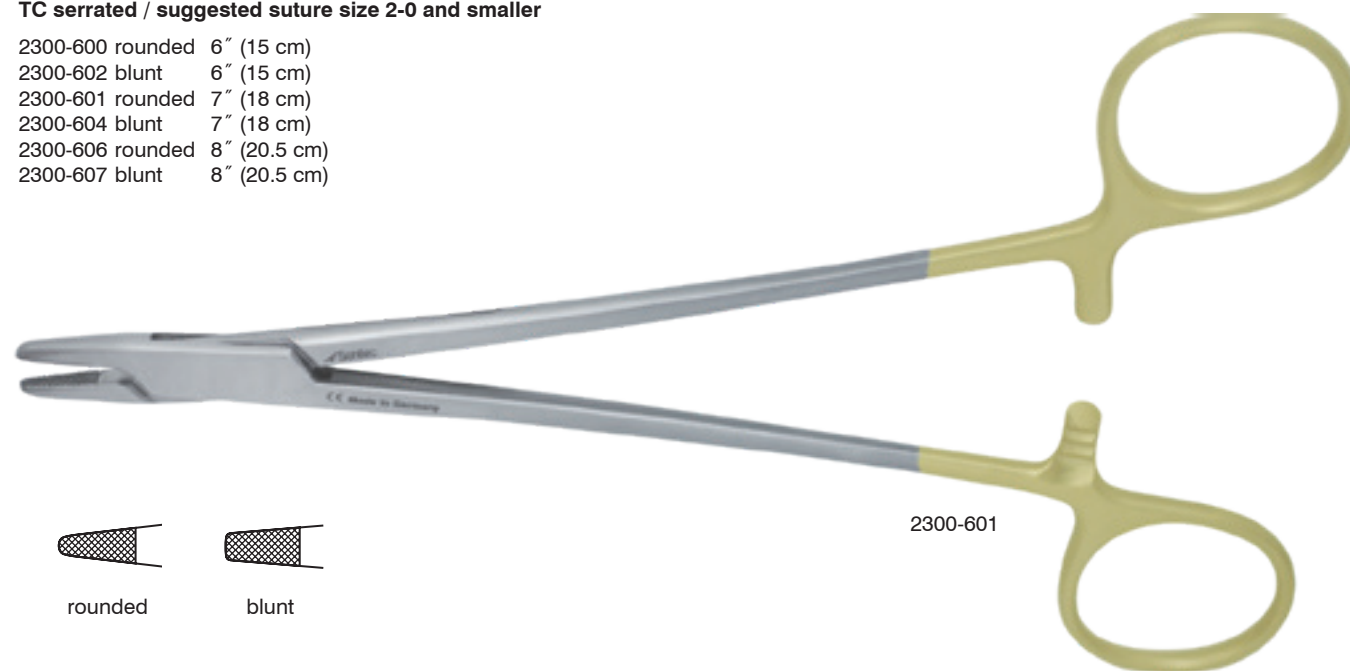
- 1103-1551 7 1/4" (18.4 cm)
- 1103-1552 8" (20.3 cm)



**New Orleans Wire Twister Needle Holder**

TC serrated / suggested suture size 2-0 and smaller

- 2300-600 rounded 6" (15 cm)
- 2300-602 blunt 6" (15 cm)
- 2300-601 rounded 7" (18 cm)
- 2300-604 blunt 7" (18 cm)
- 2300-606 rounded 8" (20.5 cm)
- 2300-607 blunt 8" (20.5 cm)



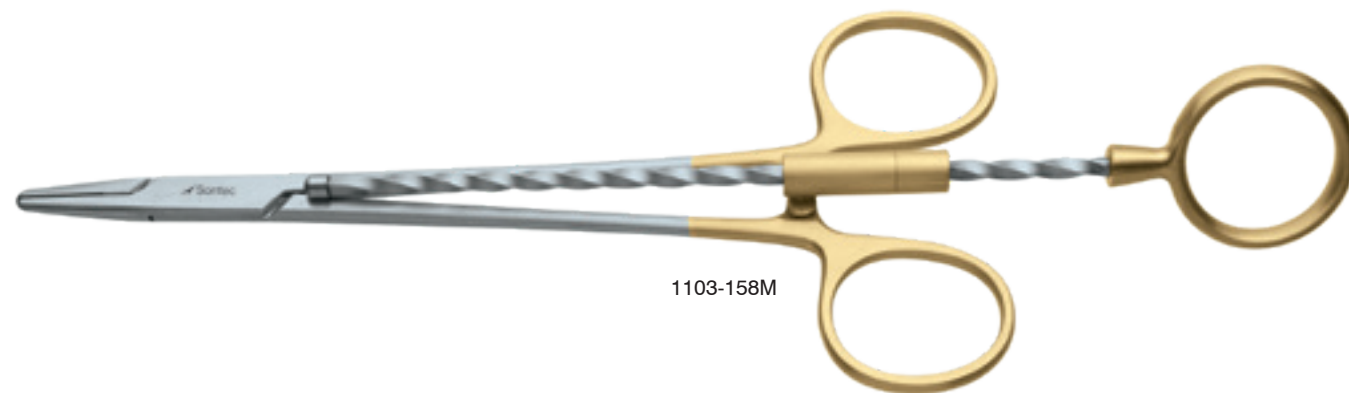
**Wire Twister**

Needle holder style / with hole / 7" (18 cm)  
1103-150



**Mini Jet Wire Twister Needle Holder**

Mayo needle holder style / TC serrated / 6 1/2" (16.5 cm)  
1103-158M



**TC Jet Wire Twister Corkscrew Design Heavy Needle Holder**

Broad jaw / 7" (17.8 cm)  
1103-152A



**Cerclage Torpedo Type Wire Twister**

Stainless / 5" (12.5 cm)  
1100-496



**Bio-Met Wire Twister**

Aluminum handle / 6" (15 cm)  
1103-158B



1103-158B

**Bio-Met Type Wire Twister**

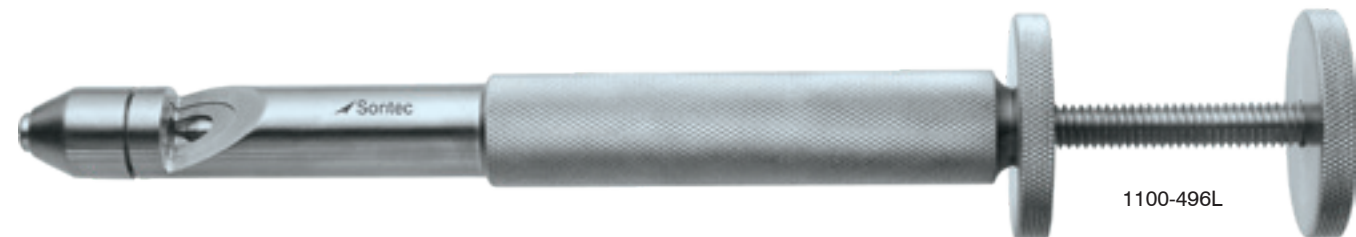
6" (15 cm)  
1103-171



1103-171

**Loute Wire Twister**

Stainless / precise adjustment capabilities / 8 1/2" (22 cm)  
1100-496L



1100-496L

**Jet Wire Twister**

Automatic / 8" (20 cm) / with cutter  
1103-158



1103-158

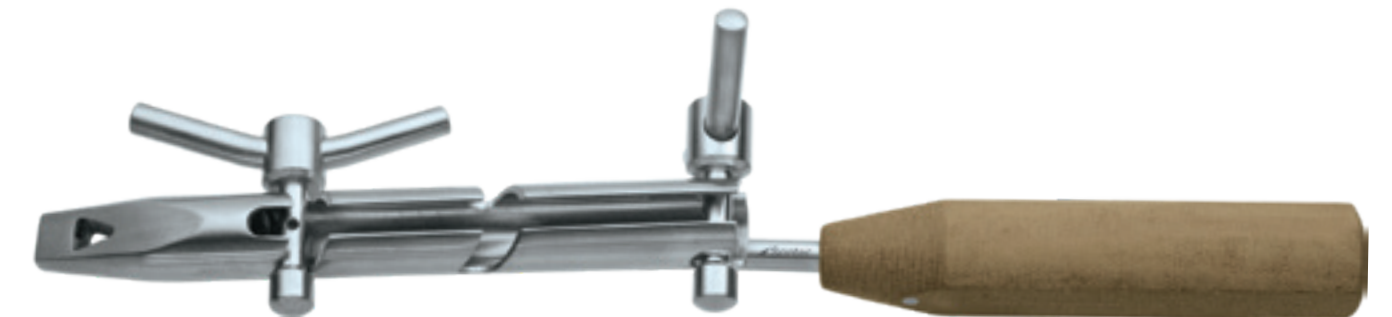
Spring loaded with ratchet / 11" (28 cm)  
/ without cutter  
1103-158S



1103-158S

**Cerclage Double Torpedo Type Wire Twister**

Stainless / phenolic handle / 9 3/4" (25 cm)  
1100-496D

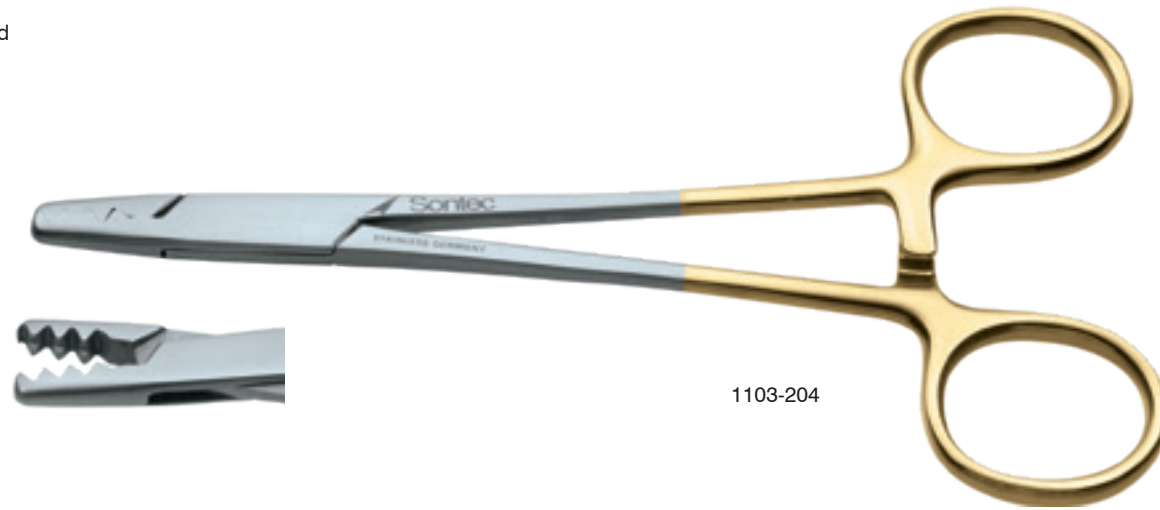


1100-496D



**CSU Meniscus Clamp**

5 3/4" (14.5 cm)  
 1103-204 str  
 1103-204A angled



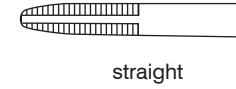
1103-204



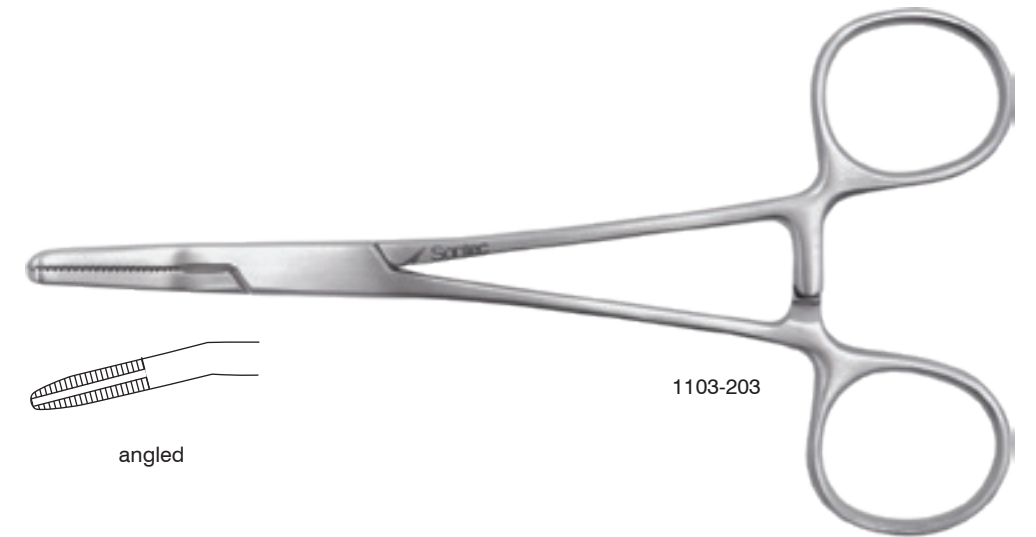
1103-204A

**Sontec Meniscus Clamp**

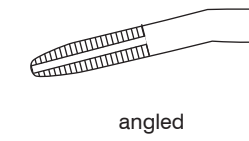
Serrated grooved jaws middle weight  
 / 5 3/8" (13.5 cm)  
 1103-202 str  
 1103-203 angled



straight



1103-203



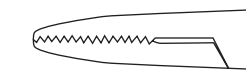
angled

**Sontec Delicate Meniscus Clamp**

Heavy serrated jaws with gap / 5 3/8" (13.5 cm)  
 1103-202D straight  
 1103-203D angled



1103-202D



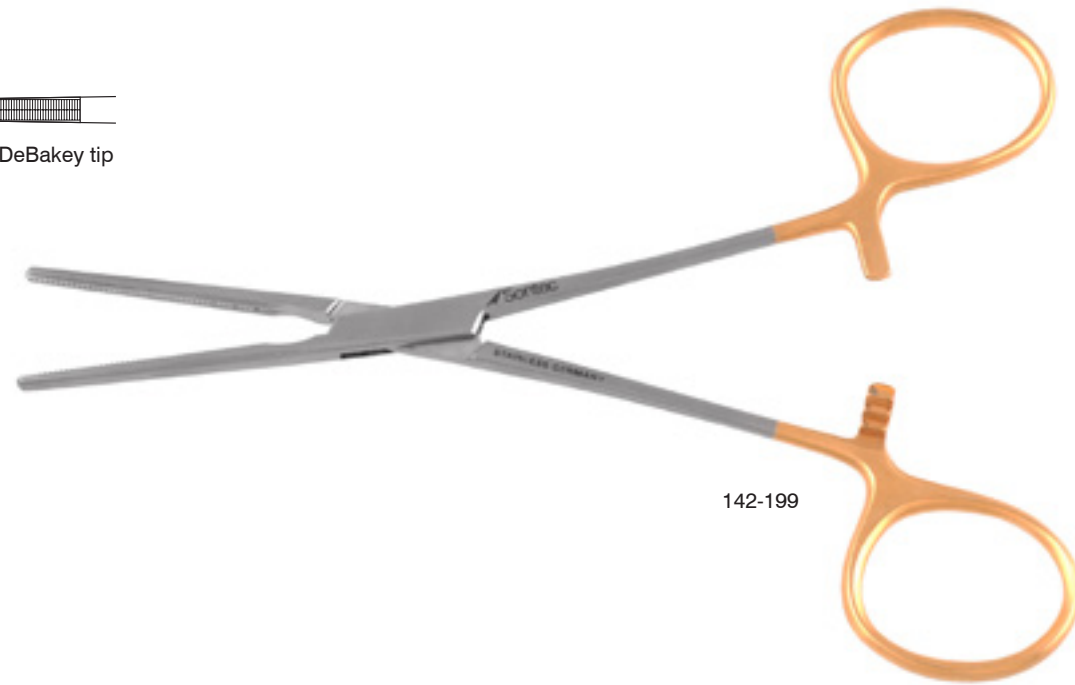
**DeBakey Meniscus Clamp**

Autotraumatic jaw / 3 cm jaw / 5 1/2" (14 cm)

142-199 str



3.0 mm DeBakey tip



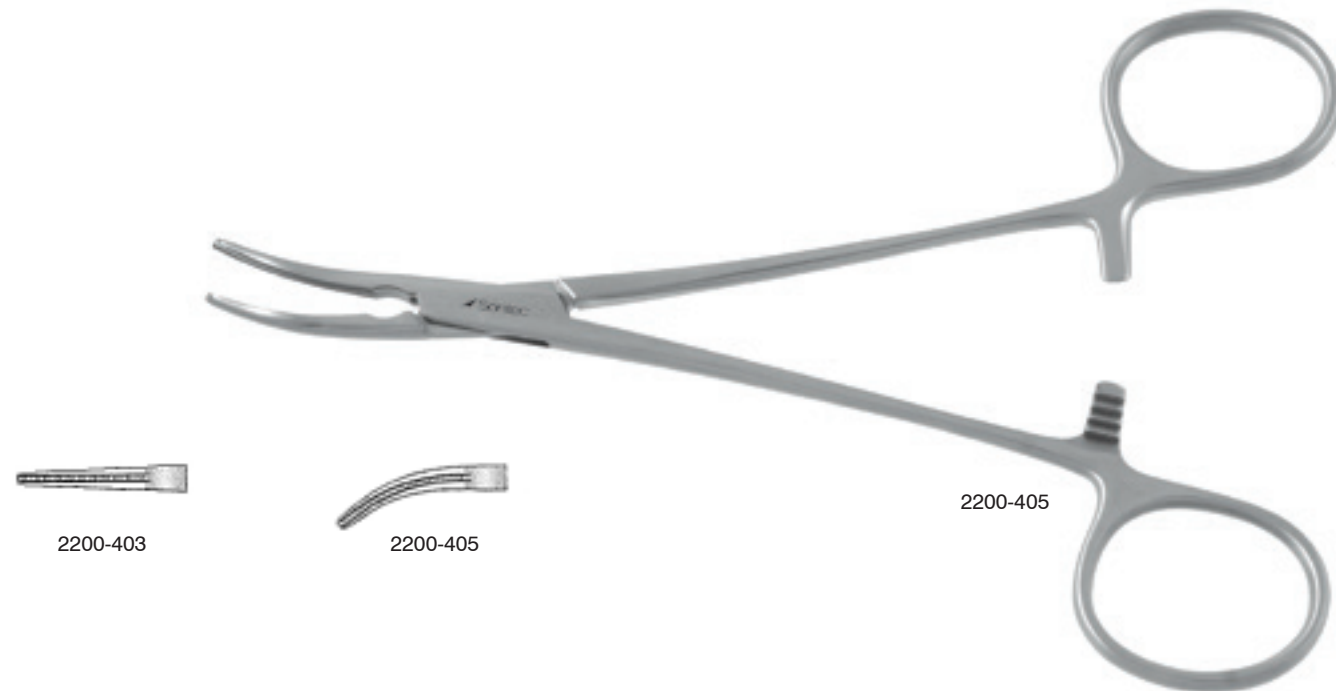
142-199

**Debakey Mosquito Forceps**

6" (15 cm)

2200-403 straight

2200-405 curved



2200-405



2200-403



2200-405

**Martin Cartilage Clamp**

350-866 5 3/4" (14.6 cm)

350-867 6 1/2" (16.5 cm)

350-869 7" (18 cm)

350-871 8" (20 cm)



350-871

**Sontec Mesh Meniscus Clamp**

Fenestrated jaws / 7 1/4" (18.5 cm)

350-880 15 teeth with 1 x 2



350-880



 Sontec Instruments®

Laparoscopy

Features of Modular 2 and 3 Piece System

**Modular System**

1. Pick a tip
2. Choose a shaft that matches
3. Choose a handle type

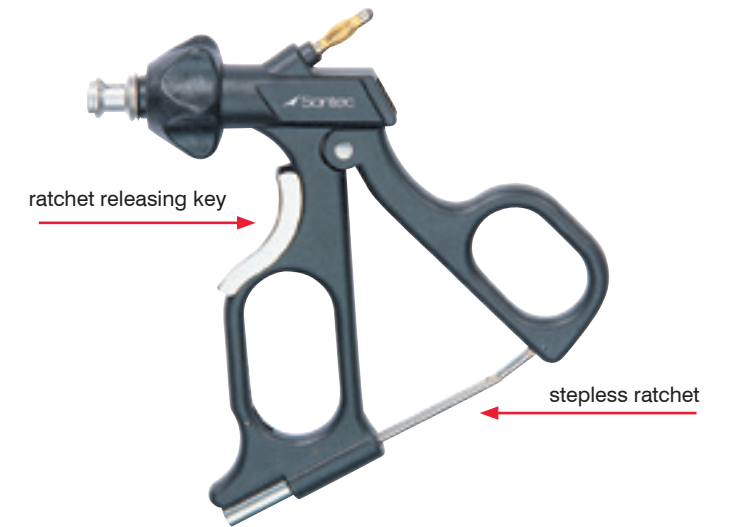
**3 items complete the whole set**

**Plastic handle with stepless ratchet**

Sontec has fitted this ergonomically-shaped handle with a continuous-action lock that arrests it in any desired position.

A gentle push on the release button is all that is required to unlock it again.

This allows the user to determine the level of pressure to apply to the tissue being clamped, rather than being limited by predefined engaging increments.



**Nut stopper**

A nut on the sleeve shaft of Sontec modular instruments prevents bothersome slipping or even the loss of the union nut.

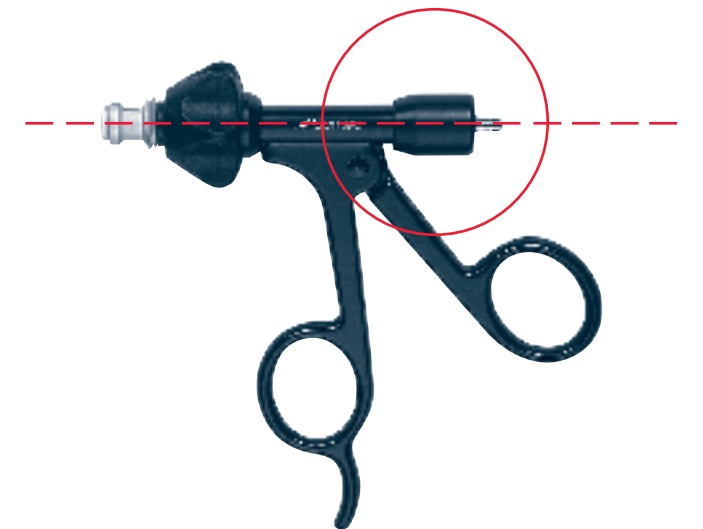


**Axial HF connection**

The axial HF connection on Sontec modular angled metal handles prevents irritating pivoting motions of the cable. Moreover, the HF connection's location behind the hand aids well-balanced handling of the instrument.

**Protective bell fitting for HF connection**

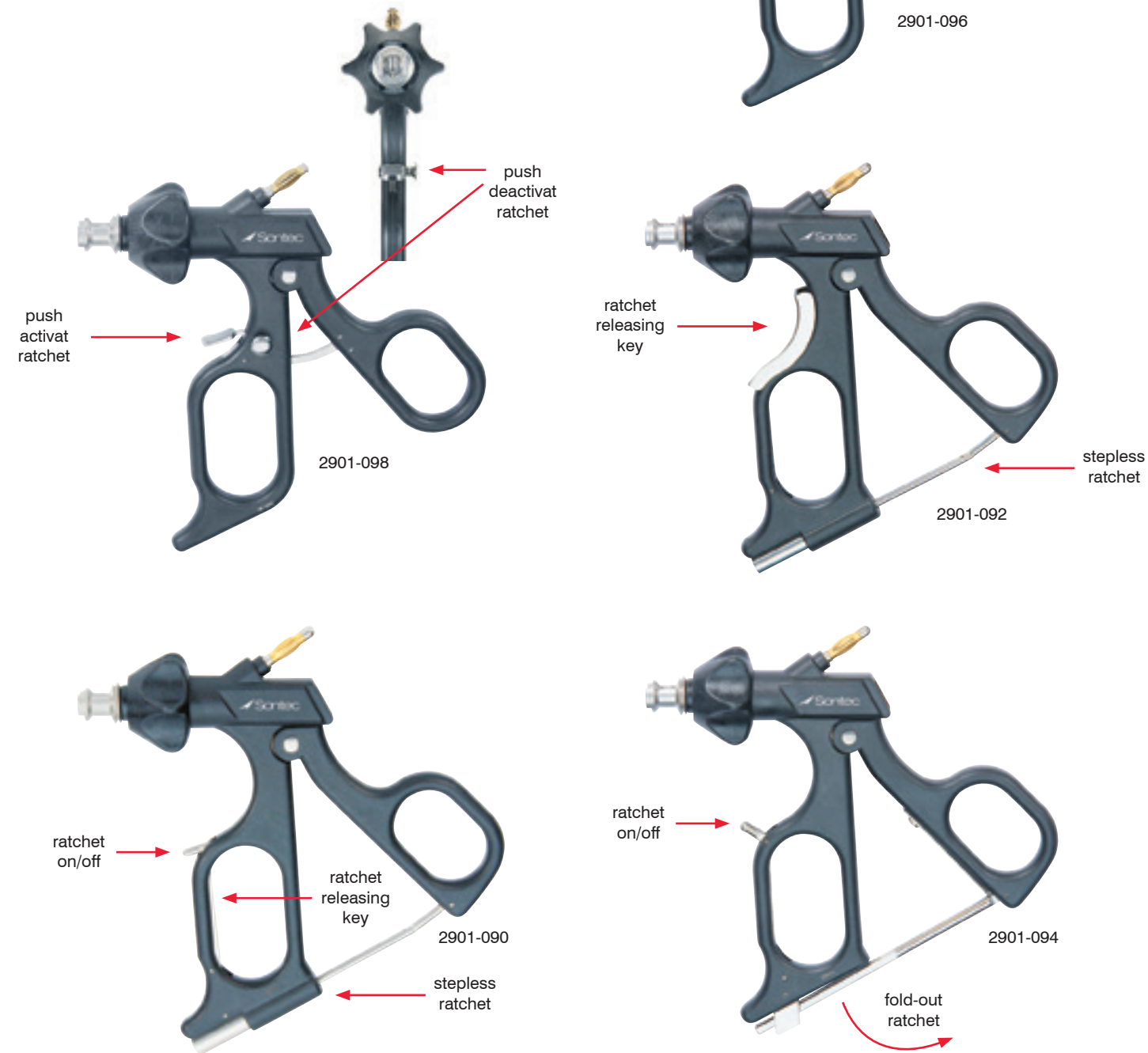
A unique protective bell fitting surrounding the HF connection on Sontec modular angled metal handles provides the user with two-fold protection.



**Ergonomic Highly Rigid Plastic Ring Handle**

For Ø 3 mm, Ø 5 mm & Ø 10 mm tube shaft instruments

- 2901-090 with stepless ratchet, ratchet activating/release lever, rotation module & HF connection
- 2901-092 with stepless ratchet, ratchet release key, rotation module & HF connection
- 2901-094 with ratchet, ratchet activating/release lever, fold out ratchets, rotation module & HF connection
- 2901-096 with rotation module & HF connection
- 2901-098 with ratchet, ratchet activating/deactivating key, rotation module & HF connection



**Angled Insulated Metal Handle**

For Ø 3 mm, Ø 5 mm & Ø 10 mm tube shaft instruments

- 2901-060 with rotating head
- 2901-062 with rotating head & ratchet
- 2901-064 with rotating head & HF connector
- 2901-066 with rotating head, ratchet & HF connector



**Monopolar Cable**

3 meters / 8 mm Bovie Plug / with 4 mm socket

2695-105



**Laparoscopic Bulldog Clamp**

**Straight**

2901-281-45 45 mm jaw  
2901-281-60 60 mm jaw

**Curved**

2901-281-25 25 mm jaw overall length 2"  
2901-281-40 40 mm jaw overall length 2 1/2"



**Knot Pusher**

With hook / Ø4 mm / 330 mm working length

2901-350



**Laparoscopic Bulldog Clamp Forceps**

Applying clamp / rotatable shaft / articulating jaw / 18" working length

2901-281



**Axial Ring Handle**

For Ø 3 mm, Ø 5 mm & Ø 10 mm tube shaft instruments

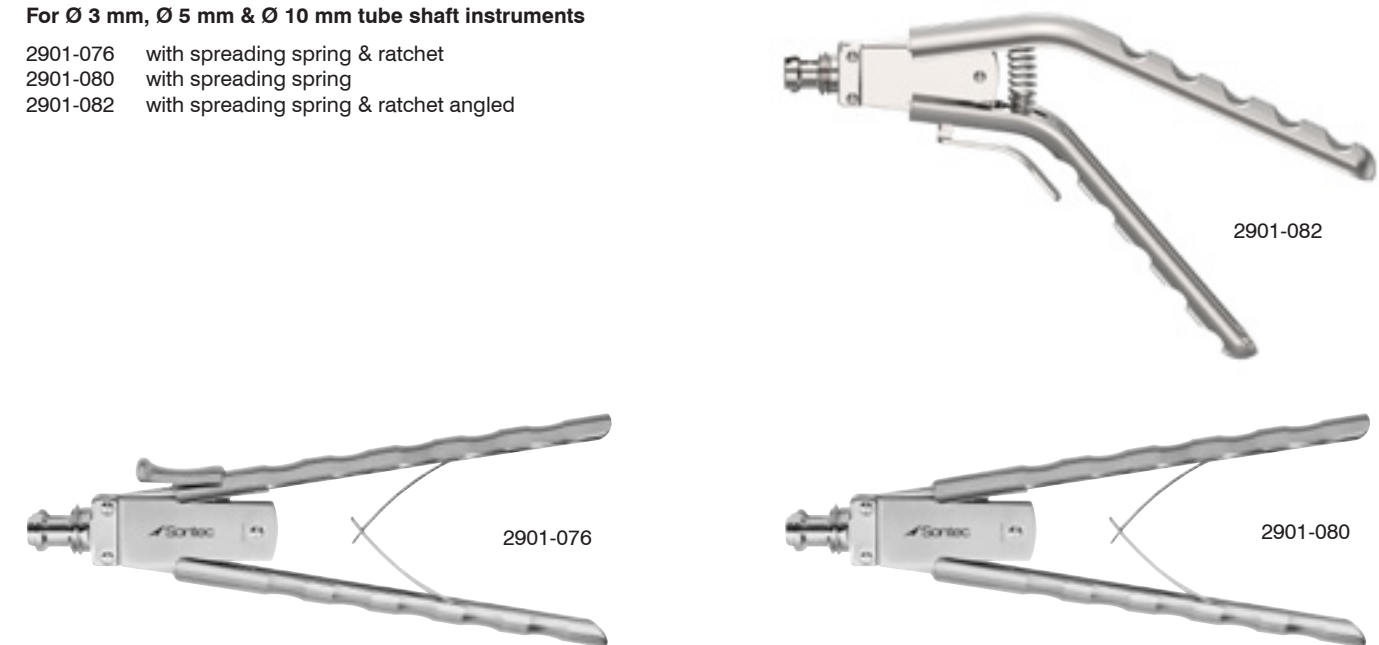
2901-070 with ratchet  
2901-072 with ratchet for integral needleholder  
2901-074 without ratchet  
2901-078 with branches & ratchet  
2901-084 with branches & ratchet for integral needleholder angle handle  
2901-086 with branches & ratchet for integral needleholder angle handle without flushing



**Axial Handle**

For Ø 3 mm, Ø 5 mm & Ø 10 mm tube shaft instruments

2901-076 with spreading spring & ratchet  
2901-080 with spreading spring  
2901-082 with spreading spring & ratchet angled



**Tube Shaft Insulated**

For Ø 5 mm modular 2-piece tube shaft instruments / insulated

2901-101	330 mm shaft length	without LUER lock
2901-101L	330 mm shaft length	with LUER lock
2901-102	360 mm shaft length	without LUER lock
2901-102L	360 mm shaft length	with LUER lock
2901-103	450 mm shaft length	without LUER lock
2901-103L	450 mm shaft length	with LUER lock



LUER lock



2901-101



2901-102



2901-103

**Tube Shaft Insulated**

For Ø 10 mm modular 2-piece tube shaft instruments / insulated

2901-104	330 mm shaft length	cylindrical	without LUER lock
2901-104L	330 mm shaft length	cylindrical	with LUER lock
2901-105	330 mm shaft length	reduce to Ø5 mm	without LUER lock
2901-105L	330 mm shaft length	reduce to Ø5 mm	with LUER lock
2901-106	360 mm shaft length	cylindrical	without LUER lock
2901-106L	360 mm shaft length	cylindrical	with LUER lock
2901-107	360 mm shaft length	reduce to Ø5 mm	without LUER lock
2901-107L	360 mm shaft length	reduce to Ø5 mm	with LUER lock
2901-108	450 mm shaft length	cylindrical	without LUER lock
2901-108L	450 mm shaft length	cylindrical	with LUER lock
2901-109	450 mm shaft length	reduce to Ø5 mm	without LUER lock
2901-109L	450 mm shaft length	reduce to Ø5 mm	with LUER lock



LUER lock



2901-104



2901-105



2901-106



2901-107



2901-108



2901-109

**Scissors Insert**

For Ø 5 mm tube shaft instruments

**Metzenbaum preparation scissors / straight / double action jaw**

- 2901-301S 330 mm shaft length
- 2901-301 360 mm shaft length
- 2901-301L 450 mm shaft length



**Metzenbaum preparation scissors / curved / double action jaw**

- 2901-302S 330 mm shaft length
- 2901-302 360 mm shaft length
- 2901-302L 450 mm shaft length



**Power Cut preparation scissors / curved / double action jaw**

- 2901-303S 330 mm shaft length
- 2901-303 360 mm shaft length
- 2901-303L 450 mm shaft length



**Metzenbaum soft preparation scissors / curved / double action jaw**

- 2901-304S 330 mm shaft length
- 2901-304 360 mm shaft length
- 2901-304L 450 mm shaft length



**Metzenbaum preparation scissors / curved / double action jaw / serrated / strong version**

- 2901-305S 330 mm shaft length
- 2901-305 360 mm shaft length
- 2901-305L 450 mm shaft length



**Peritoneal scissors / straight / single action jaw**

- 2901-306S 330 mm shaft length
- 2901-306 360 mm shaft length
- 2901-306L 450 mm shaft length



**Hook scissors / single action jaw**

- 2901-307S 330 mm shaft length
- 2901-307 360 mm shaft length
- 2901-307L 450 mm shaft length



**Micro scissors / straight / single action jaw**

- 2901-308S 330 mm shaft length
- 2901-308 360 mm shaft length
- 2901-308L 450 mm shaft length



**Micro scissors / curved / single action jaw**

- 2901-309S 330 mm shaft length
- 2901-309 360 mm shaft length
- 2901-309L 450 mm shaft length



**Requires shaft & handle**



**Grasping Forceps Insert**

For Ø 5 mm tube shaft instruments

**Universal grasping forceps / double action jaw**

- 2901-211S 330 mm shaft length
- 2901-211 360 mm shaft length
- 2901-211L 450 mm shaft length



**Maxigrip grasping forceps / double action jaw**

- 2901-212S 330 mm shaft length
- 2901-212 360 mm shaft length
- 2901-212L 450 mm shaft length



**Maryland grasping forceps / double action jaw**

- 2901-213S 330 mm shaft length
- 2901-213 360 mm shaft length
- 2901-213L 450 mm shaft length



**Kelly grasping forceps / double action jaw**

- 2901-214S 330 mm shaft length
- 2901-214 360 mm shaft length
- 2901-214L 450 mm shaft length



**Dissecting forceps / fenestrated jaw / double action jaw**

- 2901-215S 330 mm shaft length
- 2901-215 360 mm shaft length
- 2901-215L 450 mm shaft length



**Dorsey grasping forceps / fenestrated / 20 mm jaw length / double action jaw**

- 2901-216S 330 mm shaft length
- 2901-216 360 mm shaft length
- 2901-216L 450 mm shaft length



**Dorsey grasping forceps / fenestrated / 20 mm jaw length / single action jaw**

- 2901-217S 330 mm shaft length
- 2901-217 360 mm shaft length
- 2901-217L 450 mm shaft length



**Dorsey grasping forceps / fenestrated / 40 mm jaw length / double action jaw**

- 2901-218S 330 mm shaft length
- 2901-218 360 mm shaft length
- 2901-218L 450 mm shaft length



**Duck-Bill grasping forceps / fenestrated / single action jaw**

- 2901-219S 330 mm shaft length
- 2901-219 360 mm shaft length
- 2901-219L 450 mm shaft length



**Grasping Forceps Insert**

For Ø 5 mm tube shaft instruments

**Grasping forceps / 2x4 teeth / double action jaw**

- 2901-220S 330 mm shaft length
- 2901-220 360 mm shaft length
- 2901-220L 450 mm shaft length



**Grasping forceps / 2x4 teeth / single action jaw**

- 2901-221S 330 mm shaft length
- 2901-221 360 mm shaft length
- 2901-221L 450 mm shaft length



**Grasping forceps / with reservoir / double action jaw / blunt**

- 2901-222S 330 mm shaft length
- 2901-222 360 mm shaft length
- 2901-222L 450 mm shaft length



**Grasping forceps / with reservoir / double action jaw / sharp**

- 2901-223S 330 mm shaft length
- 2901-223 360 mm shaft length
- 2901-223L 450 mm shaft length



**Grasping forceps / double action jaw**

- 2901-224S 330 mm shaft length
- 2901-224 360 mm shaft length
- 2901-224L 450 mm shaft length



**Dolphin grasping forceps / double action jaw**

- 2901-225S 330 mm shaft length
- 2901-225 360 mm shaft length
- 2901-225L 450 mm shaft length



**Dolphin grasping forceps / long / with reservoir / double action jaw**

- 2901-226S 330 mm shaft length
- 2901-226 360 mm shaft length
- 2901-226L 450 mm shaft length



**Grasping forceps / smooth / double action jaw**

- 2901-227S 330 mm shaft length
- 2901-227 360 mm shaft length
- 2901-227L 450 mm shaft length



**Grasping forceps / sharp / crosswise teeth / 14 mm jaw length / double action jaw**

- 2901-228S 330 mm shaft length
- 2901-228 360 mm shaft length
- 2901-228L 450 mm shaft length



Requires shaft & handle



**Grasping Forceps Insert**

For Ø 5 mm tube shaft instruments

**Grasping forceps / single action jaw / straight / crosswise teeth / 18 mm jaw length**

- 2901-229S 330 mm shaft length
- 2901-229 360 mm shaft length
- 2901-229L 450 mm shaft length



**Grasping forceps / double action jaw / sharp / crosswise teeth / 18 mm jaw length**

- 2901-230S 330 mm shaft length
- 2901-230 360 mm shaft length
- 2901-230L 450 mm shaft length



**Grasping forceps / distal / with row of teeth / single action jaw**

- 2901-231S 330 mm shaft length
- 2901-231 360 mm shaft length
- 2901-231L 450 mm shaft length



**Grasping forceps / distal / with row of teeth / double action jaw**

- 2901-232S 330 mm shaft length
- 2901-232 360 mm shaft length
- 2901-232L 450 mm shaft length



**Grasping forceps / double action jaw**

- 2901-233S 330 mm shaft length
- 2901-233 360 mm shaft length
- 2901-233L 450 mm shaft length



**Grasping forceps / with fine crosswise teeth / double action jaw**

- 2901-234S 330 mm shaft length
- 2901-234 360 mm shaft length
- 2901-234L 450 mm shaft length



**Grasping forceps / with mouse teeth / double action jaw**

- 2901-235S 330 mm shaft length
- 2901-235 360 mm shaft length
- 2901-235L 450 mm shaft length



**Grasping forceps / with mouse teeth / single action jaw**

- 2901-236S 330 mm shaft length
- 2901-236 360 mm shaft length
- 2901-236L 450 mm shaft length



Requires shaft & handle



## Grasping Forceps Insert

For Ø 5 mm tube shaft instruments

**Grasping forceps / with DeBakey teeth / double action jaw**

2901-237S 330 mm shaft length  
 2901-237 360 mm shaft length  
 2901-237L 450 mm shaft length



**Extracting forceps / with rows of retrograde teeth / double action jaw**

2901-238S 330 mm shaft length  
 2901-238 360 mm shaft length  
 2901-238L 450 mm shaft length



**Mixer grasping forceps / 90° angle / double action jaw**

2901-239S 330 mm shaft length  
 2901-239 360 mm shaft length  
 2901-239L 450 mm shaft length



**Mixer grasping forceps / 45° angle / double action jaw**

2901-240S 330 mm shaft length  
 2901-240 360 mm shaft length  
 2901-240L 450 mm shaft length



**Tenaculum grasping forceps / double action jaw**

2901-241S 330 mm shaft length  
 2901-241 360 mm shaft length  
 2901-241L 450 mm shaft length



**Claw grasping & extracting forceps / 2x3 teeth / single action jaw**

2901-242S 330 mm shaft length  
 2901-242 360 mm shaft length  
 2901-242L 450 mm shaft length



**AGRESSIV claw grasping forceps / double action jaw**

2901-243S 330 mm shaft length  
 2901-243 360 mm shaft length  
 2901-243L 450 mm shaft length



Requires shaft & handle



## Grasping Forceps Insert

For Ø 5 mm tube shaft instruments

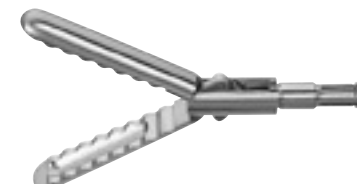
**Atraumatic grasping forceps / with wavy teeth / with reservoir / single action jaw**

2901-244S 330 mm shaft length  
 2901-244 360 mm shaft length  
 2901-244L 450 mm shaft length



**Atraumatic grasping forceps / with wavy teeth / with reservoir / double action jaw**

2901-245S 330 mm shaft length  
 2901-245 360 mm shaft length  
 2901-245L 450 mm shaft length



**Claw grasping forceps for retraction / with wavy teeth / single action jaw**

2901-246S 330 mm shaft length  
 2901-246 360 mm shaft length  
 2901-246L 450 mm shaft length



**Claw grasping forceps for retraction / with wavy teeth / double action jaw**

2901-247S 330 mm shaft length  
 2901-247 360 mm shaft length  
 2901-247L 450 mm shaft length



**WAVE grasping forceps / fenestrated / double action jaw**

2901-248S 330 mm shaft length  
 2901-248 360 mm shaft length  
 2901-248L 450 mm shaft length



## Clamp Insert

For Ø 5 mm tube shaft instruments

**DeBakey clamp / 30 mm jaw length / double action jaw**

2901-249S 330 mm shaft length  
 2901-249 360 mm shaft length  
 2901-249L 450 mm shaft length



**Babcock clamp / double action jaw**

2901-250S 330 mm shaft length  
 2901-250 360 mm shaft length  
 2901-250L 450 mm shaft length



**Cup Insert**

For Ø 5 mm tube shaft instruments

**Tumor grasping forceps / pointed / single action jaw**

- 2901-121S 330 mm shaft length
- 2901-121 360 mm shaft length
- 2901-121L 450 mm shaft length



**Biopsy cup / double action jaw**

- 2901-123S 330 mm shaft length
- 2901-123 360 mm shaft length
- 2901-123L 450 mm shaft length



**Biopsy cup / with thorn / double action jaw**

- 2901-125S 330 mm shaft length
- 2901-125 360 mm shaft length
- 2901-125L 450 mm shaft length



**Biopsy cup long / single action jaw**

- 2901-127S 330 mm shaft length
- 2901-127 360 mm shaft length
- 2901-127L 450 mm shaft length



**Biopsy cup long / with thorn / single action jaw**

- 2901-129S 330 mm shaft length
- 2901-129 360 mm shaft length
- 2901-129L 450 mm shaft length



**Alligator grasping forceps / double action jaw**

- 2901-131S 330 mm shaft length
- 2901-131 360 mm shaft length
- 2901-131L 450 mm shaft length



**Punch Insert**

For Ø5 mm tube shaft instruments

**Biopsy punch / without thorn / single action jaw**

- 2901-115S 330 mm shaft length
- 2901-115 360 mm shaft length
- 2901-115L 450 mm shaft length



**Biopsy punch / with thorn / single action jaw**

- 2901-117S 330 mm shaft length
- 2901-117 360 mm shaft length
- 2901-117L 450 mm shaft length



Requires shaft & handle



**Needle Holder Insert**

For Ø 5 mm tube shaft instruments

**Needle holder / with TC serrated crosswise teeth / straight / single action jaw**

- 2901-321S 330 mm shaft length
- 2901-321 360 mm shaft length
- 2901-321L 450 mm shaft length



**Needle holder / with TC serrated crosswise teeth / left curved / single action jaw**

- 2901-322S 330 mm shaft length
- 2901-322 360 mm shaft length
- 2901-322L 450 mm shaft length



**Needle holder / with TC serrated crosswise teeth / right curved / single action jaw**

- 2901-323S 330 mm shaft length
- 2901-323 360 mm shaft length
- 2901-323L 450 mm shaft length



**Needle holder positioner / with TC dust / convex/concave shaped jaws with fixation teeth / single action jaw**

- 2901-324S 330 mm shaft length
- 2901-324 360 mm shaft length
- 2901-324L 450 mm shaft length



**Dissecting Forceps Insert**

For Ø5 mm tube shaft instruments

**Dissecting forceps / fenestrated / double action jaw**

- 2901-252S 330 mm shaft length
- 2901-252 360 mm shaft length
- 2901-252L 450 mm shaft length



**Dissecting forceps / fenestrated / slim / double action jaw**

- 2901-254S 330 mm shaft length
- 2901-254 360 mm shaft length
- 2901-254L 450 mm shaft length



Requires shaft & handle



**Grasping Forceps Insert**

For Ø 10 mm tube shaft instruments

**Claw grasping & extracting forceps / 2x3 teeth / single action jaw**

- 2901-260S 330 mm shaft length
- 2901-260 360 mm shaft length
- 2901-260L 450 mm shaft length



**Claw grasping & extracting forceps / 2x3 teeth / double action jaw**

- 2901-261S 330 mm shaft length
- 2901-261 360 mm shaft length
- 2901-261L 450 mm shaft length



**Maryland grasping forceps / double action jaw**

- 2901-262S 330 mm shaft length
- 2901-262 360 mm shaft length
- 2901-262L 450 mm shaft length



**Grasping forceps / with DeBaakey teeth / fenestrated / double action jaw**

- 2901-264S 330 mm shaft length
- 2901-264 360 mm shaft length
- 2901-264L 450 mm shaft length



**Babcock grasping forceps / double action jaw**

- 2901-265S 330 mm shaft length
- 2901-265 360 mm shaft length
- 2901-265L 450 mm shaft length



**Babcock grasping forceps / with crosswise teeth / double action jaw**

- 2901-266S 330 mm shaft length
- 2901-266 360 mm shaft length
- 2901-266L 450 mm shaft length



Requires shaft & handle



**Grasping Forceps Insert**

For Ø 10 mm tube shaft instruments

**Mixer grasping forceps / double action jaw**

- 2901-267S 330 mm shaft length
- 2901-267 360 mm shaft length
- 2901-267L 450 mm shaft length



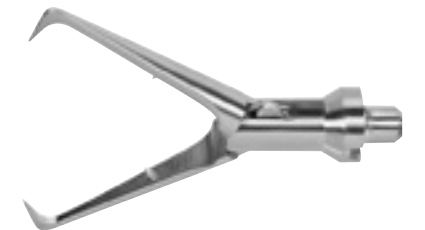
**Dorsey grasping forceps / double action jaw**

- 2901-268S 330 mm shaft length
- 2901-268 360 mm shaft length
- 2901-268L 450 mm shaft length



**Tenaculum forceps / double action jaw**

- 2901-275S 330 mm shaft length
- 2901-275 360 mm shaft length
- 2901-275L 450 mm shaft length



**Cup Insert**

For Ø 10 mm tube shaft instruments

**Large cup / single action jaw**

- 2901-280S 330 mm shaft length
- 2901-280 360 mm shaft length
- 2901-280L 450 mm shaft length



**Scissors Insert**

For Ø 10 mm tube shaft instruments

**Large operating scissors / single action jaw**

- 2901-279S 330 mm shaft length
- 2901-279 360 mm shaft length
- 2901-279L 450 mm shaft length



Requires shaft & handle



**Grasping Clamp Insert**

For Ø 10 mm tube shaft instruments

**Kocher clamp / double action jaw**

- 2901-269S 30 mm jaw length / 330 mm shaft length
- 2901-269 30 mm jaw length / 360 mm shaft length
- 2901-269L 30 mm jaw length / 450 mm shaft length
- 2901-270S 40 mm jaw length / 330 mm shaft length
- 2901-270 40 mm jaw length / 360 mm shaft length
- 2901-270L 40 mm jaw length / 450 mm shaft length
- 2901-271S 50 mm jaw length / 330 mm shaft length
- 2901-271 50 mm jaw length / 360 mm shaft length
- 2901-271L 50 mm jaw length / 450 mm shaft length



**DeBakey clamp / double teeth / double action jaw**

- 2901-272S 30 mm jaw length / 330 mm shaft length
- 2901-272 30 mm jaw length / 360 mm shaft length
- 2901-272L 30 mm jaw length / 450 mm shaft length
- 2901-273S 40 mm jaw length / 330 mm shaft length
- 2901-273 40 mm jaw length / 360 mm shaft length
- 2901-273L 40 mm jaw length / 450 mm shaft length
- 2901-274S 50 mm jaw length / 330 mm shaft length
- 2901-274 50 mm jaw length / 360 mm shaft length
- 2901-274L 50 mm jaw length / 450 mm shaft length



**Babcock clamp / double action jaw**

- 2901-276S 330 mm shaft length
- 2901-276 360 mm shaft length
- 2901-276L 450 mm shaft length



**Collin clamp / double action jaw**

- 2901-277S 330 mm shaft length
- 2901-277 360 mm shaft length
- 2901-277L 450 mm shaft length



**Pennington clamp / double action jaw**

- 2901-278S 330 mm shaft length
- 2901-278 360 mm shaft length
- 2901-278L 450 mm shaft length



**Overhold clamp / with fine teeth / curved / double action jaw**

- 2901-263S 330 mm shaft length
- 2901-263 360 mm shaft length
- 2901-263L 450 mm shaft length



**Integrated Needle Holder**

Axial-ratchet-handle / LUER lock irrigation adapter / Ø 5 mm / 330 mm working length / four jaw types

**Needle holder / with inserted TC crosswise teeth / single action jaw / straight**

- 2901-330 straight
- 2901-331 angled



**Needle holder / with inserted TC crosswise teeth / single action jaw / left curved**

- 2901-334 straight
- 2901-335 angled



**Needle holder / with inserted TC crosswise teeth / single action jaw / right curved**

- 2901-336 straight
- 2901-337 angled
- 2901-337S angled 190 mm



**Needle holder/positioner / with fixation teeth / TC dust / single action jaw / convex/concave jaw / straight**

- 2901-340 straight
- 2901-341 angled





### Scissors Working Part

For Ø 3 mm tube shaft instruments

#### Metzenbaum preparation scissors / straight / double action jaw

2901-311S 180 mm shaft length  
 2901-311 210 mm shaft length  
 2901-311L 330 mm shaft length



#### Metzenbaum preparation scissors / curved / double action jaw

2901-312S 180 mm shaft length  
 2901-312 210 mm shaft length  
 2901-312L 330 mm shaft length



#### Peritoneal scissors / straight / single action jaw

2901-313S 180 mm shaft length  
 2901-313 210 mm shaft length  
 2901-313L 330 mm shaft length



#### Hook scissors / single action jaw

2901-314S 180 mm shaft length  
 2901-314 210 mm shaft length  
 2901-314L 330 mm shaft length



#### Micro scissors / straight / single action jaw

2901-315S 180 mm shaft length  
 2901-315 210 mm shaft length  
 2901-315L 330 mm shaft length



### Biopsy Cup Working Part

For Ø 3 mm tube shaft instruments

#### Double action jaw / without thorn

2901-111S 180 mm shaft length  
 2901-111 210 mm shaft length  
 2901-111L 330 mm shaft length



#### Double action jaw / with thorn

2901-113S 180 mm shaft length  
 2901-113 210 mm shaft length  
 2901-113L 330 mm shaft length



### Grasping Forceps Working Part

For Ø 3 mm tube shaft instruments

#### Universal grasping forceps / double action jaw

2901-201S 180 mm shaft length  
 2901-201 210 mm shaft length  
 2901-201L 330 mm shaft length



#### Maryland grasping forceps / double action jaw

2901-202S 180 mm shaft length  
 2901-202 210 mm shaft length  
 2901-202L 330 mm shaft length



#### Dissecting forceps / fenestrated / double action jaw

2901-203S 180 mm shaft length  
 2901-203 210 mm shaft length  
 2901-203L 330 mm shaft length



#### Grasping forceps / with reservoir / blunt / double action jaw

2901-204S 180 mm shaft length  
 2901-204 210 mm shaft length  
 2901-204L 330 mm shaft length



#### Grasping forceps / with reservoir / sharp / double action jaw

2901-205S 180 mm shaft length  
 2901-205 210 mm shaft length  
 2901-205L 330 mm shaft length



#### Dolphin grasping forceps / double action jaw

2901-206S 180 mm shaft length  
 2901-206 210 mm shaft length  
 2901-206L 330 mm shaft length



#### Grasping forceps / sharp / crosswise teeth / 12 mm jaw length / double action jaw

2901-207S 180 mm shaft length  
 2901-207 210 mm shaft length  
 2901-207L 330 mm shaft length

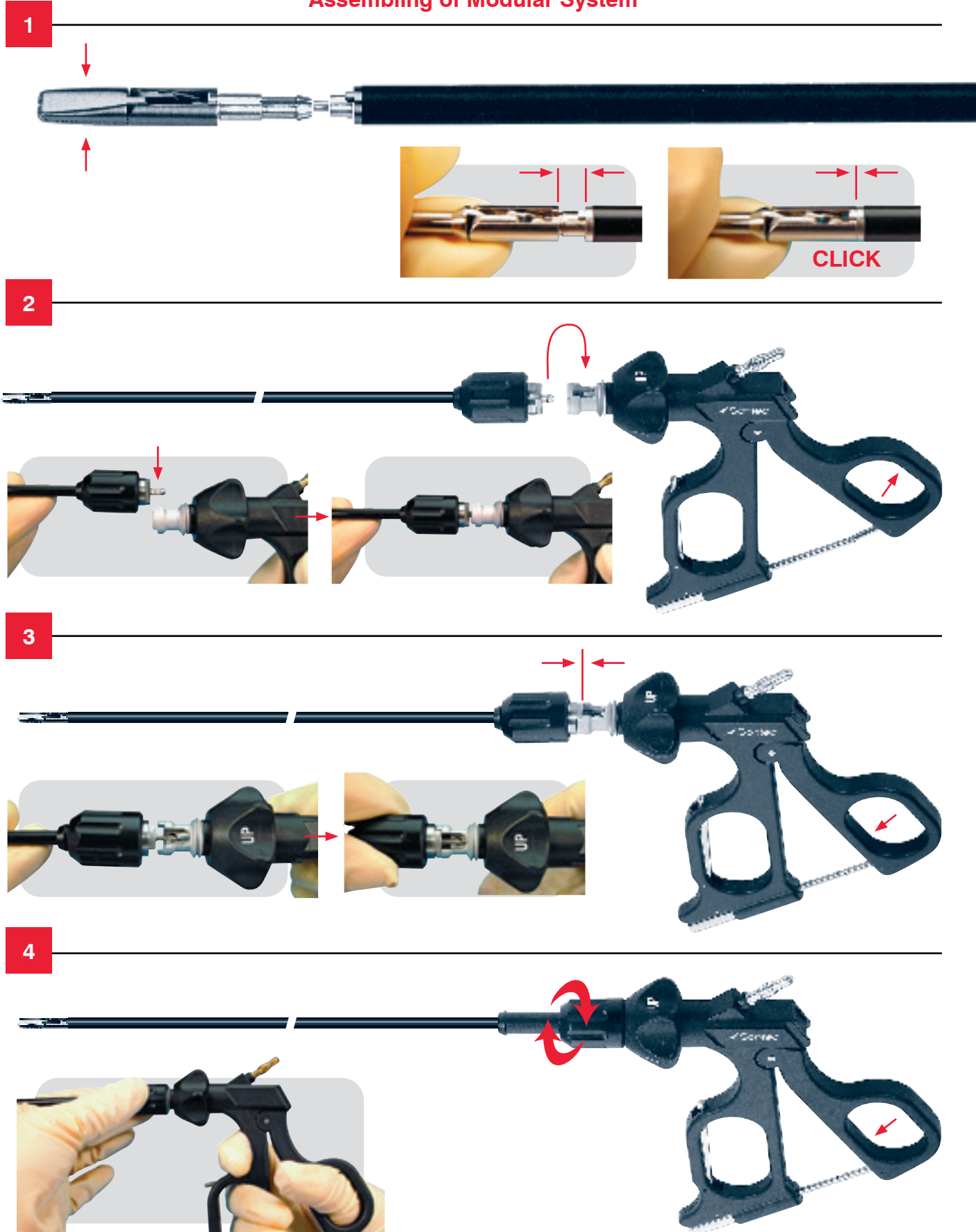


#### Claw grasping & extracting forceps / 2x3 teeth / single action jaw

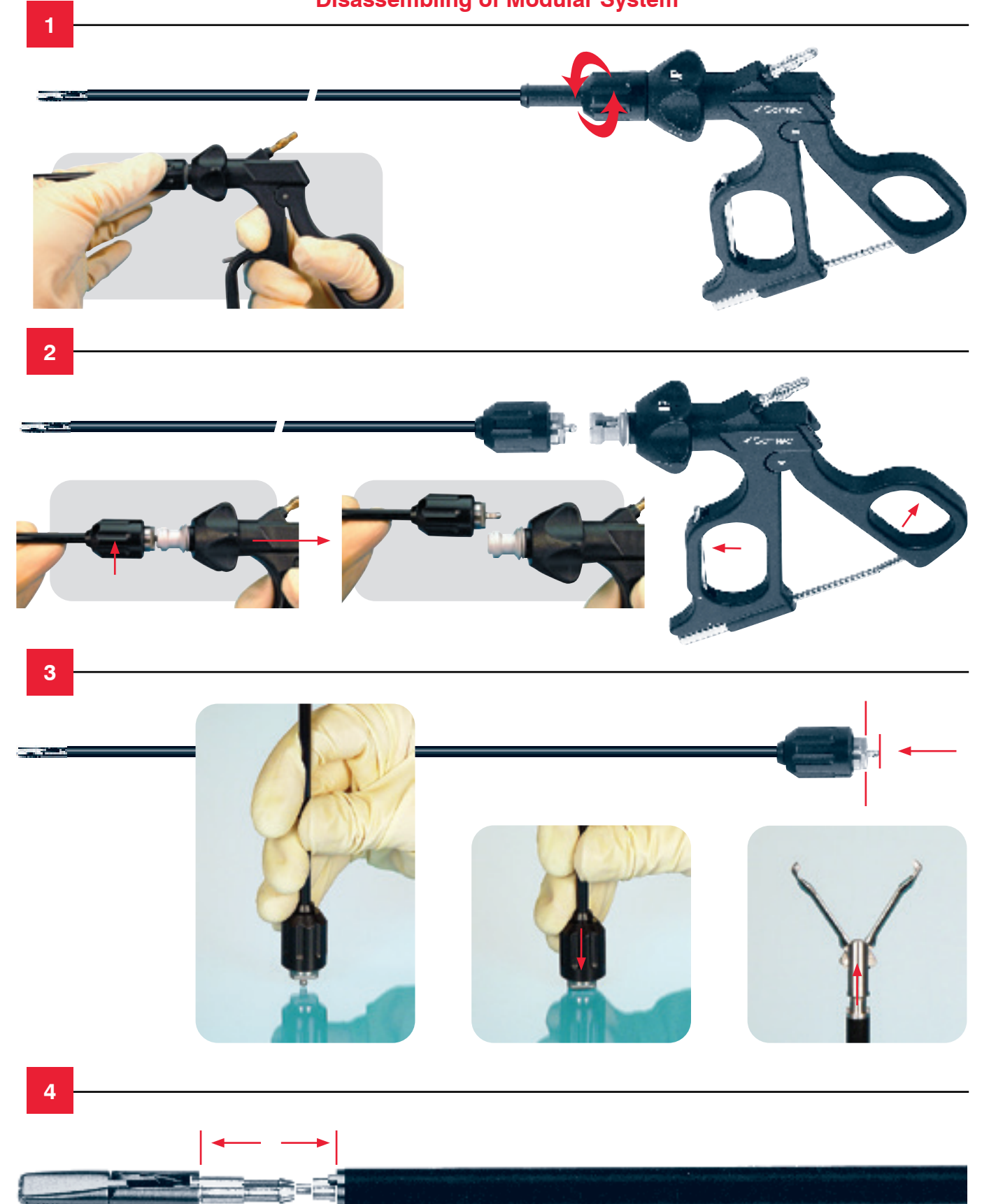
2901-208S 180 mm shaft length  
 2901-208 210 mm shaft length  
 2901-208L 330 mm shaft length



Assembling of Modular System



Disassembling of Modular System





 Sontec Instruments®

Surgical SETS

**Veterinary Surgical Sets**

\* PLEASE NOTE: The instruments included in our sets are "standard quality". All packs are customizable and upgradeable.

**General Surgery Set**

**1100-005**

- 4 6 1/4" Rochester Carmalt Forceps, Curved (1100-152)
- 2 5 1/2" Kelly Forceps, Straight (115-446)
- 1 8" Snook Ovariectomy Hook (1100-756)
- 3 5" Halstead Mosquito Forceps, Curved (115-412)
- 1 5 1/2" Olsen Hegar Needle Holder, TC serrated (1100-106)
- 4 5 1/4" Backhaus Towel Forceps (117-503)
- 1 6 3/4" Mayo Scissors, Straight (1100-250)
- 1 Knife Handle, #3 (1100-740)
- 1 7" Metzenbaum Scissors, Curved (1100-244)
- 1 Brown Adson Forceps, 9 x 9 Teeth (136-686)

**Feline Spay Set**

**1100-006**

- 1 Snook Ovariectomy Hook (1100-756)
- 1 5 1/2" Olsen Hegar Needle Holder, TC serrated (1100-106)
- 1 6 3/4" Mayo Scissors, Straight (1100-250)
- 1 Brown Adson Forceps, 9 x 9 Teeth (136-686)
- 1 Knife Handle, #3 (1100-740)
- 4 3 1/2" Backhaus Towel Forceps (117-500)
- 2 5" Halstead Mosquito Forceps, Straight (115-410)
- 2 5" Halstead Mosquito Forceps, Curved (115-412)
- 2 5 1/2" Kelly Forceps, Straight (115-446)
- 2 5 1/2" Kelly Forceps, Curved (115-448)

**Canine Spay Set**

**1100-007**

**Includes everything in Feline Spay Pack listed above plus**

- 1 6" Allis Forceps, 4 x 5 Teeth (140-320)

**Rabbit Dental Set**

**1100-040**

- 1 Small Cheek Spreader (1103-363)
- 1 Chinchilla Cheek Spreader (1103-367)
- 1 Dental Rasp, Fine (1103-379)
- 1 Tooth Cutting Forceps (1103-368)
- 1 Small Rodent Mouth Gag (1103-380)

**Deluxe Rodent Dental Set**

**1100-042**

- 1 Operating Table for Rodents (1103-376)
- 1 Small Cheek Spreader (1103-363)
- 1 Dental Rasp, Fine (1103-372)
- 1 Tooth Cutting Forceps (1103-368)

**Basic Orthopedic Set**

**1100-022**

- 1 IM Pin Chuck With Key (1103-185)
- 1 Lempert Rongeur, Curved, 2.5 mm x 10 mm Jaws (315-544)
- 1 Wire Suture Scissors, Angled, Serrated (1100-308)
- 1 7" Wire Twister / Needle Holder, With Hole, Golded (1103-150)
- 1 Complete Assorted Pins & K-wires, with Canvas Bag (1106-730)
- 2 Orthopedic SS Wire, 2 Sizes (1106-620)

**Orthopedic Set**

**1100-020**

- 1 5 3/4" Wire End Cutter, TC (1103-110)
- 2 Senn Retractors, Double-Ended, Sharp (1100-668)
- 1 6 3/4" Bruns Curette, Straight, Sizes 00000-5 (320-808)
- 1 5 3/4" Weitlaner Retractor, Sharp (1100-618)
- 1 Sontec® Mallet, With Nylon Head (1100-462S)
- 1 Gigli Saw Handles, Pair (1100-508)

- 1 12" Gigli Braided SS Wire (1100-503)
- 1 7" Wire Twister / Needle Holder, With Hole, Golded (1103-150)
- 1 7 3/4" Freer Periosteal Elevator (1100-798)
- 1 5 1/2" Kern Bone Holding Clamp (305-334)
- 1 8 1/2" Kern Bone Holding Clamp (305-336)
- 1 8 1/4" Foman 4-Sided Double-Ended Rasp (1100-492)
- 1 Lempert Rongeur, Curved, 2.5 mm x 10 mm Jaws (315-544)
- 1 Wire Suture Scissors, Angled, Serrated (1100-308)
- 1 IM Pin Chuck With Key (1103-185)
- 1 Sontec® Osteotome, 8 mm x 5" (1103-284)
- 2 Orthopedic SS Wire, 2 Sizes (1106-620)
- 1 Complete Assorted Pins & K-wires, with Canvas Bag (1106-730)

**Orthopedic Knee Surgery Set**

**1100-024**

- 1 Hohmann or Mini Hohmann Elevator
- 1 Neroma-Gelpi Retractor \*
- 2 Senn or Ragnell Retractors
- 1 Cartilage Forceps, With Large Multi-Toothed Jaws

\* Exclusive Sontec® design, size of your choice

**Orthopedic Drill Set**

**1100-026**

- 1 Makita Rechargeable Variable Speed Drill
- 1 Battery Charger
- 1 3/8" SS Chuck
- 1 3" Extension
- 1 Manufacturer's Plastic Case
- 1 Chuck Key

**Basic Ophthalmic Set**

**1100-030**

- 1 Thermoplastic Case, 3" x 6" (1103-700)
- 1 Halsey Needle Holder (132-373)

- 1 Bishop Harmon Forceps, 1 x 2 Teeth, 0.8 mm Tip (14-3810)
- 1 Stevens Tenotomy Scissors, Curved (13-8810)
- 1 Barraquer Wire Speculum, Large (10-1030)

**Extended Ophthalmic Set**

**1100-035**

- 1 Thermoplastic Case, 4" x 8" (1103-723)
- 1 Castroviejo Needle Holder, TC Dust, With Lock (15-1912)
- 2 Micro Eye Blades, #64 (19-1510)
- 1 3K Eye Blade Knife Handle (117-560)
- 1 Bishop Harmon Forceps, 1 x 2 Teeth, 0.8 mm Tip (14-3810)
- 1 Stevens Tenotomy Scissors, Curved (13-8810)
- 1 Barraquer Wire Speculum, Large (10-1030)
- 1 Desmarres Chalazion Clamp, Medium (14-9901)

**Titanium Avian Set**

**1103-900**

- Tray 1103-723
- Ring Tip Forceps 2600-525
- Needle Holder 2600-684L
- Scissors 1103-869T

**General Dental Set**

**1100-044**

- 1103-389A Winged Elevator with short handle 2 mm
- 1103-389C Winged Elevator with short handle 4 mm
- 1103-389D Winged Elevator with short handle 5 mm
- 1102-ER1 Root Pick straight flat tip (ER1)
- 1103-583 Molt Periosteal Elevator CMS9 DE
- 1103-353 Micro Upper Pedo Extractor TCD 4 3/4"
- 1103-352 Micro Lower Pedo Extractor TCD 4 3/4"
- 1102-EX9 DBL END Probe/Hook Explorer PW-23
- 1102-PW23 Goldman Fox Curette double end (SC GF2)
- 1102-SCJ2-3 Gracey Curette - SCGR13-14
- 1102-RESCGR13-14 Gracey Curette - SCGR13-14
- 1103-715 Plastic Tray double 10 X 6 X 1 1/2 PT

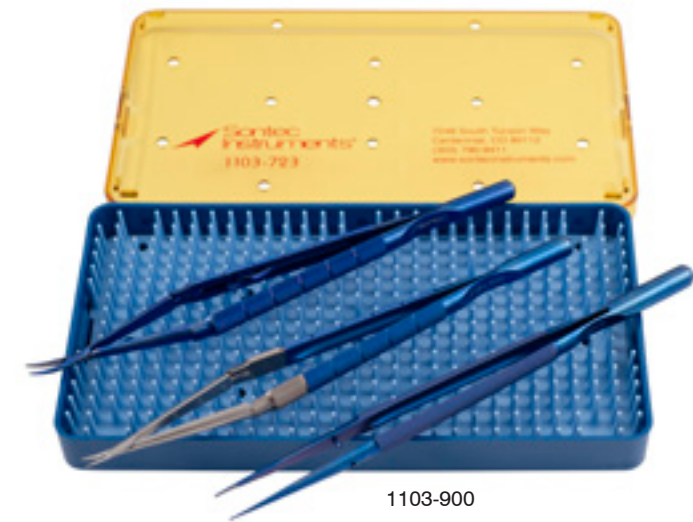


**Avian Micro Set**

**1103-900 set**

**Includes:**

- 1103-723 4" x 8" tray
- 2600-525 ring tip forcep
- 1103-885C needle holder
- 2600-916 double-action scissors



**HF-Ciradur Scissors**

Monopolar / blunt/blunt / 4.5 mm diameter / 300 mm working length

20925-56 30° curved down up opening  
20925-53 30° curved down side opening

Metzenbaum / monopolar / curved left / 4.5 mm diameter / 300 mm working length

20928-51 30° curved down up opening  
20928-53 30° side opening side opening

\* 7 mm trocar



**Hook Electrode**

4.7 mm diameter / 300 mm working length

20945-01 30° down curved upward  
20945-03 30° down curved upward-hook curved left  
20945-04 30° down curved upward-hook curved right

\* 7 mm trocar



**Bipolar Dissector**

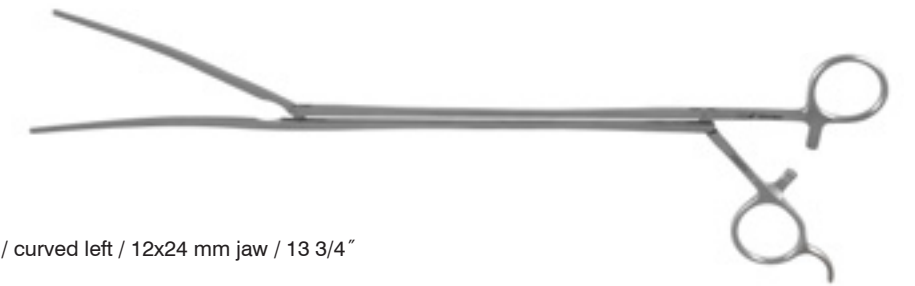
Curved / 5 mm diameter / 340 mm working length

26950-05 insert only: article no. 04-02735-07



**VATS Starter Set**

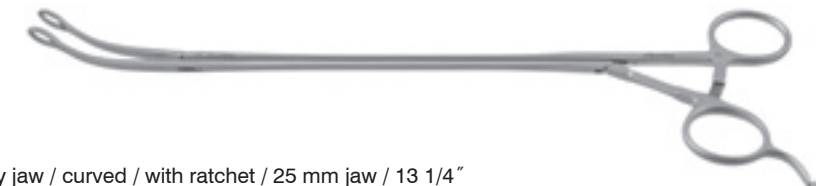
2100-818 Cardiovascular Clamp-1x2 Debakey jaw / with ratchet / curved / 15"



2100-823 VATS Foerster Clamp- with ratchet / curved left / 12x24 mm jaw / 13 3/4"



2100-824 VATS Foerster Clamp- with ratchet / curved left / 6 mm oval ring jaw / 13.25"



2100-826 Duval Cardio vascular Clamp- 1 x 2 Debakey jaw / curved / with ratchet / 25 mm jaw / 13 1/4"



2405-920 Metz VATS Slider Scissors- power cut / curved / 14"



2300-904 VATS Needle Holder- fine / TC serrated / with ratchet / 10 mm shaft / 13"



180-429 Thoracic Suction Tube- straight / 5 mm tube / 17 1/4"

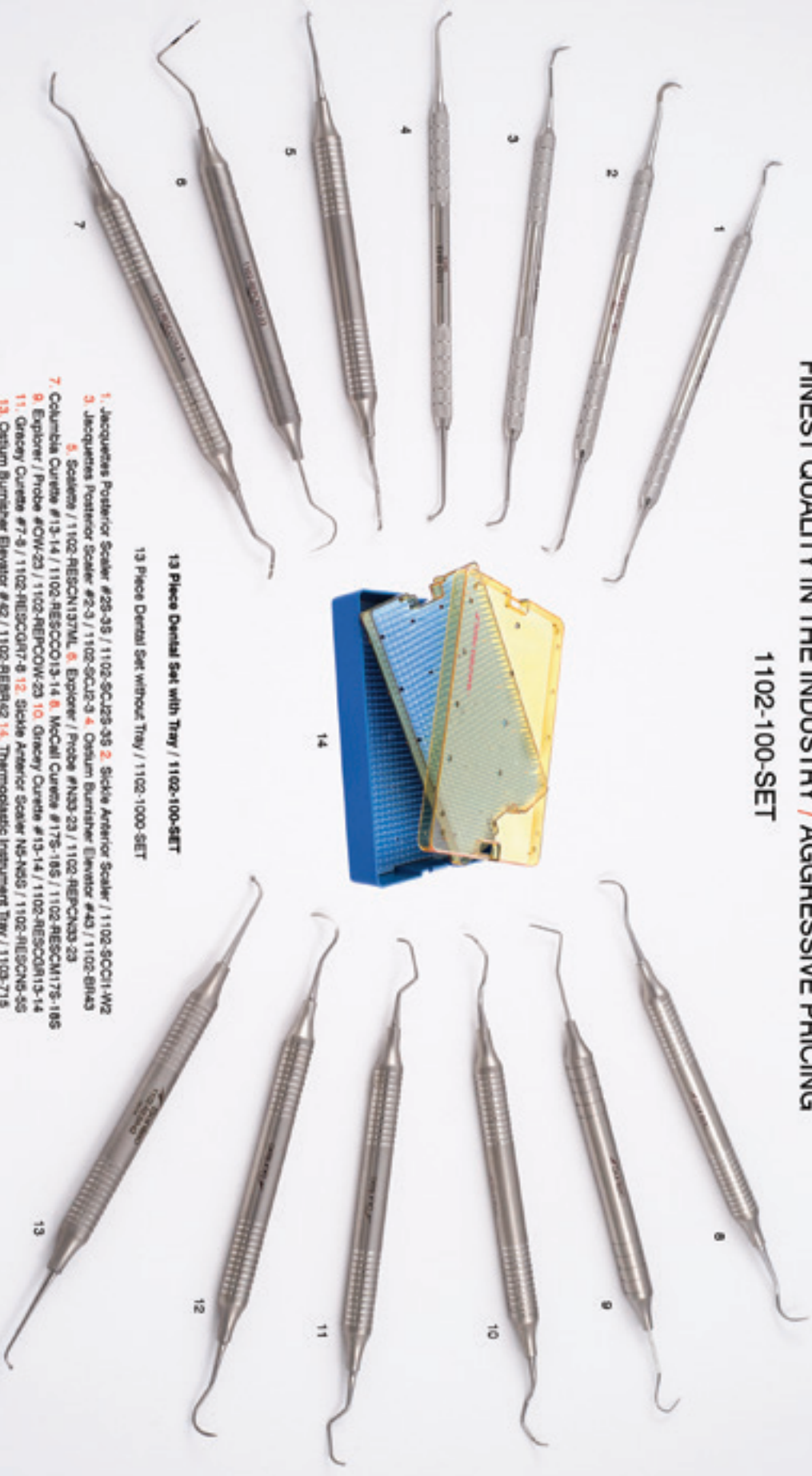




# 13 PIECE DENTAL SCALERS, CURETTES, DEPTH PROBES AND ELEVATORS SET

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING

1102-100-SET



- 1. Jacquettes Posterior Scaler #29-35 / 1102-SC29-35
- 2. Stiehl Anterior Scaler / 1102-SC01-W2
- 3. Jacquettes Posterior Scaler #2-3 / 1102-SC12-3
- 4. Ostium Burnisher Elevator #43 / 1102-BH43
- 5. Scalera / 1102-RESCN137ML
- 6. Explorer / Probe #N3-23 / 1102-HEPCN3-23
- 7. Columbia Curette #13-14 / 1102-RESCCO13-14
- 8. Meccal Cureta #175-185 / 1102-RESCM175-185
- 9. Explorer / Probe #QW-23 / 1102-HEPCQW-23
- 10. Gracey Cureta #13-14 / 1102-RESCGM13-14
- 11. Gracey Cureta #7-8 / 1102-HESCGF-7-8
- 12. Stiehl Anterior Scaler NS-N35 / 1102-RESCNS-55
- 13. Ostium Burnisher Elevator #42 / 1102-REBH42
- 14. Thermoplastic Instrument Tray / 1102-715

13 Piece Dental Set with Tray / 1102-100-SET

13 Piece Dental Set without Tray / 1102-1000-SET

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# 10 PIECE DENTAL LUXATOR ELEVATOR SET

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING

1100-586-SET



- 1. Luxator Elevator S1 / 1100-586S1
- 2. Luxator Elevator C1 / 1100-586C1
- 3. Luxator Elevator S2 / 1100-586S2
- 4. Luxator Elevator C2 / 1100-586C2
- 5. Luxator Elevator S3 / 1100-586S3
- 6. Luxator Elevator C3 / 1100-586C3
- 7. Luxator Elevator S4 / 1100-586S4
- 8. Luxator Elevator C4 / 1100-586C4
- 9. Luxator Elevator S5 / 1100-586S5
- 10. Luxator Elevator C5 / 1100-586C5
- 11. Thermoplastic Tray / 1102-715

10 Piece Dental Luxator Elevator Set with Tray / 1100-586

10 Piece Dental Luxator Elevator Set without Tray / 1100-5860

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# 9 PIECE DENTAL WINGGED ELEVATOR SET

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING

1103-3891-SET



- 1. Root Tip Elevator 1.0 / 1103-1.0S
- 2. Root Tip Elevator 2.0 / 1103-2.0S
- 3. Winged Elevator / 1103-3891A
- 4. Winged Elevator / 1103-389B
- 5. Winged Elevator 34S / 1103-389C
- 6. Winged Elevator E40 / 1103-389D
- 7. Winged Elevator E51 / 1103-389E
- 8. Winged Elevator E50 / 1103-389F
- 9. Winged Elevator E50 / 1103-389G
- 10. Thermoplastic Tray / 1103-715



9 Piece Dental Winged Elevator Set with Tray / 1103-3891-SET

9 Piece Dental Winged Elevator Set without Tray / 1103-3890-SET

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# CLASSIC DENTAL ELEVATOR SET

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING

1103-399-SET



Classic Dental Elevator Set with Tray / 1103-399-SET

Classic Dental Elevator Set without Tray / 1103-3990-SET

- 1. Elevator 34 / 1103-391
- 2. Elevator 46 / 1103-396
- 3. Elevator / 1103-39225
- 4. Elevator / 1103-3922B
- 5. Elevator 34S / 1103-391S
- 6. Elevator E40 / 1103-394
- 7. Elevator E51 / 1103-392
- 8. Elevator E50 / 1103-395
- 9. Thermoplastic Tray / 1103-715



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# THE ORIGINAL GOLD STANDARD

FOR MIS FOR OVER 20 YEARS

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



### Special

- Tungsten scissors
  - Tungsten DeBakey
  - Increased life
  - Dual purpose
- 510K Registered
  - Largest selection of working ends on the market
  - 3 sizes of shafts for a variety of procedures
  - Unique handle coloring
  - Gold for TC items
  - Black/Red for forceps & scissors

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# BAYONNET HEARTLINE M.I.S. COMPLETE SET

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



- Micro Vascular Needle Holders
- DeBakey TC Forceps
- Metznerbaum Blades
- Potts Blades
- Jamesson Blades
- Knot Pusher
- Dissecting Forceps
- 360° Rotatable Shafts
- Tapered Shafts



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**FOR THE PROCEDURE**  
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# PLASTILOGICAL INSTRUMENTATION

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING

1. Cottle Crusher 350-849
2. Gillies 132-984C
3. Davis 412-767
4. Sontec 3mm 1100-479M
5. Lacrimai Probe 16-2510
6. Westcott 13-3906
7. Deemures 10-4220
8. Kahn Face Lift Scissors 475-175



9. Eye Shield 1100-409M
10. Eye Shield Pair 18-8020
11. 2 mm 40° Kerrison 404-491
12. Deemures Electro Blue 14-9908
13. Bipolar Suction Forceps 2700-817
14. Joseph 16-2210
15. 0.5 Castroviejo 14-2820
16. Coble 6 mm 350-849C

17. Puttermann 714-9400
18. Jeweleo 14-8840
19. Mini Neuro 1100-086
20. Silicon Eye Spheres 1100-411-23
21. Joseph Hook Electro Blue 199-432
22. Stevens 1200-497
23. Sphera Introducer 17-1000
24. Castroviejo 15-1910

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# SONTEC INSTRUMENTATION OF EXPERTS

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING

1. Martez Dissector - 11-3420
2. Lasic Flap Spatula - 12-2860
3. Kelly Marmarae Punch 1.0 mm - 11-9270
4. 0.12 Collet with Angled Teeth - 14-2820
5. Fine Stitch Scissors - 13-4800
6. Marshall 0.3 mm Forceps - T14-3000
7. Serrine Clamp - 14-9240
8. Desmarres Lid Retractor - 10-4200
9. Maslet Capulathexis Forceps - 14-8384
10. Rizzuti Iris Retractor and Lens Expresor 2 mm - 12-4800
11. Castroviejo TC Needle Holder - 15-1910
12. Bishop Harmon Forceps 0.5 mm - T14-3805
13. Silicone Eye Sphere
14. Fomon Enucleation Scissors - 508-822
15. Micro Interocular Biopsy Forceps - 14-7751
16. 7° Ceramic TC/PC Metzenbaum Scissors - 1200-915
17. Full Curved Iris Forceps 1 x 2.0 mm - 14-4655
18. Singer Capsule Squee/Pelsher - T12-2800
19. Gemard Fusion 1 x 2 Forceps 0.5 mm - 14-3200E
20. Cook Speculum Medium - 10-1402
21. Grade Scissors - 190-550
22. Seven Clamp Medium - 14-9907
23. Eye Shield Plastic - 1100-429M
24. Suction Cup (for above lens) - 18-8028
25. Tissue Forceps Bipolar Nonstick - 2700-884NS



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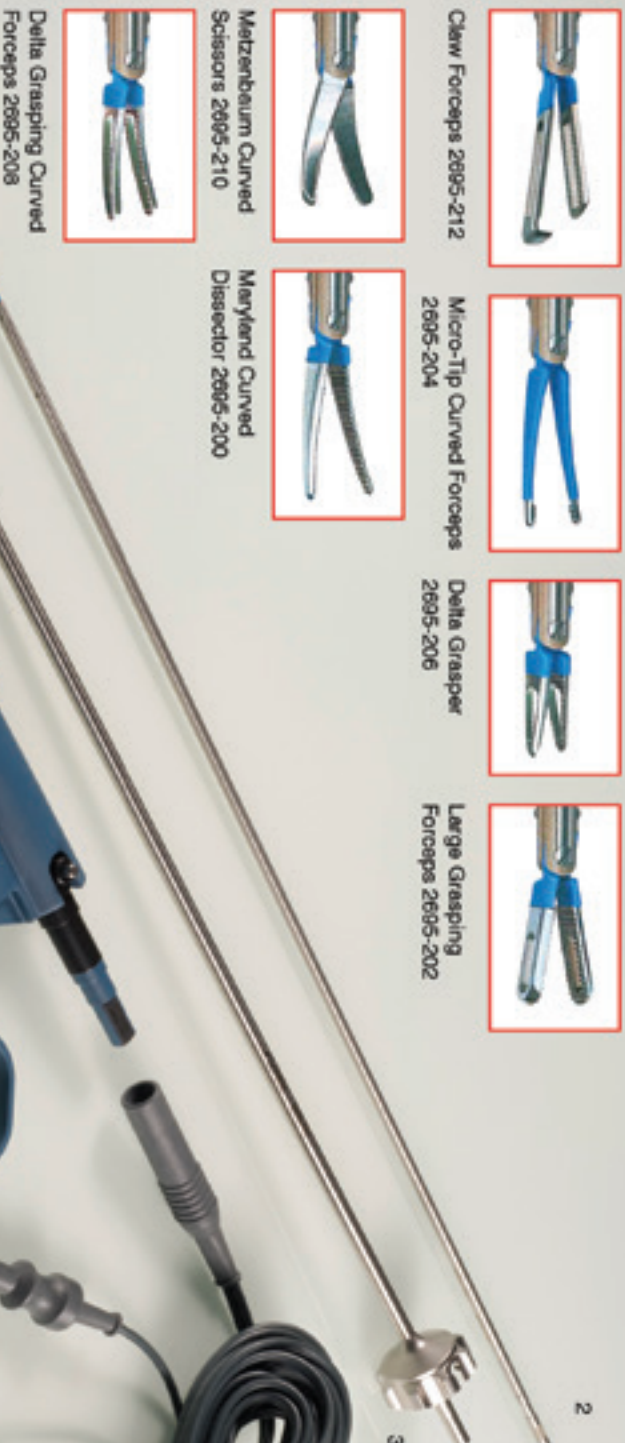
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# SONTEC LAPAROSCOPIC BIPOLAR

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



Claw Forceps 2695-212

Micro-Tip Curved Forceps 2695-204

Delta Grasper 2695-206

Large Grasping Forceps 2695-202

Metzenbaum Curved Scissors 2695-210

Maryland Curved Dissector 2695-200

Delta Grasping Curved Forceps 2695-208



## BIPOLAR POWER GRIP & BIPOLAR POWER CUT

### COAGULATION INSTRUMENTATION

Universal and rotatable handpiece offers a variety of tip options sold individually or as a set

1. Universal Handle Rotatable 360° / 2695-150
2. Maryland Curved Dissector / 2695-200
3. Obstructor Outer Shaft / 2695-110
4. 5 m Bipolar Cord Banana Plug / 2695-100

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# NECESSARY SELECTIONS

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



- 1 Westcott with wide grip - 13-3301
- 2 0.5 Bishop Harmon - T14-3805
- 3 Ceramic Stevens - 1200-690
- 4 Jewelers #4 - 2200-0014
- 5 Barraquer - T10-1000
- 6 Barraquer - T10-1005
- 7 Colibri 0.12 fluted handle - 14-5395
- 8 Castroviejo speculum - 10-1700C
- 9 Dert TC - 132-354
- 10 2.5 mm Burr - 11-4612
- 11 Easy Change Handle - 16-3100
- 12 0.5 Binkhorst - 16-3107B
- 13 Strabismus Power Cut - 1200-023
- 14 Manhester 0.3 - T14-3060

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# SONTEC EXPERTS OF INSTRUMENTATION

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



- 1 Verges Pizzo Chopper - 12-1407
- 2 Stevens Ergonomical Scissors - 1200-708
- 3 Castroviejo Colibri - 14-2200
- 4 Pigtail Probe with Hook - 16-2600
- 5 Easy Change Pizzo I/A Cannula System - 16-3100
- 6 0.5 mm 90° Pizzo Tip - 16-3103D
- 7 Plastic Eye Shield - 1100-429L
- 8 Thopce Caliper - 12-8400
- 9 Eye Shield Set - 18-8028
- 10 Serrafe - 14-8985
- 11 Castroviejo Retractor - 10-1701C
- 12 Trautman Scissors - 13-1510
- 13 Silcock Eye Spheres
- 14 Gill Weasas Scissors - 13-5415
- 15 Barraquer Speculum - T10-1010
- 16 Tennant Forceps - 1200-072
- 17 Micro Alligator - 14-9570
- 18 Sheppard Lens Forceps - T14-8940
- 19 Wilder Lens Loop - 12-4402
- 20 20 Gauge Vitreotomy Scissors - 13-6000
- 21 Grife Fixation Forceps - 14-5122
- 22 Rosh Strich Scissors - 13-4025
- 23 Jewelers Dipolar Nonack - 2700-824
- 24 Ana Needle Holder - 15-3830
- 25 Jable Forceps - T14-8900

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# PEAPOODS BY SONNTEC

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING

Select from a variety of jaw sizes, angles and shaft lengths. Peapods offer the perfect jaw design for tight small and hard to navigate joint areas!



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# TAKAHASHI RONGEURS

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



Select from a variety of jaw sizes, angles and shaft lengths. Peapods offer the perfect jaw design for tight small and hard to navigate joint areas!

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**SONTEC MINIMAL INVASIVE SURGICAL INSTRUMENTATION**  
FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



1. Hook Scissors 4.5 mm / 1271-470
2. Kerrison Endoscopic / 404-6025E
3. Wedgegrasper Jr. 2.7 mm / 1273-171
4. Cannula with Stopcock 3.2 mm / SC99-0315
5. Biopsy Grasper with Ratchet / 1271-020H
6. MIS Micro 20 Gauge Scissors / 13-6630
7. Micro Scissors Large Gauge / 13-5710
8. Micro Neuro Bayonet Scissors / 2900-016

**DID YOU KNOW?**

Sontec specializes in MIS instruments including but not limited to: Laparoscopic, Thoracoscopic, Microdissection, Endoscopic Neuro/Brain Surgery, Arthroscopy, Vitrectomy and Intraocular instrumentation designed for the future of surgery.

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9. MIS Scissors 15° Axial / 2800-230
10. MIS Cannula Trocar / 20007-17
11. Atraumatic Forceps 3 mm / 2901-201
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In collaboration with Jorge Mura, MD, FACS, IFMAANS, Chief of Cervicocranial and Skull Base Surgery, Institute of Neurosurgery Asierio, Department of Neurological Surgery, Clinica Las Condes, Assistant Professor of Neurological Surgery, University of Chile.



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10. Dissector 412-550T
11. Axial Curette 320-886D
12. Dissecting Suction Elevator 478-360
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comfort. Removable  
if needed

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0-30,000 Lux  
at 16"/40 cm  
working distance

Easy change battery  
fixture holds one  
battery while the  
backup is charging



Removable / sterilizable  
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beam direction

Battery indicator /  
Low battery indicator

Sold with 2 batteries, each with  
4 hours of power at 100% output  
and a lightweight carrying case

Designed to remove shadows  
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- Orthopedic
- Spinal
- Abdominal

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variability 20-110 mm  
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distance

Ideal color  
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**Product update: HEINE® LoupeLight 2**

With HEINE HR or HRP Binocular Loupes for a perfect view.

The combination of light and loupe delivers the ultimate in performance as high quality illumination with LEDHQ maximises the image quality of the loupe.

For a perfect view and a precise diagnosis, the LoupeLight 2 is now 25% brighter than its predecessor model, with a homogeneous edge-to-edge illumination of typ. 55,000 lux.

For intensive use, the LoupeLight 2 now features a replaceable connecting cord which connects the device to the mPack mini – the new and compact power source for the LoupeLight 2 (product description see overleaf).

**NEW!**  
 ✓ Now 25% brighter due to improved LED technology  
 ✓ Replaceable connecting cord



Replaceable connecting cord with high-quality splashproof threaded connector for heavy duty use.

Now even 25% brighter

**LEDHQ**  
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HR 2.5x High Resolution Binocular Loupes. Achromatic optics for crisp, bright images.

**HEINE® MicroLight 2**

Ultralight, universal headlight.

For those who need a compact, lightweight illumination solution without magnification, we offer the MicroLight 2. Featuring LEDHQ illumination for homogeneous illumination with true and natural colour rendering for every examination situation. Two mounting options offer individuality and easy handling. Illumination without compromises, in a lightweight design.



HEINE MicroLight 2 on S-FRAME



HEINE MicroLight 2 on Lightweight Headband

See overleaf for ordering information.



**HEINE® mPack mini** – The compact and light power source for LoupeLight 2 and MicroLight 2.

The new, high performance power source HEINE mPack mini for LoupeLight 2 and MicroLight 2 offers freedom from cables that tie the users to desk, wall or static power sources. With a weight of just 95g and dimensions of 44 x 23 x 101 mm, this mobile power source is now approximately approx. 70% smaller and lighter than its predecessor.

The pouch, which is included in the delivery, can be attached to the belt. The mPack mini can also be charged whilst in the pouch. Thanks to the LI-ion battery technology the power source has an operating time of typ. 9 hours, in continuous operation at maximum power typ. 4 hours. The mPack mini is flexible in charging due to its USB connector. Charge it via laptop, desktop or USB charger.

**NEW!**  
 ✓ 70% smaller and lighter  
 ✓ Operating time typ. 9 hours  
 ✓ Charging time typ. 4 hours



USB charging option



Size comparison of HEINE mPack LL/mPack mini

LoupeLight 2 Sets with HR Binocular Loupes	
HR 2.5x optics with i-View on S-FRAME, LoupeLight 2, detachable yellow filter, mPack mini, mPack mini Belt Clip, E4-USB plug-in transformer, protective lenses, 2 sterilisable levers, retaining cord, cleaning fluid, cleaning cloth, carrying case	
340mm working distance	C-008.32.450
420mm working distance	C-008.32.451
520mm working distance	C-008.32.452
MicroLight 2 Sets	
MicroLight 2 on S-FRAME with mPack mini, mPack mini Belt Clip, E4-USB plug-in transformer, retaining cord and cleaning fluid in case	J-008.31.276
MicroLight 2 on Lightweight Headband with mPack mini, mPack mini Belt Clip, E4-USB plug-in transformer, case	J-008.31.277
Single Devices	
LoupeLight 2 for HR/HRP Loupes with i-View loupe mount	C-008.32.226
mPack mini with LI-ion rechargeable battery and E4-USB plug-in transformer	X-007.99.650
mPack mini with LI-ion rechargeable battery, without E4-USB plug-in transformer	X-007.99.649
Connecting cord SC1 (1.6m) for LoupeLight 2 or MicroLight 2/mPack mini	C-000.32.240

For further ordering information please contact your HEINE distributor **Sontec Instruments**

**Sontec Instruments**  
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