

# Atlas Eye Instruments


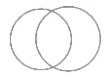























2023 Catalog

"Quality is in our hands..."



**ATLAS**<sup>®</sup>  
EYE INSTRUMENTS

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### Barraquer Wire Speculum

**AE1 00-01**

Small - Blade Length: 10mm

**AE1 01-01**

Extra Heavy wire, 15mm Blades

**AE1 01-02**

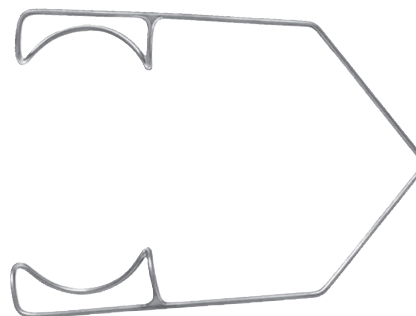
Heavy Wire, 15mm Blades

**AE1 01-03**

Standard Wire, 15mm Blades

**AE1 01-04**

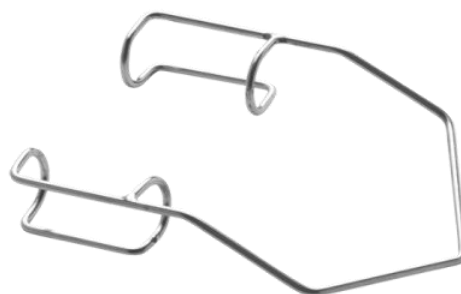
Infant size, 9mm Blades



### Barraquer Heavy Wire Speculum

**AE1 00-02**

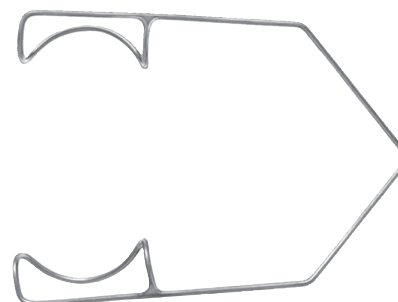
Adult Size - Blade Length: 14mm



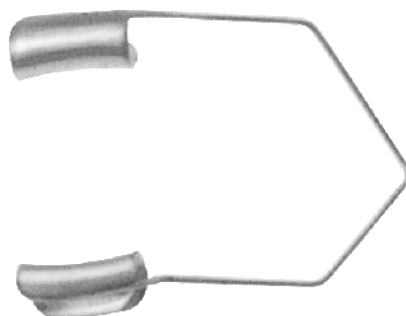
### Barraquer Heavy Wire Speculum

**AE1 01-07**

Standard wire - Blade Length : 15 mm

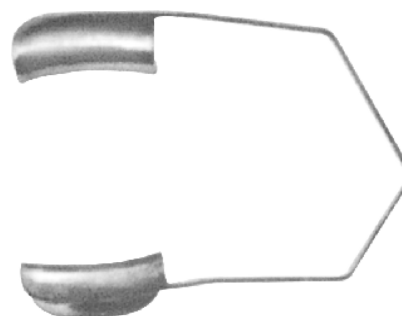


### Barraquer Speculum with Solid Blade



**AE1 00-03**

Blade Length: 11mm

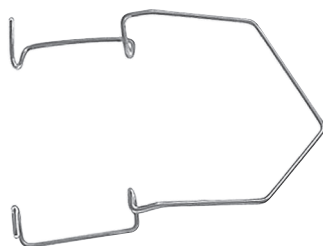


**AE1 00-04**

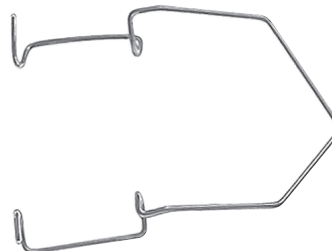
Blade Length: 15mm

### Kratz-Barraquer Heavy Wire Speculum with Open Blade

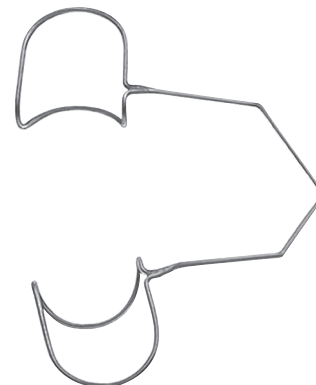
Easy Access to the Cataract Incision with Phacoor I/A Tip



**AE1 00-05**  
Small- standard wire, 15mm blades



**AE1 00-06**  
Large-standard wire, 13mm blades

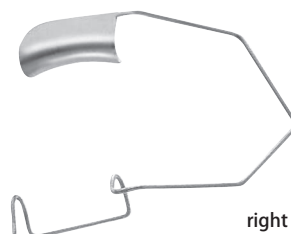


**AE1 01-05**  
13mm blades

### Wire Speculum

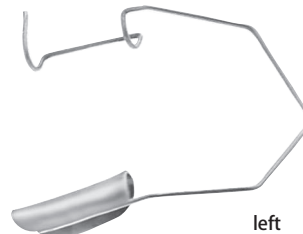


**AE1 00-07**  
Temporal  
Spring toward Nasal Side



right

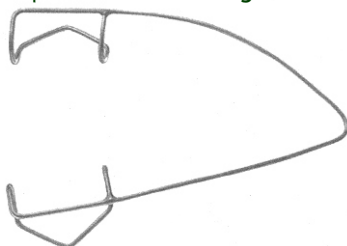
**AE1 00-08**  
Kratz-Barraquer  
Blade Length: 15mm



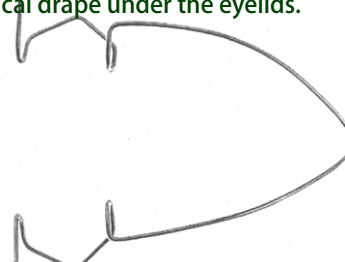
left

### McIntyre Wire Speculum

Gently curved springs  
V-shaped blades are designed to retain surgical drape under the eyelids.

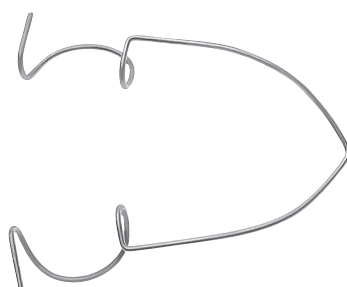


**AE1 00-09**  
Closed Wire: 13mm Blades



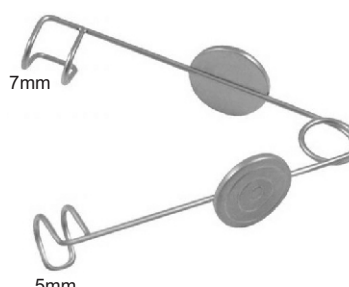
**AE1 00-10**  
Open Wire: 13mm Blades

### Nevyas Wire Speculum



**AE1 01-08**  
16 mm Blades

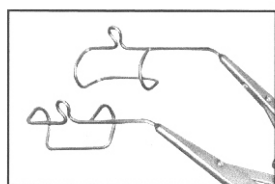
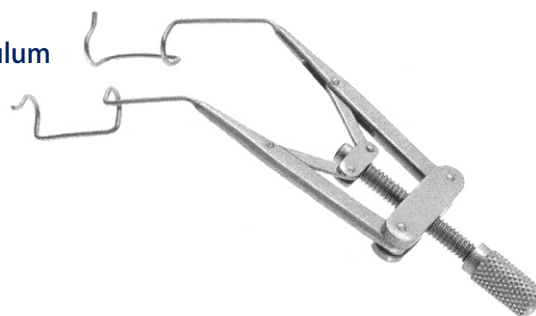
### Frankel Infant Lid Speculum



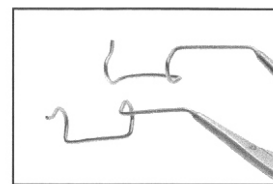
**AE1 00-12**  
One Blade 5mm, One Blade 7mm

## Lieberman Style Wire Speculum

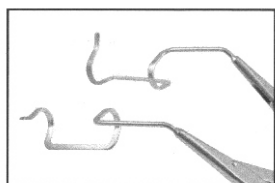
**AE1 00-13**  
**AE1 00-13T**  
 Adjustable Mechanism  
 Blades Length: 15mm,  
 K-wire, Standard



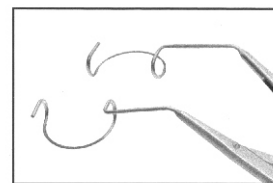
**AE1 00-14**  
**AE1 00-14T**  
 Blades Length: 15mm  
 with Traction Suture Anchor Posts



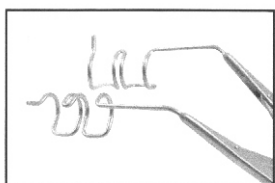
**AE1 00-15**  
**AE1 00-15T**  
 Blades Length: 10mm, K-wire, Small



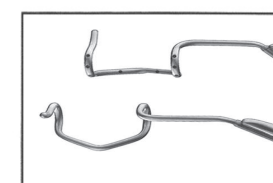
**AE1 00-16**  
**AE1 00-16T**  
 Blades Length: 15mm, K-wire, Flattened



**AE1 00-17**  
**AE1 00-17T**  
 Blades Length: 11mm, Rounded



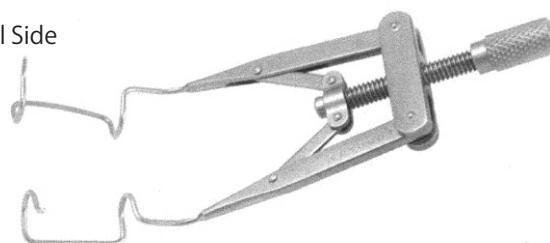
**AE1 00-18**  
**AE1 00-18T**  
 Blades Length: 13mm, Triple Post



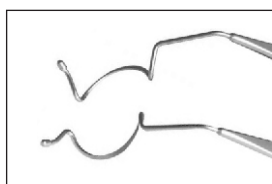
**AE1 00-19**  
**AE1 00-19T**  
 Blades Length: 15mm, V-shaped

## Lieberman Temporal Approach Speculum

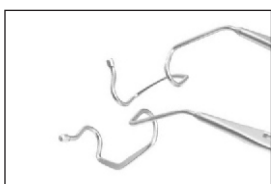
**AE1 00-20**  
**AE1 00-20T**  
 Adjustable Mechanism on Nasal Side  
 Open Wire Blades  
 Blades Length: 15mm



**Double-X Speculum**  
**AE1 00-21**  
 Blade 15mm, K-wire, Small



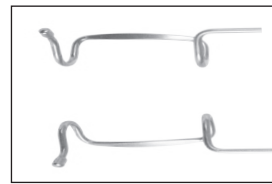
**AE1 00-22**  
 Blade 10mm, Chu-wire



**AE1 00-23**  
 Blade 15mm, V-wire



**AE1 00-24**  
 Blade 15mm, Solid Blades

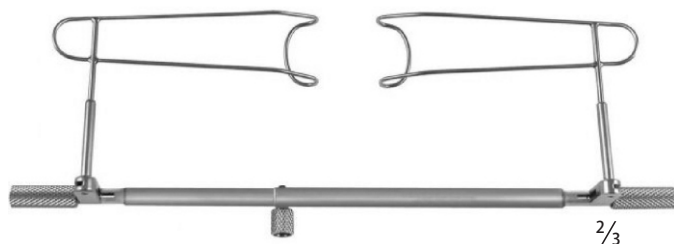


**AE1 01-09**  
 Blade 10mm, K-wire

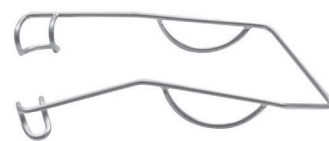
**Castroviejo Eye Speculum**  
**AE1 00-25**  
 Blade 14mm, Adjustable Mechanism



**Schott Eye Speculum**  
**AE1 00-26**  
 16mm wire blades



**Infant Eye Speculum**  
**AE1 00-11**  
 Interlacing 3mm & 5mm blades



**Murdoch Eye Speculum**  
With Locking Screw



**AE1 00-27**  
Blades Length: 12mm



**AE1 00-28**  
Blades Length: 15mm

**Cook Eye Speculum**  
With Locking Screw



**AE1 00-29**  
Blades Length: 8mm



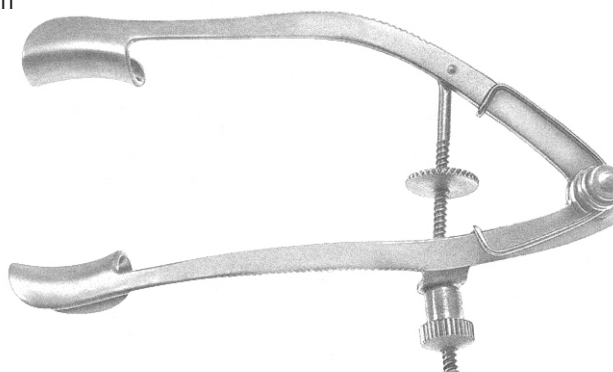
**AE1 00-30**  
Blades Length: 11mm



**AE1 00-31**  
Blades Length: 15mm

**Lancaster Eye Speculum**

**AE1 00-32**  
Adjustable Mechanism  
with Locking Nut  
Blades Length: 16mm

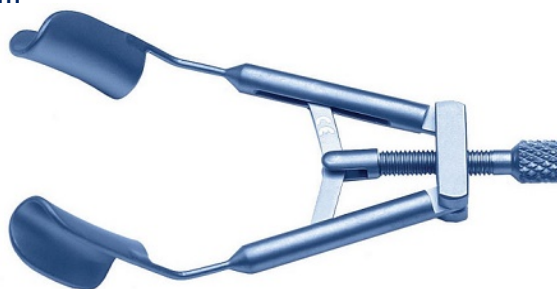


Lieberman Eye Speculum

**AE1 00-33**

**AE1 00-33T**

Solid Blades, Adjustable



Kraff Eye Speculum

**AE1 00-34**

**AE1 00-34T**

Nasal Solid Blades, Adjustable

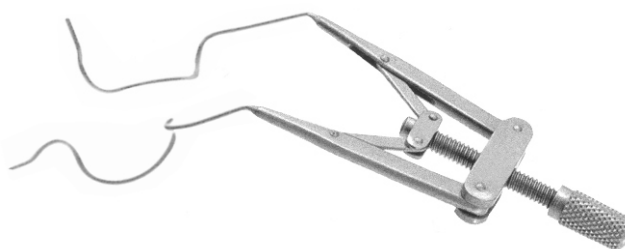


Slade LASIK Speculum

**AE1 00-35**

**AE1 00-35T**

Blade Length: 17mm



Kraff Nasal LASIK Speculum

**AE1 00-36**

**AE1 00-36T**

Blade Length: 19mm

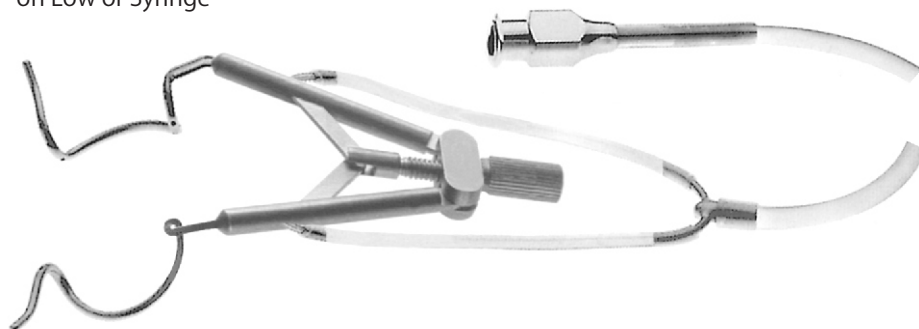




**Slade Aspirating LASIK Speculum**

**AE1 00-37**

Used with Suction Set  
on Low or Syringe



Blade Length: 17mm

**Machat-Buratto Aspirating LASIK Speculum**

**AE1 00-38**

Used with Suction Set  
on Low or Syringe

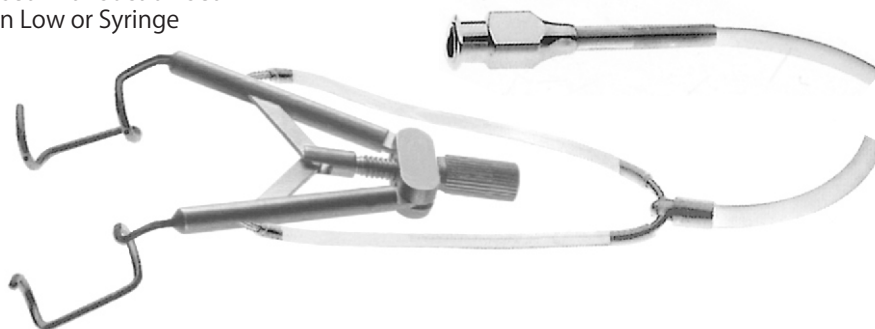


Blade Length: 15mm

**Lieberman Aspirating Speculum**

**AE1 00-39**

Used with Suction Set  
on Low or Syringe

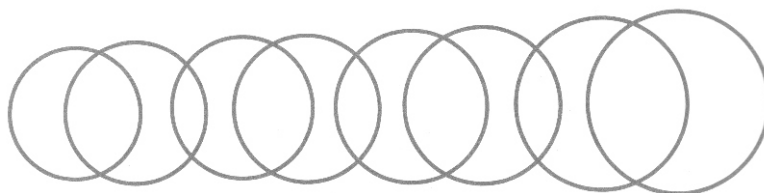


Blade Length: 15mm

### Flieringa Scleral Fixation Ring

**AE2 10-40**

Set of eight: 15mm - 22mm



### Schepens Scleral Depressor

7mm Wide Tip



**AE2 10-41**  
Small Thimble

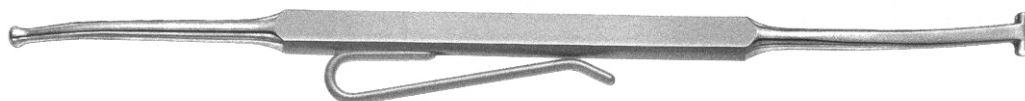
**AE2 10-42**  
Medium Thimble

**AE2 10-43**  
Large Thimble

### Schocket Scleral Depressor

**AE2 10-44**

Double ended with  
Pocket clip



### Jaeger Lid Plate

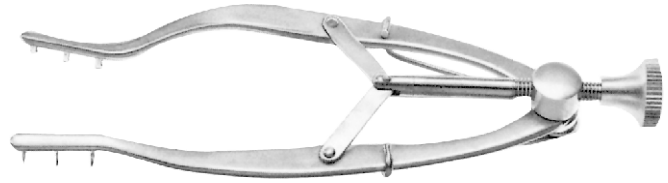
**AE2 10-45**



### Stevenson Lacrimal Sac Retractor

**AE3 10-46**

Self-Retaining  
Adjustable



3 x 3 Blunt Prongs

### Stevenson Lacrimal Sac Retractor

**AE3 10-47**

Self-Retaining  
Adjustable



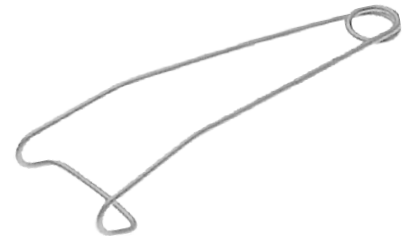
Solid Blades with Serrated Edge

### Jaffe Lid Retractor



**AE3 10-48**

Child, 9mm Blades (Pair)



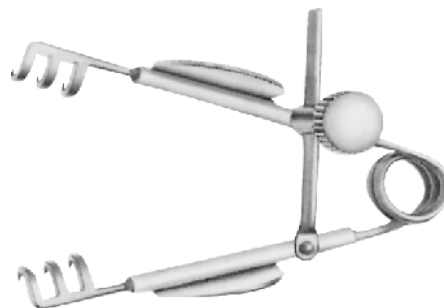
**AE3 10-49**

Adult, 14mm Blades (Pair)

### Agricola Lacrimal Sac Retractor

**AE3 10-50**

3 x 3 Sharp Prongs



## Knapp Lacrimal Retractor



**AE3 10-51**  
4-Prong, Blunt

**AE3 10-52**  
4-Prong, Sharp

## Desmarres Lid Retractor



**AE3 10-53**  
Size-0, 11mm

**AE3 10-54**  
Size-1, 13mm

**AE3 10-55**  
Size-2, 15mm

**AE3 10-56**  
Size-3, 17mm

## Schepens Orbital Retractor AE3 10-57



## Walton Conjunctiva Retractor

**AE3 10-58**

**AE3 10-58T**

Blade Length: 6mm wide, Solid Thin



## Helveston Tissue Retractor

Thin Curved Blade



**AE3 10-59**

**AE3 10-59T**

Blade Length: 7mm wide

**AE3 10-60**

**AE3 10-60T**

Blade Length: 9mm wide

**AE3 10-61**

**AE3 10-61T**

Blade Length: 11mm wide, Concave

## Castroviejo Caliper



**AE4 10-62**

**AE4 10-62T**

Straight, 20mm Spread

**AE4 10-63**

**AE4 10-63T**

Curved, 20mm Spread

## Braunstein Caliper



**AE4 10-64**

**AE4 10-64T**

3.0mm & 3.5mm

**AE4 10-65**

**AE4 10-65T**

3.5mm & 4mm

## Wright Fascia Needle

**AE4 10-66**

140mm Long, 1mm x 6mm Oval Hole



## Bowman Malleable Lacrimal Probe

**AE4 10-67**

Set of 6

**AE4 10-68**  
Size 0000 & 000



**AE4 10-69**  
Size 00 & 0



**AE4 10-70**  
Size 1 & 2



**AE4 10-71**  
Size 3 & 4



**AE4 10-72**  
Size 5 & 6



**AE4 10-73**  
Size 7 & 8



## Infant Lacrimal Dilator

**AE4 10-74**

**AE4 10-74T**

Very Fine Blunt Tip



## Muldoon Lacrimal Dilator

**AE4 10-75**

**AE4 10-75T**

Blunt Tip



## Wilder Lacrimal Dilator



**AE4 10-76**  
**AE4 10-76T**  
Size-1, Fine Taper

**AE4 10-77**  
**AE4 10-77T**  
Size-2, Medium Taper

**AE4 10-78**  
**AE4 10-78T**  
Size-3, Heavy Taper

**Castroviejo Lacrimal Dilator**  
**AE4 10-79**  
 Double-end fine and medium taper



**Pigtail Probe**  
**AE4 10-80**  
 With Suture Holes



**Harms Trabeculotomy Probe**



**AE4 10-81**  
 With Suture Holes  
 Left

**AE4 10-82**  
 With Suture Holes  
 Right

**Crawford Retrieving Hook**  
**AE4 10-83**

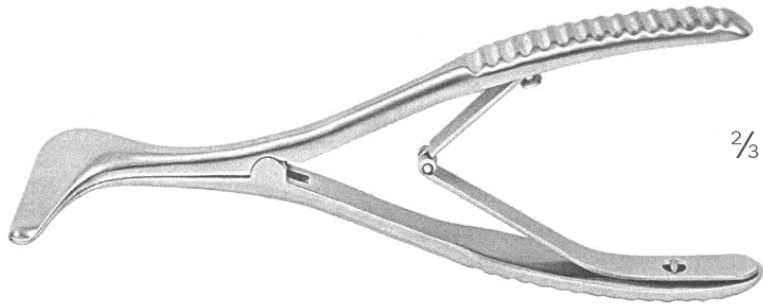


**Beyer Rongeur AE4 10-84**  
Single Action Curved, 3 x 16mm (17cm)



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**Nasal Speculum**



2/3

**AE4 10-85**  
Infant

**AE4 10-86**  
Child

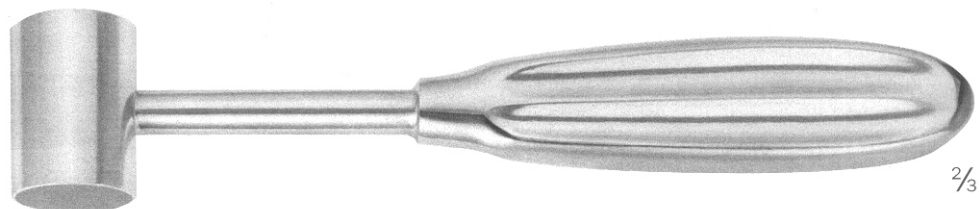
**AE4 10-87**  
Adult

**Joseph Periosteal Elevator AE4 10-88**  
Gently Curved Tip, 4mm (17cm)



3/4

**Mallet Lead Filled AE4 10-89**

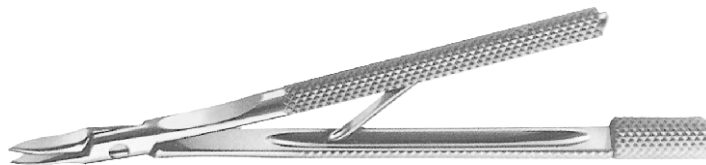


2/3



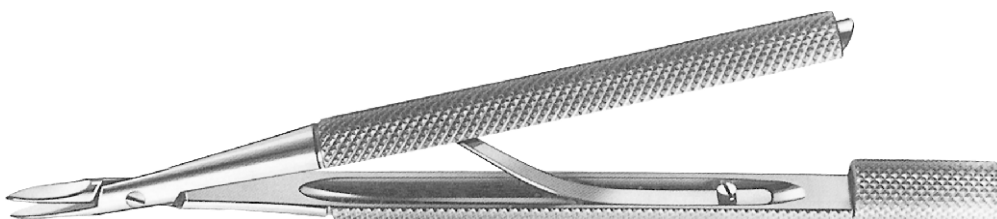
**Troutman Blade Breaker & Holder**

**AE5 10-90**  
**AE5 10-90T**  
 Small



**Castroviejo Blade Breaker & Holder**

**AE5 10-91**  
**AE5 10-91T**  
 Large

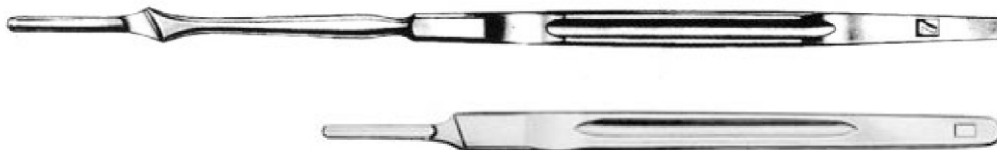


**Scalpel Handles**

**AE5 10-92**  
 Suitable for blades



**Scalpel Handles**



**AE5 10-93**  
 16.5cm

**AE5 10-94**  
 12cm

**Scalpel Handles**



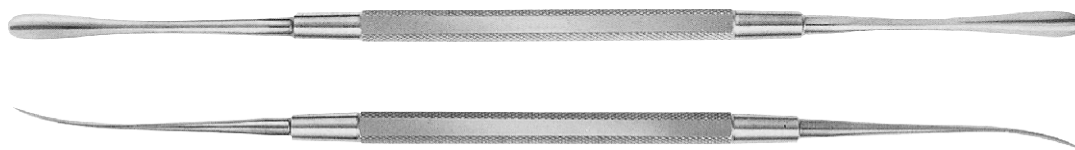
**AE5 10-95**  
 10cm

**AE5 10-96**  
 13cm

**Freer Periosteal Elevator**

**AE5 10-97**

One End Blunt & Other End Semi Sharp



**Stallard Dissector**

**AE5 10-98**



**Rollet Rugine**

**AE5 10-99**

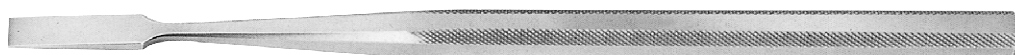
Blunt



**West Lacrimal Chisel**

**AE5 11-00**

Straight



**Feer Lacrimal Chisel**

**AE5 11-01**

Curved



**Tooke Corneal Knife**  
**AE5 11-02**  
 Straight with Curved Cutting Edge



**Corneal Dissector**



**AE5 11-03**  
 Straight Blade, Angled

**AE5 11-04**  
 Curved Blade, Angled

**Gill Corneal Knife**  
 Curved Cutting Edge



**AE5 11-05**  
 Straight

**AE5 11-06**  
 Light Curve

**DALK Lamellar Dissector**  
**AE5 11-07**  
 Semi-sharp dissector helps remove the stromal fibers



**Fukasaku "Hockey" Knife**  
**AE5 11-08**  
 Sharp 3mm Front Edge, Semi-sharp 6mm Bottom Edge



**Foreign Body Spud**

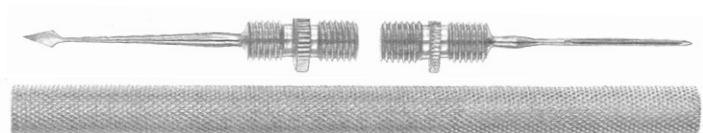


**AE5 11-09**  
 Angled, Lightly Round Tip

**AE5 11-10**  
 Angled, Flag Shaped Tip

**AE5 11-11**  
 Lightly Curved, Round Tip

**Spud & Gouge**  
**AE5 11-12**  
 Reversible Handle

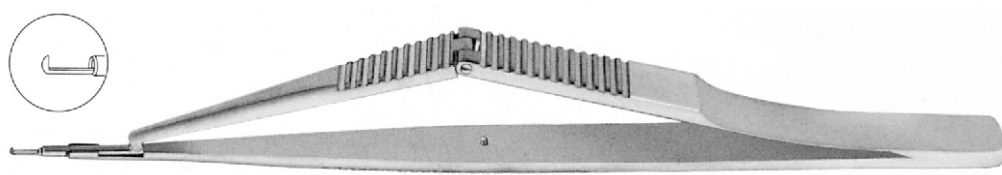


**Kelly Membrane Punch**

**AE5 11-13**

**AE5 11-13T**

0.8mm Dia. Tip

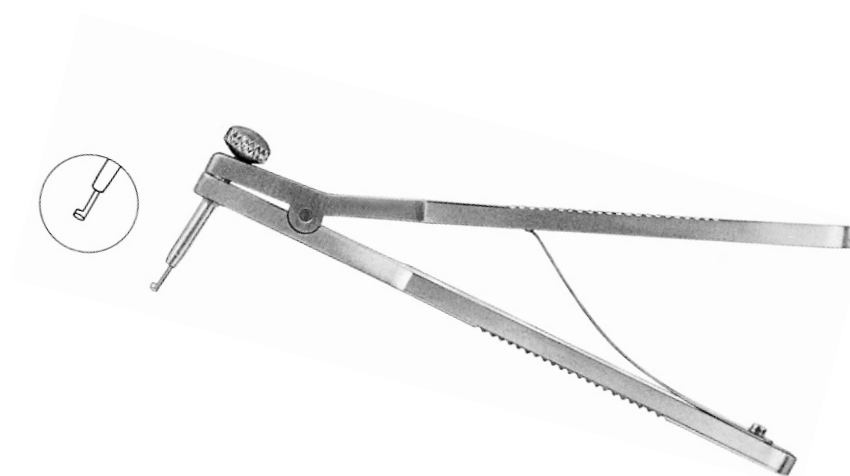


**Gass Corneoscleral Punch**

**AE5 11-14**

Rotatable for Convenient Positioning

1.5mm Dia. Tip



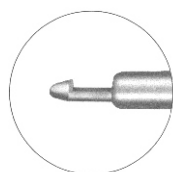
**Fukasaku Micro Trabeculectomy Punch**

**AE5 11-15T**

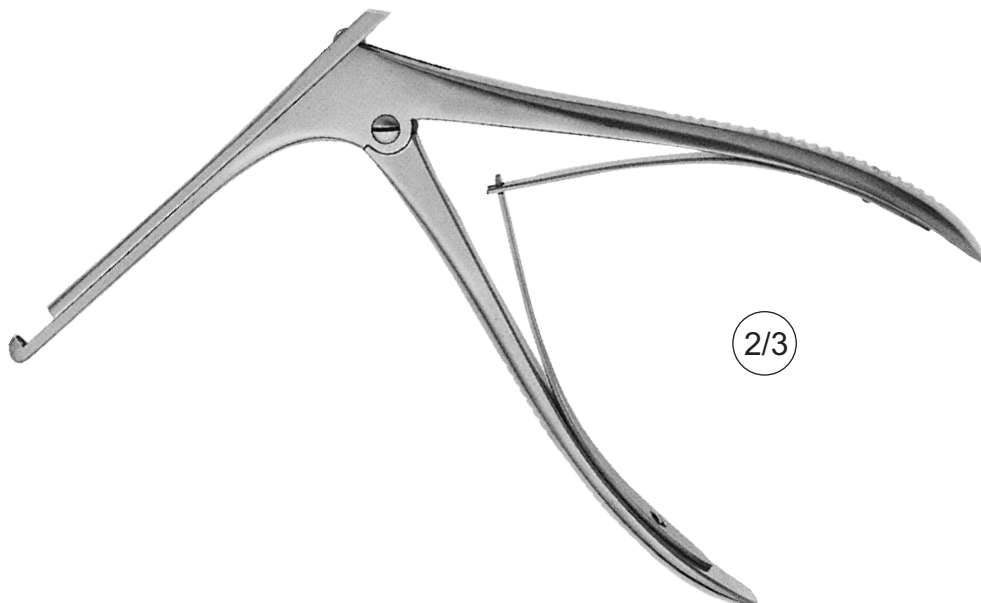
Bullet Shaped Tip

0.3mm x 0.6mm Deep Bite

0.6mm Dia. Head



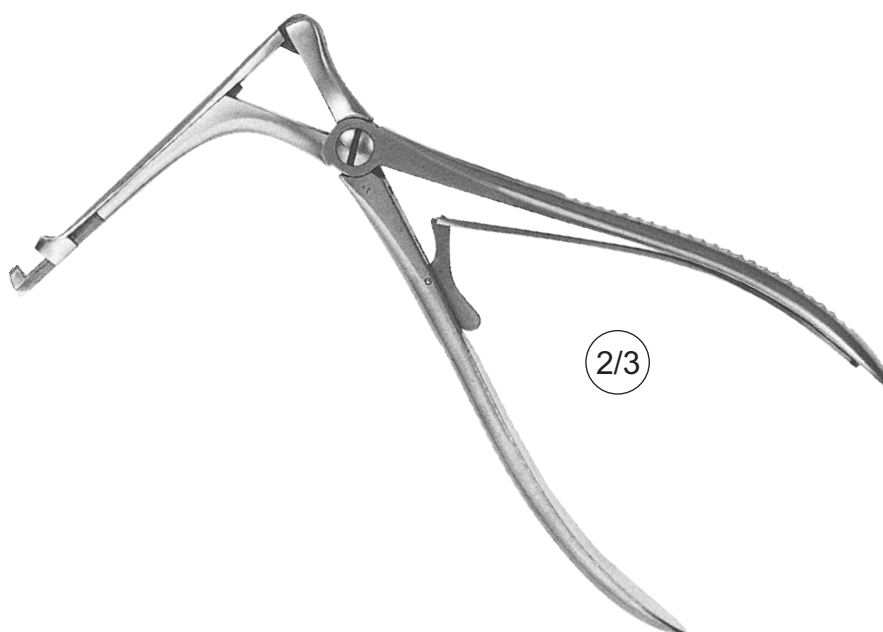
Kerrison Rongeur



**AE5 11-16**  
Size-1, 3.0mm Wide

**AE5 11-17**  
Size-2, 4.0mm Wide

Citelli Rongeur  
**AE5 11-18**  
Size-2, 3.0mm Wide



### McPherson Iris Spatula

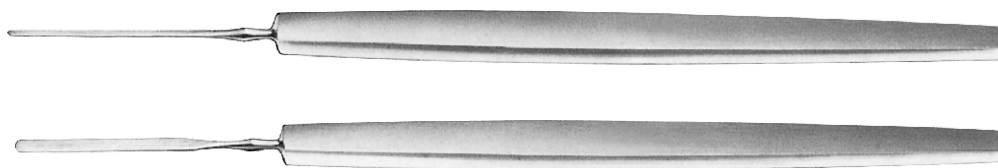
**AE5 11-19**

Malleable, 1mm Wide



### Culler Iris Spatula

Malleable Blades



**AE5 11-20**

Malleable, 1mm Wide

**AE5 11-21**

Malleable, 2mm Wide

### Wheeler Double Ended Spatula

**AE5 11-22**

Lightly Curved



### Elschnig Cyclodialysis Spatula

**AE5 11-23**

Tip Width: 1mm



### Barraquer Iris Spatula



**AE5 11-24**

Tip Width 0.50mm

Round, Smooth

**AE5 11-25**

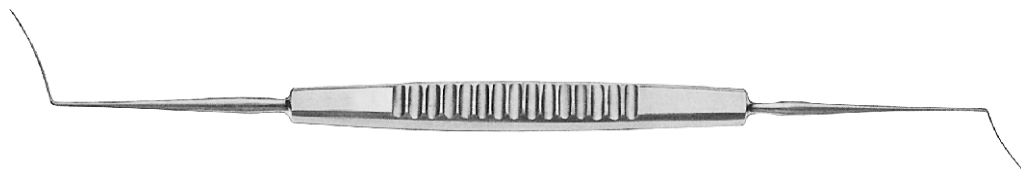
Tip Width 0.25mm

Round, Smooth

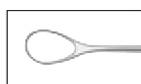
**Castroviejo Synechiaie Spatula**

**AE5 11-26**

Double Ended, Semi-Sharp Tips, Tip Width: 0.50mm



**Lewis & SNELLEN Lens Loop**



**AE5 11-27**  
Small



**AE5 11-28**  
Large



**AE5 11-29**  
Serrated

**Kirby Lens Loop**

**AE5 11-30**

Lens Loop and Muscle Hook



**Gass Retinal Detachment Hook**

**AE5 11-31**

With oval hole



### Stevens Tenotomy Hook

**AE5 11-32**

Small, Blunt



### Graefe Muscle Hook

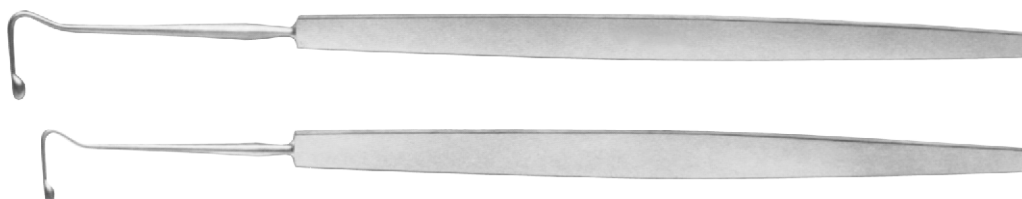


**AE5 11-33**  
Size-1

**AE5 11-34**  
Size-2

**AE5 11-35**  
Size-3

### Jameson Muscle Hook



**AE5 11-36**  
Small

**AE5 11-37**  
Large

### Green Muscle Hook

**AE5 11-38**



### Fixation Hook

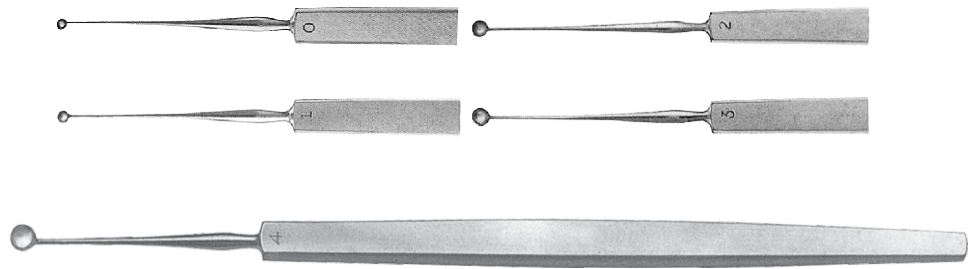


**AE5 11-39**  
Double, Sharp, Small

**AE5 11-40**  
Double, Sharp, Large



### Meyerhoefer Chalazion Curette



**AE5 11-41**  
Size-0  
1.50mm Dia.

**AE5 11-42**  
Size-1  
1.75mm Dia.

**AE5 11-43**  
Size-2  
2.0mm Dia.

**AE5 11-44**  
Size-3  
2.50mm Dia.

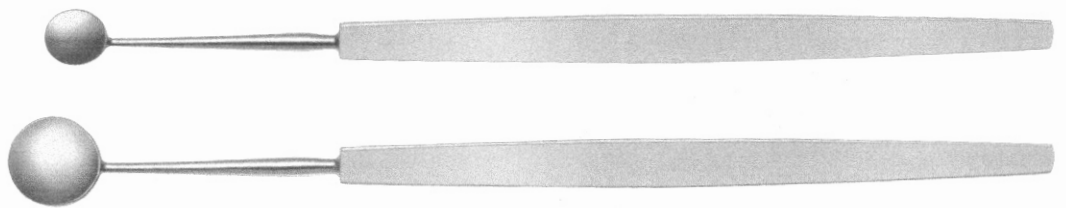
**AE5 11-45**  
Size-4  
3.50mm Dia.

### Culler Lens Spoon

**AE5 11-46**  
Sterling Silver



### Bunge Evisceration Spoon

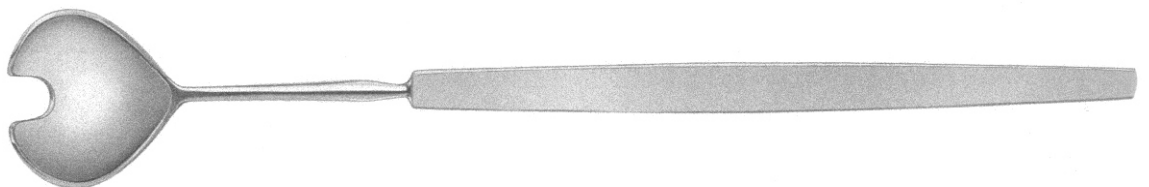


**AE5 11-47**  
Small

**AE5 11-48**  
Large

### Wells Enucleation Spoon

**AE5 11-49**



### Bonn Micro Iris Hook

**AE5 11-50**

**AE5 11-50T**

Tip Width: 0.55mm, Very Delicate, Straight Blunt Tip



### Hirshman Iris Hook

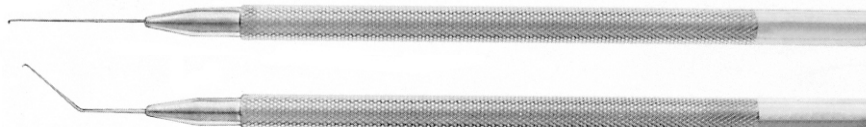
**AE5 11-51**

**AE5 11-51T**

Blunt, Angled



### Sinskey II IOL Manipulating Hook



**AE5 11-52**

**AE5 11-52T**

Straight with Round Handle  
0.2mm Dia. Blunt Tip

**AE5 11-53**

**AE5 11-53T**

Angled with Round Handle  
0.2mm Dia. Blunt Tip

### Jaffe Lens Manipulating Hook



**AE5 11-54**

**AE5 11-54T**

Straight with Flat Handle  
0.15mm Dia. Blunt Tip

**AE5 11-55**

**AE5 11-55T**

Angled with Flat Handle  
0.15mm Dia. Blunt Tip

### Lewicky IOL Manipulating Hook

**AE5 11-56**

**AE5 11-56T**

Angled, 0.15mm Dia. Blunt Tip

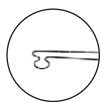


## Rentsch IOL Manipulating & Iris Hook

**AE5 11-57**  
**AE5 11-57T**  
 Angled



## Kuglen Iris Hook & Lens Manipulator

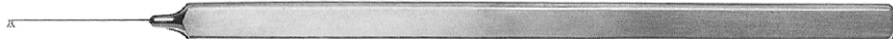
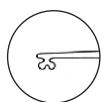


**AE5 11-58**  
**AE5 11-58T**  
 Straight, Push-Pull Model

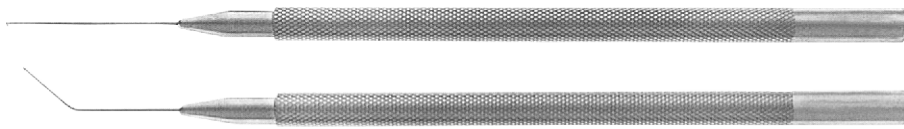
**AE5 11-59**  
**AE5 11-59T**  
 Angled, Push-Pull Model

## Kuglen Iris Hook & Manipulator

**AE5 11-60**  
**AE5 11-60T**  
 Straight



## Fenzl Lens Manipulating Hook



**AE5 11-61**  
**AE5 11-61T**  
 Straight, 0.15mm Dia. T-Shaped Tip

**AE5 11-62**  
**AE5 11-62T**  
 Angled, 0.15mm Dia. T-Shaped Tip

## Maltzman-Fenzl Lens Manipulating Hook

**AE5 11-63**  
**AE5 11-63T**  
 Angled, 0.15mm Dia. V-Shaped Tip



## Jaffe-Maltzman Lens Manipulating Hook

**AE5 11-64**  
**AE5 11-64T**  
 Angled, 0.15mm Dia. V-Shaped Tip, Flat Handle



### Bechert Nucleus Rotator

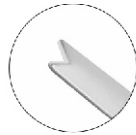


**AE5 11-65**  
**AE5 11-65T**  
 Angled 7mm, Blunt tip

**AE5 11-66**  
**AE5 11-66T**  
 Angled 9mm, Blunt tip

### Clayman Nucleus Rotator

**AE5 11-67**  
**AE5 11-67T**  
 0.5mm wide flat spatula  
 with v-notched tip



### Lester IOL Manipulator



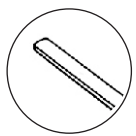
**AE5 11-68**  
**AE5 11-68T**  
 0.25mm dia. tip, straight

**AE5 11-69**  
**AE5 11-69T**  
 0.25mm dia. tip, angled



### Jaffe IOL Spatula

**AE5 11-70**  
**AE5 11-70T**  
 Angle to Tip: 10mm, Tip Width: 0.50mm, Flat Smooth Tip



**Escaf Nucleus Manipulator**

**AE5 11-71**

**AE5 11-71T**

45° Angled, Flattened Tip



**Knolle Nucleus Spatula**

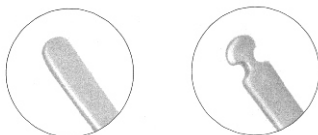
**AE5 11-72**

**AE5 11-72T**

0.5mm Wide, Flat



**Koch Nucleus Spatula**



**AE5 11-73**

**AE5 11-73T**

Gently Curved, Smooth

**AE5 11-74**

**AE5 11-74T**

Gently Curved, Notches

**Escaf Nucleus Sustainer AE5 11-75**

**AE5 11-75T**

4 1/2", angled shaft, smooth 0.4mm diameter ball tip, textured inferior edge, round handle



**Graether Collar Button Micro Iris Retractor**



**AE5 11-76**

**AE5 11-76T**

Straight Shaft, And Overall Length Of 4 3/4" (120mm)

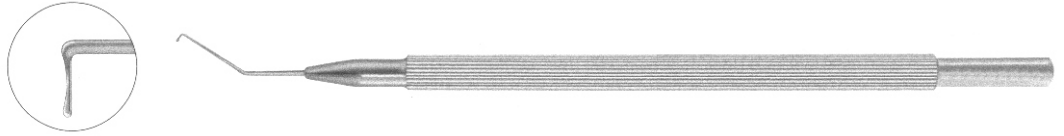
**AE5 11-77**

**AE5 11-77T**

Angled 45°

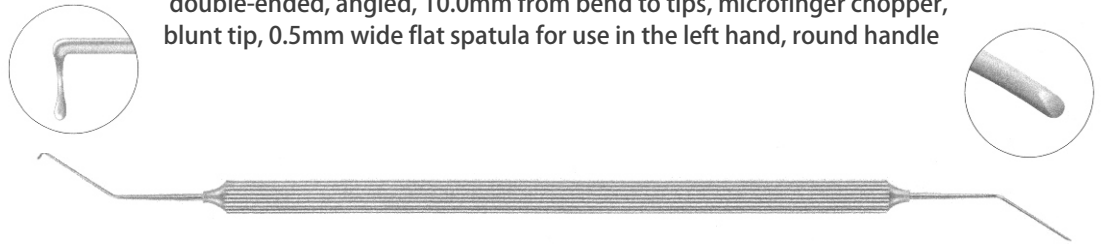
### Lieberman MicroFinger & Spatula

**AE5 11-78**  
**AE5 11-78T**



### Lieberman MicroFinger and Spatula

double-ended, angled, 10.0mm from bend to tips, microfinger chopper, blunt tip, 0.5mm wide flat spatula for use in the left hand, round handle



**AE5 11-79**  
**AE5 11-79T**  
For Use in Right Hand

**AE5 11-80**  
**AE5 11-80T**  
For Use in Left Hand

### Fukasaku-Lieberman Phaco Spatula

Small pupil snapper hook and the MicroFinger

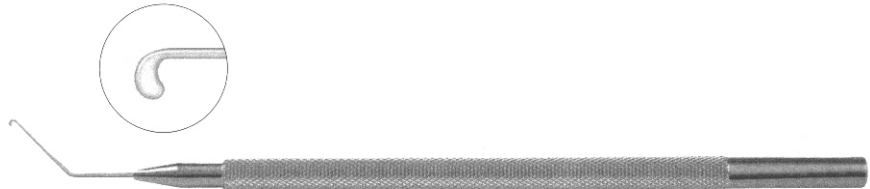


**AE5 11-81**  
**AE5 11-81T**  
For Use in Right Hand

**AE5 11-82**  
**AE5 11-82T**  
For Use in Left Hand

### Grayson Nucleus Manipulator

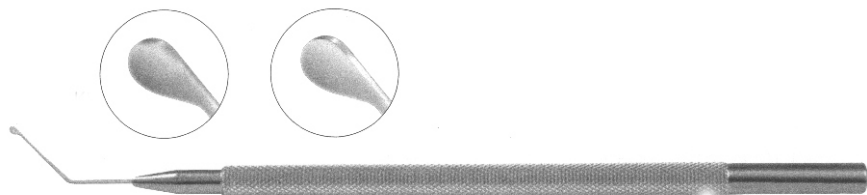
**AE5 11-83**  
**AE5 11-83T**  
1.1mm Long Tip, Flattened



### Drysdale Nucleus Manipulator

**AE5 11-84**  
**AE5 11-84T**  
Rounded Edges

**AE5 11-85**  
**AE5 11-85T**  
Defined Interior Edge



### Tennant Nucleus Manipulator

**AE5 11-86**

**AE5 11-86T**

Tip Dia. 0.6mm, To Split and Rotate Nucleus



### Nagahara Phaco Chopper

**AE5 11-87**

**AE5 11-87T**

Cutting Edge 90°, Cutting Length: 1.5mm



### Nagahara Phaco Chopper

**AE5 11-88**

**AE5 11-88T**

Cutting Edge 60°, Cutting Length: 1.5mm



### Koch-Nagahara Spatula & Chopper

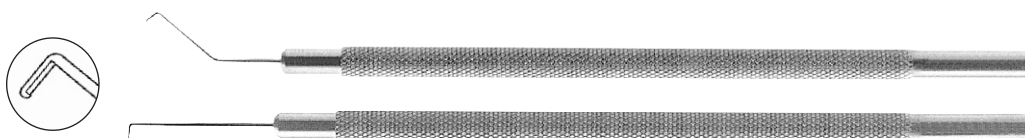
**AE5 11-89**

**AE5 11-89T**

Cutting Edge 60°, Cutting Length: 1mm



### Kammann Prechopper



**AE5 11-90**

**AE5 11-90T**

Angled, Cutting Edge 2.2mm

**AE5 11-91**

**AE5 11-91T**

Straight, Cutting Edge 2.2mm

### Friedman-Koch Universal Chopper & Spatula

**AE5 11-92**

**AE5 11-92T**

Double Cutting Edges

Cutting Edge (Chopper): 1.5mm, Tip Width (Manipulator): 0.8mm



### Olson Phaco Chopper

**AE5 11-93**

**AE5 11-93T**

Cutting Edge 60°, Cutting Length: 2mm



### Rosen Phaco Splitter

**AE5 11-94**

inline wedge, standard

**AE5 11-94T**

**AE5 12-94**

60° offset wedge, for use in left hand

**AE5 12-94T**



### Nordan Capsule Elevator

**AE5 11-95**

**AE5 11-95T**

Tip Dia. 1.5mm



### Nagahara Bi-Manual Irrigating Chopper

**AE5 11-96T**

Round Tip, 20 Gauge Tube



### Nagahara Bi-Manual Irrigating Carate Chopper

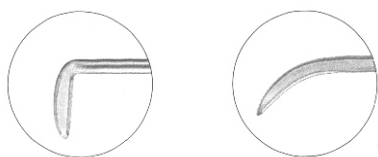
**AE5 11-97T**

Sharp Tip, 20 Gauge Tube





## MICS Phaco Pre-Chopper

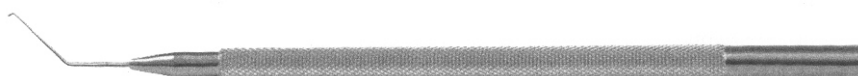


**AE5 11-98**  
**AE5 11-98T**  
 Two Defined Edges

**AE5 11-99**  
**AE5 11-99T**  
 Curved with Blunt Tip  
 and Sharp Inferior Edge

## Phaco Chopper

**AE5 12-00**  
**AE5 12-00T**  
 Ball Tip, 0.7mm Inferior Wedge



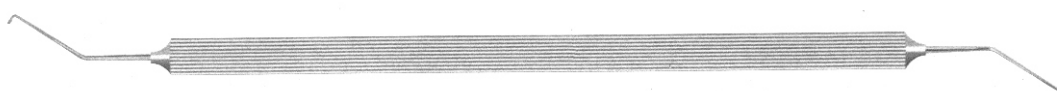
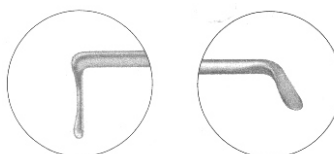
## Nagahara Phaco Chopper

**AE5 12-01**  
**AE5 12-01T**  
 Rounded, Blunt Tip, 0.9mm Inferior Wedge



## Chang-Seibel Phaco Chopper

A combination of chopper with the  
 Chang MicroFinger and end  
 the Seibel Vertical Safety Chopper



**AE5 12-02**  
**AE5 12-02T**  
 For Use in Right Hand

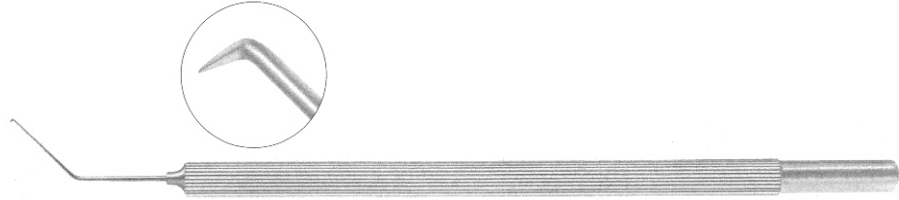
**AE5 12-03**  
**AE5 12-03T**  
 For Use in Left Hand

**Milder Phaco Chopper**

**AE5 12-04**

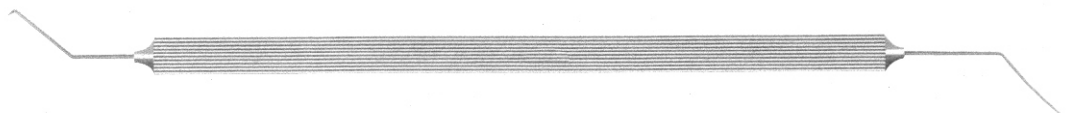
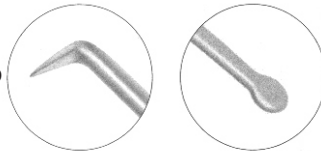
**AE5 12-04T**

For Use in Left Hand  
 60°offset inferior wedge  
 for horizontal chopping and a  
 beveled distal tip for vertical chopping



**Milder Phaco Chopper**

60°offset inferior wedge  
 for horizontal chopping and a  
 beveled distal tip for vertical chopping  
 12mm long spatula with disc-shaped tip



**AE5 12-05**

**AE5 12-05T**

For Use in Right Hand

**AE5 12-06**

**AE5 12-06T**

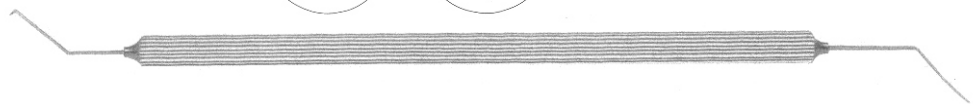
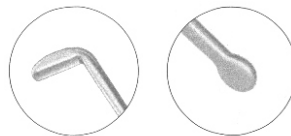
For Use in Left Hand

**Masket Phaco Spatula**

**AE5 12-07**

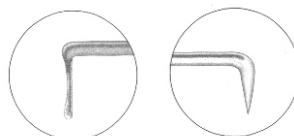
**AE5 12-07T**

12mm Long Round Spatula, Disk-shaped Tip



**Chang Phaco Chopper**

0.9mm Long Quick Chop Tip



**AE5 12-08**

**AE5 12-08T**

For Use in Right Hand

**AE5 12-09**

**AE5 12-09T**

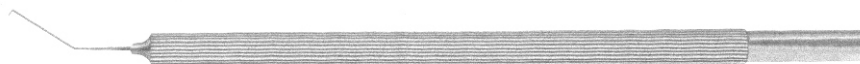
For Use in Left Hand

## Minardi Phaco Chopper

**AE5 12-10**

**AE5 12-10T**

0.7mm Long Quick Chop Tip

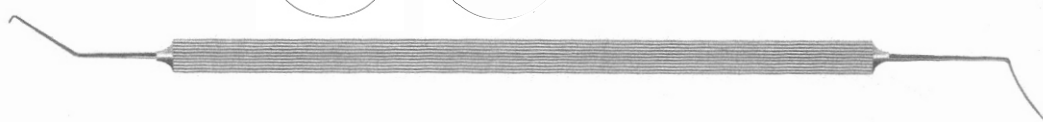
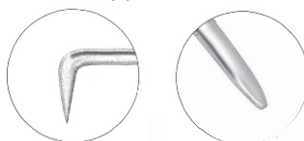


## Hwang Phaco Chopper

**AE5 12-11**

**AE5 12-11T**

1mm Long Vertical Chopper and a Chisel Tipped Spatula



## Agarwal Karate Phaco Chopper

**AE5 12-12**

**AE5 12-12T**

Semi Sharp, Pointed Tip

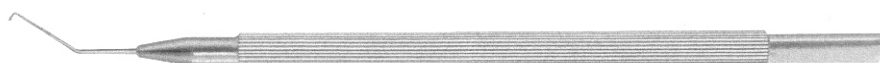


## Chang Micro Finger

**Chopper AE5 12-13**

**AE5 12-13T**

Curved Finger Shaped Tip



## Warren Canine Phaco Chopper

**AE5 12-14**

**AE5 12-14T**

2mm Pointed Tip, 3.5mm Long MicroFinger



## Brierley Nucleus Splitter

**AE5 12-15**

**AE5 12-15T**

Incision Sealing Shaft



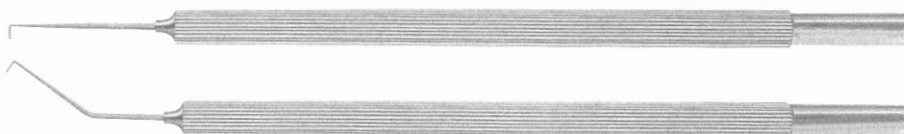
## Dodick-Kammann Nucleus Chopper



1.5mm



2mm



**AE5 12-16**

**AE5 12-16T**

1.5mm Long Tip, Straight

**AE5 12-17**

**AE5 12-17T**

1.5mm Long Tip, Angled

**AE5 12-18**

**AE5 12-18T**

2mm Long Tip, Straight

**AE5 12-19**

**AE5 12-19T**

2mm Long Tip, Angled

## Koch Nucleus Chopper

**AE5 12-20**

**AE5 12-20T**

1.6mm Long Blunted Tip



## Escaf Nucleus Divider

**AE5 12-21**

**AE5 12-21T**

1.25mm Long Wedge Shaped Tip



## Neuhann Nucleus Divider

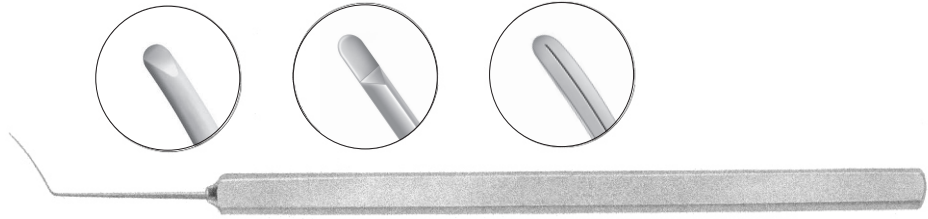
**AE5 12-22**

**AE5 12-22T**

Strongly Curved Spatulated Tip



### DALK Corneal Dissector



**AE5 12-23**  
**AE5 12-22T**  
 Flat, 12mm Long, Beveled

**AE5 12-24**  
**AE5 12-24T**  
 Triangular Shaft

**AE5 12-25**  
**AE5 12-25T**  
 1mm Wide, 8mm Long, Flattened

### Gimbel Nucleus Spatula

**AE5 12-26**  
**AE5 12-26T**  
 0.25mm Dia., Smooth Angled 30°



### Girard Synechia Spatula

**AE5 12-27**  
**AE5 12-27T**  
 0.5mm Wide Tip, Semi Sharp



### Obstbaum Synechia Spatula

**AE5 12-28**  
**AE5 12-28T**  
 0.25mm Wide Tip, Semi Sharp



### Benedetto IntraLase Spatula

**AE5 12-29**  
**AE5 12-29T**  
 10mm Long, Flattened with Beveled Notches

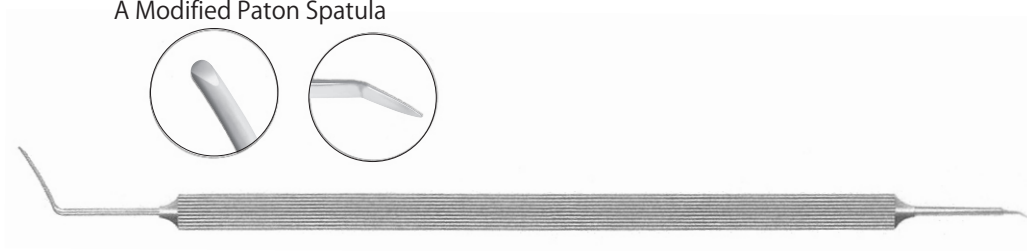


**Moran LASIK Enhancement Spatula**

**AE5 12-30**

**AE5 12-30T**

A Modified Paton Spatula

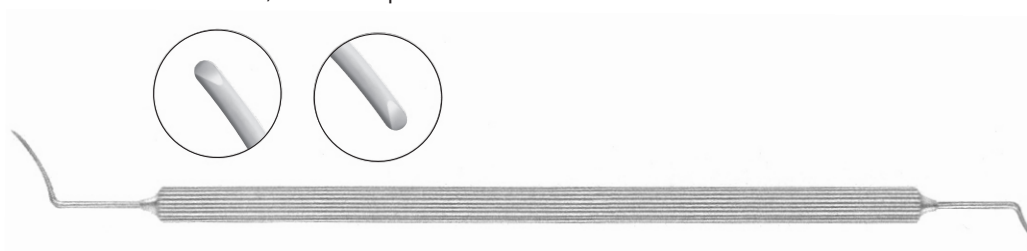


**Hersh IntraLase Flap Spatula**

**AE5 12-31**

**AE5 12-31T**

6mm & 10mm, Beveled Tips



**Binder IntraLase Flap Elevator**

**AE5 12-32**

**AE5 12-32T**

1mm Wide, 12mm Long, Semi-sharp Edges



**Fukasaku LASIK Spatula**

**AE5 12-33**

**AE5 12-33T**

Rounded Interior, Beveled Edges



**Guimaraes LASIK Spatula**

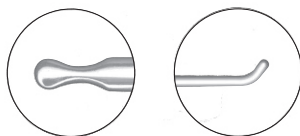
**AE5 12-34**

**AE5 12-34T**

Gently Curved, Bi-convex, Semi-sharp Edges



**Katzen LASIK Flap "Unzipper"**  
**AE5 12-35**  
**AE5 12-35T**  
 Bi-convex Spatula with Beveled Notches



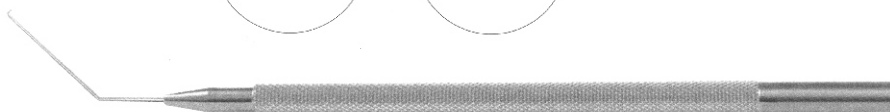
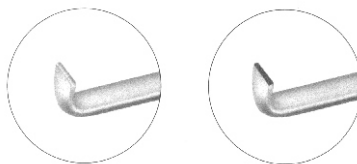
**Maddox LASIK Spatula**  
**AE5 12-36**  
**AE5 12-36T**  
 Flat & Cylindrical Spatula



**Rowen Combination LASIK Spatula**  
**AE5 12-37**  
**AE5 12-37T**



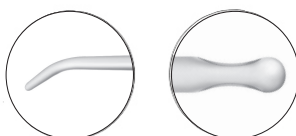
**Endothelial Stripper**  
 1mm Wide, Thin Beveled Tip



**AE5 12-38**  
**AE5 12-38T**  
 Smooth Surface

**AE5 12-39**  
**AE5 12-39T**  
 Textured Surface

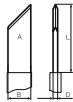
**Thorlakson Z-LASIK Flap Lifter**



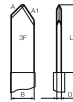
**AE5 12-40**  
**AE5 12-40T**  
 Beveled Notches, Long Handle

**AE5 12-41**  
**AE5 12-41T**  
 Beveled Notches, Short Handle

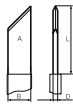
## Diamond Knives



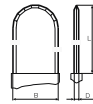
**AE6 12-42T**  
Straight / Single Edge  
FH-MM 6, 0x1, 0x0, 17mm / 30°



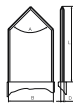
**AE6 12-43T**  
Tri-facet  
FH-MDS 5, 1x1, 0x0, 20mm / 45° / 30°



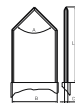
**AE6 12-44T**  
Straight / Single Edge  
FH-MM 4, 0x0, 7x0, 17mm / 45°



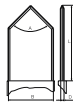
**AE6 12-45T**  
Tunnel  
FH-RS 19-facets 6, 0x2, 0x0, 17mm abg



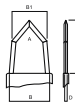
**AE6 12-46T**  
Clear Cornea MICS  
FH-CC 6, 0x2, 2x0, 20mm / 90° abg



**AE6 12-47T**  
Clear Cornea 90°  
FH-CC 6, 0x3, 0x0, 20mm / 90° abg



**AE6 12-48T**  
Tapered Spear MICS  
FH-CC tr 6, 0x2, 4/2, 70x0, 20mm / 90° abg



**AE6 12-49T**  
Clear Cornea 60°  
FH-ZALDIVAR 6, 5x0, 55/1, 0x0, 17mm abg

## 3D Diamond Knives



**AE6 12-50T**  
FH-CC 3D 6, 0x2, 20x0, 17mm / 80° abg



**AE6 12-51T**  
FH-CC 3D 6, 0x2, 40x0, 20mm / 80° abg



**AE6 12-52T**  
FH-CC 3D 6, 0x2, 50x0, 20mm / 80° abg



**AE6 12-53T**  
FH-CC 3D 6, 0x2, 65x0, 17mm / 80° abg



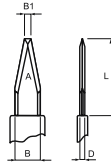
### Diamond Knife with Glaucoma Surgery

#### AE6 12-54T

Step Knife

Steps 0.15 / 0.2 / 0.25 / 0.3 / 0.37 / 0.5 / 4.0

ST-3 Schnitt 6, 0x1, 0x0, 20mm / 25°

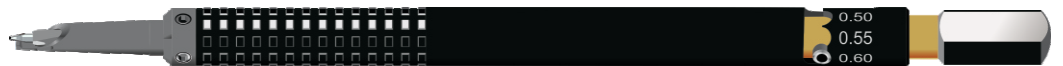
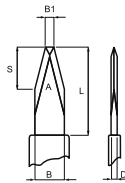


### Diamond Knife with LRI Surgery

#### AE6 12-55T

With 3 Settings: 0.5, 0.55, 0.6

ST-3 Schnitt 5, 1x0, 4/1, 0x0, 10mm / 20°



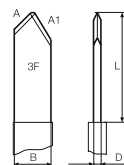
### Step Diamond Knife

#### AE6 12-56T

Tri-facet

Steps at 0/0.3/0.4/0.5/0.6/0.8/1.0/2.5 mm

ST-3 MDS 5, 6x1, 0x0, 17mm



## Hofmann-Thornton Globe Fixation Ring



**AE7 12-57**  
**AE7 12-57T**  
 13mm Dia. Multiple Blunt Teeth

**AE7 12-58**  
**AE7 12-58T**  
 16mm Dia. Multiple Blunt Teeth

## Fine-Thornton Swivel Fixation Ring

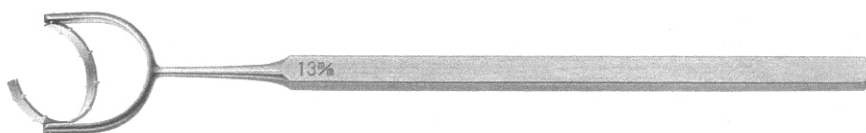


**AE7 12-59**  
**AE7 12-59T**  
 13mm Dia. Blunt Teeth

**AE7 12-60**  
**AE7 12-60T**  
 16mm Dia. Blunt Teeth

## Gimbel Stabilizing Ring

**AE7 12-61**  
**AE7 12-61T**  
 13mm Dia., Blunt Teeth on Both Sides



## Thornton Globe Fixation Ring

**AE7 12-62**  
**AE7 12-62T**  
 16mm Dia. Multiple Blunt Teeth



## Lu-Mendez LRI Guide and Fixation Rings

**AE7 12-63**  
**AE7 12-63T**  
 Delicate Blunt Teeth, Marks 10° Increments, 11mm I.D.

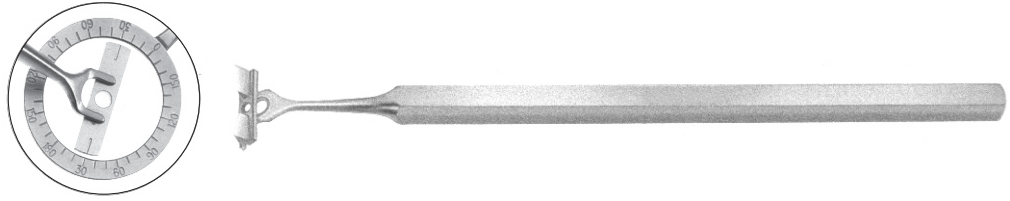


## Mendez Degree Gauge

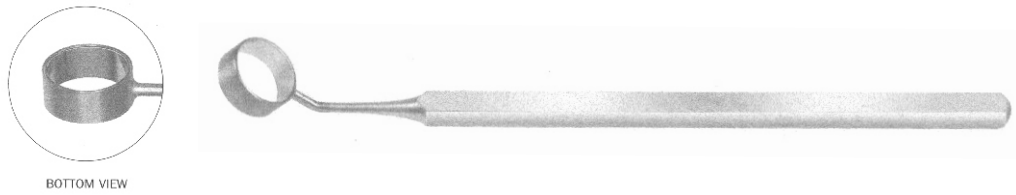
**AE7 12-64**  
**AE7 12-64T**  
 12mm I.D. Marked in 10° Increments



**Bores Axis Marker**  
**AE7 12-65**  
**AE7 12-65T**



**Camellin Style LASEK Alcohol Well**

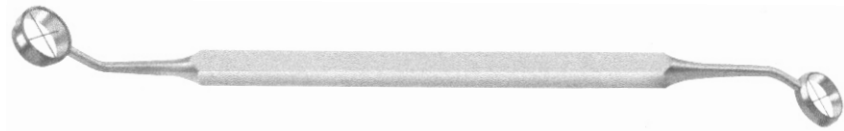


BOTTOM VIEW

**AE7 12-66**  
**AE7 12-66T**  
 8.5mm Dia.

**AE7 12-67**  
**AE7 12-67T**  
 9.5mm Dia.

**McDonald Optic Zone Marker**  
**AE7 12-68**  
**AE7 12-68T**  
 6.5mm & 7mm Dia., Double End, Cross Hairs



**Anis Radial Marker**



**AE7 12-69**  
**AE7 12-69T**  
 4mm Dia. 8 Blades

**AE7 12-70**  
**AE7 12-70T**  
 4mm Dia. 12 Blades

**AE7 12-71**  
**AE7 12-71T**  
 4mm Dia. 16 Blades

**Toric Marker**  
**AE7 12-72**  
**AE7 12-72T**  
 Half-ring for mark of meridian 12 mm



**Intra-Op Toric Axis Marker**  
**AE7 12-73T**  
 Markings every 5 Degrees



**Kellen Capsulorhexis Marker**



**AE7 12-74**  
**AE7 12-74T**  
 6mm Dia.

**AE7 12-75**  
**AE7 12-75T**  
 5.5mm Dia.

**Osher Neuman Corneal Marker**



**AE7 12-76**  
**AE7 12-76T**  
 4 Blades

**AE7 12-77**  
**AE7 12-77T**  
 6 Blades

**AE7 12-78**  
**AE7 12-78T**  
 8 Blades

**AE7 12-79**  
**AE7 12-79T**  
 16 Blades

**Hoffer Corneal Optical Zone Markers**  
 Fine Cross Hairs



**AE7 12-80**  
**AE7 12-80T**  
 3.0mm

**AE7 12-81**  
**AE7 12-81T**  
 3.5mm

**AE7 12-82**  
**AE7 12-82T**  
 4.0mm

**AE7 12-83**  
**AE7 12-83T**  
 4.5mm

**AE7 12-84**  
**AE7 12-84T**  
 5.0mm

**AE7 12-85**  
**AE7 12-85T**  
 5.5mm

**AE7 12-86**  
**AE7 12-86T**  
 6.0mm

**AE7 12-87**  
**AE7 12-87T**  
 6.5mm

**AE7 12-88**  
**AE7 12-88T**  
 7.0mm

**AE7 12-89**  
**AE7 12-89T**  
 7.5mm

**AE7 12-90**  
**AE7 12-90T**  
 8.0mm

**Maloney Intra-Operative Keratometer**  
**AE7 12-91**  
**AE7 12-91T**  
 Measurement of Astigmatism



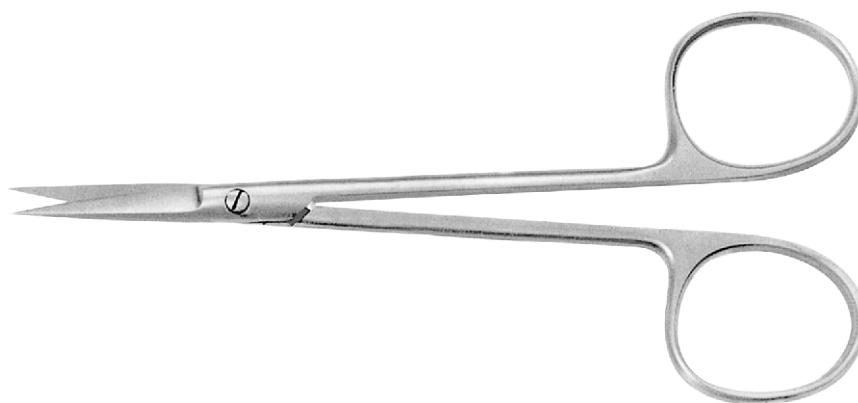
Iris Scissors



**AE8 14-00**  
Straight, Delicate, Pointed Tips 10cm

**AE8 14-01**  
Curved, Delicate, Pointed Tips 10cm

Iris Scissors

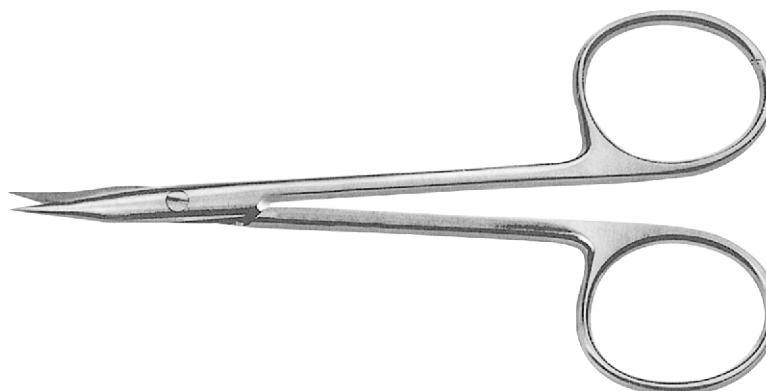


**AE8 14-02**  
Straight, Standard, Pointed Tips 11cm

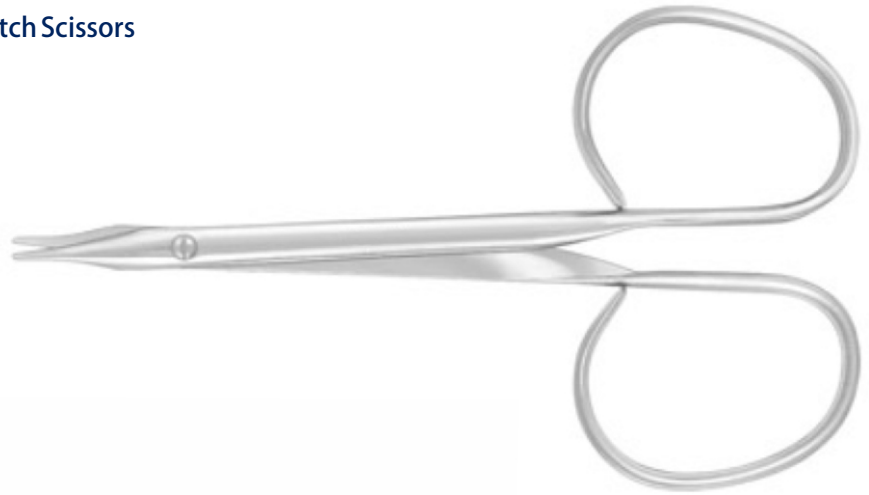
**AE8 14-03**  
Curved, Standard, Pointed Tips 11cm

Stevens Tenotomy Scissors

**AE8 14-04**  
Needle Points, Lightly Curved



## Stitch Scissors



**AE8 14-05**  
Ribbon type, Blunt Tips, Straight

**AE8 14-06**  
Ribbon type, Blunt Tips, Curved

## Knapp Strabismus Scissors



**AE8 14-07**  
Straight, Blunt Tips 11cm

**AE8 14-08**  
Curved, Blunt Tips 11cm

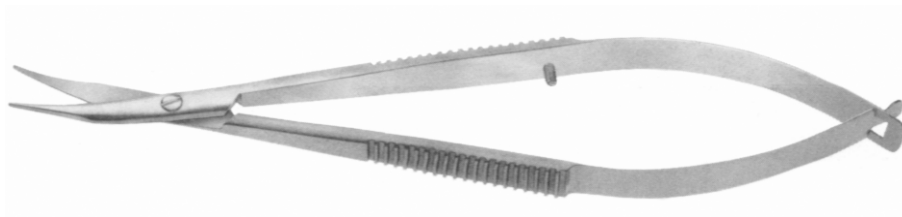
## Enucleation Scissors



**AE8 14-09**  
Blunt tips, Medium Curve  
14.5cm Long

**AE8 14-10**  
Blunt tips, Strong Curve  
14.5cm Long

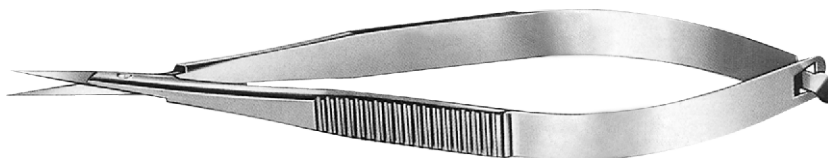
### Westcott Tenotomy Scissors



**AE8 14-20**  
Blunt

**AE8 14-21**  
Pointed

### Noyes Scissors **AE8 14-22** Straight



### Barraquer Iris Scissors **AE8 14-23** Blunt tips, 7mm long blades



### Castroviejo Keratoplasty Scissors **AE8 14-24** Angle to Side: Blunt Tip, Small Blade



## Westcott Type Scissors



### AE8 14-25T

Straight, Blade Length 6mm  
Flat Titanium Handle Double Action  
Stainless Steel Tips

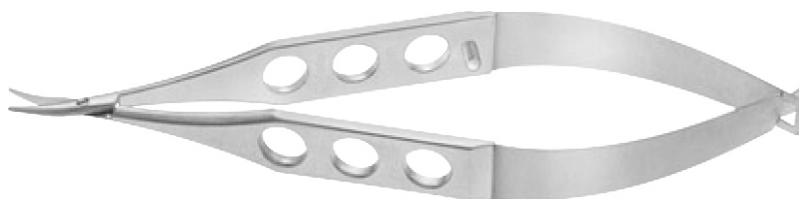
### AE8 14-26T

Curved, Blade Length 6mm  
Flat Titanium Handle Double Action  
Stainless Steel Tips

## McPherson-Westcott Conjunctival Scissors

### AE8 14-27

Blunt tips. Small blades, Curved



## Jaffe Stitch Scissors

### AE8 14-28

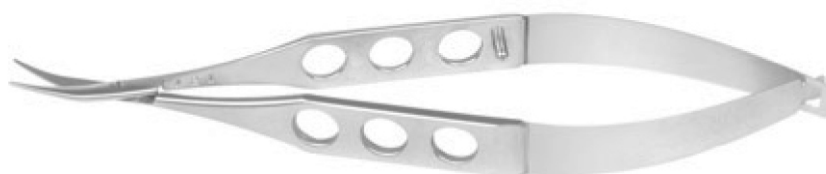
Very sharp pointed tips, Medium blades, Curved



## Westcott Tenotomy Scissors

### AE8 14-29

Blunt tips, Medium blades, Curved



## Iris Scissors



### AE8 14-30

Sharp tip, Small blades, Straight

### AE8 14-31

Sharp tip, Small blades, Curved



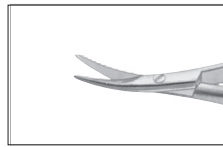
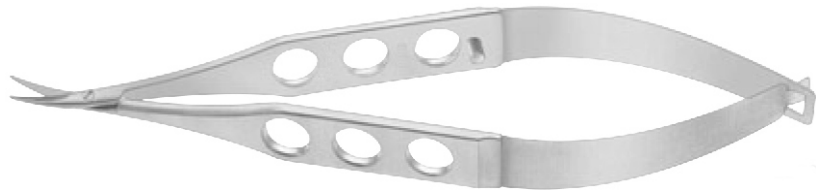
## Fine Stitch Scissors



**AE8 14-38**  
Sharp tips, Medium blades  
Straight

**AE8 14-39**  
Sharp tips, Medium blades  
Curved

## Castroviejo Universal Corneal Scissors



**AE8 14-40**  
Curved, Blunt Tip  
Small blades

**AE8 14-41**  
Curved, Blunt Tip  
Medium blades

**AE8 14-42**  
Curved, Blunt Tip  
Large blades

**AE8 14-43**  
Strongly Curved, Blunt Tip  
Large blades

## Troutman-Castroviejo Corneoscleral Scissors



**AE8 14-44**  
With stop, Small blades, Right

**AE8 14-45**  
With stop, Small blades, Left

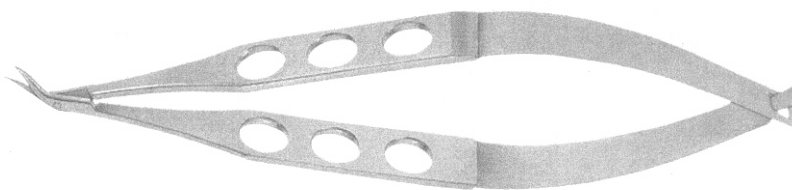
## Katzin Corneal Transplant Scissors



**AE8 14-46**  
Strong curve, Medium blades  
Right

**AE8 14-47**  
Strong curve, Medium blades  
Left

## Castroviejo Corneoscleral Scissors

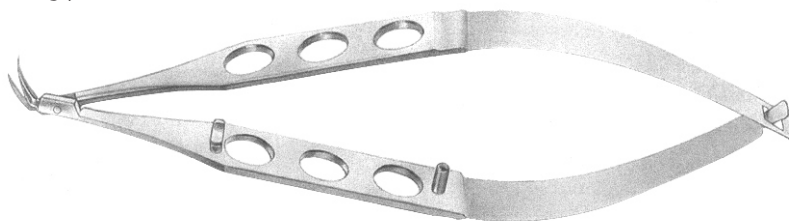


**AE8 14-48**  
Small blades, Right

**AE8 14-49**  
Small blades, Left

## Rich Corneal Transplant Scissors

Extremely Delicate  
Strongly Curved Blades

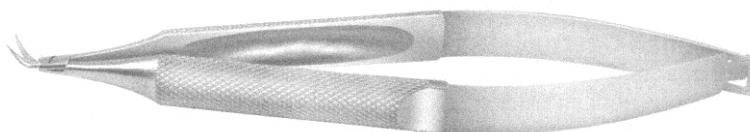


**AE8 14-50**  
Right

**AE8 14-51**  
Left

## Terry Micro Corneal Scissors

Round Handle



**AE8 14-52**  
Right

**AE8 14-53**  
Left

## Tibolt Punctal Scissors

**AE8 14-54**  
One conically shaped blade with grooves  
and textured surface



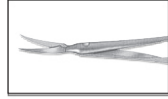
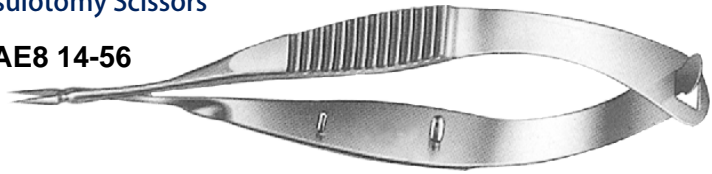
## DALK Micro Scissors Left + Right Set

**AE8 14-55**  
The lower blade of the scissors is thinner  
and 1mm longer than the upper blade

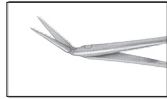


## Vannas Capsulotomy Scissors

**AE8 14-56**



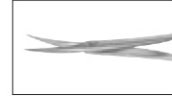
**AE8 14-57**



**AE8 14-58**



**AE8 14-59**



**AE8 14-60**

**AE8 14-56**  
**AE8 14-56T**

Straight, Blade Length: 7mm

**AE8 14-58**  
**AE8 14-58T**

Angled-Forward, Blade Length: 7mm

**AE8 14-57**  
**AE8 14-57T**

Curved, Blade Length: 7mm

**AE8 14-59**  
**AE8 14-59T**

Angle to Side, Blade Length: 7mm

McPherson Vannas

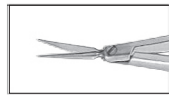
**AE8 14-60**  
**AE8 14-60T**

Sharp Tips, Blade Length: 8mm

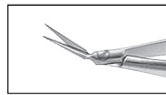
## Capsulotomy Scissors



**AE8 14-69**



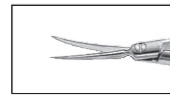
**AE8 14-70**



**AE8 14-71**



**AE8 14-72**



**AE8 14-73**



**AE8 14-74**



**AE8 14-75**



**AE8 14-76**



**AE8 14-77**

7mm extra thin long blades, Sharp tips

**AE8 14-69 / AE8 14-69T**  
Vannas Scissors, Straight

**AE8 14-70 / AE8 14-70T**  
Vannas Scissors, Curved

10mm extra thin long blades, Sharp tips

**AE8 14-72 / AE8 14-72T**  
Vannas Scissors, Straight

**AE8 14-74 / AE8 14-74T**  
Stern-Gills, Angled forward

10mm long angled blades, Curved tips

**AE8 14-76 / AE8 14-76T**  
Gills, Sharp points

**AE8 14-71 / AE8 14-71T**  
Gills-Vannas, Angled forward

**AE8 14-73 / AE8 14-73T**  
Vannas Scissors, Curved

**AE8 14-75 / AE8 14-75T**  
Uribe-Stern, Curved, Angled forward

**AE8 14-77 / AE8 14-77T**  
Uthoff-Gills, Blunt points

## Vitreo-Retinal Scissors



Angled 45°



**AE8 1481T**  
20 Gauge

**AE8 1484T**  
23 Gauge

Curved (R 12mm)



**AE8 1482T**  
20 Gauge

**AE8 1485T**  
23 Gauge

Straight Blunt Tips



**AE8 1483T**  
20 Gauges

**AE8 1486T**  
23 Gauge

Straight Pointed Tips



**AE8 1487T**  
20 Gauges

**AE8 1490T**  
23 Gauge

Vertical 40°



**AE8 1488T**  
20 Gauge

**AE8 1491T**  
23 Gauge

Vertical 80°



**AE8 1489T**  
20 Gauges

**AE8 1492T**  
23 Gauge

Vertical, Lower Blade with Bead Tip



**AE8 1493T**  
20 Gauge

**AE8 1494T**  
23 Gauge

Alio MICS Scissors  
**AE8 1495T**



23 Gauge, Curved Shaft Length 28mm  
with Horizontal Micro Blades, Tips Length 2.7mm

**Dalk Air Cannula**  
**AE9 15-00**  
 27 Gauge, Flattened



**Rycroft Air Injection Cannula**



**AE9 15-01**  
 30 Gauge, Angle to Tip: 5mm

**AE9 15-02**  
 27 Gauge, Angle to Tip: 5mm

**Langs Lacrimal Cannula**  
**AE9 15-03**  
 Curved, Long



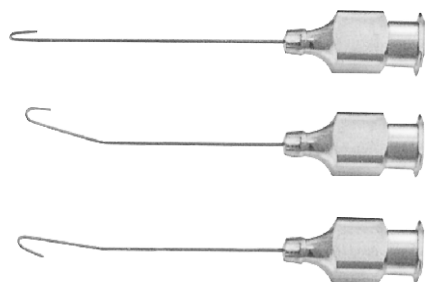
**Langs Lacrimal Cannula**  
**AE9 15-04**  
 Curved, Short



**Harrison Butler Lacrimal Cannula**  
**AE9 15-05**



**Binkhorst Irrigation Cannula**  
 Smooth Blunt Tips  
 22 Gauge

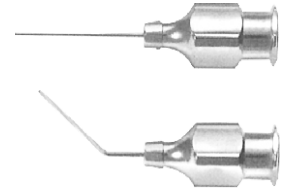
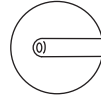


**AE9 15-06**  
 Straight

**AE9 15-07**  
 Left

**AE9 15-08**  
 Right

## McIntyre Anterior Chamber Cannula



**AE9 15-09**  
25 Gauge, Angled

**AE9 15-10**  
23 Gauge, Straight

**AE9 15-11**  
23 Gauge, Angled

**AE9 15-12**  
26 Gauge, Straight

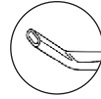
**AE9 15-13**  
26 Gauge, Angled

**AE9 15-14**  
30 Gauge, Straight

**AE9 15-15**  
30 Gauge, Angled

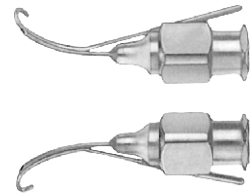
## Bishop-Harmon Irrigation Cannula AE9 15-16

Angle to Tips: 7mm, 19 Gauge



## Simcoe Irrigation-Aspirating Cannula

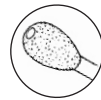
for 12 O'Clock Aspiration, 23 Gauge  
0.3mm Aspirating Side Port  
with Silicone Tubing and Adapter



**AE9 15-17**  
Right

**AE9 15-18**  
Left

## Jensen Posterior Capsule Polisher



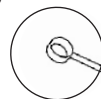
**AE9 15-19**  
Sand Blasted Tip, 23 Gauge

**AE9 15-20**  
Sand Blasted Tip, 25 Gauge

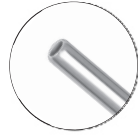
## Capsule Polishing Curette

**AE9 15-21**

Semi-Sharp Edges for Anterior and Posterior  
Capsule Polishing Irrigation into Ring  
25 Gauge



**Gills Aspirating Cannula**  
Smooth blunt tips,  
25 Gauge, Angled



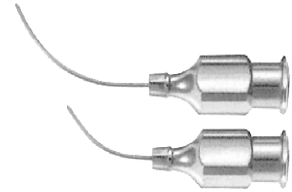
**AE9 15-22**  
5mm Tip

**AE9 15-23**  
7mm Tip

**AE9 15-24**  
8mm Tip

**AE9 15-25**  
10mm Tip

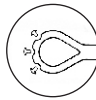
**Simcoe Cortex Extractor**  
0.3mm Port Size, for Side Port  
Cortex Removal



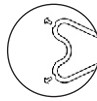
**AE9 15-26**  
13mm, 23 Gauge

**AE9 15-27**  
21mm, 23 Gauge

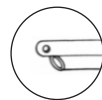
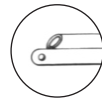
**Knolle-Pearce Irrigating Vectis**  
**AE9 15-28**  
23 Gauge



**Anis Irrigating Vectis**  
**AE9 15-29**  
23 Gauge



**Irrigating-Aspirating Cannula**



**AE9 15-30**  
Simcoe

**AE9 15-31**  
Reverse Simcoe

### De La O Aspirating Cannula

**AE9 15-32**

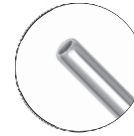
0.3mm side port, Angled at 12mm, 25 Gauge



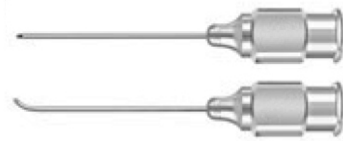
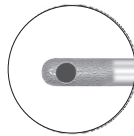
### Morrison Aspirating Cannula

**AE9 15-33**

Smooth blunt tip, Angled at 7mm, 23 Gauge



### Anis Cortex Aspirating Cannula



**AE9 15-34**

0.4mm side port, 23 Gauge, Straight

**AE9 15-35**

0.4mm side port, 23 Gauge, Angled

### Wilbrandt-Binkhorst Cannula



**AE9 15-36**

Smooth blunt tip,  
23 Gauge, Straight

**AE9 15-37**

Smooth blunt tip,  
23 Gauge, Angled left

**AE9 15-38**

Smooth blunt tip,  
23 Gauge, Angled right

### McIntyre-Binkhorst Cannula



**AE9 15-39**

Smooth blunt tip,  
26 Gauge, Straight

**AE9 15-40**

Smooth blunt tip,  
26 Gauge, Angled left

**AE9 15-41**

Smooth blunt tip,  
26 Gauge, Angled right

### Bishop-Harmon Anterior Chamber Irrigator



Includes 19 gauge angled cannula, adapter and blue silicon bulb

**AE9 15-42**

Complete

**AE9 15-43**

Silicon bulb

**AE9 15-44**

Adapter

**AE9 15-45**

19 gauge cannula

**AE9 15-46**

21 gauge cannula



### Nucleus Hydrodissection Cannula



**AE9 15-47**  
27 Gauge, Flat Angled Tip 8mm

**AE9 15-48**  
25 Gauge, Flat Angled Tip 8mm

### Kellan Hydrodissection Cannula

**AE9 15-49**  
25 Gauge, Curved, Vertical Flattened Tip

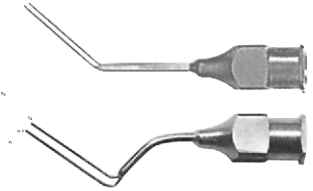


### Kellan Hydrodissection Cannula

**AE9 15-50**  
25 Gauge, Curved Bevel Tip



### LASIK Double Arm Cannula



**AE9 15-51**  
25 Gauge, 8 Ports

**AE9 15-52**  
Curved, 25 Gauge, 8 Ports

### Guell LASIK Irrigation Cannula

**AE9 15-53**  
25 Gauge, 7 Ports

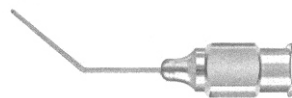


### Buratto LASIK Irrigation Cannula

**AE9 15-54**  
25 Gauge, 3 Ports



**Feaster Hydrodissection Cannula**  
**AE9 15-55**  
 25 Gauge, Wedge Shaped Tip



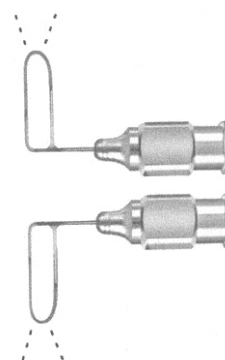
**Chang Hydrodissection Cannula**  
 27 Gauge, Flat 90° Angled Flat



**AE9 15-56**  
 Standard Tip

**AE9 15-57**  
 Long Tip

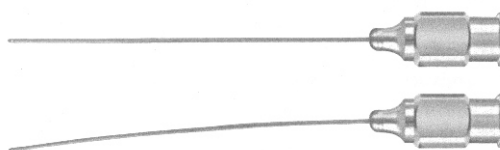
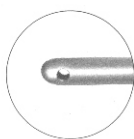
**Simcoe Irrigating Lens Nucleus Loop**  
 25 Gauge, Finely Serrated,  
 Strong Curve



**AE9 15-58**  
 Right

**AE9 15-59**  
 Left

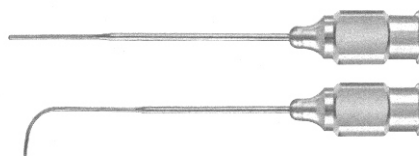
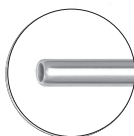
**McIntyre Lacrimal Cannula**  
 23 Gauge, Dual 0.3mm Side Port



**AE9 15-60**  
 Straight

**AE9 15-61**  
 Curved

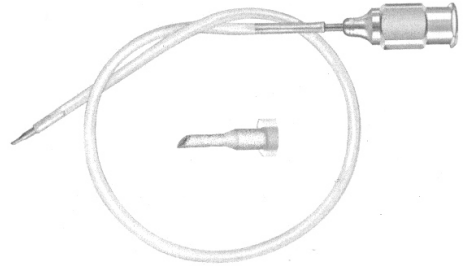
**Lacrimal Cannula**  
 23 Gauge, Malleable Tip



**AE9 15-62**  
 Straight

**AE9 15-63**  
 Curved

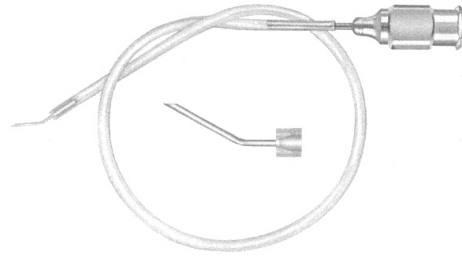
**Heslin Infusion Cannula**



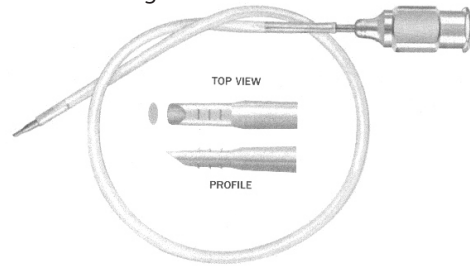
**AE9 15-64**  
25 Gauge

**AE9 15-65**  
23 Gauge

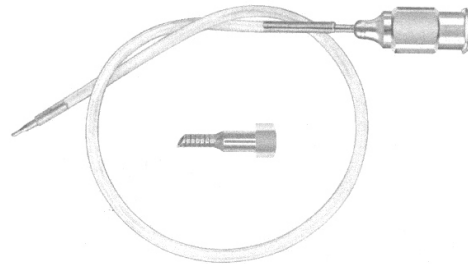
**Infusion Cannula**  
**AE9 15-66**  
22 Gauge, Self Retaining Tip



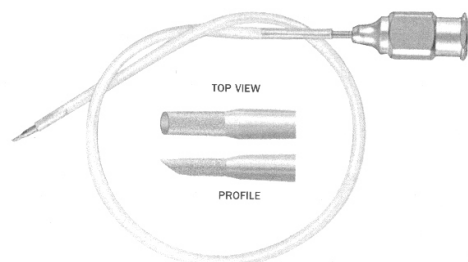
**Brierley Chamber Maintainer**  
**AE9 15-67**  
20 Gauge, Tapered Oval Tip with Self Retaining Fins



**Lewicky Chamber Maintainer**  
**AE9 15-68**  
20 Gauge, Threaded Tip



**Dahan-Blumenthal Anterior Chamber Maintainer**  
**AE9 15-69**  
20 Gauge, Tapered Oval Tip



**Buratto Bi-Manual Irrigation Handpiece**  
Open End



**AE9 13-80**  
21 Gauge, Straight

**AE9 13-81**  
23 Gauge, Curved

**Buratto Bi-Manual Irrigation Handpiece**  
Dual Port



**AE9 13-82**  
21 Gauge, Straight  
Port Size 0.5mm

**AE9 13-83**  
21 Gauge, Curved  
Port Size 0.5mm

**AE9 13-84**  
23 Gauge, Straight  
Port Size 0.4mm

**AE9 13-85**  
23 Gauge, Curved  
Port Size 0.4mm

**Buratto Bi-Manual irrigating Handpiece**



**AE9 13-88**  
21 Gauge, Curved  
Port Size 0.4mm

**AE9 13-89**  
23 Gauge, Curved  
Port Size 0.3mm

**Buratto Bi-Manual Aspiration Handpiece**



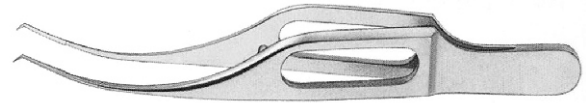
**AE9 13-90**  
21 Gauge, Curved  
Port Size 0.4mm

**AE9 13-91**  
23 Gauge, Curved  
Port Size 0.3mm

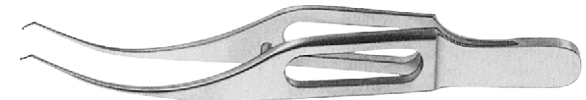
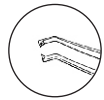
**Buratto Bi-Manual Aspiration Handpiece**  
**AE9 13-92**  
21 Gauge, Port Size 0.35mm  
Curved with Capsule Polisher



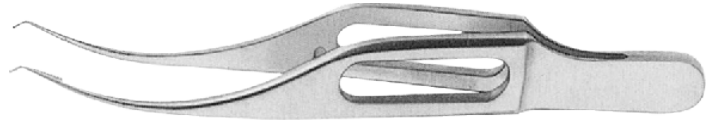
**Gills-Colibri Forceps**  
**AE5 17-03**  
**AE5 17-03T**  
 Very Fine Pointed Tips



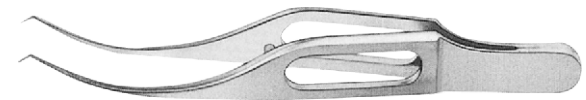
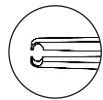
**Colibri Forceps**  
**AE5 17-04**  
**AE5 17-04T**  
 Very Delicate, 1x2 Teeth, 0.12mm



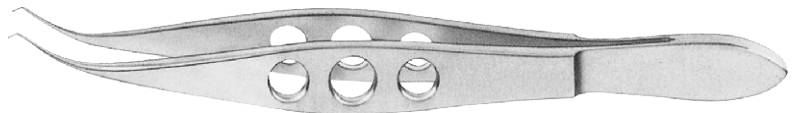
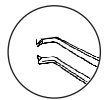
**Harms-Colibri Forceps**  
**AE5 17-05**  
**AE5 17-05T**  
 With Tying Platform  
 Very Delicate, 1x2 Teeth, 0.12mm



**Pierse-Colibri Corneal Forceps**  
**AE5 17-06**  
**AE5 17-06T**  
 Very Delicate



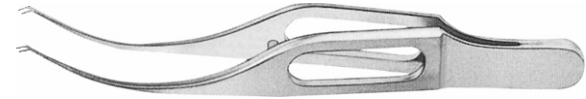
**Castroviejo-Colibri Forceps**  
 Very Delicate, 1x2 Teeth, 0.12mm



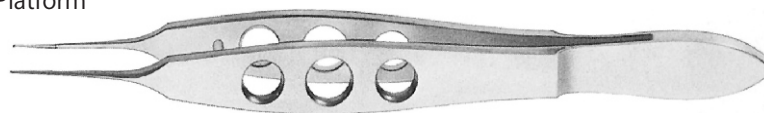
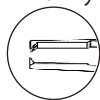
**AE5 17-07**  
**AE5 17-07T**  
 Without Tying Platform

**AE5 17-08**  
**AE5 17-08T**  
 With Tying Platform

**Polack Double Corneal Suturing Forceps**  
**AE5 17-09**  
**AE5 17-09T**  
 1x2 Teeth, 0.1mm, Very Delicate



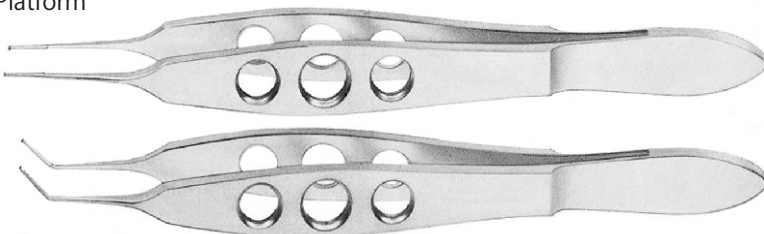
### Bonn Forceps With Tying Platform



**AE5 17-10**  
**AE5 17-10T**  
Short Handle, 1x2 Teeth, 0.12mm

**AE5 17-11**  
**AE5 17-11T**  
Long Handle, 1x2 Teeth, 0.12mm

### McPherson Corneal Forceps With Tying Platform

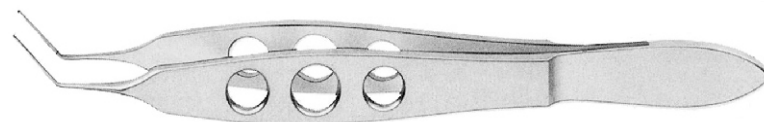


**AE5 17-12**  
**AE5 17-12T**  
Straight, 1x2 Teeth, 0.4mm

**AE5 17-13**  
**AE5 17-13T**  
Angled, 1x2 Teeth, 0.4mm

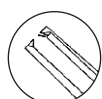
### Kelman-McPherson Forceps

**AE5 17-14**  
**AE5 17-14T**  
Angled, 1x2 Teeth, 0.3mm, 8mm Long Tying Platform



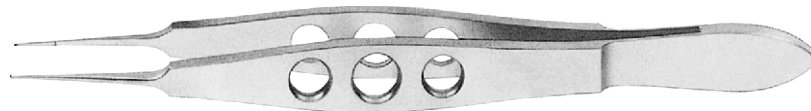
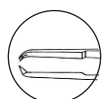
### Hoffer-McPherson Forceps

**AE5 17-15**  
**AE5 17-15T**  
Angled, Very Delicate, 1x2 Teeth, 0.12mm, 11mm Long Tying Platform



### Castroviejo Suturing Forceps

1x2 Teeth with Tying Platform



**AE5 17-16**  
**AE5 17-16T**  
0.12mm

**AE5 17-17**  
**AE5 17-17T**  
0.3mm

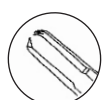
**AE5 17-18**  
**AE5 17-18T**  
0.5mm

**AE5 17-19**  
**AE5 17-19T**  
0.9mm

**AE5 17-20**  
**AE5 17-20T**  
1.5mm

### Castroviejo Suturing Forceps

Angled, 1x2 Teeth, With Tying Platform



**AE5 17-21**  
**AE5 17-21T**  
0.3mm

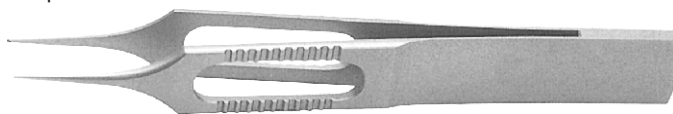
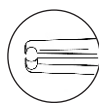
**AE5 17-22**  
**AE5 17-22T**  
0.5mm

### Hoskin Corneal Forceps

**AE5 17-23**

**AE5 17-23T**

Straight, Fine Grooved Tips



### Hoskin Corneal Forceps

**AE5 17-24**

**AE5 17-24T**

Straight, Micro Grooved Tips

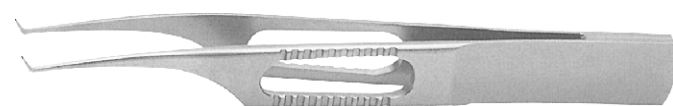
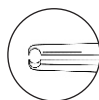


### Hoskin Corneal Forceps

**AE5 17-25**

**AE5 17-25T**

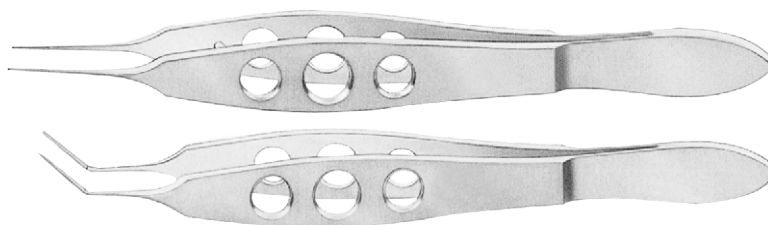
Straight, Colibri Style, Micro Grooved Tips



### McPherson Tying Forceps

5mm Long Smooth Tips

for 8-0 to 11-0 Sutures



**AE5 17-26**

**AE5 17-26T**

Straight

**AE5 17-27**

**AE5 17-27T**

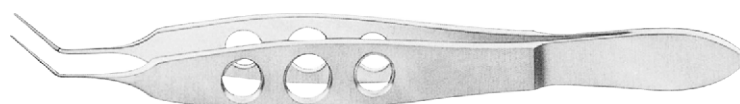
Angled

### Kelman-McPherson Forceps

**AE5 17-28**

**AE5 17-28T**

Very Delicate, 7.5mm Long Smooth Tips



### Bechert Forceps

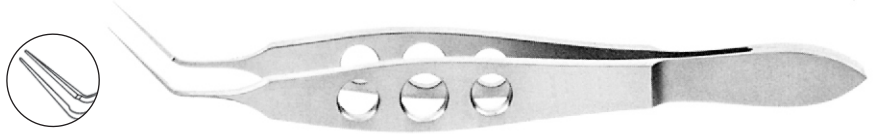
**AE5 17-29**

**AE5 17-29T**

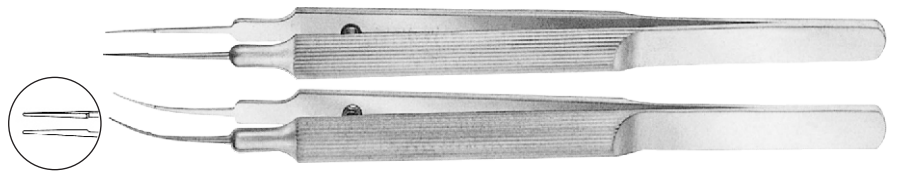
Angled, Very Delicate, 10mm Long Smooth Tips



**Gaskin Fragment Forceps**  
**AE5 17-30**  
**AE5 17-30T**  
 11mm Long Smooth Tips  
 Very Delicate, angled



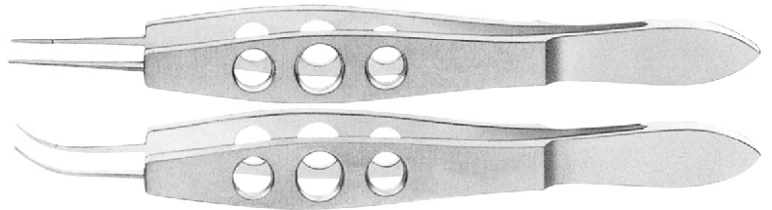
**Tennant Tying Forceps**  
 Extra Delicate, Smooth Tips  
 for 9-0 to 11-0 Sutures  
 6mm Long Platform



**AE5 17-31**  
**AE5 17-31T**  
 Straight

**AE5 17-32**  
**AE5 17-32T**  
 Curved

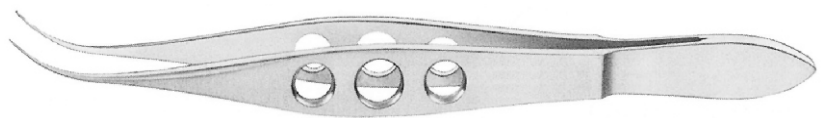
**Harms Tying Forceps**  
 for 7-0 to 9-0 Sutures  
 Smooth Tips



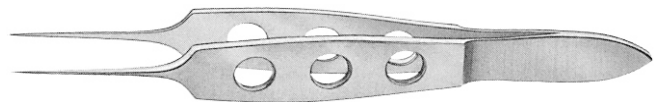
**AE5 17-33**  
**AE5 17-33T**  
 Straight

**AE5 17-34**  
**AE5 17-34T**  
 Curved

**Jaffe Utility Forceps**  
**AE5 17-35**  
**AE5 17-35T**  
 for 7-0 to 9-0 Sutures  
 Very delicate smooth jaws, Curved



**Foreign Body Forceps**  
**AE5 17-36**  
**AE5 17-36T**  
 Straight, Sharp Pointed Tips



**Bonaccolto Utility & Splitter Forceps**  
**AE5 17-37**  
**AE5 17-37T**  
 Straight, Very Delicate, Criss-Cross Serrated Tips



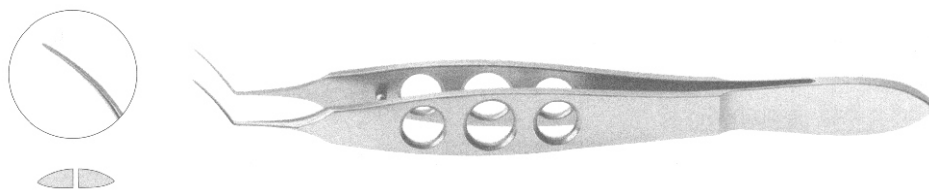


### Mendez Multi-Purpose LASIK Forceps

**AE5 17-38**

**AE5 17-38T**

Smooth Grasping Surfaces, Spatulated Jaws and Tips

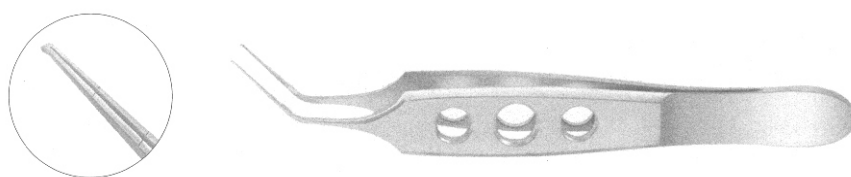


### Utrata Capsulorhexis Forceps

**AE5 17-39**

**AE5 17-39T**

Very Delicate, Short Handle, Triangular Grasping Tips

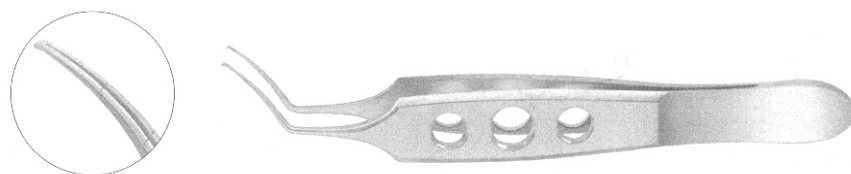


### Masket Capsulorhexis Forceps

**AE5 17-40**

**AE5 17-40T**

Very Delicate, Short Handle, Triangular Grasping Tips

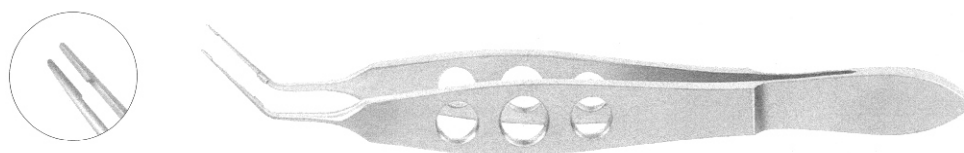


### Kraff Capsule Tag Forceps

**AE5 17-41**

**AE5 17-41T**

11mm Long Shanks, 1.5mm Long Tips

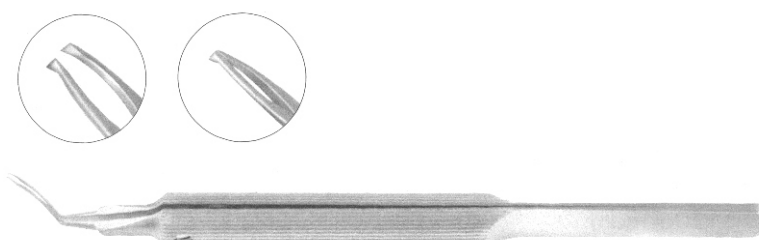


### Giannetti MICS Capsulorhexis Forceps

**AE5 17-42**

**AE5 17-42T**

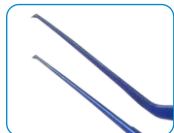
Ultra Delicate Shanks Tips, Maximum Jaw Opening 2mm



**Utrata Capsularhexis Forceps**

**AE5 17-43T**

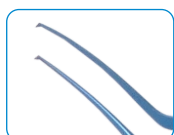
Delicate Straight Shaft 11.5mm Long Shank  
Round Handle 8mm Dia.



**Utrata Capsularhexis Forceps**

**AE5 17-44T**

Delicate Curved Shaft 11.5mm Long Shank  
Round Handle 8mm Dia.



**Utrata Capsularhexis Forceps**

**AE5 17-45T**

Delicate Curved Shaft 10mm Long Shank  
Round Handle 8mm Dia.



**Utrata Capsularhexis Forceps**

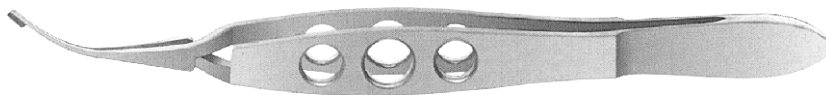
**AE5 17-46**

Extra Delicate Curved Shaft 11mm Long Shank  
Round Handle 6mm Dia.



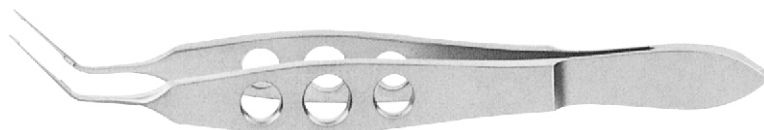
### Dodick Nucleus Cracker

**AE5 17-47**  
**AE5 17-47T**  
 Cross Action



### Kraff Capsule Tag Forceps

**AE5 17-53**  
**AE5 17-53T**  
 11mm Long Tips, 1.5mm Long Smooth Platform



### Utrata Capsulorhexis Forceps

**AE5 17-54**  
**AE5 17-54T**  
 Very Delicate Grasping Tips and Extremely Thin, 11mm Long Shanks



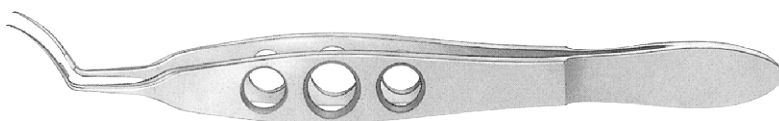
### Utrata Capsulorhexis Forceps

**AE5 17-55**  
**AE5 17-55T**  
 Round Handle, Very Delicate Grasping Tips and Extremely Thin 11mm Long Shanks



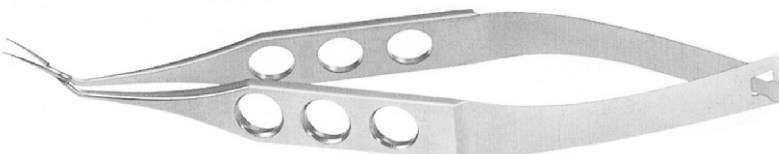
### Masket Capsulorhexis Forceps

**AE5 17-56**  
**AE5 17-56T**  
 Very Delicate Grasping Tips and Extremely Thin 11mm Long Shanks



### Inamura Capsulorhexis Forceps

Incision Sealing Design



**AE5 17-57**  
**AE5 17-57T**  
 Short for Corneal Incisions

**AE5 17-58**  
**AE5 17-58T**  
 Long for Scleral Incisions

### Micro Incision Capsulorhexis Forcep

Squeeze Handle

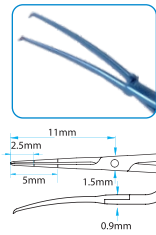


**AE5 17-59**  
**AE5 17-59T**  
 23 Gauge, 15mm Shaft Length

**AE5 17-60**  
**AE5 17-60T**  
 23 Gauge, 25mm Shaft Length

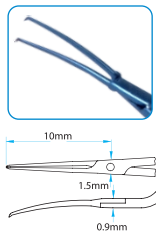
**Inamura Round Handle Capsularhexis Forceps for Scleral Tunnel Incision**  
**AE5 17-61T**

Curved Shaft, Tip to Joint 11mm  
 45° Angled Tip, Cross Action 1.5mm Width at Box Joint



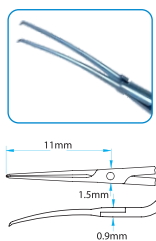
**Inamura Round Handle Capsularhexis Forceps for Scleral Tunnel Incision**  
**AE5 17-62T**

Curved Shaft, Tip to Joint 10mm  
 45° Angled Tip, Cross Action 1.5mm Width at Box Joint



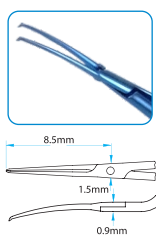
**Inamura Capsularhexis Forceps**  
**AE5 17-63T**

Spring Action, 45° Angled Tip  
 Curved Shaft, Tip to Joint 11mm



**Inamura Capsularhexis Forceps**  
**AE5 17-64T**

Spring Action, 45° Angled Tip  
 Curved Shaft, Tip to Joint 8.5mm



**Akahoshi Micro Prechopper Forceps**  
**AE5 17-65T**  
 Tips Height 1.3mm, Tips Open to 2.5mm  
 for Incision 1.7mm or more



**Akahoshi Micro Prechopper Forceps**  
**AE5 17-66T**  
 Tips Height 1.5mm, Tips Open to 2.5mm  
 for Incision 1.7mm or more



**Akahoshi Micro Prechopper Forceps**  
**AE5 17-67T**  
 Tips Height 1.6mm, Tips Open to 2.5mm  
 for Incision 1.7mm or more



**Paddle Prechopper Forceps**  
**AE5 17-68**  
 Angled Shaft 45°, Tip to Angle Length 13.5mm  
 Tips Height 1.6mm, Tips Open to 2.5mm  
 for Incision 1.7mm or more



**Fechtner Conjunctiva Forceps**

**AE5 17-69**

**AE5 17-69T**

Very Delicate, Ring Shaped Tip with Tying Platform



**Nugent Utility Forceps**

**AE5 17-70**

**AE5 17-70T**

0.3mm Blunt Tips, Cross-action Mechanism

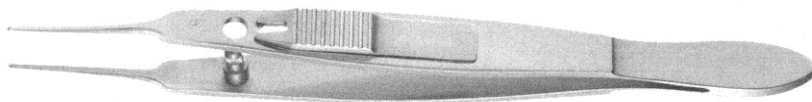


**Stern- Conjunctiva Fixation Forceps**

**AE5 17-71**

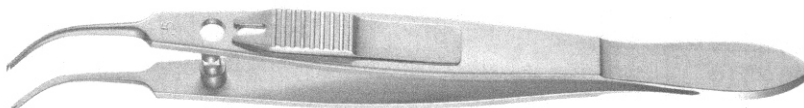
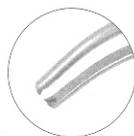
**AE5 17-71T**

1x2 Teeth 0.5mm with Lock



**Moody Fixation Forceps**

1x2 Teeth 0.5mm with Lock



**AE5 17-72**  
**AE5 17-72T**  
Left

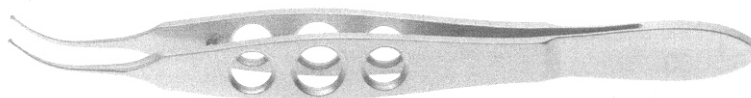
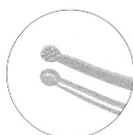
**AE5 17-73**  
**AE5 17-73T**  
Right

**Buratto LASIK Flap Forceps**

**AE5 17-74**

**AE5 17-74T**

Disc Shaped, Serrated Jaws



**Vitreo-Retinal Forcep**  
Squeeze Handle



Straight Forceps  
with 1 x 2 Teeth



**AE5 17-75T**  
20 Gauge

**AE5 17-76T**  
23 Gauge

Serrated Crocodile Forceps  
2mm & 4mm Long Tips



**AE5 17-77T**  
20 Gauge

**AE5 17-78T**  
23 Gauge

Side Gripping Forceps  
Smooth Round Jaws  
2.4mm



**AE5 17-79T**  
20 Gauge

**AE5 17-80T**  
23 Gauge

Gripping Forceps,  
2.5mm Smooth,  
Straight



**AE5 17-81T**  
20 Gauge

**AE5 17-82T**  
23 Gauge

Membrane Peeler,  
Smooth, 45°



**AE5 17-83T**  
20 Gauge

**AE5 17-84T**  
23 Gauge

Membrane Peeler,  
Grooved, 45°



**AE5 17-85T**  
20 Gauge

**AE5 17-86T**  
23 Gauge

Straight and  
End Gripping Jaws



**AE5 17-87T**  
20 Gauge

**AE5 17-88T**  
23 Gauge

Gripping Forceps,  
2.0mm Smooth  
Rounded Tips



**AE5 17-89T**  
20 Gauge

**AE5 17-90T**  
23 Gauge

ILM Forceps



**AE5 17-91T**  
20 Gauge

**AE5 17-92T**  
23 Gauge

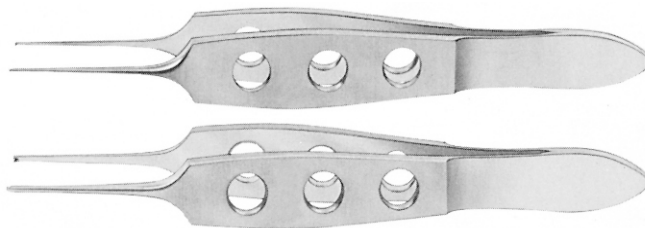
Foreign Body Forceps,  
Three Claws



**AE5 17-93T**  
20 Gauge

**AE5 17-94T**  
23 Gauge

## Bishop-Harmon Tissue Forceps



**AE5 17-95**  
**AE5 17-95T**  
Delicate, 1x2 Teeth, 0.5mm

**AE5 17-96**  
**AE5 17-96T**  
Standard, 1x2 Teeth, 0.8mm

## Bishop-Harmon Dressing Forceps

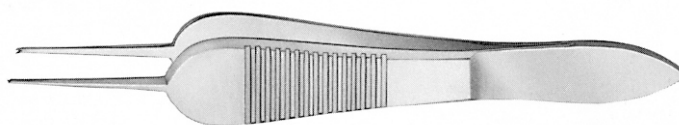


**AE5 17-97**  
**AE5 17-97T**  
Serrated Tips, 0.5mm

**AE5 17-98**  
**AE5 17-98T**  
Serrated Fine, 0.5mm

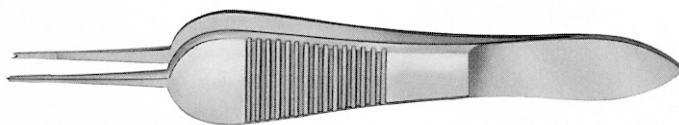
## Sauer Fixation Forceps

**AE5 17-99**  
**AE5 17-99T**  
1x2 Teeth



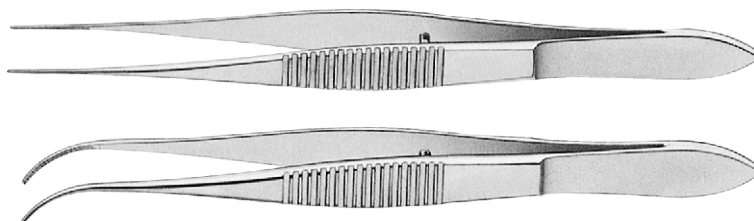
## Manhattan Fixation Forceps

**AE5 18-00**  
**AE5 18-00T**  
1x2 Angled Teeth with Tying Platform



## Graefe Dressing Forceps

Serrated, Delicate

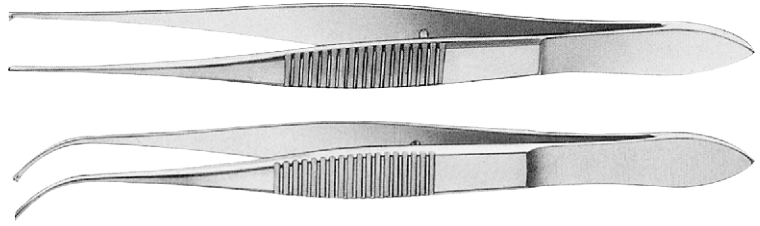


**AE5 18-01**  
Straight

**AE5 18-02**  
Curved



**Graefe Tissue Forceps**  
1x2 Teeth, Delicate



**AE5 18-03**  
Straight

**AE5 18-04**  
Curved

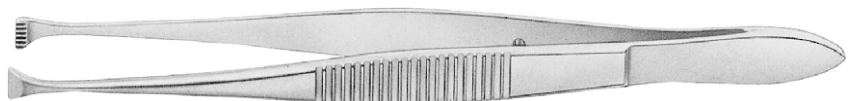
**Elsching Scleral Forceps**  
**AE5 18-05**  
Delicate



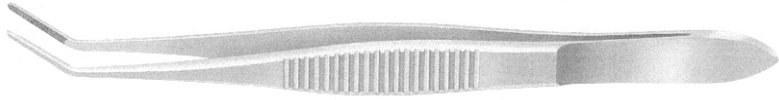
**Remky Superior Rectus Forceps**  
**AE5 18-06**  
1x2 Teeth



**Graefe Fixation Forceps**  
**AE5 18-07**  
4.5mm Wide



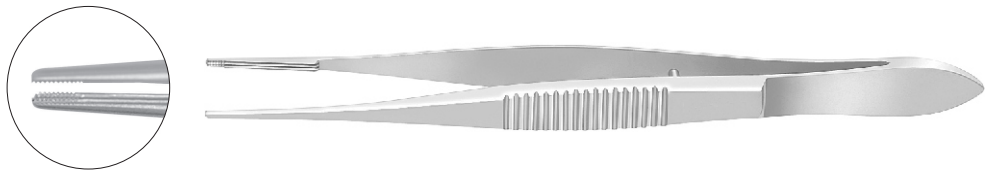
### Nugent Utility Forceps



**AE5 18-08**  
Smooth Jaws

**AE5 18-09**  
Serrated Jaws

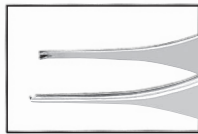
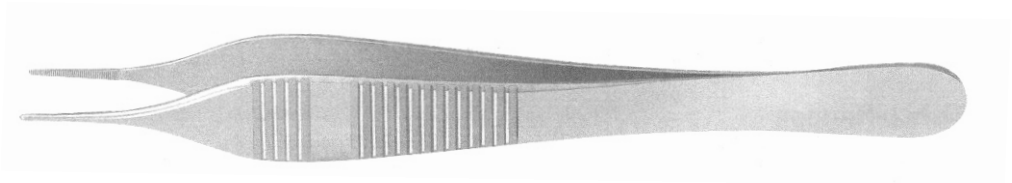
### Bonaccolto Conjunctiva Forceps



**AE5 18-10**  
1.2mm wide, Serrated jaws

**AE5 18-11**  
1.7mm wide, Serrated jaws

### Adson 125mm Long, Straight



1x2 teeth, delicate

**AE5 18-12**  
Dressing Forceps,  
Serrated Jaws,  
Delicate, 0.9mm

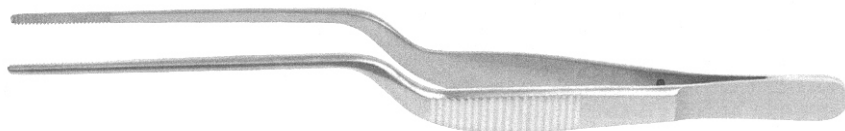
**AE5 18-13**  
Dressing Forceps,  
Serrated Jaws,  
Standard, 1.3mm

**AE5 18-14**  
Tissue Forceps,  
1x2 Teeth,  
Delicate, 0.9mm

**AE5 18-15**  
Tissue Forceps,  
1x2 Teeth,  
Standard, 1.3mm

### Bayonet Dressing Forceps

**AE5 18-16**  
146mm Long, Serrated Jaws



3/4

### Green Fixation Forceps

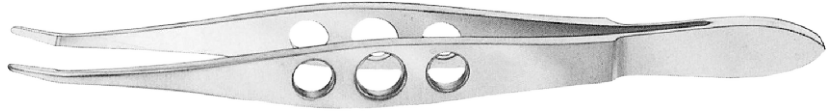


**AE5 18-17**  
5mm Wide, Multiple Teeth

**AE5 18-18**  
10mm Wide, Multiple Teeth

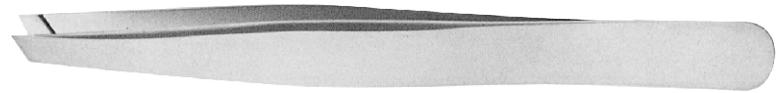
### Barraquer Cilia Forceps

**AE5 18-19**  
Lightly Angled, Smooth



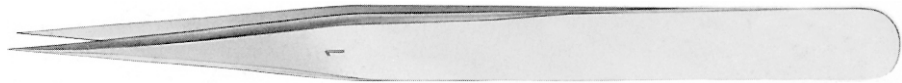
### Cilia Forceps

**AE5 18-20**  
Slanted



### Jewelers Forceps

**AE5 18-21**  
**AE5 18-21T**  
Standard, No. 1



### Jewelers Forceps

**AE5 18-22**  
**AE5 18-22T**  
Delicate, Short, No. 3C



### Jewelers Forceps

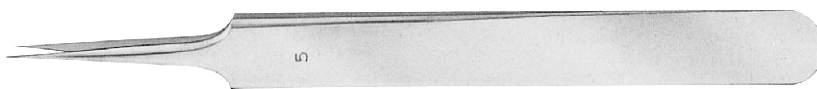
**AE5 18-23**  
**AE5 18-23T**  
Delicate, No. 3



Jewelers Forceps  
**AE5 18-24**  
**AE5 18-24T**  
Delicate, No. 4



Jewelers Forceps  
**AE5 18-25**  
**AE5 18-25T**  
Extra Delicate, No. 5



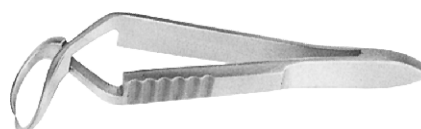
Jewelers Forceps  
**AE5 18-26**  
**AE5 18-26T**  
Extra Delicate, Angled, No. 5



Jewelers Forceps  
**AE5 18-27**  
**AE5 18-27T**  
Curved, No. 7



Baby Jones Towel Clamp  
**AE5 18-29**  
Cross-Action, 66mm



Backhaus Towel Clamp



**AE5 18-30**  
9cm

**AE5 18-31**  
13cm

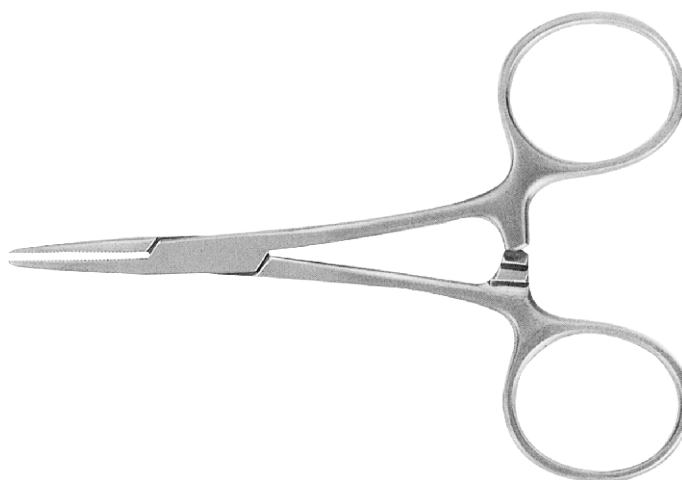
Serrefine Small



**AE5 18-32**  
Straight, 4cm

**AE5 18-33**  
Curved, 4cm

Hartmann Mosquito Forceps  
95mm



**AE5 18-34**  
Straight

**AE5 18-35**  
Curved

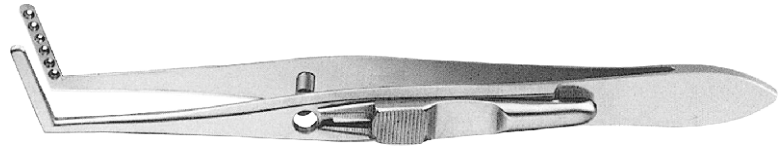
**Halstead**  
125mm



**AE5 18-36**  
Straight

**AE5 18-37**  
Curved

**Jameson Muscle Forceps**  
With Slide Lock  
6 Teeth



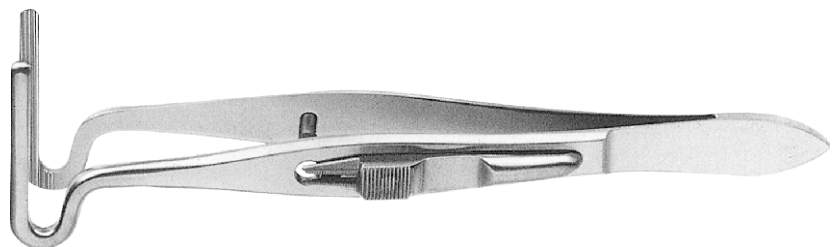
**AE5 18-38**  
Right

**AE5 18-39**  
Left

**Ptosis Lid Clamp**  
**AE5 18-40**  
6-Pin, Concave



**Berke Ptosis Forceps**  
With Slide Lock



**AE5 18-41**  
20mm Jaws

**AE5 18-42**  
27mm Jaws

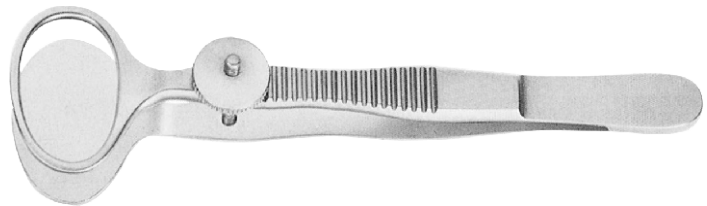
**Lambert Chalazion Forceps**  
**AE5 18-43**  
 Round, 8mm Dia.



**Hunt Chalazion Forceps**  
**AE5 18-44**  
 Delicate 95mm  
 Round, 12mm Dia.



**Desmarres Chalazion Forceps**

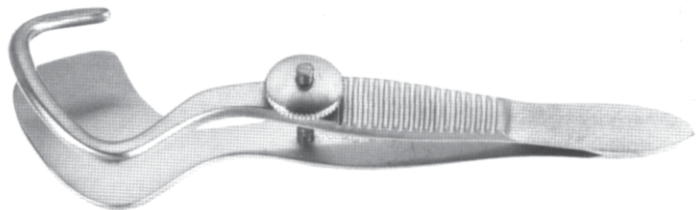


**AE5 18-45**  
 Small, 20mm

**AE5 18-46**  
 Medium, 24mm

**AE5 18-47**  
 Large, 32mm

**Snellen Entropion Forceps**



**AE5 18-48**  
 Right

**AE5 18-49**  
 Left

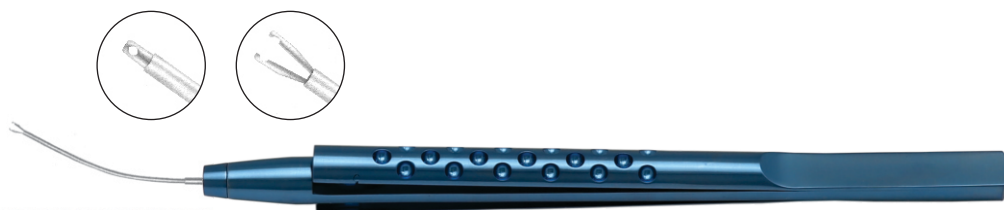
**Watzke Sleeve Spreading Forceps**  
**AE5 18-50**  
 Serrated 10mm tips, Angled 30°



**Lens Holding Forceps**

**AE5 18-51T**

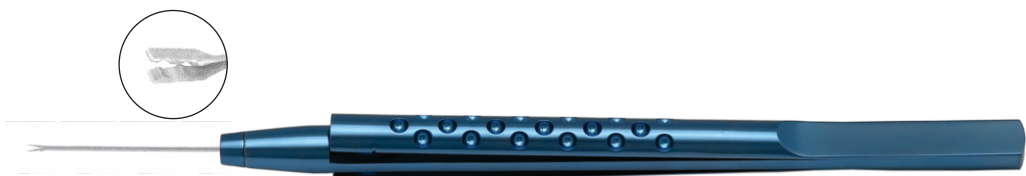
23 Gauge, Delicate End, 90° Jaws, Squeeze Handle Mechanism



**ICL Lens Cartridge Loading Forceps**

**AE5 18-52T**

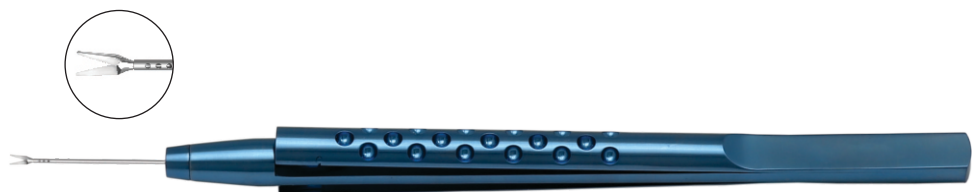
20 Gauge, Straight



**Micro Lens Cutter**

**AE5 18-53T**

For cutting soft acrylic and silicone IOLs  
4mm long Stainless steel notched blades.



**Lens Cutting & Holding Forceps**

**AE5 18-54T**

To cut and remove all types of foldable intraocular lens  
Flat Titanium Handle Double Action, Stainless Steel Tips



**Lens Cutting Forceps**

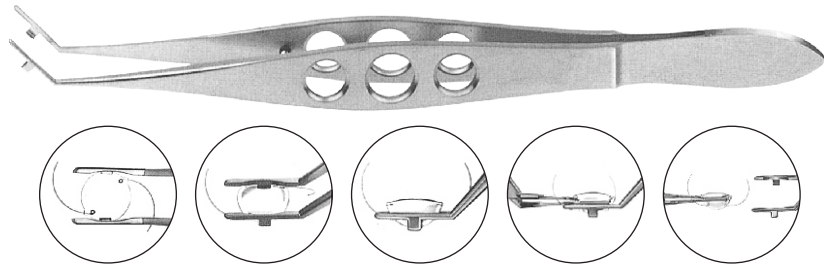
**AE5 18-55T**

Blade Length 7.7mm  
Flat Titanium Double Action, Stainless Steel Tips

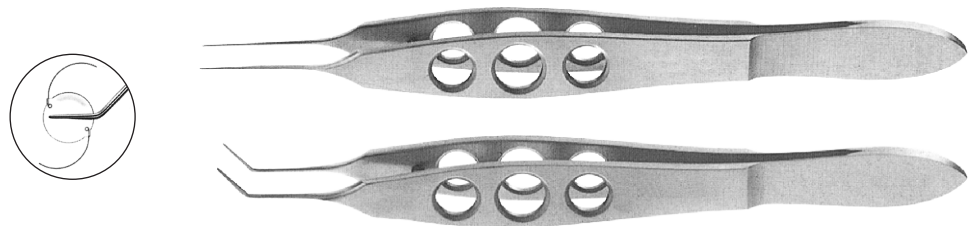




**Livernois Pick-up & Holding Forceps**  
**AE5 18-56**  
**AE5 18-56T**  
 for Soft IOL in one motion



**Livernois Pick-up & Holding Forceps**  
 IOL Holding Forceps Highly Polished Conical Jaws



**AE5 18-57**  
**AE5 18-57T**  
 Straight

**AE5 18-58**  
**AE5 18-58T**  
 Angled

**Faulkner Lens Holding Forceps**  
**AE5 18-59**  
**AE5 18-59T**  
 Smooth jaws, Rounded



**Kelman-McPherson Lens Holding Forceps**  
**AE5 18-60**  
**AE5 18-60T**  
 Cross-Action



**Ernest-McDonald IOL Inserting Forceps**



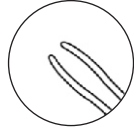
**AE5 18-61**  
**AE5 18-61T**  
 5mm Jaws, Cross-Action

**AE5 18-62**  
**AE5 18-62T**  
 6mm Jaws, Cross-Action

**Spaleck Soft IOL Inserting Forceps**

**AE5 18-63**  
**AE5 18-63T**

For Foldable Acrylic and Thin  
Silicone Lenses  
Extra Delicate



**Bipolar Forceps Jewelers Type**

**AE5 18-64**

Pointed tips, Straight



**Bipolar Forceps McPherson Type**

**AE5 18-65**

Blunt tips, Angled



**Bipolar Coaptation Forceps**

**AE5 18-66**

Pointed Tips



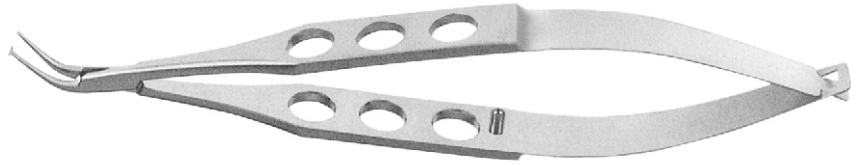
**Bipolar Cord**

**AE5 18-67**



**Sinsky Lens Holding Forceps**

**AE5 18-68**  
**AE5 18-68T**  
 Delicate T-Shaped



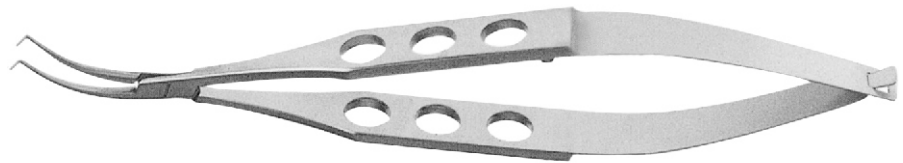
**Jaffe-Blaydes Lens Holding Forceps**

**AE5 18-69**  
**AE5 18-69T**  
 Very Delicate, Angled 30°, Narrow Smooth Jaws



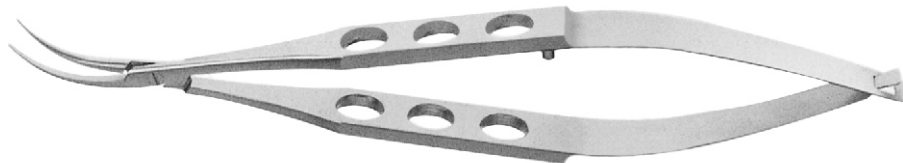
**Clayman Lens Holding Forceps**

**AE5 18-70**  
**AE5 18-70T**  
 Delicate Angled Jaws



**Kratz Lens Holding Forceps**

**AE5 18-71**  
**AE5 18-71T**  
 Very Delicate, Curved, Narrow Smooth Jaws

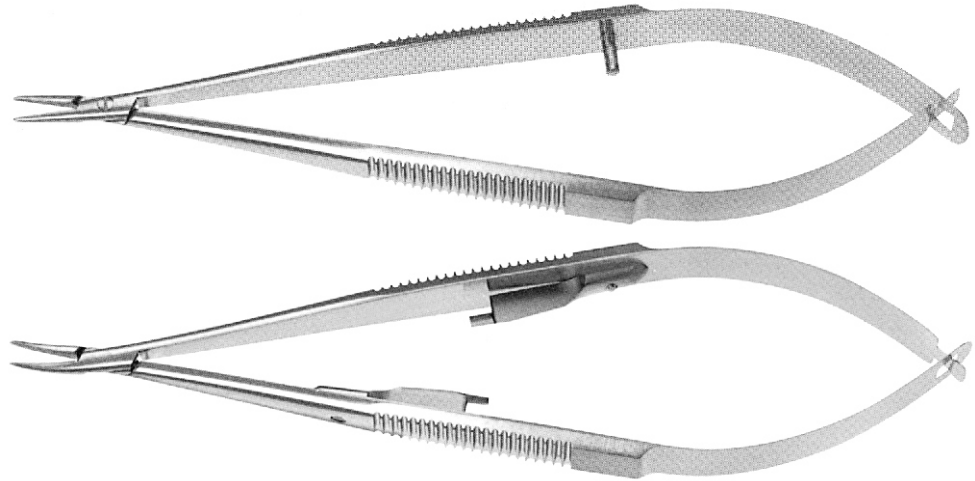


**Shepard Lens Holding Forceps**

**AE5 18-72**  
**AE5 18-72T**  
 With Serrated Lower Jaw



**Castroviejo Needleholder**  
Delicate Jaws, 140mm Long



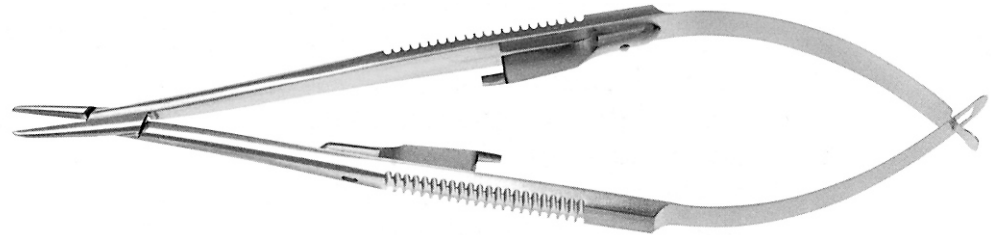
**AE5 20-00**  
Straight, with Lock

**AE5 20-01**  
Straight, without Lock

**AE5 20-02**  
Curved, with Lock

**AE5 20-03**  
Curved, without Lock

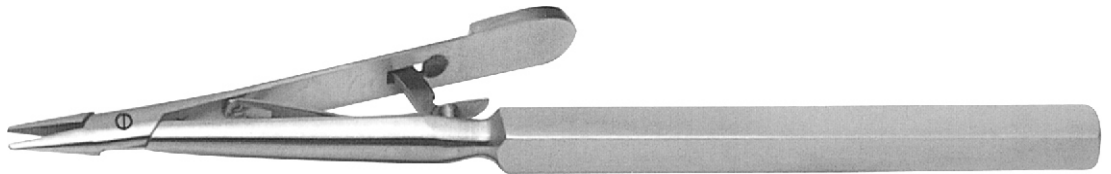
**Castroviejo Needleholder**  
Standard Jaws, 140mm Long



**AE5 20-04**  
Straight

**AE5 20-05**  
Curved

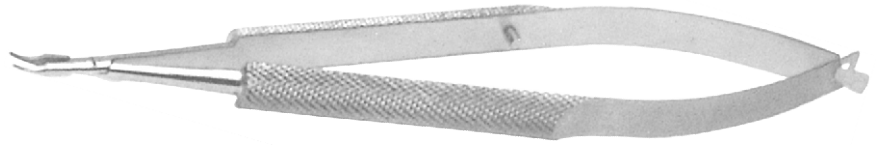
**Silcocks Needleholder**  
**AE5 20-06**  
145mm 5.75"



**Kalt Needleholder**  
**AE5 20-07**  
Delicate smooth jaws, Straight with lock



**Birks Needleholder**  
**AE5 20-08**  
**AE5 20-08T**  
 Extra Delicate, Without Lock



**Drews Needleholder**  
 Extra Delicate Jaws



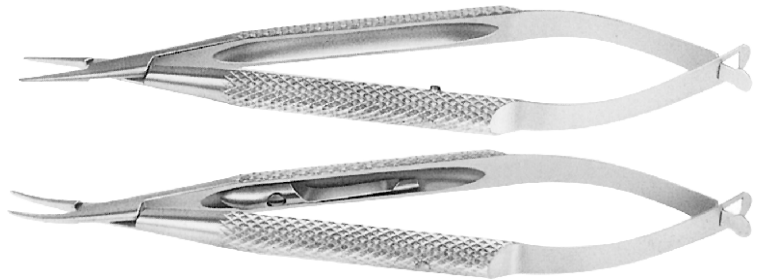
**AE5 20-09**  
**AE5 20-09T**  
 Straight, With Lock

**AE5 20-10**  
**AE5 20-10T**  
 Straight, Without Lock

**AE5 20-11**  
**AE5 20-11T**  
 Curved, With Lock

**AE5 20-12**  
**AE5 20-12T**  
 Curved, Without Lock

**Barraquer Needleholder**  
 Short Model, Very Delicate Jaws 10cm



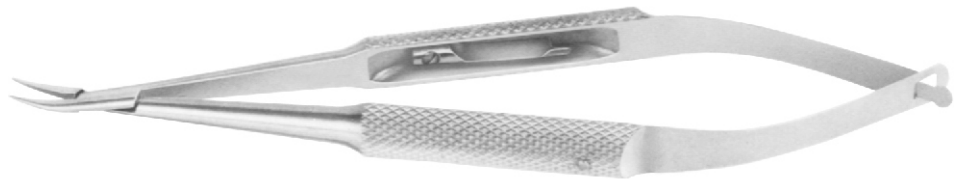
**AE5 20-13**  
**AE5 20-13T**  
 Straight, With Lock

**AE5 20-14**  
**AE5 20-14T**  
 Straight, Without Lock

**AE5 20-15**  
**AE5 20-15T**  
 Curved, With Lock

**AE5 20-16**  
**AE5 20-16T**  
 Curved, Without Lock

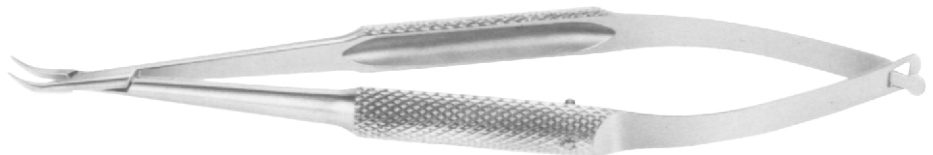
**Barraquer Needleholder**  
 Very Delicate Curved Jaws 13cm



**AE5 20-17**  
**AE5 20-17T**  
 With Lock

**AE5 20-18**  
**AE5 20-18T**  
 Without Lock

**Troutman Needleholder**  
 Delicate, Strongly Curved Jaws



**AE5 20-19**  
**AE5 20-19T**  
 With Lock

**AE5 20-20**  
**AE5 20-20T**  
 Without Lock

### McPherson Needleholder

Extra Delicate Jaws



**AE5 20-21**  
**AE5 20-21T**  
Straight, With Lock

**AE5 20-22**  
**AE5 20-22T**  
Straight, Without Lock

**AE5 20-23**  
**AE5 20-23T**  
Curved, With Lock

**AE5 20-24**  
**AE5 20-24T**  
Curved, Without Lock

### Extra Fine Needle Holder

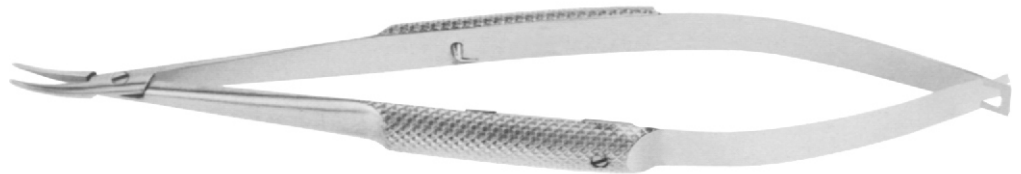


**AE5 20-25T**  
Straight, Length of Jaws 6mm  
Flat Titanium Handle Double Action  
Stainless Steel Tips

**AE5 20-26T**  
Curved, Length of Jaws 6mm  
Flat Titanium Handle Double Action  
Stainless Steel Tips

### Barraquer Needleholder

Standard Curved Jaws 13cm



**AE5 20-27**  
**AE5 20-27T**  
With Lock

**AE5 20-28**  
**AE5 20-28T**  
Without Lock

### Anis Needleholder

Extra Delicate Jaws



**AE5 20-29**  
**AE5 20-29T**  
Straight, With Lock

**AE5 20-30**  
**AE5 20-30T**  
Straight, Without Lock

**AE5 20-31**  
**AE5 20-31T**  
Curved, With Lock

**AE5 20-32**  
**AE5 20-32T**  
Curved, Without Lock

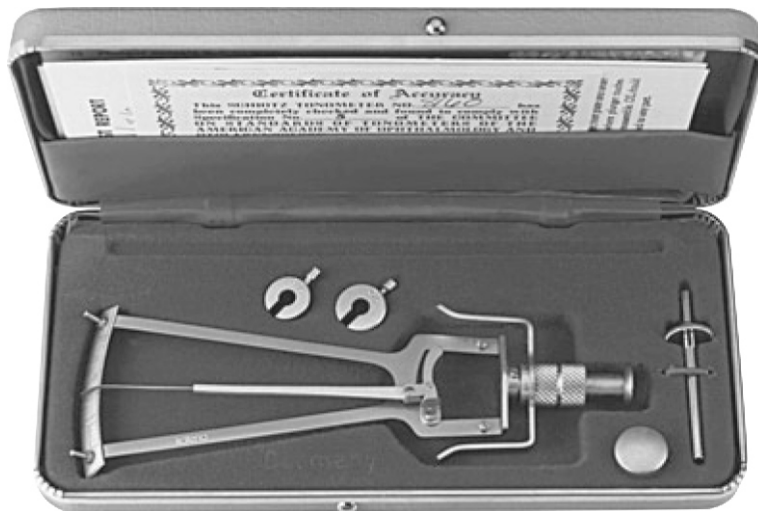
## Corneal Trephine Blades & Handles



Universal Trephine Handle  
**AE9 12-95**

<b>AE9 12-80</b> 6.0mm	<b>AE9 12-81</b> 6.5mm	<b>AE9 12-82</b> 6.75mm	<b>AE9 12-83</b> 7.0mm	<b>AE9 12-84</b> 7.25mm
<b>AE9 12-85</b> 7.5mm	<b>AE9 12-86</b> 7.75mm	<b>AE9 12-87</b> 8.0mm	<b>AE9 12-88</b> 8.25mm	<b>AE9 12-89</b> 8.5mm
<b>AE9 12-90</b> 8.75mm	<b>AE9 12-91</b> 9.0mm	<b>AE9 12-92</b> 9.5mm	<b>AE9 12-93</b> 14.0mm	<b>AE9 12-94</b> 16.0mm

## Schiotz Tonometer **AE9 12-95** Autoclavable inclined scale



## Scleral Shield **AE9 13-10** Set of 2 20x28mm - 22x30mm

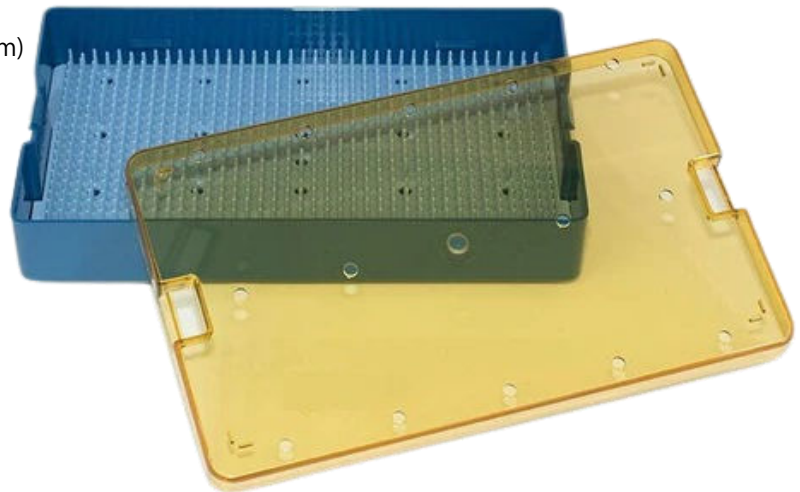


# STERILIZING TRAYS

**Sterilizing Tray**  
**AE9 14-01**  
With Silicon Mat  
(190mm x 102mm x 38mm)



**Sterilizing Tray**  
**AE9 14-00**  
With Silicon Mat  
(254mmx152mmx38mm)



**Sterilizing Tray Double**  
**AE9 14-02**  
With Two Silicon Mats  
(254mmx152mmx38mm)

