



OPHTHALMIC  
PRODUCT CATALOG

EMPOWERING EXCELLENCE



## A rich history empowering a bright future.

Our story began in 1969 when brothers William and Rolf Schmidt co-founded Sharpoint, Inc. From their garage workshop they developed the technology that would set the standard for producing ultra fine, premium ophthalmic surgical products for the next 50 years. In 1986, a significant portion of the business was acquired and folded into the Alcon Laboratories portfolio. Five years later, the remaining part of the business was renamed Surgical Specialties. By the mid 1990's the Schmidts were once again advancing technology, serving as directors of Unique Technology, producing flat-stock surgical blades as an OEM supplier to Alcon and other leading private label brands. They also founded VPM Surgical to further advance blade-making technologies and supply wire-stock OEM blades. In 2018, things came full circle, as Unique Technologies and VPM Surgical were acquired by Surgical Specialties, owner and manufacturer of the Sharpoint brand that the Schmidts established in 1969. Today, Surgical Specialties continues the legacy of excellence in ophthalmics that began 50 years earlier.

Surgical Specialties is proud to offer a broad range of proven solutions designed and manufactured to help surgeons be at their best at every step in every procedure.



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**Sharp**point MICROSURGICAL  
KNIVES  
by **corza**medical

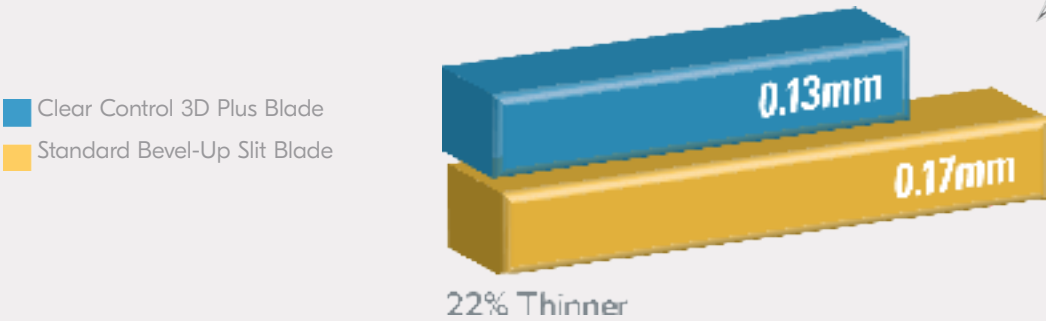
# Clear Control 3D™ Plus

Sharpness is one thing, control is everything



## Blade Thickness

Clear Control 3D Plus Knife vs. Standard Slit Knife<sup>1</sup>



<sup>1</sup> Comparative study on file of Surgical Specialties Corporation knives. Average values reported.

## Clear Control 3D Plus Slit Knives

Sharppoint™ Clear Control 3D Plus slit knives are designed to facilitate instrument insertion through a multi-dimensional incision. Micro bevels are designed to add vertical dimension, placing less stress on wound margins, allowing for instrument insertion and manipulation. 6 per box.



Knife	Blade/Tip	Description
72-1650	-	1.6mm, angled, full handle
72-1850	-	1.8mm, angled, full handle
72-2050	-	2.0mm, angled, full handle
72-2250	-	2.2mm, angled, full handle
72-2450	-	2.4mm, angled, full handle
72-2550	-	2.5mm, angled, full handle
72-2650	-	2.65mm, angled, full handle
72-2750	-	2.75mm, angled, full handle
72-2850	-	2.85mm, angled, full handle
72-3050	-	3.0mm, angled, full handle
72-3250	-	3.2mm, angled, full handle



## ClearPort™ Paracentesis Knives

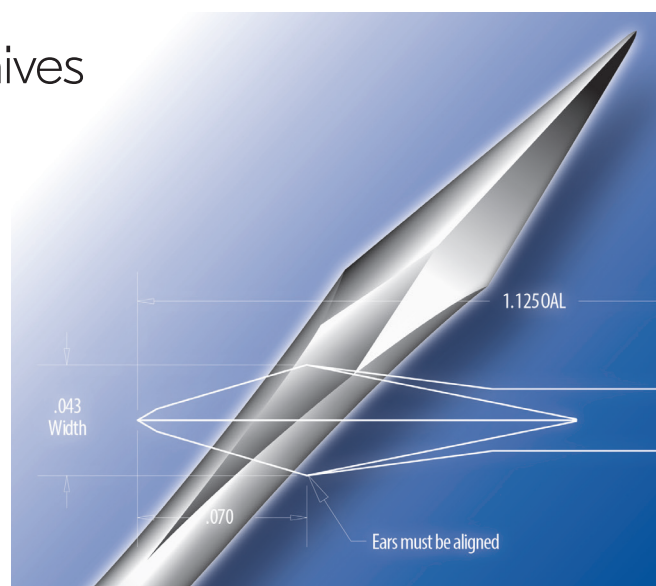
*Technology = Superior Wound Architecture*

### Exceptional Wound Architecture

Created for consistent and accurate wound architecture to achieve self-sealing wounds

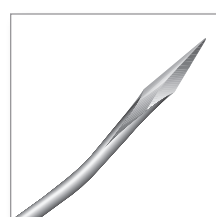
### Blade Geometry

and choice of sizes allows for precise cannula fit



## ClearPort™ Paracentesis Knives

Sharpoint™ ClearPort™ knives are designed to create consistent, accurate and self-sealing paracentesis incisions. 6 per box.

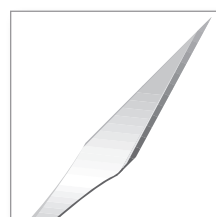


Knife	Description	Maximum Instrument Size
78-2310	0.8mm, angled, full handle	23g
78-2010	1.1mm, angled, full handle	20g
78-2010G*	1.1mm, angled, guarded	20g
78-2019	1.4mm, angled, 1.0mm & 1.2mm indicator lines	19g

\*Features SharpGuard™ Guarded Handle. 5 per box.

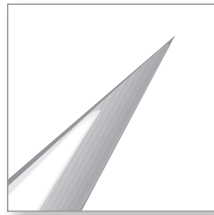
## Stab Knives

Sharpoint™ stab knives are heat-tempered to provide a strong, true point for easy penetration during initial stab incisions. 6 per box.



Knife	Blade/Tip	Description
72-1501	72-1502	15° Straight, full handle
72-1501G*	-	15° Straight*, guarded
72-1591	-	15° Right angled
72-2201	72-2202	22.5° Straight, full handle
72-3001	72-3002	30° Straight, full handle
72-4501	72-4502	45° Straight, full handle

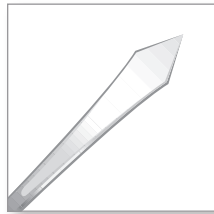
\*Features SharpGuard™ Guarded Handle. 5 per box.



**Knife**  
72-1531  
72-1551  
72-3036

**Blade/Tip**  
72-1532  
72-1552  
-

**Description**  
15° 3.0mm straight, restricted blade depth  
15° 5.0mm straight, restricted blade depth  
30° 3.5mm straight, restricted blade depth



**Knife**  
72-1001

**Description**  
1.0mm Paracentesis, straight, single bevel

## Clear Corneal Phaco Incision Knives

### Exceptional Wound Architecture

Tapered bevels are designed to bend and incise tissue, resulting in a straight incision that is more self-sealing.

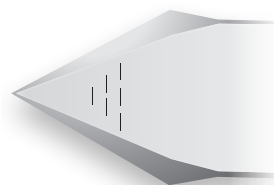
### Blade Profile

Thinner blade is designed for minimal effect on astigmatism, and to promote re-epithelialization. Short blade length reduces risk of induced trauma.

### Unique Patented Depth Indicators

1.5mm, 1.75mm and 2.0mm act as a visual reference when changing planes during an incision.

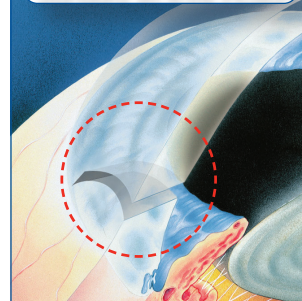
Clear Corneal Knife - Top View



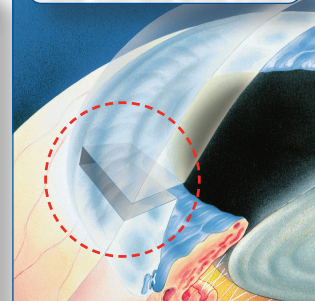
Clear Corneal Knife - Bottom View



Standard slit knife incision



Clear Corneal knife incision



## Clear Corneal Knives, Double-Bevel

SharpPoint™ Clear Corneal knives feature tapered facet cutting edges designed to compensate for corneal curvature, creating exact linear incisions. The unique thin blade design and consistent sharpness creates incisions with virtually no tissue drag or distortion. Patented incision width or depth indicators (1.5mm, 1.75mm, 2.0mm) are visible on each blade. 6 per box.



### Knife

- 72-1361
- 72-2263
- 72-2463
- 72-2663
- 72-2763
- 72-2763G\*
- 72-2863
- 72-2863G\*
- 72-3061
- 72-4963

### Description

- 1.3mm, angled, double-bevel, 1.0mm depth indicator
- 2.2mm, angled, double-bevel, 1.5mm & 1.75mm depth indicator
- 2.4mm, angled, double-bevel, depth indicator
- 2.65mm, angled, double-bevel, depth indicators
- 2.75mm, angled, double-bevel, depth indicators
- 2.75mm, angled, double-bevel, depth indicators, guarded
- 2.85mm, angled, double-bevel, depth indicators
- 2.85mm, angled, double-bevel, depth indicators, guarded
- 3.0mm, angled, double-bevel, depth indicators
- 4.9mm, angled, double-bevel, depth indicators

\*Features SharpGuard™ Guarded Handle. 5 per box.

## Clear Corneal Knives, Double-Bevel, Parallel Sides

SharpPoint™ Clear Corneal knives with parallel sides feature center cutting edges with side cutting ability. The unique thin blade design and consistent sharpness creates incisions with virtually no tissue drag or distortion. Patented incision depth indicators (1.5mm, 1.75mm, 2.0mm) are visible on each blade. 6 per box.



### Knife

- 72-2635
- 72-2735
- 72-2835
- 72-3035

### Description

- 2.65mm, angled, double-bevel, depth indicators
- 2.75mm, angled, double-bevel, depth indicators
- 2.85mm, angled, double-bevel, depth indicators
- 3.0mm, angled, double-bevel, depth indicators

# Phaco Incision Knives

## Slit Knives, Bevel-Up

SharpPoint™ angled, bevel-up precision slit knives penetrate easily while creating an accurate width incision for optimal fit to the phacoemulsification tip. 6 per box.



Knife	Blade/Tip	Description
72-226I	-	2.2mm, angled, bevel-up
72-246I	-	2.4mm, angled, bevel-up
72-256I	-	2.5mm, angled, bevel-up
72-256IG*	-	2.5mm, angled, bevel-up, guarded
72-266I	-	2.65mm, angled, bevel-up
72-266IG*	-	2.65mm, angled, bevel-up, guarded
72-276I	72-2762	2.75mm, angled, bevel-up
72-276IG*	-	2.75mm, angled, bevel-up, guarded
72-286I	72-2862	2.85mm, angled, bevel-up
72-286IG*	-	2.85mm, angled, bevel-up, guarded
72-296I	-	3.0mm, angled, bevel-up
72-296IG*	-	3.0mm, angled, bevel-up, guarded
72-326I	-	3.2mm, angled, bevel-up
72-456I	-	4.5mm, angled, bevel-up

\*Features SharpGuard™ Guarded Handle. 5 per box.

## Slit Knives, Double-Bevel

SharpPoint™ double-bevel slit knives create accurate width incisions easily with virtually no tissue drag or distortion. 6 per box.



Knife	Description
72-183I	1.8mm, angled, double-bevel
72-223I	2.2mm, angled, double-bevel
72-223IG*	2.2mm, angled, double-bevel, guarded
72-243I	2.4mm, angled, double-bevel
72-243IG*	2.4mm, angled, double-bevel, guarded
72-253I	2.5mm, angled, double-bevel
72-263I	2.65mm, angled, double-bevel
72-283I	2.8mm, angled, double-bevel
72-293I	3.0mm, angled, double-bevel
72-323I	3.2mm, angled, double-bevel

\*Features SharpGuard™ Guarded Handle. 5 per box.



## Slit Knives, Bevel-Up, Parallel Sides

SharpPoint™ slit knives with parallel sides feature a single bevel design with side cutting ability. 6 per box.



Knife	Description
72-2912	3.0mm, angled, bevel-up
72-3212	3.2mm, angled, bevel-up

## Slit Knives, Single-Bevel

SharpPoint™ precision slit knives penetrate easily while creating an accurate width incision for optimal fit to the phacoemulsification tip. 6 per box.



Knife	Description
72-2801	2.85mm, straight
72-2901	3.0mm, straight

## IQ Geometry™ ClearTrap™ Knives, Bevel-Up

SharpPoint™ IQ Geometry™ ClearTrap™ knives feature an innovative cutting edge that engages the tissue at two contact points. This thinner blade design results in a reduction in penetration force and the trapezoid design, along with patented width indicator lines, provides a phaco and implant knife in one. 6 per box.



Knife	Description
77-1725	1.7 - 2.2 - 2.5mm, angled, full handle width indicator

# Phaco / Implant Incision Knives

## Trapezoid Design

Yields phaco and implant incisions in one knife

## Consistency

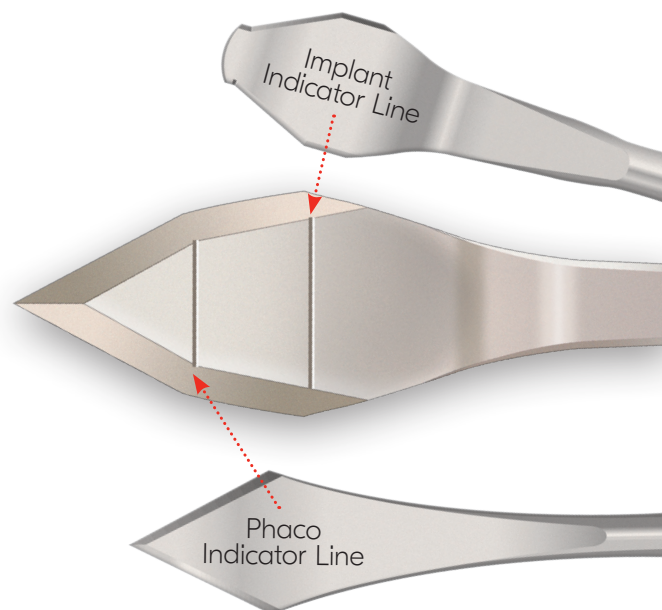
Allows surgeon to enlarge the phaco incision to a consistent, precise width for IOL insertion

## Wound Integrity

Designed to maintain wound integrity by eliminating the implant knife

## Indicator Lines

Patented width indicator lines at the phaco and implant mark aid as a visual reference



## ClearTrap™ Trapezoid Clear Corneal/Implant Knives, Bevel-Up

SharpPoint™ ClearTrap™ knives feature a trapezoid shape design containing patented incision width indicators visible on each blade. The unique thin blade design and consistent sharpness creates incisions with virtually no tissue drag or distortion. 6 per box.



### Knife

75-1214

75-1517

75-1520

75-1720

75-2022

75-2522

75-2723

75-2724

75-2725

75-2824

75-2826

### Description

1.2 - 1.4mm, angled, width indicator

1.5 - 1.7mm, angled, width indicator

1.5 - 2.0mm, angled, width indicator

1.7 - 2.0mm, angled, width indicator

2.0 - 2.2mm, angled, width indicator

2.5 - 2.9mm, angled, width indicator

2.75 - 3.0mm, angled, width indicator

2.75 - 3.2mm, angled, width indicator

2.75 - 3.5mm, angled, width indicator

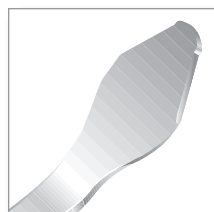
2.85 - 3.2mm, angled, width indicator

2.85 - 3.75mm, angled, width indicator

## Implant Incision Knives

### Pilot Tip™ Implant Knives, Bevel-Up

Sharpoint™ Pilot Tip™ implant knives are designed to easily follow the slit blade incision while the cutting edges create a precise opening for lens insertion. 6 per box.



#### Knife

76-5361

76-5161

76-5561

#### Description

3.2mm, angled, bevel-up

5.2mm, angled, bevel-up

5.5mm, angled, bevel-up

### Implant Knives, Bevel-Up

Sharpoint™ standard implant knives are designed to widen the initial incision to facilitate lens insertion. 6 per box.



#### Knife

76-4061

76-5261

#### Description

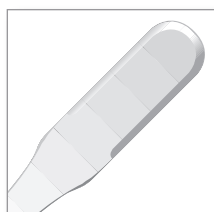
4.0mm, angled, bevel-up

5.2mm, angled, bevel-up

## Crescent Knives

### Sharptome™ Crescent Knives

Sharpoint™ Sharptome™ crescent knives are designed to create a smooth scleral shelf to promote a self-sealing wound. The blade's consistent sharpness virtually eliminates tissue drag and distortion. 6 per box.



#### Knife

74-1000

#### Blade/Tip

74-5000

#### Description

2.0mm, straight

# Crescent Knives (cont'd)



Knife	Blade/Tip	Description
74-1010	74-5062	2.0mm, angled, bevel-up
74-1010G*	-	2.0mm, angled, bevel-up, guarded
74-1031	-	2.0mm, angled, double-bevel

\*Features SharpGuard™ Guarded Handle. 5 per box.

## Mini-Crescent Knives

Sharpoint™ mini-crescent knives are designed to dissect a smaller scleral shelf. The blade's consistent sharpness virtually eliminates tissue drag and distortion. 6 per box.



Knife	Description
74-6910	1.25mm, angled, double-bevel

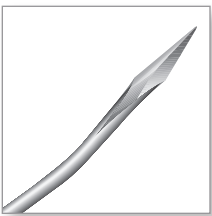
# Vitrectomy Knives

## Vitrectomy Knives

Sharpoint™ vitrectomy knives create small, precise access incisions which virtually eliminate wound leaks around probes and other posterior segment instruments. 6 per box.



Knife	Description
71-1901	19 gauge, straight
71-2001	20 gauge, straight
71-2301	23 gauge, straight
71-2501	25 gauge, straight

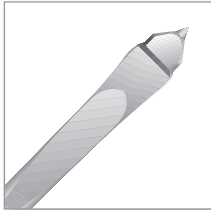


Knife	Description
71-2061	20 gauge, angled

# Groove & Limbal Relaxation Incision Knives

## Precision Depth Knives

SharpPoint™ precision depth knives are designed to create groove and limbal relaxing incisions. Single formed design ensures precision accuracy. Dual cutting edges allow for incisions in left or right directions. 6 per box.



### Knife

72-0303

72-3503

72-5503

72-6003

### Description

300 µm straight, full handle

350 µm straight, full handle

550 µm straight, full handle

600 µm straight, full handle

## Restricted Depth Knives

SharpPoint™ restricted depth knives are designed to create groove and limbal relaxing incisions. Single formed design ensures precision accuracy. Dual cutting edges allow for incisions in left or right directions. 6 per box.



### Knife

72-0301

72-0401

### Description

300 µm straight, full handle

450 µm straight, full handle



# Specialty Knives

## Spoon Knives, Double-Bevel

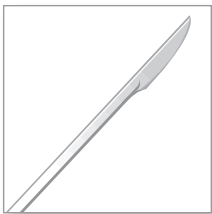
Sharpoint™ spoon knives feature a unique 320° cutting radius and ultra-thin blade to enhance precision cutting capabilities where multi-directional techniques are performed. 6 per box.



Knife	Description
74-2261	2.2mm, angled, double-bevel
74-3061	3.0mm, angled, double-bevel

## Specialty Knives

Sharpoint™ specialty knives are available in a variety of shapes and sizes for various techniques and procedures. 6 per box.



Knife	Description
78-6810	Needle blade, straight, 4.0mm cutting edge



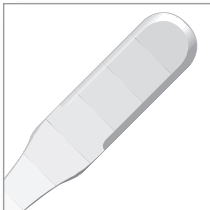
Knife	Blade/Tip	Description
-	78-5700	Scleral blade, straight



Knife	Blade/Tip	Description
-	78-6600	2.3mm, Lamellar blade, angled, bevel-up

Specialty Knives

Sharpoint™ specialty knives are available in a variety of shapes and sizes for various techniques and procedures. 6 per box.



Knife  
-

Blade/Tip  
78-6900

Description  
Micro-blade, straight, double-bevel, sharp all around

Blade and Tip Handle

Sharpoint™ aluminum blade and tip handle is compatible with the threaded tips of Sharpoint™ blade and tip items. The inner threads are standardized to fit most competitive collets and blades currently available. Sold individually.



Handle  
92-9003

Description  
16cm Length

## Guarded Knives

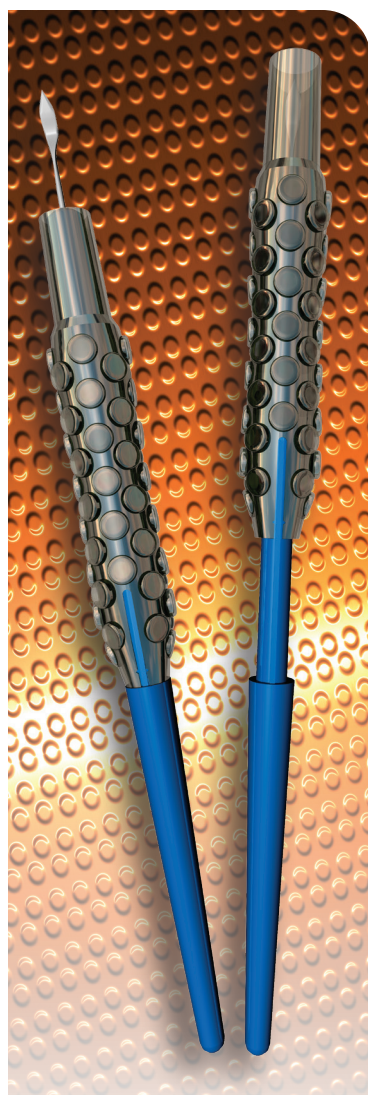
# SharpPoint

GUARDED KNIVES  
by corzamedical

The Protection You Want.  
The Precision You Need.

- Guarded sheath is designed to eliminate or minimize sharps injuries
- Features quality SharpPoint™ blades
- Ergonomic grip is designed for precise control and comfort
- Evaluate today as part of your OSHA Exposure Control Plan (ECP)

The SharpGuard™ Guarded Knife features our top-quality SharpPoint™ blade with the security of a sliding protective sheath. They are available in a wide variety of blade styles including paracentesis, slit, clear corneal and crescent designs. 5 per box.



### Knife

72-1501G

### Description

15°, Stab, straight, guarded



72-2763G

2.75mm, Clear Corneal, angled, double-bevel, guarded

72-2863G

2.85mm, Clear Corneal, angled, double-bevel, guarded



72-2231G

2.2mm, Slit, angled, double-bevel, guarded

72-2431G

2.4mm, Slit, angled, double-bevel, guarded

72-2561G

2.5mm, Slit, angled, bevel-up, guarded

72-2661G

2.65mm, Slit, angled, bevel-up, guarded

72-2761G

2.75mm, Slit, angled, bevel-up, guarded

72-2861G

2.85mm, Slit, angled, bevel-up, guarded

72-2961G

3.0mm, Slit, angled, bevel-up, guarded



74-1010G

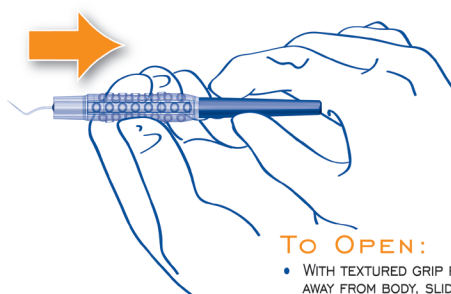
2.0mm, Crescent, angled, bevel-up, guarded



78-2010G

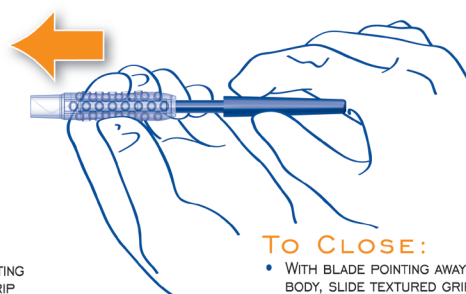
1.1mm, ClearPort™ paracentesis, angled, guarded

### Directions For Use



#### TO OPEN:

- WITH TEXTURED GRIP POINTING AWAY FROM BODY, SLIDE GRIP BACK UNTIL IT CLICKS TO EXPOSE BLADE.



#### TO CLOSE:

- WITH BLADE POINTING AWAY FROM BODY, SLIDE TEXTURED GRIP TOWARD BLADE UNTIL IT CLICKS INTO GUARDED POSITION.

## SharpGuard™ Guarded Knives

SharpGuard™ features a Sharpoint™ blade which simply retracts into the safety handle providing security against sharps injuries. The Snap Lock Slider ensures the blade is secure during surgery.

**Sharpoint™ Blade**  
Infinite Edge™ Technology ensures precision cutting.

**Safety Handle**  
Ergonomic grip for precise control and comfort.

**Snap Lock Slider**  
One handed blade actuation and lock.

### Key Features

- Retractable blade designed to minimize sharps injuries
- Features quality Sharpoint™ blades
- Ergonomic grip is designed for precise control and comfort
- Evaluate today as part of your OSHA Exposure Control Plan (ECP)

### Description

#### Knife Stab



82-1501G  
82-2201G  
82-3001G  
82-4501G

15°, Stab, straight, guarded  
22.5°, Stab, straight, guarded  
30°, Stab, straight, guarded  
45°, Stab, straight, guarded

#### Clear Corneal



82-1361G  
82-1661G  
82-1863G  
82-2263G  
82-2463G  
82-2663G  
82-2763G  
82-2863G  
82-3061G

1.3mm, Clear Corneal, angled, with depth indicators  
1.6mm, Clear Corneal, angled, with depth indicators  
1.8mm, Clear Corneal, angled, with depth indicators  
2.2mm, Clear Corneal, angled, with depth indicators  
2.4mm, Clear Corneal, angled, with depth indicators  
2.65mm, Clear Corneal, angled, with depth indicators  
2.75mm, Clear Corneal, angled, with depth indicators  
2.85mm, Clear Corneal, angled, with depth indicators  
3.0mm, Clear Corneal, angled, with depth indicators

#### Slit



82-1461G  
82-1861G  
82-2261G  
82-2461G  
82-2561G  
82-2661G  
82-2761G  
82-2861G  
82-2961G  
82-2231G  
82-2431G

1.4mm, Slit, angled, bevel-up, guarded  
1.8mm, Slit, angled, bevel-up, guarded  
2.2mm, Slit, angled, bevel-up, guarded  
2.4mm, Slit, angled, bevel-up, guarded  
2.5mm, Slit, angled, bevel-up, guarded  
2.65mm, Slit, angled, bevel-up, guarded  
2.75mm, Slit, angled, bevel-up, guarded  
2.85mm, Slit, angled, bevel-up, guarded  
3.0mm, Slit, angled, bevel-up, guarded  
2.2mm, Slit, angled, double-bevel, guarded  
2.4mm, Slit, angled, double-bevel, guarded

#### Crescent



84-1000G  
84-1010G  
84-1031G  
84-6910G

Sharptome full handle- Straight  
2.0mm, Crescent, angled, bevel-up, guarded  
Sharptome full handle- double-bevel, angled  
1.25mm, Mini-Crescent Knife, angled

#### Paracentesis



88-2010G

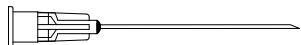
1.1mm, ClearPort™ paracentesis, angled, guarded

**Sharpoint** GUARDED KNIVES

# Anesthesia Cannulas

## Retrobulbar

To administer the anesthetic deep behind the globe into the muscle cone. **10 per box.**



### Item

3511

3512

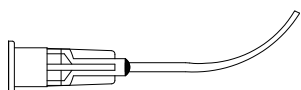
### Description

Retrobulbar 23G Atkinson x 1.5 in (.60 x 38 mm)

Retrobulbar 25G Atkinson x 1.5 in (.50 x 38 mm)

## Sub-Tenon

To administer anesthetic agents into the posterior sub-tenon's space. **10 per box.**



### Item

3520

### Description

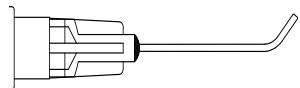
Sub-Tenon 19G x 1 in (1.10 x 25 mm) curved to a radius of 30 mm and flattened to .65 mm.



## Anterior Chamber Irrigation Cannulas

### Anterior Chamber

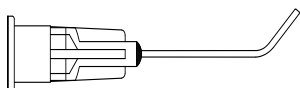
For maintaining the anterior chamber during surgery, and keeping the cornea moist; May be used to inject or remove BSS, viscoelastics, air, or intraocular medications. The tip of each cannula is specially rounded to provide safe insertion into the anterior chamber. **10 per box.**



Item	Description
3401	Cann Anterior Chamber 21G x 7/8IN (.80 x 22 mm)
3404	Cann Anterior Chamber 23G x 7/8IN (.60 x 22 mm)
3402	Cann Anterior Chamber 25G x 7/8IN (.50 x 22 mm)
3403	Cann Anterior Chamber 27G x 7/8IN Rycroft (.40 x 22 mm)
3405	Cann Anterior Chamber 30G x 7/8 in (.30 x 22 mm)

### Visco

To inject viscoelastic prior to capsulorhexis, phaco, IOL insertion or in the event of an anterior vitrectomy. **10 per box.**

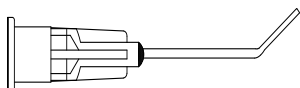


Item	Description
3412	Cannula VISCOFLOW 27G x 7/8 in (.40 x 22 mm)

## Irrigating Cannulas

### Bishop Harmon

Typically used in conjunction with a bulb syringe the cannula is used to irrigate during surgery in an effort to keep the cornea moist. **10 per box.**

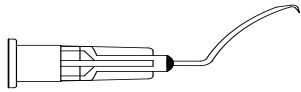


Item	Description
3040	Bishop Harmon Cannula 19G x 1 in (1.1 x 25 mm)

# Cystotome Cannulas

## Irrigating Cystotomes

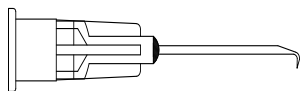
Designed to conform to the convexity of the crystalline lens; Also allows for easier access to full anterior capsule. **10 per box.**



Item	Description
3002	Cystotome Irrigating Formed (PEARCE) 25G x 5/8 in (.50 x 16 mm)
3003	Cystotome Irrigating 27G x 5/8 in (.40 x 16 mm)
3006	Cystotome Irrigating 30G x 5/8 in (.30 x 16 mm)
3009	Cystotome Irrigating Formed 25G x 5/8 in (.50 x 16 mm)
3012	Cystotome Irrigating Formed (Blumenthal) 27G x 5/8 in (.40 x 16 mm)

## Straight Cystotomes

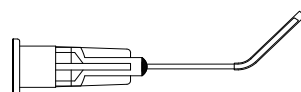
Provides direct approach into the anterior capsule. **10 per box.**



Item	Description
3005	Cystotome Irrigating 25G x 5/8 in (.50 x 16 mm)
3005C	Cystotome Irrigating 27G x 5/8 in (.40 x 16 mm) Side Cutting

## Flexible Tip

Provides direct approach into the anterior capsule. **10 per box.**

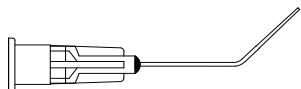


Item	Description
3107	Capsule polisher with silicon sleeve 27G x 7/8 in (.40 x 22 mm)

## Hydrodissection Flat Tip Cannulas

### Nucleus Hydrodissector

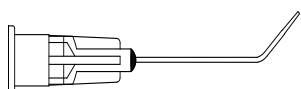
For separating the nucleus from the posterior capsule and all cortical attachments; Also for separating and softening the central hard nucleus prior to phacoemulsification. **10 per box.**



Item  
3423

#### Description

Nucleus Hydrodissector 27G x 7/8 in (.40 x 22 mm)



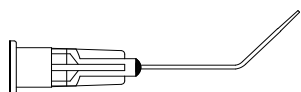
Item  
3424

#### Description

Nucleus Hydrodissector 25G x 7/8 in (.50 x 22 mm)

### Cortical Cleaving Hydrodissector

For separating the nucleus from the posterior capsule and all cortical attachments; Also for separating and softening the central hard nucleus prior to phacoemulsification. **10 per box.**



Item  
3429

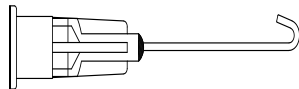
#### Description

Hydrodissector CorticalCleaving 27G x 7/8 in (.40 x 22 mm)

# Hydrodissection J Shape Cannulas

## Micro J Shape

For removing difficult cortex and/or hydrodissect at the 12 o'clock position; Also useful for retracting iris. **10 per box.**

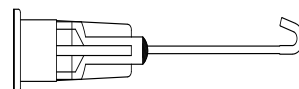


Item  
3202

Description  
Micro J Shape Cannula 25G x 7/8 in (.50 x 22 mm)

## Micro J Shape Hydrodissector

For removing difficult cortex and/or hydrodissect at the 12 o'clock position; Also useful for retracting iris. **10 per box.**



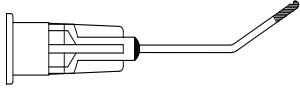
Item  
3428

Description  
27G Micro J Shape Cannula (Pearce) 27G x 7/8 in (.40 x 22 mm)

## Capsule Polisher Cannulas

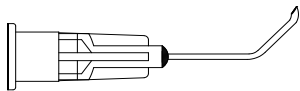
### Capsule Polisher

Used for polishing and cleaning the posterior capsule and all equatorial regions in preparation for instertion of the IOL. **10 per box.**



Item  
3101

Description  
Capsule polisher (Kratz) 21G x 7/8 in (.80 x 22 mm)



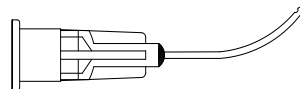
Item  
3105

Description  
Capsule polisher (Kratz) 23G x 7/8 in (.60 x 22 mm)

## Cortex Extractor Cannulas

### Cortex Extractor

For removing cortical debris that remains after the nucleus has been removed from the capsular bag. **10 per box.**



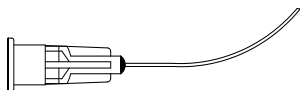
Item  
3209

Description  
Cortex Extractor 23G x 5/8 in (.60 mm x 16 mm)

## Lacrimal Cannulas

### Lacrimal

For insertion and irrigation of the nasolacrimal system. **10 per box.**



Item  
3732

Description  
Lacrimal Cannula Curved 21G x 1 3/8 in (.80 x 35 mm)



## Suture Introduction

**SharpPoint** OPHTHALMIC SUTURES  
by **corzamedical**

### High-quality, consistently sharp needles

- Extra sharp cutting edges extending from the point to its widest portion reduce tissue drag
- Precise, smooth penetration through tissue minimizes trauma
- Needle channel is fitted to the specific size of the suture material

## How To Use Our Catalog


The pages in the suture sections of this catalog will show the following information for each product code. Some of our ophthalmic products feature an expanded chart with detailed measurements (not shown in this sample) to ensure proper needle selection.

**Needle Description** - Contains an illustration of the needle. The SharpPoint™ needle code is blue, the comparable Ethicon™ needle code is black, and the comparable Syneture™ needle code is dark green. This section also lists the needle length and shape.

**Needle Geometry** - Type of needle with tip geometry    **Material** - Color and style of suture

**Length** - Length in inches/centimeters

**Size Grid** - Indicates the U.S.P. size for each product code listed

Side Cutting Lancet	Material	Length	10-0	9-0	8-0
<b>DSL7</b>  TGI40-8 3/8 Circle Length 6.60mm	Black Monofilament	12"/30cm	A7718N 7718G	A7717N 7717G	

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
B or N denotes a box of 12; D denotes a box of 36.

**Quantity** - The last character in the SharpPoint™ product code denotes the quantity per box

SharpPoint™ product code  
Ethicon™ comparable product code  
Syneture™ comparable product code

## How To Read Our Suture Box Labels

Each SharpPoint™ suture box comes with a color-coded label that provides important details about the sutures contained inside.

Color Bar

Material

Suture Length

Suture Size

Lot Number

Expiration Date

Certified for distribution in Europe

Product Item No.

Quantity

Needle Type / Shape



REF A9000N  
NON ABSORBABLE

NYLON  
BLACK MONOFILAMENT  
12"/30cm  
10-0 USP  
0.2 METRIC  
LOT LOTCODE  
YYYY-MM-DD  
(01)10848782010759(17)YYMMDD(10)LOTCODE

12  
STERILE EO  
2xHLL5  
ULTRAGLIDE™  
SPATULA  
1/2c 5.51mm

CE 0120

20001

# Needle Chart

## UltraGlide™ Needles



SharpPoint™	Ethicon™	Syneture™
<b>Bicurve</b>		
BLL5	CSB-6	•
<b>3/8 Circle</b>		
DLL6	CSI40-6	SE-140-6
<b>1/2 Circle</b>		
HLL5	CSI60-6	SE-160-6
HLL7	CSI75-6	•

4.88mm

6.15mm

5.51mm

6.99mm



## Side Cutting Lancet Needles



SharpPoint™	Ethicon™	Syneture™
<b>Bicurve</b>		
BSL5	TG6-C	•
<b>1/8 Circle</b>		
SSL5	•	•
SSL15	•	•
<b>1/4 Circle</b>		
VSL7	TGI00-8	SEI00-8
VSP8	S-29, S-24	SD-1, SS-24
VCL8	S-14	SS-14
<b>3/8 Circle</b>		
DVL04	TGI40-04	SEI40-04
DSL6	TGI40-6	SEI40-6
DSL7	TGI40-8	SEI40-8
<b>1/2 Circle</b>		
HSL5	TGI60-6	SEI60-6
HSL7	•	•

5.51mm

5.51mm

14.99mm

6.6mm

8mm

8.51mm

4mm

6.15mm

6.6mm

5.51mm

7mm

## Precision Reverse Cutting Needles



SharpPoint™	Ethicon™	Syneture™
<b>3/8 Circle</b>		
DSM7	G-6	HE-6
G-1	G-1	G-1

7mm

11mm

## Precision Conventional Cutting Needles



SharpPoint™	Ethicon™	Syneture™
<b>3/8 Circle</b>		
PC-1	PC-1	P-13
PC-3	PC-3	P-11

13mm

16mm

## Center Point Spatula Needles



SharpPoint™	Ethicon™	Syneture™
<b>1/4 Circle</b>		
D05	RD-1	SS-24

8mm

## Vas Cutting Needles



SharpPoint™	Ethicon™	Syneture™
<b>3/8 Circle</b>		
DVL04	•	•

4mm

## M.E.T.™ Point Needles



SharpPoint™	Ethicon™	Syneture™
<b>3/8 Circle</b>		
DRTM4	•	•
DRTM5	•	•
DRTM6	•	•

4mm

5mm

6mm

# Needle Anatomy and Terminology

## Needle Terminology

**Length:** Distance measured along the circumference of the needle, from the point to the swage. It is depicted on the packaging.

**Shape:** Different surgeries or surgical techniques demand different needle shapes.

**Point:** The sharpened part of the needle that first penetrates the tissue. The point consists of the area from the sharpened tip of the needle to the widest cross section of the needle body. The point determines ease of penetration and the initial size and shape of the hole.

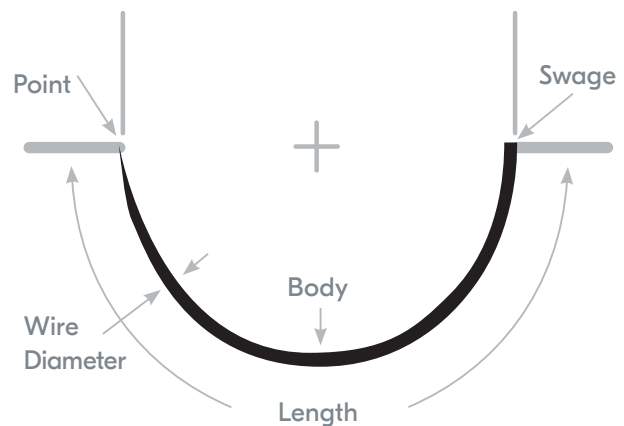
**Swage:** Connection point of the suture and the needle. Micro teeth grip the suture material and prevent it from slipping out.

**Wire Diameter:** Gauge or thickness of the wire originally used to form the needle body.

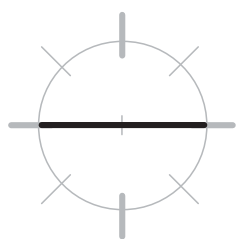
**Body:** The part between the point and the swage of the needle.

**Included Angle (Curvature):** The fraction of the circle included in the curve of the needle. This is depicted on the packaging.

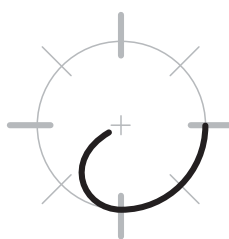
## Needle Anatomy



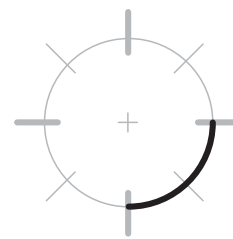
## Needle Shapes and General Uses



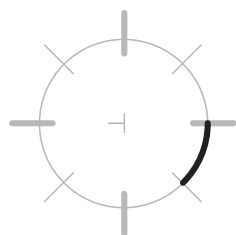
Straight: Skin Closure



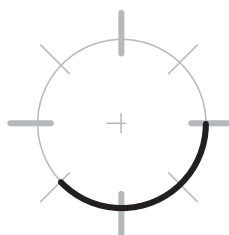
Bi-curve: Vasectomy Reversal, Ophthalmic



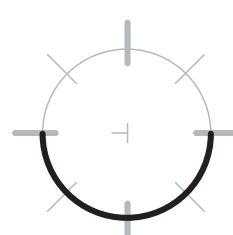
1/4 Circle: Ophthalmic



1/8 Circle: Ophthalmic






3/8 Circle: Skin Closure, Ophthalmic



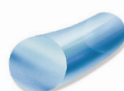


1/2 Circle: Skin Closure, GI, Cardiovascular, Ophthalmic

## Absorbable

Material	Material Description	BSR Profile	Mass Absorption
<b>POLYSYN™</b> (polyglycolic acid)  <p>Comparable to: VICRYL™</p>	<b>Braided</b> <ul style="list-style-type: none"> <li>Dyed (violet)</li> </ul> <b>Monofilament (9-0 &amp; 10-0 only)</b> <ul style="list-style-type: none"> <li>Dyed (violet)</li> <li>Coated &amp; Uncoated</li> </ul> <b>Common uses:</b> Glaucoma Filtering Surgery, Blepharoplasty	<b>In vivo strength retention:</b> 50% at 14 days 20% at 21 days	Essentially complete between 50 and 90 days
<b>EXPRESS GUT™ (PLAIN GUT)</b>  <p>Comparable to: Fast Absorbing Gut Suture</p>	<b>Twisted</b> <ul style="list-style-type: none"> <li>Natural</li> <li>Packaged in Wetting Solution</li> </ul> <b>Common uses:</b> Skin Closure	<b>In vivo strength retention:</b> 40% at 5 days 0% at 10 days  *In-Vivo Study by NAMSA Data on file at Surgical Specialties	Essentially complete by 30 days  *In-Vivo Study by NAMSA Data on file at Surgical Specialties
<b>PLAIN GUT</b>  <p>Comparable to: Surgical Gut Suture- Plain</p>	<b>Twisted</b> <ul style="list-style-type: none"> <li>Natural</li> <li>Packaged in Wetting Solution</li> </ul> <b>Common uses:</b> General Closure, OB/Gyn, Urology, Bowel Anastomosis	<b>In vivo strength retention:</b> Varies	Varies depending upon type of suture (plain vs. chromic) and site of placement

## Non-Absorbable

Material	Material Description	Qualities
<b>SILK</b>  <p>Comparable to: PERMA-HAND™ Silk</p>	<b>Braided</b> <ul style="list-style-type: none"> <li>Dyed (black)</li> <li>Coated</li> </ul> <b>Common uses:</b> General & Skin Closure, Plastic Surgery, Ophthalmology	<ul style="list-style-type: none"> <li>Excellent handling and tying characteristics</li> </ul>
<b>NYLON™</b>  <p>Comparable to: ETHILON™</p>	<b>Monofilament</b> <ul style="list-style-type: none"> <li>Dyed (black)</li> </ul> <b>Common uses:</b> Vitrectomy, Corneal Transplant, Ophthalmology	<ul style="list-style-type: none"> <li>Passes easily through tissue</li> </ul>
<b>POLYPROPYLENE</b>  <p>Comparable to: PROLENE™</p>	<b>Monofilament</b> <ul style="list-style-type: none"> <li>Dyed (blue)</li> </ul> <b>Common uses:</b> Ophthalmology, IOL fixation	<ul style="list-style-type: none"> <li>Inert</li> <li>Easy to handle</li> <li>Passes easily through tissue</li> </ul>

# PolySyn™/Polyglycolic Acid

## Side Cutting Lancet









				Size				
		Material	Length	9-0	8-0	7-0	6-0	5-0
<b>VCL8</b>  1/4 Circle Length 8.51mm	Violet Braided	18"/45cm					<b>G570N</b> J570G	
<b>DSL7</b>  3/8 Circle Length 6.6mm	Violet Braided	18"/45cm			<b>GA-546N</b> J546G			
		8"/20cm			<b>GA-547N</b> J547G			
		12"/30cm			<b>GA-548N</b> J548G			
						<b>GA-566N</b> J566G		
<b>DSL6</b>  3/8 Circle Length 6.15mm	Violet Braided	12"/30cm		<b>GA-974N</b> J974G				
<b>DVL04</b>  3/8 Circle Length 4mm	Violet Monofilament	5"/13cm	<b>GA-8760N</b> D8760					
<b>VSP8</b>  1/4 Circle Length 8.51mm	Violet Braided	12"/30cm						<b>G553N</b> J553G
<b>VSP8</b>  1/4 Circle Length 8.51mm	Violet Braided	12"/30cm				<b>G556N</b> J556G		
		18"/45cm				<b>G555N</b> J555G		
<b>VSL7</b>  1/4 Circle Length 6.4mm	Violet Braided	18"/45cm					<b>G544N</b> J544G	

Product numbers are color coded respectively as Sharpoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
 B or N denotes a box of 12; D denotes a box of 36.





## PolySyn™/Polyglycolic Acid



M.E.T.™ Point 		Size				
		Material	Length	9-0	8-0	7-0
<b>DRTM4</b> 	3/8 Circle Length 4mm	Violet Monofilament	5"/13cm	<b>GA-7402N</b> V402G		
<b>DRTM5</b> 	3/8 Circle Length 5mm	Violet Braided	5"/13cm		<b>GA-405N</b> V405G	
<b>DRTM6</b> 	3/8 Circle Length 6mm	Violet Braided	5"/13cm		<b>GA-401N</b> V401G	

UltraGlide™ 		Size				
		Material	Length	10-0	9-0	8-0
<b>HLL5</b> 	1/2 Circle Length 5.5mm	Violet Monofilament	12"/30cm	<b>GA-448N</b> V448G		

## Express Gut™ (Plain Gut)

Precision Conventional Cutting 		Size				
		Material	Length	6-0	5-0	4-0
<b>PC-1</b> 	3/8 Circle Length 13mm	Express Gut™	18"/45cm	<b>B7916N</b>	<b>B7915N</b>	

## Plain Gut



Precision Reverse Cutting 		Size				
		Material	Length	6-0	5-0	4-0
<b>G-1</b> 	3/8 Circle Length 11mm	Plain Gut	18"/45cm	<b>B7770N</b>		

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
B or N denotes a box of 12; D denotes a box of 36.

# Nylon

## Center Point Spatula



Center Point Spatula						Size		
			Material	Length	6-0	5-0	4-0	
<b>DO5</b>   RD-I SS-24			1/4 Circle Length 8.00mm  * limited supply	Black Monofilament	18"/45cm	A749N 749G N278I		

## Side Cutting Lancet



		Size				
		Material	Length	10-0	9-0	8-0
<b>BSL5</b>  TG6-C	Bicurve Length 5.51mm	Black Monofilament	6" / 15cm	<b>A2687N</b> <b>7799G</b> •		
			12" / 30cm	<b>A2522N</b> • •		
<b>BSL5</b>  TG6-C	Bicurve Length 5.51mm	Black Monofilament	8" / 20cm	<b>A2524N</b> • •		
			12" / 30cm	<b>A2525N</b> <b>7799G</b> •		
<b>BGL5</b>  CSB-6	Bicurve Length 4.88mm	Black Monofilament	12" / 30cm	<b>A2675N</b> • •		
<b>DSL6</b>  TGI40-6	3/8 Circle Length 6.15mm	Black Monofilament	6" / 15cm	<b>A2683N</b> • •		
			12" / 30cm	<b>A2533N</b> • •		
<b>DSL6</b>  TGI40-6	3/8 Circle Length 6.15mm	Black Monofilament	12" / 30cm	<b>A7770N</b> <b>7770G</b> •		

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).

B or N denotes a box of 12; D denotes a box of 36.

\* (no longer manufactured)

## Side Cutting Lancet



			Size			
		Material	Length	10-0	9-0	8-0
<b>DSL7</b>  TG140-8	3/8 Circle Length 6.60mm	Black Monofilament	12"/30cm	<b>A2532N</b> • •		
<b>DSL7</b>  TG140-8	3/8 Circle Length 6.60mm	Black Monofilament	12"/30cm	<b>A7718N</b> <b>7718G</b> •	<b>A7717N</b> <b>7717G</b> •	
<b>HSL5</b>  TG160-6	1/2 Circle Length 5.51mm	Black Monofilament	6"/15cm	<b>A2534N</b> • •	<b>A2681N</b> • •	
			12"/30cm	<b>A2510N</b> • •		
<b>HSL5</b>  TG140-6	1/2 Circle Length 5.51mm	Black Monofilament	6"/15cm	<b>A7757N</b> <b>7757G</b> •		
			12"/30cm	<b>A7756N</b> <b>7756G</b> <b>N2756K</b>	<b>A7760N</b> <b>7760G</b> •	
<b>HSL7</b> 	1/2 Circle Length 7.04mm	Black Monofilament	12"/30cm	<b>A2519N</b> • •		
<b>HSL7</b> 	1/4 Circle Length 5mm	Black Monofilament	5"/13cm		<b>A0819N</b> • •	

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
B or N denotes a box of 12; D denotes a box of 36.

# Nylon

UltraGlide™ 

				Size		
		Material	Length	11-0	10-0	9-0
<b>DLL6</b>  3/8 Circle Length 6.15mm  CS140-6 SE-140-6		Black Monofilament	4"/10cm		<b>A9060N</b> 9060G •	
<b>DLL6</b>  3/8 Circle Length 6.15mm  CS140-6 SE-140-6		Black Monofilament	12"/30cm		<b>A9003N</b> 9003G •	
<b>HLL5</b>  1/2 Circle Length 5.51mm  CS160-6 SE-160-6		Black Monofilament	4"/10cm		<b>A9061N</b> 9061G •	
<b>HLL5</b>  1/2 Circle Length 5.51mm  CS160-6 SE-160-6		Black Monofilament	6"/15cm	<b>A9016N</b> 9016G •	<b>A9001N</b> 9001G •	
			12"/30cm		<b>A9000N</b> 9000G •	
<b>HLL7</b>  1/2 Circle Length 6.99mm  CS175-8		Black Monofilament	12"/30cm		<b>A9032N</b> 9032G •	

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
B or N denotes a box of 12; D denotes a box of 36.

## Side Cutting Lancet



		Size				
		Material	Length	8-0	7-0	6-0
<b>VSP8</b>	1/4 Circle Length 8mm	Black Braided	18" / 45cm			<b>D1780N</b> 1780G S2780
 T-I S-24 SS-24						
<b>DSL6</b>	3/8 Circle Length 6.15mm	Blue Braided Virgin	18" / 45cm	<b>D2552N</b> † • •		
 TG140-6 SE-140-6						
<b>DSL7</b>	3/8 Circle Length 6.60mm	Black Braided	12" / 30cm	<b>D2526N</b> 599G •		
			18" / 45cm		<b>D7733N</b> 7733G S1768K	
		Blue Braided Virgin	18" / 45cm	<b>D2550N</b> † • •		
 TG140-8 SE-140-8						

† Not sold in U.S.A.

## Precision Reverse Cutting







		Size						
		Material	Length	9-0	8-0	7-0	6-0	5-0
<b>DSM8</b>	8mm 3/8 Circle	Black Braided	12" / 30cm			<b>D2680N</b> • S1768K		
 G-6 HE-6								
<b>DSM8</b>	8mm 3/8 Circle	Black Braided	18" / 45cm			<b>D0191N</b> • S1768K	<b>D769N</b> • •	
 G-6 HE-6								
<b>HSM8</b>	8mm 1/2 Circle	Black Braided	18" / 45cm				<b>D765N</b> 765G •	
								

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
B or N denotes a box of 12; D denotes a box of 36.

# Polypropylene

## Side Cutting Lancet



Side Cutting Lancet			Size			
		Material	Length	10-0	9-0	8-0
<b>SSL5</b>  	1/8 Circle Length 5.51mm	Blue Monofilament	2"/5cm	<b>J2560N</b> • •		
<b>SSL15</b>  	1/8 Circle Length 14.99mm	Blue Monofilament	3"/7.5cm	<b>J2559N</b> • •		
			6"/15cm		<b>J2558N</b> • •	
<b>DSL6</b>   TGI40-6	3/8 Circle Length 6.15mm	Blue Monofilament	12"/30cm	<b>J1710N</b> 1710G •		
<b>DSL6</b>   TGI40-6	1/2 Circle Length 5.51mm	Blue Monofilament	12"/30cm	<b>J2529N</b> 7761G PZ756K		

## UltraGlide™



				Size			
		Material	Length	9-0	8-0	7-0	6-0
<b>HLL5</b> 5.51mm 1/2 Circle  CS-160-6 SE-160-6	Blue Monofilament	6"/15cm	<b>J2625N</b> •				

## Needleless Suture (GATT)

				Size			
		Material	Length	9-0	8-0	7-0	6-0
	Blue Monofilament Twisted	6"/15cm					<b>J2626</b>

Product numbers are color coded respectively as Sharpoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
 B or N denotes a box of 12; D denotes a box of 36.

## UltraPlug™ Silicone Punctal Plugs

Inserted into the punctal opening to block tear drainage through the canaliculus, silicone plugs provide long-term relief of dry eye symptoms, and enable the eye to retain more of its own natural tears. 2 per box.

- Low-profile cap design virtually eliminates foreign body sensation
- Flexibility of cap design facilitates easy removal with jeweler's forceps, if necessary
- Individually packaged and preloaded on a sterile, disposable inserter / dilator
- Manufactured from soft silicone utilizing a single piece mold design for greater patient comfort

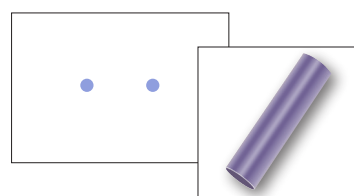
Item Number	Description
PPLUG4	0.4mm plug / Inserter
PPLUG5	0.5mm plug / Inserter
PPLUG6	0.6mm plug / Inserter
PPLUG7	0.7mm plug / Inserter
PPLUG8	0.8mm plug / Inserter



## UltraPlug™ Extended Wear Synthetic Absorbable Punctal Plugs

Inserted into the punctal opening to block tear drainage through the canaliculus, synthetic absorbable plugs provide extended temporary relief of dry eye symptoms. 2 plugs per package /10 packages per box.

- Indicated for use in the treatment of Dry Eye Syndrome and the dry eye components of various ocular surface diseases
- May be used after ocular surgery to prevent dry eye related complications
- Ideal for post-op dry eye management of LASIK patients
- Treatment option for seasonal allergy patients experiencing dry eye symptoms
- May be beneficial for contact lens patients experiencing dry eye related symptoms
- Manufactured from E-Caprolactone-L-Lactide copolymer (PCL)
- Essentially absorbed within 2-6 months (60-180 days)



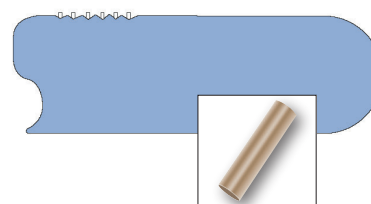
Item Number	Description
EPLUG2	0.2mm diameter /2.0mm length
EPLUG3	0.3mm diameter /2.0mm length
EPLUG4	0.4mm diameter /2.0mm length
EPLUG5	0.5mm diameter /2.0mm length

## UltraPlug™ Collagen Absorbable Punctal Plugs\*

Inserted into the punctal opening to block tear drainage through the canaliculus, collagen plugs provide temporary relief of dry eye symptoms. 6 plugs per package /10 packages per box.

- Manufactured from precisely measured premium collagen
- Used as a diagnostic assessment for permanent punctal occlusion
- Each individually packaged card contains 6 plugs
- Essentially absorbed within 7 to 10 days

Item Number	Description
C-PLUG2	0.2mm diameter /2.0mm length
C-PLUG3	0.3mm diameter /2.0mm length
C-PLUG4	0.4mm diameter /2.0mm length
C-PLUG-V	4 cards each of 3 different sizes - 0.2, 0.3, 0.4mm diameter /2.0mm length



\*UltraPlug™ Collagen Absorbable Punctal Plugs are not CE marked.



The trephine product line consists of disposable vacuum trephines, donor punch sets, and short or long handled trephines in sizes ranging from 6.0mm through 9.75mm, in 0.25mm increments. Advanced trephine blade technology provides an exquisitely sharp cutting edge to achieve the critical fit needed for successful cornea transplants.



Item Number  
11840

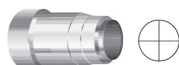
### Description

Vacuum Trephine - All metal, ergonomic design and ultra sharp blade with cross hairs. Designed for full-penetrating keratoplasty; Sterile; Single use; 1 piece/box



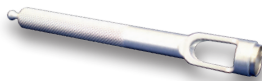
11850

Donor Punch Set - Unique design providing precise control and full visualization throughout the procedure; Sterile; Single use; 1 set/box



11901

X-Hair Trephine - Hand held; Sterile; Single use; 1 piece/box



11903

Long Handled Trephine - Hand held; Sterile; Single use; 1 piece/box

[illegible]

\* Available only in North & South America (except Brazil), where approved

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**877.991.1110** (USA and Canada only), **+1.610.404.3520** (International), or  
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