



# Sontec Instruments®

A TRADITION OF FINE SURGICAL INSTRUMENTS

PLASTIC ENT CATALOG

Dear Customer,

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

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

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

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

Sincerely,



Dennis Russell Scanlan III

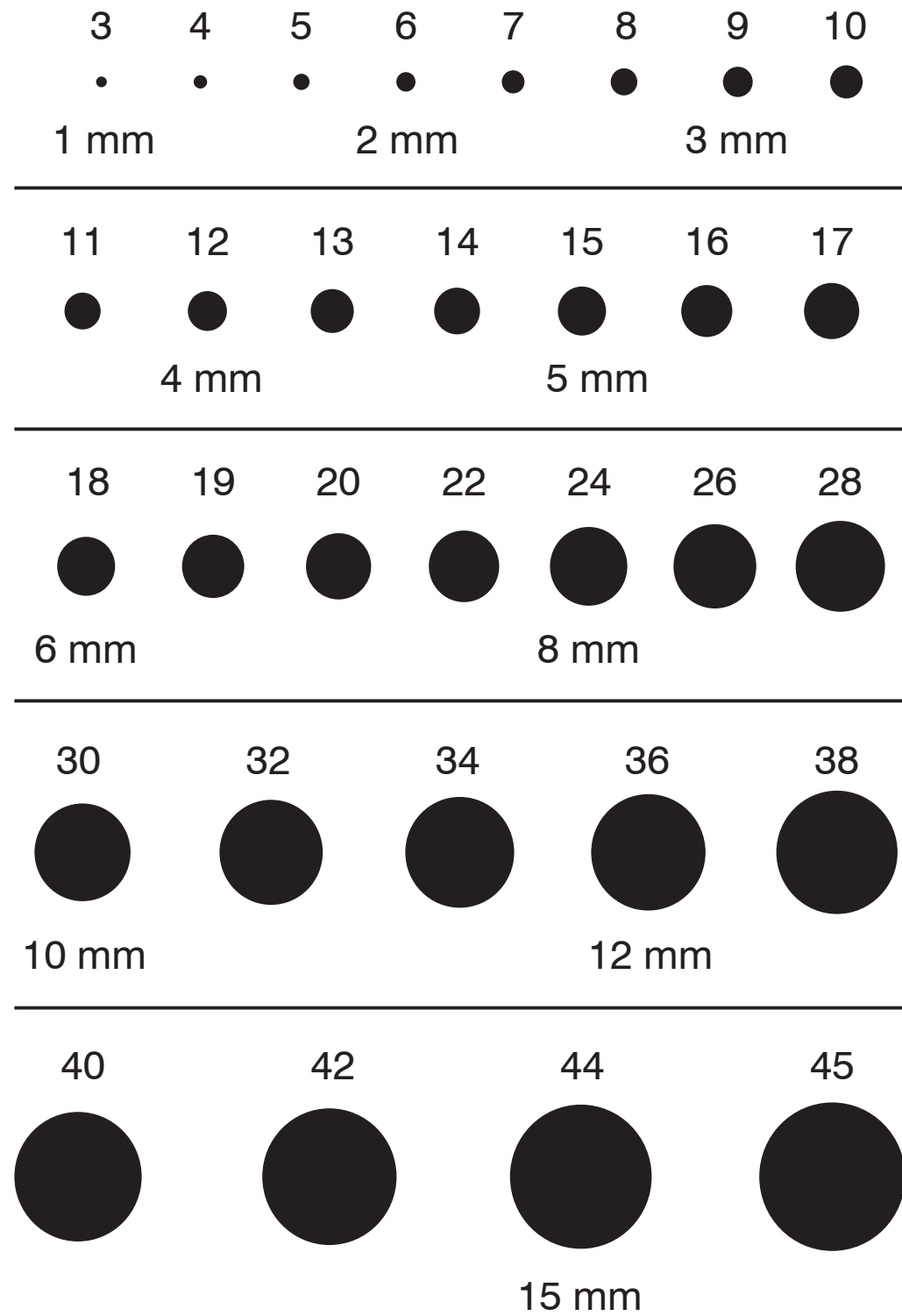
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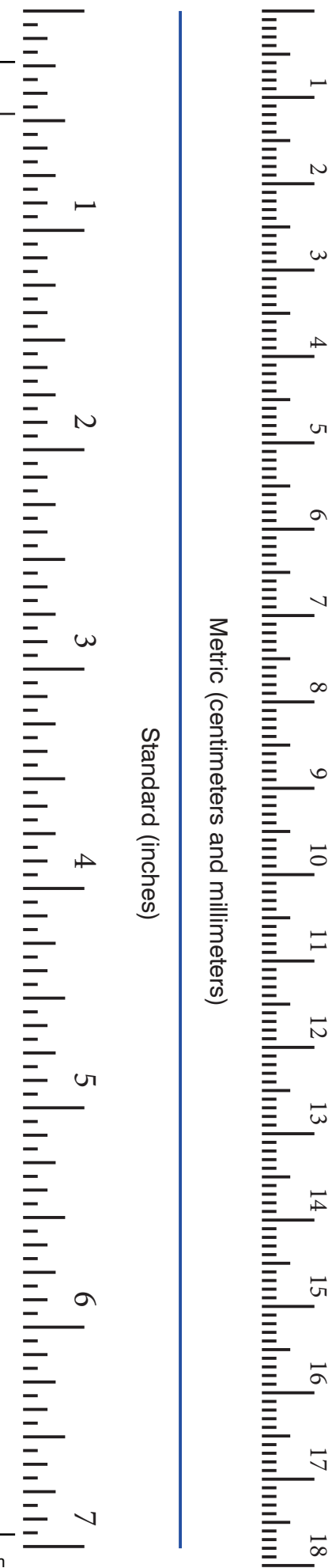
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Conversion Table



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		



## 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.



 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

**Staley Round Knurled Knife Handle**

Aluminum / 6" (15.2 cm)

117-571



117-571

**Sontec Knife Handle #3XXL**

16" (40.6 cm)

1100-8681



**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

**Blake Blade Holder**

Fits size blades #10, 11, 12, 12D, 15, 15C

1100-7413



1100-7413

**Siegel Knife Handle**

Fits surgical blades 10-15 / round handle

117-588



117-588

**Gubish Surgical Pen Holder Set**

5 1/4" (13 cm)

117-593



chuck

117-593



 Sontec Instruments®

ENT SINUSCOPY

**Sontec Micro Alligator Forceps**

Delicate / lacrimal ducts / 4 mm x 0.9 mm jaw / 3 1/4" (8 cm) shaft

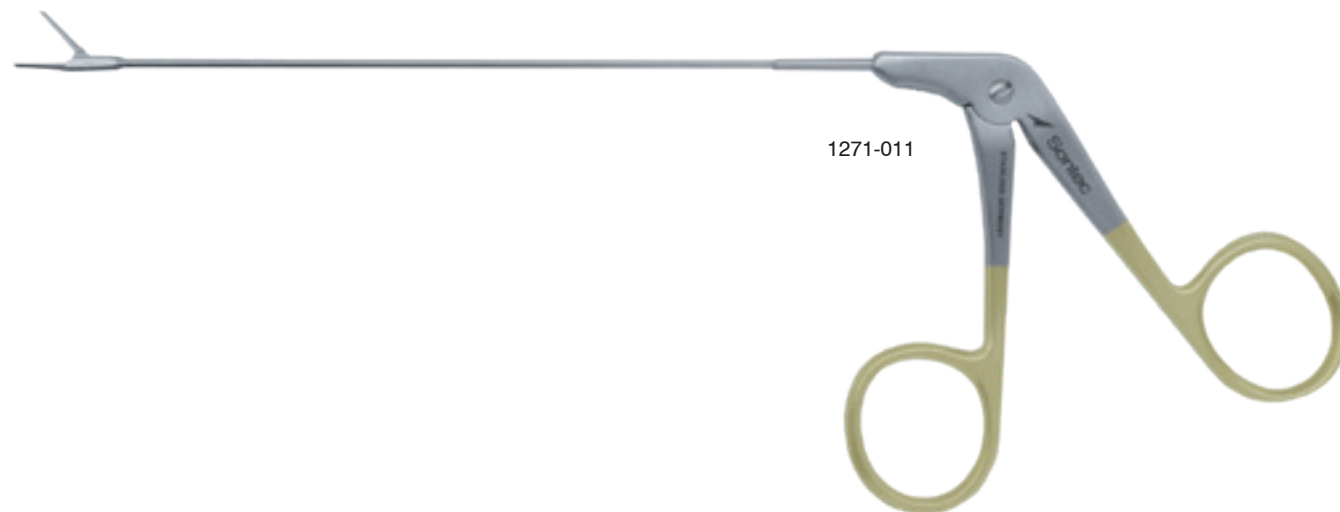
- 469-040 straight with lock
- 469-050 angled right with lock
- 469-048 angled left with lock
- 469-036 straight without lock



**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



**Alligator Forceps**

With lock / delicate jaw / 3 1/2" (9 cm) delicate shaft

- 1100-328S short jaw



**Side Biting Alligator Forceps**

10 mm jaw

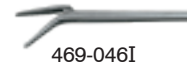
- 469-009 TC 2 1/4"
- 469-010 TCD 3 1/2"
- 469-012 TC 2 1/2"



**Micro House Alligator Forceps**

**Extremely delicate / 3 1/2" (8.9 cm) shaft**

469-041Q 3 mm x 0.6 mm jaw



469-046I

**0.6 mm x 7 mm jaw / 3 1/4" (8 cm) shaft**

469-042Q angled up

469-046Q angled down



469-041I



469-042I

**Micro Sontec® Alligator Forceps**

**Extremely delicate / 3" (9 cm) shaft**

469-039 straight 4 mm x 0.9 mm jaw

469-041 straight 4 mm x 0.6 mm jaw

469-044 angled up 4 mm x 0.6 mm jaw

**Extremely delicate / smooth TC Dust / straight / 4 mm x 0.9 mm jaw / 3" (9 cm) shaft**

469-038



469-041



469-038

**Micro House Biopsy Alligator Forceps**

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

469-070	straight	1.2 mm x 0.9 mm oval cup
469-071	straight	1.0 mm x 0.6 mm oval cup
469-072	angled up	1.0 mm x 0.6 mm oval cup
469-074	angled down	1.0 mm x 0.6 mm oval cup
469-078	angled right	1.0 mm x 0.6 mm oval cup
469-076	angled left	1.0 mm x 0.6 mm oval cup

**3" (7.5 cm) shaft**

469-070B	straight	1.2 mm x 0.9 mm oval cup
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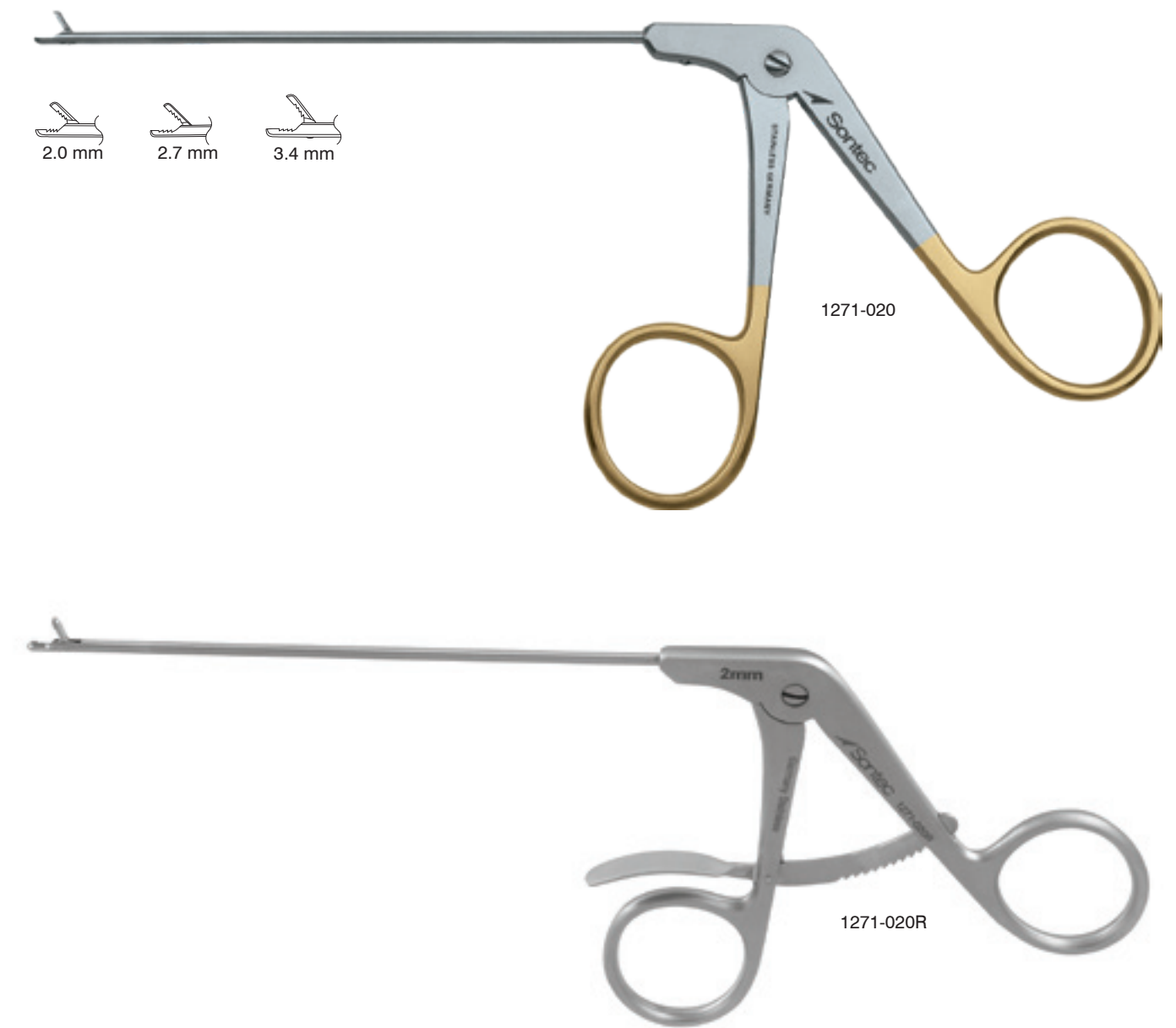


**Arthroscopic Grasping & Biopsy Combo Rongeur Forceps**

**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) shaft rear actuator hand

\* Available in 4.5 mm, please ask for details



**Micro Biopsy Forceps with Flexible Tubular Shaft**

Tapered tubular shaft / 1mm round cup jaw

- 1271-0151 3 1/2" (9 cm)
- 1271-0152 5 1/2" (14 cm)
- 1271-0153 6 1/2" (16.5 cm)
- 1271-0154 9" (23 cm)

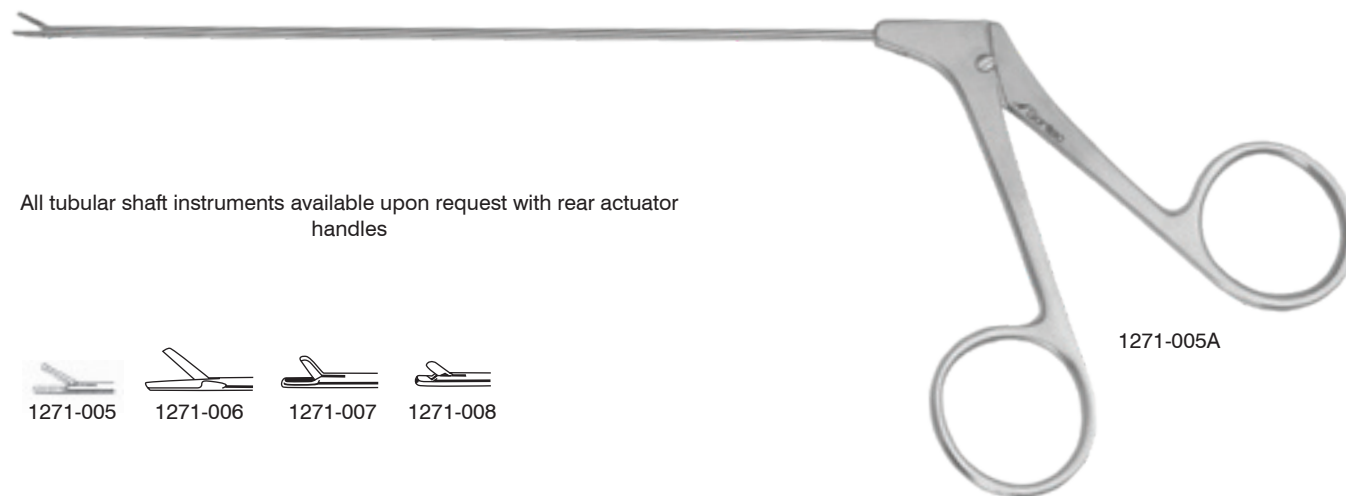


1271-0151

**Mini Arthroscopic Small Joints Rongeur Set**

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



1271-005A

All tubular shaft instruments available upon request with rear actuator handles

- 1271-005
- 1271-006
- 1271-007
- 1271-008

**Frontal Sinus Giraffe Punch**

Double Action Cup / 50 degrees / 5 3/4" (14.6 cm) shaft

- 468-340 vertical 2 mm
- 468-342 horizontal 2 mm

Double Action Cup / 90 degrees / 5 3/4" (14.6 cm) shaft

- 468-343 horizontal 2 mm
- 468-344 vertical 2 mm



468-340



468-342



468-343

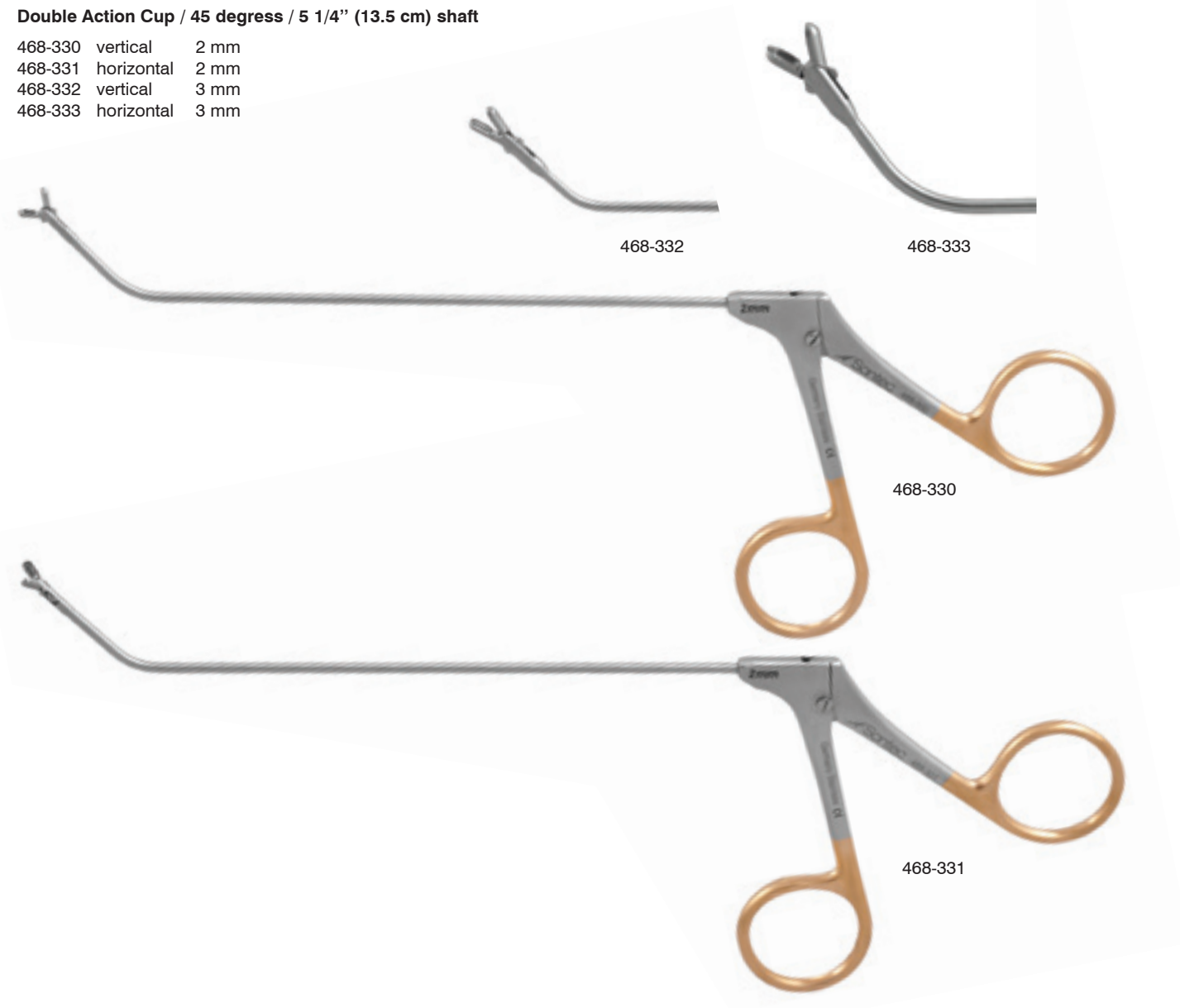


468-344

**Frontal Sinus Giraffe Forceps**

Double Action Cup / 45 degrees / 5 1/4" (13.5 cm) shaft

- 468-330 vertical 2 mm
- 468-331 horizontal 2 mm
- 468-332 vertical 3 mm
- 468-333 horizontal 3 mm



**Micro Biopsy Forceps with Flexible Shaft**

Flexible shaft / 2.2 round cup jaw / 6" (15.2 cm) flexible shaft

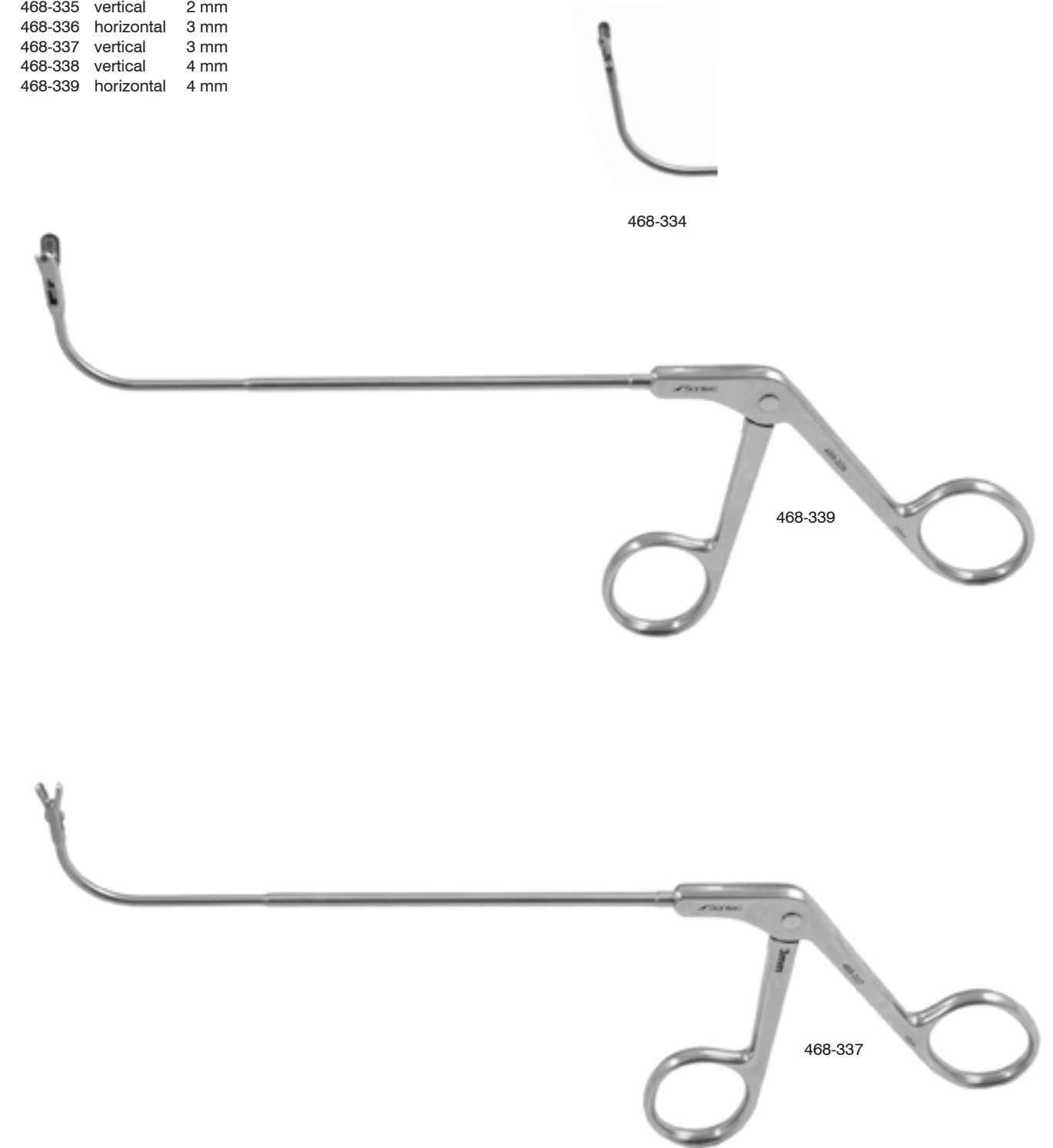
1271-0156



**Frontal Sinus Giraffe Forceps**

Double Action Cup / 90 degrees / 5 1/4" (13.5 cm) shaft

- 468-334 horizontal 2 mm
- 468-335 vertical 2 mm
- 468-336 horizontal 3 mm
- 468-337 vertical 3 mm
- 468-338 vertical 4 mm
- 468-339 horizontal 4 mm



**Jurasz Laryngeal Forceps**

**Single articulating jaws / 9" (23 cm)**

- 502-271 lateral opening jaws
- 502-272 vertical opening jaws left
- 502-273 lateral opening jaws right
- 502-274 vertical opening jaws

**Double articulating jaws / 9" (23 cm)**

- 502-275 lateral opening
- 502-276 vertical opening



502-272



502-273

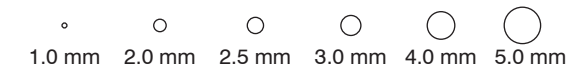


502-274

**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

**Fraenkel Laryngeal Forceps**

**Foreign body grasping forceps / double articulating jaws / vertical opening / 9" (23 cm)**

502-277



502-277

**Back Biter Ostrum Antrum Punch Rongeur**

**Straight / 5" (12.5 cm) shaft**

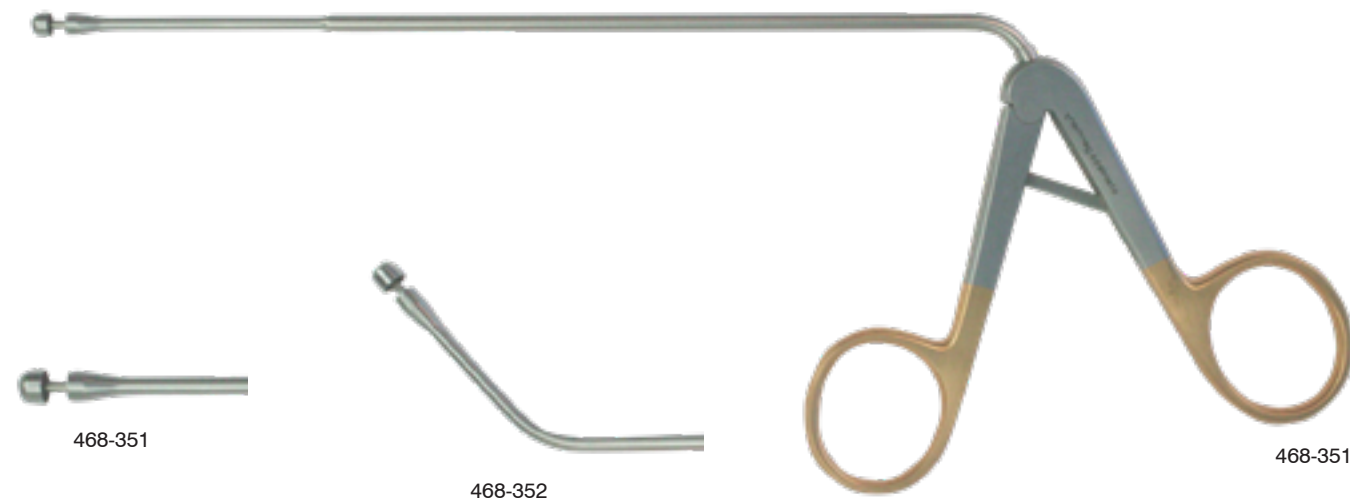
- 468-300 pediatric 1 mm x 4 mm bite
- 468-305 medium 1 1/2 mm x 8 mm bite



**Circular Cutting Antrum Punch Rongeur**

**Cuts a full 360 degrees without rotating the instrument / 7" (18 cm) shaft**

- 468-350 str 3.5mm
- 468-351 str 4.5mm
- 468-352 65° cvd up 3.5mm



**Biopsy Forceps**

**4 mm cup / double action / vertical jaw open / straight / 180 mm working length**

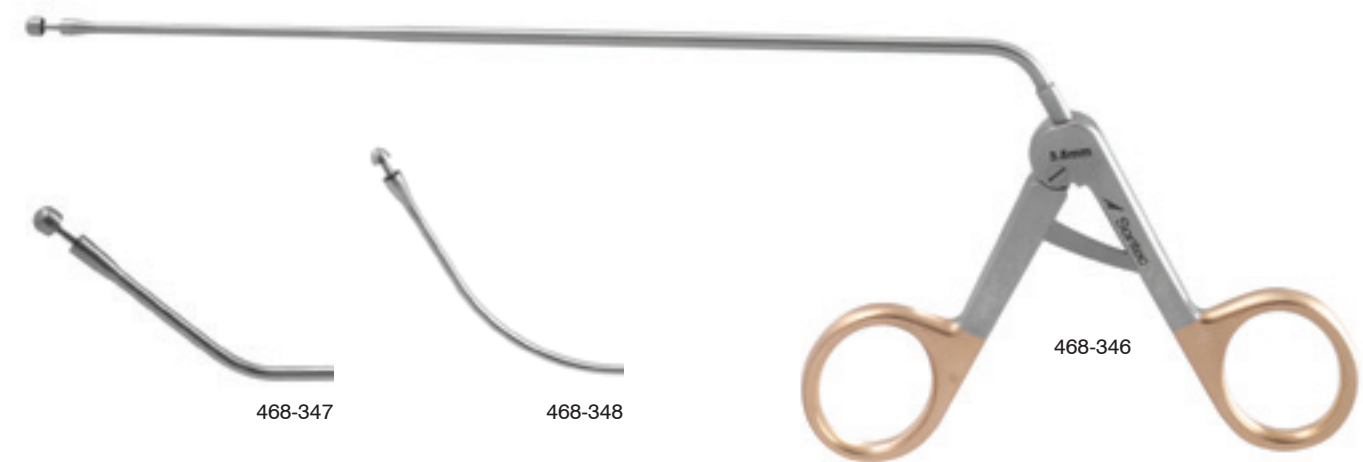
468-370



**Circular Cutting Antrum Punch Rongeur**

**Cuts a full 360° without rotating the instrument / 6 1/4" working length / 3.5 mm tip**

- 468-346 straight
- 468-347 45° curved up
- 468-348 65° curved up



**Micro Antrum Punch Rongeur**

360° rotatable shaft / backward biting / curved shaft / 100 mm working length

468-298 1.5 mm x 4 mm bite



**Antrum Biopsy Forceps**

Double action / vertical jaw / straight / 140 mm working length

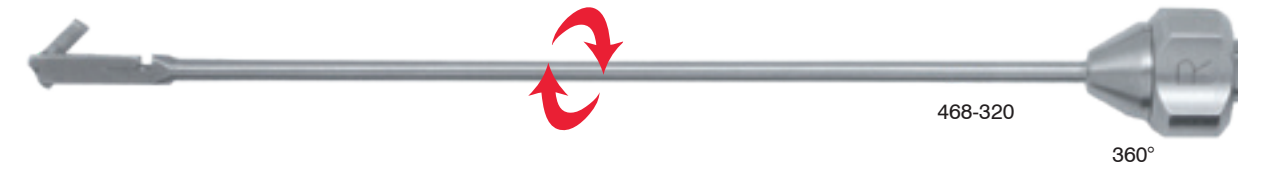
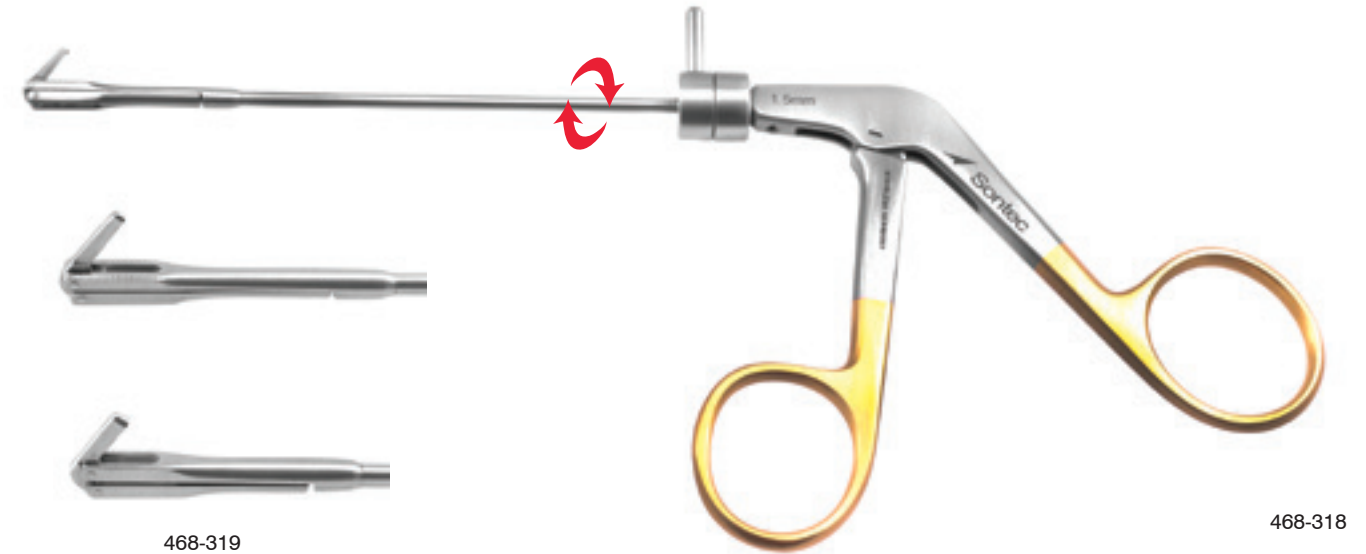
468-371 3 mm x 5 mm oval cup  
 468-372 2.2 mm x 3.8 oval cup  
 468-373 4 mm x 6 mm oval cup



**Back Biter Rotating Punch Rongeur**

360° rotatable / backward biting / 5 1/2" (14 cm) shaft

468-318 1.5 mm x 7 mm bite  
 468-320 2 mm x 7 mm bite  
 468-319 2.5 mm x 7 mm bite



360° rotatable shaft / backward biting / with suction / 100 mm working length / 5 1/2" (14 cm) shaft

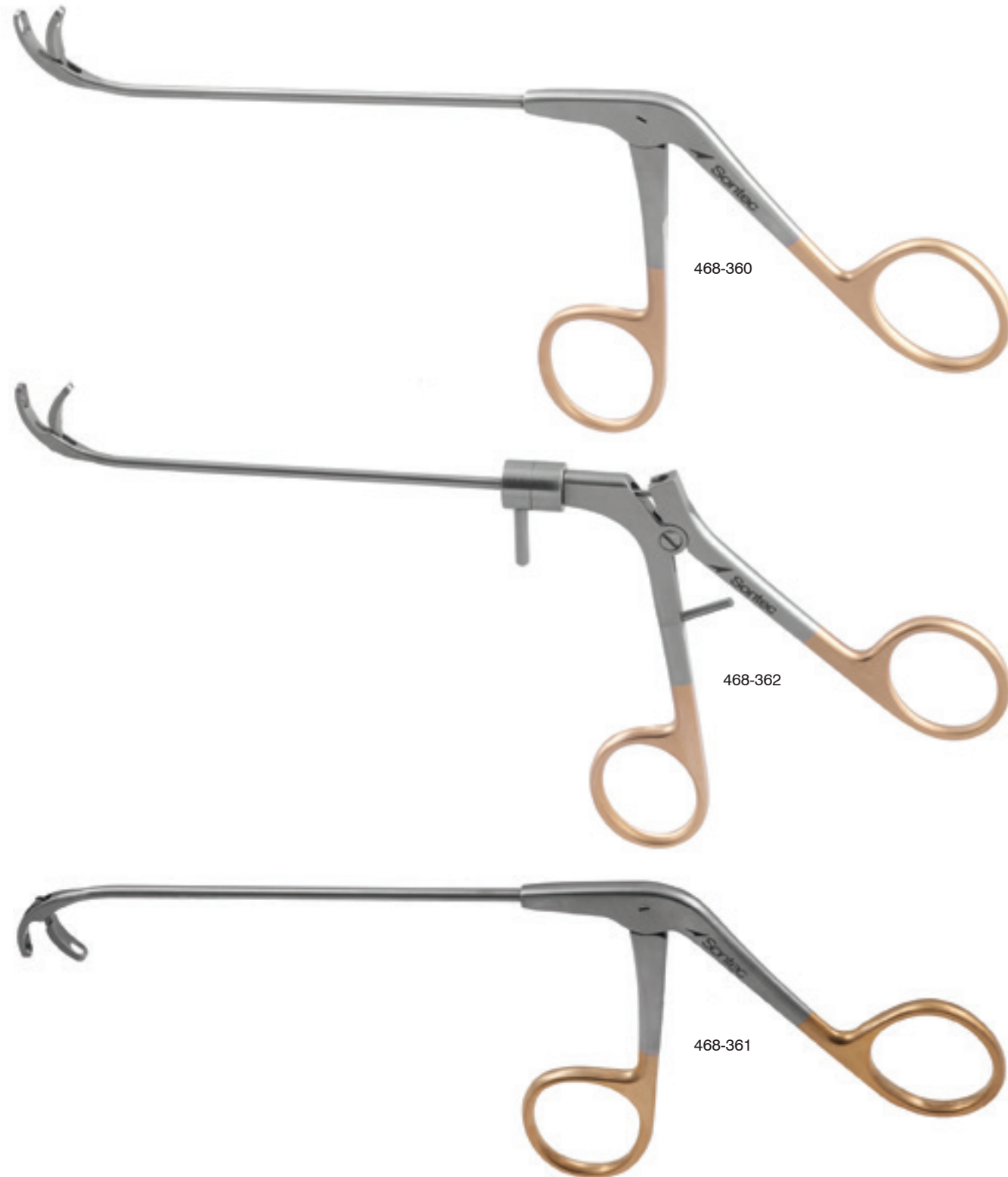
468-3185 1.5 mm x 6 mm bite



**Antrum Grasping Forceps**

90° to 120° backbiter jaw open / 10 cm working length

- 468-360 fixed shaft
- 468-362 360° rotatable shaft
- 468-361 fixed shaft downward bite jaw



**Frontal Ostium Nasal Rongeur**

70° curved up / 5 1/2" (14 cm) shaft

- 468-010 2 mm x 2.5 mm jaw pediatric
- 468-011 3 mm x 3.5 mm jaw
- 468-012 5 mm x 5 mm jaw



**Back Biter Ostrum Antrum Punch Rongeur**

Back cut / 5 1/2" (14 cm)

- 468-315 1.5 mm x 7 mm
- 468-316 2.0 mm x 7 mm
- 468-317 2.5 mm x 7 mm



**McIlwraith Arthroscopic Scissors Rongeur**

Scissor action / serrated / 1 mm x 14 mm cup / 5" (12.5 cm) shaft  
1404-855



**McIlwraith Basket Cutter Rongeur**

5" (12.5 cm)  
1404-857 2.5 mm x 8 mm jaw  
1404-858 3.5 mm x 8 mm jaw



**Nasal Scissors**

Serrated / 5" working length  
468-090 straight  
468-092 left  
468-094 right



**Nasal Scissors**

13 mm blunt blades /  
6 1/4" (16 cm) shaft  
468-104





 Sontec Instruments®

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



**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

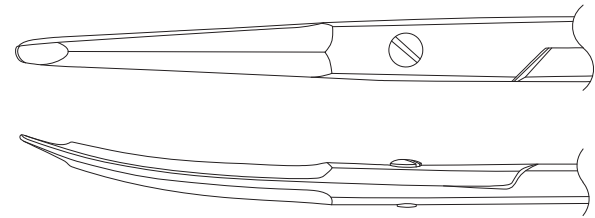


2400-827S

**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)



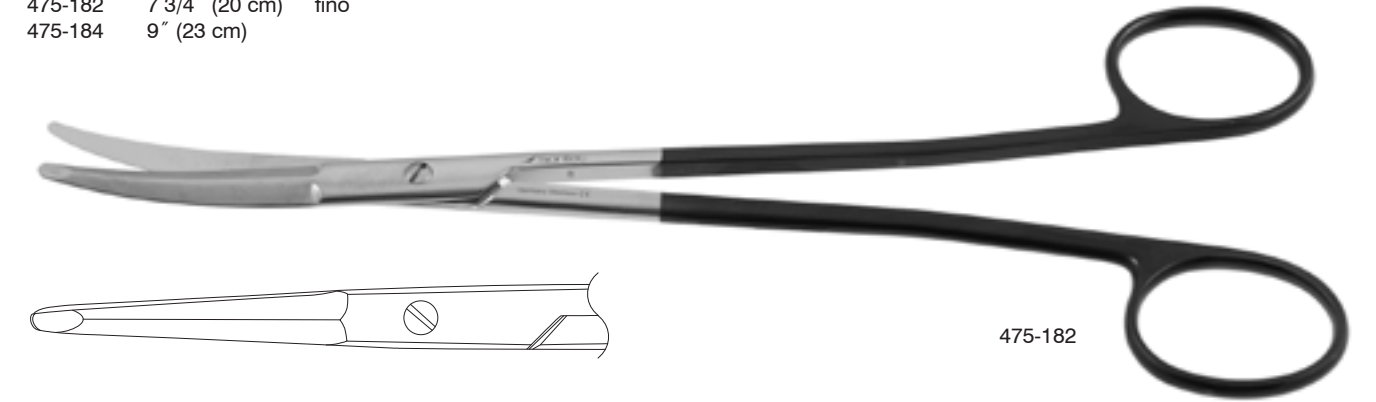
475-185



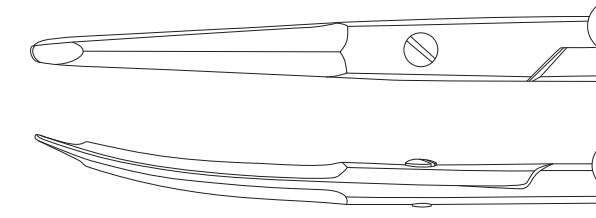
**Freeman-Kaye Ergonomic Spread Handle Saberback Scissors**

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

475-182 7 3/4" (20 cm) fino  
475-184 9" (23 cm)



475-182



475-184

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

Ergonomic / spread handle / double beveled blades / spatulated tip / curved / TC/PC / black ceramic / gold handles

475-188B 7" (17.8 cm)



475-188B

**Wilkinson Rhytidectomy Scissors**

TC/PC / curved / angled shaft / 7 1/2" (19 cm)  
475-250



475-250

**Black Kaye Scissors**

Saberback / PC black / curved / 5 3/4" (14.5 cm)  
1200-851



1200-851

**Kahn-Fomon Scissors**

Saberback / PC gold / spread handle / curved / 5 1/2" (14 cm)  
1200-392



1200-392

**Gorney-Kahn Scissors**

Saberback spatulated tips / TC / 5 3/4" (14.5 cm)

475-203 straight  
475-204 curved

TC / 8" (20 cm)

475-207 straight  
475-208 curved



475-204

**Aufricht Saberback Power Cut Black® Scissors**

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

1200-848 straight  
1200-849 curved

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

475-220 straight  
475-225 curved



1200-848

**Kahn Face-Lift Scissors**

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

- 475-174 straight
- 475-175 curved



475-174

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

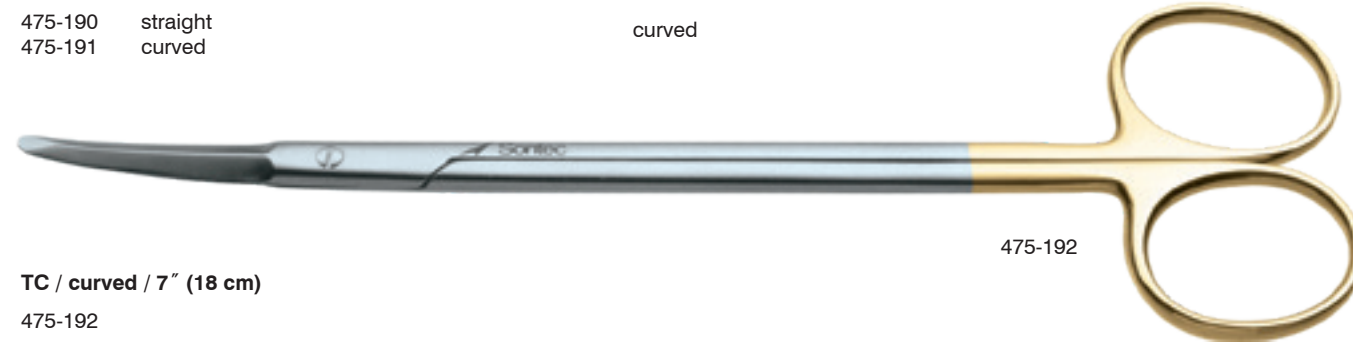
- 1200-830 straight
- 1200-831 curved



curved

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

- 475-190 straight
- 475-191 curved



475-192

**TC / curved / 7" (18 cm)**

- 475-192

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

- 475-194 straight
- 475-195 curved

**PC two-tone silver / 7 1/2" (19 cm)**

- 475-196 straight
- 475-197 curved

**Trepsat Face-Lift Scissors**

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

- 1200-925 PC straight



**Plastic Surgery Scissors**

**Sharp/sharp / classic / 4 3/4" (12 cm)**

- 2400-045 straight
- 2400-047 curved

**Sharp/sharp / PC gold / 4 3/4" (12 cm)**

- 2400-053 straight
- 2400-055 curved

**Blunt/blunt / classic / 4 3/4" (12 cm)**

- 2400-049 straight
- 2400-051 curved

**Blunt/blunt / PC gold / 4 3/4" (12 cm)**

- 2400-057 straight
- 2400-059 curved

**Sharp/blunt / classic / 4 3/4" (12 cm)**

- 2400-043 straight
- 2400-044 curved

**Sharp/blunt / PC gold / 4 3/4" (12 cm)**

- 2400-061 straight
- 2400-063 curved



2400-053



sharp-sharp



blunt-blunt



sharp-blunt

**Littler Suture Carrying Scissors**

Fenestrated blade tips / curved / 4 3/4" (12 cm)  
475-164



**Giunta Tungsten Carbide Serrated Scissors**

TC / Angled up / bayonet  
475-148 straight blades 4 1/4" (11 cm)  
475-150 5" (12.5 cm)



**Biro Naevus Scissors**

Angled-up / sharp / 4" (10 cm)  
199-500  
199-501 PC gold  
199-501B PC Black

Angled-up / sharp / spread handle / 4" (10 cm)  
199-502 PC gold



**Swedish Gradle Scissors**

PC gold / ergonomic spread handle / sharp / 3 3/4" (9 cm)  
199-550



199-550

**Chadwick Scissors**

PC gold / sharp / curved / 4 3/4" (12 cm)  
1200-407



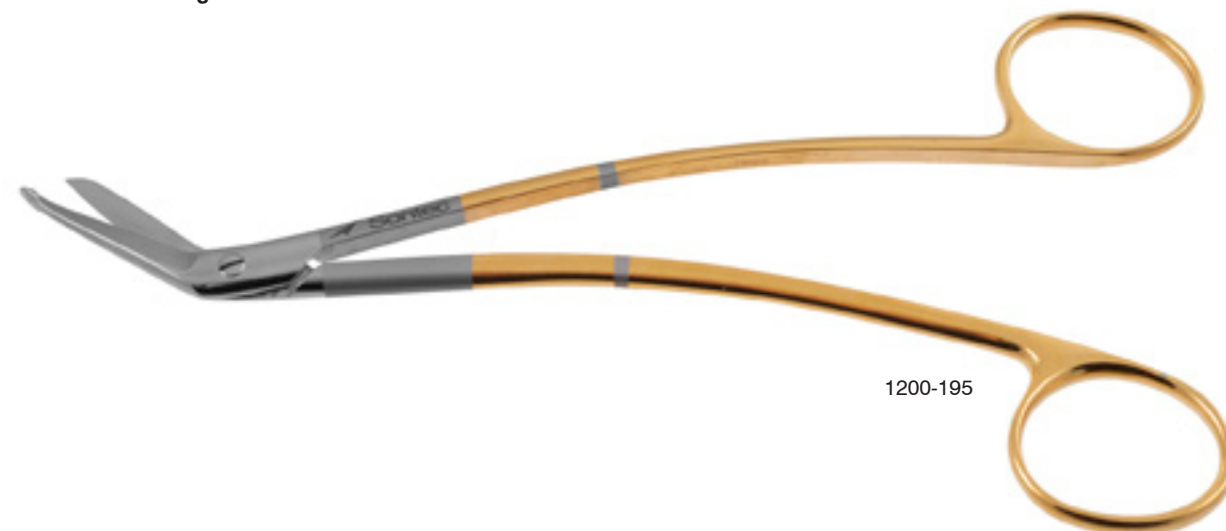
1200-407

open

side view

**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

**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

**Cooley Power Cut Gold® Scissors**

PC gold / 7 1/2" (19 cm)

- 2400-396 straight
- 2400-397 curved



2400-397

**Joseph Sharp Sharp Classic Power Cut Gold® Power Cut Black® Scissors**

PC Black / 5 1/2" (14 cm)

- 2400-728 straight
- 2400-729 curved



2400-728

PC Gold / 5 1/2" (14 cm)

- 2400-428 straight
- 2400-435 curved



2400-435

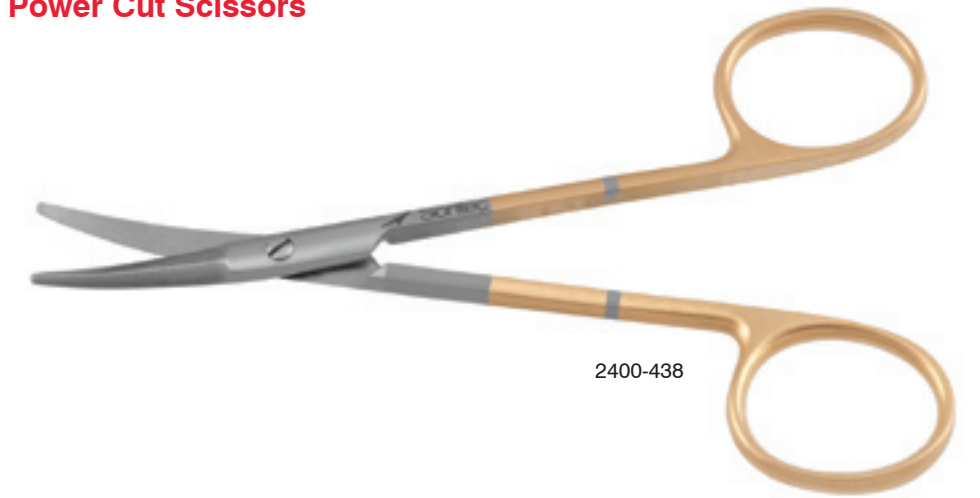
5 3/4" (14.5 cm)

- 110-312 straight
- 110-313 curved

**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



2400-438

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



2400-442



1200-945

**Kelly Power Cut Gold® Power Cut Black® Fistula Scissors**

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

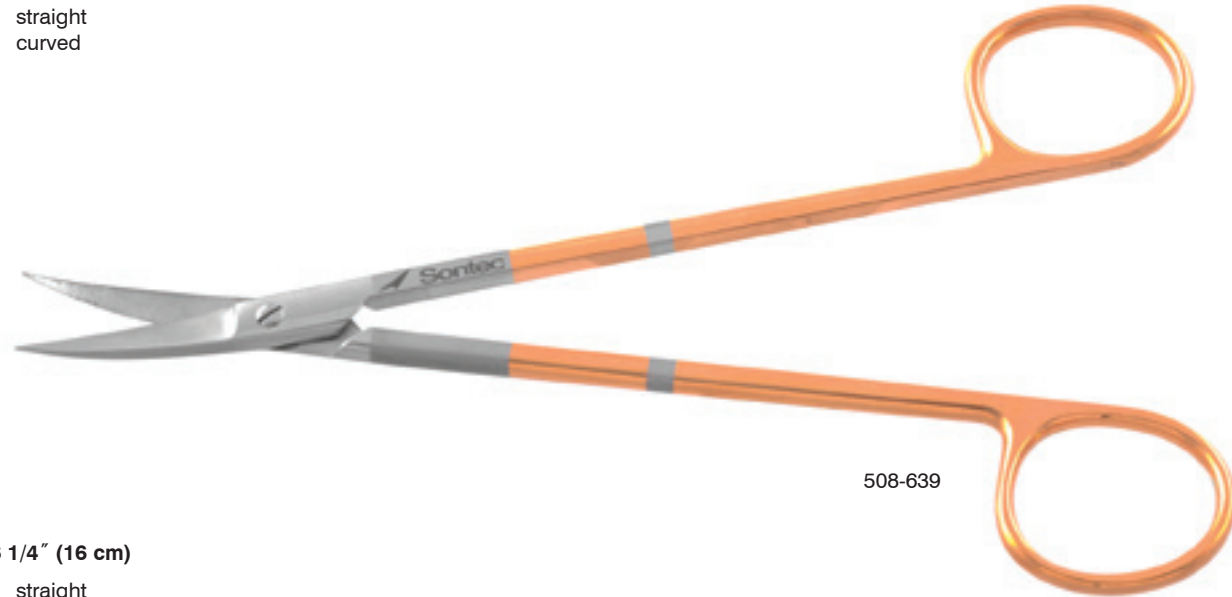
- 508-636 straight
- 508-637 curved



508-637

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

- 508-638 straight
- 508-639 curved



508-639

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

- 508-632 straight
- 508-633 curved



508-632

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

- 508-634 straight
- 508-635 curved

**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**

Curved / spread handle / 4 3/4" (12 cm)

- 1200-076 PC Gold
- 1200-076B PC Black



**Brown Scissors**

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

- 475-168 straight
- 475-170 curved



PC Black / 5 3/4" (14.5 cm)

- 475-168B straight
- 475-170B curved



**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



**Fomon Saberback Scissors**

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

- 475-140 classic
- 1200-400 PC Gold
- 1200-401 PC Black



1200-400

Semi-sharp outer edges / PC gold / curved / 4 3/4" (12 cm)

1200-399



1200-399



1200-401

**Sistrunk Scissors**

Curved / 5 1/2" (14 cm)

110-260

PC gold / curved

- 1200-410 5 1/2" (14 cm)
- 1200-411 6" (15 cm)



1200-411

PC black / straight / 6" (15 cm)

1200-840

**Castanares Scissors**

PC Gold / 6 3/4" (17.1 cm)

1200-445 straight



1200-445

**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

**Famous Saberback Scissors**

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

1200-386 straight

1200-387 curved

**PC black / tenotomy tip / 6 1/2" (16.5 cm)**

1200-386B straight

1200-387B curved

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

1200-388 straight

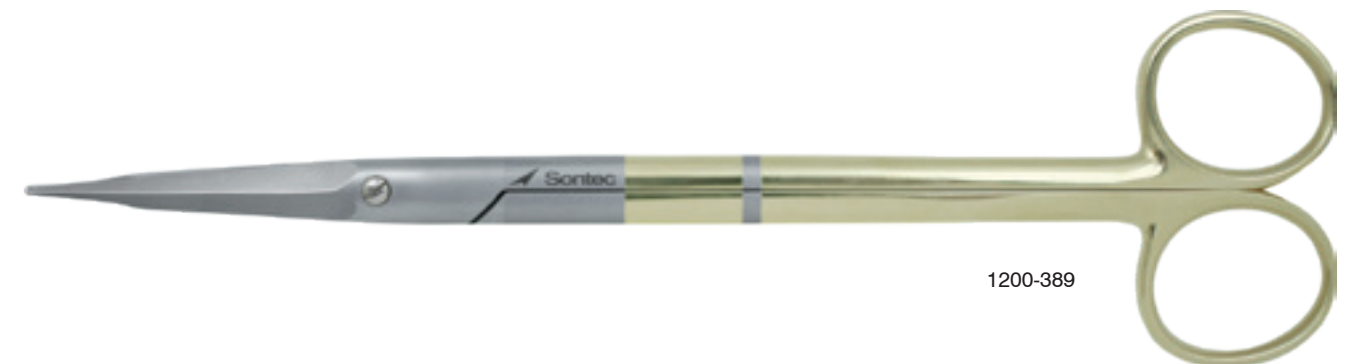
1200-389 curved



1200-387



1200-387B

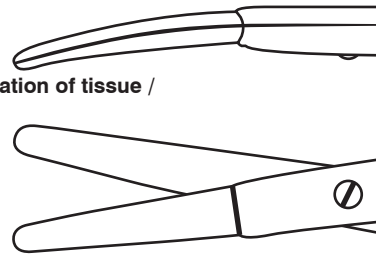


1200-389

**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

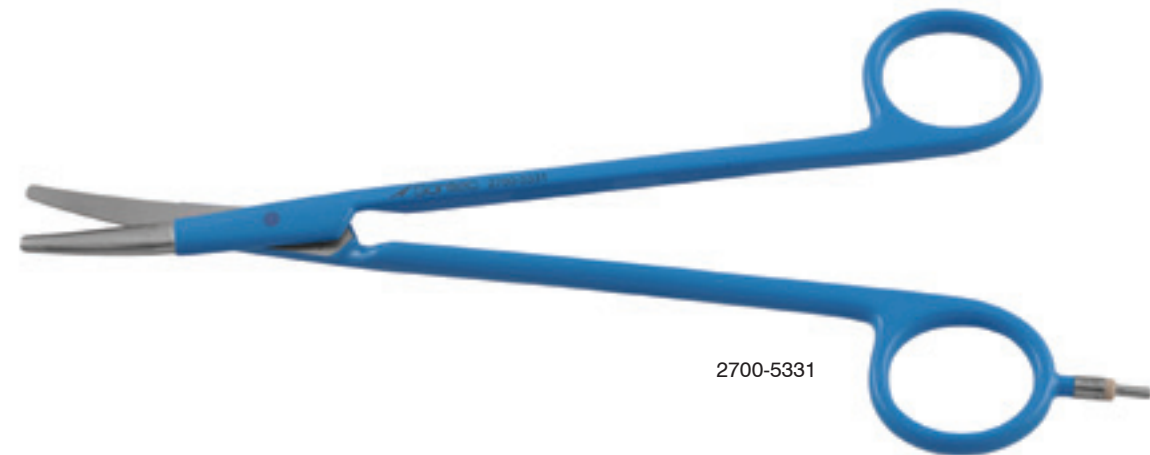
- 2700-5411 7"
- 2700-5431 8"
- 2700-5451 9"
- 2700-5471 11"

One prong cord / sold separately

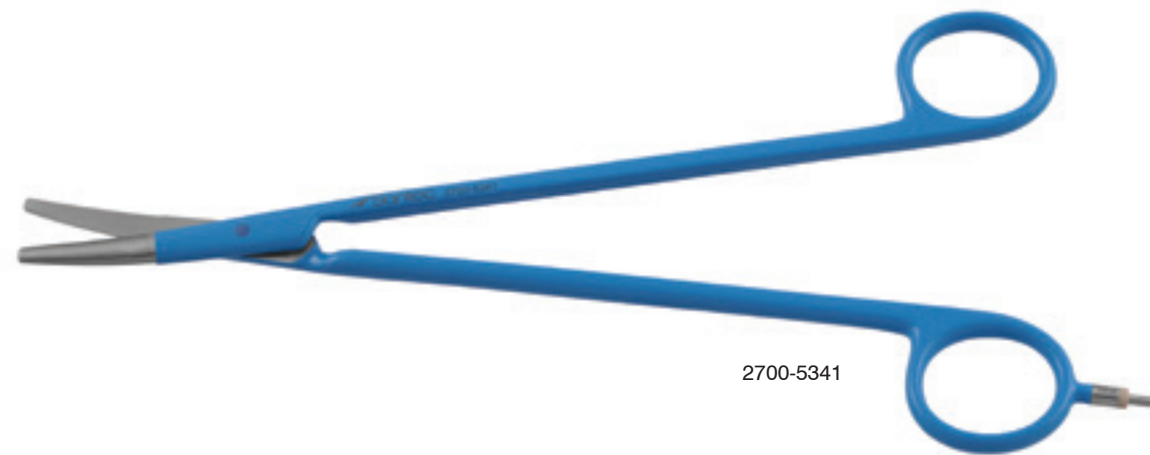
- 2700-5251 3 meter cord
- 2700-5271 5 meter cord



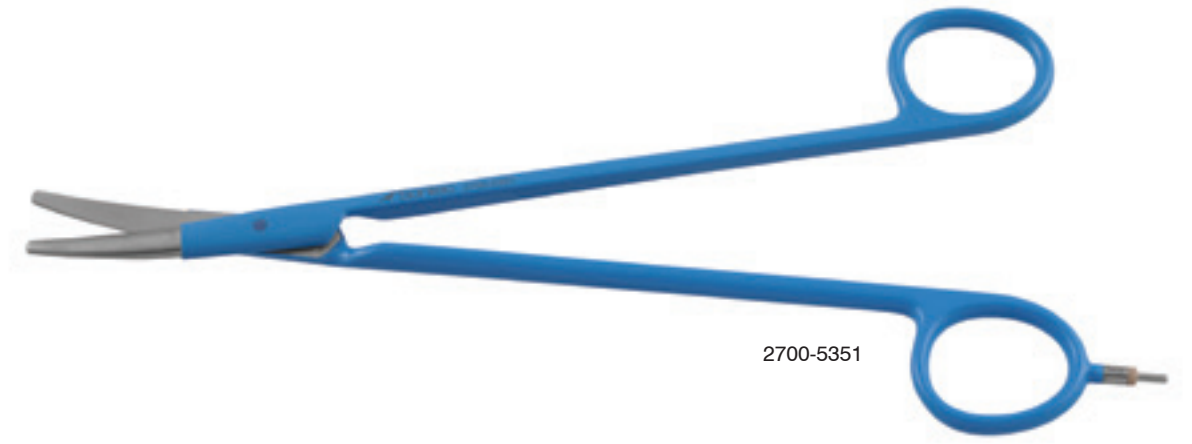
130-141-300



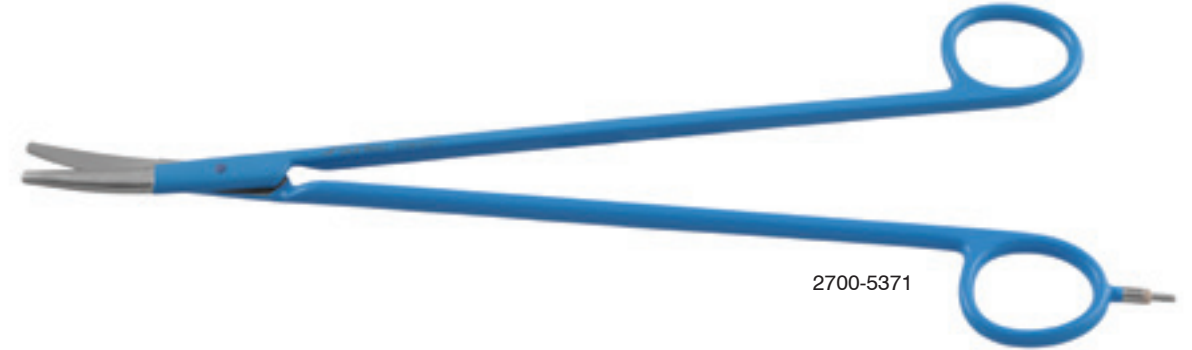
2700-5331



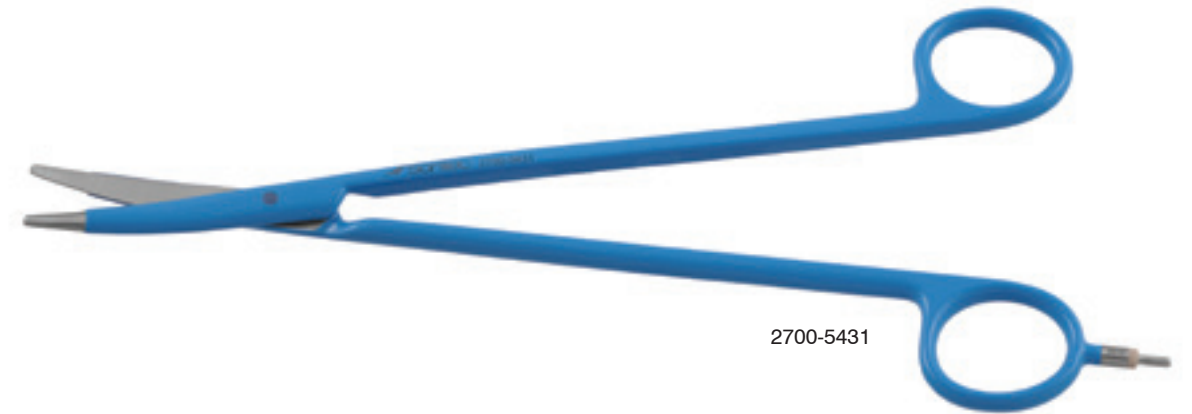
2700-5341



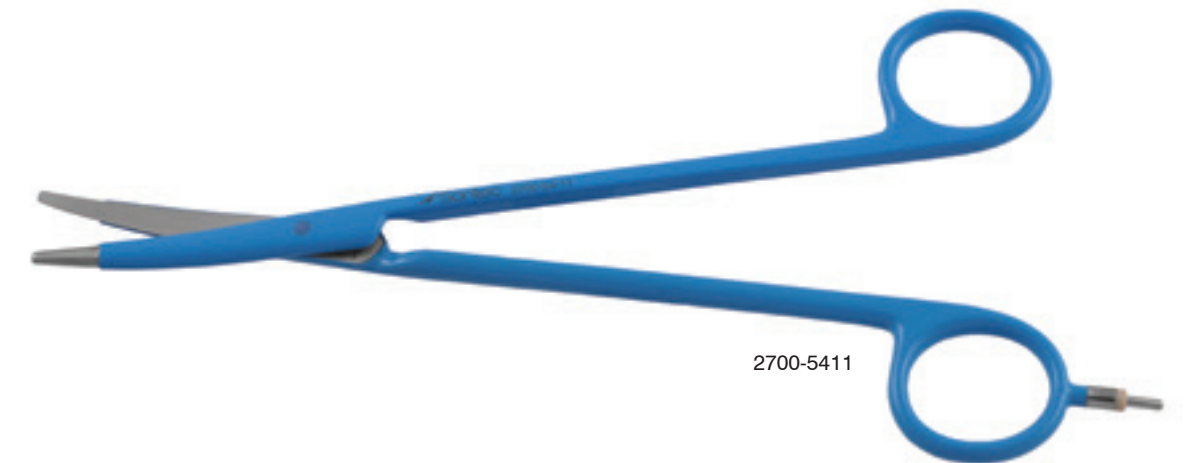
2700-5351



2700-5371



2700-5431



2700-5411

**Heymann Nasal Scissors**

PC gold / heavy / 7" (18 cm)  
475-302



475-302

**Knight Nasal Scissors**

Serrated / 7" (18 cm)  
475-300 classic  
475-304 PC black



475-304

**Knight Nasal Scissors**

Serrated / PC gold / 7" (18 cm)  
475-306 Right curved  
475-307 Left curved



475-306

**Gorney Turbinate Scissors**

PC gold / angled / 6 3/4" (17 cm)  
1200-420



1200-420

**Cottle-Dorsal Scissors**

TC / 6 1/2" (16.5 cm)  
475-295



475-295

PC black / serrated / 6 1/2" (16.5 cm)  
1200-808



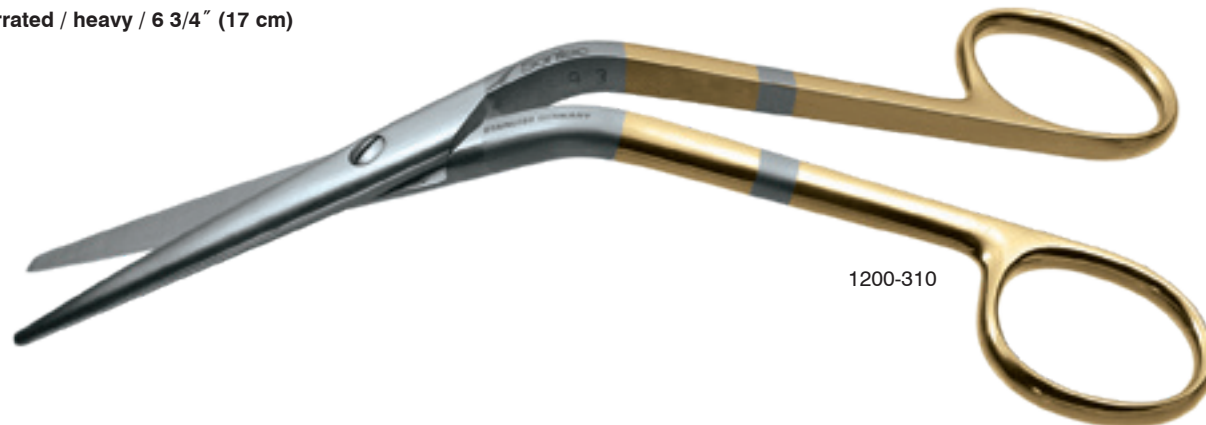
1200-805

PC black / serrated  
1200-805 6 1/4" (15.9 cm)  
1200-810 6 1/4" (15.9 cm) heavy



1200-810

PC gold / serrated / heavy / 6 3/4" (17 cm)  
1200-310



1200-310

**Cottle-Dorsal Scissors**

PC black / rounded Stille blades /  
serrated / blunt / 5 1/2" (14 cm)  
1200-806

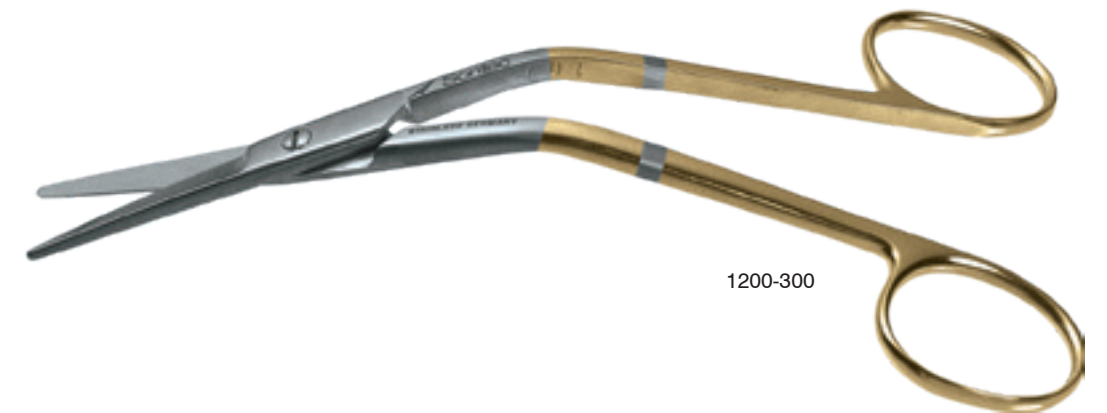


1200-806

**Foman-Dorsal Scissors**

PC gold / serrated / 5 3/4" (14 cm)  
1200-300 beveled blades

PC black / serrated / 5 1/2" (14 cm)  
1200-800 beveled blades



1200-300

**Foman-Dorsal Scissors**

PC black / 5 3/4" (14.6 cm)  
1200-812



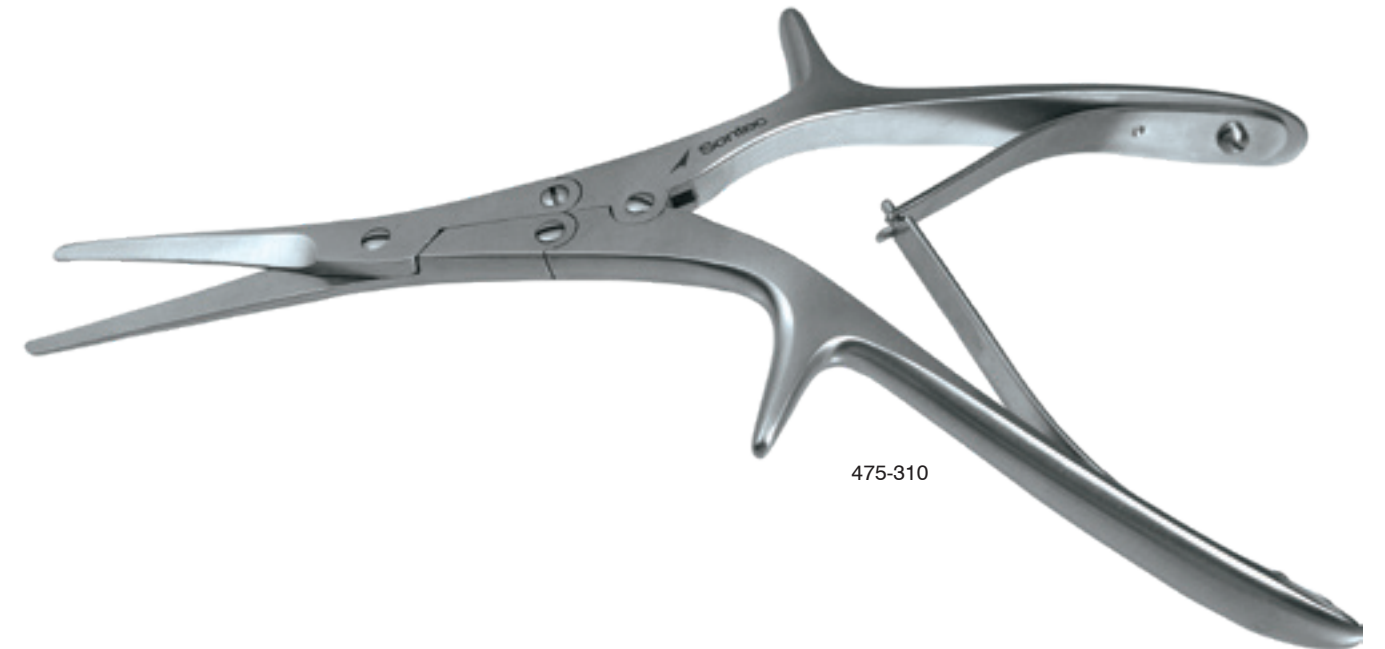
**Heymann Nasal Scissors**

PC black / light / 7" (18 cm)  
475-301



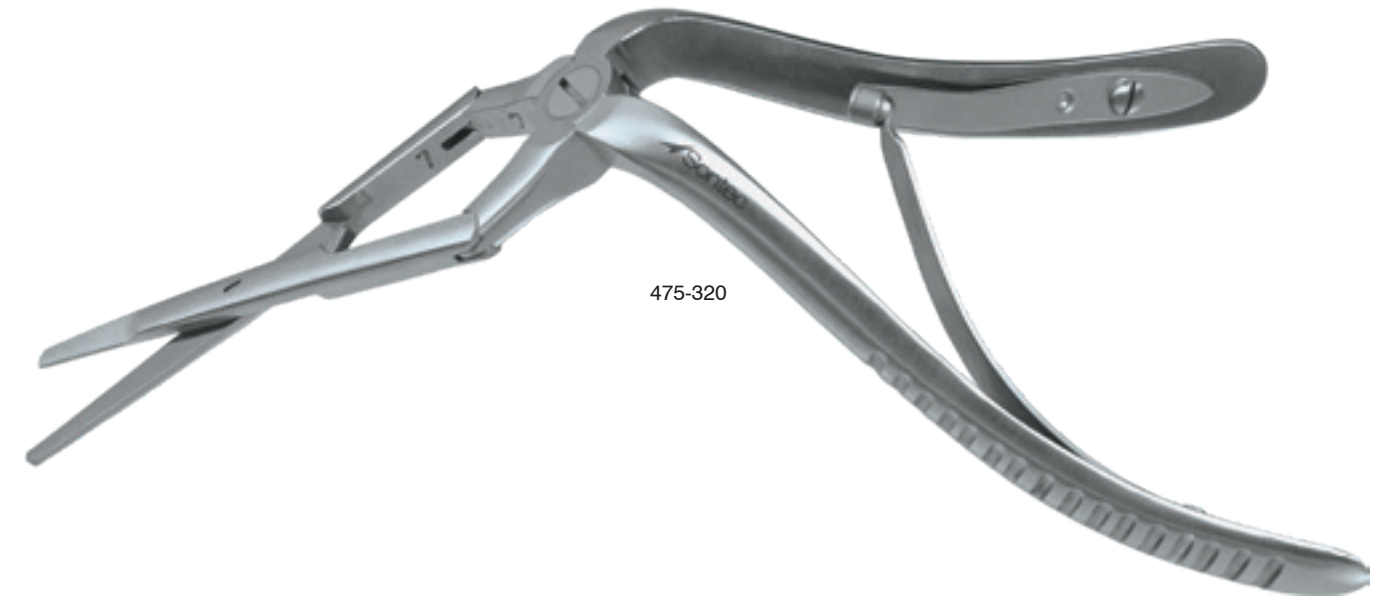
**Gorney Septal Scissors**

Serrated blades / 7 3/4" (19.5 cm)  
475-310



**Becker Septum Scissors**

Serrated blades / double action / 7" (18 cm)  
475-320



**Caplan Nasal Bone Scissors**

Serrated blades / 8 3/4" (22 cm)  
475-325



475-325

**Nasal Scissors**

13 mm blunt blades / 6 1/4" (16 cm) shaft  
468-104



468-104

**Nasal Scissors**

Serrated / 5" working length  
468-090 straight  
468-092 left  
468-094 right



468-090

468-092

**Sontec Nasal Scissors**

Double-action / angled to side / 8" (20 cm)  
475-330



475-330

**Mayo-Carroll Scissors**

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

- 1100-276 straight
- 1100-282 curved



1100-282

**Double Action Micro Scissors**

Titanium/ stainless / round handle / 7 1/4" (18.5 cm)

- 2600-914 straight
- 2600-916 curved



2600-916

**Sontec Double Action Micro Scissors**

Double action / round handle / 7 1/4" (18.5 cm)

- 2400-545 straight
- 2400-547 curved

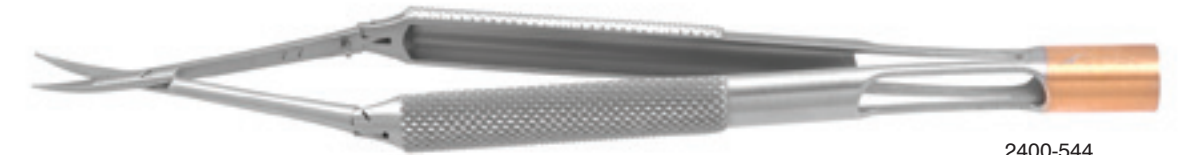


2400-545

**Sontec Heifetz Micro Scissors**

Double action / round handle / 6" (15 cm)

- 2400-542 straight
- 2400-544 curved



2400-544

**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

**Jacobson Micro Scissors**

Round handle / sharp blades / 14 mm / 4 1/4" (10.75 cm)

- 2400-626 25°
- 2400-627 45°
- 2400-629 60°
- 2400-631 90°
- 2400-633 125° g-neck



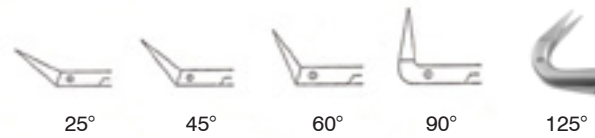
14 mm tip

Round handle / sharp blades / 11 mm / 4 1/4" (10.75 cm)

- 2400-6261 25°
- 2400-6271 45°
- 2400-6291 60°
- 2400-6311 90°
- 2400-6331 125° g-neck



11 mm tip



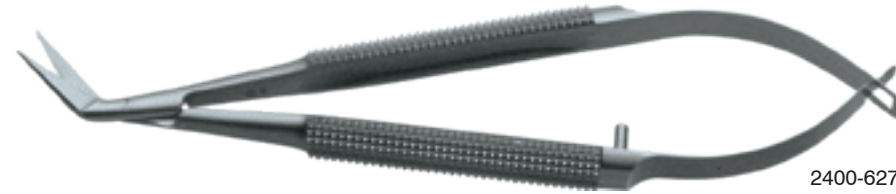
25°

45°

60°

90°

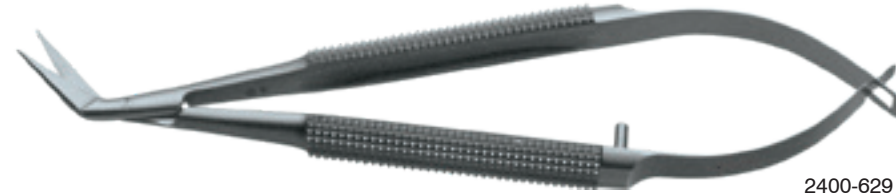
125°



2400-627



2400-6261



2400-629

**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 Tenotomy Scissors**

Blunt / 4 1/2" (11.5 cm)

- 13-3400 curved
- 13-3401 straight

Blunt / standard blade / heavier / curved / 5" (12.7 cm)

- 13-3402 curved



13-3400



13-3401



13-3402

MICRO SERRATIONS ON ANY SCISSOR WITH REASONABLE SIZE, PLEASE INQUIRE

**Titanium Westcott Tenotomy Scissors**

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

- T13-3417 curved
- T13-3418 straight



T13-3417

**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



13-8825

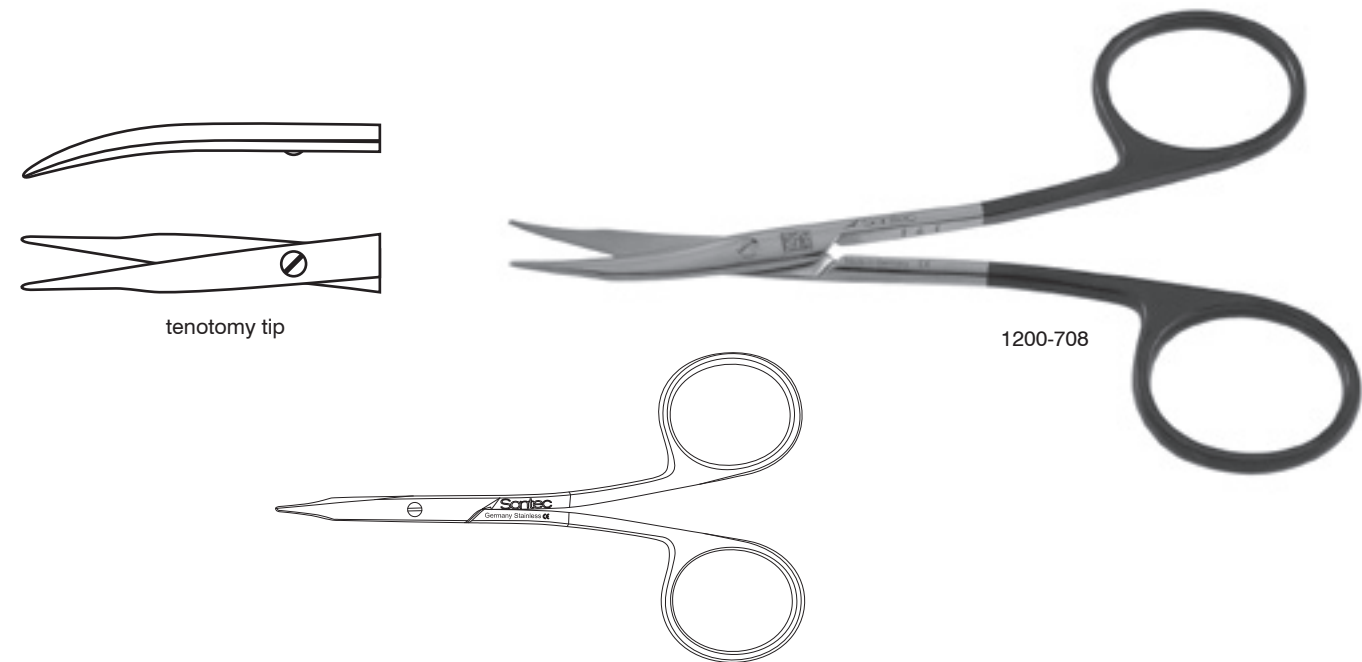
Pointed sharp tips / long blades / PC Gold / 4 1/2" (11.5 cm)

- 13-8865 straight
- 13-8866 curved

**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



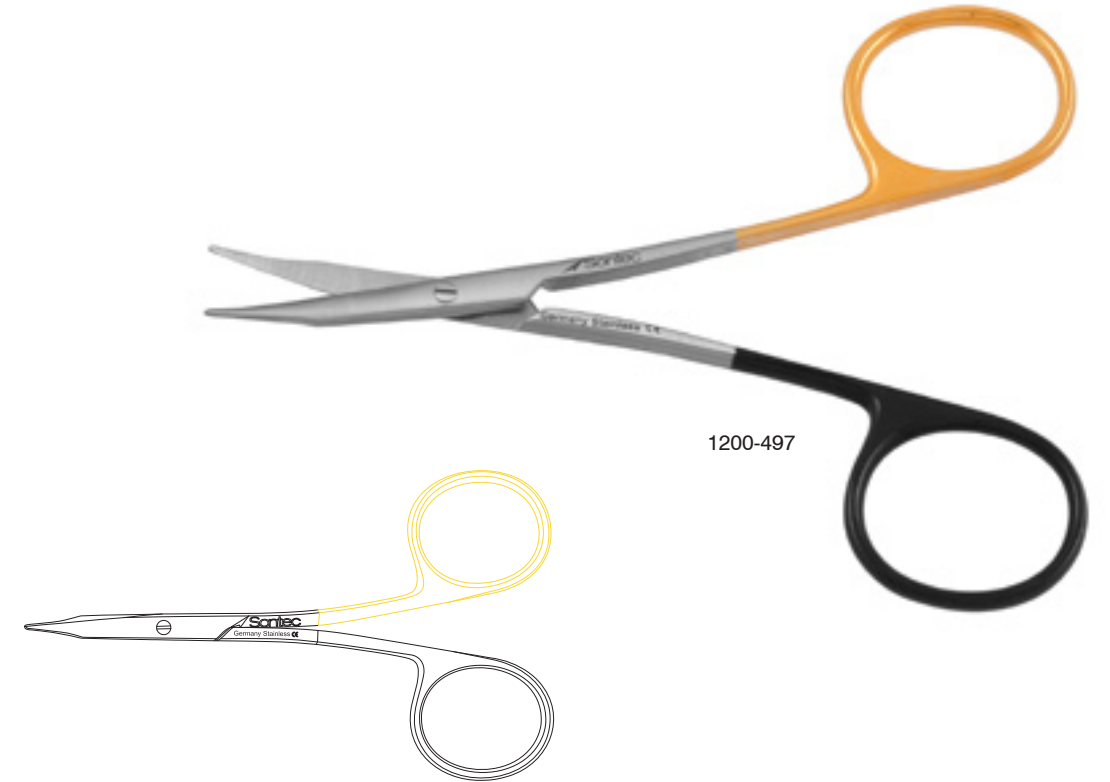
1200-708

tenotomy tip

**Stevens Tenotomy Ergonomic Spread Handle Tungsten Carbide Power Cut Black/Gold® Scissors**

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

1200-497



1200-497

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

Blunt / long blades / with TC/PC curved blades / ceramitec / with gold screw and gold shiny rings / spread handle / 4 1/2" (11 cm)

1200-937



1200-937

**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



1200-935

**Stevens Siegert Tenotomy Scissors Double Beveled Blades**

Saberback / black ceramitec coated / with gold screw / blunt long blades / curved / 4 1/2" (11.5 cm)

1200-985 black ceramitec  
1200-986

Double beveled blades / TCPC / 4 1/2" (11.5 cm)

2400-365 straight  
2400-367 curved pointed tips



1200-985

1200-986

2400-367

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

**Blunt / long blades / straight / 4 1/2" (11.5 cm)**

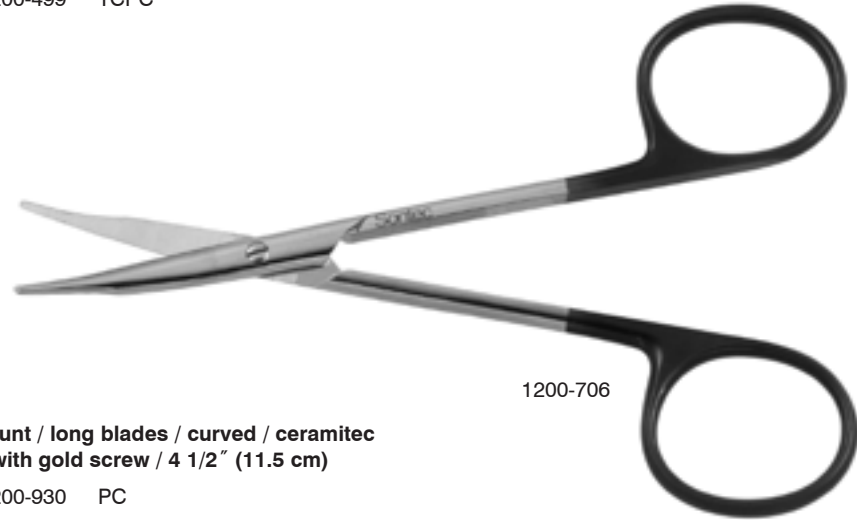
- 13-8813 classic
- 1200-062 PC gold
- 1200-704 PC black

**Blunt / long blades / curved / 4 1/2" (11.5 cm)**

- 13-8814 classic
- 1200-064 PC gold
- 1200-706 PC black
- 1200-499 TCPC



1200-064



1200-706

**Blunt / long blades / curved / ceramitec / with gold screw / 4 1/2" (11.5 cm)**

- 1200-930 PC



1200-499

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

- 1200-490 TC/PC straight

**Pointed sharp blades / long blades / curved / 4 1/2" (11.5 cm)**

- 1200-491 TC/PC curved



1200-490

1200-491

MICRO SERRATIONS ON ANY SCISSOR WITH REASONABLE SIZE, PLEASE INQUIRE

**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



1200-020

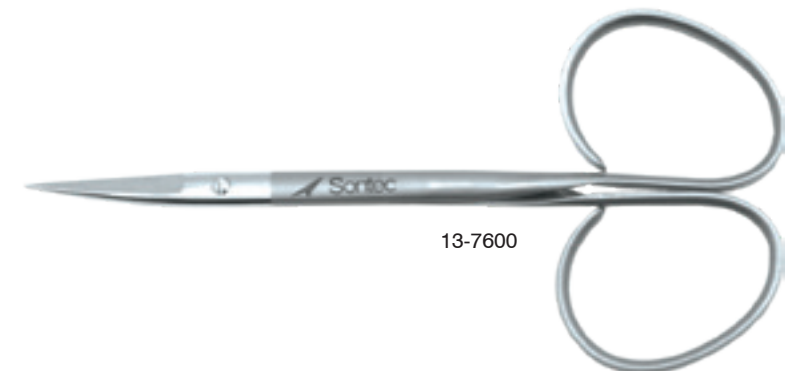


1200-776S

**Ribbon-Handle Classic Iris Scissors**

**Classic blades / 4" (10 cm)**

- 13-7600 straight
- 13-7610 curved



13-7600

**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



**Iris Scissors**

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

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

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

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

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

2400-711 straight  
2400-713 curved

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

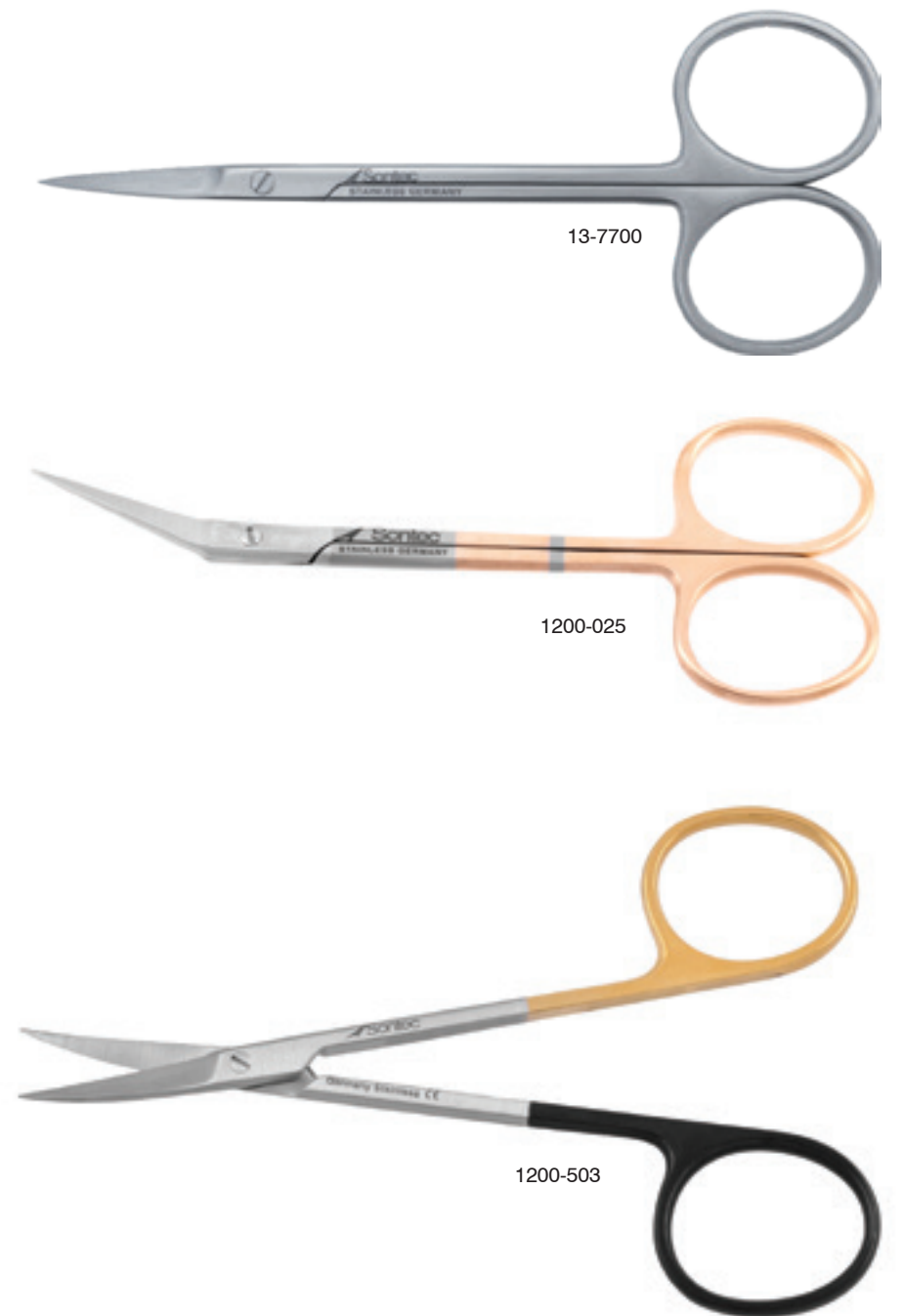
2400-715 straight  
2400-717 curved

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

112-480 straight  
112-478 curved

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

1200-502 straight  
1200-503 curved



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

Curved / 4" (10.2 cm)  
13-7786



13-7786

**Iris Stille Classic Large Rings Scissors**

Large ring / Classic / 4" (10 cm)  
13-7740 straight  
13-7750 curved

Large ring / PC black / 4" (10 cm)  
1200-764 straight  
1200-766 curved

Large ring / PC gold / 4" (10 cm)  
1200-011 straight  
1200-011C curved



1200-766



1200-764

**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



light curve



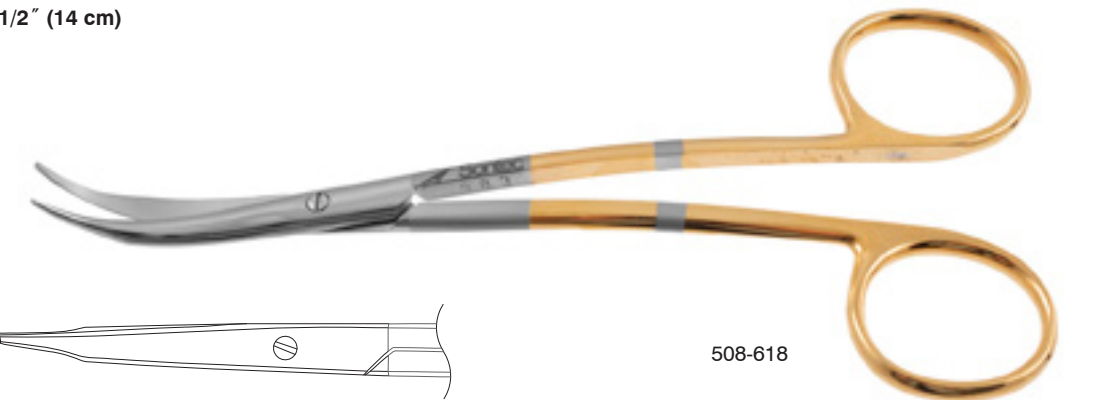
medium curve



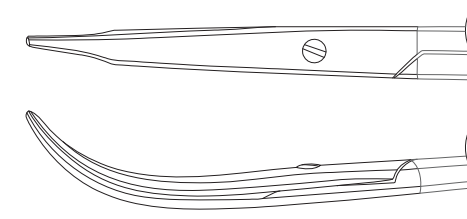
full curve

**Baby Stratte Scissors**

PC Gold / full s-curved / 5 1/2" (14 cm)  
508-616 metzenbaum tip  
508-618 tenotomy tip



508-618





 Sontec Instruments®  
Needle Holders

**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

**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

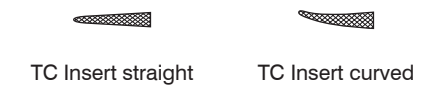


400-254

**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)



TC Insert straight

TC Insert curved



2300-030

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)



2300-042

Round handle / TC insert / with lock

- 2300-040 str 6" (15 cm)
- 2300-042 cvd 6" (15 cm)



2300-040S

Round handle / streamlined / TC serrated / with lock

- 2300-040S str 6" (15 cm)
- 2300-042S cvd 6" (15 cm)



2300-042S

**Jacobson Super Middle Weight Needle Holder Titanium**

Mid-weight / with lock / TC dust / 8 1/2" (21.6 cm) / suggested suture size 5-0 and smaller

2600-712	standard box lock	
2600-713	streamlined	
2600-704M	standard box lock	extended knurling



standard



streamlined

Streamlined needle holders feature a smooth (streamlined) box-lock that does not snag suture when tying.



2600-712



2600-713



2600-704M

**Jacobson Super Middle Weight Needle Holder**

Mid-weight / with lock / TC serrated / straight / 1.8 mm jaw / suggested suture size 5-0 and smaller

2300-135M	7 1/4"
2300-143M	8 1/4"
2300-151M	9 1/8"



Mid-weight / with lock / TC dust / straight / suggested suture size 5-0 and smaller

2300-134M



2300-143M

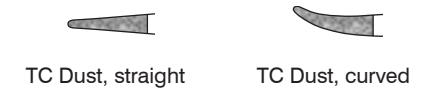


2300-134M

**Double-Action SS Needle Holder**

Stainless / TC dust / round handle / 7 1/4" (18.5 cm) / suggested suture size 5-0 and smaller

1103-888	straight	
1103-887	straight	universal lock
1103-888C	curved	
1103-887C	curved	universal lock



TC Dust, straight

TC Dust, curved



1103-887C

1103-887

**Barraquer Reverse Needle Holder**

TC dust / round handle / with lock / inverted spring / suggested suture size 5-0 and smaller

2300-047	4 3/4" (12.1 cm)
2300-046	7" (17.8 cm)



2300-047

**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



2300-0496

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



2300-0499

**Castroviejo Needle Holder**

Delicate jaw / 5 1/2"

- 15-1800 straight w/o lock
- 15-1810 curved w/o lock
- 15-1820 straight w/ lock
- 15-1830 curved w/ lock



15-1830

Standard jaw / 5 1/2"

- 15-1860 straight w/ lock
- 15-1880 curved w/ lock
- 15-1861 straight w/o lock
- 15-1881 curved w/o lock



15-1861

Delicate jaw / titanium / 5 1/2"

- T15-1800 straight w/o lock
- T15-1810 curved w/o lock
- T15-1820 straight w/lock
- T15-1830 curved w/lock

Standard jaw / titanium / 5 1/2"

- T15-1860 straight w/lock
- T15-1880 curved w/lock
- T15-1861 straight w/o lock
- T15-1881 curved w/o lock

**Jacobson Micro Bayonet Needle Holder**

Round handle / with lock / 8 1/4" (21 cm)

- 400-228 TC insert str
- 400-229 TC insert cvd
- 400-230 TC dust str
- 400-231 TC dust cvd

Round handle / with lock / 9" (23 cm)

- 400-232 TC insert str
- 400-233 TC insert cvd
- 400-234 TC dust str
- 400-235 TC dust cvd

Round handle / TC dust / with lock / 9" (23 cm)

- 2300-258 micro tip str

Flat handle / with lock / TC dust / 8 1/2" (22 cm)

- 400-226 extra micro
- 400-227



2300-258



400-226



400-227



400-229

**McPherson Needle Holder**

**Very delicate jaw / suggested suture size 8.0 and smaller**

15-1310	straight	without lock	stainless	4"
15-1330	curved	without lock	stainless	4"
15-1300	straight	with lock	stainless	4"
15-1320	curved	with lock	stainless	4"
T15-1320	curved	with lock	titanium	4 1/8"
T15-1330	curved	without lock	titanium	4 1/8"
T15-1320R	curved	with lock	titanium	4 3/8"
T15-1330R	curved	without lock	titanium	4 3/8"

**Extra delicate jaw / fenestrated handle / with lock**

15-1300F	str	4 1/4"
15-1320F	cvd	4 1/4"



15-1300



15-1320



T15-1320R



T15-1330



T15-1330R



15-1320F

**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

**Mathieu Heavy Needle Holder**

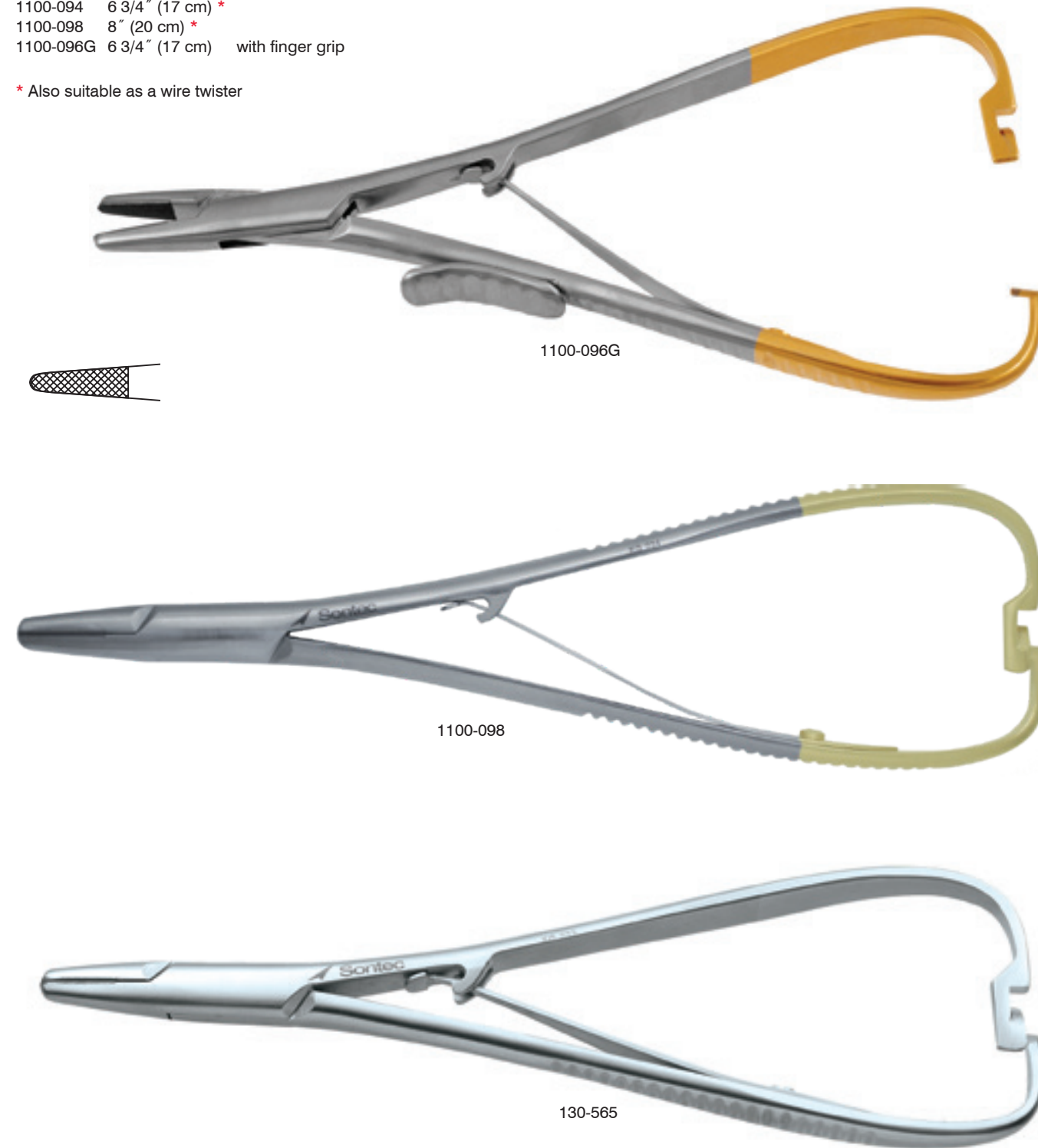
**Standard**

- 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

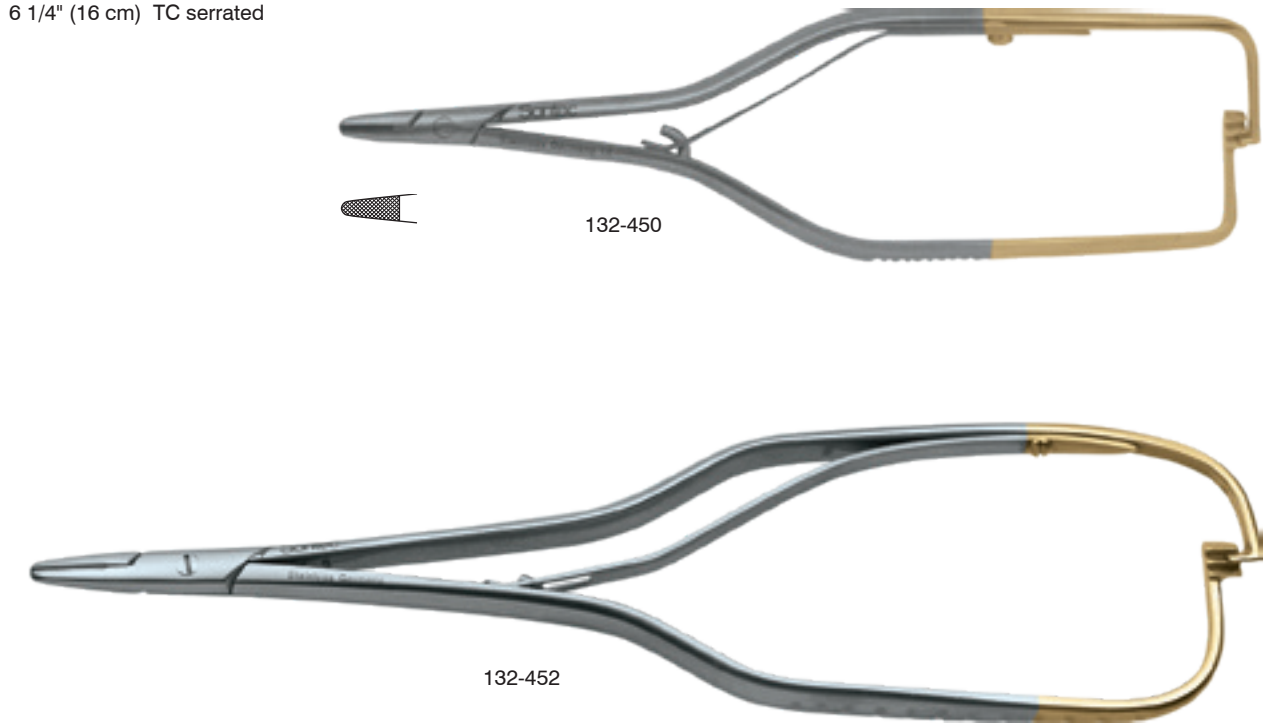
\* Also suitable as a wire twister



**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



**Mathieu Needle Holder**

**Tungsten carbide / 6 1/2" (16.5 cm)**

- 1100-101 straight
- 1100-100 curved

**Tungsten carbide serrated**

- 1100-093 6 3/4" (17 cm) delicate
- 1100-091 8" (20.3 cm)
- 1100-090 9 1/2" (24 cm)



**Webster Needle Holder**

4 3/4" (12 cm)

- 1100-392 serrated w/out TC
- 2300-516 TC serrated
- 2300-518 TC smooth
- 2300-520 TC dust
- 2300-521 6" TC dust



**Webster Needle Holder Titanium**

TC Dust / 4 3/4" (12.1 cm)

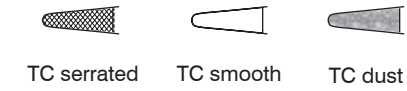
2600-725



**Derf Needle Holder Titanium**

Mini / 4 1/4" (11 cm)

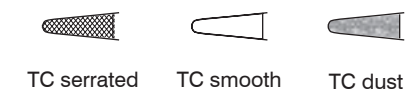
- 2600-714 TC dust
- 2600-716 TC serrated



**Halsey Needle Holder**

5" (12.5 cm)

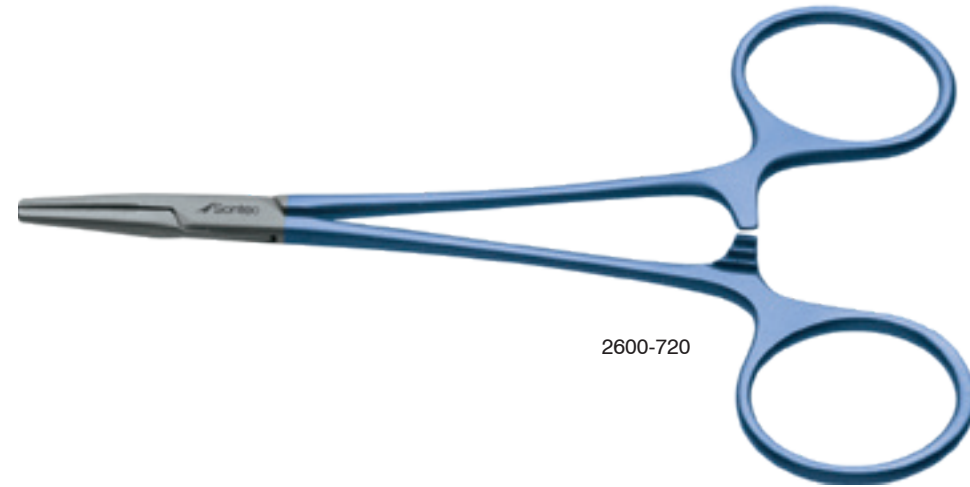
- 130-517 serrated without TC/standard
- 130-518 smooth without TC/standard
- 132-372 TC serrated
- 132-374 TC smooth
- 132-373 TC Dust



**Halsey Needle Holder Titanium**

5" (13 cm)

- 2600-720 TC Serrated
- 2600-722 TC Dust



**Par Needle Holder**

TC serrated

- 132-367A 4 1/2" (11.5 cm)
- 132-367 5 1/4" (13 cm)



**Derf Needle Holder**

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

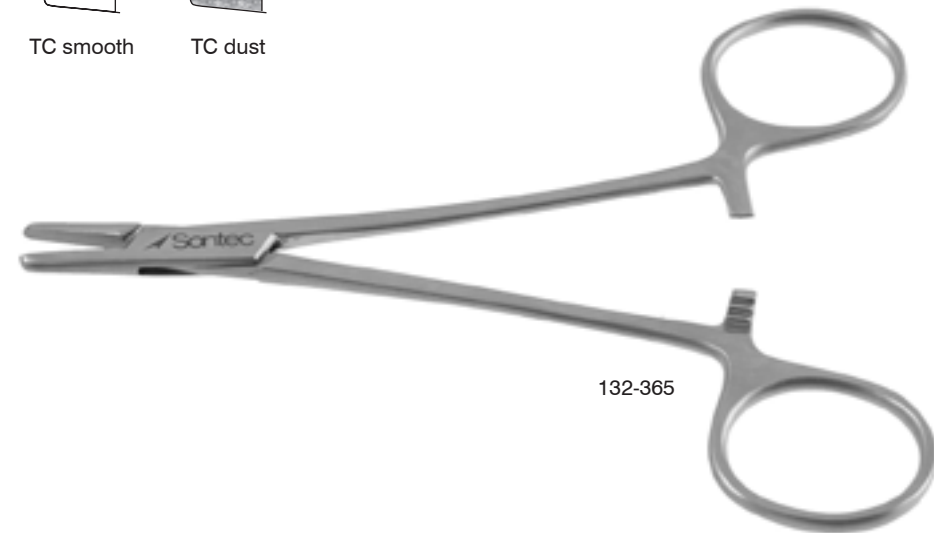
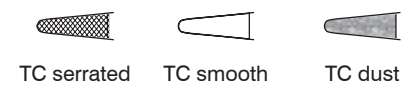
- 132-375 TC dust
- 132-376 TC serrated
- 132-376S TC smooth

**Mini / 4 1/4" (11 cm)**

- 132-632 TC serrated
- 132-634 smooth

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

- 130-508
- 132-364 TC serrated
- 132-364L TC serrated left streamlined large rings
- 132-364S TC serrated
- 132-365 TC Dust



**Par Needle Holder Titanium**

**TC dust / 4 1/2" (11.4 cm)**

- 2600-728



**Neivert Needle Holder**

**TC serrated / offset rings / 5" (12.5 cm)**

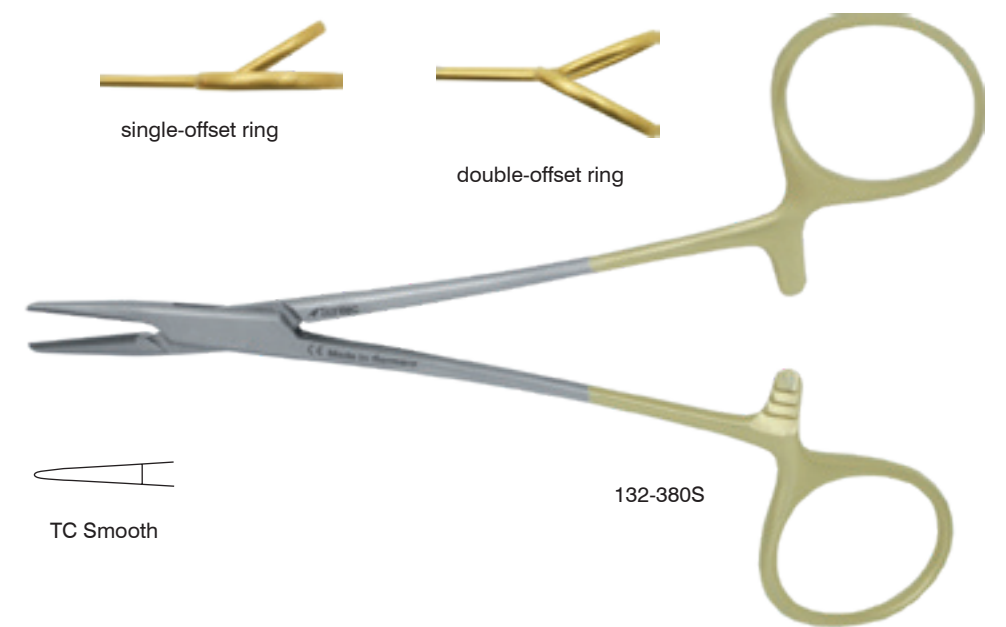
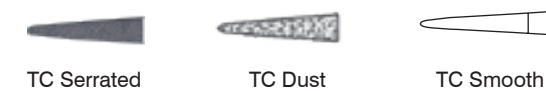
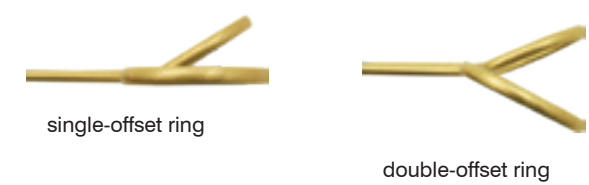
- 132-380 single
- 132-380S double

**TC dust / 5" (12.5 cm)**

- 132-379 double
- 132-381 single

**TC smooth**

- 132-379S double
- 132-381S single



**Swedish Style Needle Holder**

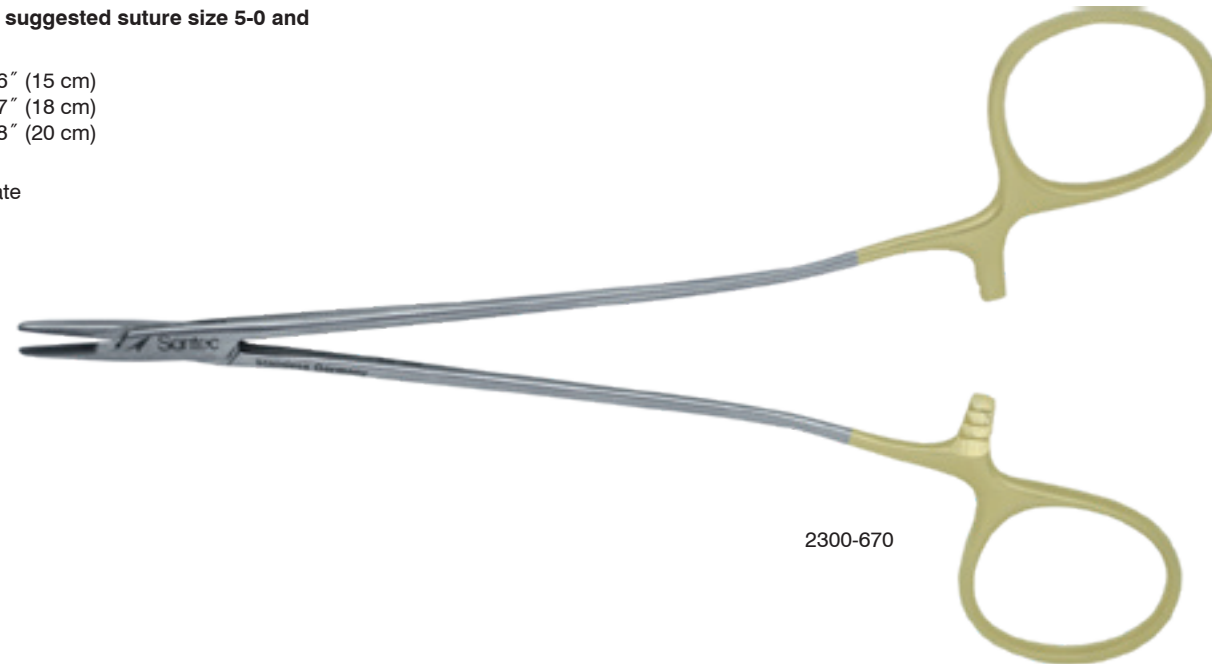
**TC serrated / suggested suture size 5-0 and smaller**

- 2300-670 6" (15 cm)
- 2300-679 6" (15 cm) \*
- 2300-672 7" (18 cm)
- 2300-674 8" (20 cm)

**TC smooth / suggested suture size 5-0 and smaller**

- 2300-671 6" (15 cm)
- 2300-673 7" (18 cm)
- 2300-675 8" (20 cm)

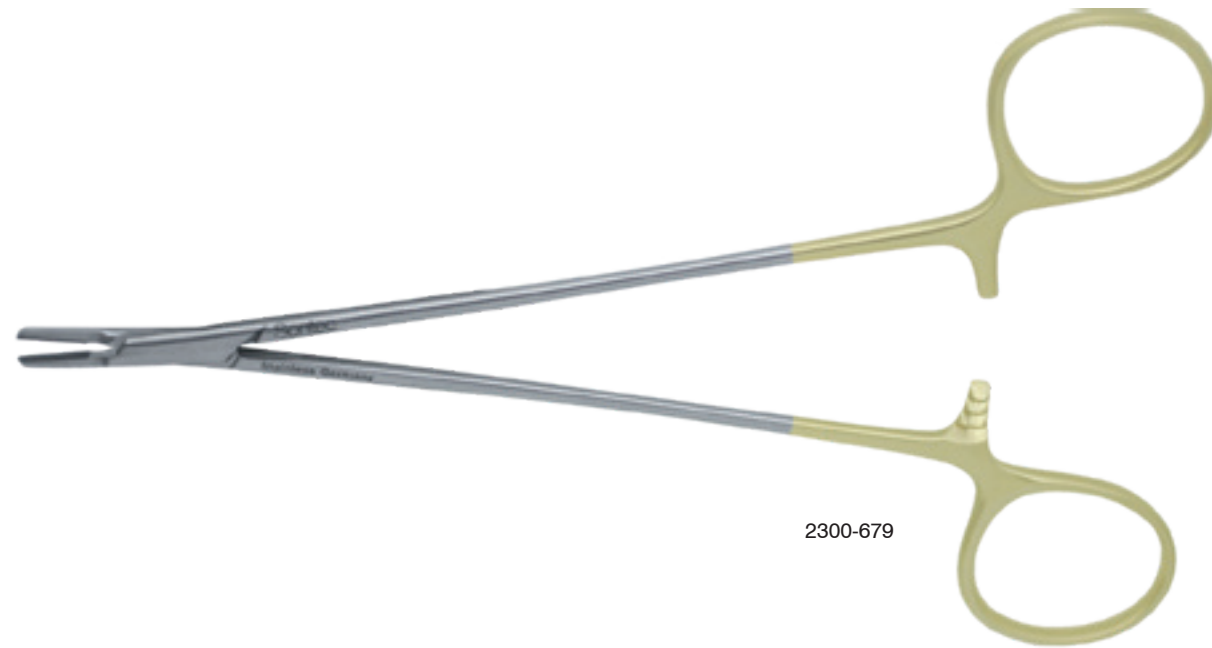
\* Extra delicate



2300-670



TC Serrated      TC Serrated, extra delicate      TC Smooth

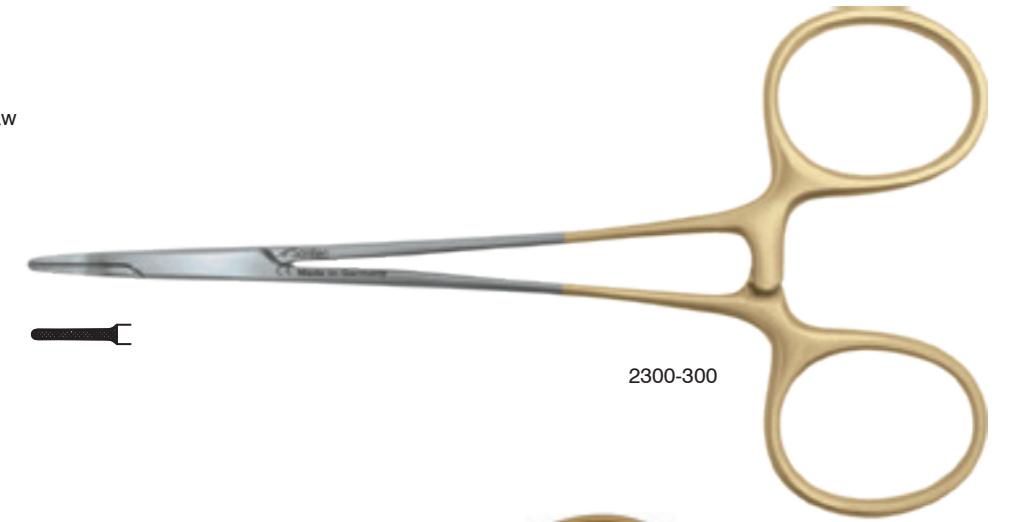


2300-679

**Ryder Delicate Needle Holder**

**1 mm jaw / TC serrated**

- |          |                |            |
|----------|----------------|------------|
| 2300-298 | 4 3/4" (12 cm) |            |
| 2300-300 | 5" (12.5 cm)   |            |
| 2300-301 | 5" (12.5 cm)   | 1.5 mm jaw |
| 1100-122 | 5" (12.5 cm)   | 2 mm jaw   |
| 2300-302 | 6" (15 cm)     |            |
| 2300-304 | 7" (18 cm)     |            |
| 2300-306 | 8" (20 cm)     |            |
| 2300-308 | 9" (23 cm)     |            |



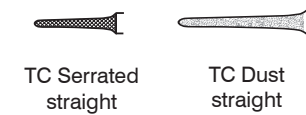
2300-300

**1 mm jaw / TC smooth**

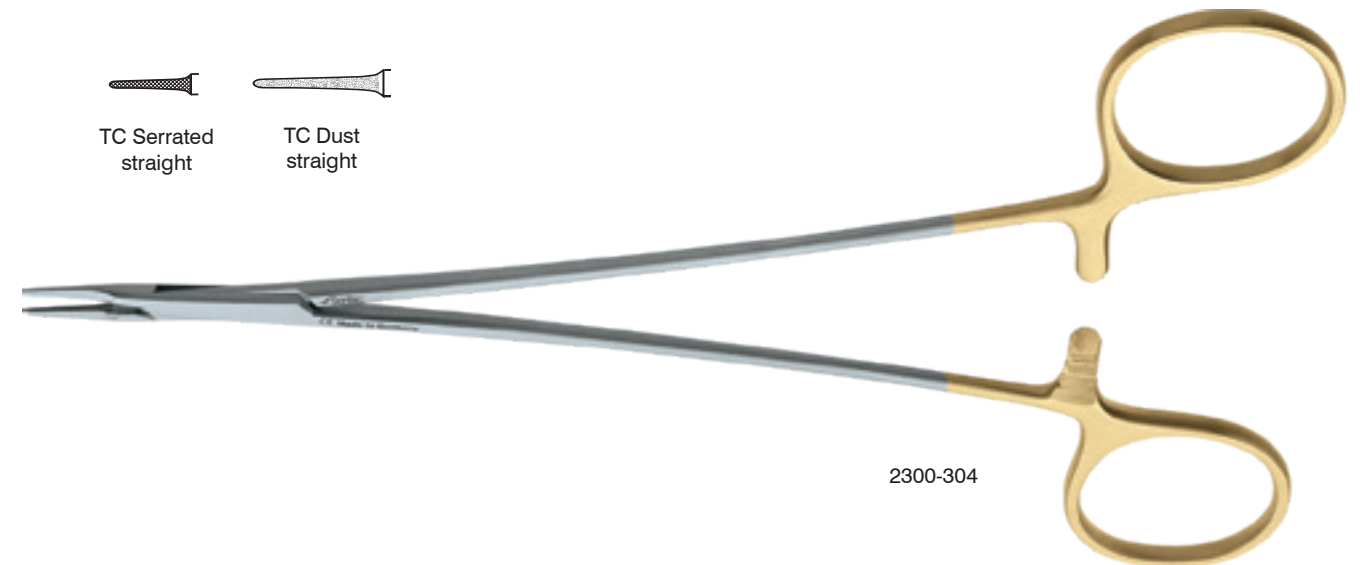
- |           |                |
|-----------|----------------|
| 2300-298S | 4 3/4" (12 cm) |
| 2300-300S | 5" (12.5 cm)   |
| 2300-302S | 6" (15 cm)     |
| 2300-304S | 7" (18 cm)     |
| 2300-306S | 8" (20 cm)     |
| 2300-308S | 9" (23 cm)     |



2300-301



TC Serrated straight      TC Dust straight



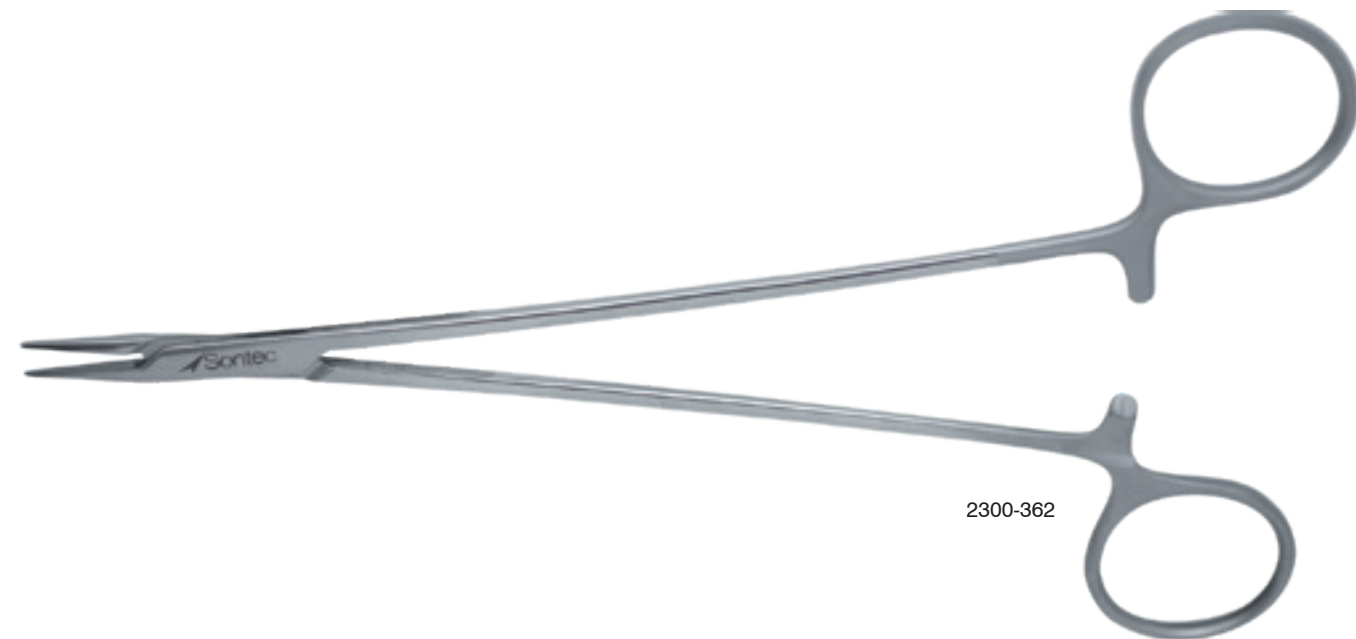
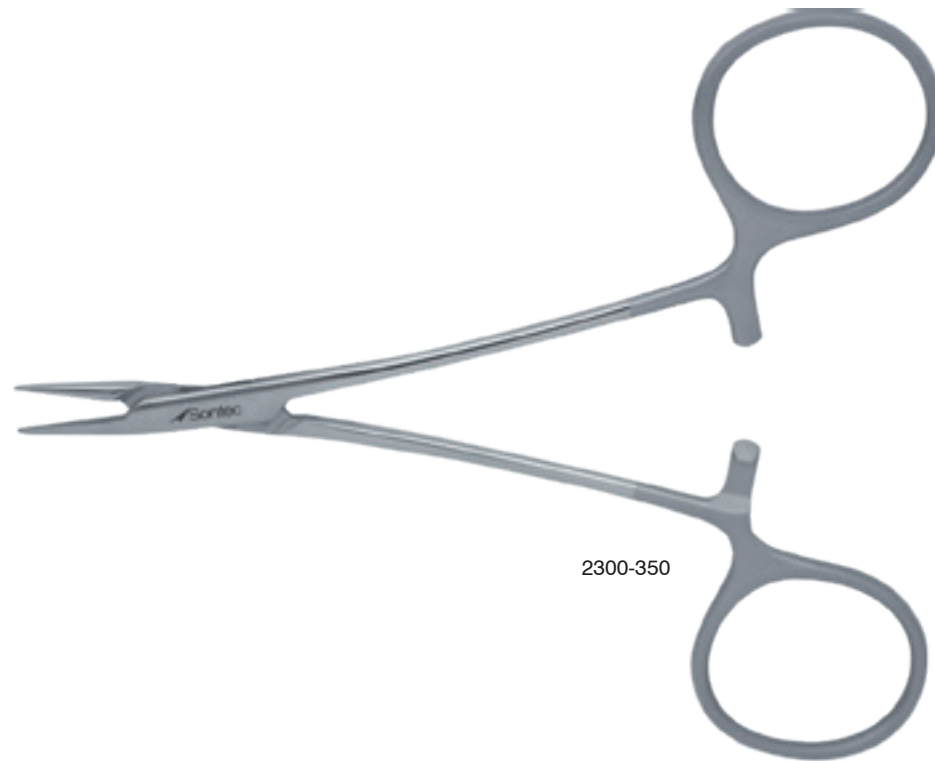
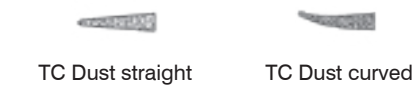
2300-304

**Microvascular Needle Holder**

TC dust / streamlined box lock / suggested suture size 5-0 and smaller

2300-350	str	5" (12.5 cm)
2300-352	cvd	5" (12.5 cm)
2300-354	str	5 3/4" (14.5 cm)
2300-356	cvd	5 3/4" (14.5 cm)
2300-358	str	6 1/4" (16 cm)
2300-360	cvd	6 1/4" (16 cm)
2300-362	str	7 1/4" (18.5 cm)
2300-366	str	7 1/4" (18.5 cm) *
2300-364	cvd	7 1/4" (18.5 cm)
2300-368	str	8 7/8" (22.8 cm)
2300-370	cvd	8 7/8" (22.8 cm)
2300-372	str	10" (25 cm)
2300-374	cvd	10" (25 cm)

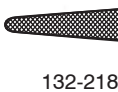
\* Left handed



**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)



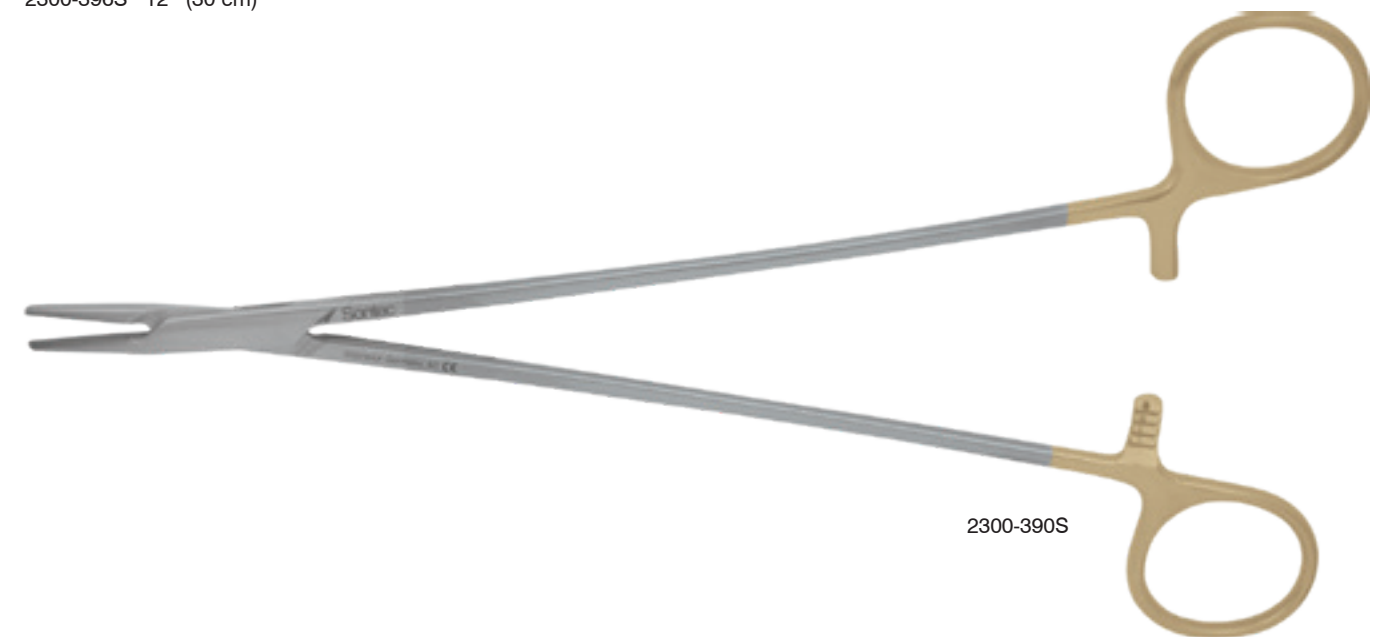
TC Serrated

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)



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)



**Baumgartner Needle Holder**

Mini Mayo Hegar / tungsten carbide

- 132-110 5" (12.5 cm)
- 1100-112A 5 1/2" (14 cm)



132-110

**Collier Needle Holder**

Fenestrated tip / 5" (12.5 cm)

- 130-514



130-514

**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)
- 132-118 7 1/4" (18 cm)
- 132-120 8" (20 cm)
- 132-122 9" (23 cm)
- 132-123 10" (25 cm)
- 132-125 12" (30 cm)
- 1100-853 14" (35 cm)
- 1100-851 16" (40 cm)
- 1100-854 18" (45 cm)



132-115



132-118



132-115

130-529

**Sontec-Olsen-Hegar Deluxe Needle Holder**

Tungsten carbide jaws / unique jaw design

- 1100-108D 6 3/4" (17 cm)
- 1100-110D 7 3/4" (19.5 cm)

\* Custom micro serrations oncutting blade available upon request



**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 oncutting blade available upon request

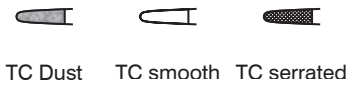


**Olsen-Webster Needle Holder**

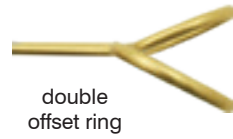
4 3/4" (12 cm)

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	

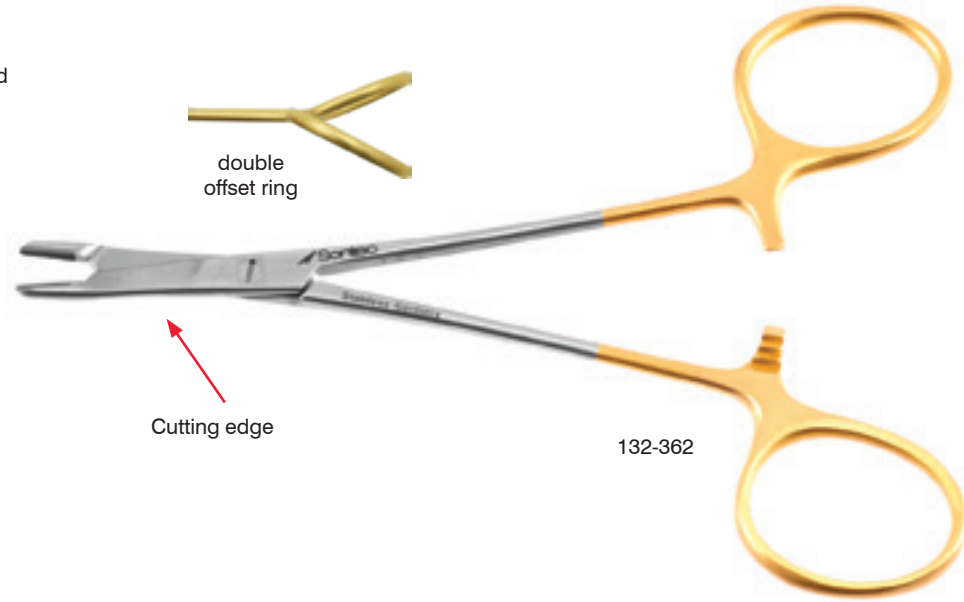
\* Double offset ring  
 \* Custom micro serrations on cutting blade available upon request



TC Dust TC smooth TC serrated

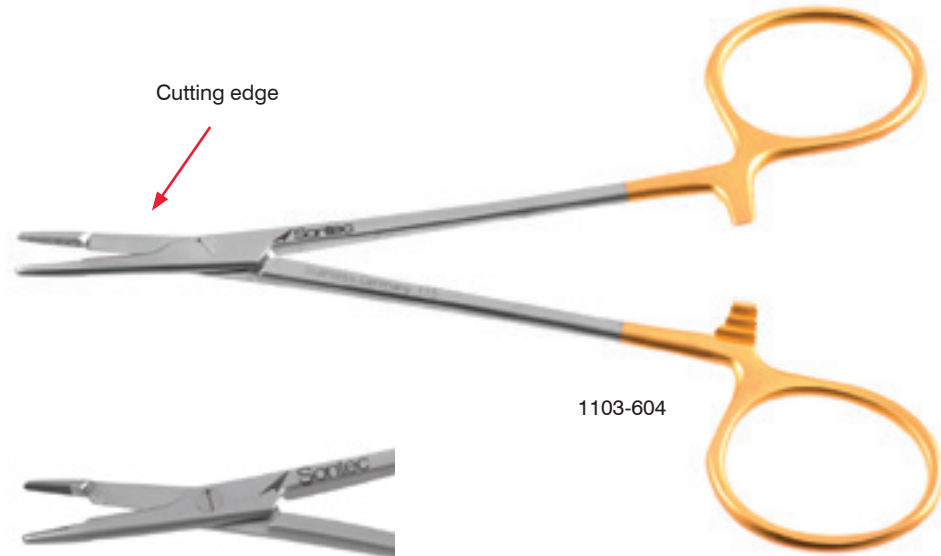


double offset ring



Cutting edge

132-362

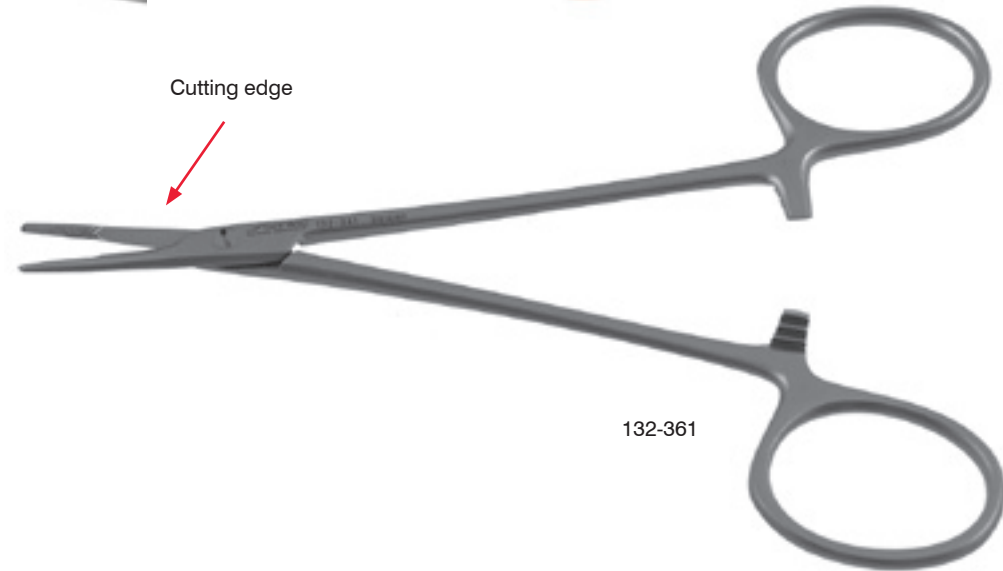


Cutting edge

1103-604



132-359



Cutting edge

132-361

**Foster-Gillies Needle Holder**

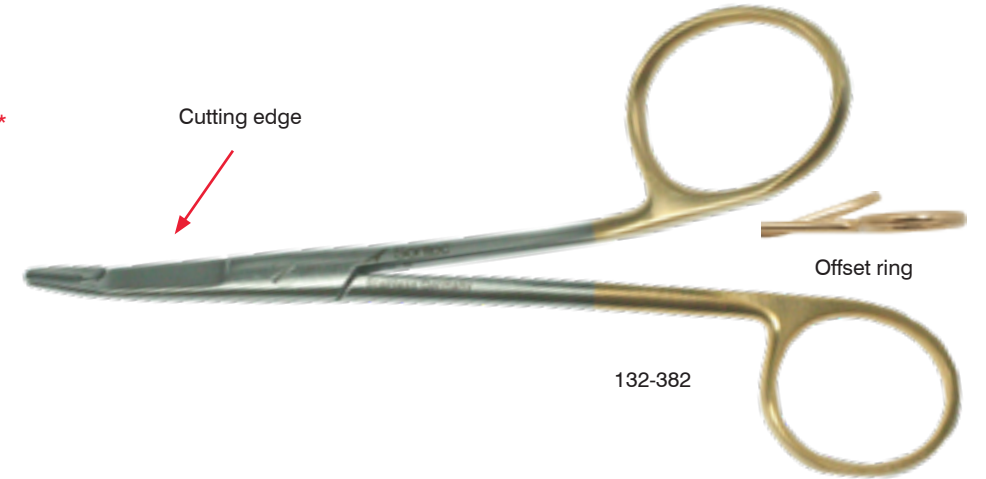
TC serrated

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



Cutting edge

Offset ring

132-382

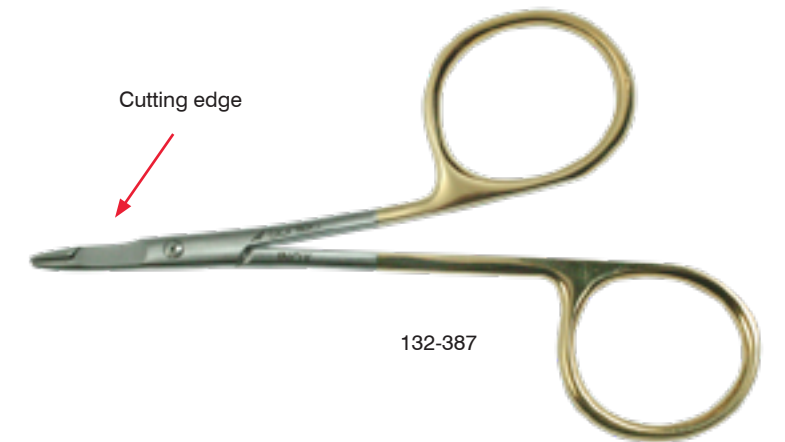


Cutting edge

132-383



straight angled



Cutting edge

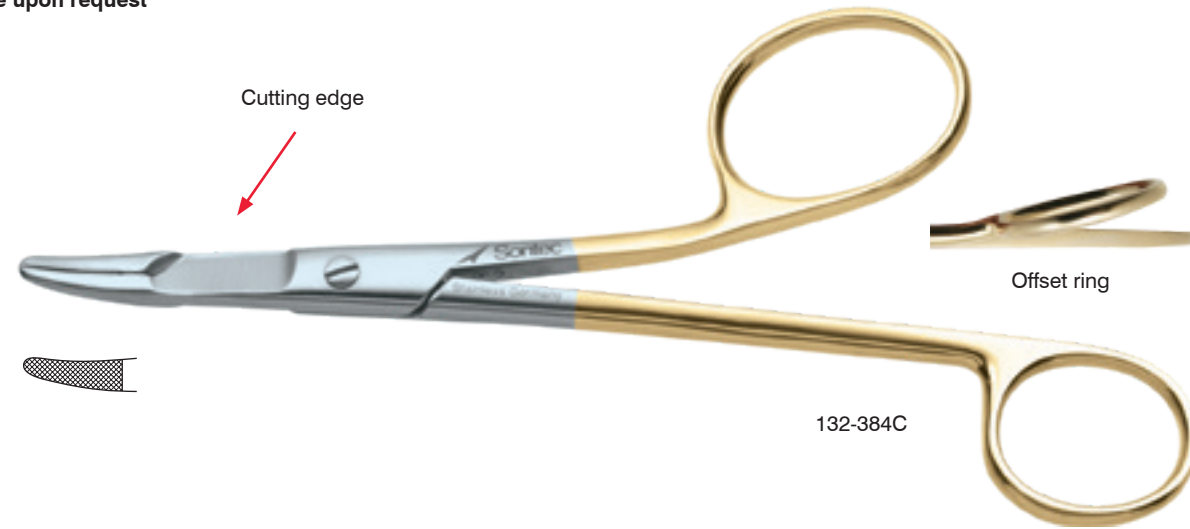
132-387

**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

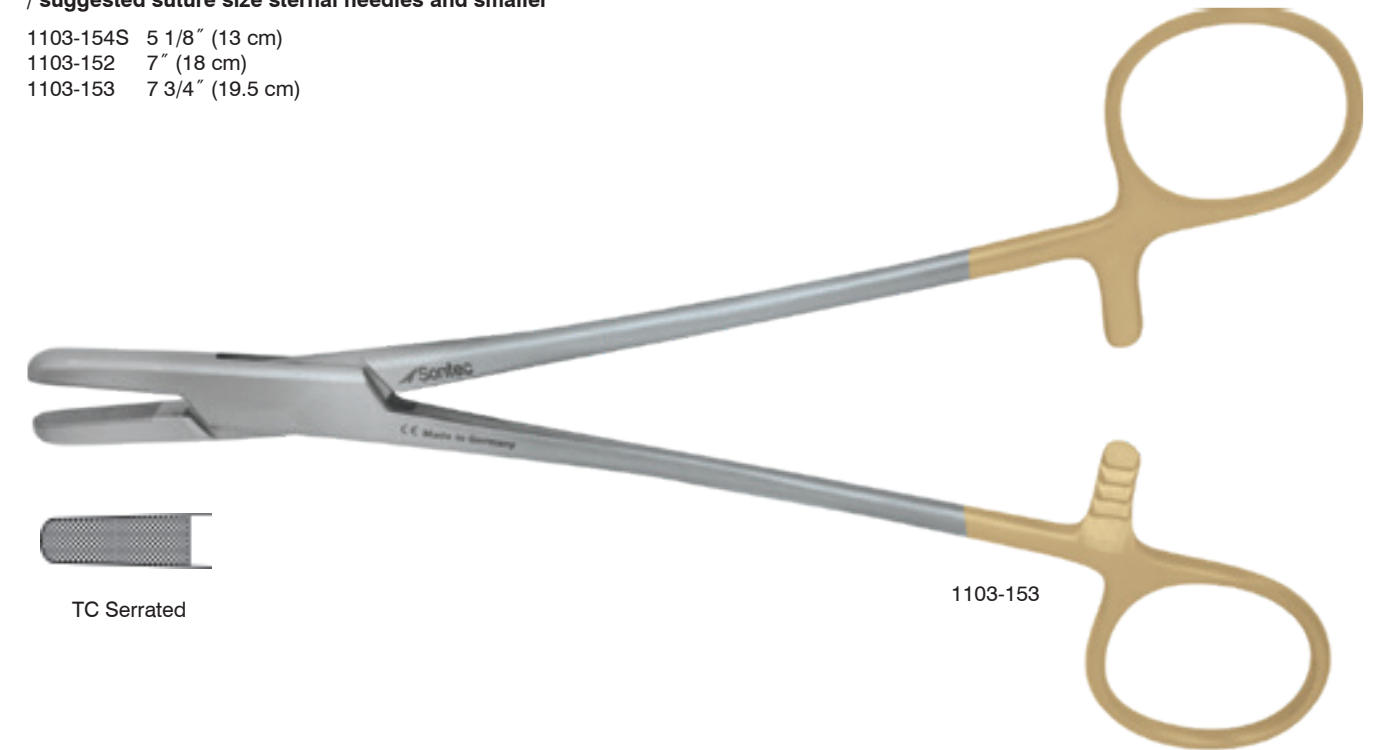


132-384L

**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)

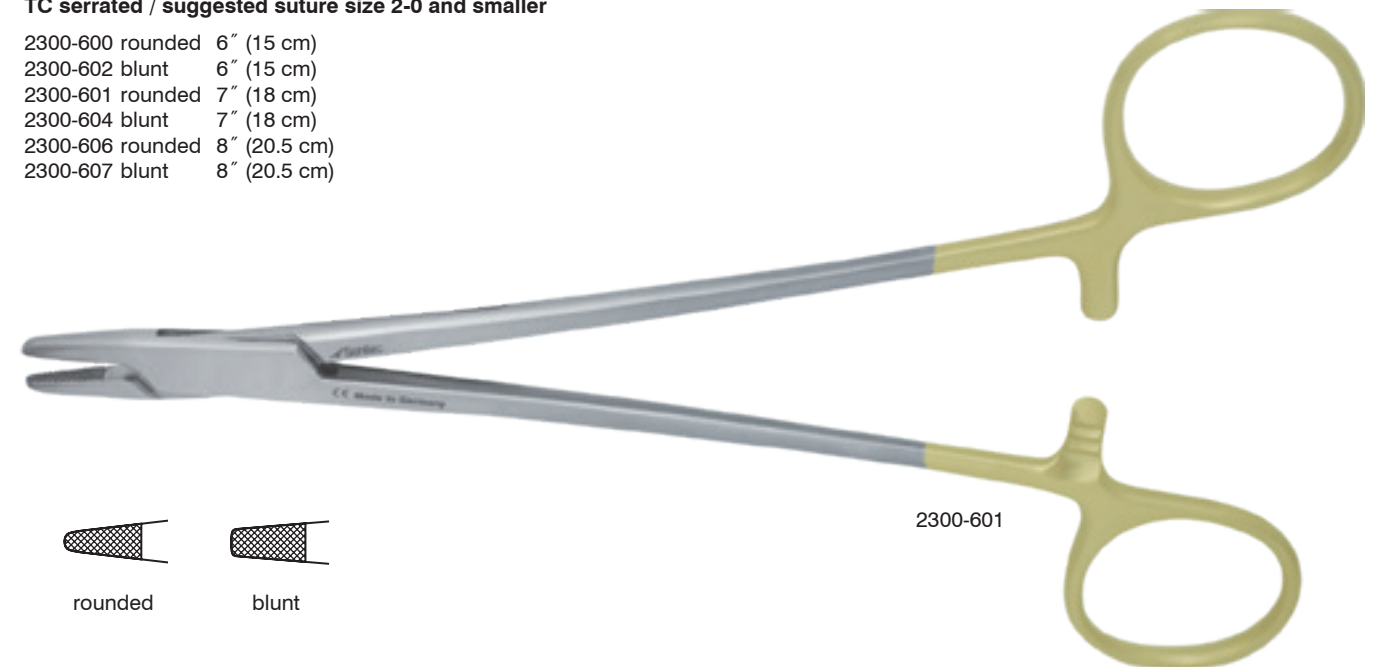


1103-153

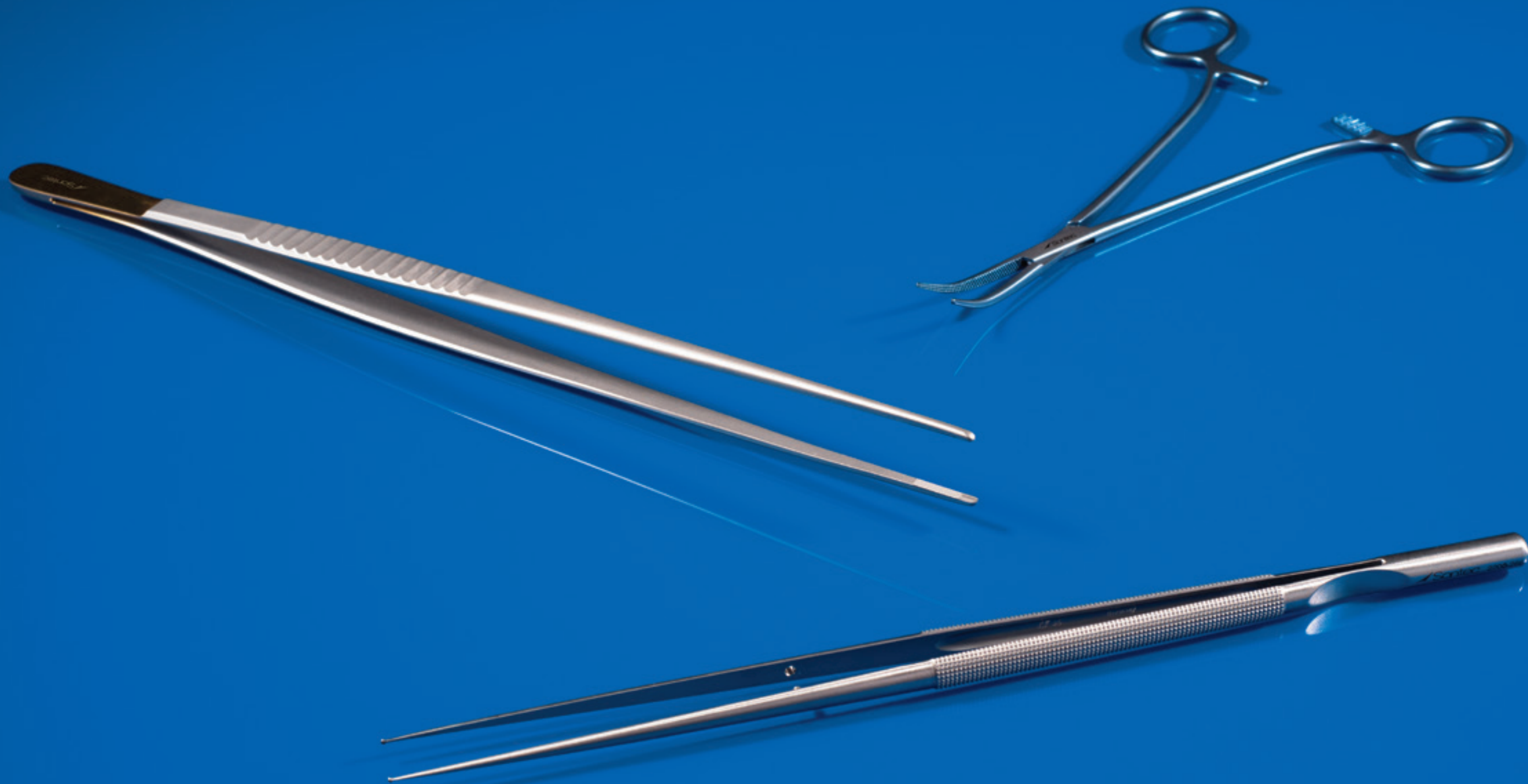
**New Orleans Wire Twister Needle Holder**

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)



2300-601



 Sontec Instruments®

Forceps

**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

**#3C / standard handle / short**

14-6820 stainless  
T14-6820 titanium



T14-6820

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

14-6821

**#4 / standard handle / standard**

14-6840 stainless  
T14-6840 titanium



14-6840

**#5 / standard handle / extra delicate**

14-6850 stainless  
T14-6850 titanium



T14-6850

**#7 / standard handle / curved**

14-6870 stainless  
T14-6860 titanium

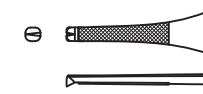


T14-6860

**Adson Tissue TC Serrated Platform Forceps**

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

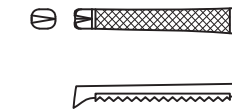
140-305 1.0 mm  
140-304 1.3 mm  
140-303 1.8 mm



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

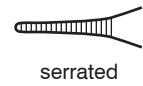


140-304F

**Stille-Adson Dressing Forceps**

Serrated / 4 3/4" (12 cm)

136-659  
136-659D delicate



**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



**Adson Tissue Forceps Titanium**

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

140-298T



**Adson Tissue Forceps Titanium**

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

140-304T



**Brown-Adson Tissue Forceps**

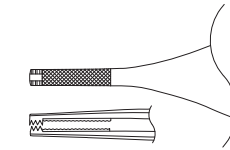
Serrated handle / 7 x 7 teeth / 4 3/4" (12 cm)

136-688 fenestrated handle  
136-688S



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

136-689 serrated handle  
1100-735F fenestrated handle



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

136-6891 serrated handle



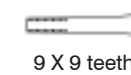
Russian fenestrated handle / 8 x 8 teeth / 4 3/4" (12 cm)

136-700



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

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



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

136-689

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

136-687  
136-697 TC platform



**Adson Dressing Serrated Forceps**

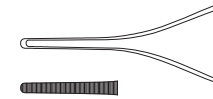
Serrated tip / serrated handle / 4 3/4"

- 136-6621T 0.4 mm titanium
- 136-6601 0.5 mm
- 136-662 0.8 mm
- 136-662T 0.8 mm titanium
- 136-660 1.3 mm
- 136-660A 1.3 mm angled



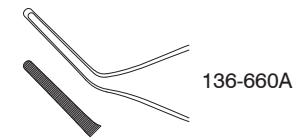
Serrated tip / fenestrated handle / 4 3/4"

- 136-663 0.8 mm
- 136-661 1.3 mm



Serrated tip / serrated handle / 6"

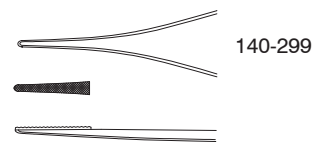
- 140-198 1.3 mm



**Adson Dressing TC Serrated Platform Forceps**

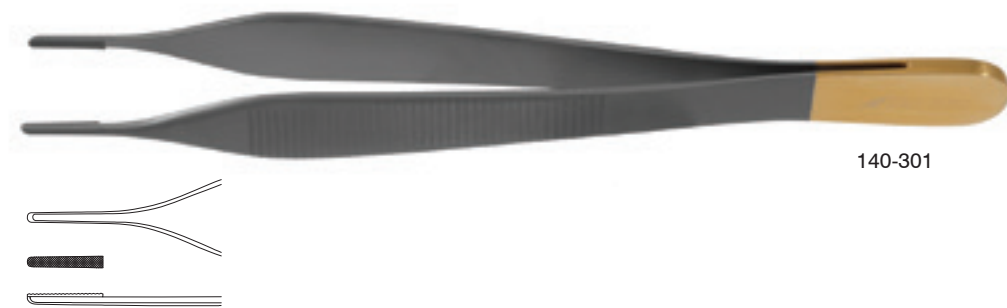
TC Serrated platform / serrated handle / 4 3/4"

- 140-299 0.8 mm
- 140-301 1.3 mm



TC Serrated platform / serrated handle / 6"

- 140-201 1.3 mm



**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)



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

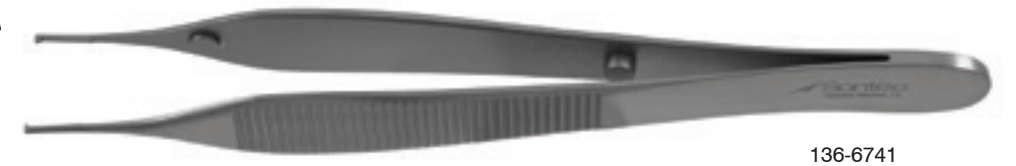
- T136-686 4 3/4" (12 cm)



**Gorney-Adson Forceps**

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

- 136-6741



**Adson Dressing Cross-Serrated Forceps**

Cross-serrated tip / serrated handle / 4 3/4"

- 136-664D 0.8 mm
- 136-664 1.3 mm



Cross-serrated tip / 4 3/4"

- 136-665 1.3 mm



**Beasley-Babcock Tissue Forceps**

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

136-699



136-699

**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 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

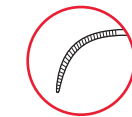
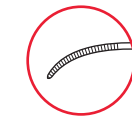
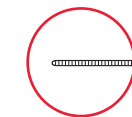
**Iris Dressing Forceps**

Serrated / 0.5 mm tip / delicate / 4" (10 cm)

14-4300 straight  
14-4310 half curve  
14-4305 full curve

Serrated / 0.8 mm tip / standard / 4" (10 cm)

14-4340 straight  
14-4345 half curve  
14-4350 full curve



14-4300

**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

**Gillies Forceps**

Fine serrations / 1 x 2 teeth / 6" (15 cm)  
2200-700



2200-700

**Erhardt Lid Clamp Forceps**

Oval  
14-9700



14-9700

**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

**Cottle Columella Clamp Forceps**

14 mm tip / with locking thumb screw / 4" (19 cm)  
14-9730



**Heath Chalazion Clamp Forceps**

Oval / 16 mm x 14 mm  
14-9740



**Lambert Chalazion Clamp Forceps**

Round / 8mm  
14-9750



**Hunt Chalazion Clamp Forceps**

Round / 12 mm  
14-9800



**Baird Chalazion Clamp Forceps**

Small oval / 11 x 8 mm I.D.  
14-9850 stainless steel  
T14-9850 titanium



**Sontec Eye Lid Forceps**

Serrated / 5" (12.5 cm)  
14-5240

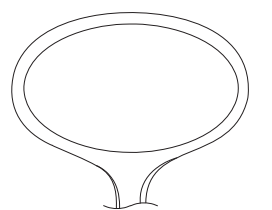
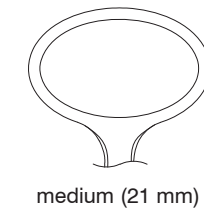


**Desmarres Chalazion Clamp Forceps**

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



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



17 mm

21 mm

28 mm



**Putterman Clamp Forceps**

14-9400	stainless	slide lock
T14-9400	titanium	slide lock
14-9410	stainless	screw lock



**Francis Chalazion Clamp Forceps**

**Medium oval**  
14-9870



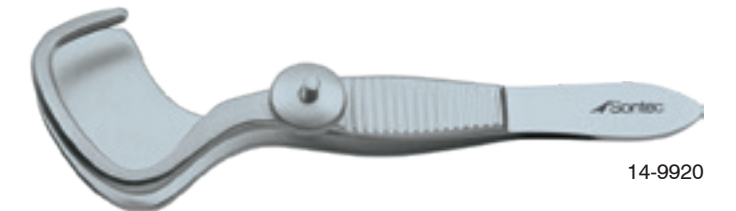
**Lordan Chalazion Clamp Forceps**

**Triangular**  
14-9910



**Snellen Entropium Clamp Forceps**

**18 x 35 mm jaw**  
14-9920 right  
14-9925 left



**Castroviejo Lip Graft Clamp Forceps**

**U-shaped / closed end**  
14-9725



**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)



**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



14-6510

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

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



T14-6510

**Barraquer Cilia Forceps**

TC Dust / slightly angled

14-6303



14-6303

Titanium / TC dust / slightly angled

T14-6303

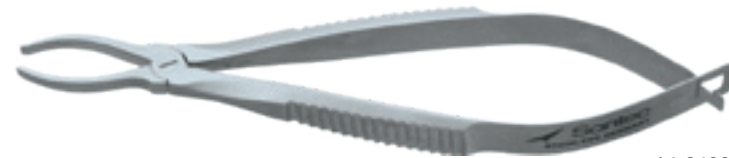


T14-6303

**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

**Ziegler Cilia Forceps**

TC Dust / straight

14-6450



14-6450

**Bergh Cilia Forceps**

5 mm wide jaws with horizontal serrations / 3 1/2" (9 cm)

14-6445



14-6445

**Beer Distichia Cilia Forceps**

5 mm wide jaws with TC Dust / 3 3/4" (9.5 cm)

1100-407



1100-407

**Swiss Cilia Forceps**

3mm platform tip / TC Dust

14-6310



14-6310

**Knapp Trachoma Forceps**

With rollers

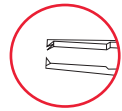
14-9930



14-9930

**Kelman-McPherson 1x2 Tissue Forceps**

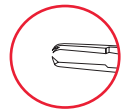
8 mm long / 0.3 mm / angled / 1 x 2 box teeth  
14-2630



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

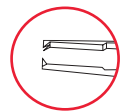


14-2890

**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

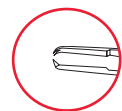
Tying platform / 1 x 2 box teeth / titanium

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



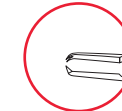
14-3077

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**

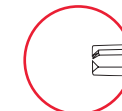
1 x 2 teeth / angled / 4 1/4" (10.5 cm)  
14-4800



14-4800

**Lester Fixation 1x2 Tissue Forceps**

4" (10 cm)  
14-4600 1 x 2 teeth  
14-4620 2 x 3 teeth

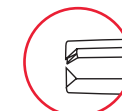


14-4620

**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

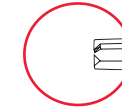


14-3154

**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



**Girard Corneoscleral Forceps**

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

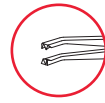
- 14-3200 right handed
- 14-3210 left handed



**Hyde Corneal Forceps**

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

- T14-2220
- 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



**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



**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



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



**Troutman-Colibri Suture Forceps**

Tying platform / 1 x 2 box teeth / 0.12 mm / ergonomic handle

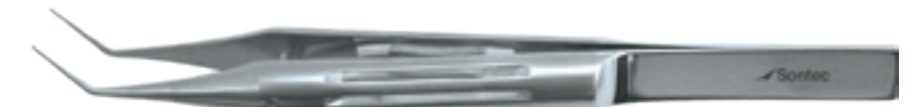
- 14-2955
- T14-2955



**Kelman & Hoffer Suture Tissue Forceps**

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

- 14-2935



**Ergonomic-Handle Castroviejo Suture Forceps**

Straight / tying platform / 1 x 2 angled teeth / 0.12 mm / 4 1/2" (11.5 cm)

- 14-2905



**Ergonomic-Handle Bonn Suture Forceps**

Long tip / Tying platform / 1 x 2 box teeth / 0.12 mm / 4 1/2" (11.5 cm)

- 14-2920



Short tip / tying platform / 1 x 2 box teeth / 0.12 mm / 4 1/2" (11.5 cm)

- 14-2922



**Pierse Corneal 1x2 Forceps**

Very delicate / micro grooved tips

- 14-2100 straight
- 14-2110 curved



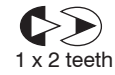
**Bonney Tissue Forceps**

**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



1 x 2 teeth



2 x 3 teeth



140-502



136-578



136-580

**Cushing Tying Forceps**

**Standard / straight tip / 7" (18 cm)**

2200-789 serrated  
 2200-790 1x2 teeth



2200-789

**TC insert platform / straight tip**

2200-383 7" (18 cm)



2200-383

**TC insert platform / 7" (18 cm)**

2200-387 angled tip  
 2200-389 straight tip 1x2 teeth

**TC insert platform / straight tip / serrated**

2200-394 8 1/4" (21 cm)  
 2200-396 10" (25 cm)



Straight



Angled

**Potts-Smith Dressing**

**Serrated**

136-730 7" (18 cm)  
 136-738 8" (20.3 cm)  
 136-735 8 1/4" (21 cm)  
 136-740 9 1/2" (24 cm)  
 136-746 12" (30 cm)



136-740

**Potts-Smith Tissue Forceps**

Serrated / 1 x 2 teeth

- 136-732 7" (18 cm)
- 136-737 8 1/4" (21 cm)
- 136-742 9 1/2" (24 cm)
- 136-748 12" (30 cm)



136-737

**Reul Coronary Artery Forceps**

TC serrated / 1 mm / 8" (20 cm)

2200-126



2200-126

**Skinner Tissue Forceps**

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

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



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

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

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

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



140-376

**Lucae Ear Forceps**

Bayonet handle / serrated

- 467-310 4 1/2" (11.5 cm)
- 467-311 5 1/2" (14 cm)



467-310

**Brown-Cushing Bayonet Forceps**

9 x 9 teeth / 7 1/4" (18.25 cm)

136-798



136-798

**Gruenwald (Jansen) Ear Forceps**

Bayonet handle / serrated

- 467-315 6 1/2" (16.5 cm)
- 467-317 7 3/4" (19.5 cm)
- 467-318 8 1/2" (21.5 cm)



467-315



467-317



467-318

**Cushing Bayonet Forceps**

TC / serrated / 7 1/2" (19 cm)

140-220



140-220

**Electro Blue Coated Cushing Bayonet Tissue Forceps**

Monopolar use / TC serrated/insulated

140-220B 7 1/2"

140-222B 9"



140-220B

**Electro Blue Coated Skinner Tissue Forceps**

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

140-376B



140-376B

**Electro Blue Coated Potts-Smith Tissue Forceps**

Monopolar use / TC serrated platform / insulated / flat handle / 9 1/4" (23.5 cm)

2200-073B straight 2.5 mm tip 9 1/4" (23.5 cm)

2200-074B angled 2.5 mm tip 9 1/4" (23.5 cm)

2200-073C straight 1.5 mm tip 9" (22.9 cm) 1x2 teeth

2200-073D straight 2.5 mm tip 9 3/4" (24.8 cm)



2200-073B



2200-074B



2200-073C

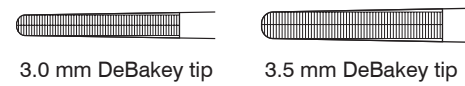
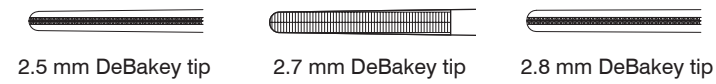


2200-073D

**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.



2200-105



2200-110P



2200-111P

**Barraquer Cilia Forceps**

**TC Dust / slightly angled**

14-6303

**Titanium / TC dust / slightly angled**

T14-6303



14-6303



T14-6303

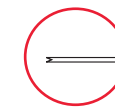
**Iris 1x2 Tissue Forceps**

**1 x 2 teeth / 0.5 mm tip / extra delicate / 4" (10 cm)**

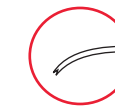
- 14-4400 straight
- 14-4410 half curve
- 14-4415 full curve

**1 x 2 teeth / 0.8 mm tip / standard / 4" (10 cm)**

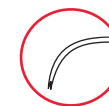
- 14-4440 straight
- 14-4450 half curve
- 14-4455 full curve
- T14-4440 straight titanium



14-4440



T14-4440



full curve



14-4410

**Bishop-Harmon Serrated Dressing Forceps**

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

14-3860

**Cross-serrated / 0.5 mm tip / delicate / 3 1/2" (9 cm)**

14-3850



14-3850

**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

**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

**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

**Adson Bipolar Forceps**

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

- 2700-905
- 2700-900 blue electro coat
- 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

**Cushing Bayonet Bipolar Forceps**

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

- 2700-978 0.7 mm tip
- 2700-940 2.0 mm tip insulated



2700-978



2700-940

**Reusable Bipolar Cord**

12 feet in length

CORD-2000

CORDS NOT TO SCALE



cord 2000

**Disposable Bipolar Cord**

Sterile-12 ft long / nickle plated banana plugs / forceps plug compatible with all manufacture bipolar forceps and sweeps / packaged 50 per case/ box of 10

CORD-1000



cord 1000

**Glover-Debakey Bulldog Clamp**

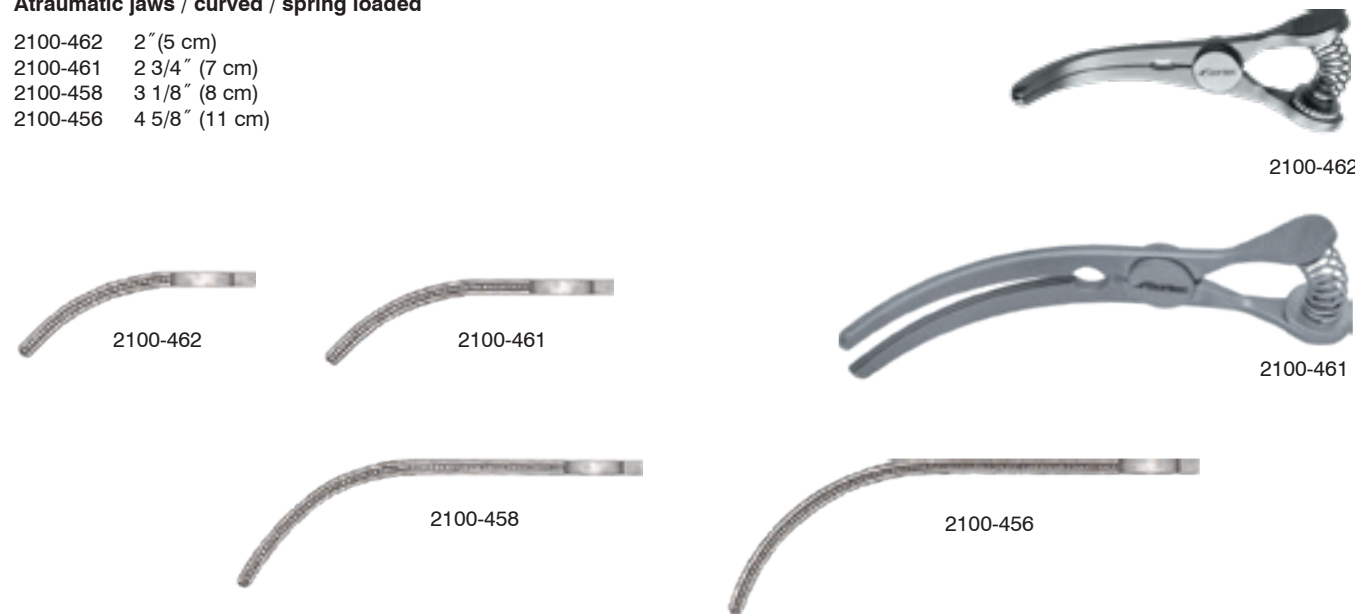
Atraumatic Jaws / straight / spring loaded

- 2100-460 2" (5 cm)
- 2100-459 2 3/4" (7 cm)
- 2100-457 3 3/8" (8 cm)
- 2100-455 5" (12.5 cm)



Atraumatic jaws / curved / spring loaded

- 2100-462 2" (5 cm)
- 2100-461 2 3/4" (7 cm)
- 2100-458 3 1/8" (8 cm)
- 2100-456 4 5/8" (11 cm)



**Micro Sontec® Yasargil-Glover Carotid Artery Bulldog Clamp**

Atraumatic jaws / reverse 65° angle / 3" (7.5 cm) / spring loaded

2100-466



**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"



**Cooley Bulldog Clamp**

**Atraumatic jaws / straight / cross-action**

- 2100-420 3 1/8" (8 cm)
- 2100-425 3 1/2" (9 cm)
- 2100-430 4 1/4" (10.75 cm)
- 2100-435 5" (12.5 cm)



2100-430

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



2100-420



2100-425



2100-430



2100-435

**Atraumatic jaws / curved / cross-action**

- 2100-422 3" (7.5 cm)
- 2100-427 3 3/8" (8 cm)
- 2100-432 3 3/4" (9.5 cm)
- 2100-437 4 1/2" (11.5 cm)



2100-427



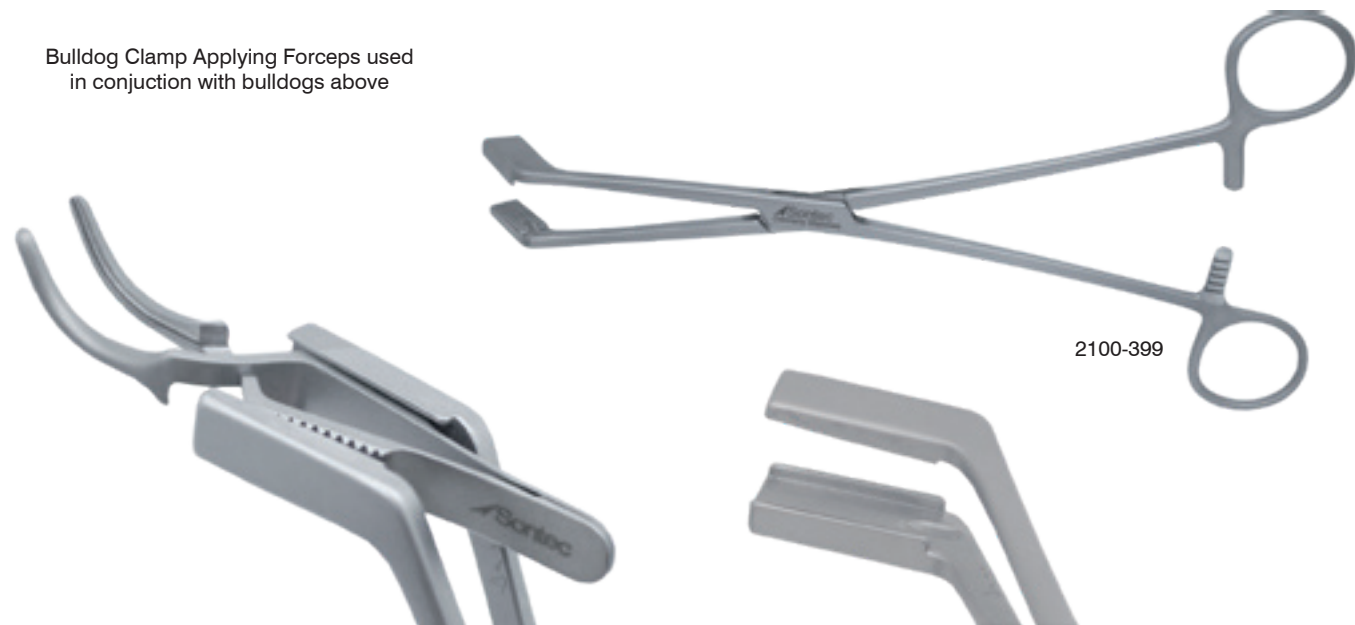
2100-422

2100-427

2100-432

2100-437

Bulldog Clamp Applying Forceps used in conjunction with bulldogs above



2100-399

**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)



2100-804

\* 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)



2100-812



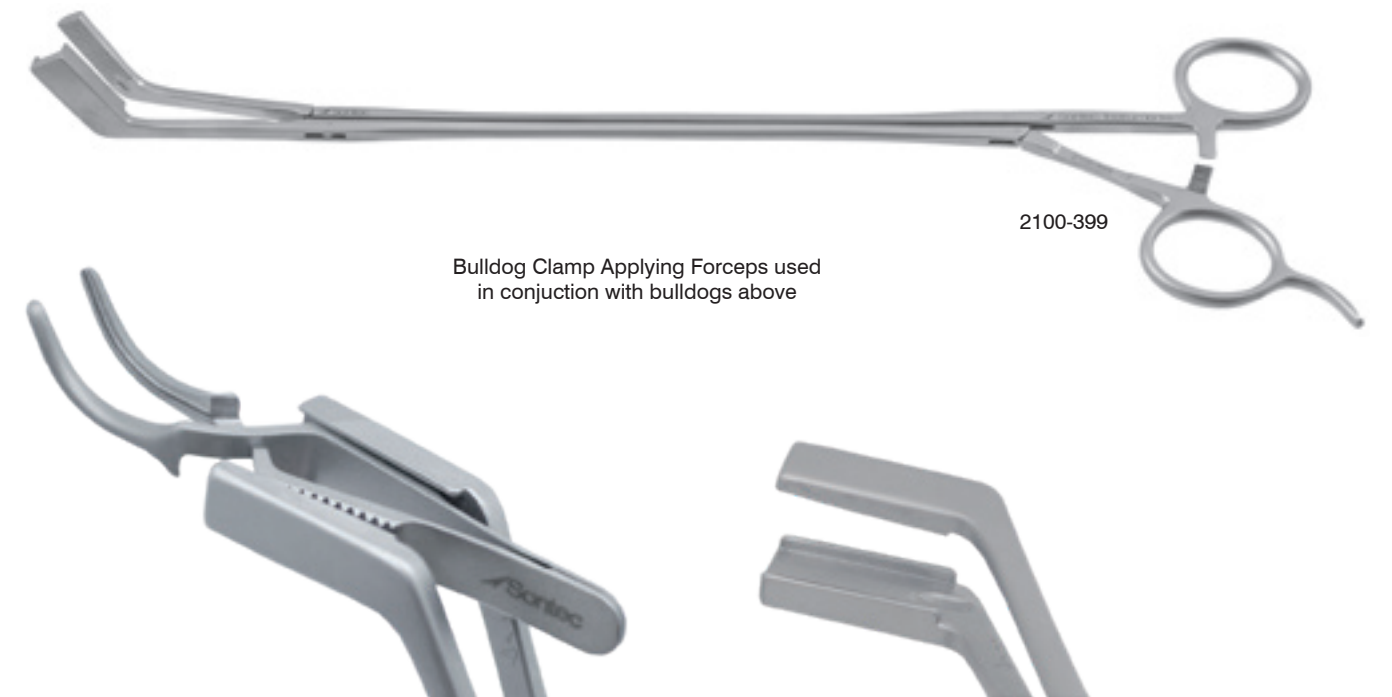
2100-810

2100-812

2100-814

2100-816

Bulldog Clamp Applying Forceps used in conjunction with bulldogs above

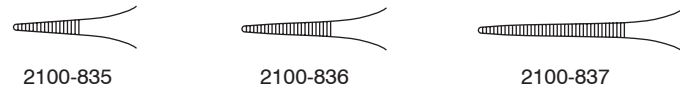


2100-399

**Dietrich Micro Bulldog Clamp**

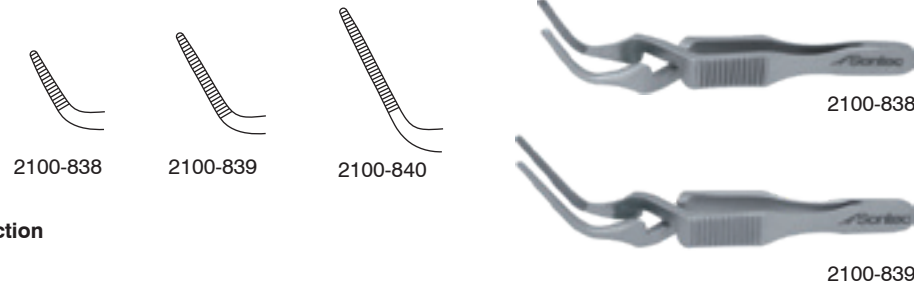
Serrated jaw / straight / 2" (5 cm) / cross-action

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



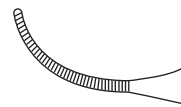
Serrated jaw / angled / 2" (5 cm) / cross-action

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



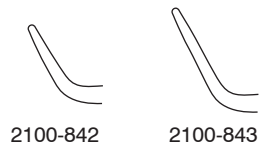
Serrated jaw / curved / 2" (5 cm) / cross-action

- 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



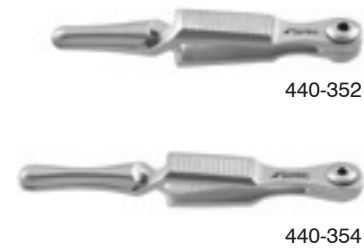
**John Hopkins Bulldog Clamp**

**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"

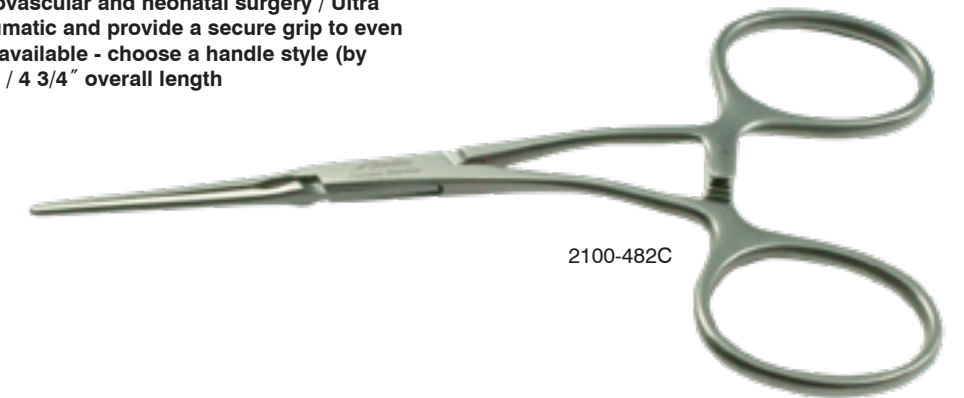
**Curved / cross-action**

- 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"

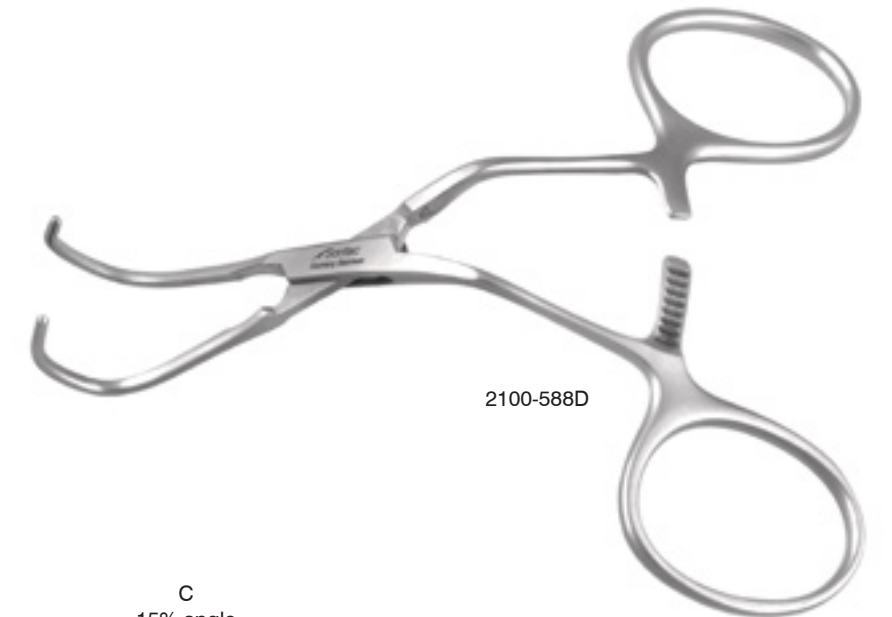


**Cooley and Debakey Neonatal Cardiovascular Clamp**

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



**Halstead Mosquito Forceps**

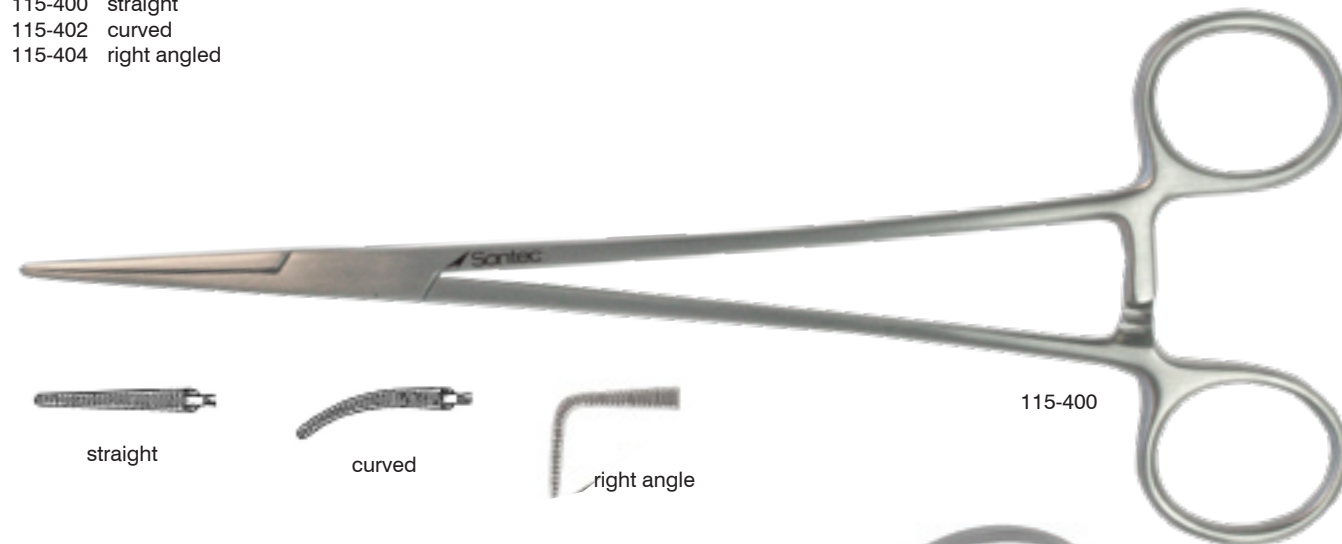
**Standard / 6 1/4" (15.5 cm)**

115-408 curved



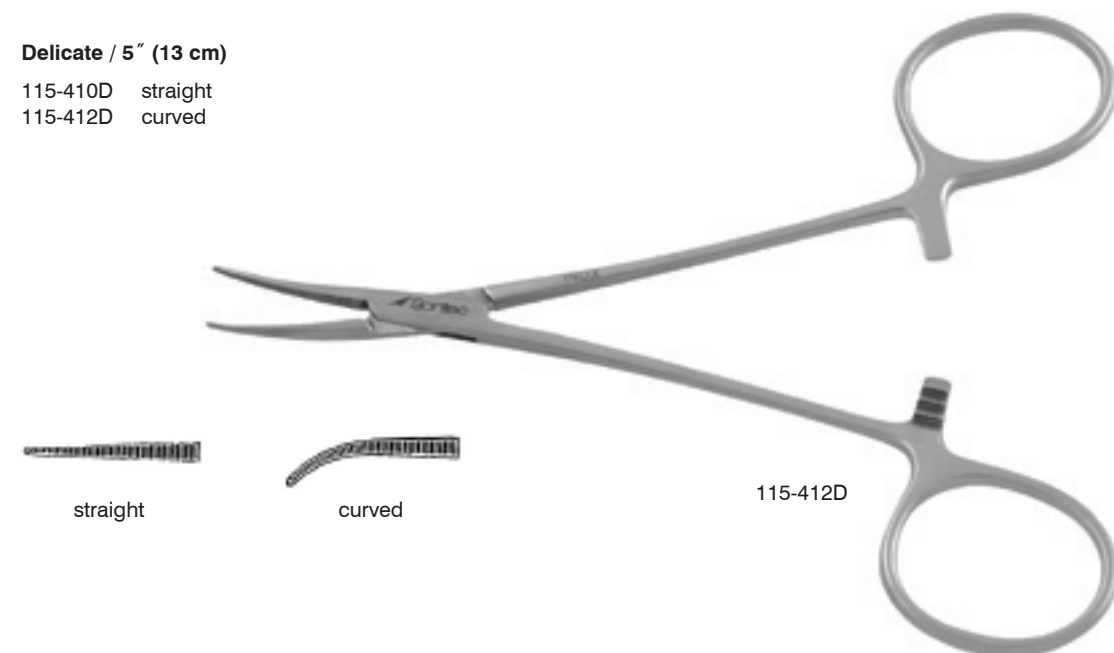
**Standard / 8 1/4" (21 cm)**

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



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

115-410D straight  
115-412D curved



**Hartman Mosquito Forceps**

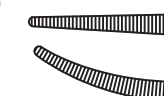
**Delicate / 3 1/2" (9 cm)**

115-426D straight  
115-428D curved



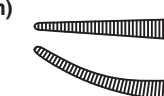
**Standard / 3 1/2" (9 cm)**

115-426 straight  
115-428 curved



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

115-310 straight  
115-312 curved

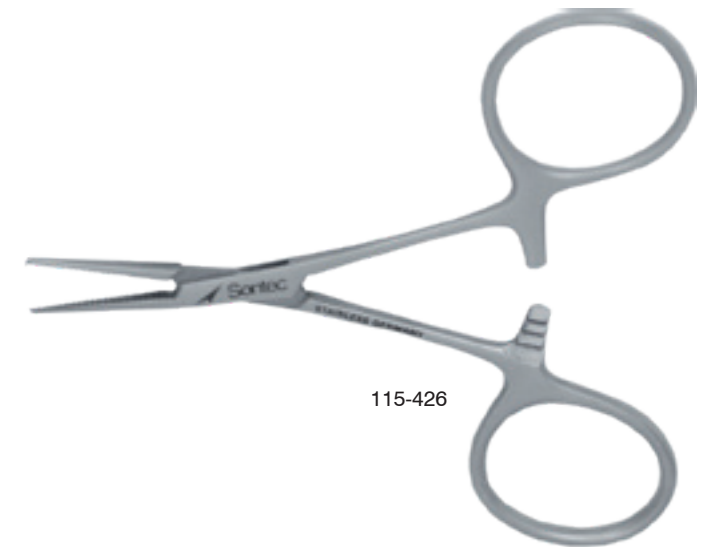


**Shank angled on flat / straight/ 3 1/2" (9cm)**

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)**

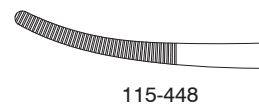
115-422M



**Kelly Forceps**

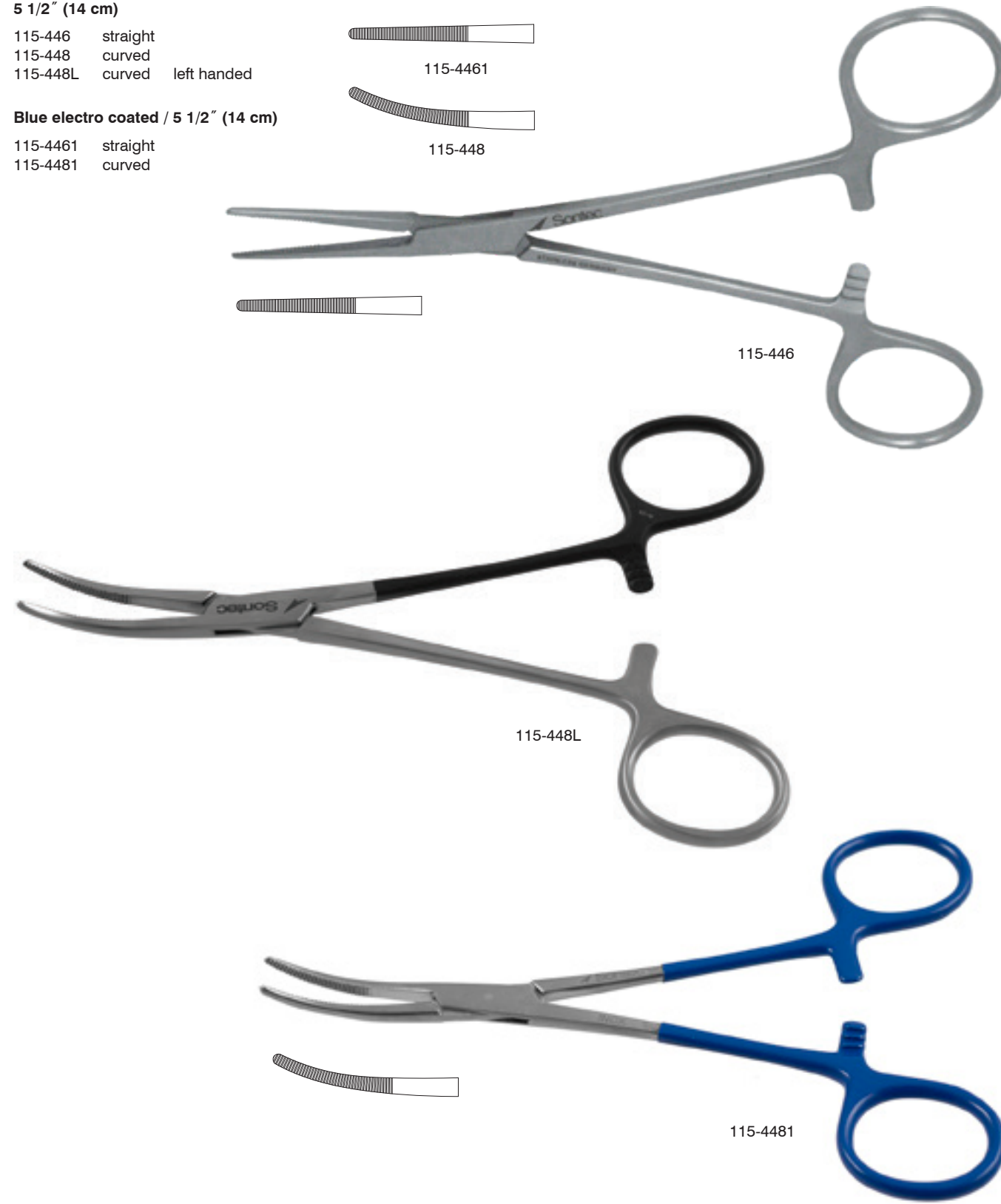
5 1/2" (14 cm)

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



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

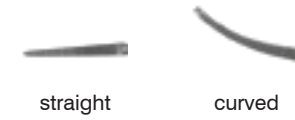
- 115-4461 straight
- 115-4481 curved



**Hartman Micro Tip Mosquito Forceps**

3 1/2" (8.9 cm)

- 115-310 straight
- 115-312 curved



4 3/4" (12cm)

- 115-316 straight
- 115-318 curved

6" (15 cm)

- 115-320 straight
- 115-322 curved
- 115-407 curved petite point

6 1/4" (15.5 cm)

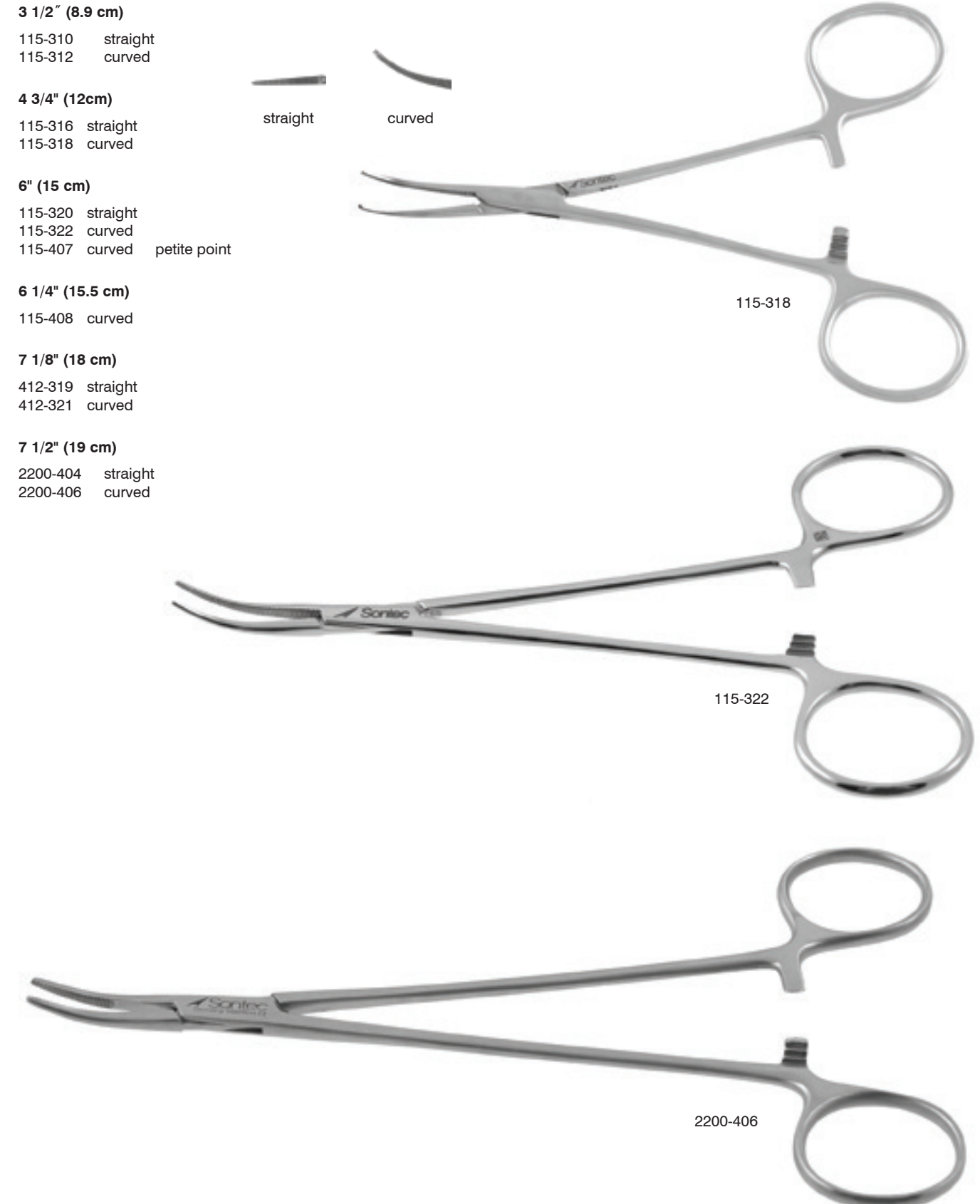
- 115-408 curved

7 1/8" (18 cm)

- 412-319 straight
- 412-321 curved

7 1/2" (19 cm)

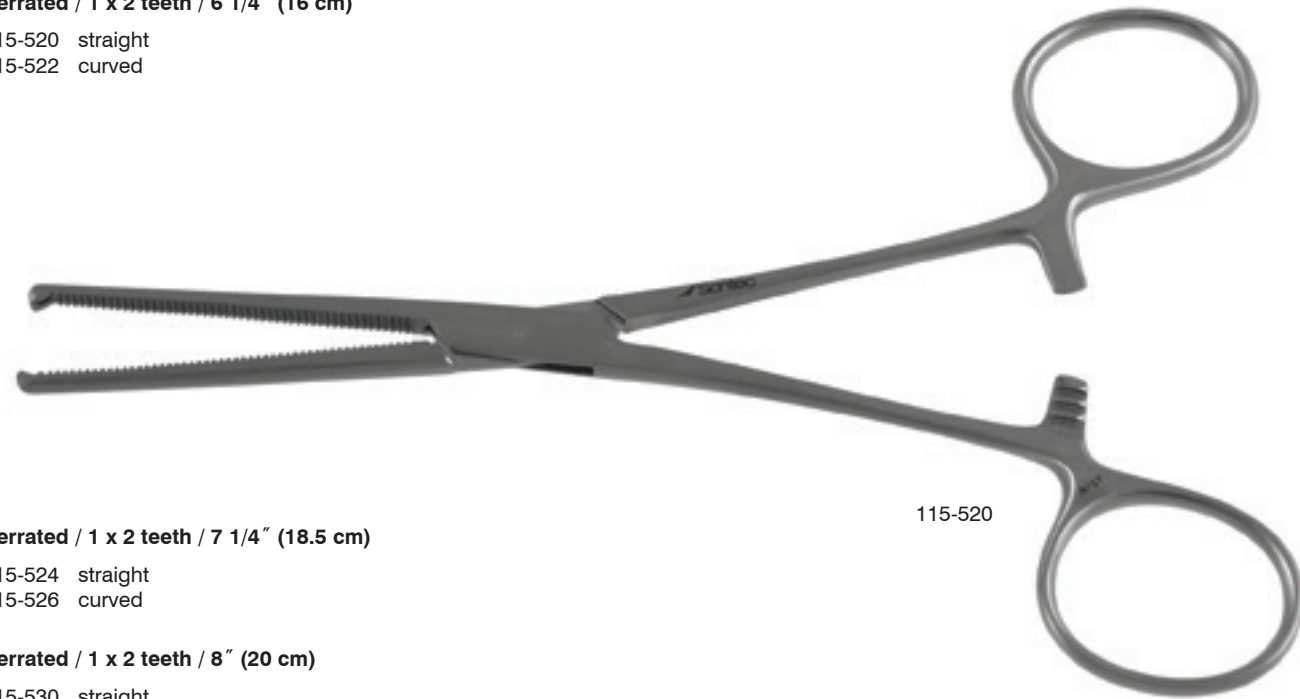
- 2200-404 straight
- 2200-406 curved



**Rochester-Ochsner Forceps**

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

- 115-520 straight
- 115-522 curved



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

- 115-524 straight
- 115-526 curved

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

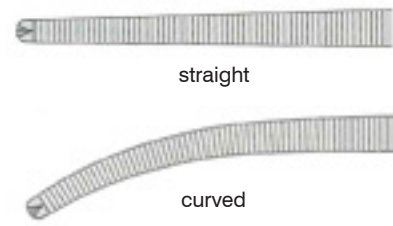
- 115-530 straight
- 115-532 curved

**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



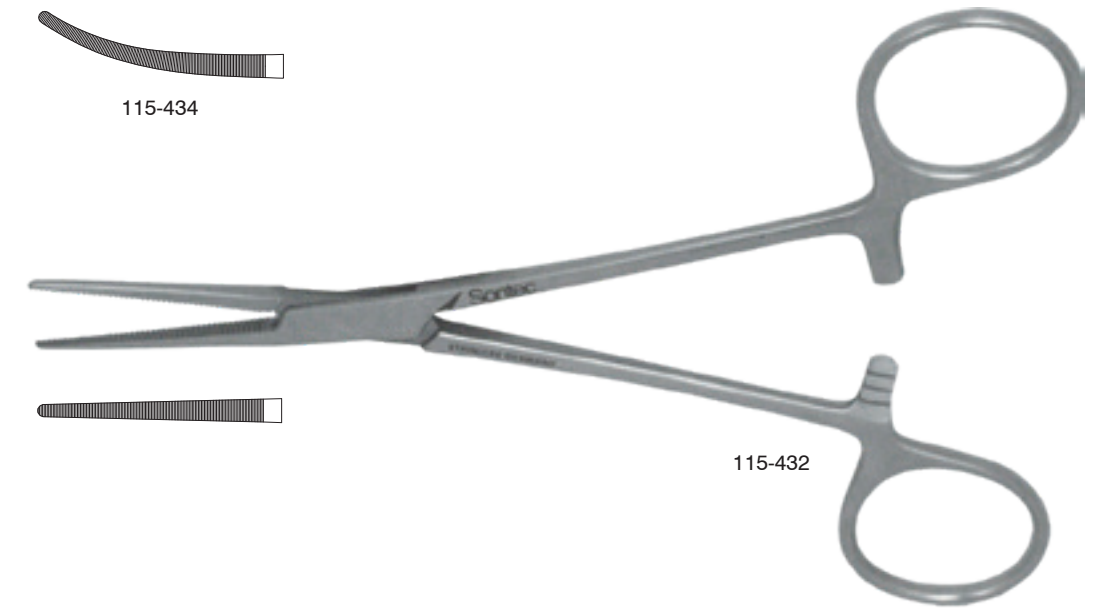
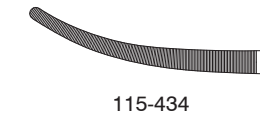
**Crile Forceps**

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

- 115-432 straight
- 115-434 curved

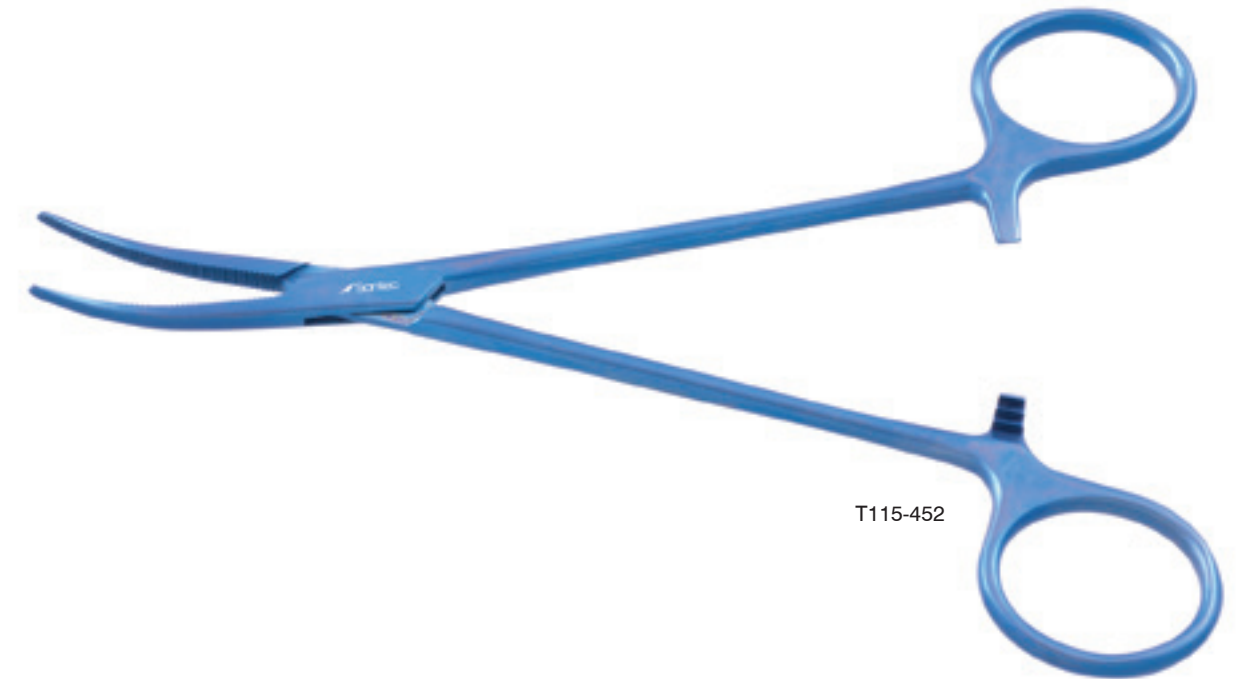
**6 1/4" (16 cm)**

- 115-450 straight
- 115-452 curved



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

- T115-452 curved
- T115-450 straight



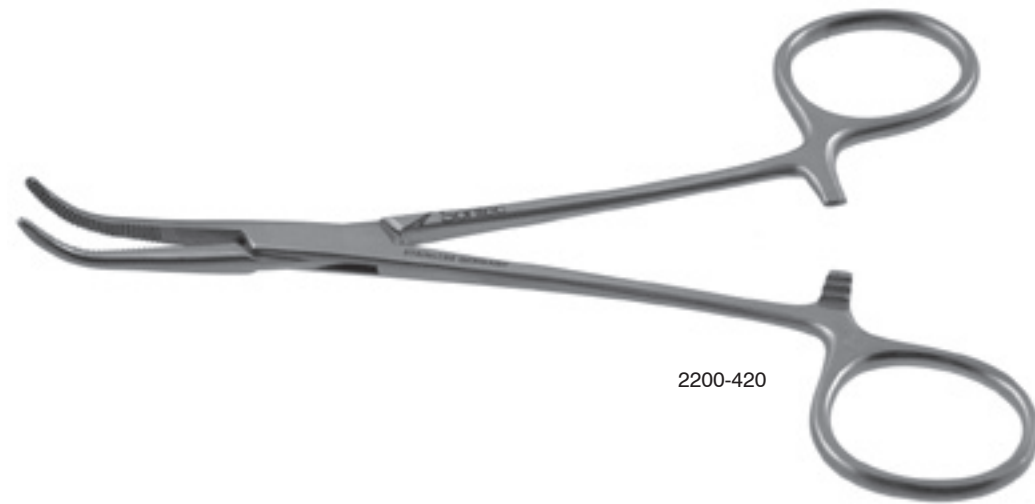
**Adson Forceps**

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

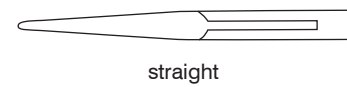
2200-420 curved

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

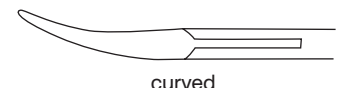
2200-422 straight jaw  
 2200-424 curved jaw  
 2200-426 full curved jaw



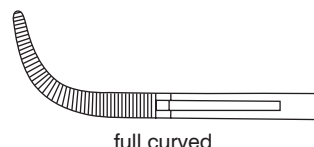
2200-420



straight



curved



full curved



2200-426

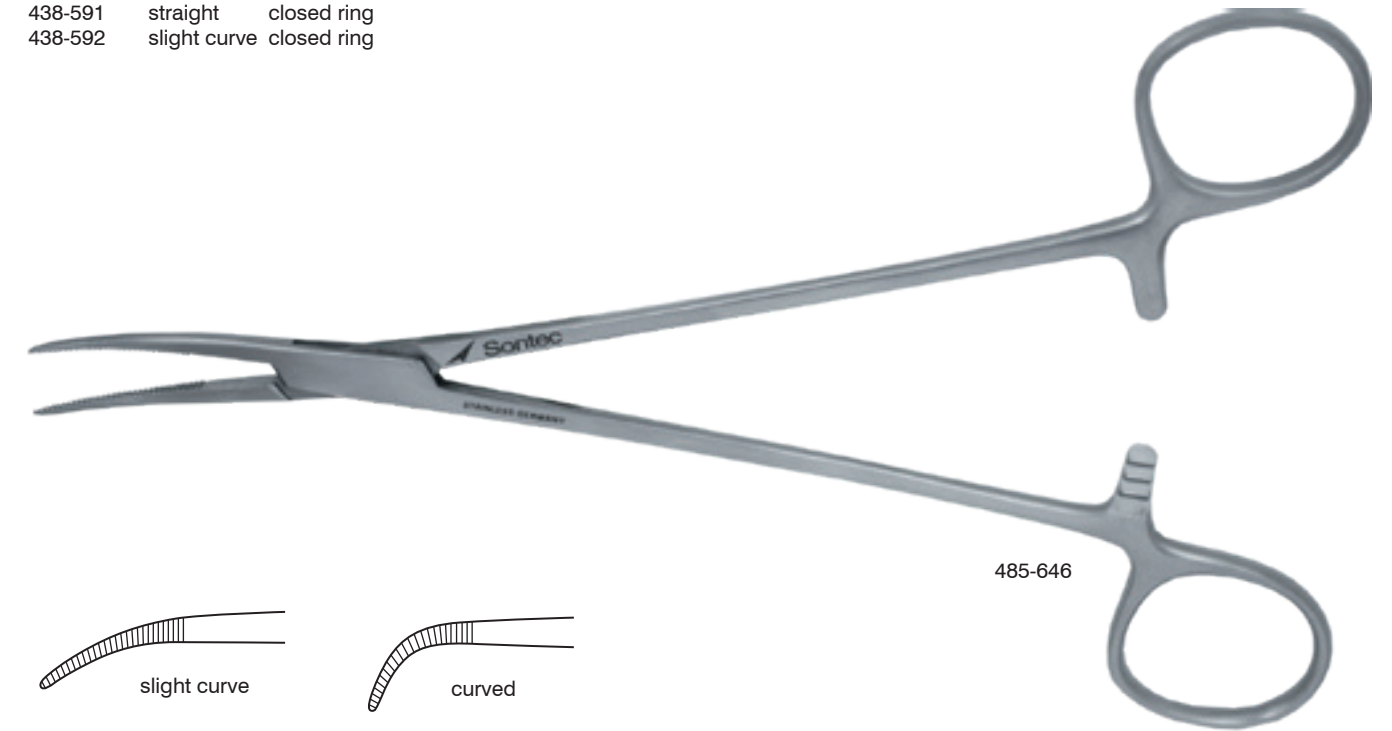
**Schmidt Hemostatic Forceps**

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

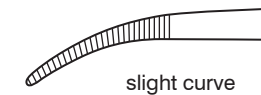
485-634 slight curve  
 485-636 curved  
 485-646 slight curve closed ring  
 485-648 curved closed ring

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

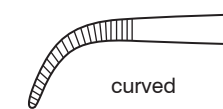
438-591 straight closed ring  
 438-592 slight curve closed ring



485-646



slight curve



curved



438-592

**Lahey Vulsellum Forceps**

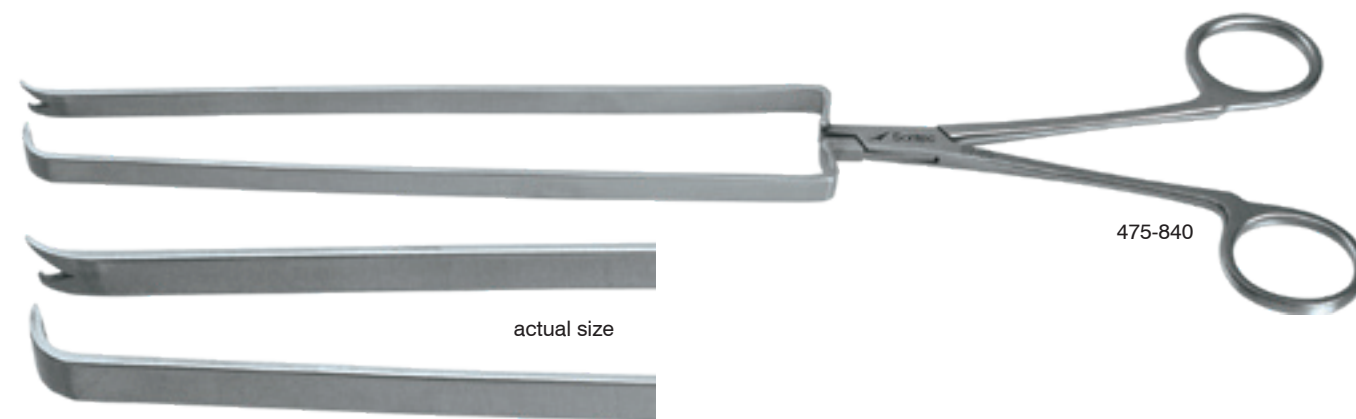
150-240 6"  
150-2408 8"



150-240

**Pitanguy Abdomen Marking Forceps**

11" (28 cm)  
475-840

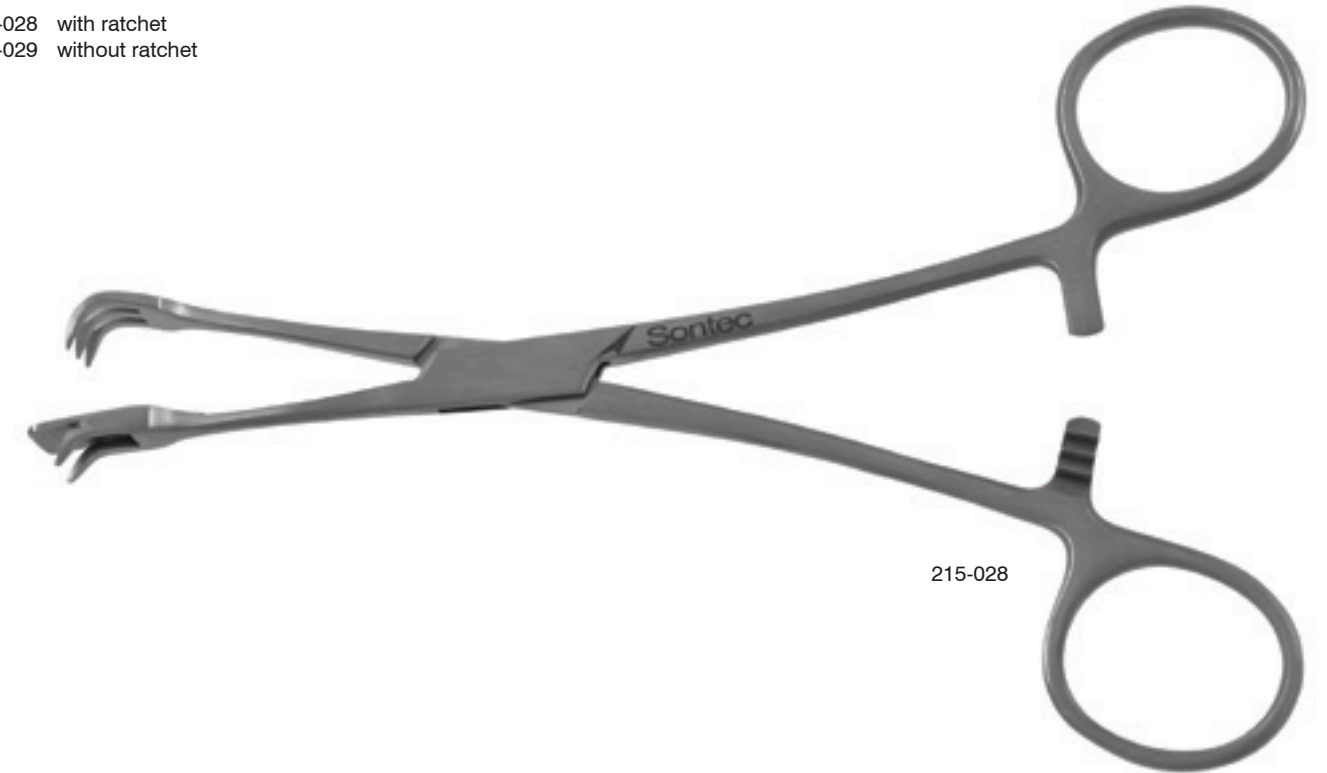


475-840

actual size

**D'assumpcoa Face Lift Marker**

6 1/4" (16 cm)  
215-028 with ratchet  
215-029 without ratchet



215-028

**Marten Face Lift Marker**

6 3/8" (16 cm)  
215-026 without ratchet  
215-027 with ratchet



215-027

**Pitanguy Marking Forceps**

6 1/2" (17 cm)  
475-846 serrated  
475-847 3 teeth



475-846



475-847

**Pitanguy Abdominal Marking Forceps**

12 1/2" (31.8 cm)  
475-849



475-849

**Tchalekian Mammary Marker Forceps**

11" (28 cm)  
475-842



475-842

**Pitanguy Rhytidoplasty Marking Forceps**

5 1/2" (14 cm)  
475-845



475-845

**Pitanguy Flap Grasping Forceps**

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

475-850



475-850

**Aiach-Gubisch Forceps**

6 1/4" (15.9 cm)

115-554



115-554

**Backhaus Towel Forceps**

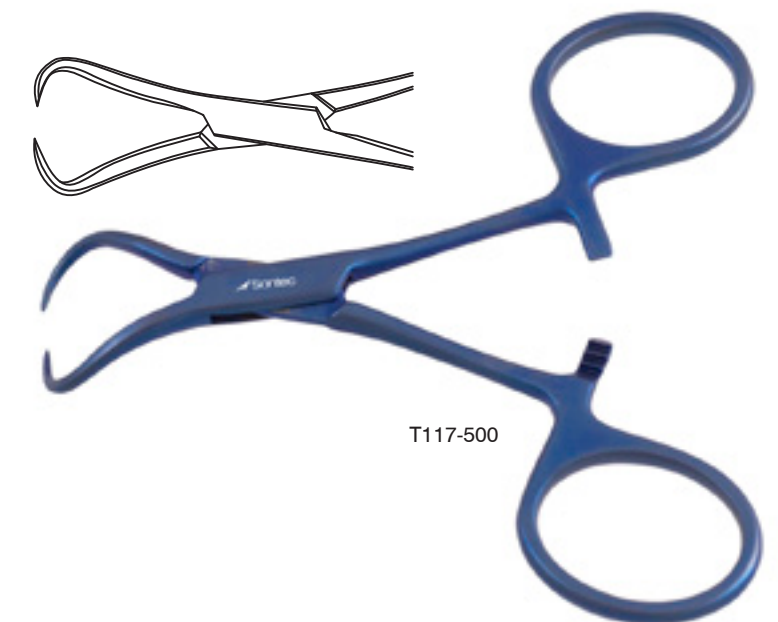
- 117-500 3 1/2" (9 cm)
- 117-500L 3 1/2" (9 cm) left handed
- T117-500 3 1/2" (9 cm) titanium



117-500



117-500L



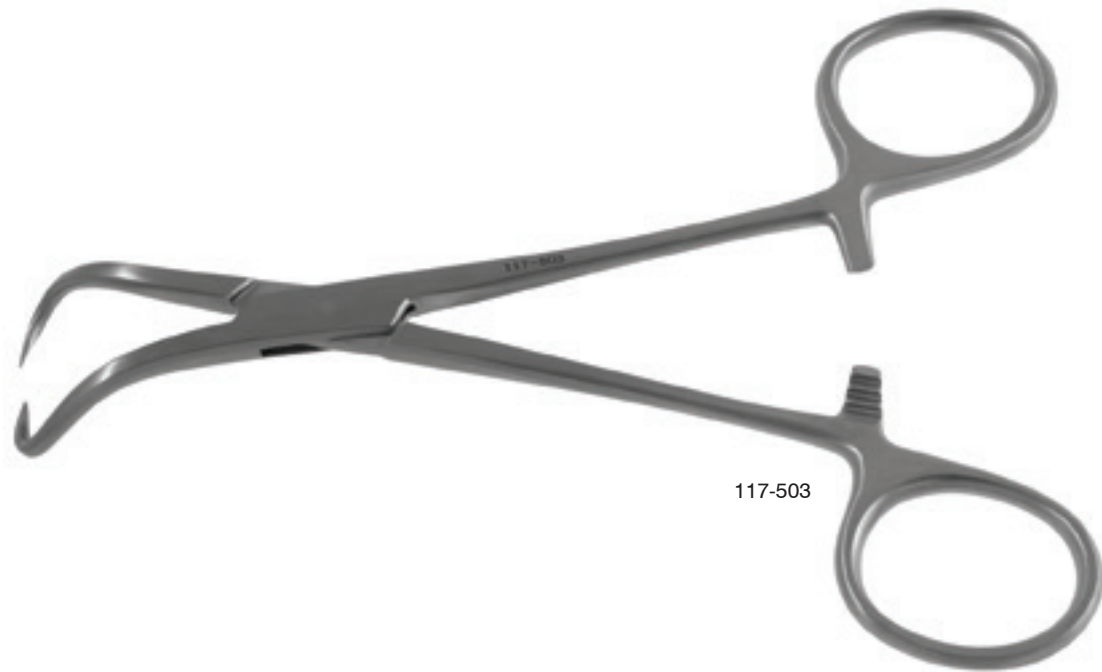
T117-500

**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**

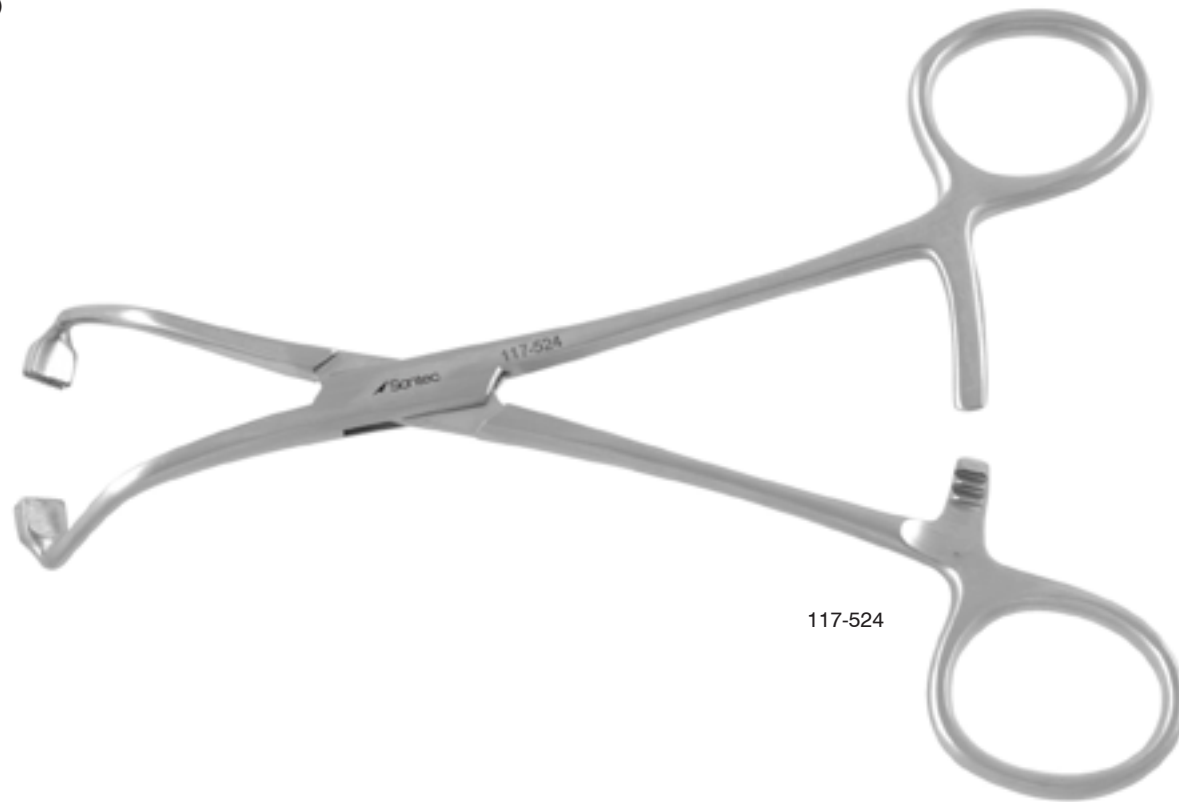
117-523 5 1/8" (13 cm)



117-523

**Peers Towel Forceps**

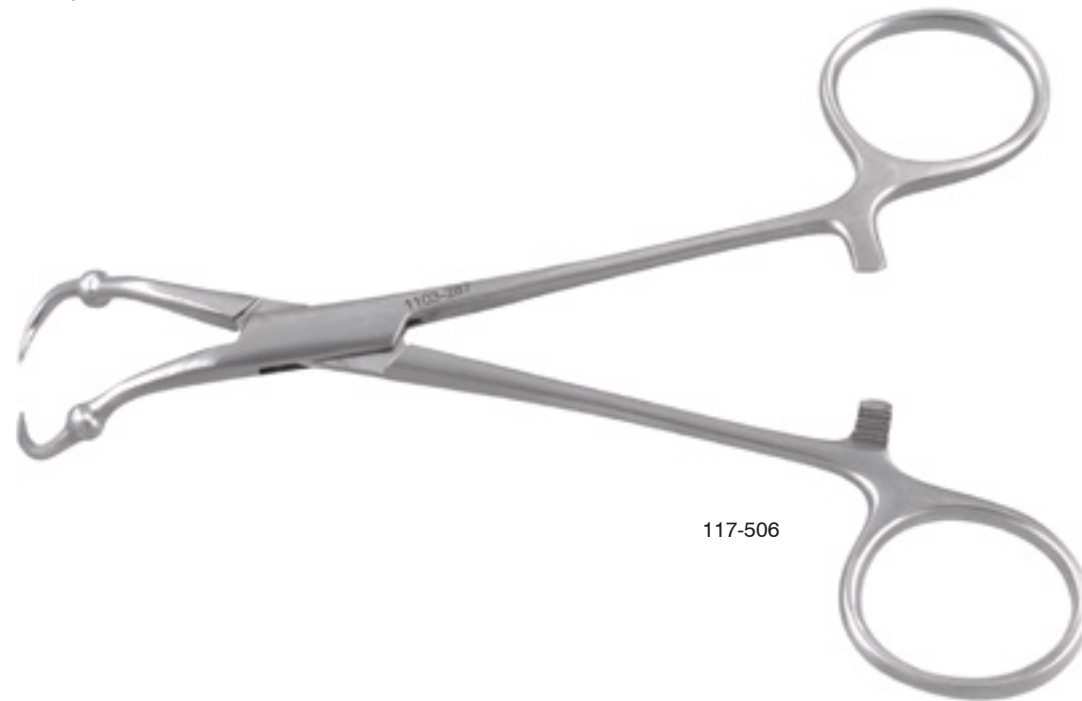
5 3/4" (14.6 cm)  
117-524



117-524

**Roeder Towel Forceps**

Beaded prongs / 5 1/4" (13.3 cm)  
117-506



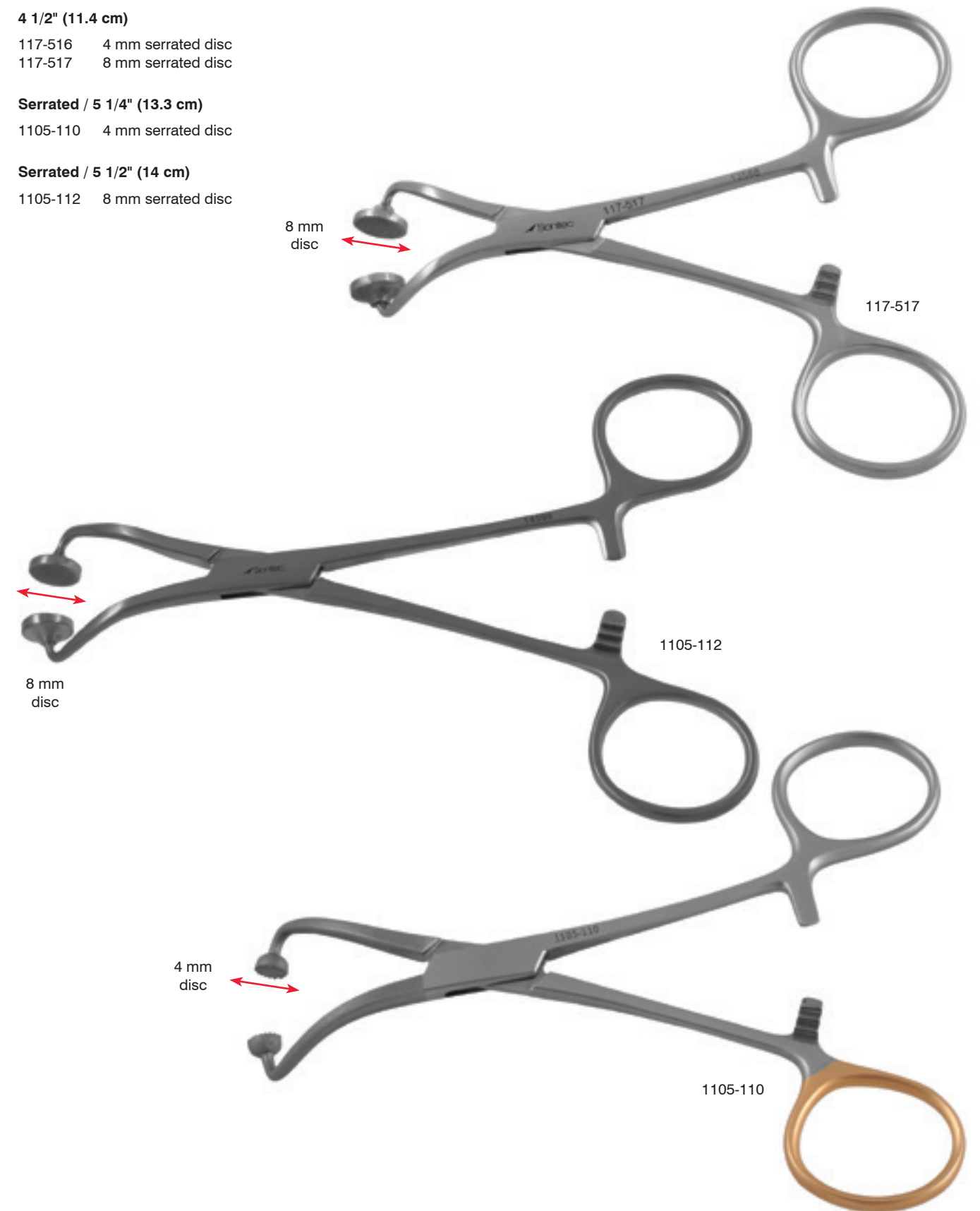
117-506

**Towel Clamp**

4 1/2" (11.4 cm)  
117-516 4 mm serrated disc  
117-517 8 mm serrated disc

Serrated / 5 1/4" (13.3 cm)  
1105-110 4 mm serrated disc

Serrated / 5 1/2" (14 cm)  
1105-112 8 mm serrated disc



8 mm disc

117-517

8 mm disc

1105-112

4 mm disc

1105-110



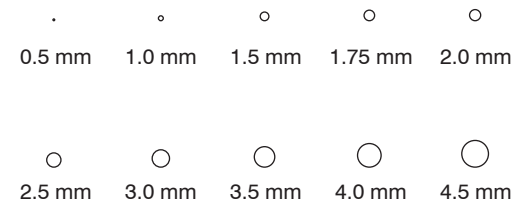
 Sontec Instruments®

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

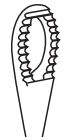


12-1368

**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

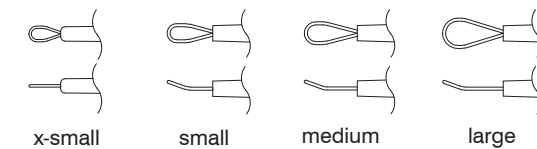


467-415

**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)**

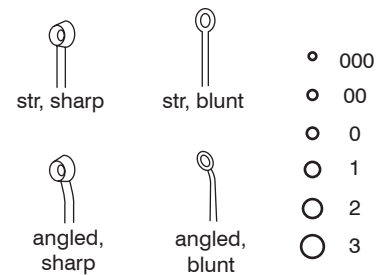
- 467-379 size 000
- 467-380 size 00
- 467-382 size 0
- 467-384 size 1
- 467-386 size 2
- 467-388 size 3



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



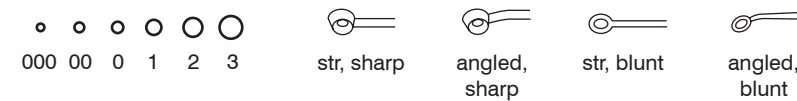
467-379SL

**Hex handle / angled / sharp / 6 1/2" (16.5 cm)**

- 467-410HL size 2



467-410HL



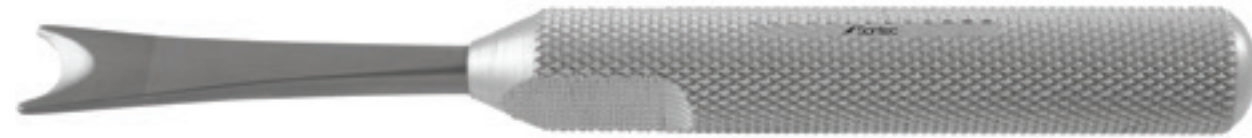


 Sontec Instruments®

GOUGES

**Brauer Rocking Nasal Chisel**

13 mm / 6 1/4" (15.9 cm)  
467-505



467-505

**Parkes Gouge**

6.5 mm / 7" (18 cm)  
330-051



330-051

**Killian-Claus Septum Gouge**

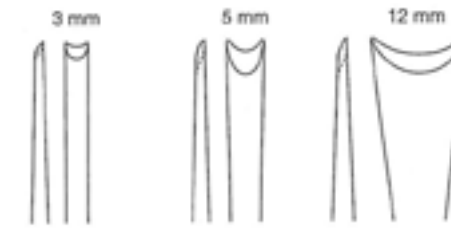
Bayonet / v-tip / 6 1/2" (16.5 cm)  
330-061



330-061

**Walter Meniscus Gouge**

7 1/2" (19.1 cm)  
330-070 3 mm  
330-072 5 mm  
330-074 12 mm



**Capener Lamina Cranked Gouge**

Bayonet / 9 1/2" (24 cm)  
330-054 6 mm  
330-058 11 mm  
330-056 13 mm



330-056

**Smith-Petersen Gouge**

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

- 330-630 6 mm (1/4") tip
- 330-631 9 mm (3/8") tip
- 330-632 13 mm (1/2") tip
- 330-633 16 mm (5/8") tip
- 330-634 19 mm (3/4") tip
- 330-635 25 mm (1") tip
- 330-636 32mm (1 1/4") tip



330-633

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

- 330-640 6 mm (1/4") tip
- 330-641 9 mm (3/8") tip
- 330-642 13 mm (1/2") tip
- 330-643 16 mm (5/8") tip
- 330-644 19 mm (3/4") tip
- 330-645 25 mm (1") tip
- 330-646 32mm (1 1/2")tip

**Cobb Type Spinal Gouge**

**11" (20.5 cm)**

- 330-650 straight
- 330-651 medium curve
- 330-652 strong curve
- 330-653 reverse curve



330-652

**Sontec Micro Gouge**

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

- 475-803 3mm
- 475-804 4mm
- 475-805 5mm
- 475-806 6mm



475-803

**Mini Lexer Gouge**

**7" (18 cm)**

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



330-024



330-023



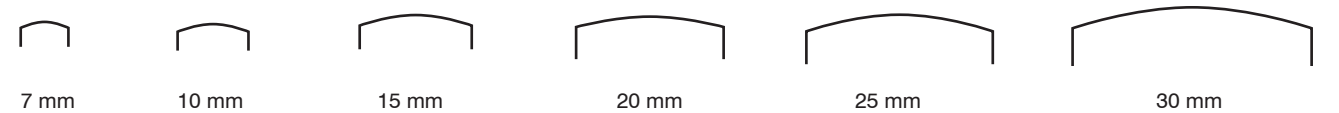
**Lexer Gouge**

**8 3/4" (22.5 cm)**

- 330-030 7 mm tip
- 330-031 10 mm tip
- 330-032 15 mm tip
- 330-033 20 mm tip
- 330-034 25 mm tip
- 330-035 30 mm tip



330-033



**Hibbs Gouge**

**Straight / 9 1/2" (24.1 cm)**

330-590	1/4"
330-591	3/8"
330-592	1/2"
330-593	5/8"
330-594	3/4"
330-595	7/8"
330-596	1"
330-597	1 1/8"
330-598	1 1/4"
330-599	1 1/2"



330-591

**Curved / 9 1/2" (24.1 cm)**

330-600	1/4"
330-601	3/8"
330-602	1/2"
330-603	5/8"
330-604	3/4"
330-605	7/8"
330-606	1"
330-607	1 1/8"
330-608	1 1/4"
330-609	1 1/2"

**Hibbs Chisel**

**Straight / 9 1/2" (24.1 cm)**

330-500	1/4"
330-511	3/8"
330-512	1/2"
330-513	5/8"
330-514	3/4"
330-515	7/8"
330-516	1"
330-517	1 1/8"
330-518	1 1/4"
330-519	1 1/2"



330-517

**Curved / 9 1/2" (24.1 cm)**

330-530	1/4"
330-531	3/8"
330-532	1/2"
330-533	5/8"
330-534	3/4"
330-535	7/8"
330-536	1"
330-537	1 1/8"
330-538	1 1/4"
330-539	1 1/2"

**Sontec Chisel**

**Curved / 7 1/4" (18.4 cm)**

330-460	7 mm
---------	------



330-460

**Straight / 7 1/4" (18.4 cm)**

330-462	6 mm
330-464	8 mm
330-466	10 mm
330-468	12 mm
330-470	16 mm
330-472	22 mm



330-464



330-466



330-468



330-470



330-472



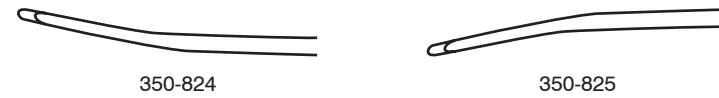
 Sontec Instruments®

ENT Plastic OSTEOTOMES

**Neivert Anderson Guarded Osteotome**

With single guard / 8" (20 cm)

- 350-826 straight
- 350-826N straight narrow
- 350-824 curved right
- 350-824N curved right narrow
- 350-825 curved left
- 350-825N curved left narrow



350-826



350-824N



350-825N

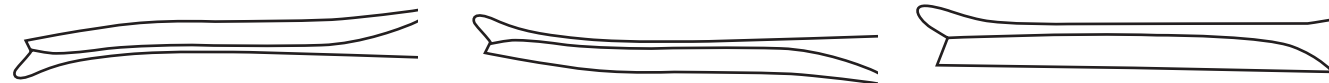
**Silver Guarded Osteotome**

With single guard / 7" (18 cm)

- 350-827 straight
- 350-829 curved right
- 350-828 curved left



350-828



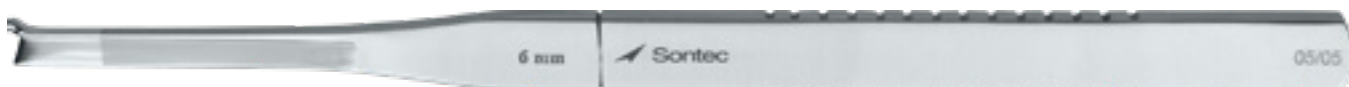
350-827

350-828

350-829

With single guards / 6 mm / 8" (20.3 cm)

- 475-794 straight
- 475-798 curved right
- 475-796 curved left



475-794



**Cinelli Guarded Osteotome**

With double guards / 6 1/4" (15.9 cm)

- 475-760 13/32" (10 mm)
- 475-762 15/32" (12 mm)
- 475-764 9/16" (14 mm)
- 475-766 5/8" (16 mm)



475-762

**Pitanguy U-Shaped Osteotome**

Semi-guarded / 8" (20 cm)

- 475-719 11/32" (9 mm)
- 475-722 15/32" (12 mm)
- 475-725 19/32" (15 mm)



475-719

**Brauer-Cottle Osteotome**

Graduated / cruciform / flat / 7 3/4" (19.7 cm)

- 475-734 5/32" (4 mm)
- 475-737 9/32" (7 mm)
- 475-739 11/32" (9 mm)
- 475-742 15/32" (12 mm)

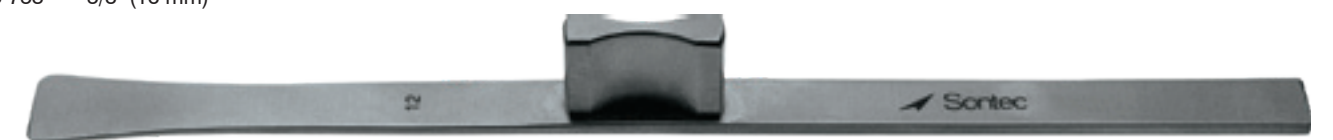


475-737

**Rubin Rounded Corner Osteotome**

6 3/4" (17 cm)

- 475-750 13/32" (10 mm)
- 475-752 15/32" (12 mm)
- 475-754 9/16" (14 mm)
- 475-753 5/8" (16 mm)



475-752

**Micro Plastic Surgery Osteotome**

With guide / with special guide pin / 7 1/4"

- 475-785G1 2.5 mm
- 475-785G2 3mm

No guards / straight / 8" (20 cm)

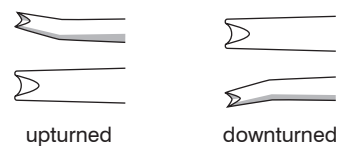
- 475-785A 2.5 mm
- 475-785B 3mm
- 475-785C 4mm
- 475-785D 6mm
- 475-785E 8mm
- 475-785F 10mm
- 475-785G 12mm
- 475-785H 14mm



**"V" Sontec® Osteotomes**

6" (15 cm)

- 478-768 (4 mm) upturned
- 478-770 (4 mm) downturned
- 478-772 (2 mm)
- 478-773 (3 mm)
- 478-774 (4 mm)
- 478-775 (5 mm)
- 478-776 (6 mm)
- 478-778 (8 mm)
- 478-780 (10 mm)
- 478-782 (12 mm)
- 478-785 (15mm)



**Plastic Surgery Guarded Osteotome**

With single guard / straight / 8" (20.3 cm)

- 475-782 1/4" (6 mm)
- 475-783 5/16" (8 mm)
- 475-784 13/32" (10 mm)

With double guards / straight / 8" (20.3 cm)

- 475-775 13/32" (10 mm)
- 475-776 15/32" (12 mm)
- 475-777 9/16" (14 mm)
- 475-778 5/8" (16 mm)

With single guard / curved / 8" (20.3 cm)

- 475-768 5/16" (8 mm) right
- 475-769 5/16" (8 mm) left
- 475-770 13/32" (10 mm) right
- 475-771 13/32" (10 mm) left
- 475-772 15/32" (12 mm) right
- 475-773 15/32" (12 mm) left



With double guards / curved / 8" (20.3 cm)

- 475-779 13/32" (10 mm)
- 475-780 15/32" (12 mm)



**Alexander Osteotome**

Square serrated handle / straight / 7" (17.8 cm)

- 330-302 2 mm
- 330-303 3 mm
- 330-304 4 mm
- 330-305 5 mm
- 330-306 6 mm
- 330-308 8 mm
- 330-310 10 mm
- 330-312 12 mm
- 330-314 14 mm

**Plastic Surgery Osteotome**

Without guards / curved / 8" (20.3 cm)

- 475-790 5/16" (8 mm)
- 475-791 13/32" (10 mm)
- 475-792 15/32" (12 mm)



475-791

**Schrom Guarded Osteotome**

With guide / 3 mm / 7 3/4" (19.5 cm)

- 350-835ST straight
- 350-835LF curved for left side
- 350-835RT curved for right side

Black model / ceramic coated / with guide / 3 mm / 7 3/4" (19.5 cm)

- 350-835STB straight
- 350-835LFB curved for left side
- 350-835RTB curved for right side



350-835ST



350-835LF



350-835LFB



350-835RTB

**Alexander Osteotome**

Square serrated handle / straight / 7" (17.8 cm)

- 330-302 2 mm
- 330-303 3 mm
- 330-304 4 mm
- 330-305 5 mm
- 330-306 6 mm
- 330-308 8 mm
- 330-310 10 mm
- 330-312 12 mm
- 330-314 14 mm



330-302

**Cook Guarded Osteotome**

Right / upward / 6 1/2" (16.4 cm)

- 478-789 2 mm
- 478-788 3 mm
- 478-791 4 mm



478-788

Left / upward / 6 1/2" (16.4 cm)

- 478-790 2 mm
- 478-787 3 mm
- 478-792 4 mm

**Cakir Osteotome**

V-shaped blade / straight / 3 mm tip / 7" (18 cm)

- 475-787



475-787

**Famous Gubisch Nasal Osteotome**

Straight / delicate / 4 mm tip size / 7 3/4" (20 cm)

- 475-789



475-789

**Sontec® Pattern Plastic Osteotome**

7" (18 cm)

330-482	3/32" (2 mm)
330-483	1/8" (3 mm)
330-484	5/32" (4 mm)
330-485	6/32" (5 mm)
330-486	1/4" (6 mm)
330-487	9/32" (7 mm)
330-488	5/16" (8 mm)
330-489	11/32" (9 mm)
330-490	13/32" (10 mm)
330-491	7/16" (11 mm)
330-492	15/32" (12 mm)
330-495	19/32" (15 mm)



330-482

**Rees Osteotome**

Knurled aluminum handle / 7 3/4"

475-711	1/8" (3 mm)
475-712	5/32" (4 mm)



475-712

**Sontec Nasal Dorsum Osteotome**

With double guard blade / 6 7/8" (17 cm)

475-731	12mm
475-732	14mm



475-731



475-732

**Sontec Nasal Tip Cartilage Punch**

With handle / 4" (10 cm)

475-729	heart shaped
475-730	figure 8 shaped



475-729



475-730

**Sontec Osteotome**

Round Handle with disc end / 6 7/8" (17 cm)

475-743	2 mm
475-744	3 mm



475-743



475-744

**Sontec Intranasal Osteotome**

7" (18 cm)

475-745	4mm
475-746	7mm



475-745



475-746

**Sontec Type Lateral Osteotome**

With guard / 8" (20 cm)

- 475-747 curved left 4 mm
- 475-748 curved right 4 mm



**Cottle Gubisch Chisel**

Sloped chiseled tip and blade / 7" (18 cm)

- 475-800 5 mm
- 475-802 12 mm



**Blume Osteotome**

Curved / with guide / 7" (18 cm)

- 475-758 6 mm



**Obwegeser Ramus Osteotome**

Curved / 8 mm / 8 1/4" (21 cm)

- 475-749



**Epker Type Osteotome**

1.2 mm tip / 7" (18 cm)

- 330-320 straight 4 mm
- 330-322 straight 6 mm
- 330-324 straight 8 mm
- 330-326 slight curve 4 mm
- 330-330 slight curve 6 mm
- 330-336 full curve 6 mm
- 330-338 full curve 8 mm



**Walter Osteotome**

straight / 2 mm / 7 1/2"

- 475-810





 Sontec Instruments®

ENT Plastic 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



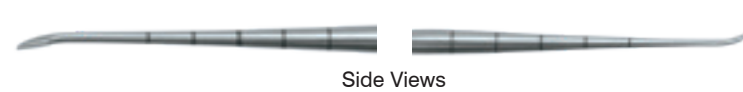
**Killian Elevator**

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**

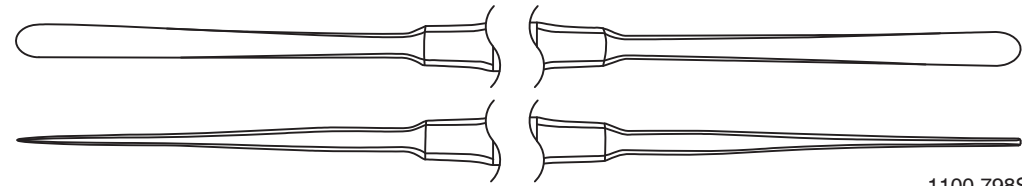
Double-ended / 7 1/2" (19 cm)  
412-585



**Freer 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

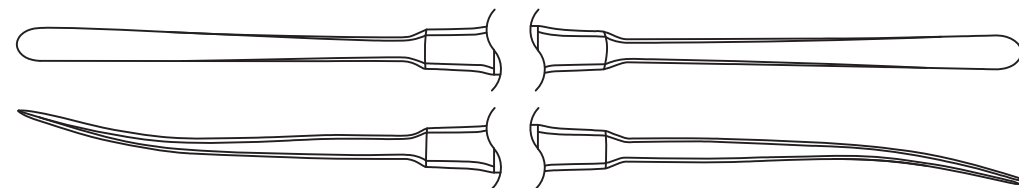
1100-798 7 3/4"

1100-798G 8 1/2"

1100-798F 8 3/4"



1100-798



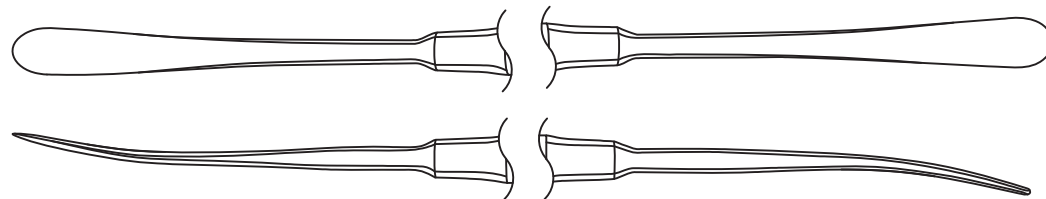
Double-ended / square handle / curved / 6.5 mm tip / sharp/blunt

1100-798A 7 3/4"

1100-798E 8 3/4"



1100-798A



**Freer Periosteal Elevator**

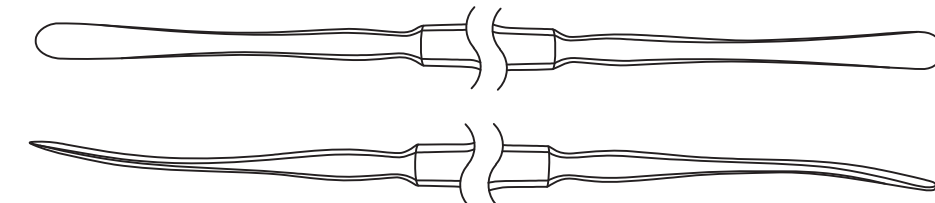
Double-ended / round handle / curved / sharp/blunt / 7 1/2"

1100-798B 5 mm tip

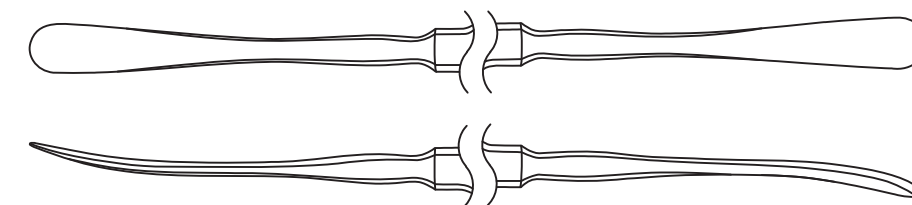
1100-798C 6.7 mm tip



1100-798B



1100-798C

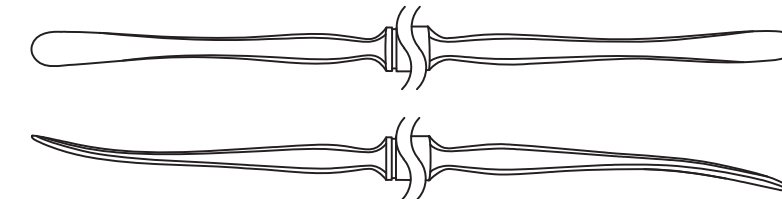


Double-ended / knurled round handle / curved / 4.5 mm tip / sharp/blunt / 6 3/4"

1100-798D



1100-798D



**Freer 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

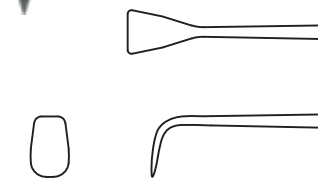


**Cronin Cleft Palate Elevator / Dissector**

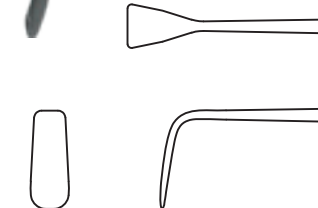
Rounded-blunt tip / 7" (18 cm)  
478-402 small  
478-405 medium  
478-400 large



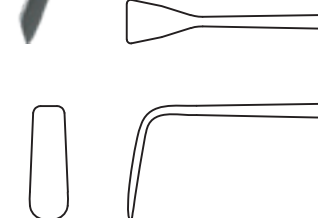
478-402



478-405



478-400



**Frontal Ostium Sound Elevator**

Double-ended w/ ball tips / 90 deg ang & cvd tips / 8 1/2" (21.5 cm)

468-161



468-161

**Lempert Elevator**

7 1/2" (19 cm)

412-519



412-519

**Sontec Forehead Lifter**

207-960	scalp	half curve	8 1/2" (21.5 cm)
207-961	scalp	quarter curve	9 3/4" (25 cm)
207-963	scalp	strong half curve	9 3/4" (25 cm)
207-966	orbital rim dissector	half curve	9 3/4" (25 cm)



207-960



207-961



207-963



207-966

**Endoscopic Forehead Lifter**

6 1/2" (16.5 cm) working length

- 207-950 set includes:  
 207-951 #1  
 207-952 #2  
 207-953 #3  
 207-954 #4  
 207-955 #5  
 207-956 #6  
 207-957 #7



207-951



207-952



207-953



207-954



207-955



207-956



207-957

**Forehead Lifting Elevator / Dissector**

Video endoscopic dissector / ergonomic lamb handle / 6 1/2" (16.5 cm) working length

- 207-921 #1 12 1/2" (30.5 cm)
- 207-922 #2 15 1/4" (39 cm)
- 207-923 #3 15 1/8" (38.8 cm)
- 207-924 #4 13" (33 cm)



207-921



207-922



207-923

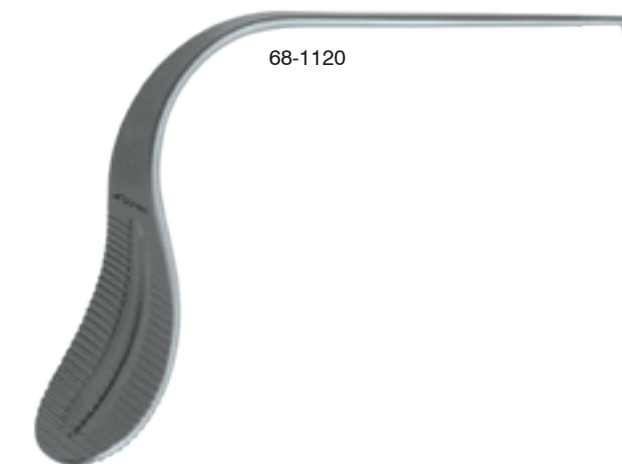


207-924

**Zoellner Micro Ear Surgery Set**

Uniquely designed handle / 3 1/4" (8 cm)

Tip	Item #	Description
	68-1100	hook, 1.0 mm point, 90° angled down
	68-1102	hook, 1.0 mm point, 90° angled up
	68-1103	hook, 1.0 mm point, 60° angled down
	68-1104	hook, 1.0 mm point, 60° angled up
	68-1105	hook, 0.5 mm point, 45° angled down
	68-1106	hook, 0.5 mm point, 45° angled up
	68-1107	hook, 1.0 mm point, curved down
	68-1108	hook, 1.0 mm point, curved up
	68-1150	needle, straight, sharp point
	68-1120	round knife, 3.0 mm long, 45°, angled down
	68-1121	round knife, 3.0 mm long, 45°, angled up
	68-1131	elevator, 2.0 mm wide, curved down
	68-1132	elevator, 2.0 mm wide curved up
	68-1165	sickle knife, 5.0 mm, long, curved up
	68-1166	sickle knife, 5.0 mm, long curved down
	68-1170	spear-pointed needle, 5.0 mm long, curved to left
	68-1171	spear-pointed needle, 5.0 mm long, curved to right
	68-1180	raspatory, 2.0 mm wide, curved to left
	68-1181	raspatory, 2.0 mm wide, curved to right



68-1120



68-1166

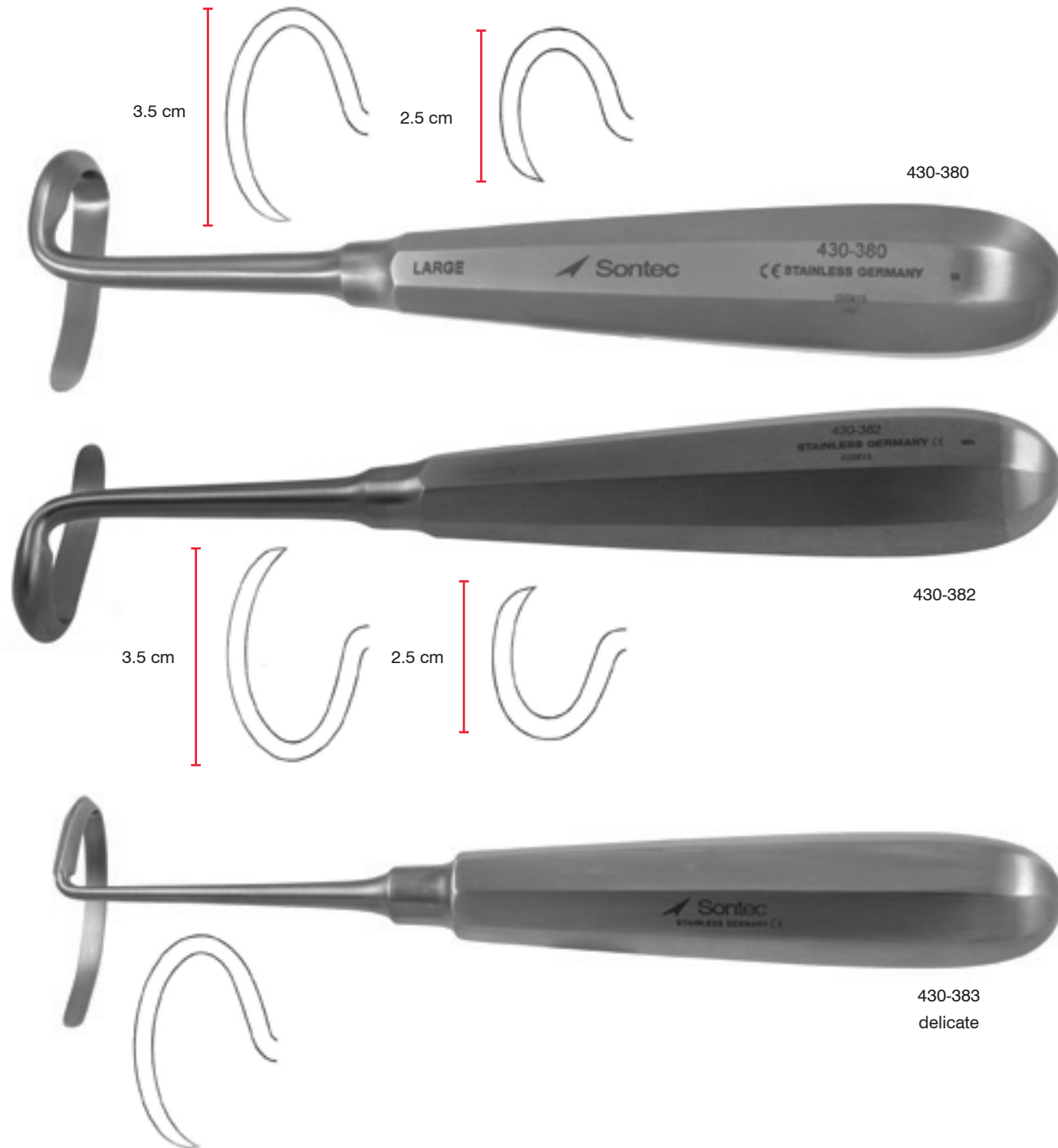
**Doyen Raspatory**

**Large 3.5 cm / 6 1/2" (16.5 cm)**

- 430-380 left
- 430-382 right
- 430-383 right delicate

**Small 2.5 cm / 6 1/2" (16.5 cm)**

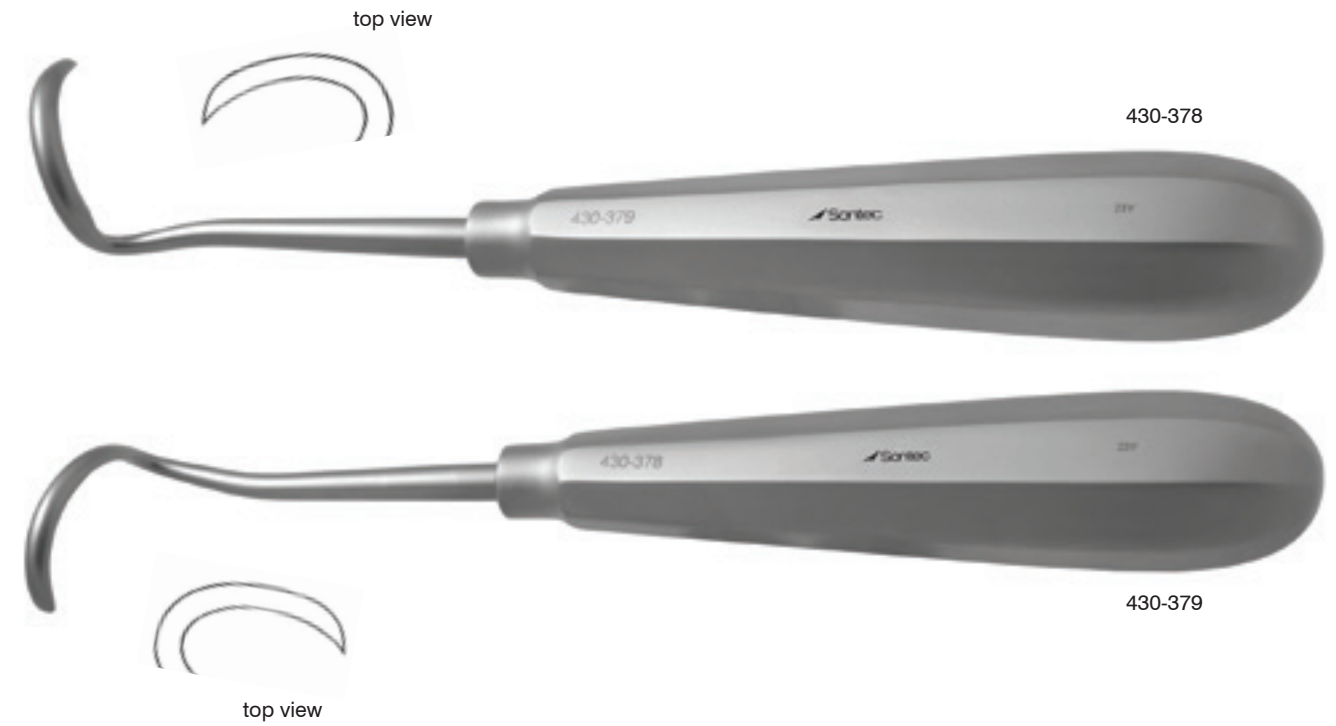
- 430-384 left
- 430-386 right



**Daniel Gubisch Rib Raspatory**

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

- 430-378 right
- 430-379 left



**Obwegeser Mandib Raspatory**

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

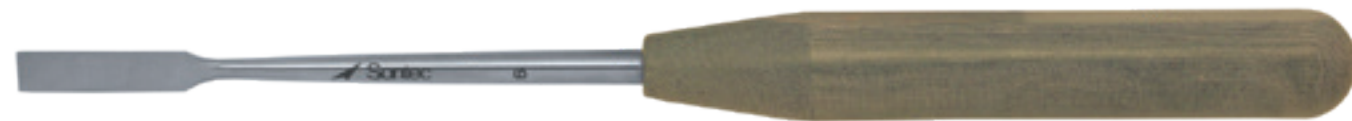
- 430-375 right
- 430-376 left



**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



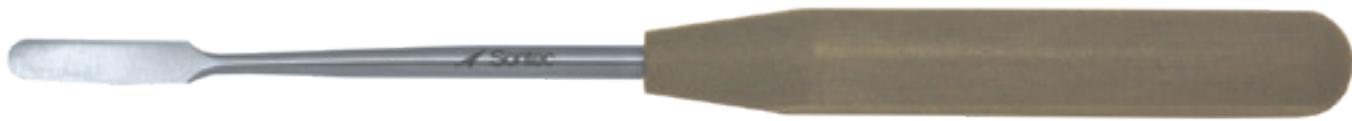
335-250



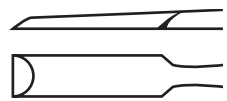
335-255



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



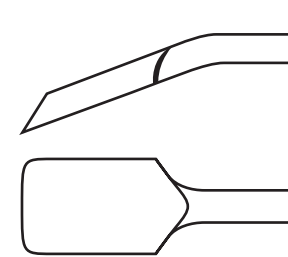
335-275



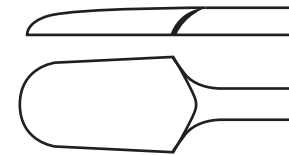
335-280



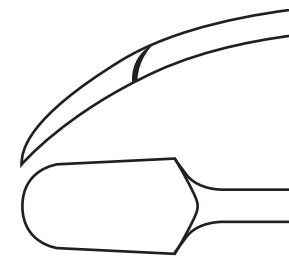
335-285



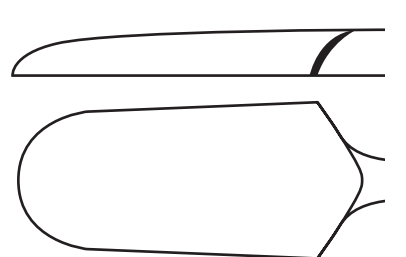
335-270



335-275



335-280



335-285



 Sontec Instruments®

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



**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®

ENT SPECULUMS

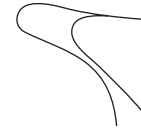
**Tieck-Halle Infant Nasal Speculum**

5 3/4" (14 cm)

16-2330 stainless  
16-2332 ebonized



16-2330



**Sonnenschein Nasal Speculum**

6" (15.2 cm)

465-320



465-320

**Killian Septum Speculum**

5 1/2" (14 cm)

465-309 2" thin low profile blades  
465-311 2 1/2" thin low profile blades  
465-313 3" thin low profile blades



465-321

**Killian Nasal Speculum**

Fixation screw / with universal fiber  
optic light guide / 5 1/4" (13.5 cm)

465-321 35mm  
465-322 50mm  
465-323 75mm



465-321



465-322



465-323

**Killian Nasal Speculum**

With universal fiber optic light guide / 85 mm / 5 1/2" (14 cm)

465-325



465-325

**Modified Cottle Speculum**

Tapered thin wide blades / 6" (15 cm)

16-2365 2" thin low profile blades



16-2365

**Cottle Speculum**

X-delicate / 5 1/2" (14 cm)

465-301 50 mm



465-301

**Cottle Septum Speculum**

Includes screw set / ebony finish / very thin blades / complete black / 5 3/4" (14 cm)

- 465-299 35 mm
- 465-300 50 mm
- 465-302 75 mm
- 465-304 100 mm



465-300

Includes screw set / ebony finish / narrow blades / 6" (15.2 cm)

- 16-2368 35 mm
- 16-2372 50 mm
- 16-2374 75 mm
- 16-2376 90 mm



16-2372

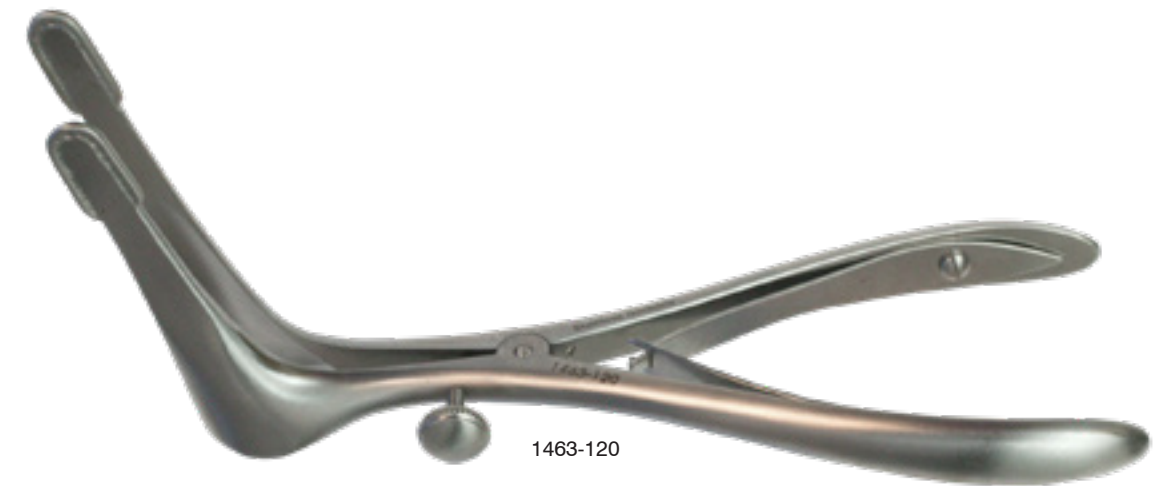
**Pashley Nasal Speculum Set**

12 mm gap / one long blade & one short blade / 5 1/2" (14 cm) / 68 mm x 8.5 mm blade / adult

- 1463-118 right
- 1463-120 left

12 mm gap / one long blade & one short blade / 5 1/2" (14 cm) / 65 mm x 6 mm blade / pediatric

- 1463-119 right
- 1463-117 left



1463-120

### Hartmann Ear Specula

Set of three (3 mm, 4 mm, 5 mm)

465-225

Set of four (4 mm, 5 mm, 6 mm, 7 mm)

465-227

Also available individually

- 465-225-3 3mm
- 465-225-4 4mm
- 465-225-5 5mm
- 465-225-6 6mm
- 465-225-7 7mm



465-225

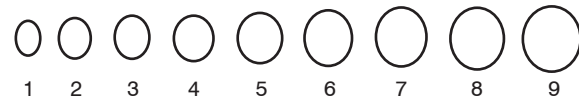
### Boucheron Ear Specula Chrome

Chrome / set of four

- 465-210 size 1-4
- 465-220 size 5-8

Also available individually

- 465-210-1 size 1
- 465-210-2 size 2
- 465-210-3 size 3
- 465-210-4 size 4
- 465-220-5 size 5
- 465-220-6 size 6
- 465-220-7 size 7
- 465-220-8 size 8



465-210

### Gruber Ear Specula

Oval / standard adult sizes / long pattern / chrome

- 465-241 size 1 4 mm x 5 mm
- 465-242 size 2 5 mm x 6 mm
- 465-243 size 3 6 mm x 7 mm
- 465-244 size 4 7 mm x 8 mm

Set of four

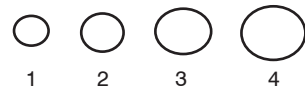
465-240 size 1-4

Oval / standard child sizes / long pattern / chrome

- 465-251 size 1 2 mm x 3 mm
- 465-252 size 2 3 mm x 4 mm
- 465-253 size 3 4 mm x 5 mm
- 465-254 size 4 5 mm x 6 mm

Set of four

465-250 size 1-4



465-240

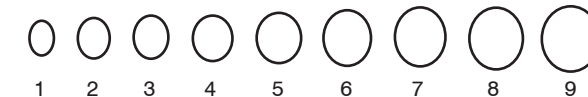
### Farrior Ear Specula

Oval / angled end / non-glare stainless

- 465-231 size 1 3 x 4 mm
- 465-232 size 2 4 x 5 mm
- 465-233 size 3 4.5 x 5.5 mm
- 465-234 size 4 5 x 6 mm
- 465-235 size 5 5.5 x 6.5 mm
- 465-236 size 6 6 x 7 mm
- 465-237 size 7 6.5 x 7.5 mm
- 465-238 size 8 7 x 8 mm
- 465-239 size 9 7.5 x 8.5 mm
- 465-2310 size 10 8.5 x 9.5 mm

Oval / angled end / black

- 465-231B size 1 3 x 4 mm
- 465-232B size 2 4 x 5 mm
- 465-233B size 3 4.5 x 5.5 mm
- 465-234B size 4 5 x 6 mm
- 465-235B size 5 5.5 x 6.5 mm
- 465-236B size 6 6 x 7 mm
- 465-237B size 7 6.5 x 7.5 mm
- 465-238B size 8 7 x 8 mm
- 465-239B size 9 7.5 x 8.5 mm

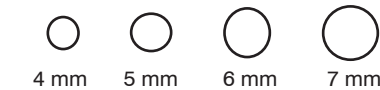


465-237

### Farrior Ear Specula

Round / black / partial opening

- 465-260 set of all 4 below
- 465-262 4 mm
- 465-264 5 mm
- 465-266 6 mm
- 465-268 7 mm

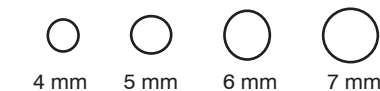


465-262

### Farrior Ear Specula

Round / black / full opening

- 465-270 set of all 4 below
- 465-272 4 mm
- 465-274 5 mm
- 465-276 6 mm
- 465-278 7 mm



465-272

**Sewall Tongue Depressor**

13 x 67 mm / 6 1/2" (16.5 cm)

485-422 13 x 67 mm



485-422

**Bruenings Tongue Depressor**

7 1/2" (19 cm)

485-476 13 x 67 mm



485-476

**Doyen Tongue Depressor**

5" (12.7 cm)

485-479



485-479

**Wieder Tongue Depressor**

With a widely-flared depressing / surface for increased traction and visibility / 5 1/2" (14 cm)

- 485-590 small 30 mm wide
- 485-592 large 35 mm wide
- 485-592S large 35 mm wide with suction



485-592S

**Dingman Mouth Gag Set**

Adjustable upper retractor blades and cheek retractors / complete with three grooved tongue blades

485-500-SET frame and 3 tongue blades

Blades also sold individually

485-501 small 24mm x 52mm  
 485-502 medium 28mm x 55mm  
 485-503 large 30mm x 68mm



485-500-SET



485-501



485-501



485-502



485-503

**Mclvor Mouth Gag Set**

7 1/4" (18.5 cm)

485-580 set with frame and 3 blades

485-582 frame only

485-584 small blade size 1 blade 1 x 2 1/2"

485-586 medium blade size 2 blade 1 x 3 1/2"

485-588 large blade size 3 blade 1 x 4"



485-584

485-582

**Jennings Mouth Gag**

- 485-510 infant 3 1/2" spread
- 485-512 small 4 1/4" spread
- 485-514 medium 5" spread
- 485-516 large 6" spread



485-510



485-512



485-514



485-516

**Davis Mouth Gag Frame**

- 485-528 left side bite
- 485-530 right side bite
- 485-584 blade
- 485-594 blade

\*frames sold separately from blades



485-528



485-530



485-584



485-594



 Sontec Instruments®

ENT Plastic HOOKS

**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

**Sontec Freer Double Skin Titanium**

Flat handle / 2 blunt prongs / 3 mm wide / 6" (15 cm)

199-401T



199-401T

**Sontec® Skin Hook**

Sharp / 2 mm prong / 4 3/4" (12 cm)

199-400



199-400

**Sontec® Skin Hook Titanium**

Ergonomic flat handle/ small / 5" (12.7 cm)

199-470T



199-470T

**O' Connor Skin Hook**

4 3/4" (11.5 cm)

199-406



199-406

**O' Connor Skin Hook Titanium**

1 sharp prong / 4 3/4" (11.5 cm)

199-406T



199-406T

**Guthrie Skin Hook**

Sharp / 5" (12.5 cm)

199-410 1.5 mm wide

199-411 2.5 mm wide large



199-410

**Guthrie Hook Titanium**

Flat handle / 2 sharp prongs / 5" (12.7 cm)

199-412T 3 mm

199-413T 3 mm

199-4131T 2 mm



199-412T



199-413T



199-4131T

**Seltzer Dermal Biopsy Hook**

Sharp / 4 1/2" (11.4 cm)

199-405



199-405

**Day Ear Hook**

6 3/4" (17 cm)

467-443 small

467-445 large



467-445

**Gross Ear Hook & Spoon**

5 1/4" (13 cm)

467-448



467-448

**Allport Muscle Hook**

6 3/4" (17 cm)

468-155



468-155

**Allport Mastoid Searcher**

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

468-156



468-156

**Pashley Hook**

Probe with round handle / 6 1/2" (16.5 cm)

1197-673 right angle hook  
1197-675 malleable hook



1197-673



1197-675

**Sontec Hook Probe Titanium**

90° angle / 1.8 mm x 9 mm / 8" (20.3 cm)

2700-506



2700-506

**Converse Skin Hook**

Single-ended / aluminum Handle / 6" (15 cm)

475-100 small  
475-101 medium  
475-102 large  
475-104 straight small  
475-103 straight large



475-100



475-101



475-102



475-103



475-104

**Kleinert-Kutz Skin Hook**

5" (12.5 cm)

475-136 small 3 mm diameter  
475-137 medium 5 mm diameter  
475-138 large 7 mm diameter



475-136



475-138

**Frazier Skin Hook**

5" (12.5 cm)

199-380 sharp  
199-382 blunt



199-380

**Adamson Double-ended Hook and Retractor**

7.5 mm x 5 mm retractor / 3 mm hook / 6 1/4" (15.9 cm)

205-700



205-700

**Joseph Skin Hook**

Two prong / sharp  
 199-485 6" (15 cm)  
 199-484 7" (18 cm)



**Joseph Skin Hook Titanium**

Round handle / 2 sharp prongs / 7 mm / 6 1/4" (15.9)  
 199-420T



**Meyerding Skin Hook**

6 1/4" (16 cm)  
 205-850



**Converse Nasal Tip Skin Hook**

Double-ended / 4" (10 cm)  
 475-540 sharp  
 475-542 blunt



**Converse Combo Sharp/Blunt Skin Hook**

Double-ended / sharp/blunt / 5 1/2" (14 cm)  
 475-539



**Sontec Alar Stabilizing Jig**

5" (12.5 cm)  
 475-543



**Freeman Skin Hook**

With finger loop / 4" (10 cm)  
 475-546 1 prong  
 475-547 2 prongs



**Humby Variable Skin Hook**

2 swivel hooks / 4 3/4" (12 cm)  
 475-550



**Modified Humby Skin Hook**

Sharp / 6" (15 cm) / 2 adjustable prongs / with handle  
 475-552



**Kilner Deluxe Skin Hook**

Small / 6" (15 cm)  
 199-375



**Mammoplasty & Mastectomy Hook**

7 1/2" (19 cm)  
 475-549



**Joseph Skin Hook**

Single prong ball tip / 6 1/4" (16 cm)

199-415



199-415

**Joseph Skin Hook**

Sharp / 1 prong / 6 1/4" (16 cm)

199-414



199-414

**Joseph Skin Hook**

Sharp / 2 prongs / 6 1/4" (16 cm)

- 199-416 2 mm
- 199-418 5 mm
- 199-420 7 mm
- 199-422 10 mm
- 199-430 12 mm
- 199-438 14 mm
- 199-446 16 mm
- 199-458 18 mm



199-422

**Joseph Blunt Ball Tips Skin Hook**

Ball tip / 2 prongs / 6 1/4" (16 cm)

- 199-426 10 mm
- 199-434 12 mm
- 199-442 14 mm
- 199-450 16 mm
- 199-462 18 mm



199-426



199-450

**Joseph Skin Hook Electro Blue**

Sharp / 2 prongs / blue electro coat / 6 1/4" (16 cm)

- 199-417 2 mm
- 199-4182 5 mm
- 199-419 7 mm
- 199-424 10 mm
- 199-432 12 mm
- 199-440 14 mm
- 199-448 16 mm
- 199-460 18 mm



199-419

**Joseph Blunt Ball Tips Skin Hook Electro Blue**

Ball tip / 2 prongs / blue electro coat / 6 1/4" (16 cm)

- 199-421 7 mm
- 199-428 10 mm
- 199-436 12 mm
- 199-444 14 mm
- 199-452 16 mm
- 199-464 18 mm



199-436

**Jackson Tracheal Hook**

5 1/2" (14 cm)

502-394



502-394

**Sontec Tracheal Hook Titanium**

Sharp / 90° angled / 4 mm 6 1/4" (15.9 cm)

502-393T

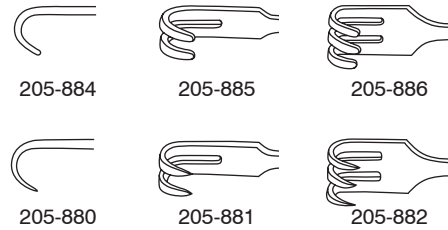


502-393T

**Rake Retractor**

6 1/2" (16.5 cm)

- 205-880 sharp 1 prong
- 205-884 blunt 1 prong
- 205-881 sharp 2 prongs
- 205-885 blunt 2 prongs
- 205-882 sharp 3 prongs
- 205-886 blunt 3 prongs



205-881

**Neivert Hook Retractor**

Double ended / 7 1/2" (19.1 cm)

199-397S



199-397S

**Cottle Neivert Hook Retractor**

Double ended / 8 1/2" (21.6 cm)

199-397



199-397S

**Neivert Retractor**

Rhinoplastic / double ended / 6 1/4" (16 cm)

199-398



199-398

**Mandible Bone Hook**

8" (20 cm)

320-937



320-937

**Sontec® Bone Hook**

9" (23 cm)

- 320-925 small
- 320-930 medium
- 320-935 large



320-930

**Kilner Skin Retractor Hook**

With finger ring / 2 prongs / 3 1/4" (8 cm)

220-160



220-160

**Finger Ring Retractor Hook**

Sharp / 2 prongs / 10 mm / 1 3/4" (4.4 cm)

220-143



220-143

**Millard Thumb Retractor Hook**

**Sharp**

- 220-145 1 prong
- 220-149 2 prongs 14 mm
- 220-150 2 prongs 18 mm



**Thumb Ring Skin Hook**

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

- 220-151 small
- 220-152 large



**Finger Ring Skin Hook**

**1 3/4" (4 cm)**

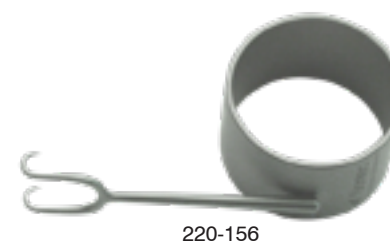
- 220-155 short hook
- 220-155L long hook



**Cottle Thumb Skin Hook**

**With finger ring / 2 prongs / 10 mm / 2" (5 cm)**

- 220-156



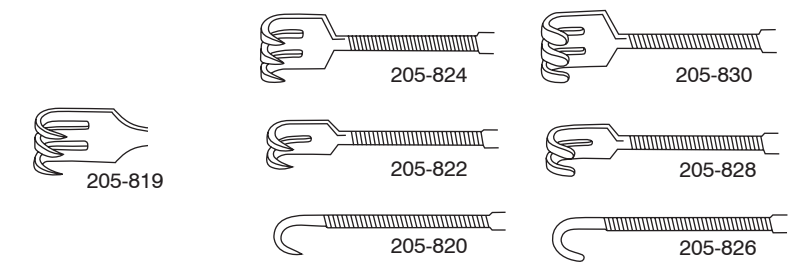
**Flexible Neck Hook Retractor**

**5" (13 cm)**

- 205-819 sharp 3 prongs

**6" (15 cm)**

- 205-820 sharp 1 prong
- 205-826 blunt 1 prong
- 205-822 sharp 2 prongs
- 205-828 blunt 2 prongs
- 205-824 sharp 3 prongs
- 205-830 blunt 3 prongs



**Blair Hook Retractor**

**Four prongs / 5" (12.5 cm)**

- 205-847 sharp
- 205-848 blunt



**Knapp Rollet Hook Retractor**

**4 prongs / 5" (12.5 cm)**

- 205-844 sharp
- 205-846 blunt



**Anderson Bear Claw Hook Retractor**

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

- 475-530 3 prongs
- 475-535 5 prongs



**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

**Paul Skin Rake Retractor**

Blunt / 5" (12.5 cm)

199-490



199-490

**Mini Rake Retractor**

6 1/4" (16 cm)

475-503



475-503

**Cottle Alar Retractor**

4 prong / 5 1/8" (13 cm)

205-865 8 mm

4 prong / delicate / long neck / 5 1/8" (13 cm)

205-864 7 mm



205-864



205-865

**Hook Retractor**

In-line prongs / four prongs / 7" (18 cm)

- 475-511 straight
- 475-510 narrow head
- 475-521 angled shaft

With shorter inner prongs / 7" (18 cm)

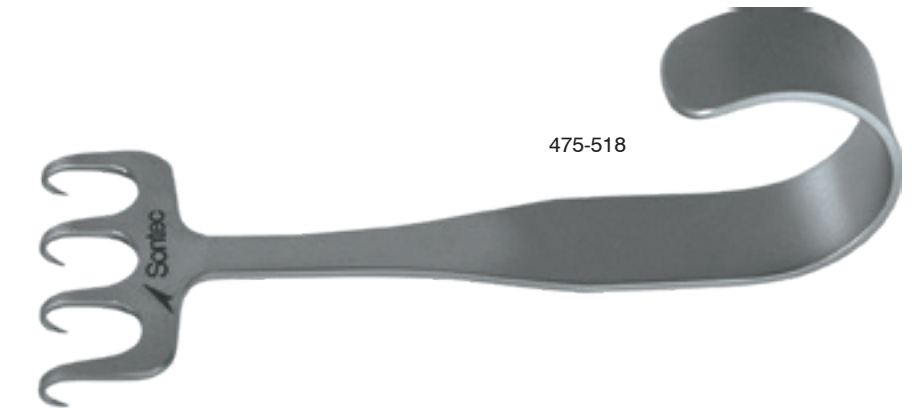
- 475-520 angled shaft 4 prong

Miniature model / with thumb ring / in-line prongs / four prongs

- 475-517 2 1/2" (6 cm)
- 475-518 4 1/2" (11.5 cm)



475-517



475-518



475-510



475-520

**Freeman Hook Retractor**

Seven Prongs / with shorter inner prongs / seven prongs / 7" (18 cm)

- 475-505
- 475-505A concave
- 475-505B convex



475-505A



475-505B

**Sontec-Yancoskie Coronal Lift Retractor**

6 off-set prongs / 8 1/2" (22 cm)

475-508



475-508

**Sontec Skin Retractor**

Round tapered edges / 6" (15.2 cm)

205-870



205-870



 Sontec Instruments®

ENT Plastic DISSECTORS

**Mammary & Calf Muscle Dissector**

14 3/4" (37.8 cm)  
475-940



475-940

**Golf Club Breast Dissector**

Angulated blade / rigid / 13" (33 cm)  
475-627



475-627

**MacCollum-Dingman Submammary Dissector**

12" (30 cm)  
475-635



475-635

**MacCollum-Dingman Breast Dissector**

16" (41 cm)  
475-630



475-630

**"J" Mammary Implant Dissector**

16" (40 cm)  
475-628



475-628

**Agris-Dingman Breast Dissector**

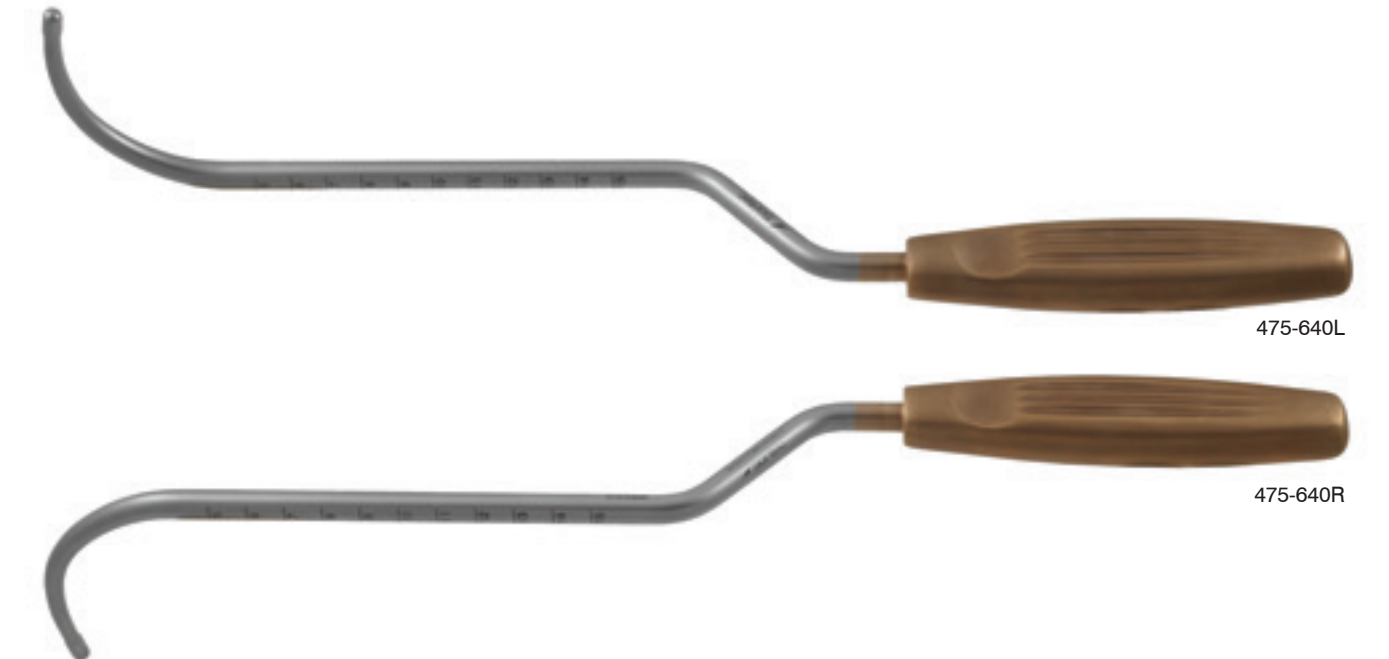
Graduated / 14 1/4" (36 cm)  
475-631L left  
475-632R right



475-631L

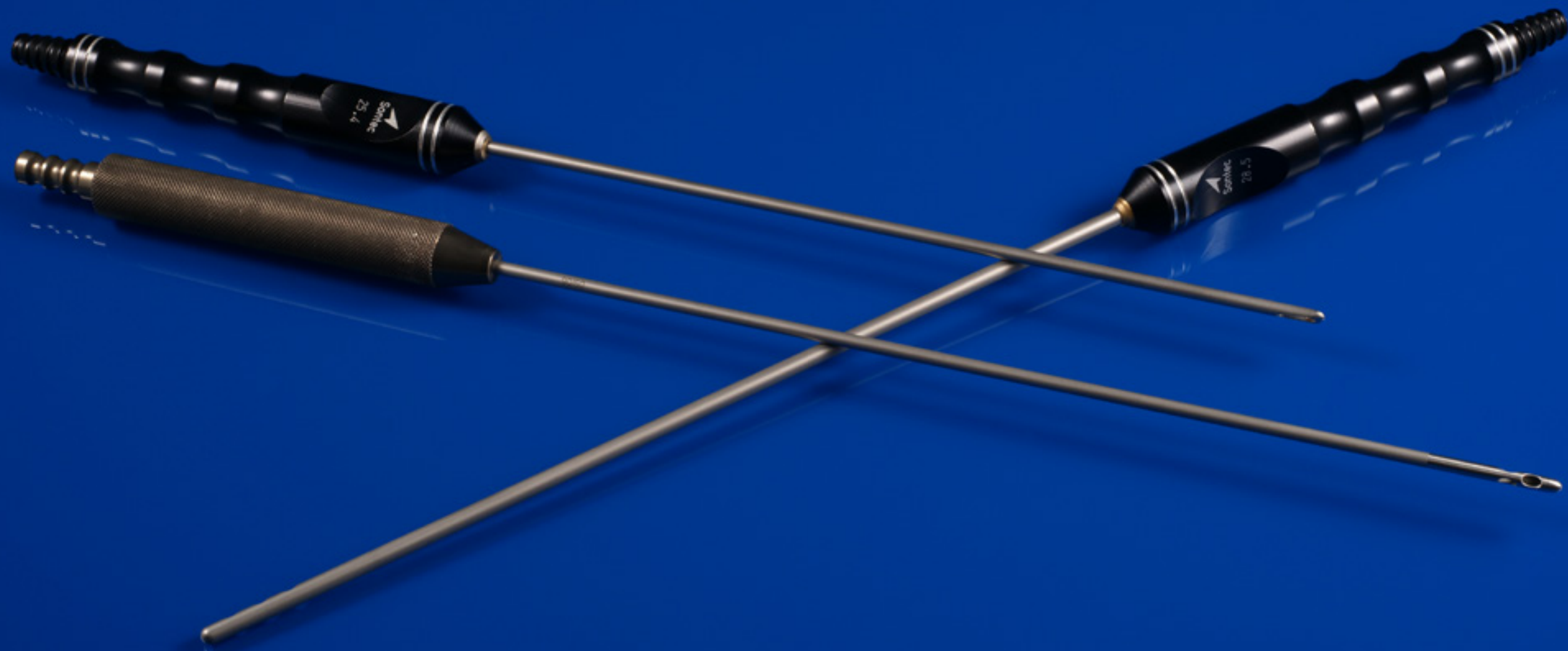
**Solz Breast Hook Dissector**

14 1/4" (36 cm)  
475-640L left  
475-640R right



475-640L

475-640R



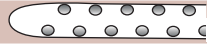
 Sontec Instruments®

Plastic Liposuction Cannulas

**Liposuction Cannula**

**Multi perforated tip / 15 3/4" (40 cm)**

Item#	
250x3 mm	201-330
250x4 mm	201-332
250x5 mm	201-334
280x4 mm	201-336
280x5 mm	201-338



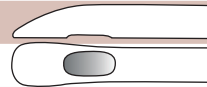
**Angled tip / 15 3/4" (40 cm)**

Item#	
150x3 mm	201-400
180x4 mm	201-402
250x4 mm	201-404
250x5 mm	201-406



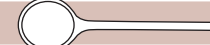
**Spatulated tip / 15 3/4" (40 cm)**

Item#	
180x3 mm	201-350
180x4 mm	201-352
180x5 mm	201-354
220x3 mm	201-356
220x4 mm	201-358
250x4 mm	201-360
250x5 mm	201-362
280x4 mm	201-364
280x5 mm	201-366



**Ring swiss point tip / 15 3/4" (40 cm)**

Item#	
220x3 mm	201-410
220x3.5 mm	201-412
250x3 mm	201-414
250x3.5 mm	201-416



**Spiral tip / 15 3/4" (40 cm)**

Item#	
220x4 mm	201-380
220x5 mm	201-382
250x3 mm	201-384
250x4 mm	201-386
280x3 mm	201-388
280x4 mm	201-390



**Liposuction Cannula**

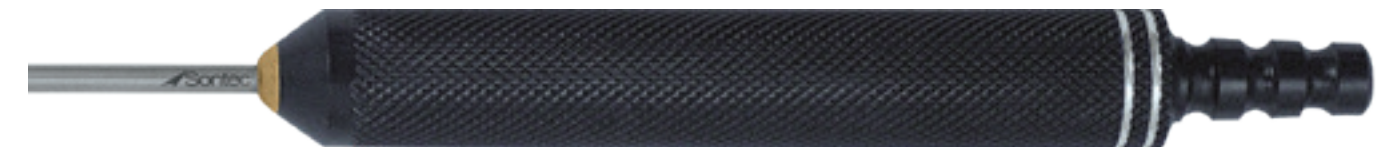
The following tips are available with these three handles. Please be specific when ordering.



"A" Handle



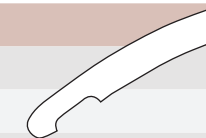
"B" Handle



"C" Handle

**One hole / straight / 15 3/4" (40 cm)**

Item#	straight tip	curved tip
150x2 mm	201-002	n/a
150x3 mm	201-004	201-032
180x2 mm	201-006	n/a
180x3 mm	201-008	201-034
180x4 mm	201-010	n/a
220x3 mm	201-012	n/a
220x4 mm	201-014	201-036
220x5 mm	201-016	n/a
250x3 mm	201-018	n/a
250x4 mm	201-020	201-038
250x5 mm	201-022	201-040
280x3 mm	201-024	n/a
280x4 mm	201-026	n/a
280x5 mm	201-028	n/a
280x6 mm	201-030	n/a



Liposuction Cannula

Tótem style / straight / 15 3/4" (40 cm)

Item#	1x2 holes	2x1 holes
220x3 mm	201-190	201-210
220x4 mm	201-192	201-212
250x3 mm	201-194	201-214
250x4 mm	201-196	201-216
250x5 mm	201-198	201-218
280x4 mm	201-200	201-220
280x5 mm	201-202	201-222

Tótem style / straight / 15 3/4" (40 cm)

Item#	Double- Model 1	Double- Model 2
250x4 mm	201-230	201-240
250x5 mm	201-232	201-242
280x4 mm	201-234	201-244
280x5 mm	201-236	201-246

Two hole/ straight / 15 3/4" (40 cm)

Item#	straight tip	curved tip
150x2 mm	201-050	n/a
150x3 mm	201-052	201-090
150x4 mm	201-054	201-092
180x2 mm	201-056	201-094
180x3 mm	201-060	201-096
180x4 mm	201-062	201-098
180x5 mm	201-064	n/a
220x3 mm	201-066	201-100
220x4 mm	201-068	201-102
220x5 mm	201-070	201-104
220x6 mm	201-072	n/a
250x3 mm	201-074	201-106
250x4 mm	201-076	201-108
250x5 mm	201-078	201-110
280x3 mm	201-080	n/a
280x4 mm	201-082	201-112
280x5 mm	201-084	201-114
280x6 mm	201-086	201-116



Liposuction Cannula

Three hole / Mercedes style / 15 3/4" (40 cm)

Item#	
150x2.5 mm	201-260
150x3 mm	201-262
150x4 mm	201-264
180x2.5 mm	201-266
180x3 mm	201-268
180x4 mm	201-270
180x5 mm	201-272
220x3 mm	201-274
220x4 mm	201-276
220x5 mm	201-278
250x3 mm	201-280
250x4 mm	201-282
250x5 mm	201-284
280x3 mm	201-286
280x4 mm	201-288
280x5 mm	201-290

Cobra style / 15 3/4" (40 cm)

Item#	
150x3 mm	201-162
180x2.5 mm	201-164
180x3 mm	201-166
180x4 mm	201-168
220x3 mm	201-170
220x4 mm	201-172
220x5 mm	201-174
250x2 mm	201-160
250x3 mm	201-176
250x4 mm	201-178
250x5 mm	201-180
280x3 mm	201-182
280x4 mm	201-184
280x5 mm	201-186



Three hole / straight tip / 15 3/4" (40 cm)

Item#	
150x2 mm	201-120
150x3 mm	201-122
150x4 mm	201-124
180x2 mm	201-126
180x3 mm	201-128
180x4 mm	201-130
180x5 mm	201-132
220x2 mm	201-134
220x3 mm	201-136
220x4 mm	201-138
220x5 mm	201-140
250x3 mm	201-142
250x4 mm	201-144
250x5 mm	201-146
280x3 mm	201-148
280x4 mm	201-150
280x5 mm	201-152
280x6 mm	201-154

Grated style tip / 15 3/4" (40 cm)

Item#	
180x3 mm	201-300
180x4 mm	201-302
220x3 mm	201-304
220x4 mm	201-306
250x3 mm	201-308
250x4 mm	201-310
250x5 mm	201-312
280x3 mm	201-314
280x4 mm	201-316



 Sontec Instruments®

ENT Plastic RETRACTORS

**Biggs Mammoplasty Retractor**

Narrow model

475-885L illuminated w/suction



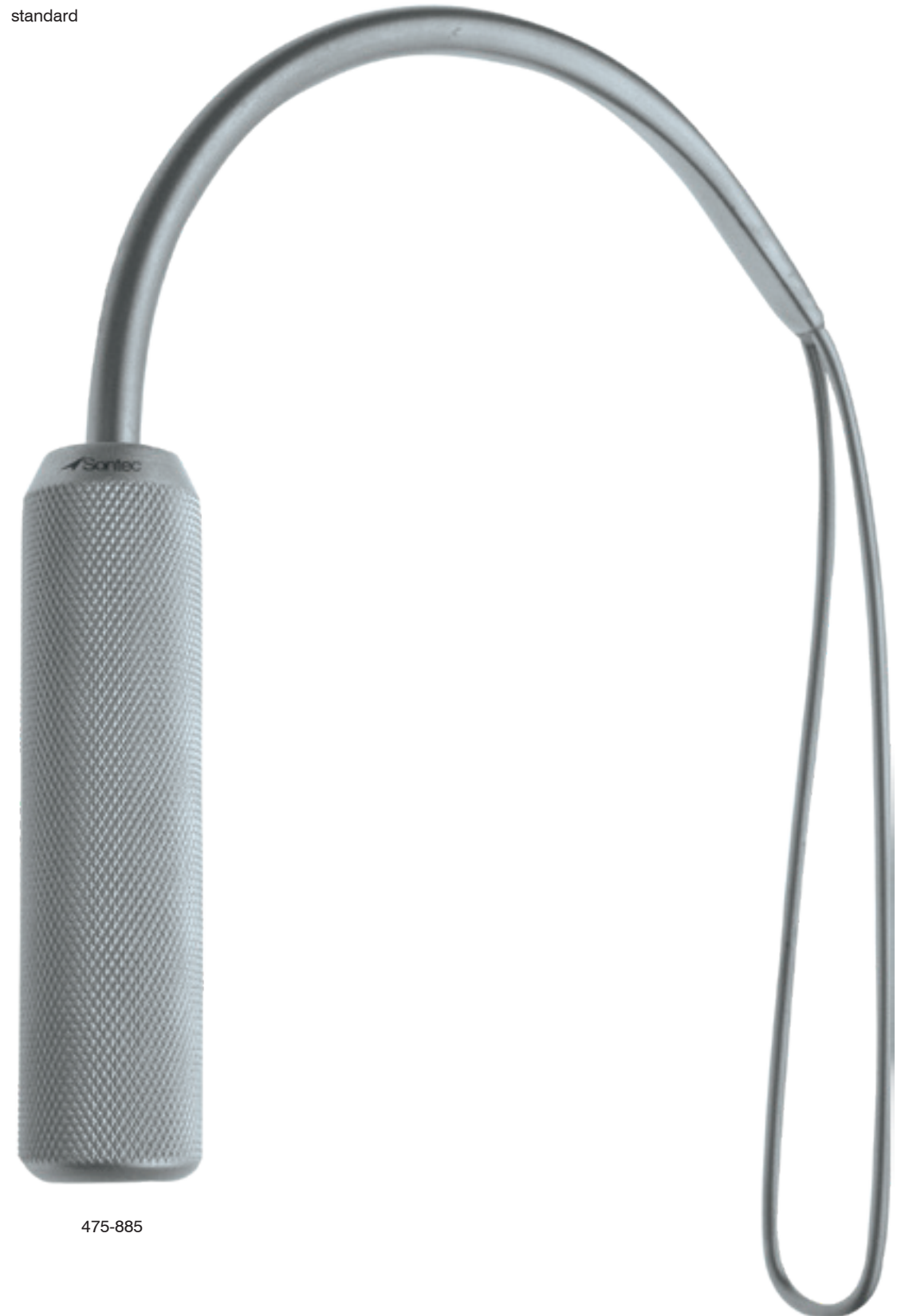
**Fiber-Optic System**

For optimal visibility during surgery. Add illumination to your instruments. Including Retractors, Elevators, and Speculums. Sontec® can adapt a fiber-optic system to almost any instrument for better illumination of surgical sites. Please call Sontec® for more details.

**Biggs Mammoplasty Retractor**

Narrow model

475-885 standard



**Biggs Face Lift Retractor**

8" (20 cm) overall length

- 475-884 standard
- 475-884L illuminated



475-884

**Biggs Mammoplasty Retractor**

Standard model

- 475-886 standard
- 475-886L illuminated



475-886

**Ferreira Face Lift Retractor**

Blade 4 1/8" x 1" / 5" (12.5 cm) overall length

- 475-880
- 475-880L illuminated



475-880

**Aufricht Daniel Nasal Retractor**

4 1/4" (11 cm)

- 207-2929 50 x 10 mm



207-2929

**Maliniac Nasal Retractor**

2" blade

- 475-878 3 1/2" overall length
- 475-878L 4" overall length with fiber optic light guide



475-878



475-878L

**Ferreira Breast Augmentation Retractor**

With round smooth tip

With Light Guide	With Light Guide & Suction	Blades
475-926L	475-926LS	14 mm x 7 cm
475-927L	475-927LS	14 mm x 9 cm
475-928L	475-928LS	16 mm x 8 cm
475-929L	475-929LS	16 mm x 15 cm
475-931L	475-931LS	23 mm x 10 cm
475-932L	475-932LS	23 mm x 15 cm
475-933L	475-933LS	23 mm x 18 cm
475-934L	475-934LS	25 mm x 10 cm
475-935L	475-935LS	25 mm x 12 cm
475-936L	475-936LS	25 mm x 15 cm
475-937L	475-937LS	25 mm x 19 cm
475-938L	475-938LS </td <td>30 mm x 12 cm</td>	30 mm x 12 cm
475-939L	475-939LS	30 mm x 15 cm



475-931LS

**Breast Retractor**

Double-ended 12 1/2" (31 cm)

475-925 22 mm x 55 mm / 38 mm x 70 mm blades



475-925

**Ferreira Breast Augmentation Retractor**

25 mm x 190 mm blade / 6 1/2" (16.5 cm) overall length

475-930

475-930L illuminated



475-930

**Sontec Suction Wound Retractor**

With suction / illuminated / serrated straight edge /  
angled blade and lip

46933-00 90 mm x 24 mm

46933-02 90 mm x 30 mm

46933-04 115 mm x 24 mm

46933-06 150 mm x 36 mm

46933-08 190 mm x 30 mm



46933-00

**Sontec Suction Wound Retractor**

With suction / illuminated / smooth round edge

46934-00	80 mm x 16 mm
46934-01	100 mm x 24 mm
46934-02	120 mm x 25 mm
46934-03	120 mm x 30 mm
46934-04	150 mm x 25 mm
46934-05	150 mm x 30 mm
46934-06	170 mm x 40 mm



46934-06

**Pitanguy Abdominal Retractor**

Straight

475-922	small 90 mm
475-921	medium 170 mm
475-920	large 190 mm



475-922

**Pitanguy Abdominal Retractor**

**Curved**

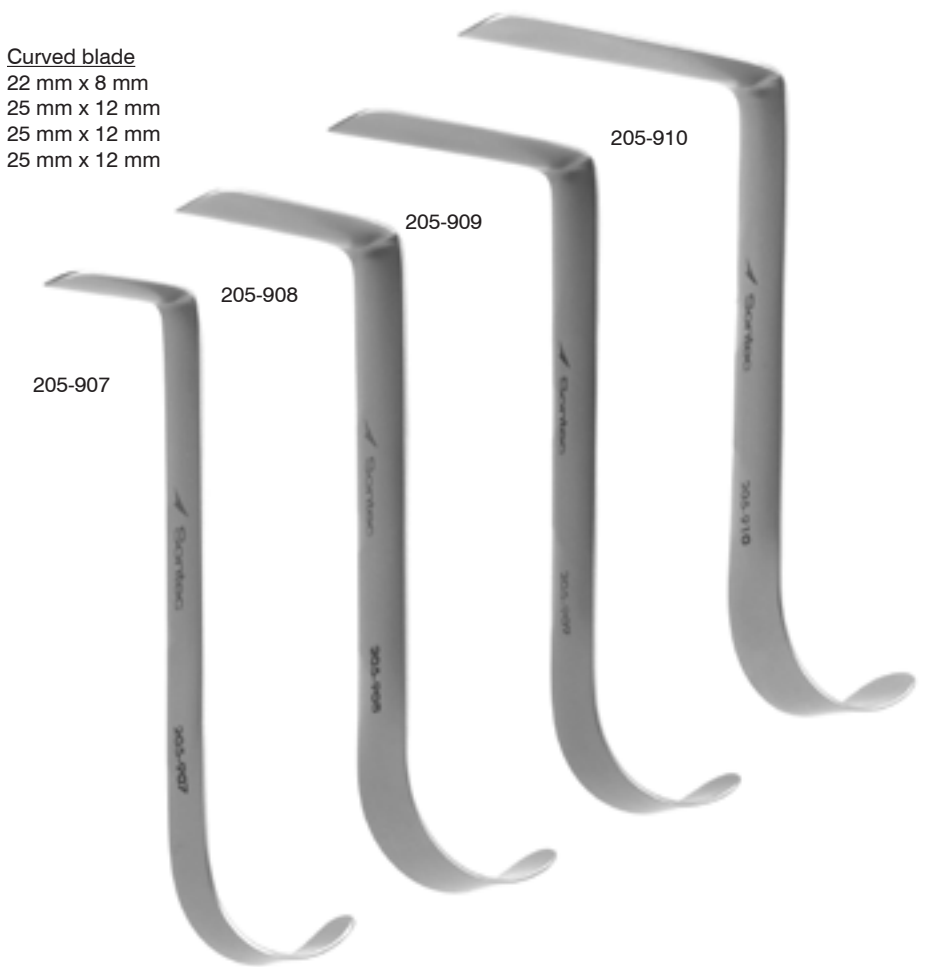
- 475-923 right
- 475-924 left (reverse)



**Converse Hand Retractor**

**3 3/4" (9.5 cm) overall length**

	Length	Straight blade	Curved blade
205-907 #1	3 1/2"	20 mm x 8 mm	22 mm x 8 mm
205-908 #2	3 1/2"	30 mm x 12 mm	25 mm x 12 mm
205-909 #3	3 7/8"	38 mm x 12 mm	25 mm x 12 mm
205-910 #4	3 7/8"	47 mm x 12 mm	25 mm x 12 mm
205-912	set of four (one of each style)		



**Converse Hand Retractor**

**With fiber optic light guide / 5 1/4" (13cm) overall length**

205-907L	8x20mm
205-908L	12x30mm
205-909L	12x40mm
205-910L	12x50mm



**Kasdan Hand Retractor**

**Double-ended / 1/2" x 1/4" (13 mm x 6.5 mm) and 3/4" x 3/8" (19 mm x 9.5 mm) 6 1/4" (15.9 cm)**

10-4280



**Endoscopic Guidance Face Lift Retractor**

7 1/2" (19 cm)  
207-945



**Walter Forehead Retractor**

With fiber optic illumination and unit  
adaptor / 7" (18 cm)  
207-930



**Langenbeck Retractor**

With fiber optic light guide /  
medium blade / 10 1/4" (26cm)

207-289L



207-289L

**Freeman Flap Retractor**

1/2" wide

475-523

475-523C blue electro coat

1" wide

475-522

475-522C blue electro coat



475-523



475-522C

**Deaver Retractor**

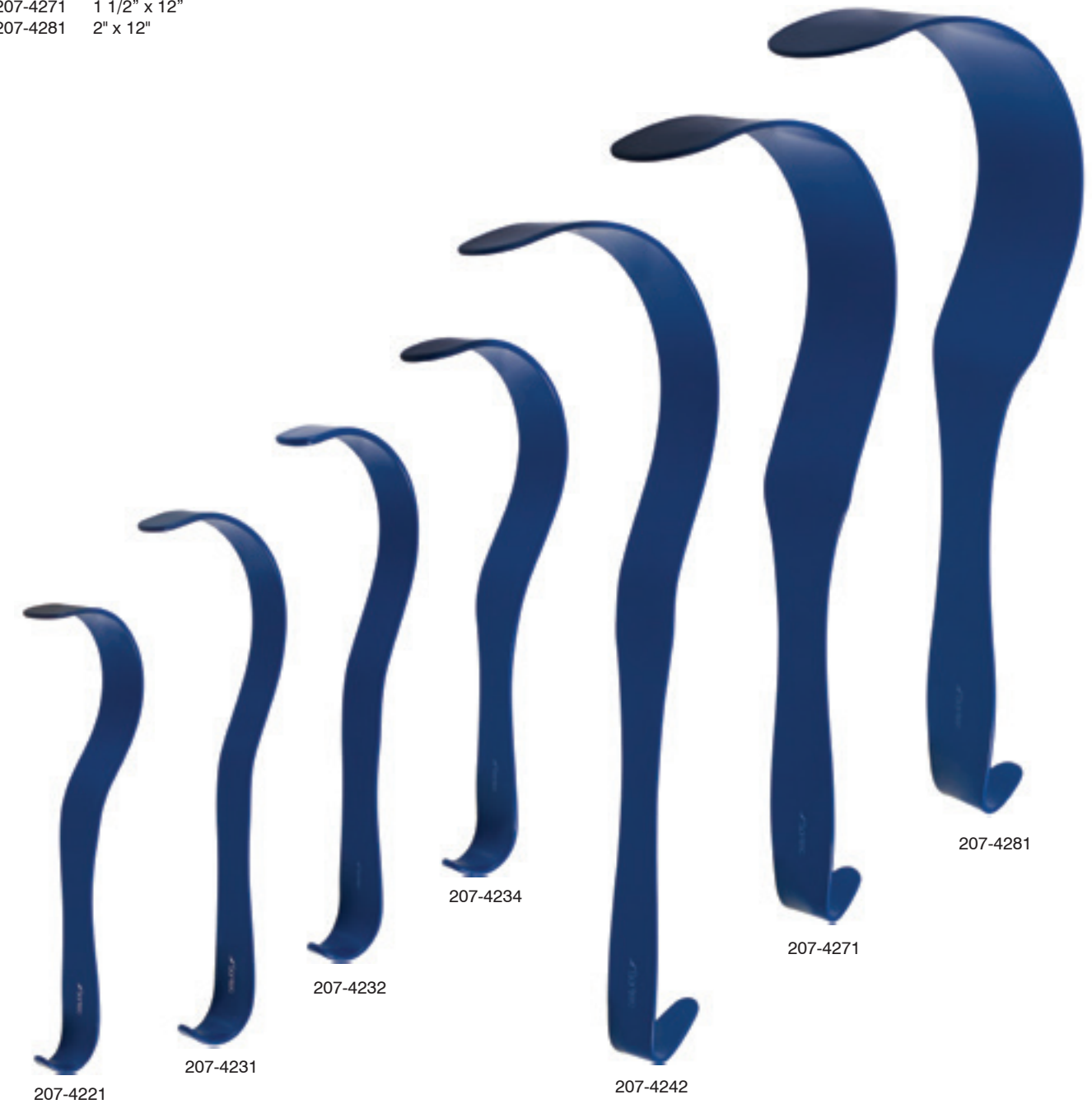
- 207-420 1/4" x 7"
- 207-421 3/8" pediatric size
- 207-422 3/4" x 7"
- 207-422L 3/4" x 7" illuminated
- 207-423 7/8" x 8 1/2"
- 207-423A 5/8" x 8 1/2"
- 207-423L 7/8" x 8 1/2" illuminated
- 207-424 1" x 12"
- 207-424L 1" x 12" illuminated
- 207-425 1" x 13"
- 207-426 1" x 14"
- 207-427 1 1/2" x 12"
- 207-428 2" x 12"
- 207-429 3" x 12"
- 207-431 1" x 9"



**Deaver Retractor**

**Electro blue coated**

- 207-4221 3/4" x 7"
- 207-4231 5/8" x 8"
- 207-4232 3/4" x 8"
- 207-4234 1" x 8"
- 207-4242 1" x 12 1/2"
- 207-4271 1 1/2" x 12"
- 207-4281 2" x 12"



**Sontec S-Curve Retractor**

Sontec special model / hard/ flexible

207-417 3/4" tapered to 1/2" 8" (20cm)



**S-Curve Retractor**

Malleable

207-418 1/2" 8" (20 cm)  
 207-419-10 10 mm 7" (18 cm)  
 207-419-12 12.7 mm 7" (18 cm)



**Gruber Skin Hook**

With weight / 10 mm tip / 5" (12.7 cm)

199-383



**Tsur Open Rhinoplasty Retractor**

207-295

This retractor solves the problems of open rhinoplasty exposure by exposing the tip and dorsum of the nose simultaneously, enabling the surgeon to perform the operation with no assistance. The adjustable, flexible tension on the retracted skin and soft tissue prevents congestion and formation of edema to the retracted skin. The nasal prong adjusts and adapts to the shape of the nose, changing its position by using the sliding bar fixation screw. The tension on the retractor is easily adjusted by rubber bands, which enables flexible, adjustable elastic tension (not stiff like other retractors). - Padgett



**Gruber Skin Hook**

10 mm tip / with weight / 5" (12.7 cm)

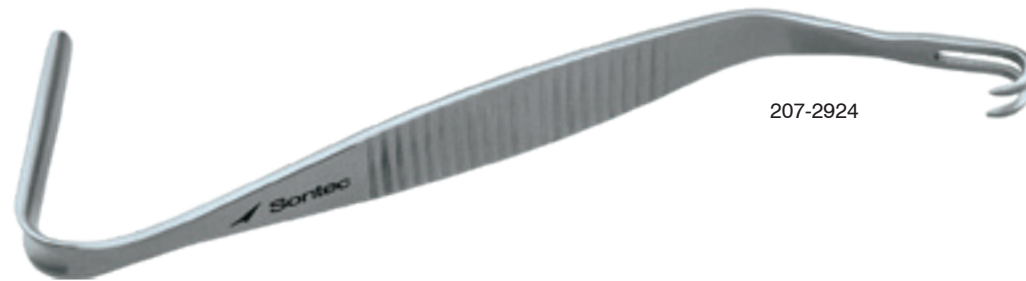
199-383



**Walter Aufricht Nasal Retractor**

Double Ended / 5 1/4" (13.5 cm)

207-2924 4 mm  
207-2928 8 mm



207-2924

**Walter Aufricht Nasal Retractor Titanium**

Double Ended / blunt / 8 mm / 5 1/4" (13.5 cm)

207-2928T



207-2928T

**Jackson Tracheal Retractor Titanium**

Double Ended / 2 sharp prongs / 6 3/4" (17.1 cm)

502-398T



502-398T

**Trousseau Tracheal Dilator Retractor**

5 1/4" (13.3 cm) shaft

502-380 medium adolescent  
502-382 pediatric small  
502-384 adult large



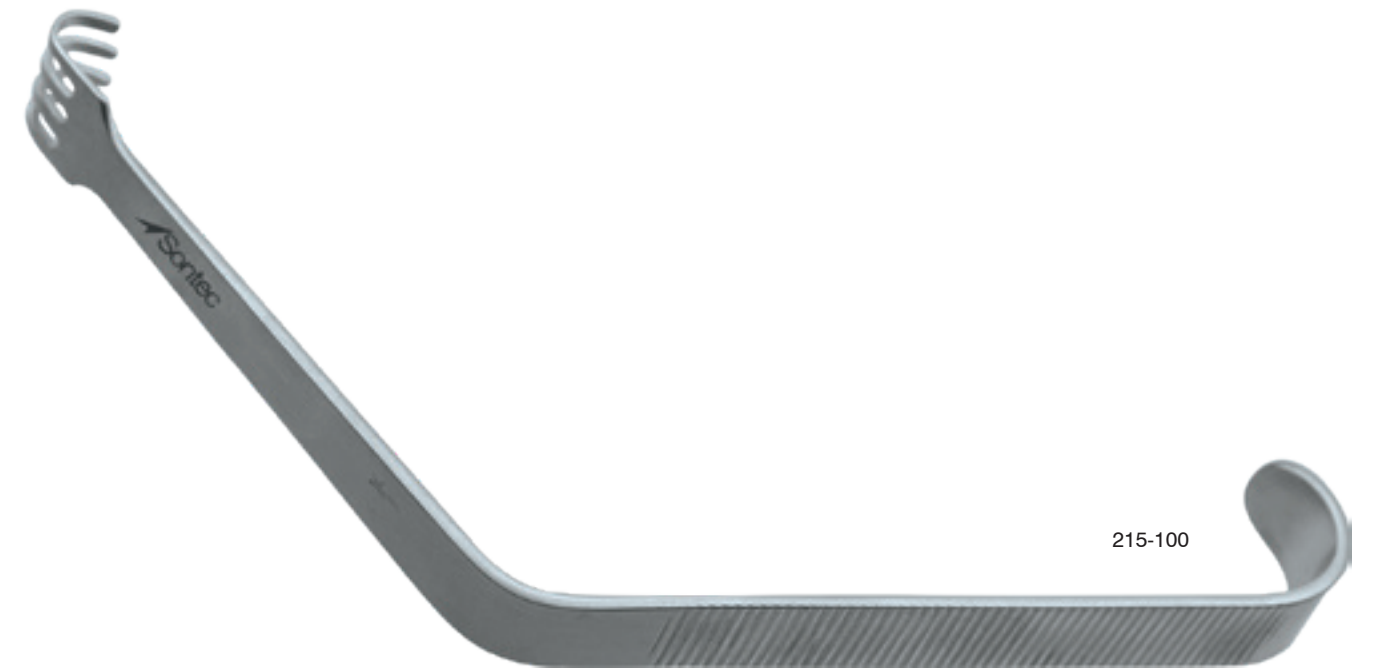
502-382

502-380

**Craig-Sheehan Retractor**

4 prong / 7 1/2" (19 cm)

215-100



215-100

**LaRoe Tissue Spreader Retractor**

**Straight**

475-622 small 9" (23 cm)

**Curved**

475-623 small 9" (23 cm)  
475-625 large 10 1/4" (25.5 cm)

**Tapered**

475-624 medium 10 1/4" (25.5 cm)



**U.S. Army-Navy Retractor**

Set of 2 / 8 1/2" (21.5 cm)

1100-670



**U.S. Army-Navy Retractor**

Set of 2 / blue electro coated / 8 1/2" (21.5 cm)

1100-670B



**Aufricht Nasal Retractor**

6 1/2" (16.5 cm) overall length

207-292	solid blade		10 x 45 mm
207-292L	solid blade	illuminated	10 x 45 mm
207-2925	solid blade		10 x 35 mm
207-290	open blade		
207-290L	fenestrated open blade	illuminated	
207-293	solid blade	non-reflective finish	
207-293L	solid blade illuminated	non-reflective finish	10 x 45 mm



**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

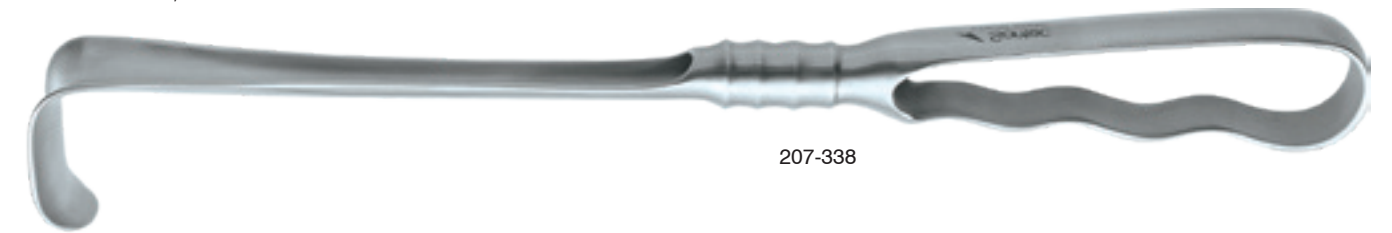


205-849B

**Richardson Retractor**

9 1/2" overall length / loop grip handle

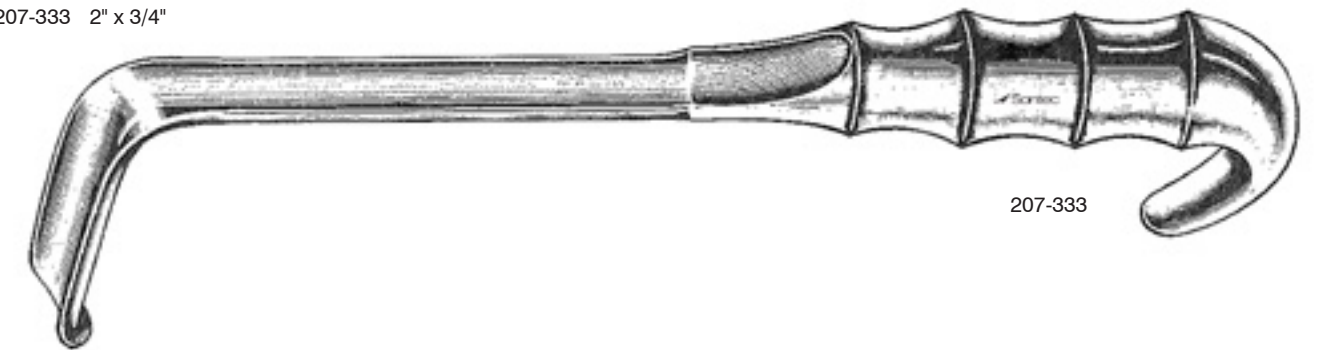
- 207-338 1" x 3/4"
- 207-340 1" x 1 1/4"
- 207-342 1 1/2" x 1 1/2"
- 207-345 2" x 3/4"



207-338

9 1/4" overall length / hollow grip handle

- 207-333 2" x 3/4"



207-333

11" overall length / lamb grip handle

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



207-326

**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

**Lead Hand Stabilizing Restrainer**

- 48-0339 pediatric 9 3/4" (25cm)
- 48-0340 adult 14 1/2" (37cm)



48-0339

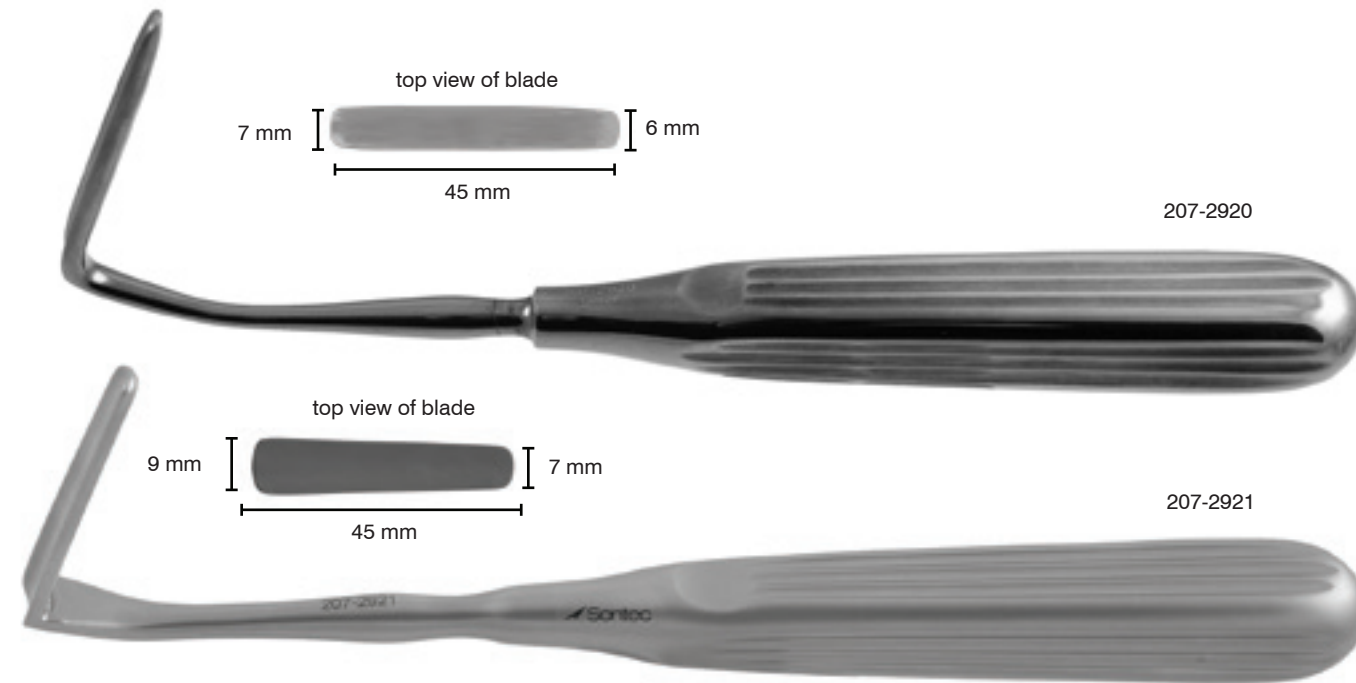
**G Aufricht Nasal Retractor**

Solid tapered blade / 45 mm x 7 mm tapers to 6 mm at tip / 7" (17.8 cm)

207-2920

Solid tapered blade / 45 mm x 9 mm tapers to 7 mm at tip / 7 1/4" (18 cm)

207-2921

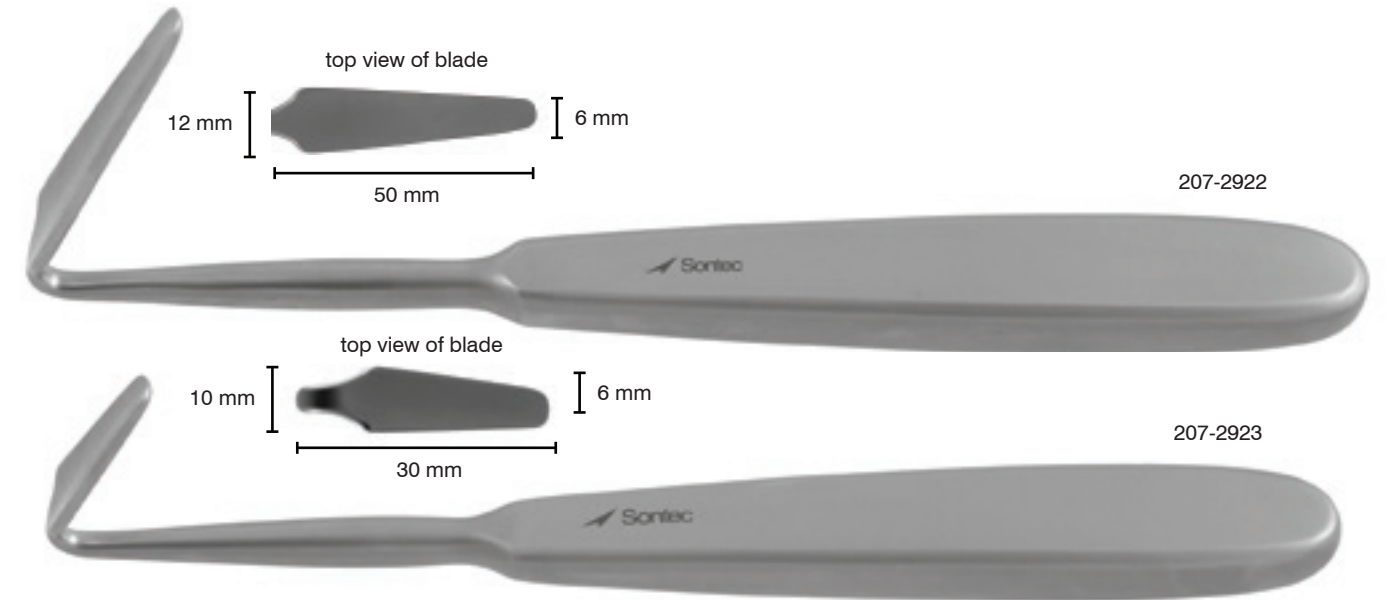


**Aufricht Nasal Retractor**

Solid tapered blade / 6 3/4" (17 cm)

207-2922 50 mm x 12 mm tapers to 6 mm at tip

207-2923 30 mm x 10 mm tapers to 6 mm at tip



**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

**Chamberlain-Fries Retractor**

Aluminum handle / 7 1/2" (19 cm)  
475-882



475-882

**Lukens Thymus Retractor**

7" (18 cm)  
502-409



502-409

**Lukens Thymus Retractor**

Blue electro coated / 7" (18 cm)  
502-410

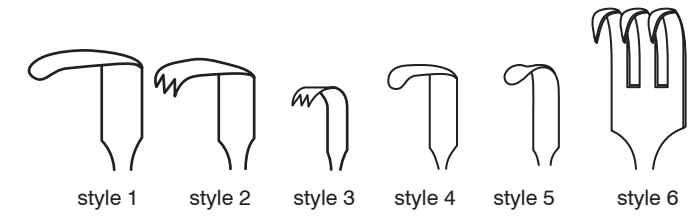


502-410

**Meyering 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

**Cottle Alar Retractor**

6 1/4" (16 cm)  
205-867



205-867

**Luer S-Shaped Retractor**

Double-ended / 10 x 5 mm & 14 x 9 mm  
/ 5 1/2" (14 cm)  
502-405



502-405

**Jackson Tracheal Retractor**

2 prong / blunt / 7" (18 cm)  
502-399



502-399

**Jackson Tracheal Retractor**

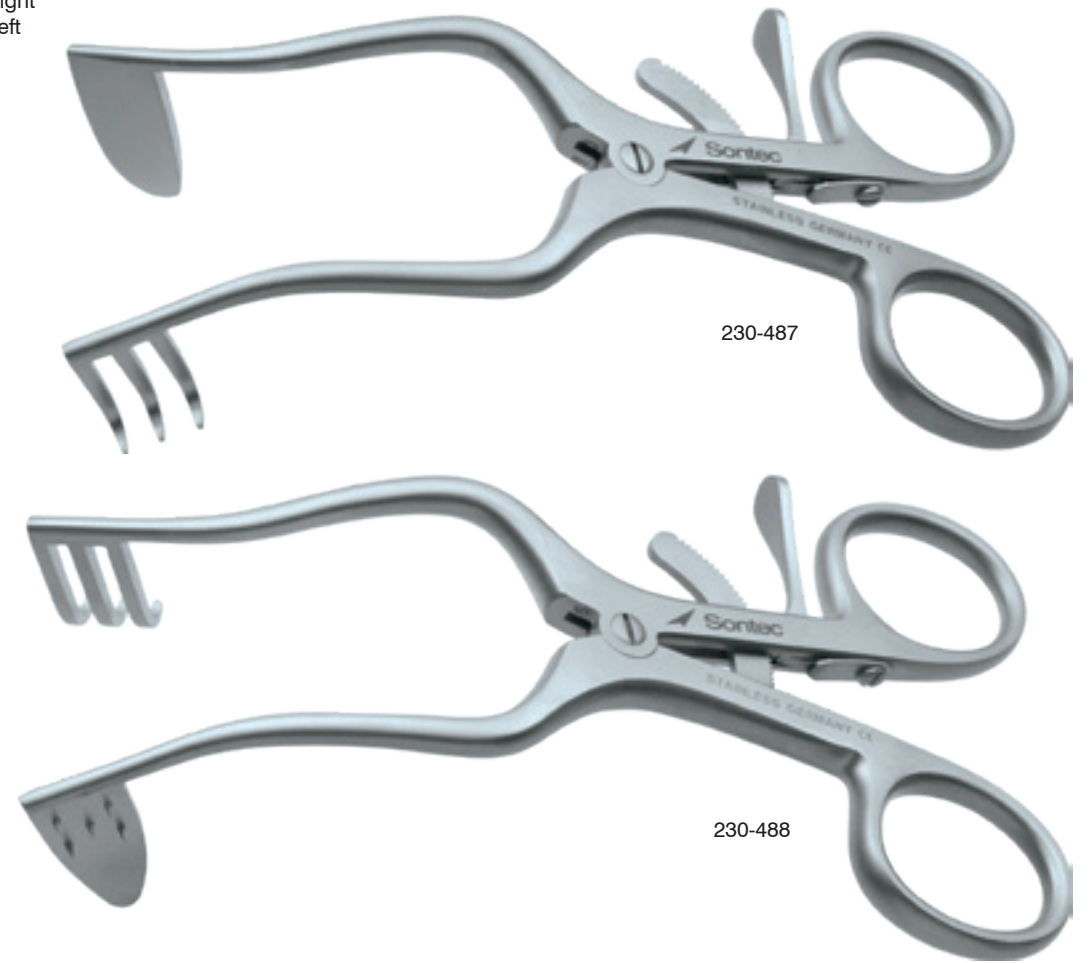
Blue electro coated / 2 prong / blunt / 7" (18 cm)  
502-400



502-400

**Perkins Retractor**

230-487 5 1/4" (13.5 cm) right  
230-488 5 1/2" (14 cm) left

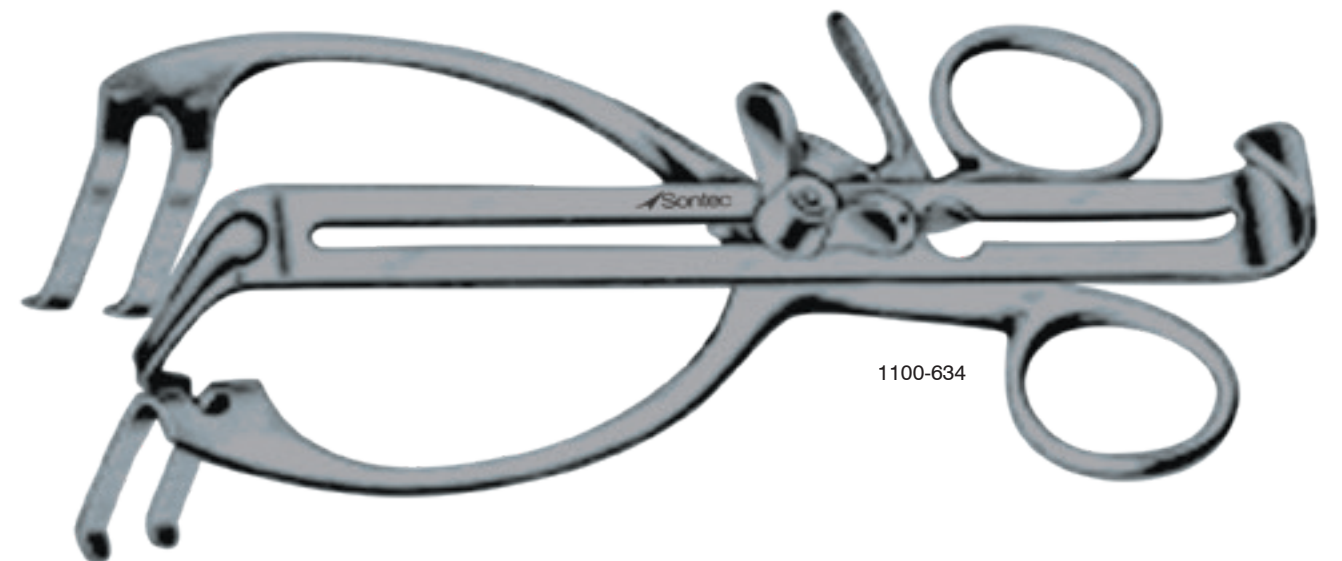


230-487

230-488

**Mayo-Sontec Retractor**

6 3/4" (16 cm)  
1100-634 2 1/4" blade



1100-634

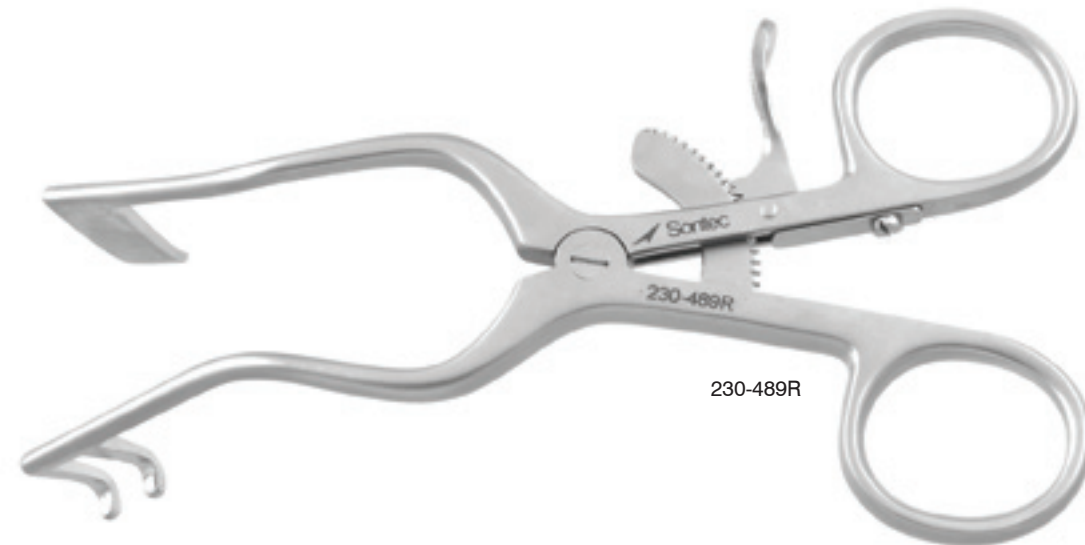
**Plester Retractor Set**

**Blunt / 5 1/4" (13.3 cm)**

- 230-489R right
- 230-489L left



230-489L



230-489R

**Jefferson Retractor**

**3x4 blunt 16 mm blades with curved arms / 5" (13 cm)**

230-495



230-495

**Plester Jansen Retractor**

**2x2 blunt 15 mm blades with curved arms / 4 3/8" (11 cm)**

230-4961

**3x3 blunt 20 mm blades with curved arms / 5 1/4" (13 cm)**

230-496



230-4961



230-496



 Sontec Instruments®

Plastic Endoscopic Face Lifting

**Ramirez Type Endoscopic Plastic Forehead Scissors**

Malleable / curved / vertical tip / 15 cm working length

2800-0001 periosteal  
2800-0002 corrugator

Malleable / curved / horizontal tip / 15 cm working length

2800-0006 periosteal  
2800-0007 corrugator



**Ramirez Type Endoscopic Plastic Forehead Procerus Punch**

Malleable / straight / vertical tip / 15 cm working length

2800-0003

Malleable / straight / horizontal tip / 15 cm working length

2800-0008



**Ramirez Type Endoscopic Plastic Forehead Corrugator Grasper**

Malleable / straight / vertical tip / 15 cm working length

2800-0004

Malleable / curved / horizontal tip / 15 cm working length

2800-0009



**Ramirez Type Endoscopic Plastic Facelift Needle Holder**

Malleable / straight / vertical tip / 15 cm working length

2800-0005

Malleable / straight / horizontal tip / 15 cm working length

2800-0010

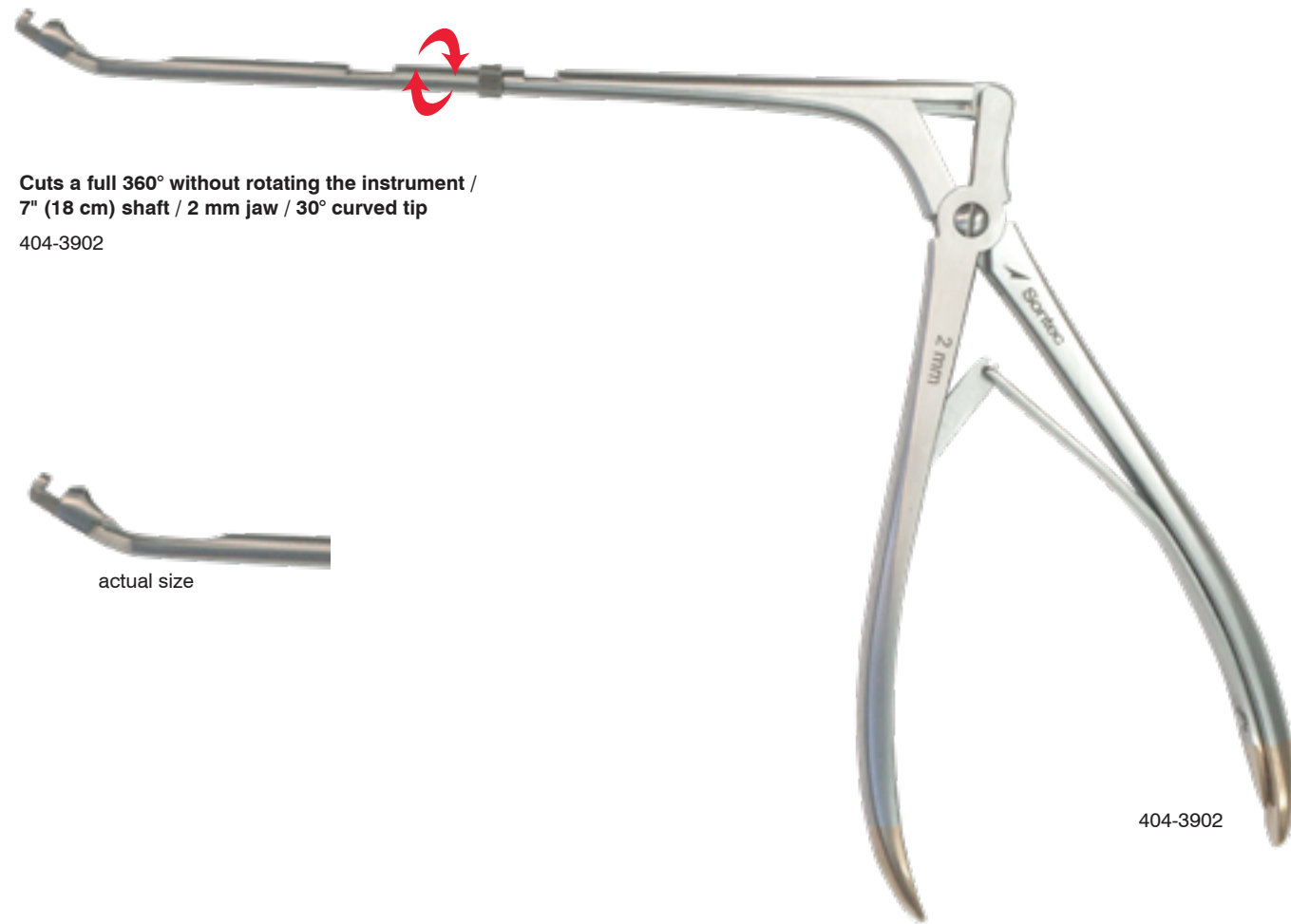




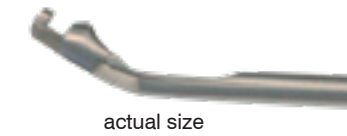
 Sontec Instruments®

ENT RONGEURS

**Sontec Dynamic Punch Rongeur**

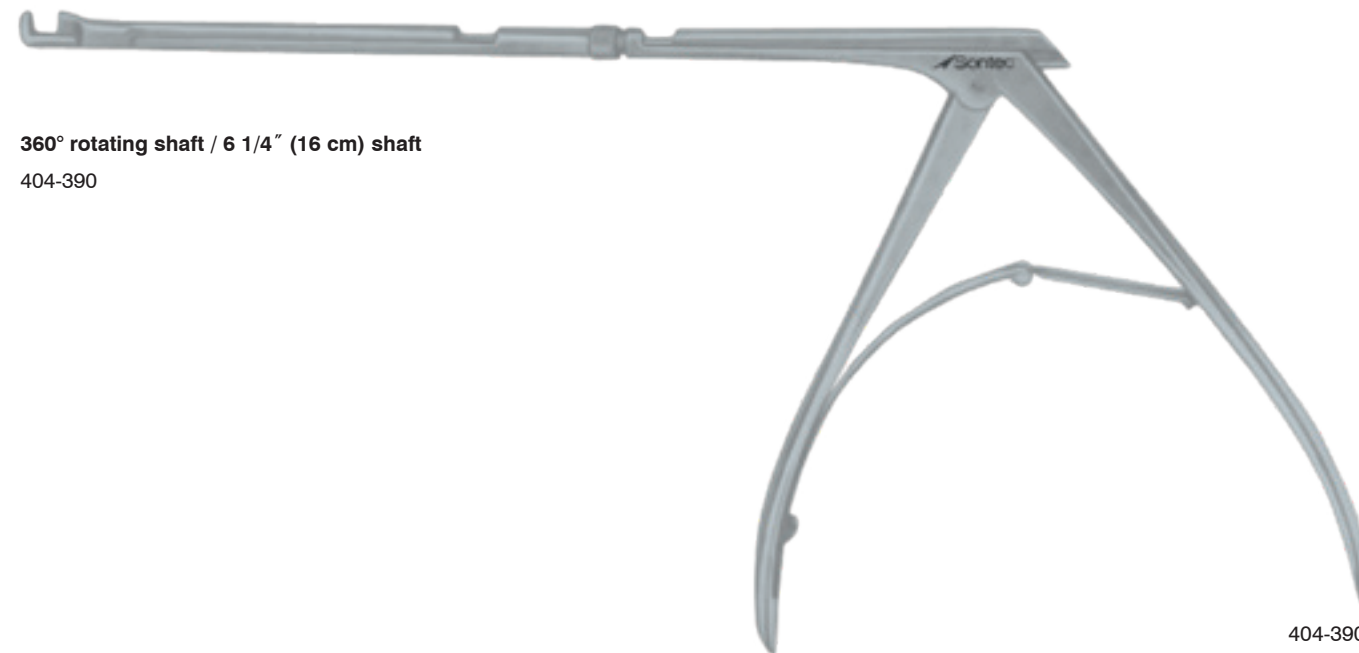


Cuts a full 360° without rotating the instrument /  
7" (18 cm) shaft / 2 mm jaw / 30° curved tip  
404-3902



404-3902

**Hajek-Kofler Bone Punch Rongeur**

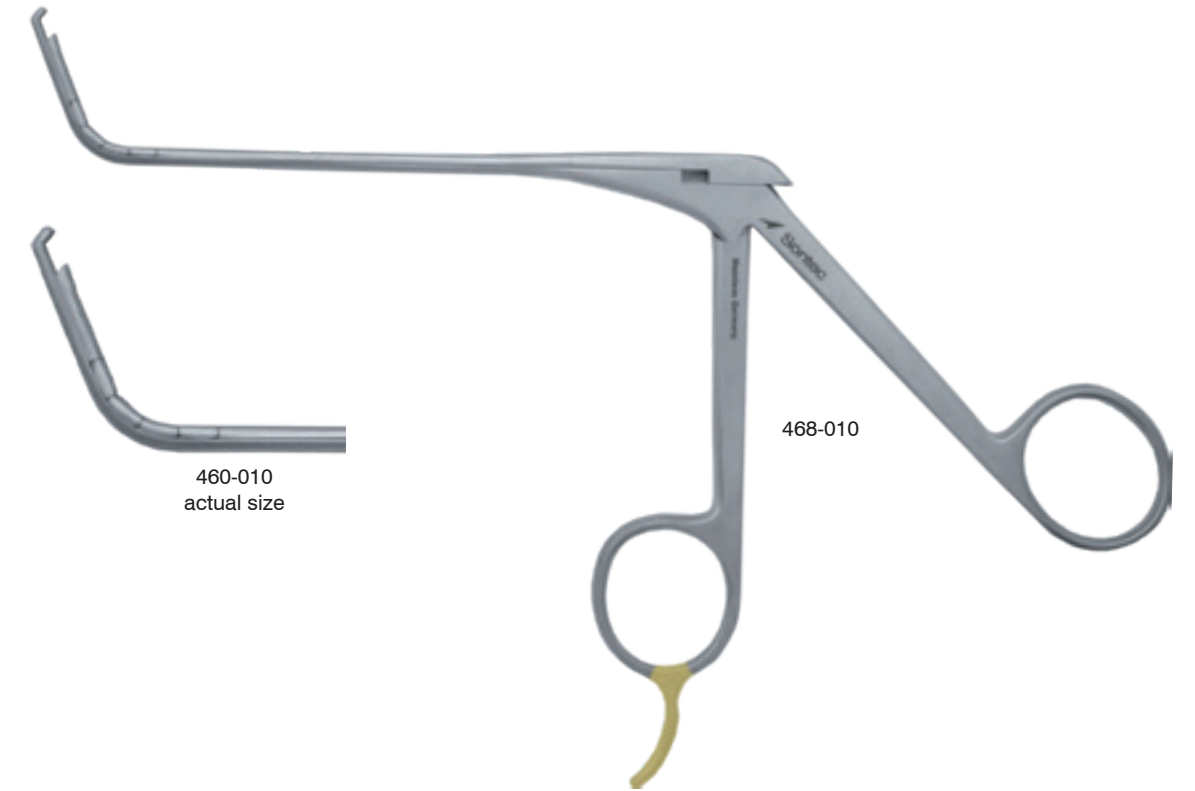


360° rotating shaft / 6 1/4" (16 cm) shaft  
404-390

404-390

**Frontal Ostium Nasal Rongeur**

70° curved up / 5 1/2" (14 cm) shaft  
468-010 2 mm x 2.5 mm jaw pediatric  
468-011 3 mm x 3.5 mm jaw  
468-012 5 mm x 5 mm jaw



460-010  
actual size

468-010

**Lower Lateral Cartilage Morselizer**

7 1/2" (19.1 cm)  
468-515



468-515

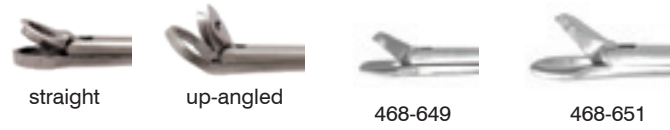
**Weil Cut-Through Rongeur**

Fenestrated jaw / scissor action / straight / 4 1/2" (11.5 cm) shaft

- 468-649 2 mm x 5 mm jaw
- 468-650 2.5 mm x 5 mm jaw
- 468-651 3 mm x 5 mm jaw
- 468-660 3.6 mm x 8 mm jaw
- 468-670 4.8 mm x 14 mm jaw

Fenestrated jaw / scissor action / up-angled / 4 1/2" (11.5 cm) shaft

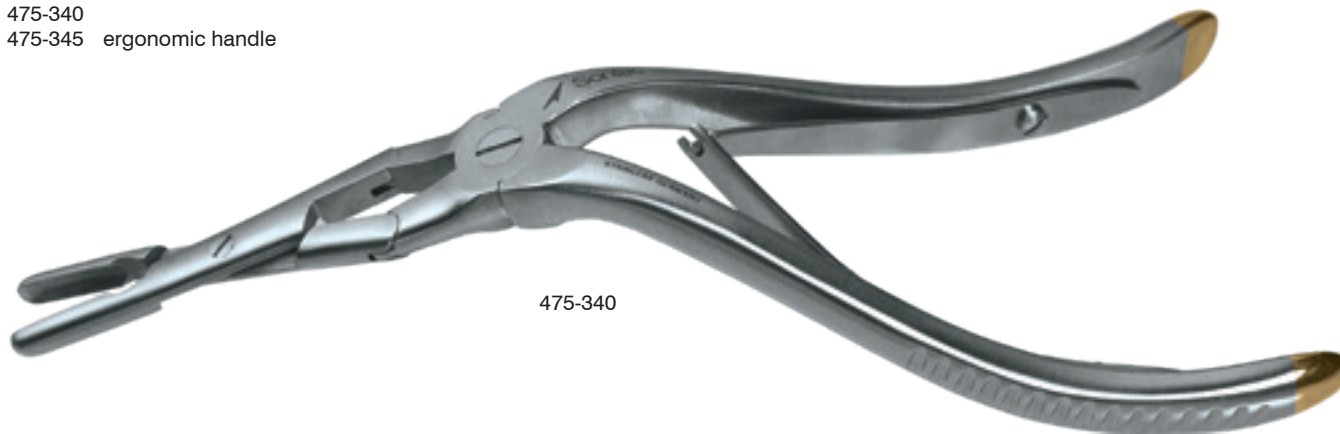
- 468-654 2.5 mm x 5.5 mm jaw
- 468-664 3.6 mm x 8 mm jaw
- 468-674 4.8 mm x 13 mm jaw



**Jansen-Middleton Septum Rongeur**

5 mm x 15 mm spoon-shaped cups / 7 1/2" (19 cm)

- 475-340
- 475-345 ergonomic handle



**Jansen-Middleton Septum Cut Through Rongeur Punch**

cut-through cups / ergonomic handle / 7 1/2" (19 cm)

- 475-350 4 mm x 19 mm
- 475-352 6 mm x 24 mm



**Sheen Fragment Retriever Forceps**



Low profile / 7" (18 cm)  
469-035

**Sontec Septal Platform Forceps**



7 1/4" (18.4 cm)  
467-332

**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)

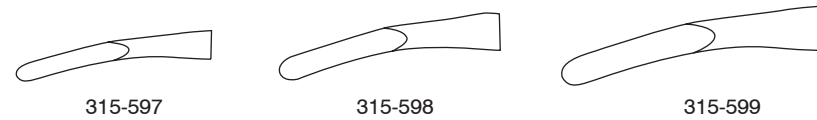
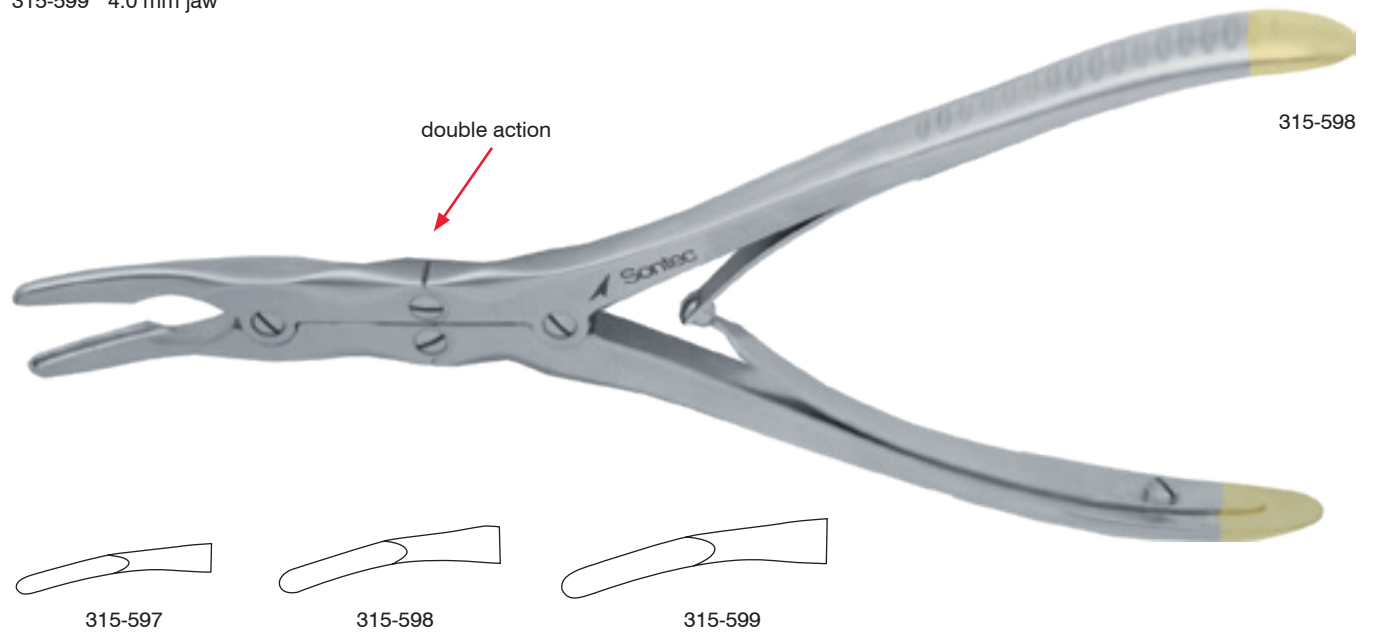
\* Additional Rongeurs available. Please call for styles, sizes & details



**Beyer Rongeur**

Double-action / curved / 7" (18 cm)

315-597	2.3 mm jaw
315-598	3.0 mm jaw
315-599	4.0 mm jaw



**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

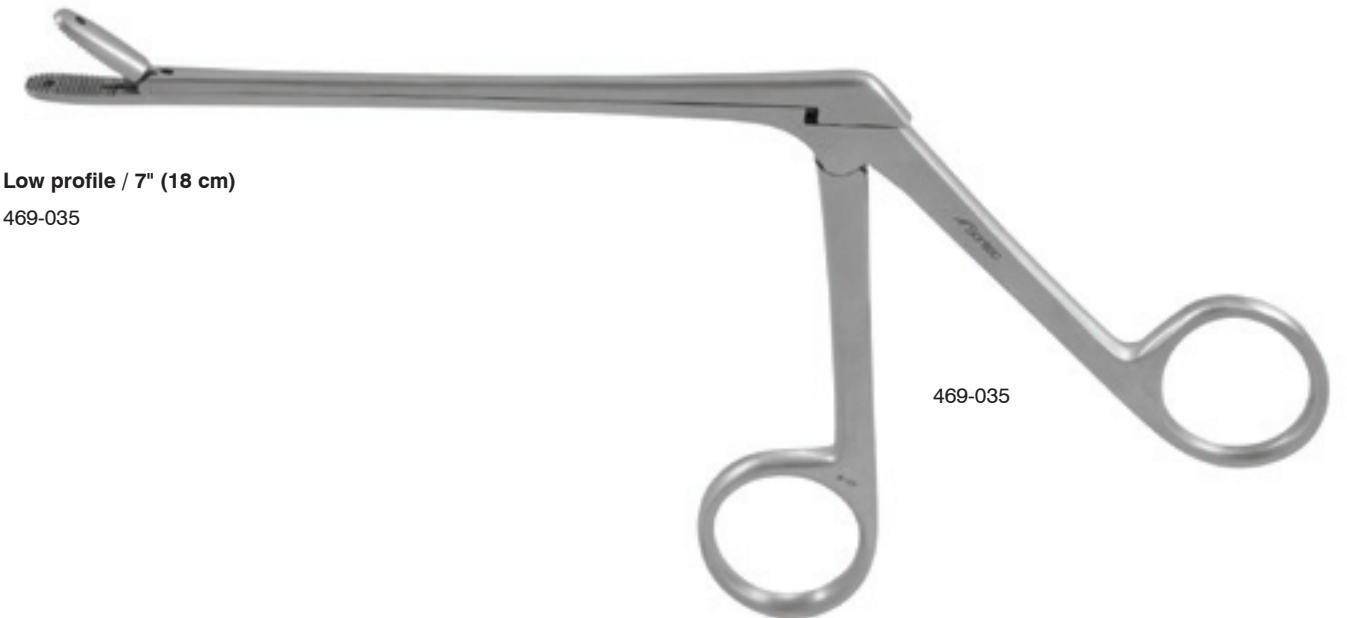


1404-845D

**Sheen Fragment Retriever Forceps**

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

- 469-035



469-035



 Sontec Instruments®

ENT KNIVES

**McIlwraith Bistouri Knife**

**Button end blade**

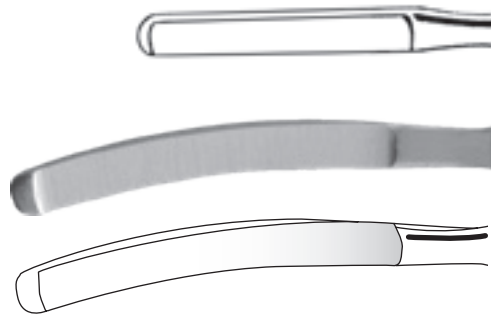
1271-156C	curved	35 mm	6" (15 cm)
1271-156	straight	35 mm	6" (15 cm)
1271-155	curved	55 mm	7" (18 cm)
1271-154	straight	55 mm	7" (18 cm)



1271-156C



1271-156



1271-155



1271-154

**Tendon Knife**

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

1271-151	curved
----------	--------



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
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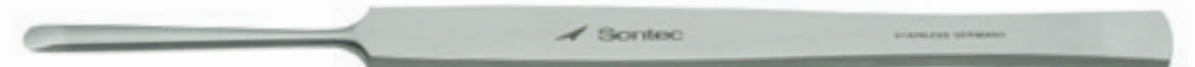


485-675

**Cottle Mucosa Knife**

6" (15 cm)

412-559
---------



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



1467-458



side view



1467-460



side view



1467-456



side view

**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

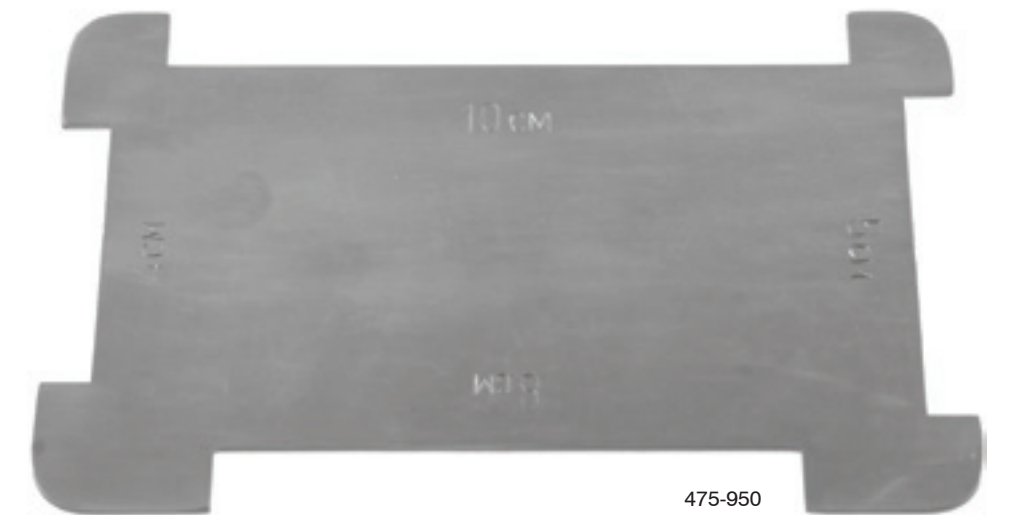


199-604

**Skin Holding Plate**

4, 5, 8, 10 cm

475-950



475-950



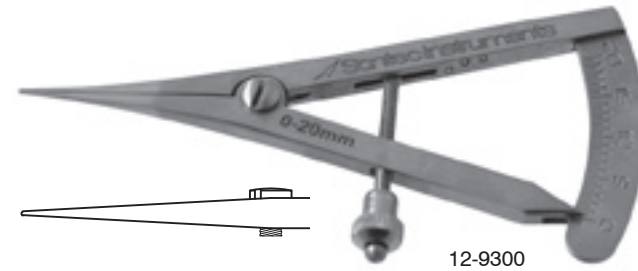
 Sontec Instruments®

CALIPERS & RULERS

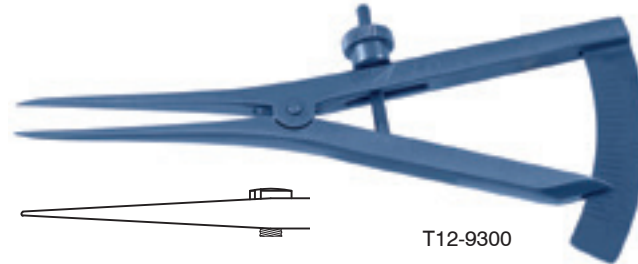
**Castroviejo Caliper**

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

12-9200	straight	original with wider shanks
12-9300	straight	
T12-9300	straight	titanium
12-9300D	straight	deluxe
12-9305	angled 45°	
12-9310	curved	
12-9310D	curved	deluxe
12-9315	angled	
12-9316	straight	40 mm scale
12-9318	angled	40 mm scale



12-9300



T12-9300



12-9200



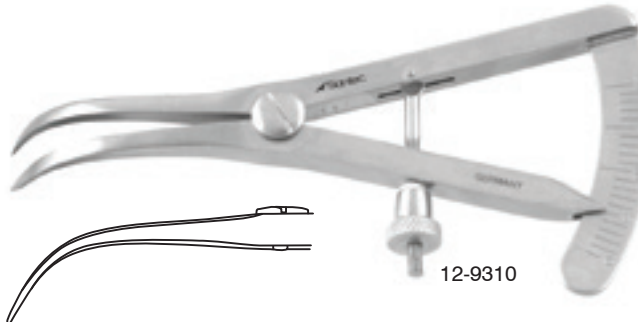
12-9300D



12-9305



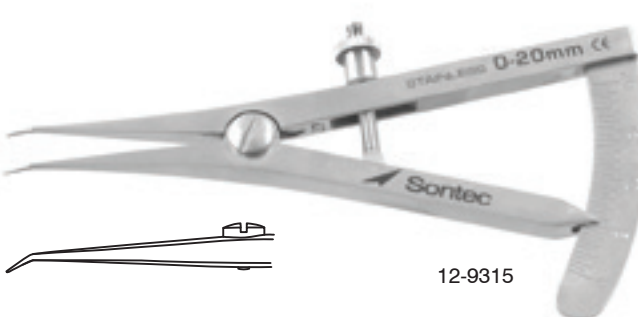
12-9310D



12-9310



12-9316

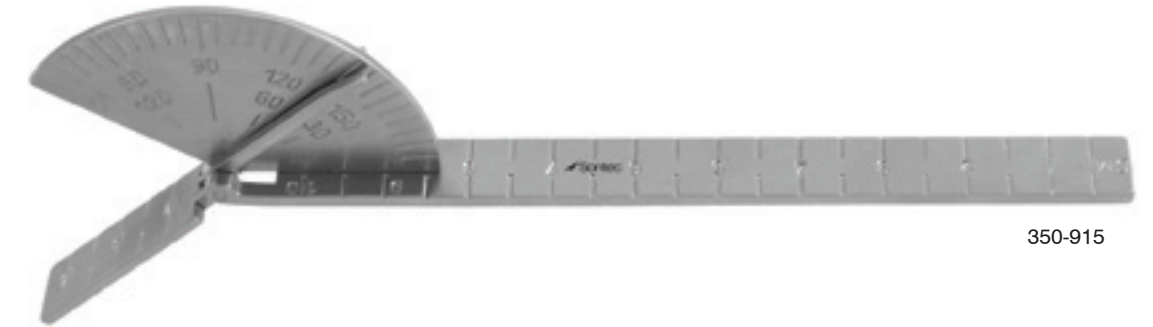


12-9315

**Finger Goniometer**

5 3/4" (14.5 cm)

350-915



350-915

**Castroviejo Body Caliper**

0-200 mm gauge / 0-100 mm gauge

12-9330	100 mm
12-9335	200 mm



12-9330



12-9335

**Castroviejo Caliper**

40 mm / 7" (17.8 cm)

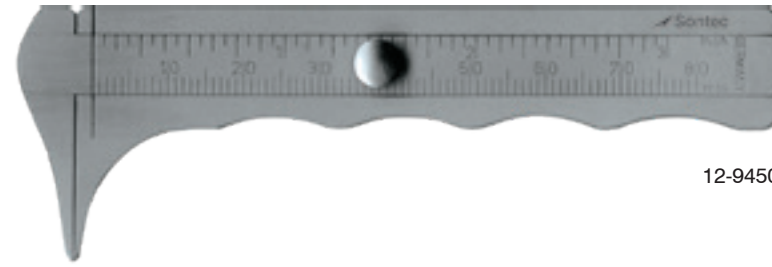
12-9320	straight
13-9325	angled



12-9320

**Jameson Caliper**

Scale to 3" (8 cm)  
12-9450



12-9450

**Thorpe Caliper**

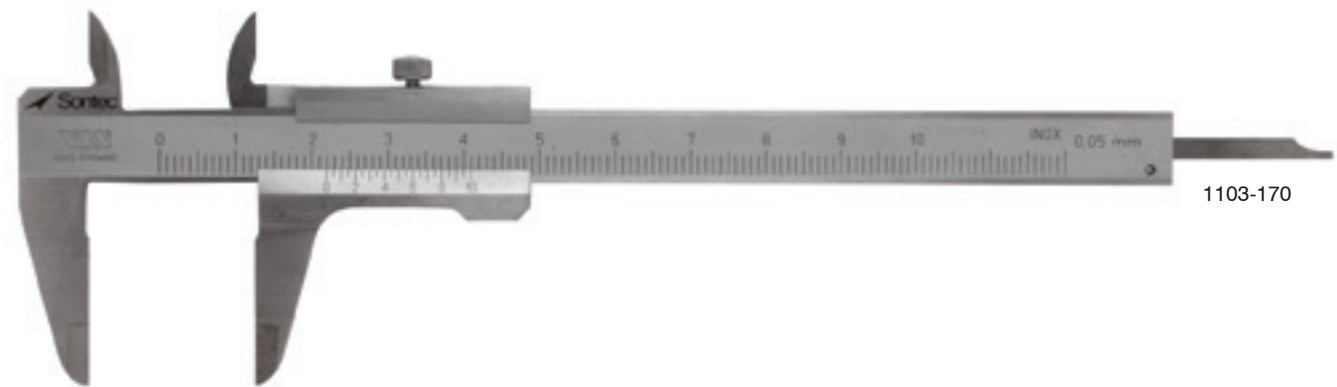
Scale to 3" (8 cm) /  
angled / markings in  
0.5 mm increments  
12-9400



12-9400

**Orthopedic Vernier Caliper**

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



1103-170

**Braun Fixed Caliper**

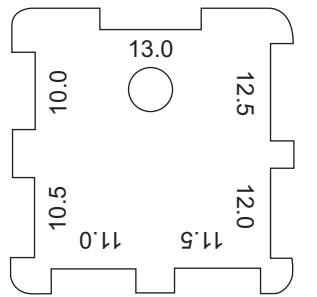
8 cm / special sizes made to order  
12-9340



12-9340

**Stahl A/C Lens Gauge**

For verifying diameter of A/C  
lenses in 1.5 mm increments /  
Teflon coated stainless steel  
12-9630



12-9600

**Stahl Caliper**

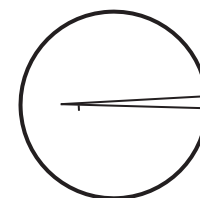
A/C caliper for  
measuring corneal  
diameter prior to A/C  
IOL / size markings  
on both sides  
12-9600



12-9630

**House Ear Caliper**

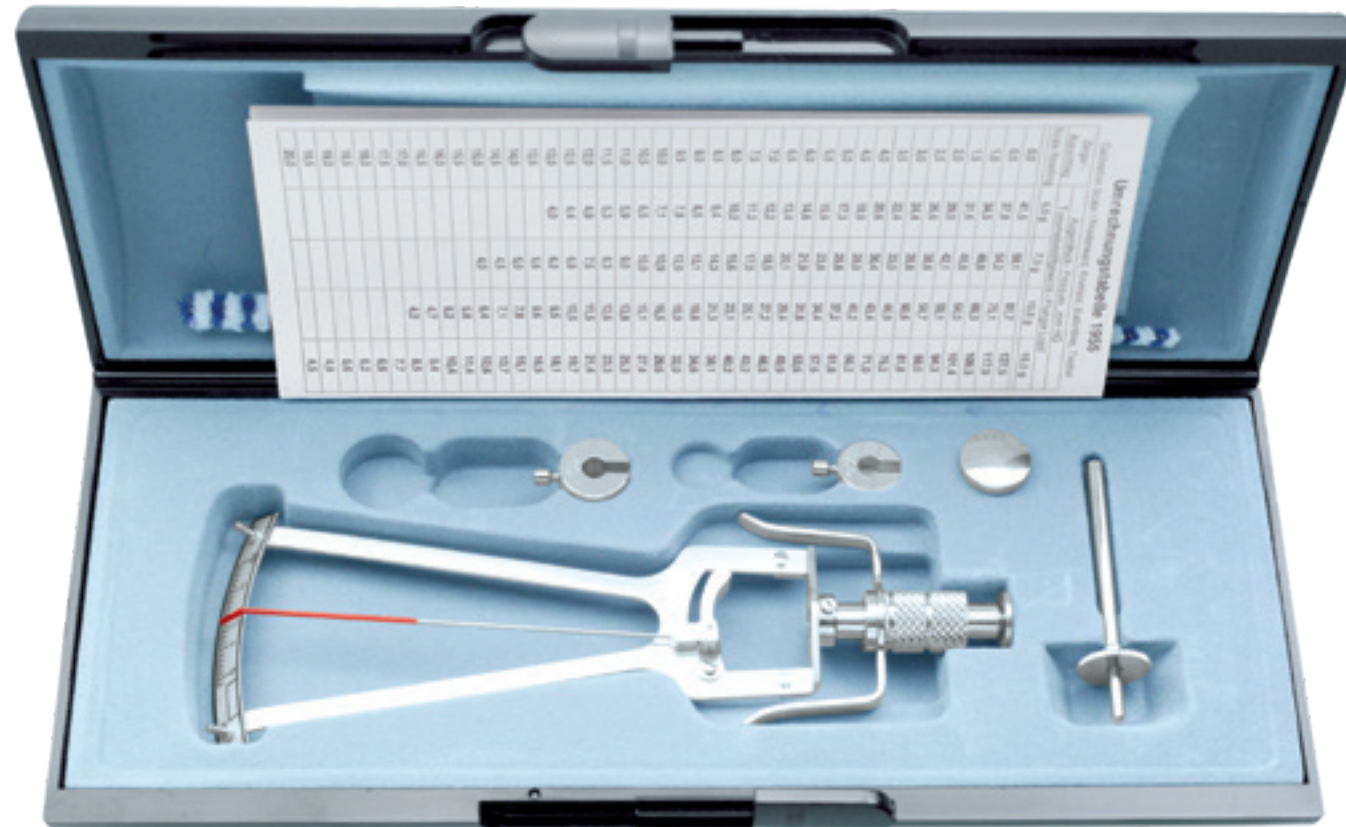
With rod mark / 6 1/4" (16 cm)  
1463-140 3.5mm  
1463-141 4mm  
1463-142 4.5mm  
1463-143 5mm



1463-142

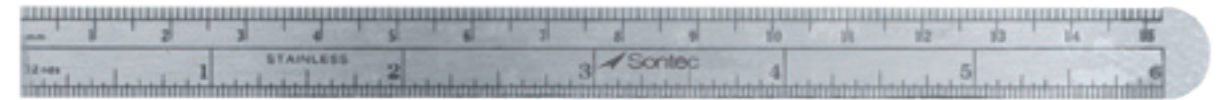
**Schiotz Tonometer**

Autoclavable / original model  
18-8301 incline scale



**Flexible Stainless Ruler**

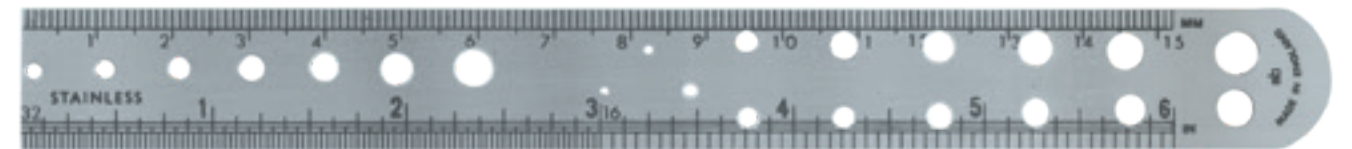
6" (15 cm) / graduated in 1/32"  
fractions and millimeters  
12-9500



12-9500

**Punched Hole Gauge Ruler**

7" (18 cm) in length  
1106-190



Back

1106-190



 Sontec Instruments®

RASPS

**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

**Foman TC Insert Rasp**

TC / double-ended / single-sided / 8 1/2" (21.5 cm)

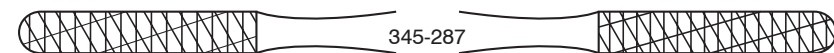
- 345-289 9 / 10
- 345-287 7 / 8
- 345-285 5 / 6
- 345-283 3 / 4
- 345-282 2 / 3
- 345-281 1 / 2



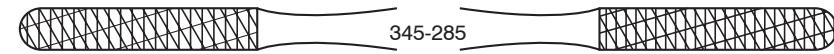
345-282



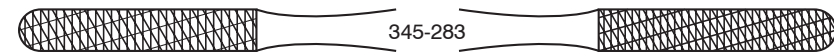
345-289



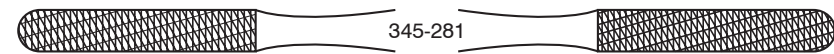
345-287



345-285



345-283



345-281

**Miller Rasp**

Concave / single ended / TC / 8" (20.25 cm)  
345-305



345-305

**Kistler Ear Cartilage Rasp**

Curved / 6 1/2" (16.5 cm)

- 475-618L left
- 475-618R right



475-618L



475-618R

**Rhinoplasty Rasp**

**Straight / 7 3/4" (20 cm)**

- 345-312 teeth down
- 345-314 teeth up



345-312



345-314

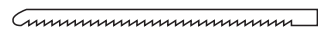
**Maltz Improved Double Ended Rasp**

**Single-sided / up & down rasping / 8 1/4" (21 cm)**

1103-235



1103-235



**McCollough Twist Fomon Raspatory**

**Double-Ended-Single-Ended / TC / 8 1/2" (21.6 cm)**

- 345-350 #2/3
- 345-352 #4/6



345-352

**Sontec Ear Rasp Set**

**Serrated / 6" (15.2 cm)**

- 475-596 curved left
- 475-598 curved right

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

- 475-610 curved right
- 475-605 curved right serrated
- 475-600 curved left serrated
- 475-615 set of all three



475-596



475-598



475-610



475-605



475-600

**Foman Rasp**

Serrated / double ended / single sided / 8" (20.3 cm)

- 345-290 1 / 2
- 345-291 3 / 4
- 345-292 5 / 6
- 345-293 7 / 8
- 345-294 9 / 10

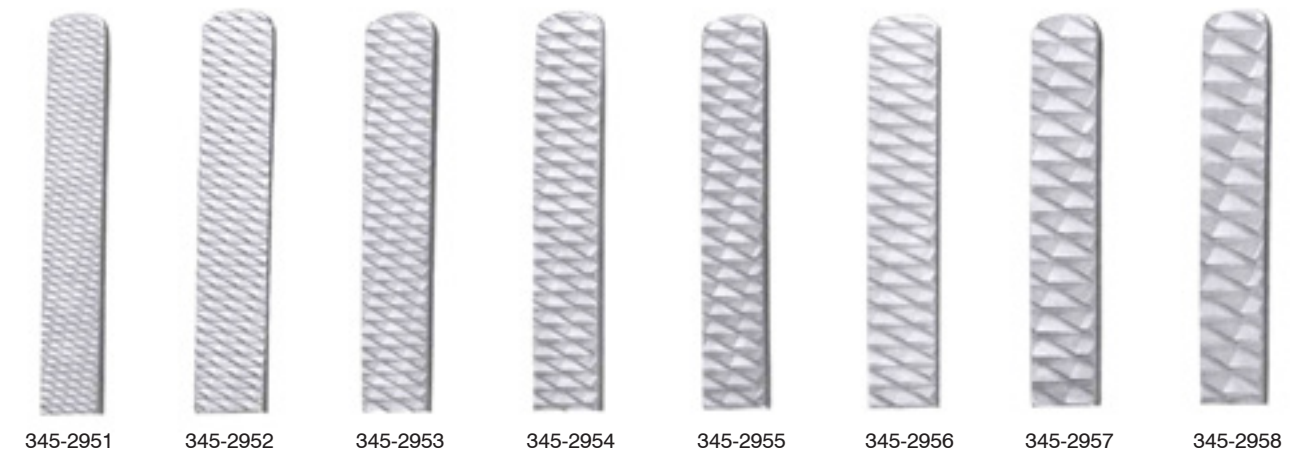


**Foman Rasp**

TC serrated / single ended / 9" (22.9 cm)



- 345-2951 #1
- 345-2952 #2
- 345-2953 #3
- 345-2954 #4
- 345-2955 #5
- 345-2956 #6
- 345-2957 #7
- 345-2958 #8
- 345-2959 #9
- 345-2950 #10



**Foman "R" Rasp**

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

345-279



**Polokoff Bone Rasp Double-Ended Single-Sided**

- 1103-241 5.5 mm / 6 mm 8"
- 1103-242 3 mm / 4 mm 7 1/2"



**Howard Bone Rasp Double-Ended Single-Side**

7 1/8"

- 1103-223 #12
- 1103-225 #12A
- 1103-226 #12CA



**Miller Bone Rasp Double-Ended Single-Sided Serrated**

7"

- 345-241 5 mm / 6 mm #33
- 345-242 3 mm / 4 mm #64
- 1103-233 6 mm / 7 mm #10



**Miller Bone Rasp Double-Ended Single-Sided**

7 1/2"

- 1103-229 6 mm / 7 mm #45



**Miller Rasp**

Concave / single ended / TC / 8" (20.25 cm)

- 345-305



**Sontec-Miller TC Insert Rasp**

Double-ended / TC / 7 1/8" (18.25 cm)

- 345-300 serrated
- 345-302 cross-serrated



**Miller Cross Serrated Rasp**

Double-ended / cross-serrated / up & down rasping / 7 1/8" (18.25 cm)

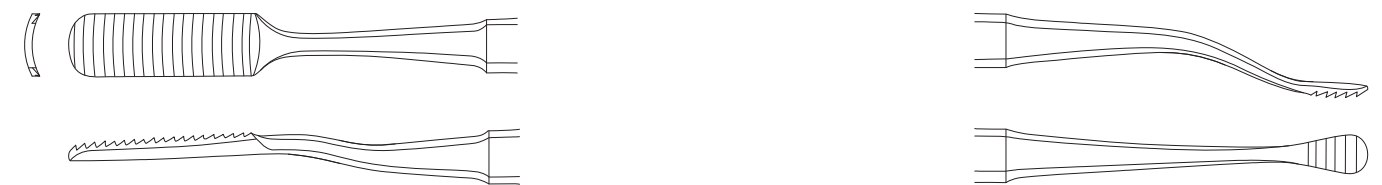
- 1103-232 4 mm & 4 mm wide
- 1100-490C 5 mm & 6 mm wide
- 1103-225C 5 mm & 7 mm wide
- 1100-491 6 mm & 7 mm wide



**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



**Nail Rasp**

Single-sided /  
6 3/4" (17 cm)

- 345-243



**Maltz Single-Ended Rasp**

Single-sided / 7" (18 cm)

- 345-310 reverse
- 345-311 forward cut



**Masing Rasp**

Single ended / straight  
/ TC / 7 3/4" (19.5 cm)

345-289R course  
345-338 fine



345-289R



345-338

**Sontec Diamond Surface Rasp**

7 3/8" (18 cm)

345-345 straight  
345-346 curved



345-345



345-346

**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®

Plastic SPECIALTY

**Wright Fascia Needle**

With suture eye / sharp tip / 1 mm x 6 mm oval / 5 1/2" (14 cm)

10-4600



**Cottle-Walsham Forceps**

For septum straightening / straight / 9" (24.5 cm)

468-520



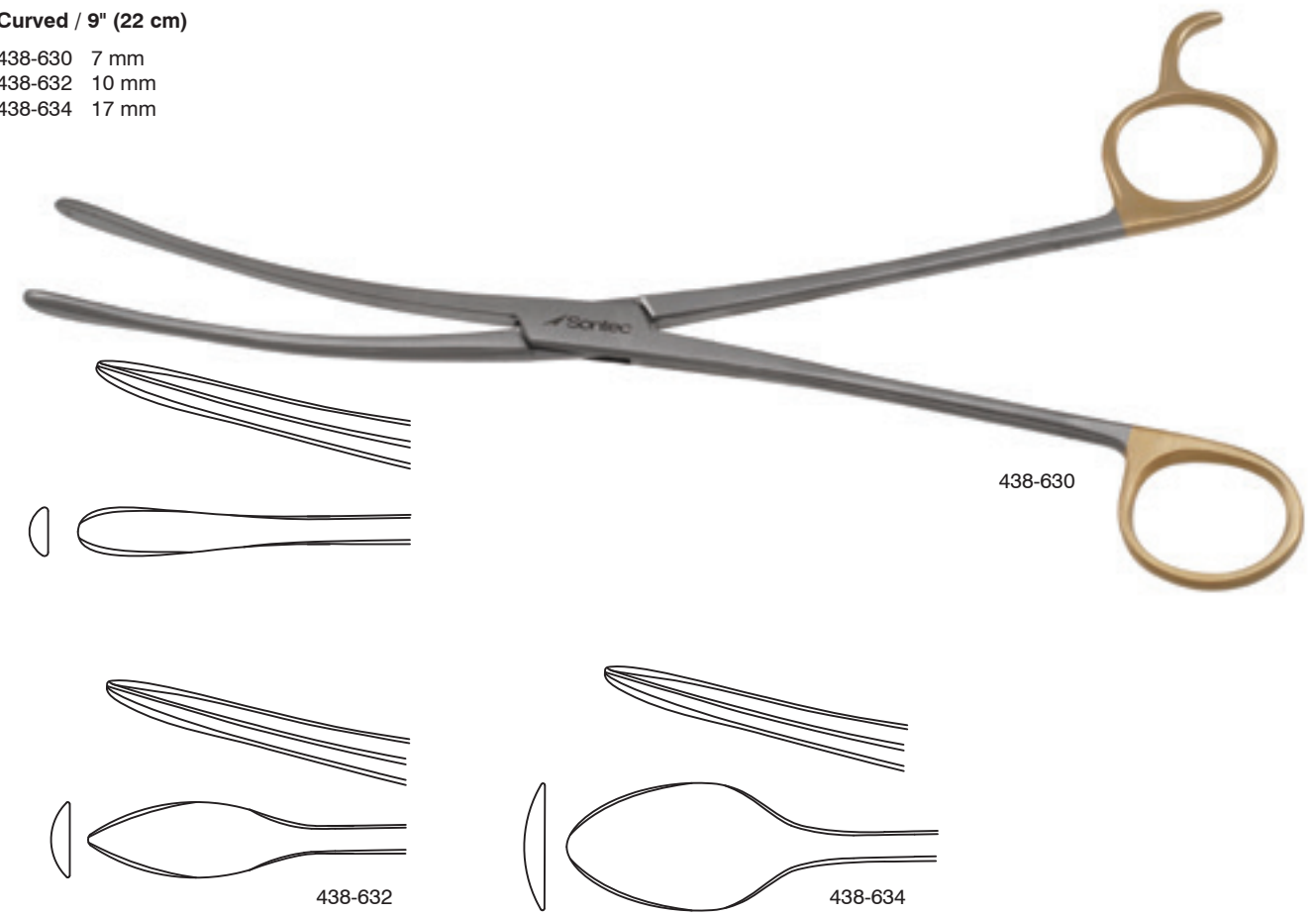
**Midface Dissecting Forceps**

Curved / 9" (22 cm)

438-630 7 mm

438-632 10 mm

438-634 17 mm



**Asch Septum Straightening Forceps**

Angled blades / 44 mm x 7 mm

468-522 9" (23 cm)

468-523 6 1/4" (16 cm)



**Tessier Bone Morselizing Forceps**

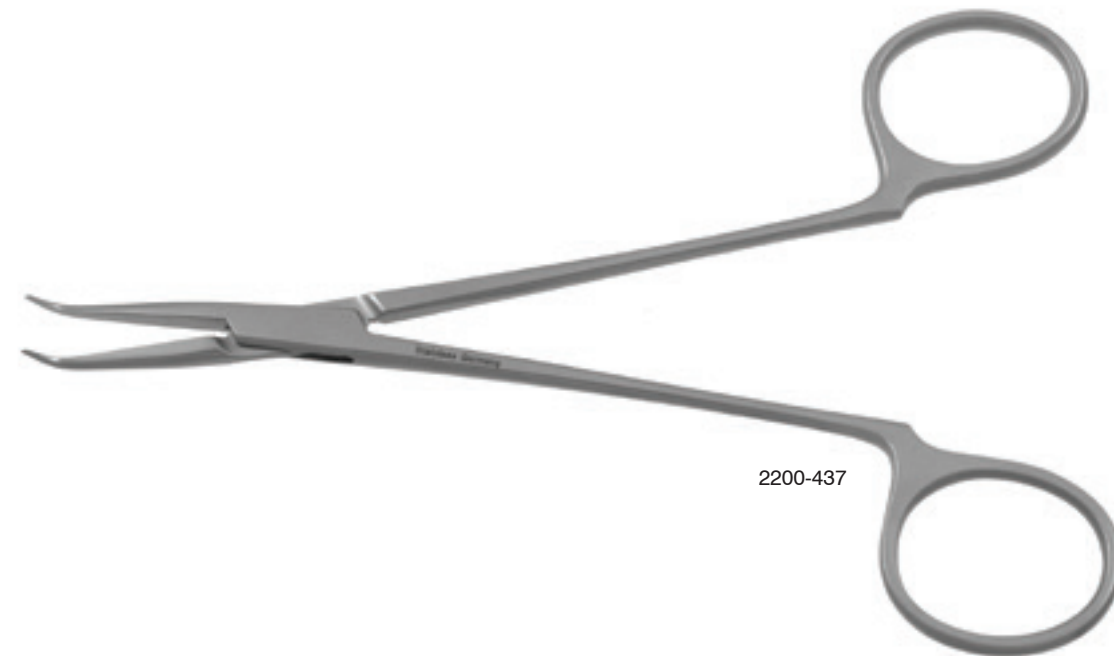
Concave/convex jaws / 8 3/4"  
468-521



468-521

**McCabe Facial Nerve Dissector**

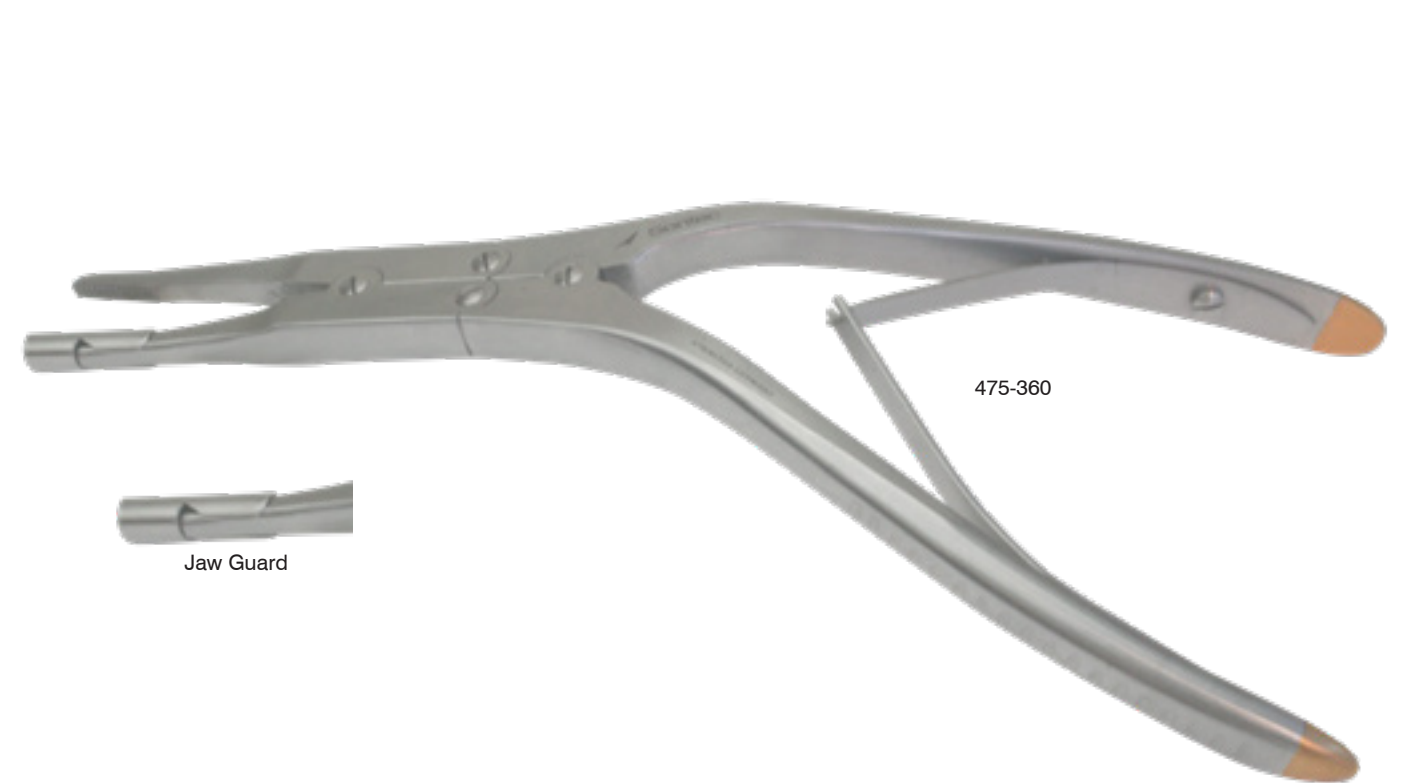
Angle / smooth / 5 1/2"(14 cm)  
2200-437



2200-437

**Rubin Septal Morselizer Forceps**

With jaw guard / 8"(20.5 cm)  
475-360



475-360

Jaw Guard

**Sontec® Universal Bottle Opener**

Easy to use / 7 1/2" (19 cm)  
1103-620



1103-620

**Freeman Areola Marker**

- 475-904 30 mm
- 475-899 34 mm
- 475-906 36 mm
- 475-900 38 mm
- 475-901 42 mm
- 475-902 45 mm
- 475-903 50 mm

- Sets
- 475-9071  
Includes sizes: 36 mm & 42 mm
  - 475-9072  
Includes sizes: 32 mm, 36 mm & 42 mm



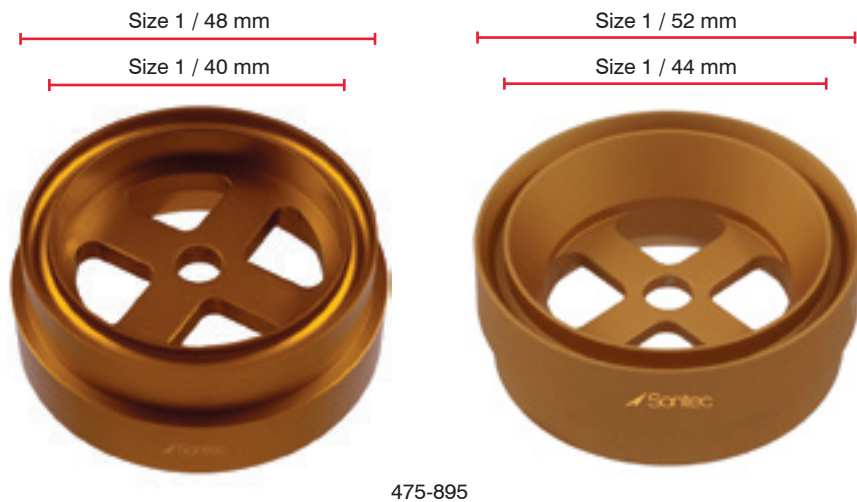
**Sontec Areola Marker**

- 475-908 30 mm
- 475-909 34 mm
- 475-910 36 mm
- 475-911 38 mm
- 475-915 40 mm
- 475-912 42 mm
- 475-913 45 mm
- 475-914 50 mm



**Grossman Areola Marker**

- Aluminum / 4 sizes
- 475-895



**Chang Quad Areola Marker**

- 38 mm & 42 mm
- 475-918



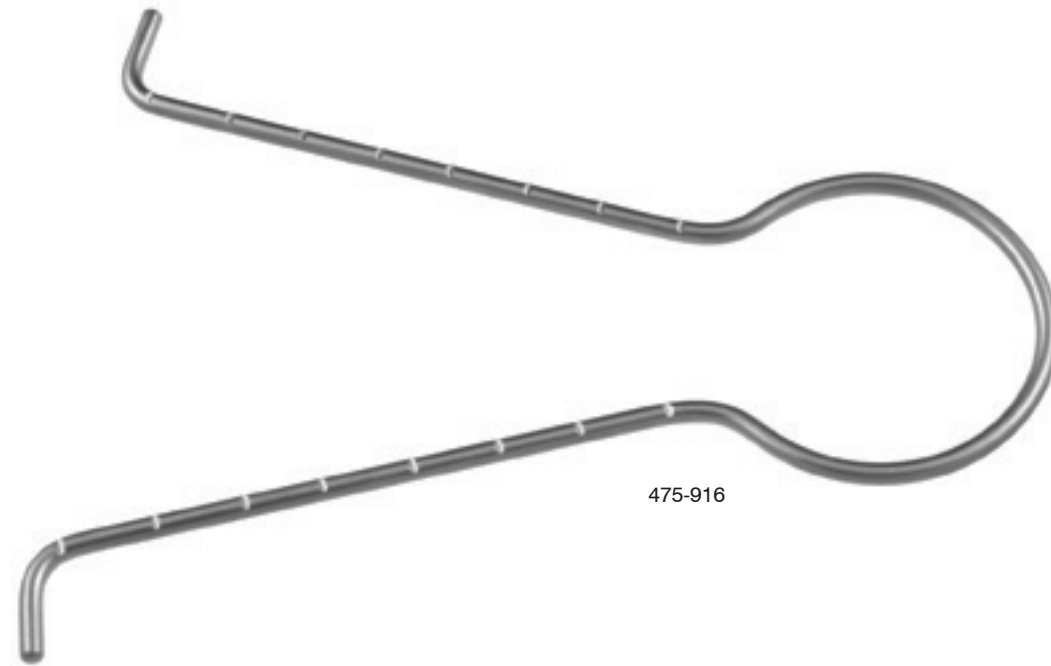
**Bone Grinder**

- 355-265

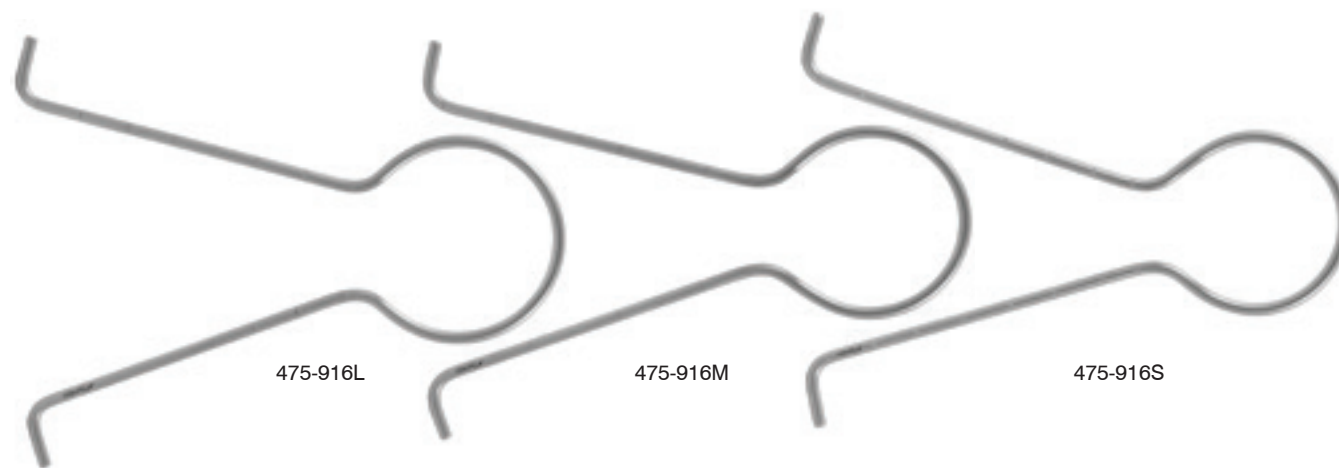


**Breast Reduction Marker**

475-916-SET  
 475-916S small  
 475-916M medium  
 475-916L large



475-916



475-916L

475-916M

475-916S

**Lower Lateral Cartilage Morselizer**

7 1/2" (19.1 cm)  
 468-515



468-515

**Nasal Cartilage Punch Forceps**

6" (15 cm)  
 115-556



115-556

**Sontec Septal Platform Forceps**

7 1/4" (18.4 cm)  
467-332



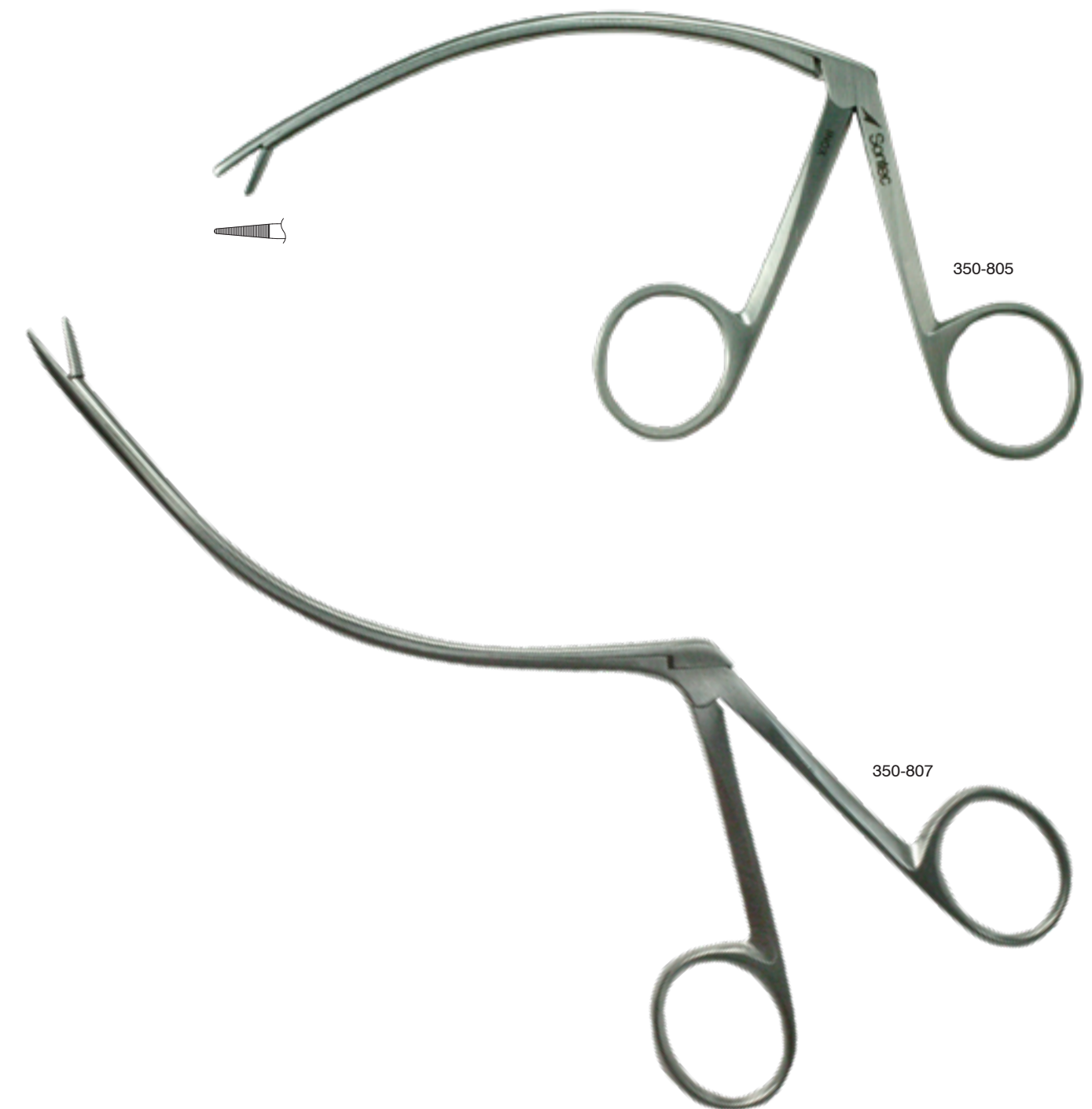
**Sontec Septal Platform Forceps Titanium**

Serrated jaws / 11 mm x 21 mm / 7" (17.8 cm)  
469-033T



**Carroll Tendon Pulling Forceps**

4.5" shaft (11.4 cm) / serrated jaws  
350-805 curved down  
350-807 curved up



**Tendon Stripper**

4.5 mm / 9" (23 cm)  
350-790



350-790

**Sheehy Gelfoam Cartilage Press**

6 1/8" (15.6 cm)  
468-529 13 mm x 13 mm plate

7" (18 cm)  
468-531 11 mm x 14 mm plate  
468-541 22 mm x 30 mm plate

7 1/2" (19.1 cm)  
468-535 12 mm x 16 mm plate  
468-530 13 mm x 13 mm plate

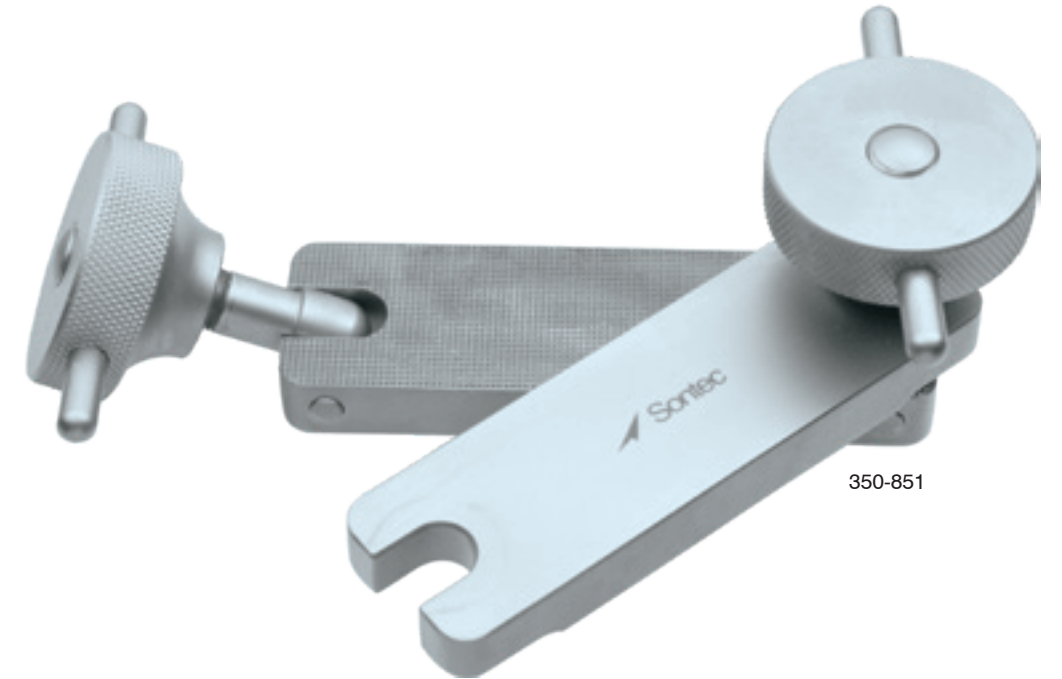
8 1/4" (21 cm)  
468-540 13 mm x 20 mm plate



468-535

**Gubisch Cartilage Crusher**

350-851



350-851

**Cartilage Cutting Block**

85mm x 55mm x 10mm / 4 set depths to create the perfect cut

350-8451    teflon  
350-8451S    stainless steel



350-8451



350-8451S

**Gruber Cartilage Teflon Cutting Block with Grid**

Black / 100 mm x 60 mm x 10 mm

350-8452



350-8452

**Gruber Cutting Block**

85 mm x 55 mm x 10 mm

350-8454    without grid    teflon  
350-8454T    with grid    titanium



350-8454

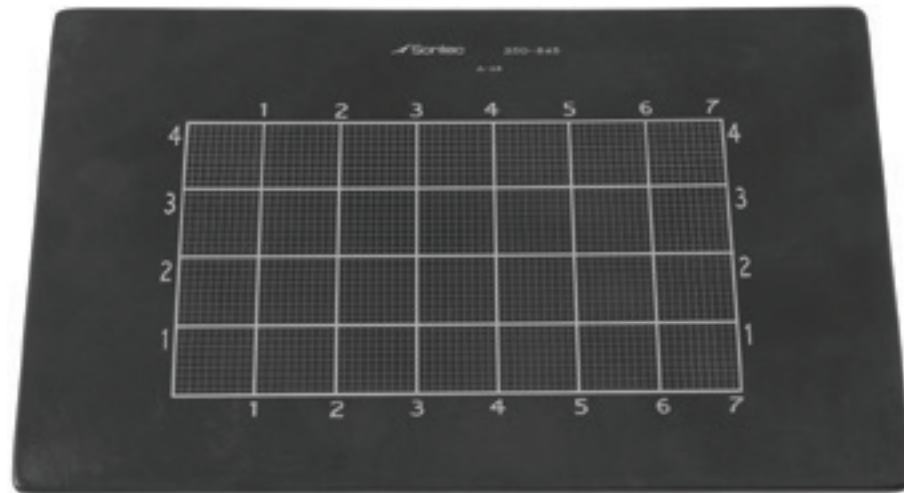


350-8454T

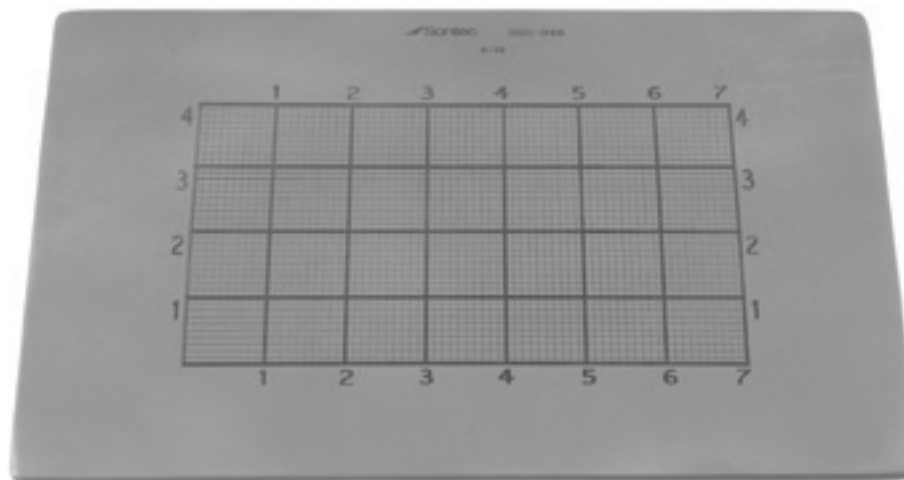
**Sheen Cartilage Cutting Grid**

Stainless steel / 70 mm x 40 mm x 2 mm

- 350-845 anodized black
- 350-846 bead blast finish



350-845



350-846

**Cartilage Cutting Block Titanium**

120mm x 120mm x 15mm

- 350-8453T

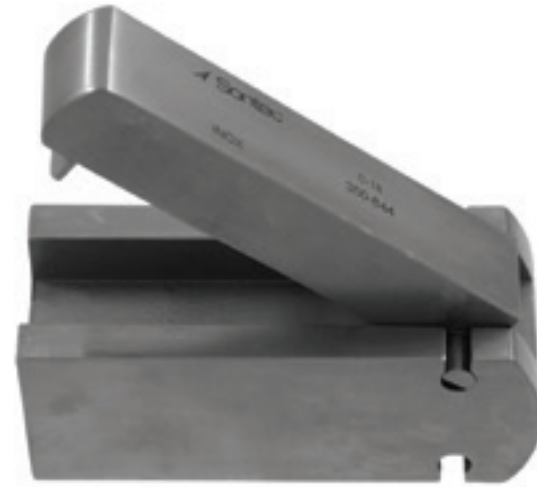


350-8453T

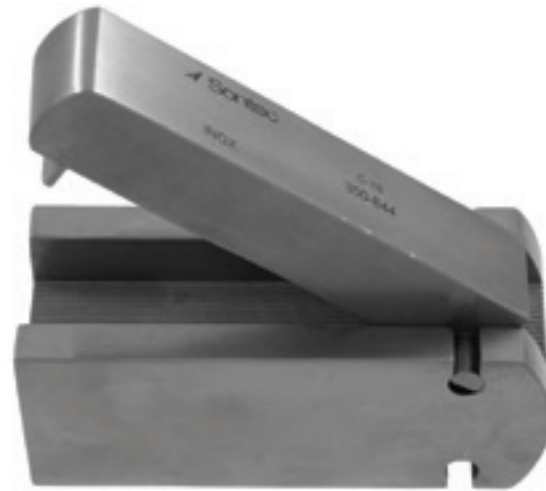
**Cottle Cartilage Crusher**

Original single serrated bed with tongs  
350-849

New / double-sided / dismantable /  
reversible / 1 smooth side 1 serrated side  
350-844



350-844 (side one)



350-844 (side two)



350-849

**Cartilage Crusher**

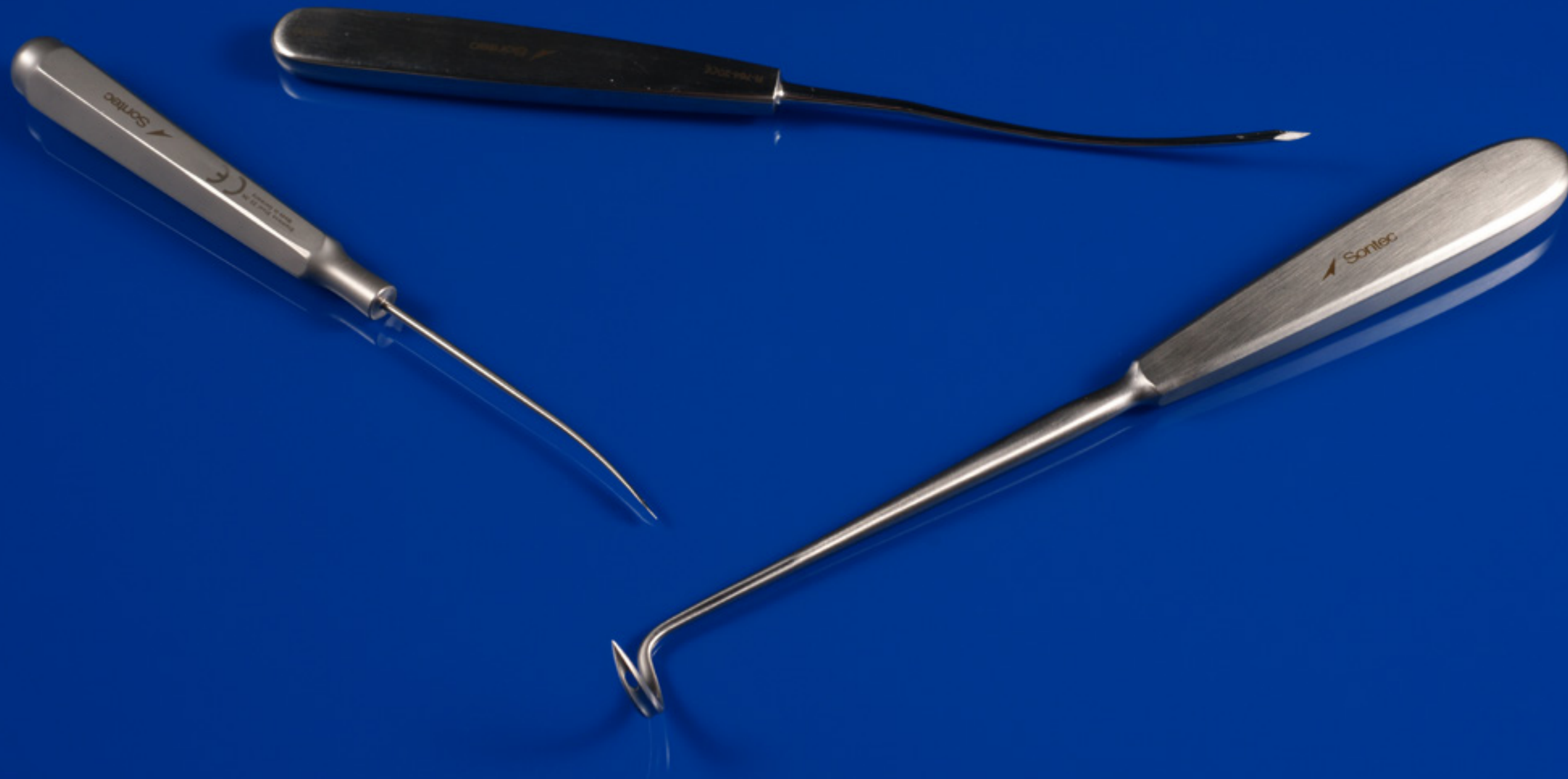
Hand controlled crank / serrated bed  
350-850



350-850



open

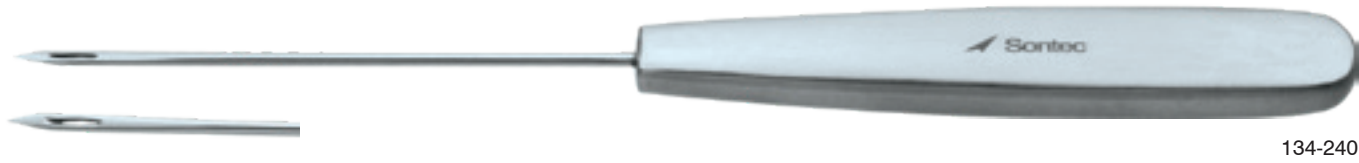


 Sontec Instruments®

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



**Tendon Passer Ligature Carrier**

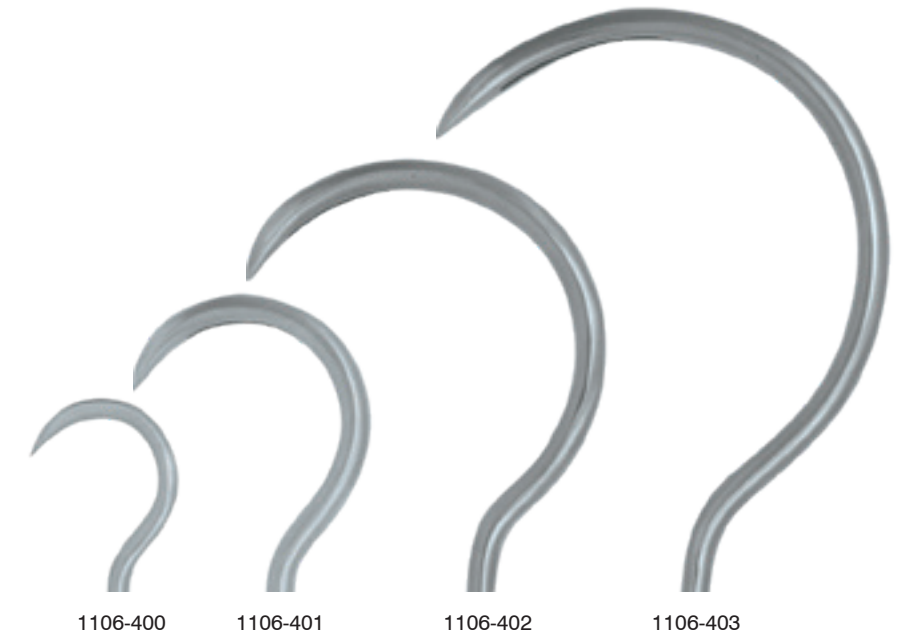
10.5" (26 mm) / 11" phenolic handle  
305-910



**Graft Passer Ligature Carrier**

**Curved**

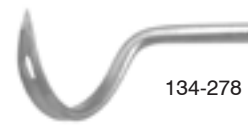
1106-400	2 cm	extra small
1106-401	3 cm	small
1106-402	4.5 cm	large
1106-403	6 cm	extra large
1106-404	8cm	XX large



**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®

SUCTION Selection

**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

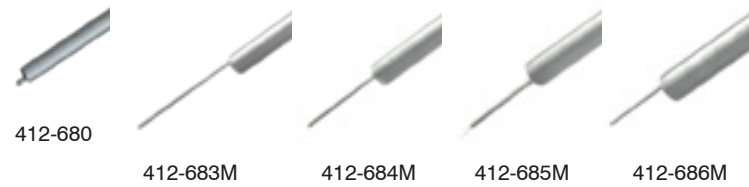
9" (23 cm)

- 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)

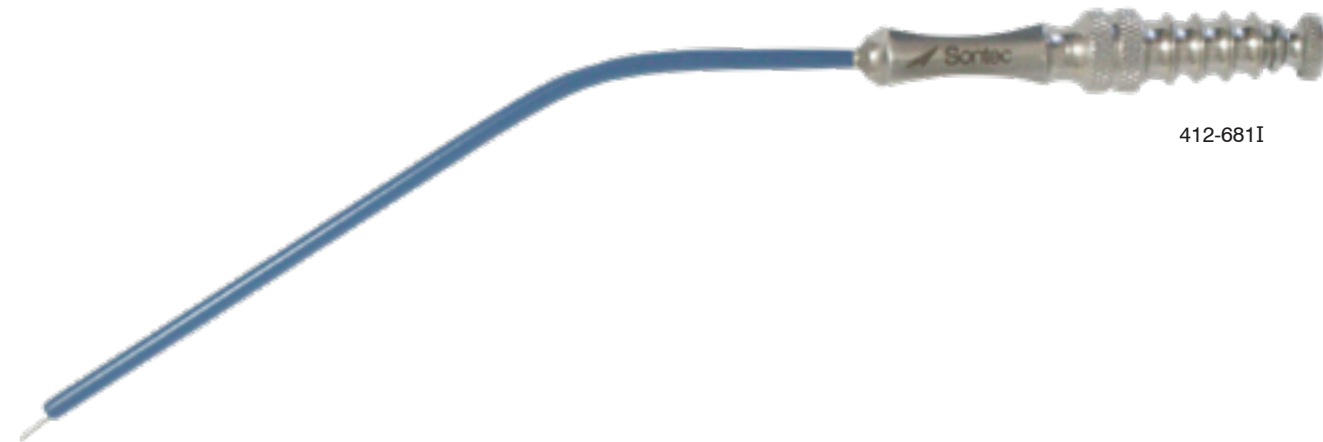
- 412-700 6 french
- 412-701 7 french
- 412-702 8 french
- 412-704 10 french
- 412-706 12 french



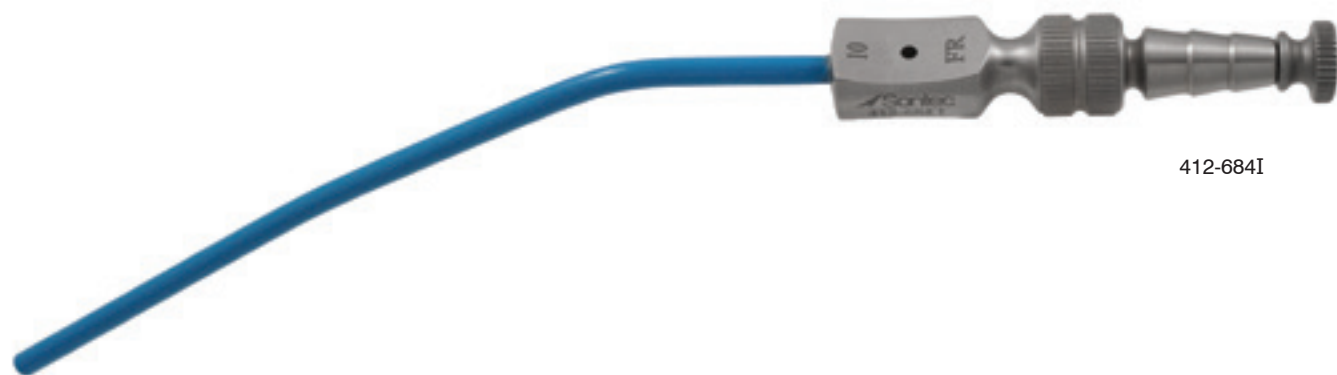
**Frazier Insulated Suction**

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



412-681I

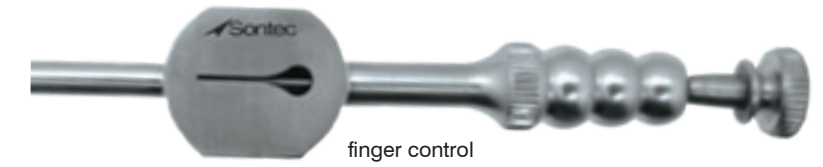


412-684I

**Fukushima Suction**

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

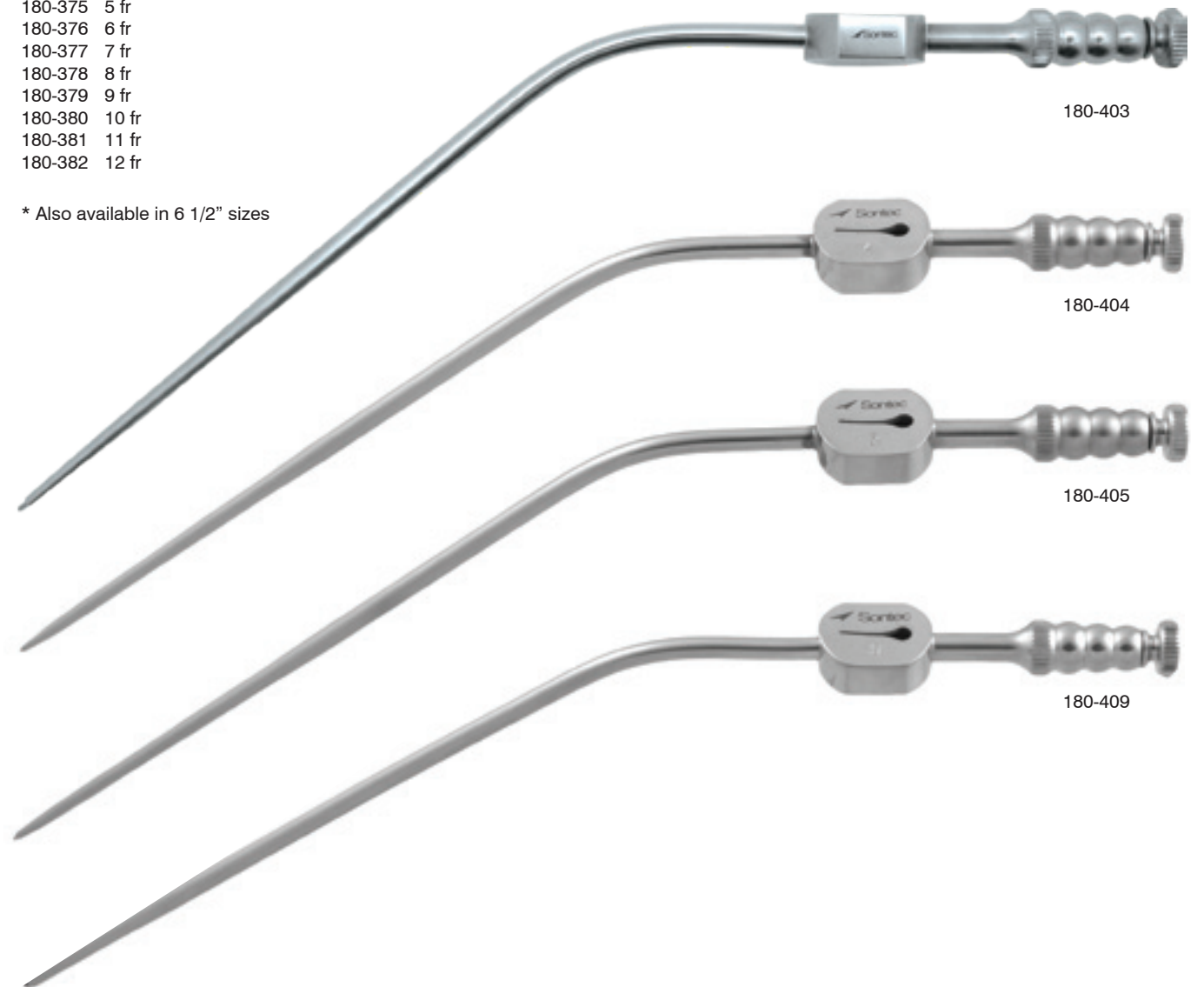
- 180-403 3 fr
- 180-404 4 fr
- 180-405 5 fr
- 180-406 6 fr
- 180-407 7 fr
- 180-408 8 fr
- 180-409 9 fr
- 180-410 10 fr
- 180-411 11 fr
- 180-412 12 fr



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



180-403

180-404

180-405

180-409

**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

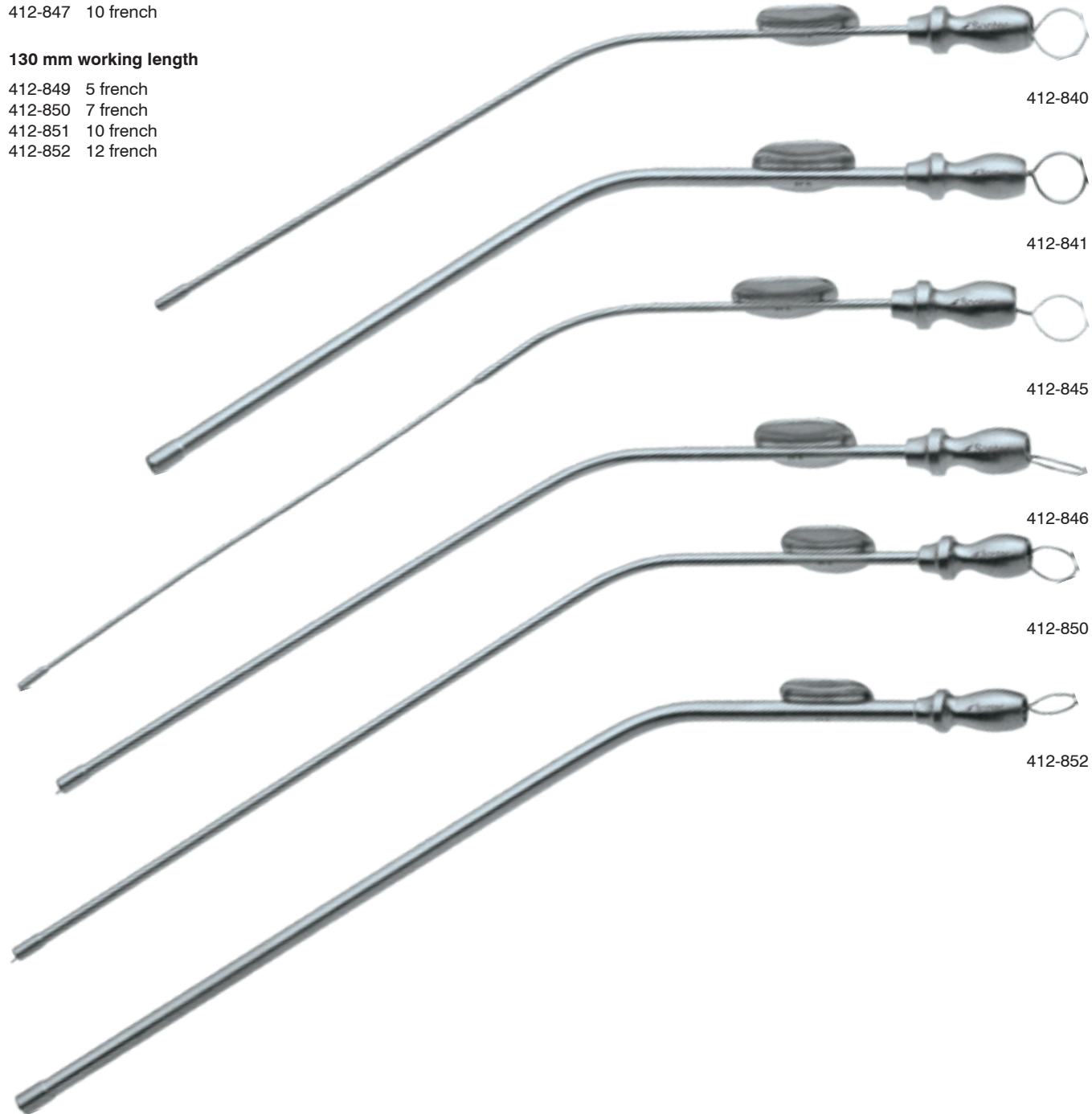


**100 mm working length**

- 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)**

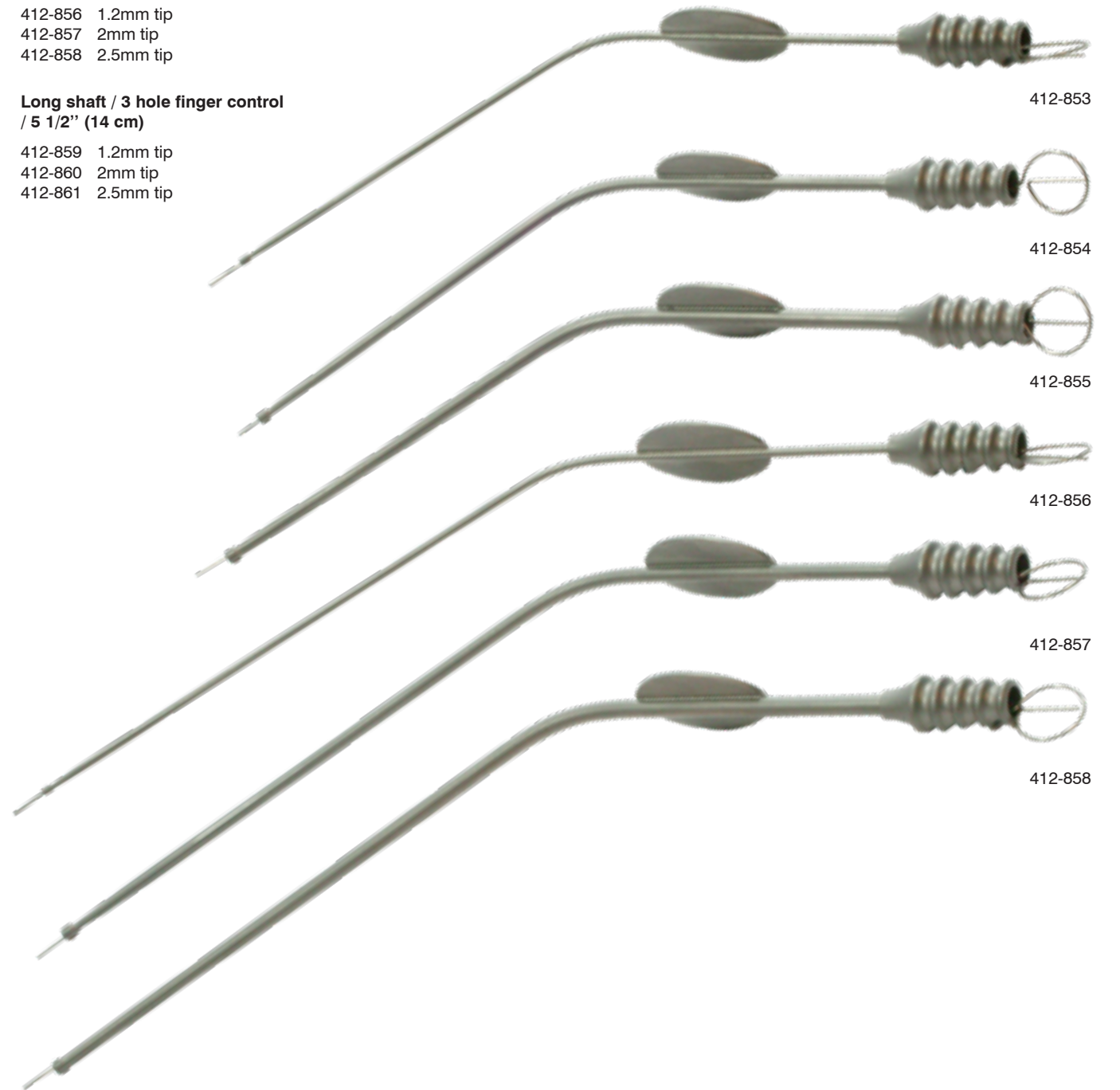
- 412-853 1.2mm tip
- 412-854 2mm tip
- 412-855 2.5mm tip

**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



**Barnes Mini Suction Tube**

- 412-7081 1.5 mm tip
- 412-7082 1.7 mm tip
- 412-7083 2 mm tip
- 412-7084 3 mm tip



**Pashley-Frazier Suction**

Curved tip / 7" (18 cm)

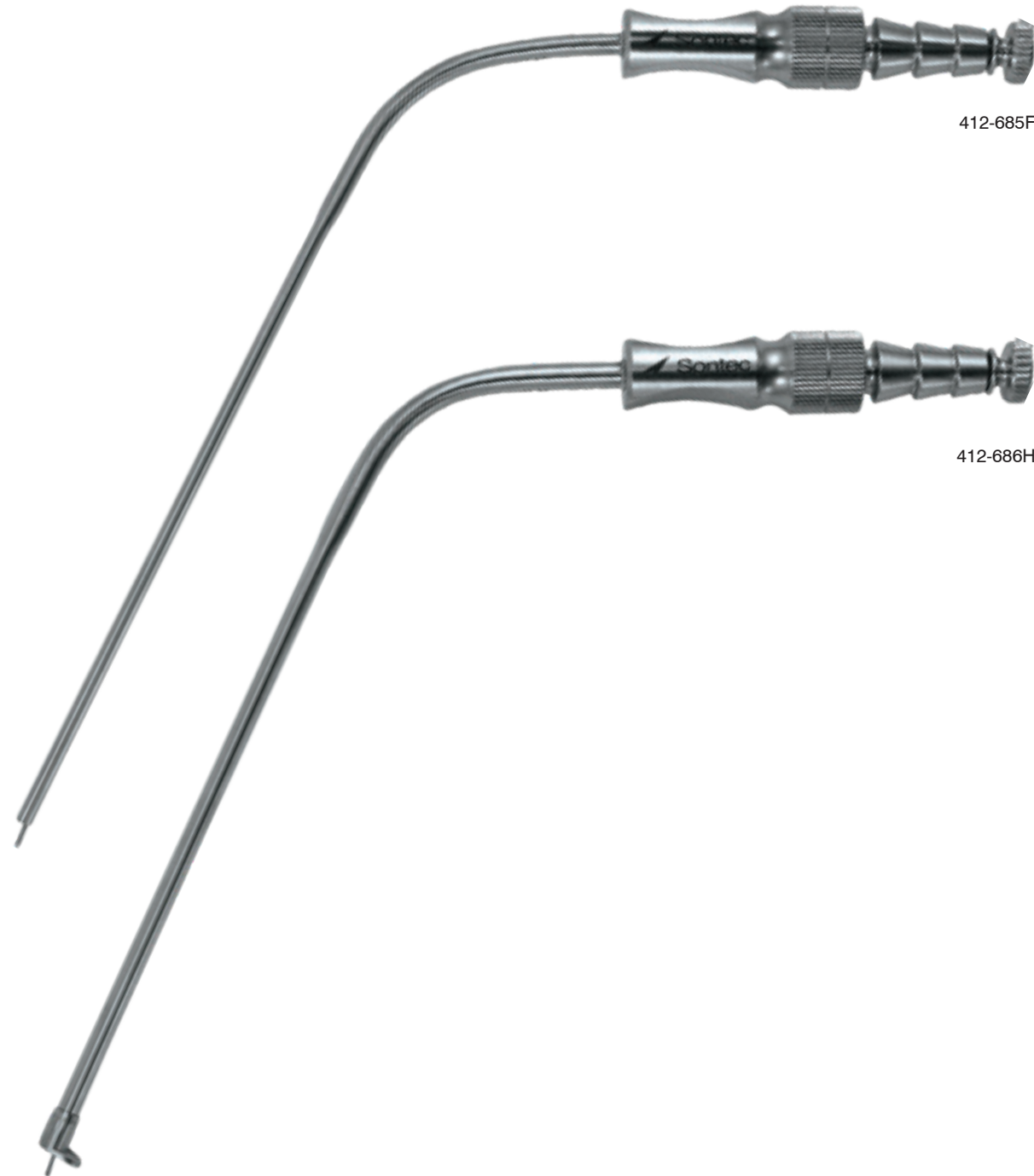
- 1463-501 7 french curved right
- 1463-500 7 french curved left
- 1463-503 8 french curved right
- 1463-504 8 french curved left
- 1463-506 9 french curved right
- 1463-507 9 french curved left



**Modified Ferguson-Frazier Suction**

**Fenestrated oval tip**

- 412-685F 11 french angled
- 412-686H 12 french angled with hook lip



412-685F

412-686H

**Bayonet Suction Tube**

**Top finger control / 3 3/8" working length**

- 412-900 5 french
- 412-902 7 french
- 412-904 9 french

**Right finger control / 3 3/8" working length**

- 412-906 5 french
- 412-908 7 french
- 412-910 9 french



412-900

412-902

412-904

412-906

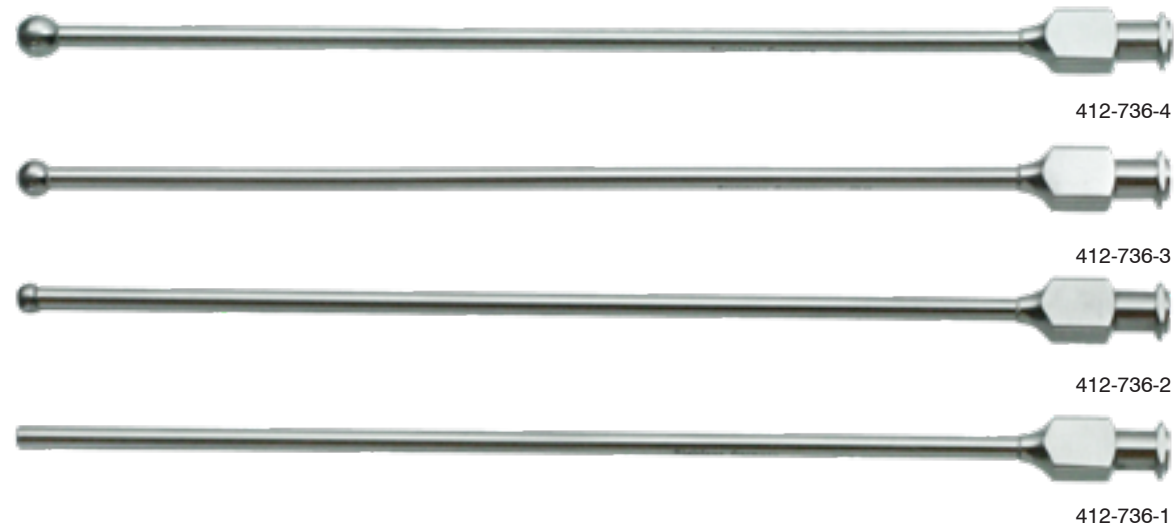
412-908

412-910

**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



**Buie Suction Tube**

With finger valve / 16" (40.5 cm)

- 508-523 15 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



**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



**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**

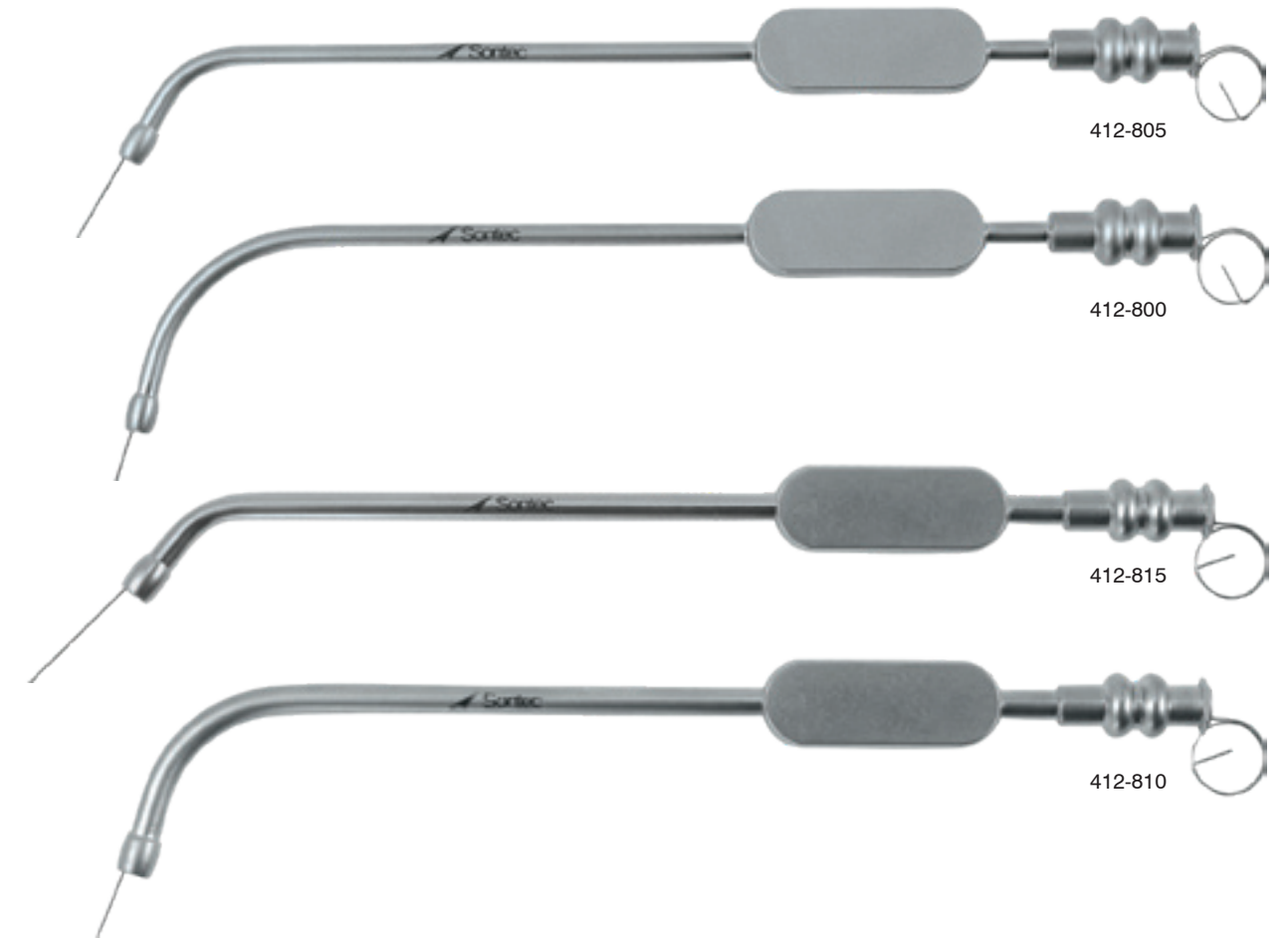
- 412-720 12 french 5" (12.5 cm)
- 412-724 12 french 8" (20 cm)



**Killian (Von Eicken) Suction**

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

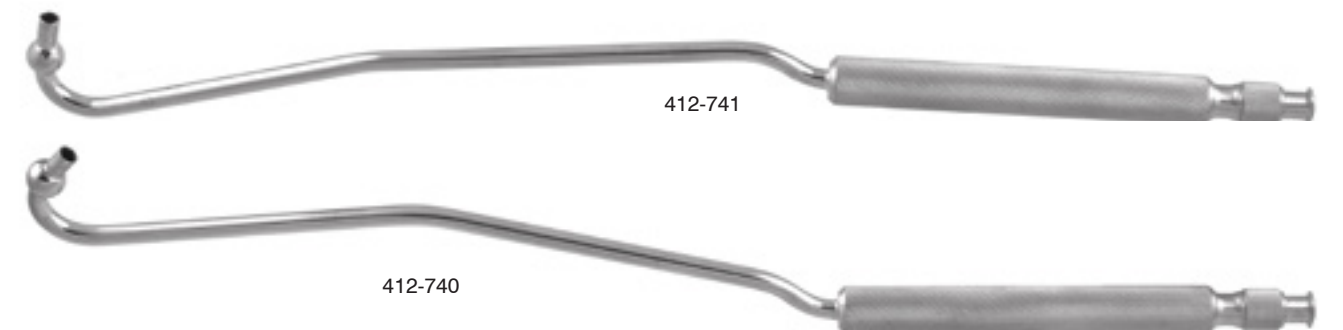
- 412-815 4 mm end short curve
- 412-810 4 mm end full long curve
- 412-805 3 mm end short curve
- 412-800 3 mm end long curve



**Sontec Perfusion Cannula Suction**

**For pediatric Use**

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



**Coupland Suction Set**

6 1/2" (16.5 cm)

412-672-SET

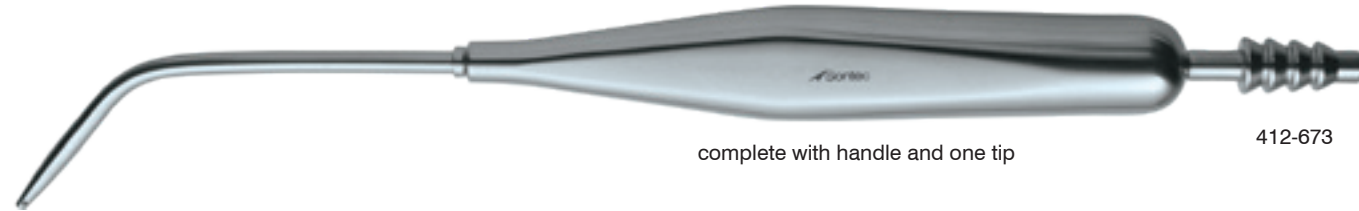
set includes:

- 412-673 tip #1 1.5 mm wide
- 412-674 tip #2 2.0 mm wide
- 412-675 tip #3 2.5 mm wide
- 412-676 tip #4 3.5 mm wide
- 412-672H handle



handle only

412-672H



complete with handle and one tip

412-673



412-676



412-675



412-674



412-673

**Pashley Pipe Suction Tube Holding Device**

1463-461



1463-461



 Sontec Instruments®

ENT SAWS

**Joseph Bone Saw**

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

1100-466



1100-466

**Joseph Bayonet Bone Saw**

Single-ended / single-sided / 8" (20.5 cm)

345-255 right

345-256 left

345-257 set: including one right & one left



345-255



345-256

**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



 Sontec Instruments®

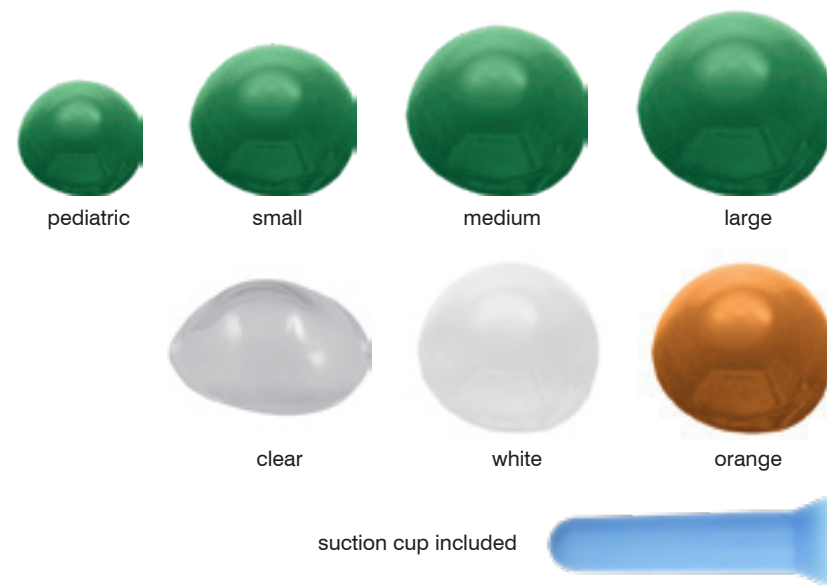
Eye OCULAR PLASTIC

**Corneal Eye Shield**

Sterilize by ETO only / green is the normal stock color, to order other colors please specify when minimum quantity is 4 each

1100-409PG	pediatric	15.5 mm x 16.5 mm
1100-409SG	small	20.5 mm x 22.5 mm
1100-409MG	medium	24.5 mm x 22.5 mm
1100-409LG	large	24.5 mm x 26.5 mm

- \* Color order key: W=White / O=Orange / C=Clear
- \* Colors: clear, white, green, or orange
- \* Please be specific when ordering



**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
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18-8022



18-8026



18-8022B

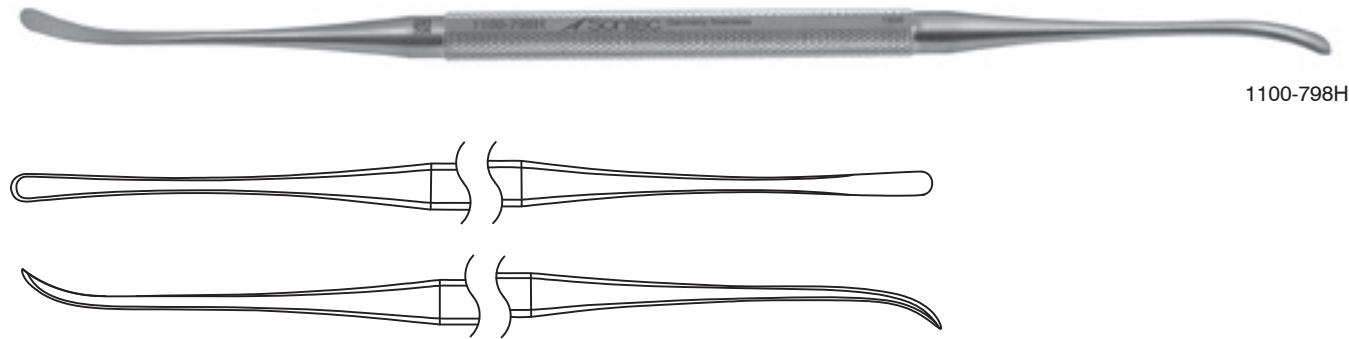


T18-8023

**Freer Periosteal Elevator**

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

1100-798H

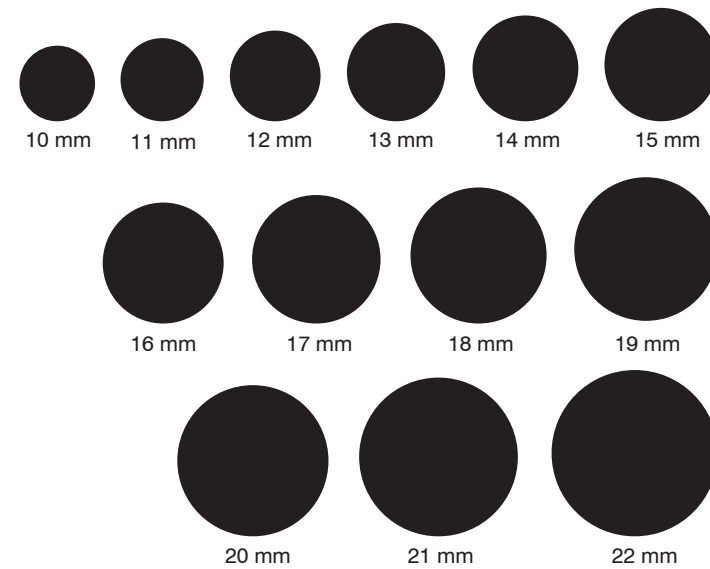


1100-798H

**Silicone Eye Implants**

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

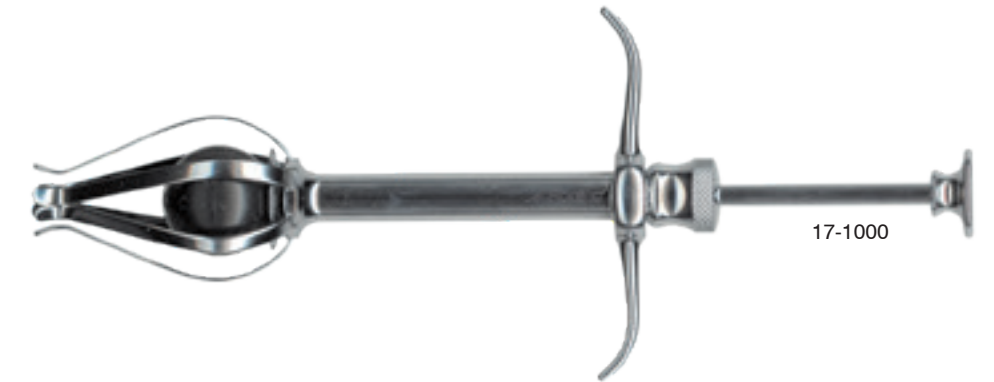
- 1100-411-10 10 mm
- 1100-411-11 11 mm
- 1100-411-12 12 mm
- 1100-411-13 13 mm
- 1100-411-14 14 mm
- 1100-411-15 15 mm
- 1100-411-16 16 mm
- 1100-411-17 17 mm
- 1100-411-18 18 mm
- 1100-411-19 19 mm
- 1100-411-20 20 mm
- 1100-411-21 21 mm
- 1100-411-22 22 mm
- 1100-411-23 23 mm
- 1100-412-24 24 mm
- 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

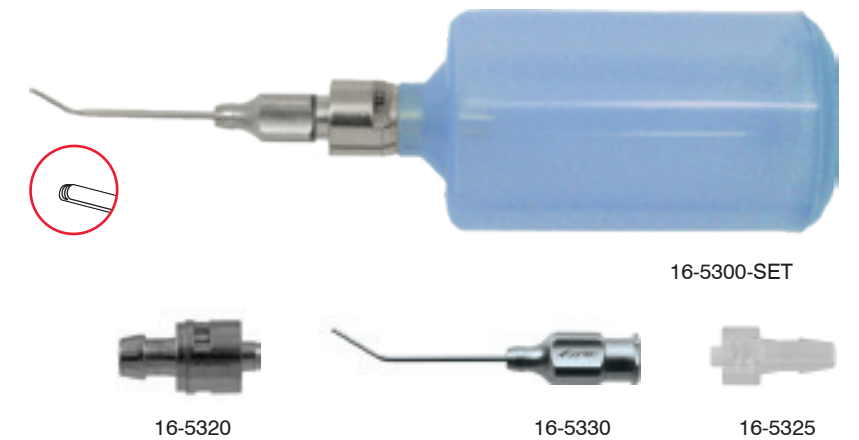


17-1000

**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)



16-5300-SET

16-5320

16-5330

16-5325

**Lacrimal Cannula**

**Reinforced shaft / 23 gauge**

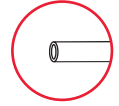
16-3300 straight  
16-3310 curved



16-3310

**Straight / 23 gauge / 25 mm length**

16-3290

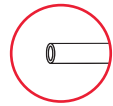


16-3290

**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

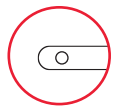


16-3350

**Lacrimal Cannula**

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

16-3346

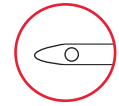


16-3346

**Shahinian Lacrimal Cannula**

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

16-3314

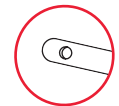


16-3314

**McIntyre Lacrimal Cannula**

**0.3 mm dual sideports / 23 gauge**

16-3320 straight  
16-3330 curved

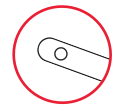


16-3330

**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



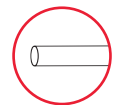
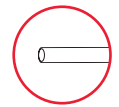
16-3820

**Angled / 7 mm tip**

16-3821 27 gauge  
16-3826 30 gauge



16-3821



**Jaeger Lid Plate**

**Stainless**

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

**Titanium**

10-4540

laser finish



10-4520



10-4521

laser finish



10-4522



10-4525



10-4530



10-4540

**Sewall Orbital Retractor**

**Double ended / 7mm curved / 3.5mm curved**

10-3890



10-3890

### 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



10-3100-SET

### 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



10-3314

### Schepens Scleral Depressor

With thimble / black

- 10-3800 small #8
- 10-3810 medium #10
- 10-3820 large #12



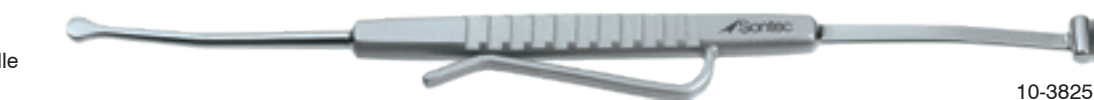
10-3800

10-3820

### Scleral Depressor

Double-ended / with clip

- 10-3825
- T10-3825 titanium
- T10-3840 titanium handle



10-3825



T10-3825



T10-3840

### 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



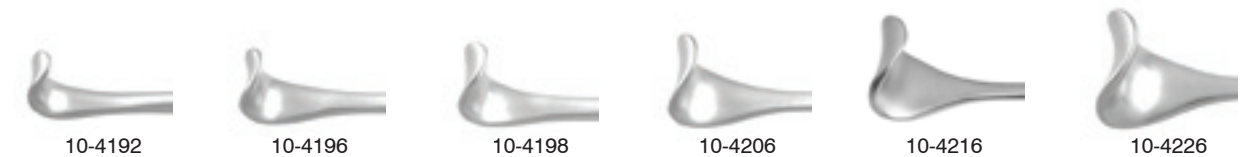
10-4223

- 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

### 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

**Eye Ribbone Retractor**

Malleable / 4 1/4" (11 cm)  
10-5400 stainless

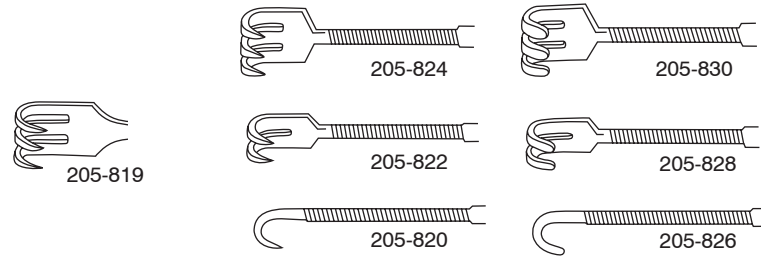


10-5400

**Flexible Neck Hook Retractor**

5" (13 cm)  
205-819 sharp 3 prongs

6" (15 cm)  
205-820 sharp 1 prong  
205-826 blunt 1 prong  
205-822 sharp 2 prongs  
205-828 blunt 2 prongs  
205-824 sharp 3 prongs  
205-830 blunt 3 prongs



205-822



205-828

**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

**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

**Paul Skin Rake Retractor**

Blunt / 5" (12.5 cm)  
199-490



199-490

**Helveston Tissue Retractor**

2 mm wide / curved blade  
10-5480 stainless  
T10-5480 titanium



T10-5480

**Helveston Tissue Retractor**

Single ended / curved / flat handle / 5"  
10-5487 7 mm  
10-5489 9 mm  
10-5491 11 mm

Single ended / curved / flat handle / titanium / 5"  
T10-5487 4 x 7 mm  
T10-5489 4 x 9 mm  
T10-5491 4 x 11 mm



10-5487



10-5489



10-5491



T10-5487



T10-5489



T10-5491

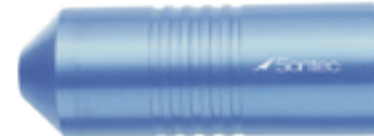
**Algerbrush II Corneal Rust Ring Remover Burr**

**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



**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

**House Curette**

**Double-ended / 5 3/4" (14.5 cm)**

- 199-133 both ends cvd 1.5 mm x 1.2 mm micro tip



199-133

**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



199-129



199-131



199-132

**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



199-130



199-136

**Davis Brain Spatula**

Malleable / 7" (18 cm)

- 412-770 1/4"
- 412-771 3/8"
- 412-772 1/2"
- 412-773 5/8"
- 412-774 3/4"
- 412-775 1"
- 412-776 1 1/4"
- 412-777 1 1/2"



412-770



412-771



412-772



412-773



412-774



412-775

**Davis Brain Black Silicon Spatula**

Silicone coated / malleable / 7" (18 cm)

- 412-766 small 6 mm & 10 mm
- 412-767 medium 9 mm & 15 mm
- 412-768 large 11 mm & 20 mm
- 412-769 x-large 14 mm & 25 mm



412-766



412-767



412-768

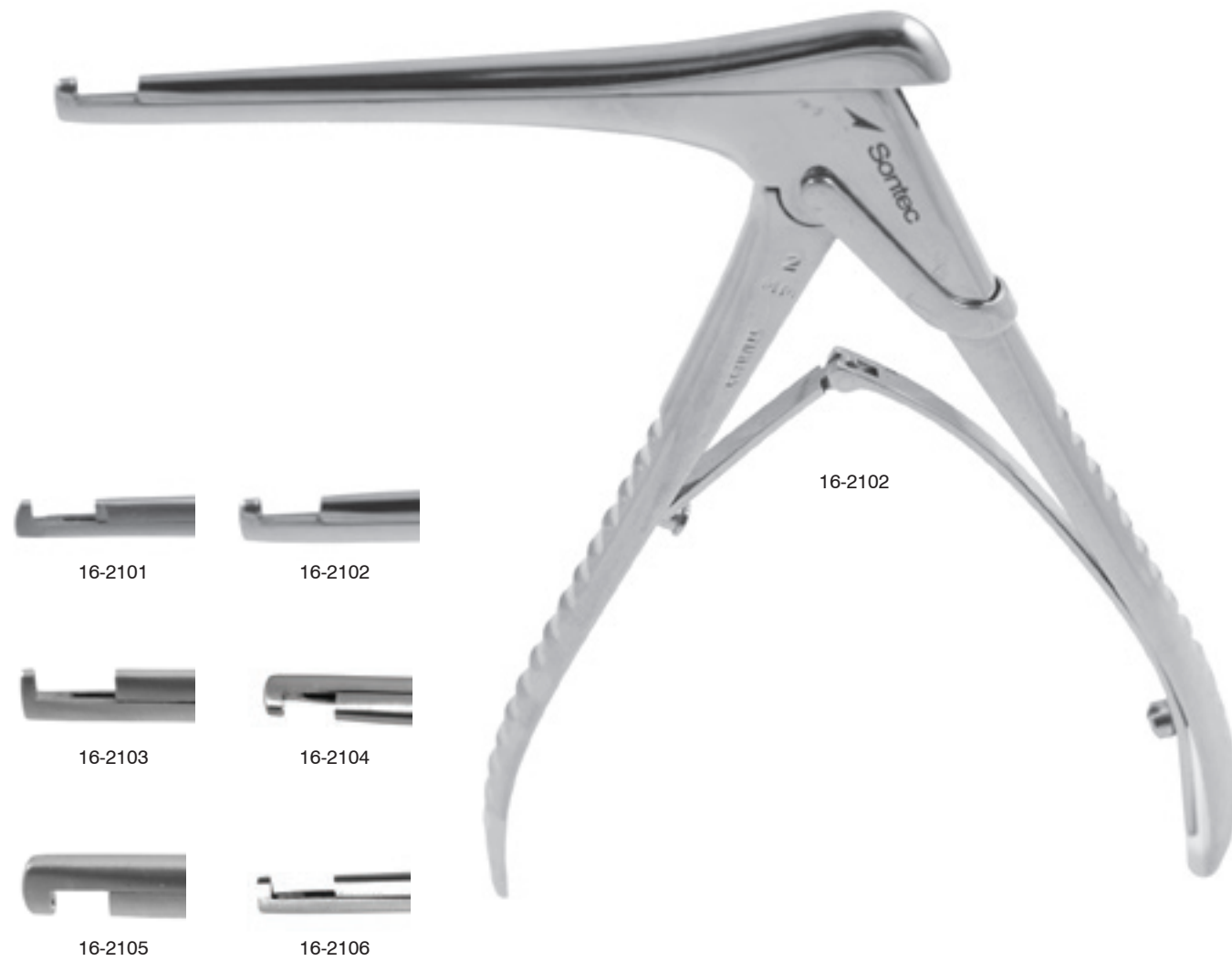


412-769

**Kerrison Punch (Occular-plasti) 90° Rongeur**

4" (10 cm) shaft

- 16-2100 1.0 mm wide up
- 16-2101 1.5 mm wide up
- 16-2102 2.0 mm wide up
- 16-2106 2.5 mm wide up
- 16-2103 3.0 mm wide up
- 16-2104 3.0 mm wide down
- 16-2105 4.0 mm wide down

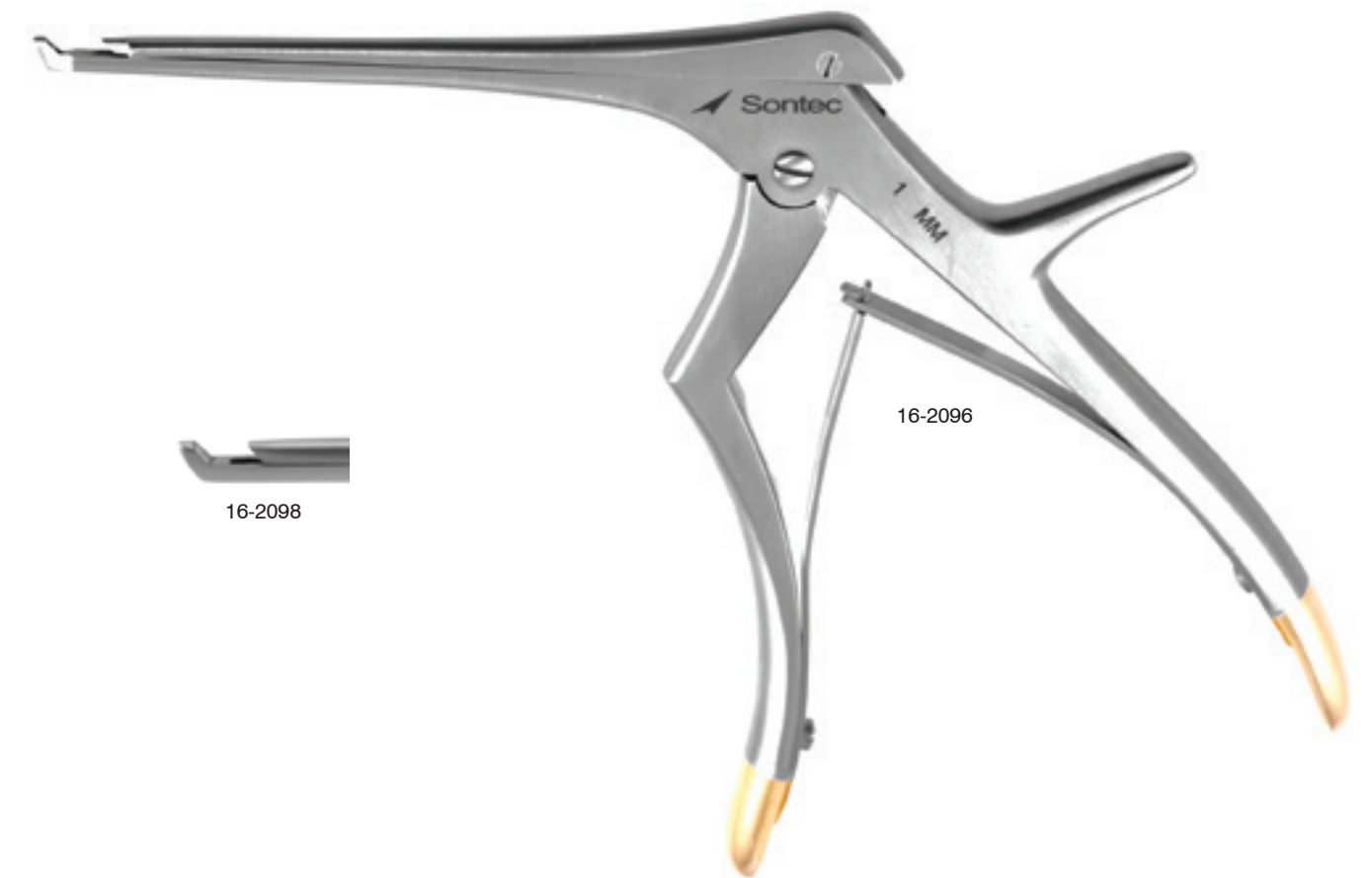


**Kerrison Punch (Occular-plasti) 40° Rongeur**

4" (10 cm) shaft

- 16-2096 1.0 mm wide
- 16-2097 1.5 mm wide
- 16-2098 2.0 mm wide
- 16-2099 3.0 mm wide

		Bite Width	
40° Up-Angle		1 mm	16-2096
		1.5 mm	16-2097
		2 mm	16-2098
		3 mm	16-2099



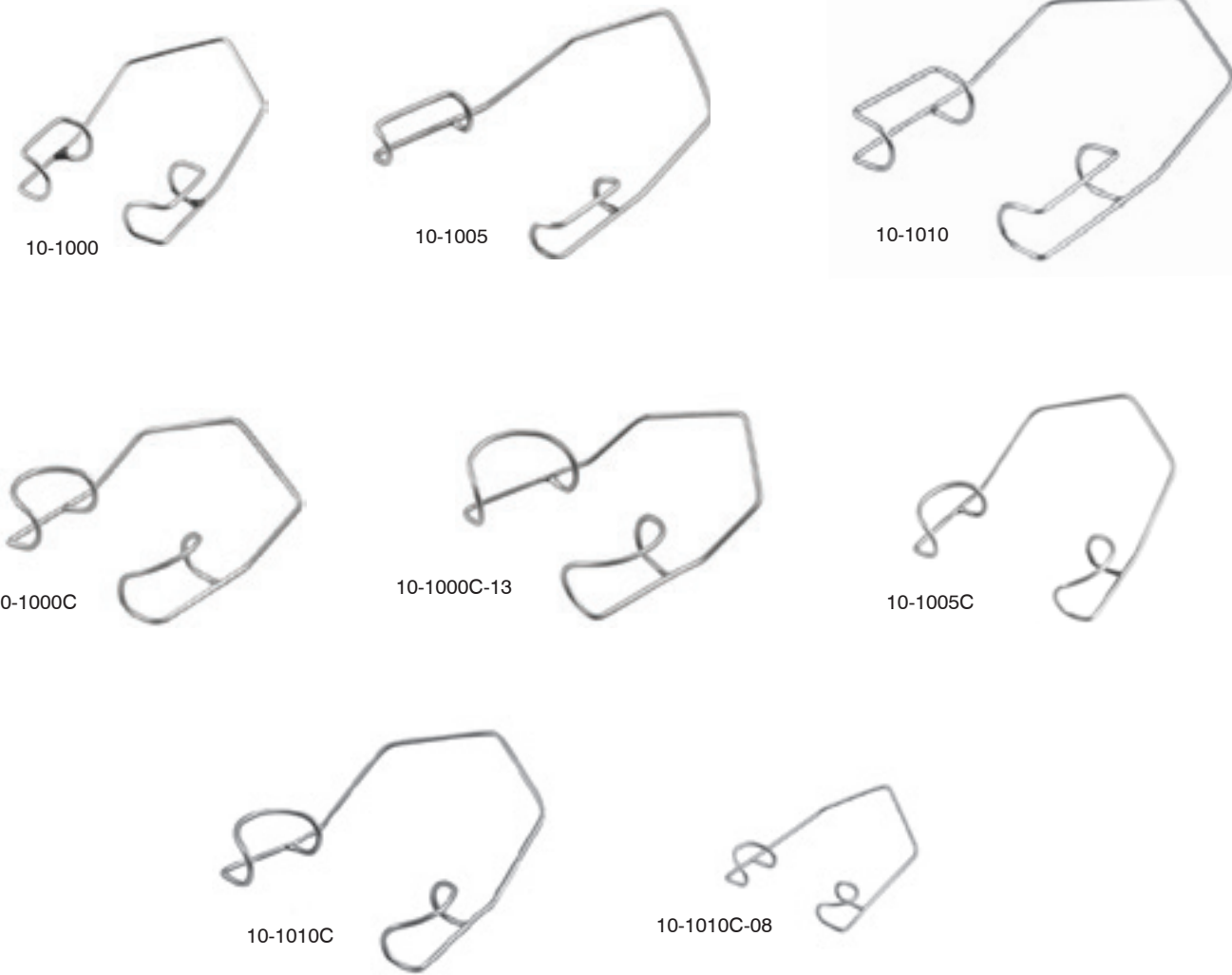
**Barraquer Wire Speculum**

**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**

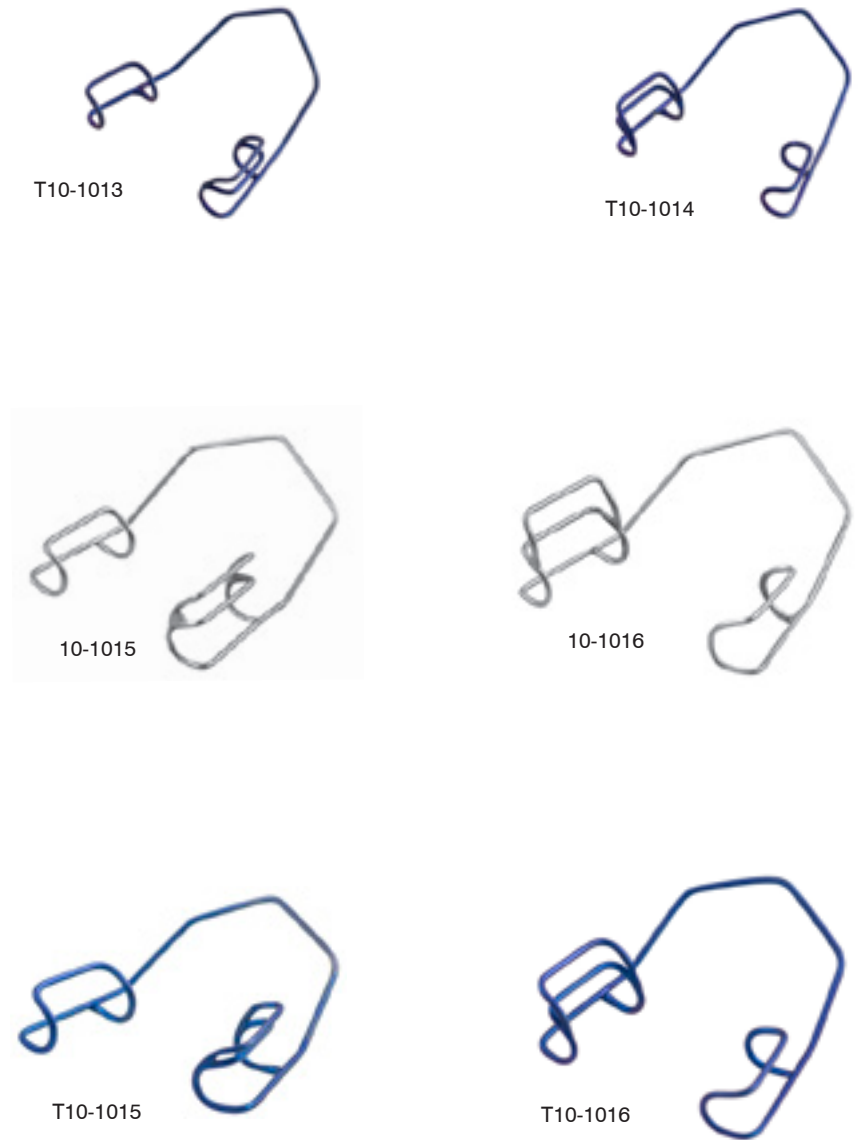
10-1000C	10 mm blade	15 mm spread small	
10-1000C-13	13 mm blade	10 mm spread	
T10-1000C	10 mm blade	15 mm spread small	titanium
10-1005C	12 mm blade	18 mm spread medium	
10-1010C	14 mm blade	18 mm spread large	
10-1010C-08	8 mm blade	16 mm spread	
T10-1010C	14 mm blade	18 mm spread large	titanium



**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



**Barraquer Wire Speculum**

**Solid blades**

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



10-1020

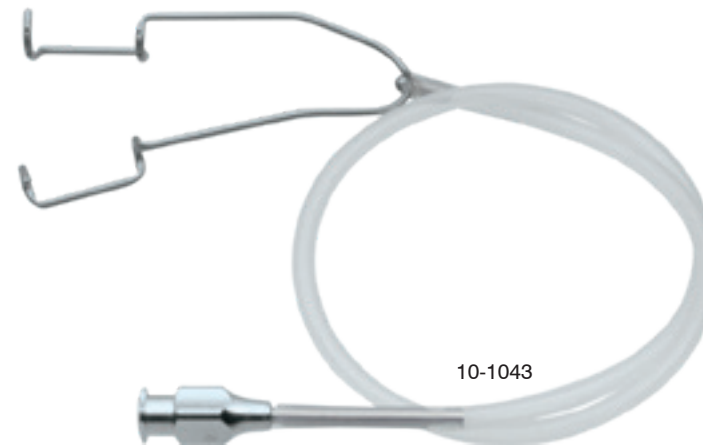


10-1030

**Kratz Aspirating Wire Speculum**

**V-shaped blades**

10-1043	open blades
10-1062	closed blades



10-1043

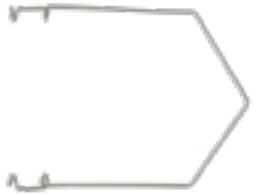
**Kratz-Barraquer Wire Speculum**

**Open blades / stainless steel**

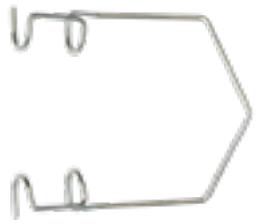
10-1054	4 mm blades
10-1053	8 mm blades
10-1055	10 mm blades
10-1050	15 mm blades

**Open blades / titanium**

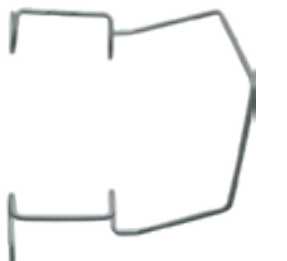
T10-1054	4 mm blades
T10-1053	8 mm blades
T10-1056	10 mm blades
T10-1051	15 mm blades



10-1054



10-1053



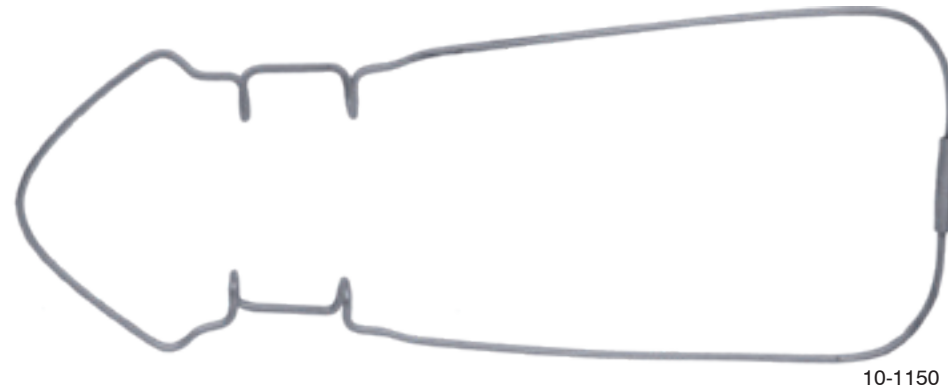
10-1055



T10-1051

**McKee Eye Speculum**

Malleable  
10-1150



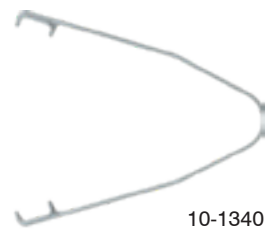
10-1150

**Barraquer Infant Wire Speculum**

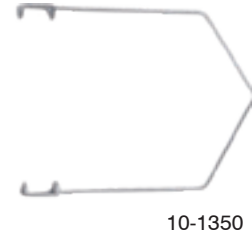
Closed wire blades / gently curved springs / v-shaped  
10-1340 4 mm blades

**Closed wire blades**

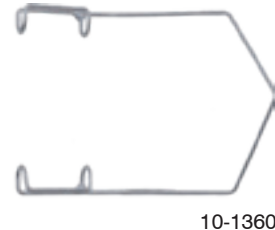
10-1350 4 mm blades 30 mm total length  
10-1360 8 mm blades  
10-1360H 8 mm blades heavy



10-1340



10-1350



10-1360



10-1360H

**Sauer Lid Speculum**

**Solid blades**

10-1300 for infants  
10-1300S for premature infants  
T10-1320 adult  
T10-1300S premature infants titanium



10-1300



10-1300S



T10-1320



T10-1300S

**Murdoch Eye Speculum**

Locking screw / open blades  
10-1420 small  
10-1422 large



10-1422

**Cook Eye Speculum**

**Non-magnetic / locking screw / Solid blades**

10-1400 very small  
10-1401 small  
10-1402 medium  
10-1403 large

**Non-magnetic / locking screw / Double bar**

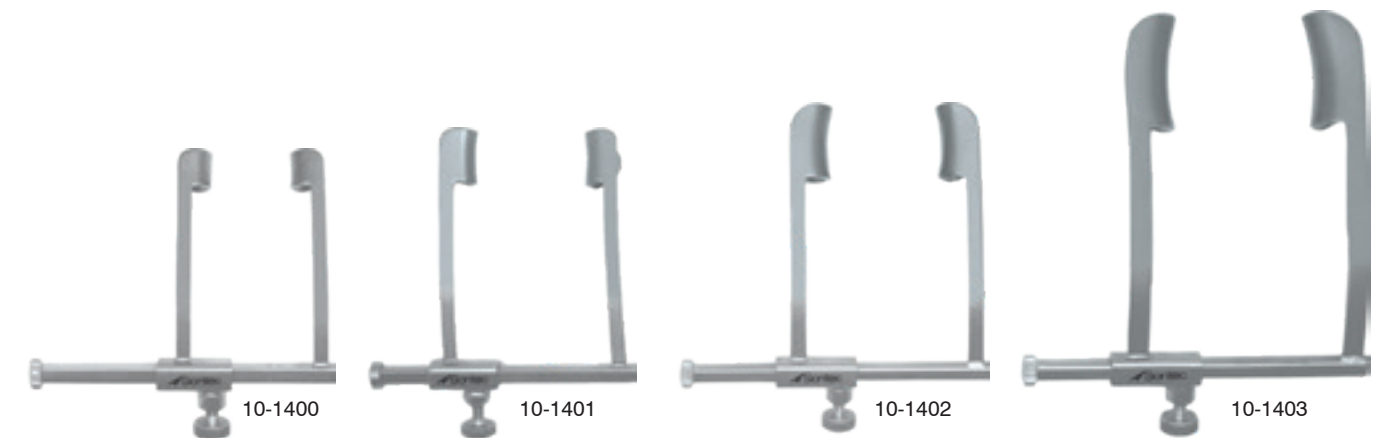
10-1404 small 11 mm  
10-1405 large 15 mm



10-1404



10-1405



10-1400

10-1401

10-1402

10-1403

**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



16-2580  
16-2570  
16-2560  
16-2550  
16-2540  
16-2530

**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



16-2579  
16-2581  
16-2583  
16-2585  
16-2587  
16-2589

**Catalano Lacrimal Intubation Set**

Includes 2 blunt 0.7 mm diameter probes attached to 30.5 cm long silicone tubing

16-2590



16-2590

**Jackson Lacrimal Intubation Set**

Includes 2 blunt 0.9 mm diameter probes attached to 30.5 cm long silicone tubing

16-2592

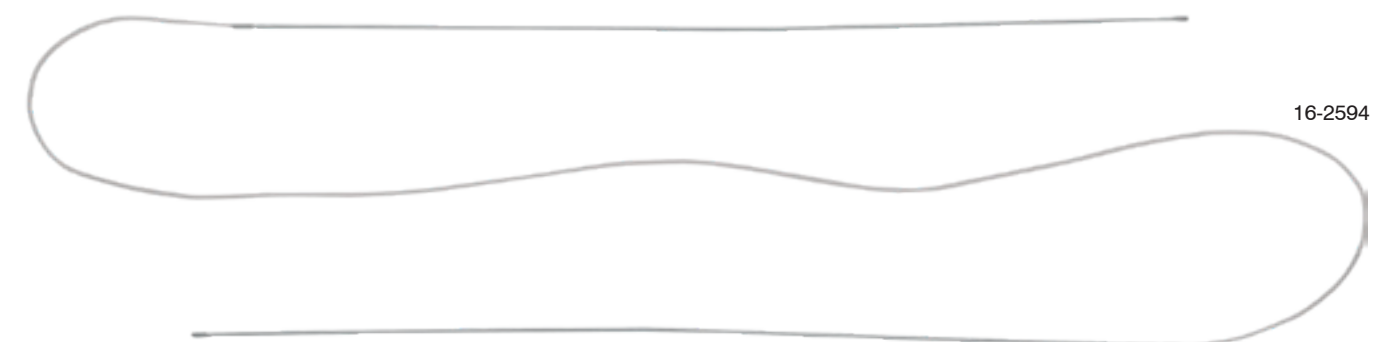


16-2592

**Crawford Lacrimal Intubation Set**

Includes 2 olive tip 0.6 mm diameter probes attached to 30.5 cm long silicone tubing

16-2594

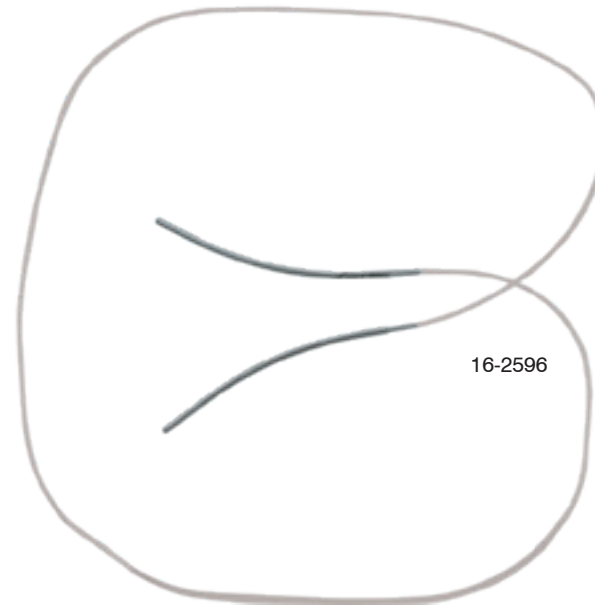


16-2594

**Bodian Lacrimal Probe Set**

Includes 2 curved blunt 1.0 mm diameter probes attached to 30.5 cm long silicone tubing

16-2596



**Pigtail Lacrimal Probe Dilator**

15 mm tip w/holes

16-2600



16-2600

**Castroviejo Lacrimal Dilator**

Double-ended

16-2510



16-2510

**Infant Lacrimal Dilator**

Single-ended

16-2440



16-2440

**Wilder Lacrimal Dilator**

Single-ended

16-2460 fine, #1

16-2470 medium, #2

16-2480 heavy, #3



16-2460



16-2470



16-2480

**Muldoon Lacrimal Dilator**

Single-ended / graduated blunt tip

16-2500



16-2500

**Lockhart Mummery 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



 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

**Collin Lucae Mallet**

Solid head / 210 grams / 30mm Ø / 8 1/4" (21 cm)

330-818



330-818

**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



 Sontec Instruments®

Orthopedic SINGLE ACTION RONGEURS

**Mini Neuro Rongeur**

5 1/2" (14 cm)

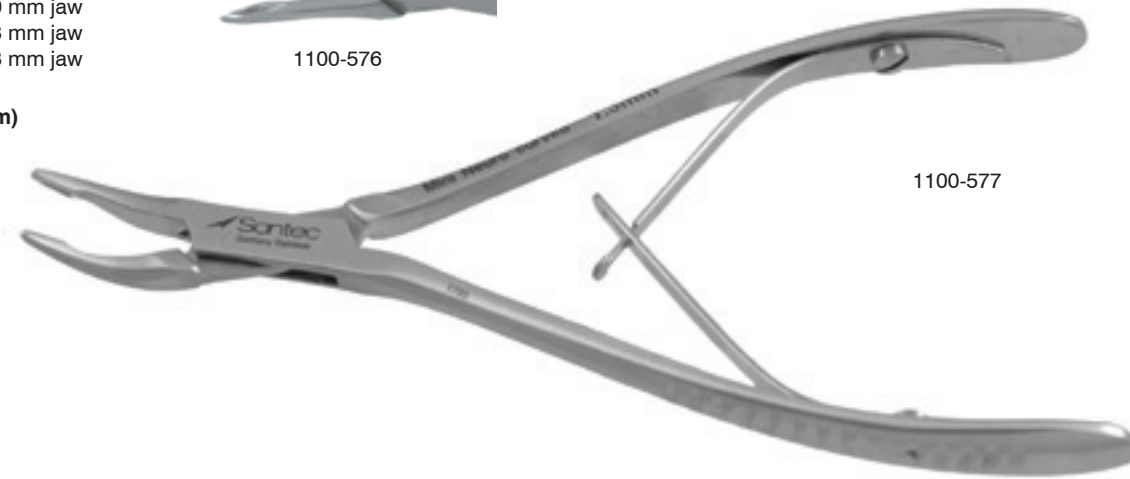
- 1106-080 str 0.75 mm jaw
- 1106-082 cvd 0.75 mm jaw
- 1106-084 str 1.0 mm jaw
- 1106-086 cvd 1.0 mm jaw
- 1100-577S str 1.3 mm jaw
- 1100-577 cvd 1.3 mm jaw



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

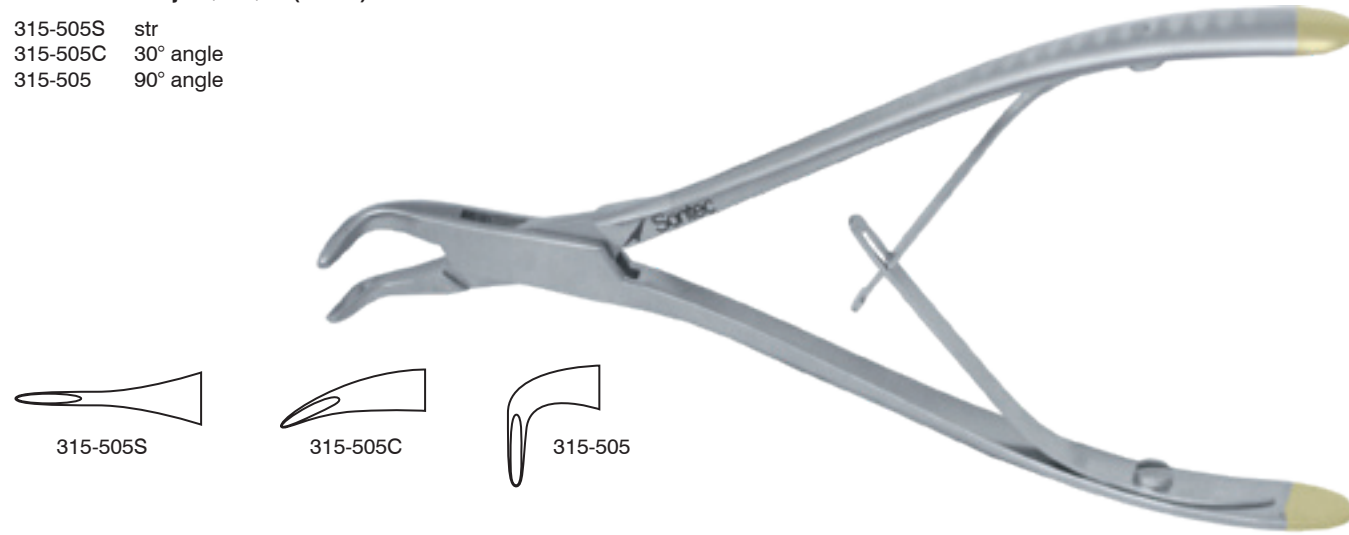


315-580

**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

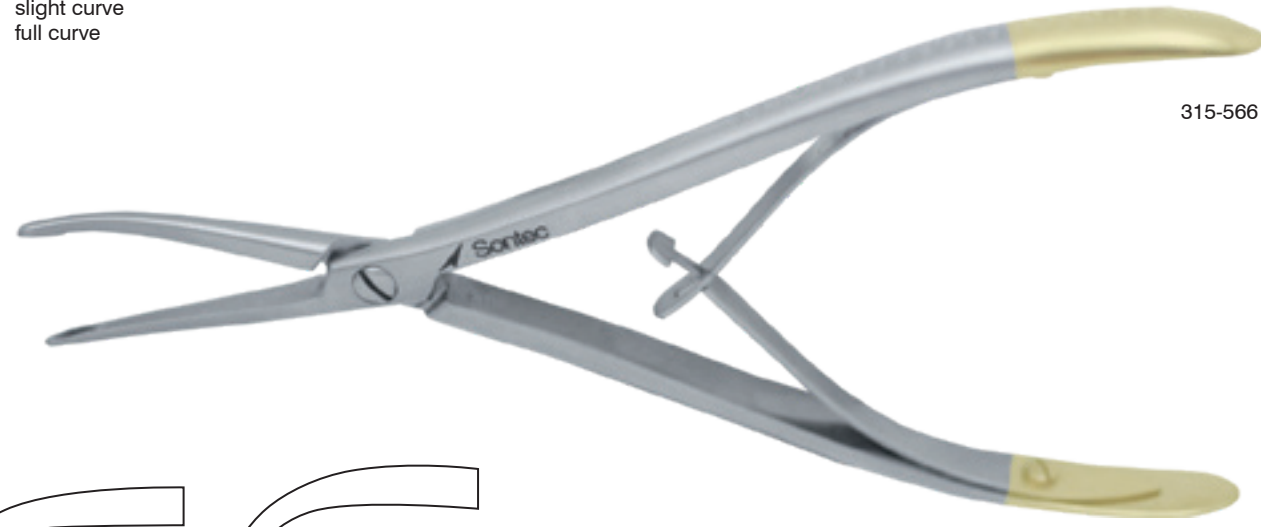


1103-230

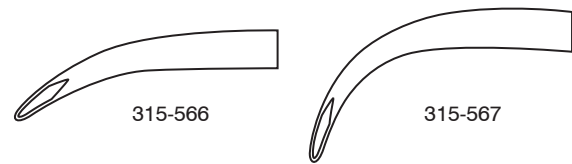
**Stellbrink Rongeur**

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



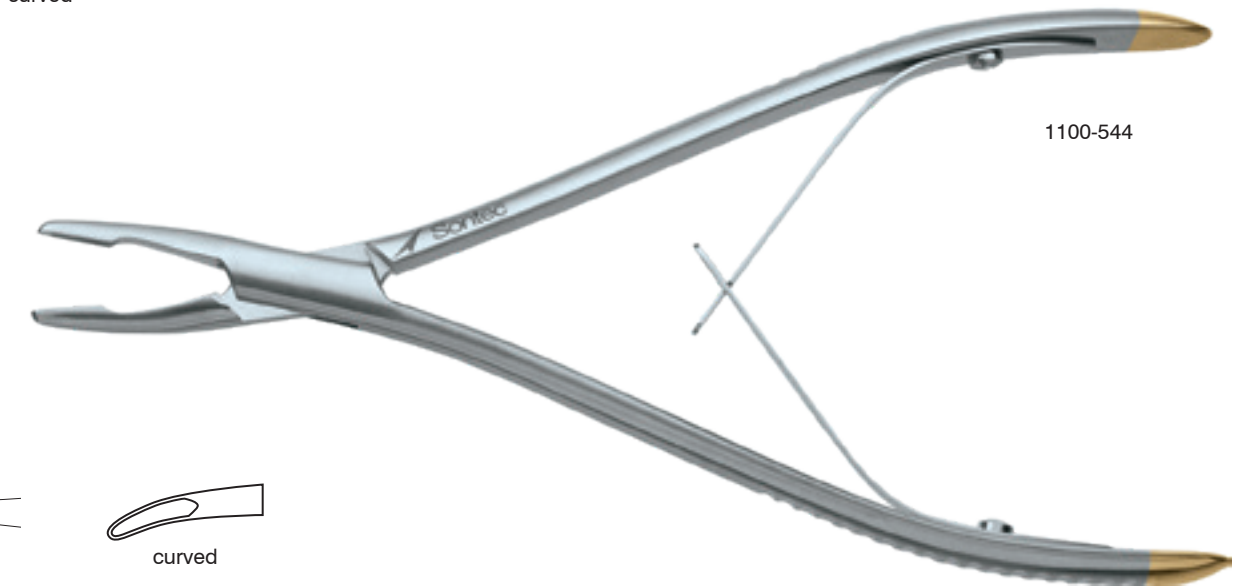
straight

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)

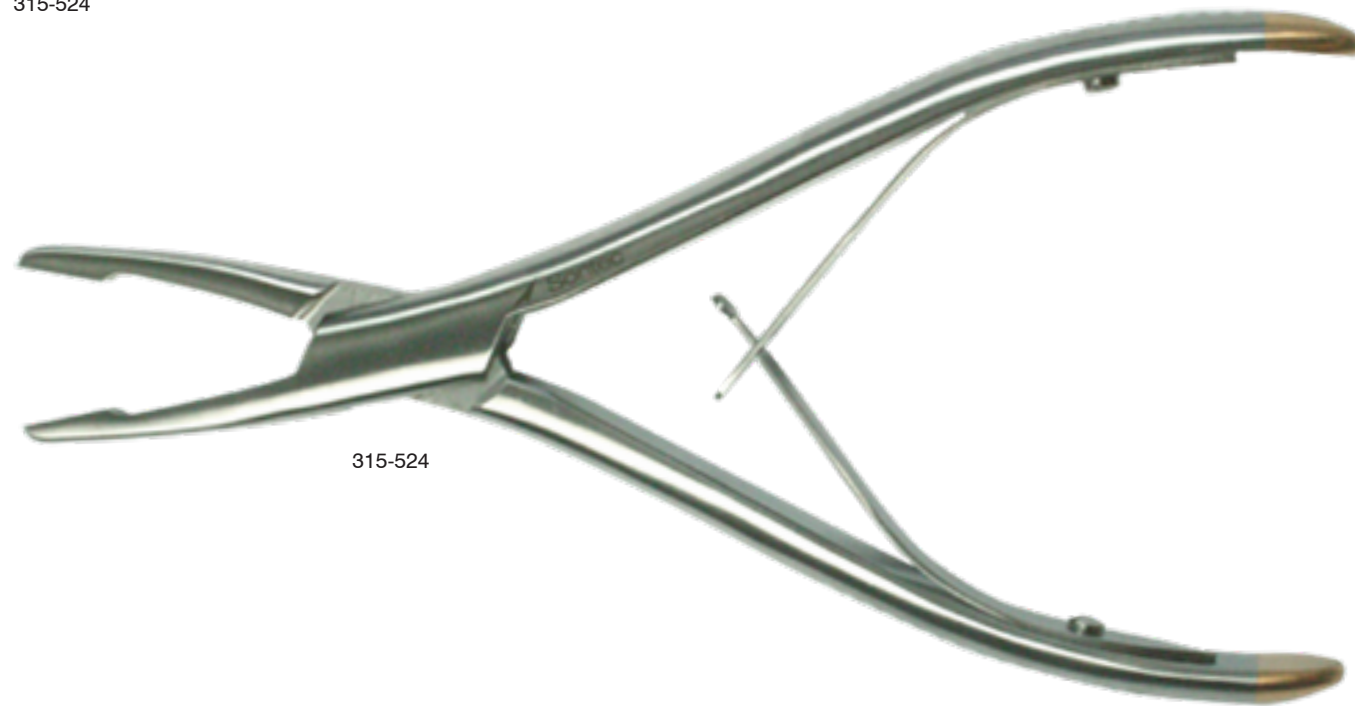


315-527

**Defourmentel Rongeur**

Straight / 7" (18 cm)

315-524



315-524

**Bacon Duckbill Rongeur**

Single-action / curved to side / 4.5 mm x 14 mm jaw / 8" (20 cm)

315-569



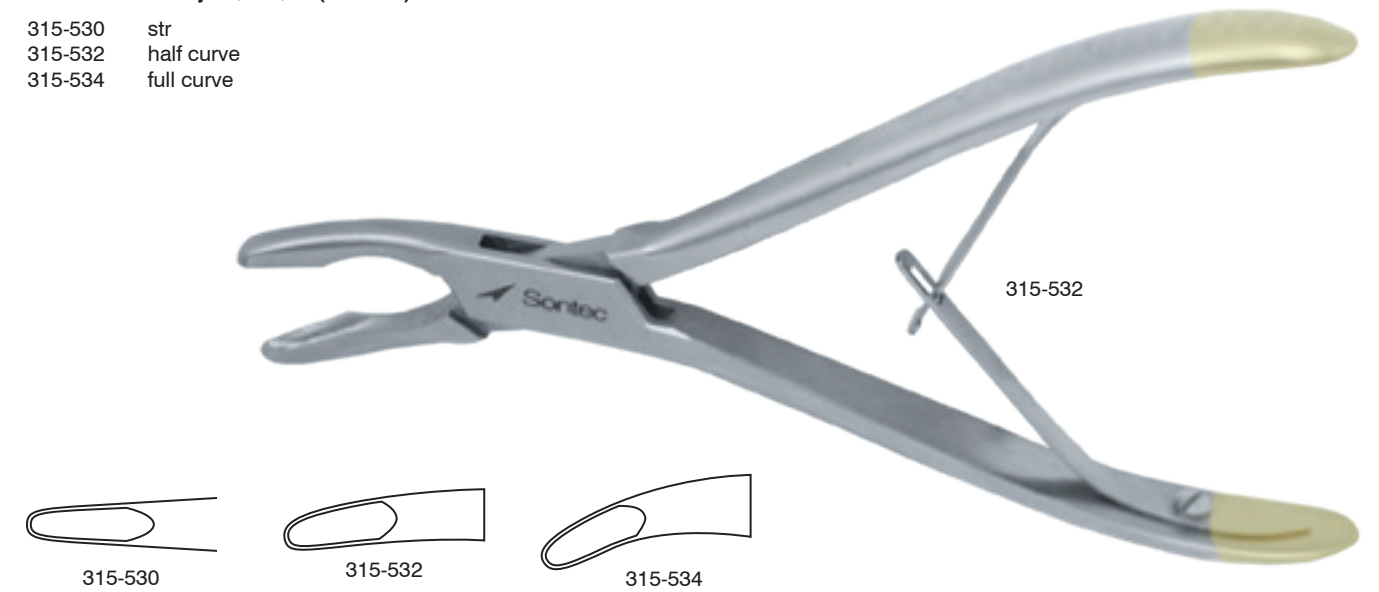
315-569



**Hartman Rongeur**

4.5 mm x 12 mm jaw / 5 3/4" (14.5 cm)

- 315-530 str
- 315-532 half curve
- 315-534 full curve



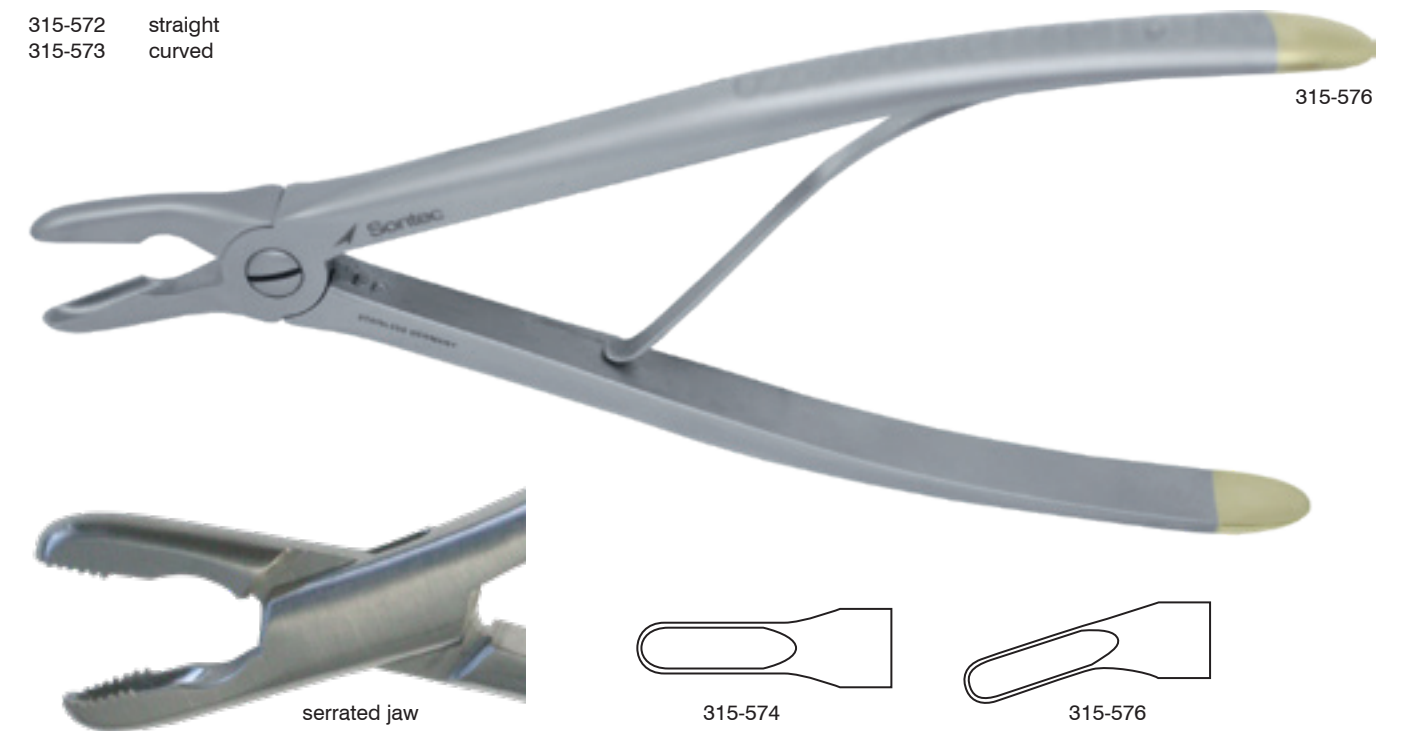
**Cushing Rongeur**

6 mm x 14 mm jaw / 8" (20.5 cm)

- 315-574 straight
- 315-576 curved

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 MINIMAL INVASIVE SURGICAL INSTRUMENTATION**  
FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



1. Hook Scissors 4.5 mm / 1271-470
2. Kerrison Endoscopic / 404 6062SE
3. Weldon 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 / 13-6600
7. Micro Scissors Large Gauge / 13-6710
8. Micro Neuro Bayonet Scissors / 2800-016

**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.

**Sontec Instruments®**

Colorado / USA / 800.821.7498

A TRADITION OF FINE SURGICAL INSTRUMENTS

www.Sontecinstruments.com

9. MIS Scissors 15' Axial / 2800-930
10. MIS Cannula Trocar / 2000-117
11. Atraumatic Forceps 3 mm / 2901-201
12. Axial Handle with Spring and Ratchet / 2901-076
13. Atraumatic Forceps 5 mm / 2901-245S
14. Axial Ring Handle / 2901-070
15. Dissecting Forceps without Ratchet / 2100-903

**BALANCING INSTRUMENTATION**  
FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



1. Micro 1x2 Tying Forceps / 14-2830
2. Dual Purpose Delicate Tissue Forceps / 2200-079
3. NEW Micro Fracture Pick / 1271-317
4. Micro Level Osteotome / 200-792M
5. NEW MIS 300° Micro Grasper / 2900-013
6. NEW Ortol Grasp Retractor Right / 1100-6280
7. NEW Ortol Grasp Retractor Left / 1100-6282
8. Equine Eye Speculum / 10-1704
9. Eye Speculum / 10-1702
10. NEW Ceramic Matzenbaum Scissors / 1200-9192
11. NEW Ceramic Micro Tips Scissors / 1200-907
12. Deluxe Extra Large Needle Holder / 1100-1100
13. Deluxe Micro Needle Holder / 132-982

**Small Animal  
Equine  
Minimal Invasive Surgery  
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Ophthalmology  
Joint Surgery  
and on and on...**

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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 Membrane Punch 1.0 mm - 11-9270
4. 0.12 Collet with Angled Teeth - 14-2820
5. Fine Stitch Scissors - 13-4500
6. Marshall 0.3 mm Forceps - T14-3000
7. Serrine Clamp - 14-9240
8. Desmarres Lid Retractor - 10-4200
9. Maslet Capsulohexis Forceps - 14-5364
10. Rizzoli Iris Retractor and Lens Expresor 2 mm - 12-4800
11. Castroviejo TC Needle Holder - 15-1910
12. Bishop Heimon Forceps 0.5 mm - T14-3805
13. Silicone Eye Sphere
14. Pomon Enucleation Scissors - 508-822
15. Micro Interocular Biopsy Forceps - 14-7751
16. 7° Ceramic TCP/PC Madsenbaum Scissors - 1200-915
17. Full Curved Iris Forceps 1 x 2.0 mm - 14-455
18. Singer Capsule Squee/Pelsher - T12-2900
19. Gemard Fixation 1 x 2 Forceps 0.5 mm - 14-5200E
20. Cook Speculum Medium - 10-1402
21. Grade Scissors - 190-550
22. Serrin Clamp Medium - 14-9907
23. Eye Shield Plastic - 1100-429M
24. Suction Cup (for above lens) - 18-8028
25. Tissue Forceps Bipolar Nonstick - 2700-864MS



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7. Plastic Eye Shield - 1100-429L
8. Thopce Caliper - 12-8400
9. Eye Shield Set - 18-8028
10. Serrine - 14-9905
11. Castroviejo Retractor - 10-1701C
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15. Barnauer Speculum - T10-1010
16. Kaye Scissors - 1200-072
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18. Micro Alligator - 469-040
19. Sheppard Lens Forceps - T14-6940
20. Wilder Lens Loop - 12-4402
21. 20 Gauge Vitrectomy Scissors - 13-9900
22. Grife Fixation Forceps - 14-5122
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- 6. Westcott 13-3306
- 7. Desmarres 10-4220
- 8. Kahn Face Lift Scissors 475-175



- 9. Eye Shield 1100-409M
- 10. Eye Shield Pair 18-8020
- 11. 2 mm 40° Kernsch 404-491
- 12. Desmarres Electro Blue 14-9608
- 13. Bipolar Suction Forceps 2700-817
- 14. Joseph 16-2210
- 15. 0.5 Castroviejo 14-2820
- 16. Cottle 6 mm 330-849C

- 17. Puttmann 714-9400
- 18. Jewellers 14-6940
- 19. Mini Neuro 1106-086
- 20. Silicon Eye Spheres 1100-411-23
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- 22. Stevens 1200-497
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- 2. 0.5 Bishop Harmon - T14-3805
- 3. Ceramic Stevens - 1200-690
- 4. Jewellers #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 Blinkherst - 16-3107B
- 13. Strabismus Power Cut - 1200-023
- 14. Manhattan 0.3 - T14-3060

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4. Straight - 404-7671 / 2.5 mm x 10 mm jaw cup / 5 1/2" (14 cm) shaft
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3. Micro Axial Bayonet Scissors 2900-022
4. 3 mm Tumor Grasping Forceps 400-075
5. Jacob Bayonet Needle Holder TC Round Handle Curved Jaws 400-229
6. Bayonet Foreminotomy Kerison 404-468
7. Micro Axial New Large Gauge Handle Needle Holder 2900-004
8. Suction Monopolar Silver Non-Slick 2700-554NS

9. Neuro Jacobson Scissors 2400-6900
10. Dissector 412-550T
11. Axial Curette 320-886D
12. Dissecting Suction Elevator 478-360
13. Dissecting Suction Elevator 2700-310
14. Brain Spatula 2 mm 412-779
15. Elevator with Suction 478-375
16. Dissector Curette 412-547T
17. Dissector Wax Packer 412-549

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- 1. Bandage Scissors / 1200-660
- 2. Metzenbaum / 1200-615 3. Freeman / 1200-670
- 4. Dissector 45° / 413-003 5. Micro Hook / 413-010
- 6. 5 mm Hook 90° / 413-017 7. 7 mm Probe 45° / 413-018
- 8. Curved Dissecting Spatula / 413-004 9. Baby Metzenbaum / 1200-622
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- 5. Adson 5-Hole Forceps - 2700-608NS 6. Metzenbaum Scissors 2700-5331
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- 360° 8-point rotation
- Built in ejector pin on all shaft designs

1. 5 mm 40° 404-6085
2. 3 mm 40° 404-6083
3. 2 mm 90° 404-6072
4. 1 mm 40° 404-6081
5. Endoscopic Shaft 2.5 mm 40° 404-60825E
6. Beatty Foamotomy
7. Beatty Foamotomy  
Curved Down 2 mm 40° 404-6082C
8. Beatty Foamotomy  
Curved Up 2 mm 40° 404-6082
9. Universal Klick Kerrison Handle 404-606
10. Endoscopic Shaft 3 mm 40° 12 1/2" 404-6088E
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# ELITE WIRELESS LED HEADLIGHT

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



Wrap around rear cranial support on headband for added comfort. Removable if needed



Easy change battery fixture holds one battery while the backup is charging

Rheostat control  
0-30,000 Lux  
at 16"/40 cm  
working distance

100-5500

Removable / sterilizable  
lever to safely adjust  
beam direction

Battery indicator /  
Low battery indicator

Rheostat for spot  
variability 20-110 mm  
at 16"/40 cm working  
distance

Ideal color  
temperature  
at 4,500° K

Sold with 2 batteries, each with  
4 hours of power at 100% output  
and a lightweight carrying case

Designed to remove shadows  
in complex surgical operations

- Cardiovascular
- Orthopedic
- Spinal
- Abdominal

**Sontec Instruments®**

# UNIVERSAL KERRISON SET

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



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

**Sontec Instruments®**

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 LED<sup>HQ</sup> 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

**LED<sup>HQ</sup>**  
 LED NOW IN HEINE QUALITY.



HR 2.5x High Resolution Binocular Loupes. Achromatic optics for crisp, bright images.

Product update: **HEINE® MicroLight 2**

Ultralight, universal headlight.

For those who need a compact, lightweight illumination solution without magnification, we offer the MicroLight 2. Featuring LED<sup>HQ</sup> 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**  
 7248 S. Tucson Way  
 Centennial, CO 80112  
 USA Headquarters  
 Heine USA



AUTHORIZED DEALER

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