



# **anodynesurgical.**

Disposable Ophthalmic Instruments



FM35007





At Anodyne Surgical, COMMITMENT is our way of life.

We are proud to make products with the precision and quality that our customers expect. We never lose sight of the tremendous responsibility that our products are used to improve patients' vision. We strive to be our customers' supplier of choice by developing strong relationships and going the extra mile to meet new and challenging customer needs. We are committed to responsiveness and flexibility.

We are committed to each other within the company; to success in the workplace as well as providing a safe and encouraging environment where people take pride in their accomplishments and know they are valued as an employee and as a person. As a privately owned and operated company, we strive to make Anodyne a company where our people enjoy coming to work each day.



We are committed to continually improving ourselves – as an organization and as people: Certifications and Registrations, Open Book Management and investments in employee training and development.

We are committed to share our successes with our employees: gain sharing and competitive health and investment programs.

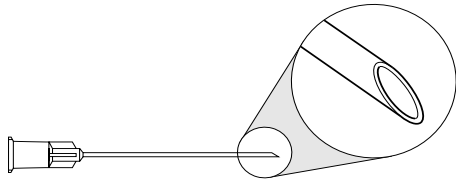
Our name comes from the ancient Greek word 'Anodynos' meaning 'to be without pain or to remove pain, i.e., soothing'. It is a creed we are committed to live by – to make products that allow for a pain free, soothing experience for the patient and the doctor, and to make relationships a pleasant, soothing experience for our customers as well as for our employees.

Stacey Berisford, President and CEO

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# Retrobulbars and Peribulbars

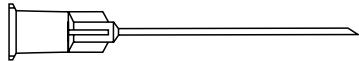
## Atkinson Retrobulbar



Designed for administration of anesthetics into the muscle cone of the eye.

Item No.	Size
0004H	23g x 38mm (1-1/2")
0003H	25g x 38mm (1-1/2")
0001H	27g x 38mm (1-1/2")

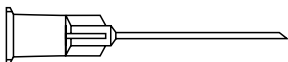
## Atkinson Peribulbar



Designed for administration of anesthesia outside the muscle cone around the globe, thus minimizing the potential for intraocular or intradural injection.

Item No.	Size
0004F	23g x 32mm (1-1/4")
0003F	25g x 32mm (1-1/4")
0001F	27g x 32mm (1-1/4")

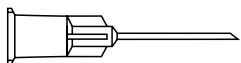
## Atkinson Peribulbar



Designed for administration of anesthesia outside the muscle cone around the globe, thus minimizing the potential for intraocular or intradural injection.

Item No.	Size
0004C	23g x 22mm (7/8")
0003C	25g x 22mm (7/8")
0001C	27g x 22mm (7/8")

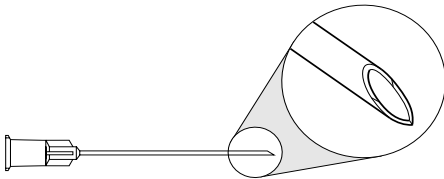
## Atkinson Peribulbar



Designed for administration of anesthesia outside the muscle cone around the globe, thus minimizing the potential for intraocular or intradural injection.

Item No.	Size
0003A	25g x 16mm (5/8")
0004A	23g x 16mm (5/8")

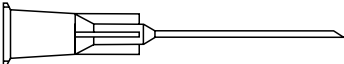
Non Atkinson Retrobulbar



Designed for administration of anesthetics into the muscle cone of the eye.

Item No.	Size
0008	25g x 38mm (1-1/2")
0009	26g x 38mm (1-1/2")
0010	27g x 38mm (1-1/2")

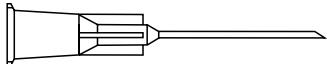
Non Atkinson Peribulbar



Designed for administration of anesthesia outside the muscle cone around the globe, thus minimizing the potential for intraocular or intradural injection.

Item No.	Size
0011	25g x 25mm (1")

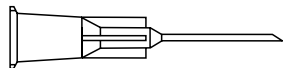
Non Atkinson Peribulbar



Designed for administration of anesthesia outside the muscle cone around the globe, thus minimizing the potential for intraocular or intradural injection.

Item No.	Size
0012	25g x 22mm (7/8")

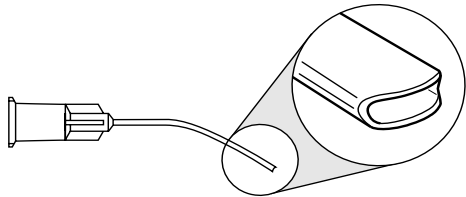
Non Atkinson Peribulbar



Designed for administration of anesthesia outside the muscle cone around the globe, thus minimizing the potential for intraocular or intradural injection.

Item No.	Size
0013	23g x 16mm (5/8")
0014	25g x 16mm (5/8")
0015	27g x 16mm (5/8")
0016	30g x 16mm (5/8")

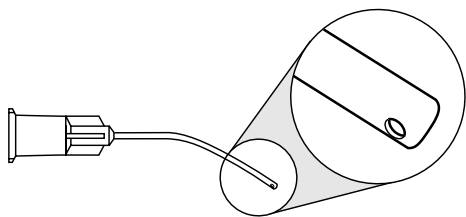
### Sub Tenon Anesthesia Cannulas - Curved



For administering anesthetic agents into the posterior sub-Tenon's space

Item No.	Size
0020	19g x 25mm (1") Curved, flattened tip

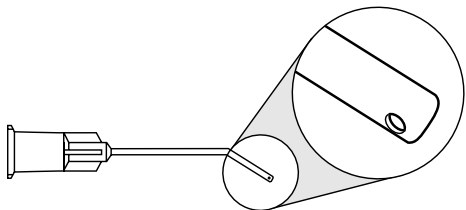
### Sub Tenon Anesthesia Cannulas - Curved



For administering anesthetic agents into the posterior sub-Tenon's space

Item No.	Size
0021	21g x 22mm (7/8") Curved, tri port
0023	19g x 32mm (1") Curved, tri port

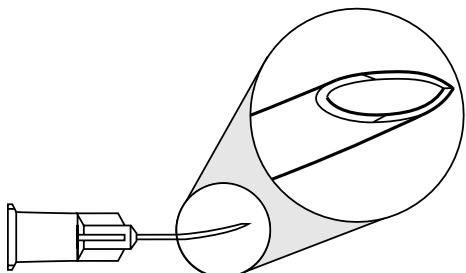
### Sub Tenon Anesthesia Cannulas - Angled



For administering anesthetic agents into the posterior sub-Tenon's space

Item No.	Size
0022	21g x 22mm (7/8") 7mm Angled tip, tri port
0024	19g x 25mm (1") 7mm Angled tip, tri port






### Rous Sub Tenon / Parabulbar Needle



This needle was developed by Dr. Stanley Rous of Fort Lauderdale, FL. It is a 25g x 16mm (5/8") needle gently curved with the bevel on the inside of the curve. This enables safe injection of anesthetic, steroid or antibiotics under direct visualization. The gentle curve and bevel down configuration significantly reduces the risk of potential needle complications compared to long retrobulbar or peribulbar needles that require blind passage and that cannot follow the curvature of the globe.

Item No.	Size
0027S	25g x 16mm (5/8") Extra sharp, curved

# Anterior Chamber Cannulas

	3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	11mm	12mm
										
30g	1000-3	1000-4	1000-5	1000-6	1000-7	1000-8	1000-9	1000-10	1000-11	1000-12
27g	1001-3	1001-4	1001-5	1001-6	1001-7	1001-8	1001-9	1001-10	1001-11	1001-12
25g	1003-3	1003-4	1003-5	1003-6	1003-7	1003-8	1003-9	1003-10	1003-11	1003-12
23g	1004-3	1004-4	1004-5	1004-6	1004-7	1004-8	1004-9	1004-10	1004-11	1004-12
21g	1006-3	1006-4	1006-5	1006-6	1006-7	1006-8	1006-9	1006-10	1006-11	1006-12
20g	1007-3	1007-4	1007-5	1007-6	1007-7	1007-8	1007-9	1007-10	1007-11	1007-12
19g	1008-3	1008-4	1008-5	1008-6	1008-7	1008-9	1008-9	1008-10	1008-11	1008-12

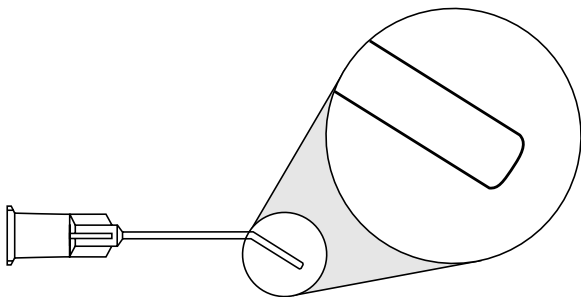
Anterior Chamber Cannulas (also known as: Air Injection, Rycroft, and Viscoelastic Cannulas) are used to irrigate the anterior chamber and moisten the cornea during cataract surgery. They have smooth rounded ends for the safe introduction of viscoelastic.

Anodyne Surgical offers and stocks a wide variety of Anterior Chamber Cannulas.

To use the chart above, select the desired gauge and length of bend, then record that catalog number. (For example, a 27g cannula with a 6mm bend would be catalog number 1001-6). The drawings at the top of each column depict actual length of the bend.

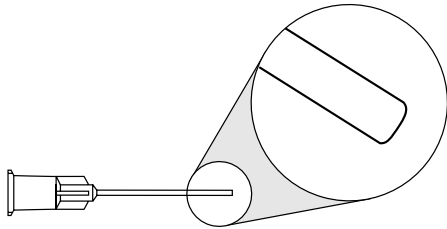
Anterior Chamber Cannulas have the following specifications:

- angle - 32°
- length - 22mm (7/8") PLEASE NOTE: 19g and 20g are 25mm (1")
- Rounded Blunt ends for smoother insertion



\*Thin Wall Anterior Chamber Cannulas can be found on Page 6.

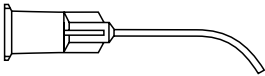
### Anterior Chamber Cannula - Straight



Also known as Air Injection, Rycroft and Viscoelastic Cannulas are used to irrigate the anterior chamber and moisten the cornea during cataract surgery. They have smooth rounded ends for the safe introduction of viscoelastic.

Item No.	Size
1100S	30g x 22mm (7/8")
1101S	27g x 22mm (7/8")
1103S	25g x 22mm (7/8")
1104S	23g x 22mm (7/8")
1104SL	23g x 32mm (7/8")
1106S	21g x 22mm (7/8")
1107S	20g x 25mm (1")
1108S	19g x 25mm (1")

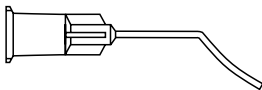
### Anterior Chamber Cannula - Curved



Also known as Air Injection, Rycroft and Viscoelastic Cannulas are used to irrigate the anterior chamber and moisten the cornea during cataract surgery. They have smooth rounded ends for the safe introduction of viscoelastic.

Item No.	Size
1100C	30g x 22mm (7/8")
1101C	27g x 22mm (7/8")
1103C	25g x 22mm (7/8")
1104C	23g x 22mm (7/8")
1106C	21g x 22mm (7/8")
1107C	20g x 25mm (1")
1108C	19g x 25mm (1")






### Viscoelastic Cannulas - Formed



The viscoelastic cannula is for the safe introduction of viscoelastic material into the anterior chamber of the eye.

Item No.	Size
1200	27g x 22mm (7/8") Formed 11mm from tip



	3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	11mm	12mm
										
25gTW	2003-3	2003-4	2003-5	2003-6	2003-7	2003-8	2003-9	2003-10	2003-11	2003-12
23gTW	2004-3	2004-4	2004-5	2004-6	2004-7	2004-8	2004-9	2004-10	2004-11	2004-12

Thin Wall Anterior Chamber Cannulas (also known as: Air Injection, Rycroft and Viscoelastic Cannulas).

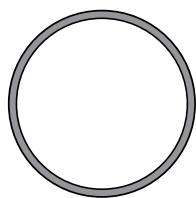
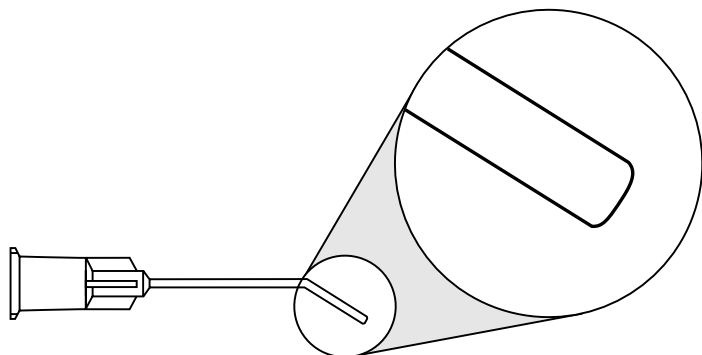
Anodyne Surgical offers and stocks the widest variety of Thin Wall Anterior Chamber Cannulas. To use the chart above, select the desired gauge and length of bend, then record that catalog number.

Thin Wall Anterior Chamber Cannulas have the following specifications:

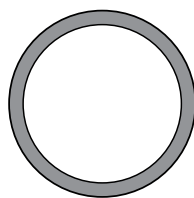
- angle - 32°
- length - 22mm (7/8")
- Rounded Blunt ends for smoother insertion

Why Thin Wall Cannulas? There are many advantages to Thin Wall Cannulas:

1. The inside diameter is approximately 2 gauge sizes larger, therefore a 25g T.W. lumen is approximately the same as the inside lumen on a 23g (see illustration).
2. Viscous materials flow through the cannulas with less effort.
3. Thin Wall Cannulas allow the advantages of a larger bore through a smaller cannula.



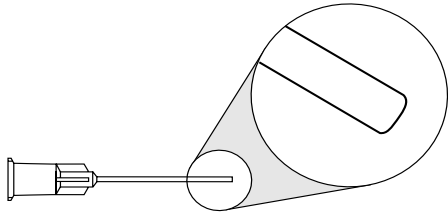
Thin Wall



Regular Wall

\*Regular Wall Anterior Chamber Cannulas can be found on Page 4 .

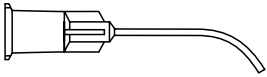
Anterior Chamber Cannula - Straight, Thin Wall



Also known as Air Injection, Rycroft and Viscoelastic Cannulas are used to irrigate the anterior chamber and moisten the cornea during cataract surgery.

Item No.	Size
2103S	25g x 22mm (7/8") Thin Wall
2104S	23g x 22mm (7/8") Thin Wall

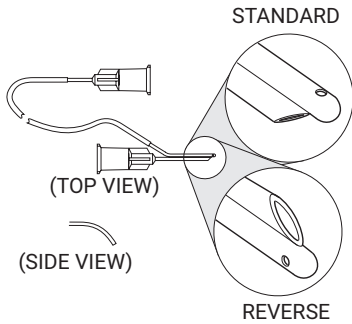
Anterior Chamber Cannula - Curved, Thin Wall



Also known as Air Injection, Rycroft and Viscoelastic Cannulas are used to irrigate the anterior chamber and moisten the cornea during cataract surgery.

Item No.	Size
2103C	25g x 22mm (7/8") Thin Wall
2104C	23g x 22mm (7/8") Thin Wall

## Double and Reverse Barrel I/A Cannula [Simcoe]

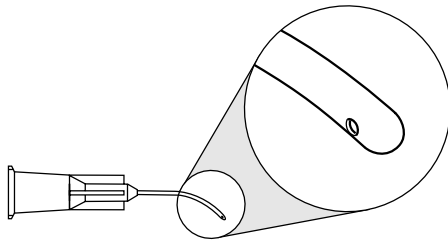


For smooth injection of fluids. Irrigation is provided through cannula with open end port. Aspiration is provided through flexible tubing attached to cannula with side port.

30.5 cm (12") silicone tubing:  
ID - 0.75mm (0.030")  
OD - 1.65mm (0.065")

Item No.	Size
3003	Double Barrel 23g/23g x 16mm (5/8") curved, side port 0.3mm
3003A	Double Barrel 23g/23g x 16mm (5/8") curved, side port 0.4mm
3003L	Double Barrel 23g/23g x 22mm (7/8") curved, side port 0.3mm
3004	Reverse Barrel 23g/23g x 16mm (5/8") curved, side port 0.3mm

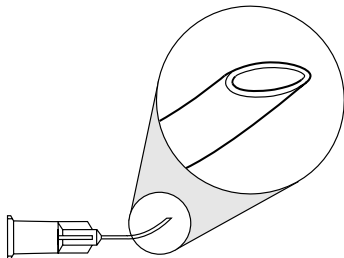
## Cortex Extractor [Simcoe]



Used to aspirate cortex during cataract surgery. For aspirating when chamber is maintained with a viscoelastic, anterior chamber maintainer or other independent source.

Item No.	Size
3005	23g x 16mm (5/8") Curved, side port 0.3mm
3006	23g x 22mm (7/8") Curved, side port 0.3mm

## Cortex Extractor [Charleaux]

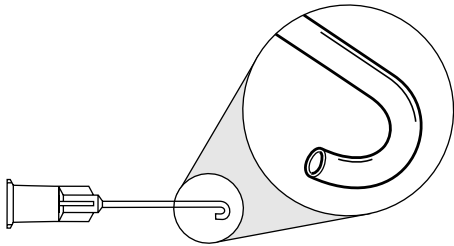


Used to aspirate cortex during cataract surgery. For aspirating when chamber is maintained with a viscoelastic, anterior chamber maintainer or other independent source.

Item No.	Size
3007	23g x 13mm (1/2") Curved

# J-Shaped Cannulas

## J-Shaped Cannula

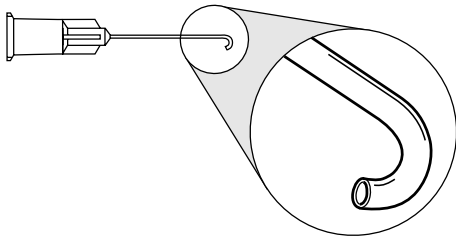


The tip of this cannula is specifically designed to remove cortex located between 10 o'clock and 2 o'clock.

J-Shape measurement is height x width

Item No.	Size
4000	30g x 22mm (7/8") 1.5mm H x 1.5mm W
4001	27g x 22mm (7/8") 1.5mm H x 1.5mm W
4003	25g x 22mm (7/8") 1.5mm H x 1.75mm W
4004	23g x 22mm (7/8") 2mm H x 2mm W
4006	21g x 22mm (7/8") 2mm H x 2mm W

## Micro J-Shaped Cannula [Hessburg]

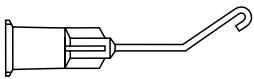


The tip of this cannula is specifically designed to remove cortex located between 10 o'clock and 2 o'clock.

J-Shape measurement is length x width

Item No.	Size
4003M	25g x 22mm (7/8") 0.85mm L x 1.7mm W

## J-Shaped Cannula

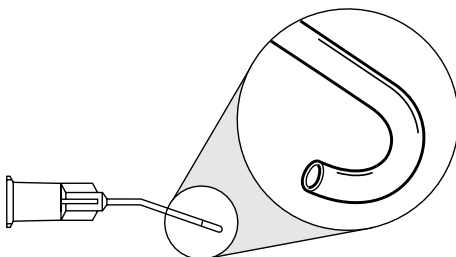


The tip of this cannula is specifically designed to remove cortex located between 10 o'clock and 2 o'clock.

J-Shape measurement is height x width

Item No.	Size
4003-10	25g x 22mm (7/8") 2mm H x 2mm W 10mm Angled tip 45°
4004-10	23g x 22mm (7/8") 2mm H x 2mm W 10mm Angled tip 45°

## J-Shaped Cannula [Binkhorst]

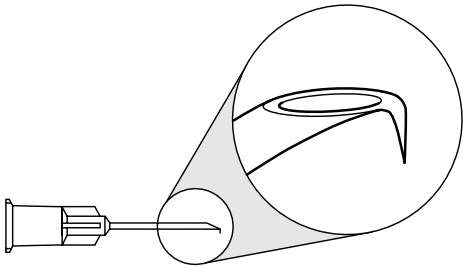


The tip of this cannula is specifically designed to remove cortex located between 10 o'clock and 2 o'clock.

J-Shape measurement is height x width

Item No.	Size
4003-17L	25g x 22mm (7/8") 1.5mm H x 1.75mm W 12mm Angled tip 18°
4003-17R	25g x 22mm (7/8") 1.5mm H x 1.75mm W 12mm Angled tip 18°

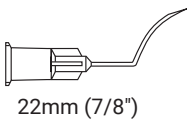
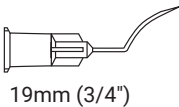
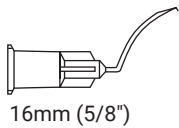
## Irrigating Cystotomes - Straight



Irrigating cystotomes are used to perform capsulorhexis. Tip is designed for opening of anterior capsule.

Item No.	Size
5000AS	30g x 16mm (5/8")
5001AS	27g x 16mm (5/8")
5003AS	25g x 16mm (5/8")
5003CS	25g x 22mm (7/8")
5004AS	23g x 16mm (5/8")
5004BS	23g x 19mm (3/4")

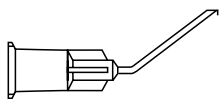
## Irrigating Cystotomes - Formed



Irrigating cystotomes are used to perform capsulorhexis. Tip is designed for opening of anterior capsule.

Item No.	Size
5000AF	30g x 16mm (5/8")
5001AF	27g x 16mm (5/8")
5003AF	25g x 16mm (5/8")
5003CF	25g x 22mm (7/8")
5004AF	23g x 16mm (5/8")
5004BF	23g x 19mm (3/4")

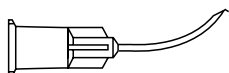
## Irrigating Cystotomes - Angled



Irrigating cystotomes are used to perform capsulorhexis. Tip is designed for opening of anterior capsule.

Item No.	Size
5001AA	27g x 16mm (5/8")
5003AA	25g x 16mm (5/8")

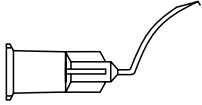
## Irrigating Cystotomes - [Joyce]



Irrigating cystotomes are used to perform capsulorhexis. Tip is designed for opening of anterior capsule.

Item No.	Size
5001AC	27g x 16mm (5/8")
5003AC	25g x 16mm (5/8")

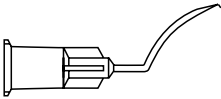
### Irrigating Cystotomes - Side Cut



Irrigating cystotomes are used to perform capsulorhexis. Tip is designed for opening of anterior capsule.

Item No.	Size
5003ASC	25g x 16mm (5/8")

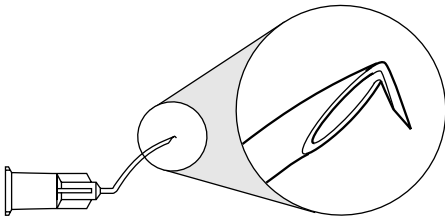
### Irrigating Cystotomes - Small Radius



Irrigating cystotomes are used to perform capsulorhexis. Tip is designed for opening of anterior capsule.

Item No.	Size
5001ASR	27g x 16mm (5/8")
5003ASR	25g x 16mm (5/8")

### Irrigating Cystotomes - Reverse Formed

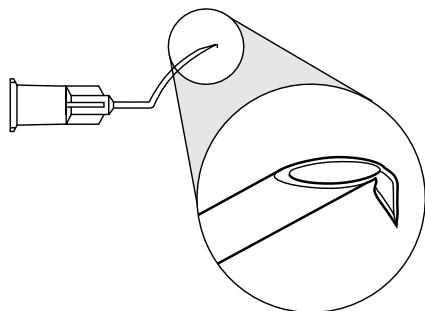


Irrigating cystotomes are used to perform capsulorhexis. Tip is designed for opening of anterior capsule.

Tip is angled 90° towards bevel

Item No.	Size
5003ARF	25g x 16mm (5/8")

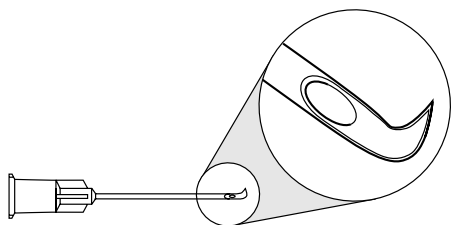
### Capsulorhexis Cystotomes - Formed and Straight



Sharp tip cystotome for creating an opening into the anterior capsule, nucleus dislocating or other intraocular applications. Tip is angled 90° then rotated 90°. Special tip allows control of flap during continuous curvilinear capsulotomies.

Item No.	Size
5007	27g x 16mm (5/8") Formed Tip is twisted 90°
5007S	27g x 16mm (5/8") Straight Tip is twisted 90°
5008	25g x 16mm (5/8") Formed Tip is twisted 90°
5008S	25g x 16mm (5/8") Straight Tip is twisted 90°
5009	23g x 16mm (5/8") Formed Tip is twisted 90°
5009S	23g x 16mm (5/8") Straight Tip is twisted 90°

### Irrigating Sharp Cystotomes - [Kelman] Straight

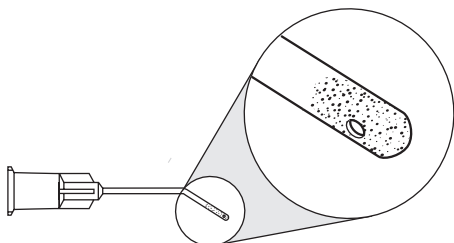


Sharp tip cystotome for creating an opening into the anterior capsule, nucleus dislocating or other intraocular applications. Tip is angled 90° then rotated 90°. Special tip allows control of flap during continuous curvilinear capsulotomies.

Item No.	Size
5010	22g x 25mm (1")

# Capsule Polishers

## Capsule Polisher - Side Port

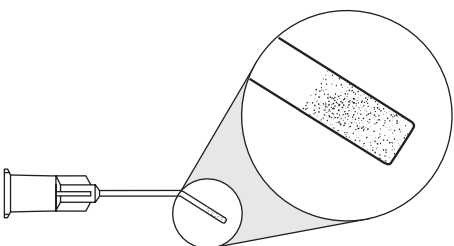


For polishing and cleaning residual cortex from the capsular bag in preparation for insertion of the intraocular lens.

7mm angled tip (37°)  
3mm sandblasted closed distal end  
0.3mm side port

Item No.	Size
6000	21g x 22mm (7/8")
6001	23g x 22mm (7/8")

## Capsule Polisher - Open End

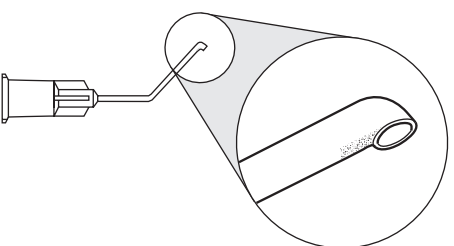


For polishing and cleaning residual cortex from the capsular bag in preparation for insertion of the intraocular lens.

7mm angled tip (37°)  
3mm sandblasted distal end

Item No.	Size
6002	21g x 22mm (7/8")
6003	23g x 22mm (7/8")

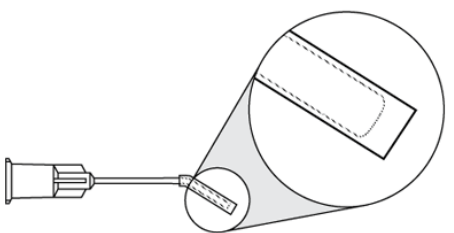
## Posterior Capsule Scraper



12mm angled tip (45°)  
2mm sandblasted distal end angled 90°

Item No.	Size
6005	23g x 22mm (7/8")

## Silicone Tip Capsule Polisher - Squeegee



Designed for polishing and cleaning the posterior capsule including the equatorial area, prior to insertion of the intraocular lens.

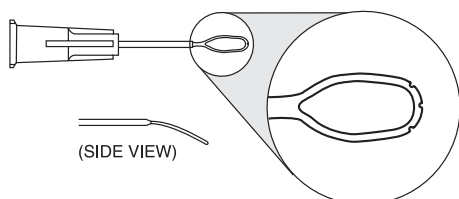
7mm or 9mm angled tip (32°)  
10mm or 12mm silicone tubing  
0.5mm (0.020") ID x 0.95mm (0.037")  
0.3mm (0.012") ID x 0.6mm (0.025")

Item No.	Size
6006	23g x 22mm (7/8") 7mm bend
6007	27g x 22mm (7/8") 7mm bend
6008	23g x 22mm (7/8") 9mm bend



# Nucleus Removal, Irrigating Hydrodissection Hydrodelineation

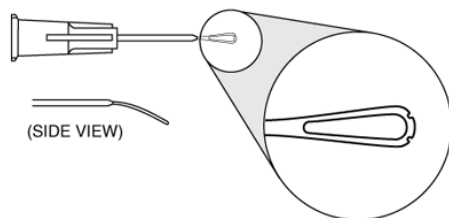
## Irrigating Vectis



Irrigating cystotomes are used to perform capsulorhexis. Tip designed for opening of anterior capsule.

Item No.	Size
7000	24g x 5mm width 0.3mm (1) port
7003	24g x 5mm width 0.3mm (3) ports

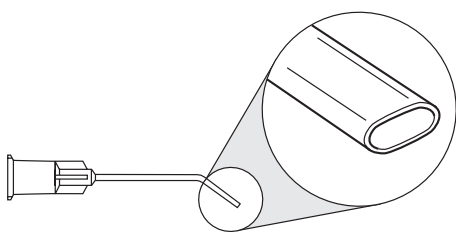
## Irrigating Vectis



Irrigating cystotomes are used to perform capsulorhexis. Tip designed for opening of anterior capsule.

Item No.	Size
7001	24g x 3mm width 0.3mm (1) port
7002	24g x 4mm width 0.3mm (2) ports

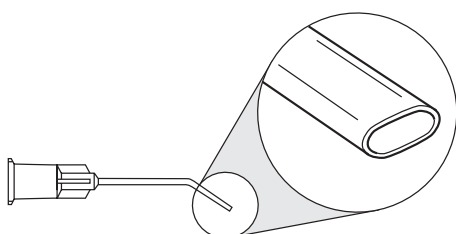
## Anterior Chamber Washout Cannula



8mm angled tip (32°)  
Flattened from bend to end  
Smooth oval shaped tip

Item No.	Size
7004	19g x 25mm (1")

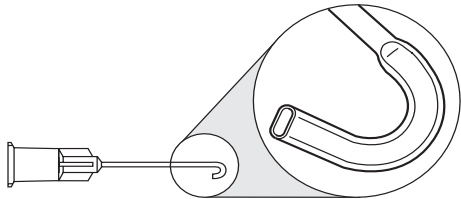
## Hydrodissection Cannula



8mm angled tip (32°)  
Flattened from bend to end  
Smooth oval shaped tip

Item No.	Size
7005	30g x 22mm (7/8")
7006	27g x 22mm (7/8")
7007	25g x 22mm (7/8")
7008	23g x 22mm (7/8")

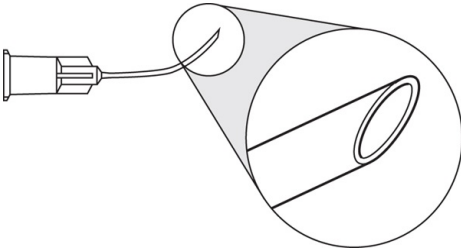
### J-Shaped Hydrodissection Cannula



"J" Shape  
1.5mm high x 1.5mm wide  
Smooth oval-shaped tip  
Flattened "J" shaped tip

Item No.	Size
7009A	30g x 22mm (7/8")
7009B	27g x 22mm (7/8")
7009C	25g x 22mm (7/8)

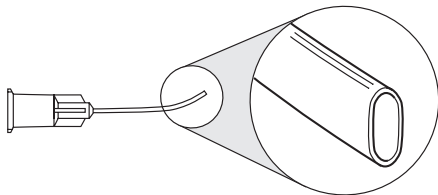
### Hydrodelineation Needle [Kellan]



Shortened bevel

Item No.	Size
7010	25g x 22mm (7/8")
7011	27g x 22mm (7/8")

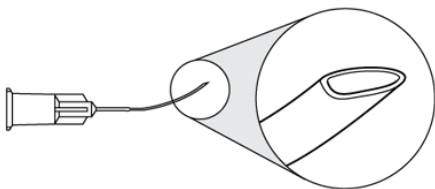
### Hydrodissection Cannula [Kellan]



Curved  
Flattened vertically

Item No.	Size
7012	25g x 22mm (7/8")
7013	27g x 22mm (7/8")

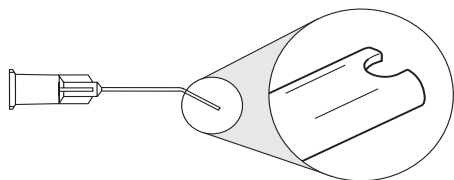
### Nucleus Hydrolysis Needle [P. Koch]



Curved, flattened

Item No.	Size
7014	25g x 22mm (7/8")

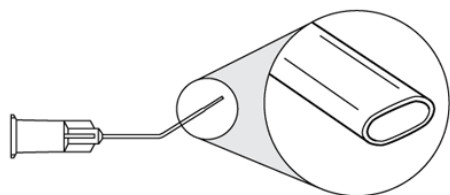
### Nucleus Hydrodissector / Rotator [Sinskey]



8mm angled tip (32°)  
Forked blunt tip  
Flattened from bend to end

Item No.	Size
7015	25g x 22mm (7/8")

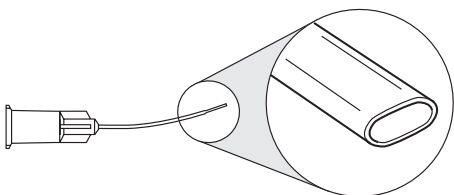
### Cortical Cleaving Hydrodissector



Angled 11mm from end  
Tip flattened horizontally 4mm from end

Item No.	Size
7016	27g x 22mm (7/8")

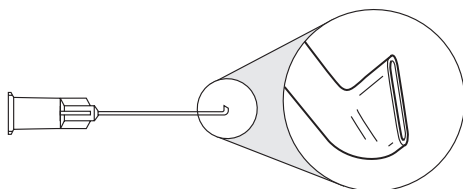
### Nucleus Hydrodissector - Curved



Tip flattened horizontally 4mm from end

Item No.	Size
7017	27g x 22mm (7/8")

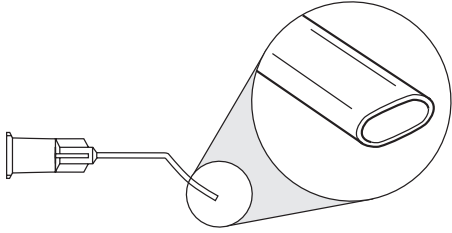
### Hydrodissection Cannula [Chang]



50° flattened bevel

Item No.	Size
7018	27g x 22mm (7/8")

### Nichamin Hydrodissection Cannula

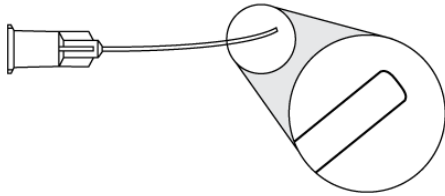


Angled 11mm from end  
Tip flattened horizontally 9mm from  
end

Item No.	Size
7020	27g x 22mm (7/8") Formed 11mm from tip

# Lacrimal Cannulas, Handheld Instruments, Specula, Olive Tip Cannulas and Handpieces

## Lacrimal Cannula - Curved

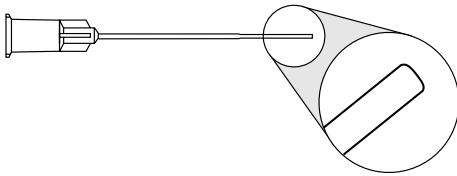


Designed for probing and irrigating the lacrimal ducts.

Rounded blunt tip

Item No.	Size
8000	25g x 28mm (1-1/8")
8000 (38)	25g x 38mm (1-1/2")
8000-21	21g x 28mm (1-1/8")
8000-21 (38)	21g x 38mm (1-1/2")
8000-23	23g x 28mm (1-1/8")
8000-26	26g x 28mm (1-1/8")
8000-26 (32)	26g x 32mm (1-1/4")
8000-26 (38)	26g x 38mm (1-1/2")

## Lacrimal Cannula - Straight

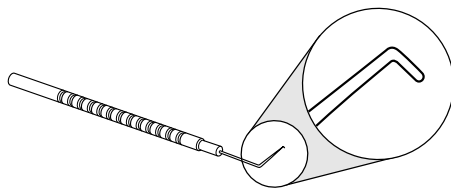


Designed for probing and irrigating the lacrimal ducts.

Rounded blunt tip

Item No.	Size
8000S	19g tapered to 23g 12mm from end

## Micro Lens Hook - [Sinsky II]



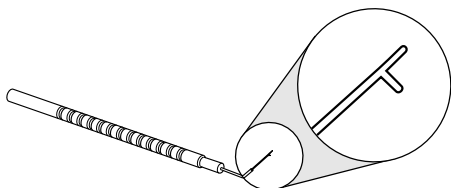
Handle length 75mm (3")

Ribbed non-slip handle

\*Angled version pictured

Item No.	Size
8200S	Straight, used for 0.2mm holes or larger
8200A	Angled, 10mm tip (45°) used for 0.2mm holes or larger (pictured)

## Lens Manipulating Hook [Fenzl]

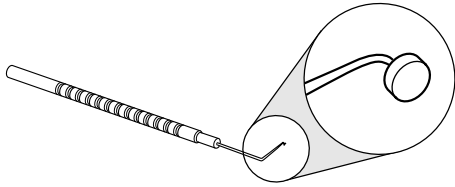


Handle length 75mm (3")

Ribbed non-slip handle

Item No.	Size
8201	Angled, 10mm tip (45°) used for 0.2mm holes or larger

**Button Tip Manipulator - Angled**

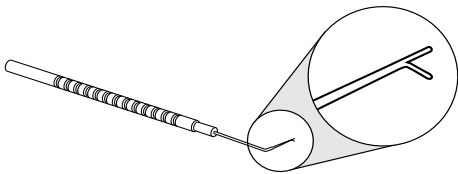


Handle length 75mm (3")

Ribbed non-slip handle

Item No.	Size
8202	Angled, 10mm tip (45°)

**Lens Manipulator - Angled [Jaffe - Maltzman]**



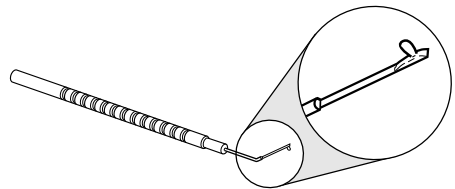
V-Shaped blunt tip

Handle length 75mm (3")

Ribbed non-slip handle

Item No.	Size
8203	Angled, 10mm tip (45°)

**IOL Manipulating Hook - Angled [Lester]**



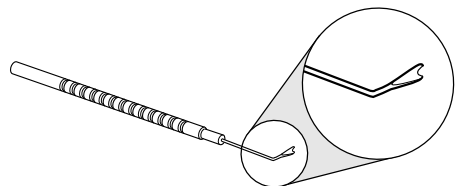
Hourglass shaped tip

Handle length 75mm (3")

Ribbed non-slip handle

Item No.	Size
8204	Angled, 10mm tip (45°)

**Nucleus Rotator - Angled [Jaffe-Bechert]**



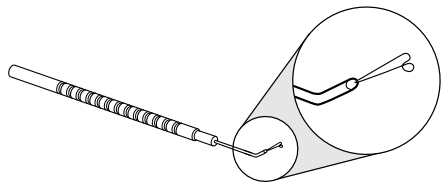
Y-shaped blunt tip

Handle length 75mm (3")

Ribbed non-slip handle

Item No.	Size
8205	Angled, 10mm tip (45°)

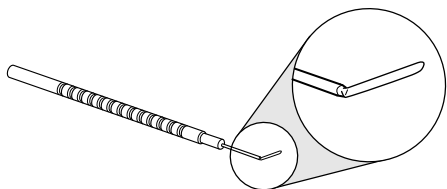
**Micro Iris Retractor - Angled [Pearce]**



Ribbed non-slip handle  
Handle length 75mm (3")

Item No.	Size
8206	1mm wide tip

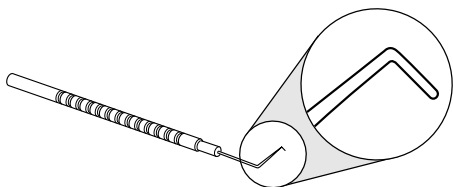
**Nucleus Spatula [Pearce]**



Ribbed non-slip handle  
Handle length 75mm (3")

Item No.	Size
8208	.80mm wide x .20mm thick Angled, 10mm tip (45°)

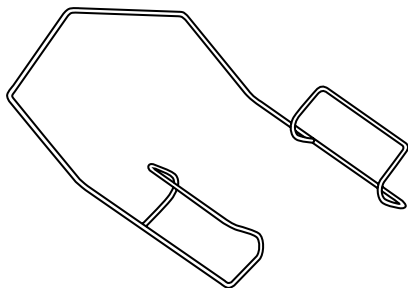
**Nucleus Chopper - Angled [P. Koch]**



Ribbed non-slip handle  
Handle Length 75mm (3")

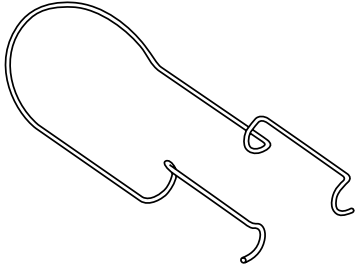
Item No.	Size
8209	Angled, 6mm tip (45°)

**Eye Speculum [Barraquer]**



Item No.	Size
8400	Adult
8401	Child

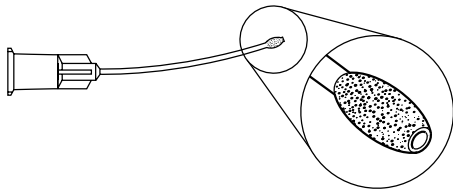
Eye Speculum [Kratz]



Open Blades

Item No.	Size
8402	Adult

Alpha-chymotrypsin and Olive Tip Cannulas and Capsule Polishers

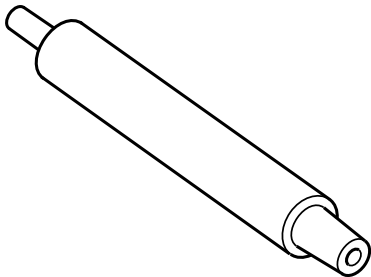


Bulbous Tip

\*Sandblasted tip shown in image.

Item No.	Size
8500	25g x 28mm (1-1/8") Curved, Smooth
8500S	25g x 28mm (1-1/8") Curved, Sandblasted
8501	23g x 22mm (7/8") Curved, Smooth
8501S	23g x 22mm (7/8") Curved, Sandblasted
8503	23g x 10mm bend Angled, Sandblasted

Infusion Handle

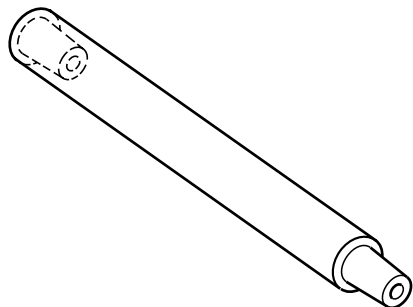


Luer slip end and tapered tubing end  
made with autoclavable plastic

Item No.	Size
8600	73mm (3")



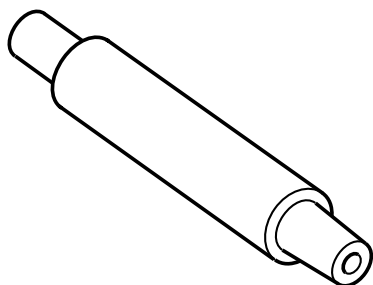
Male / Female Hand Piece



Fits luer taper on both ends made with autoclavable plastic

Item No.	Size
8601	75mm (3")

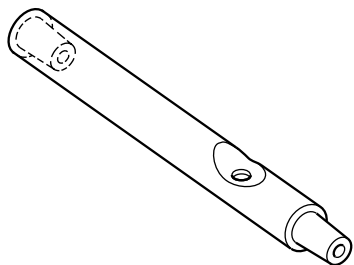
Double Male Hand Piece



Fits luer taper on both ends made with autoclavable plastic

Item No.	Size
8602	50mm (2")

Aspirating Hand Piece

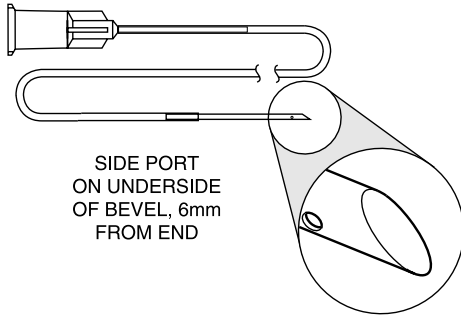


Finger hole control

Item No.	Size
8603	75mm (3")

# Chamber Maintainers and Retinal Cannulas

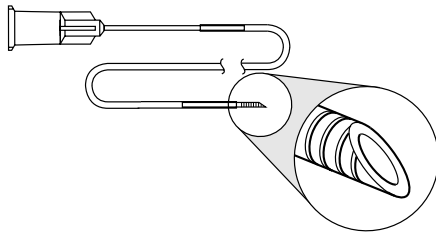
## Chamber Maintainer



0.2mm side port, sharp closed end  
15.2 cm (6") silicone tubing  
ID - 0.3mm (0.012")  
OD - 0.6mm (0.025")

Item No.	Size
9000	27g x 22mm (7/8")
9001	25g x 22mm (7/8")
9002	23g x 22mm (7/8")
9003	20g x 22mm (7/8")

## Chamber Maintainer with serrated tip



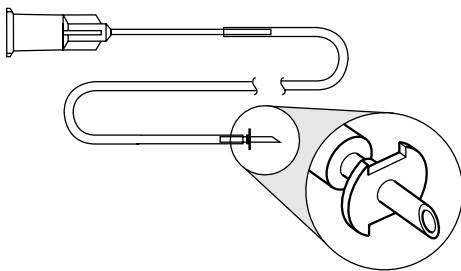
4mm serrated tip  
15.2 cm (6") silicone tubing  
ID - 0.3mm (0.012")  
OD - 0.6mm(0.025")

ID - 0.5mm (0.020")  
OD - 0.95mm(0.037")

ID - 0.75mm (0.030")  
OD - 1.65mm(0.065")

Item No.	Size
9004	25g x 22mm (7/8")
9005	23g x 22mm (7/8")
9006	20g x 22mm (7/8")

## Infusion Cannula

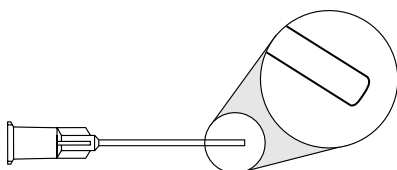


15.2 cm (6") silicone tubing  
ID - 0.75mm (0.030")  
OD - 1.65mm(0.065")

Item No.	Size
9007	20g, 2.5mm tip
9008	20g, 4mm tip
9009	20g, 6mm tip

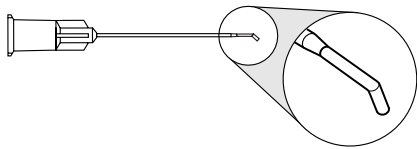
## Extrusion Cannula - Straight, Blunt

Rounded blunt tip



Item No.	Size
9010SB	20g x 25mm (1")
9011SB	19g x 25mm (1")
9012SB	23g x 22mm (7/8")

Extrusion Cannula - Straight, Tapered and Angled, Tapered



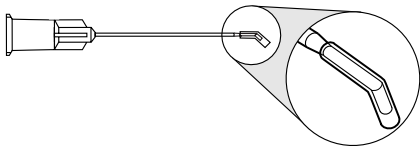
Tapered 4mm from end  
Rounded blunt tip

\*1mm distal end angled 45°

\*Angled, Tapered Pictured

Item No.	Size
9010ST	20g x 25mm (1") straight, tapered to 25g
9011ST	19g x 25mm (1") straight, tapered to 23g
9010AT	20g x 25mm (1") angled, tapered to 25g
9011AT	19g x 25mm (1") angled, tapered to 23g

Extrusion Cannula with Silicone Tubing - Straight and Angled, Tapered



Tapered 4mm from end  
Tubing:

ID - 0.3mm (0.012")

OD - 0.6mm(0.025")

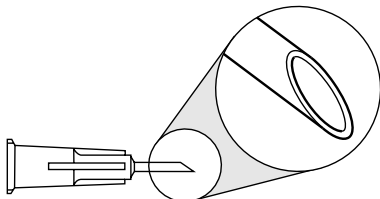
Extends 8mm beyond tip (can be cut to desired length)

\*Angled, Tapered Pictured

Item No.	Size
9010STS	20g x 25mm (1") straight, tapered to 25g
9011STS	19g x 25mm (1") straight, tapered to 23g
9010ATS	20g x 25mm (1") angled, tapered to 25g (Pictured)
9011ATS	19g x 25mm (1") angled, tapered to 23g (Pictured)

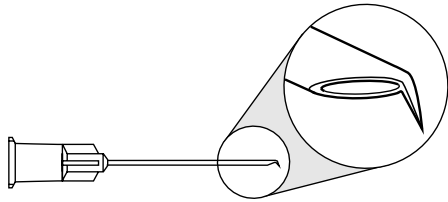
High Viscosity Fluid Cannula [Peyman]

45° beveled tip



Item No.	Size
9020	16g x 9mm (3/8")

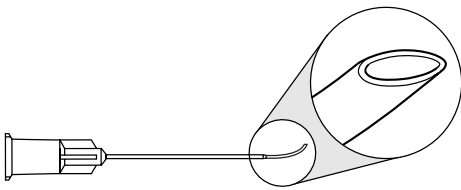
**Membrane Dissector [Kingham]**



0.5mm sharp tip angled 45° towards bevel

Item No.	Size
9021	20g x 25mm (1")

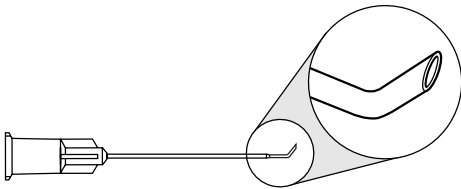
**Subretinal Aspirator [Lambert]**



Tapered to 33g x 7mm  
Curved distal end

Item No.	Size
9022	20g x 25mm (1") tapered to 33g

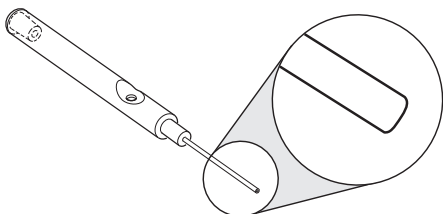
**Subretinal Aspirator [Landers]**



Tapered to 27g x 6mm  
Angled 2.5mm from tip

Item No.	Size
9023	20g x 25mm (1") tapered to 27g

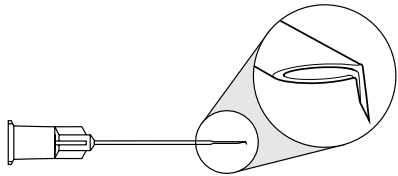
**Flute Needle [Charles]**



0.5mm sharp tip angled 50° towards bevel

Item No.	Size
9025	19g x 25mm (1")

Micropick

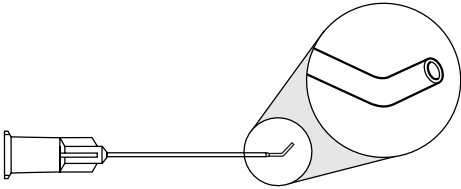


0.5mm sharp tip angled 50° towards bevel

Membrane Micropick [Eaton]  
Vitreoretinal Micropick [Glaser]

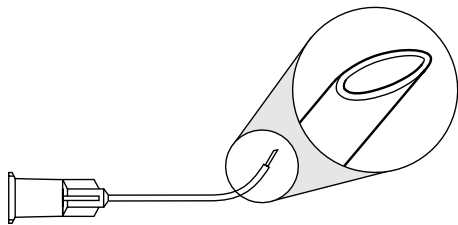
Item No.	Size
9029	20g x 25mm (1") tapered to 30g x 5mm distal end
9030	20g x 25mm (1") tapered to 25g x 3/16" distal end
9031	23g x 25mm (1") tapered to 27g x 3/16" distal end

Vitreoretinal Cannula [Vander]



Item No.	Size
9032	20g tapered to 30g Straight
9032A	20g tapered to 30g Angled

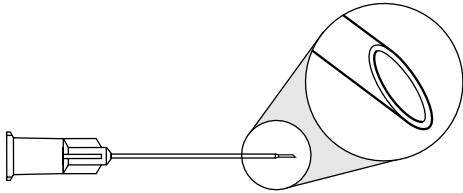
Subretinal Injector [Glaser]



Tapered to 33g x 3mm distal end  
Curved

Item No.	Size
9033	20g x 25mm (1") tapered to 33g

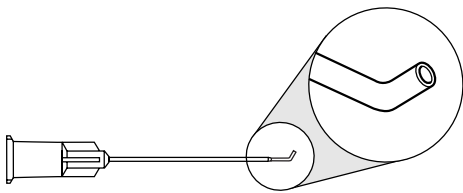
**Subretinal Injector [Glaser]**



Tapered to 33g x 3mm distal end  
Straight

Item No.	Size
9034	20g x 25mm (1") tapered to 33g

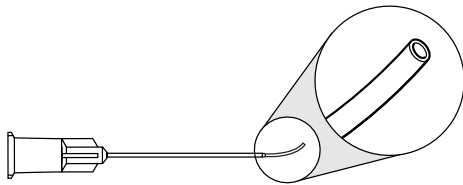
**MVR Cannula [Glaser]**



Tapered to 33g x 4mm distal end  
Angled 1mm from tip

Item No.	Size
9035	20g x 25mm (1") tapered to 33g

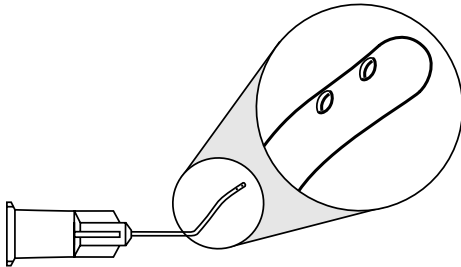
**Subretinal Cannula [Lambert]**



Tapered to 33g x 7mm curved distal  
end

Item No.	Size
9036	20g x 25mm (1") Tapered to 33g

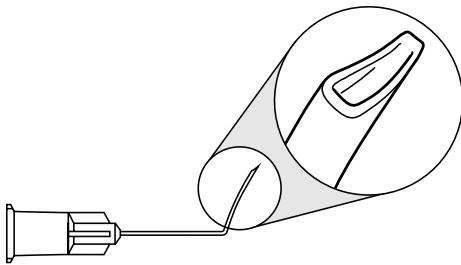
## Lasik Cannula [Dishler]



Formed 9mm  
4 Side Ports

Item No.	Size
9901D	27g x 16mm (5/8")

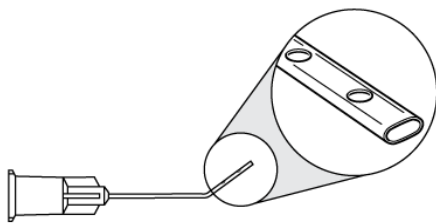
## Lasik Cannula [Slade]



Formed 9mm  
Spatulated tip

Item No.	Size
9902S	26g x 22mm (7/8")

## Linn Lasik Cannula



2 ports, Open End  
Flattened bend to end

Item No.	Size
9903-9	25g x 9mm flat bend



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