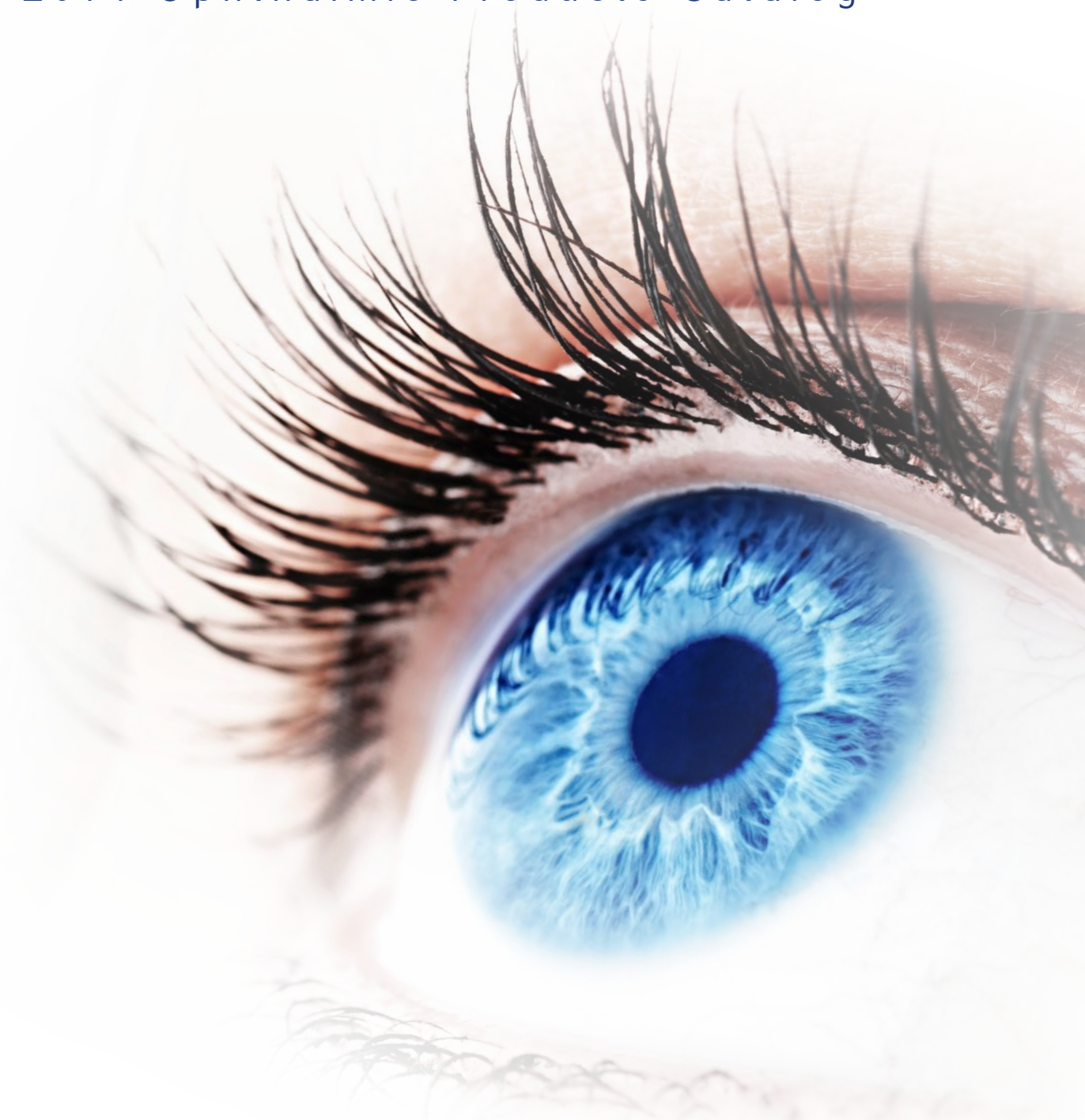




2014 Ophthalmic Products Catalog



## Ophthalmic Products

Surgical Specialties Corporation's ophthalmic device product line features Sharpoint™ disposable medical instruments. The Sharpoint™ product line is recognized globally as a leader in micro incision technologies.

- Ophthalmic instruments for cornea transplant include the EndoGlide™ DSAEK insertion device and a full line of corneal trephine products
- The Sharpoint™ disposable product offering also features a complete line of premium ophthalmic knives, sutures, cannulas and eye shields
- SharpGuard™ guarded knives are designed to meet OSHA requirements for sharps safety in ophthalmic surgery
- Permanent and temporary punctal plugs are available for dry eye management

## Infinite Edge™ Technology

Our proprietary manufacturing etching process, Infinite Edge™ Technology, eliminates blade grinding and produces cutting edges with consistent sharpness and tolerance, blade after blade.

- **Infinite design:** The Infinite Edge™ technology non-grinding sharpening process begins by obtaining a high quality stainless steel that is hardened and tempered to a uniform tensile strength and toughness. This process produces a structure that can be finished to ensure a consistently sharp, precise cutting edge.
- **Infinite consistency:** Infinite Edge™ technology virtually assures that the 100th blade or needle is as sharp and dimensionally consistent as the first. The process to form the various configurations utilizes high purity carbon tools that produce a consistent product dimension. These precision tools are relatively wear-free compared to the continued variations experienced in using traditional grinding manufacturing methods. Infinite Edge™ technology for automated manufacturing minimizes operator handling to produce unparalleled consistency.
- **Infinite sharpness:** Infinite Edge™ technology offers unlimited geometric shapes not readily achievable with traditional manufacturing methods used to fabricate most steel and diamond incision products. These endless shape geometries are attained with unprecedented thinness and strict tolerances.



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# Paracentesis Incision Knives

## ClearPort™ Paracentesis Knives

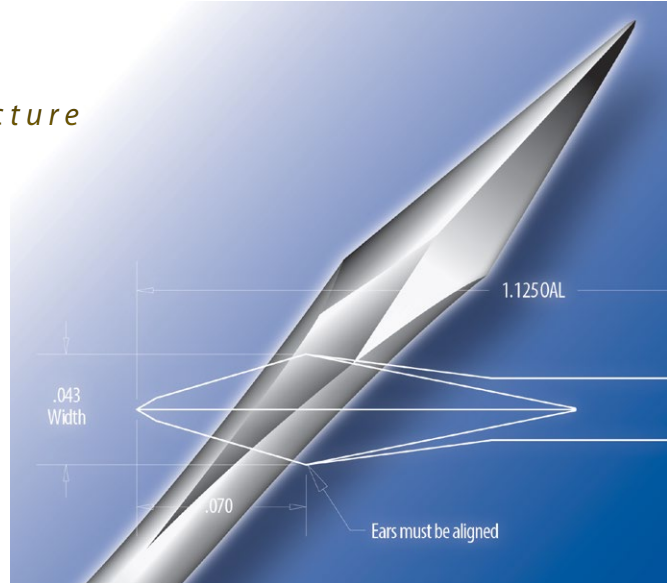
Technology = Superior Wound Architecture

### Exceptional Wound Architecture

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

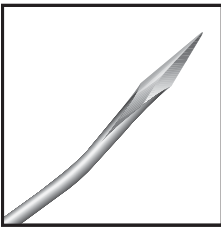
### Blade Geometry

and choice of sizes allows for precise cannula fit



## ClearPort™ Paracentesis Knives

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

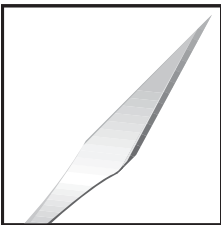


Knife	Description	Maximum Instrument Size
<b>78-2510</b>	0.6mm Angled	25g
<b>78-2310</b>	0.8mm Angled	23g
<b>78-2010</b>	1.1mm Angled	20g
<b>78-2010G</b>	1.1mm Angled*	20g
<b>78-2019</b>	1.4mm Angled, 1.0mm & 1.2mm indicator lines	19g

\*Features SharpGuard™ Guarded Handle

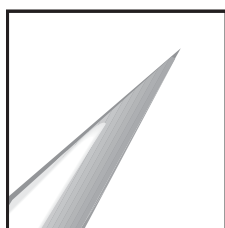
## Stab Knives

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

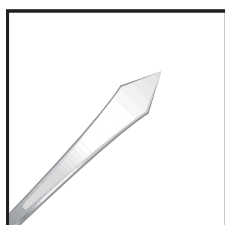


Knife	Blade/Tip	Description
<b>72-1501</b>	<b>72-1502</b>	15° Straight
<b>72-1501G</b>	•	15° Straight*
<b>72-1591</b>	•	15° Right angled
<b>72-2201</b>	<b>72-2202</b>	22.5° Straight
<b>72-3001</b>	<b>72-3002</b>	30° Straight
<b>72-4501</b>	<b>72-4502</b>	45° Straight

\*Features SharpGuard™ Guarded Handle



Knife	Blade/Tip	Description
<b>72-1531</b>	<b>72-1532</b>	15° 3.0mm Straight restricted blade depth
<b>72-1551</b>	<b>72-1552</b>	15° 5.0mm Straight restricted blade depth
<b>72-3036</b>	•	30° 3.5mm Straight restricted blade depth

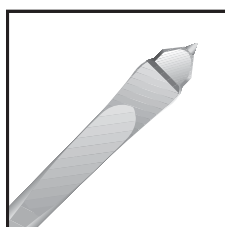


Knife	Description
<b>72-1001</b>	1.0mm Paracentesis, straight, single bevel

## Groove & Limbal Relaxation Incision Knives

### Precision Depth Knives

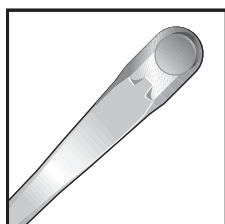
SharpPoint™ precision depth knives are designed to create groove and limbal relaxing incisions. Single formed design ensures precision accuracy. Dual cutting edges allow for incisions in left or right directions. **6 per box.**



Knife	Description
<b>72-0303</b>	300 µm Straight, full handle
<b>72-3503</b>	350 µm Straight, full handle
<b>72-0503</b>	500 µm Straight, full handle
<b>72-5503</b>	550 µm Straight, full handle
<b>72-6003</b>	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	Description
<b>72-0301</b>	300 µm Straight, full handle
<b>72-0401</b>	450 µm Straight, full handle



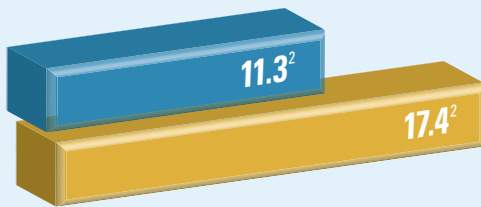
## Clear Control 3D™

Sharpness is one thing, **control is everything**

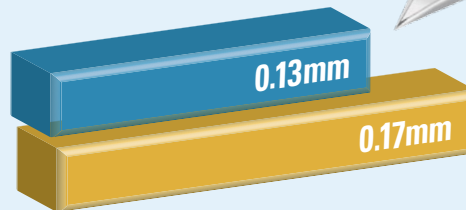


### Penetration Force and Blade Thickness

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



35% Lower Penetration Force Required



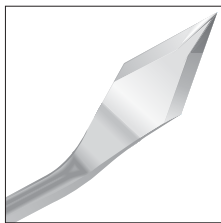
22% Thinner

- Clear Control 3D™ Blade
- Standard Bevel-Up Slit Blade

<sup>1</sup> Comparative study on file of Surgical Specialties Corporation knives. Average values reported. <sup>2</sup> Single pass measured in grams.

### Clear Control 3D™ Slit Knives

SharpPoint™ Clear Control 3D™ 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
<b>72-1050</b>	•	1.0mm Angled, full handle
<b>72-1550</b>	•	1.5mm Angled, full handle
<b>72-1650</b>	•	1.6mm Angled, full handle
<b>72-1850</b>	•	1.8mm Angled, full handle
<b>72-2050</b>	•	2.0mm Angled, full handle
<b>72-2250</b>	•	2.2mm Angled, full handle
<b>72-2450</b>	•	2.4mm Angled, full handle
<b>72-2550</b>	•	2.5mm Angled, full handle
<b>72-2650</b>	•	2.65mm Angled, full handle
<b>72-2750</b>	•	2.75mm Angled, full handle
<b>72-2850</b>	•	2.85mm Angled, full handle
<b>72-3050</b>	•	3.0mm Angled, full handle
<b>72-3250</b>	•	3.2mm Angled, full handle

# ***IQ Geometry™ Knives***

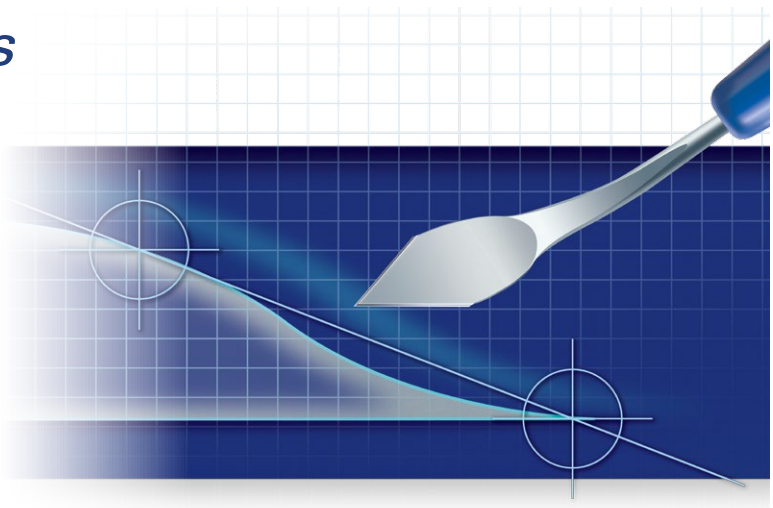
*innovative design performs beyond standard knives:*

## **Hollowed bevel design**

minimizes tissue contact, resulting in a reduction in penetration force

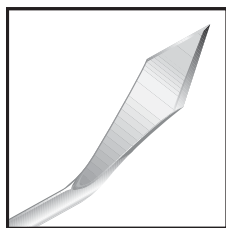
## **Uses Sharpoint™ Infinite Edge™**

proprietary finishing technology



## **IQ Geometry™ Slit Knives, Bevel-Up**

Sharpoint™ IQ Geometry™ slit 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. **6 per box.**



Knife	Description
<b>72-1540</b>	1.5mm Angled, full handle, bevel-up
<b>72-2040</b>	2.0mm Angled, full handle, bevel-up
<b>72-2240</b>	2.25mm Angled, full handle, bevel-up
<b>72-2540</b>	2.5mm Angled, full handle, bevel-up
<b>72-2640</b>	2.65mm Angled, full handle, bevel-up
<b>72-2740</b>	2.75mm Angled, full handle, bevel-up
<b>72-2840</b>	2.85mm Angled, full handle, bevel-up
<b>72-3040</b>	3.0mm Angled, full handle, bevel-up
<b>72-3240</b>	3.2mm Angled, full handle, bevel-up

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

Sharpoint™ 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
<b>77-1725</b>	1.7 - 2.2 - 2.5mm Angled, full handle, width indicator

# 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

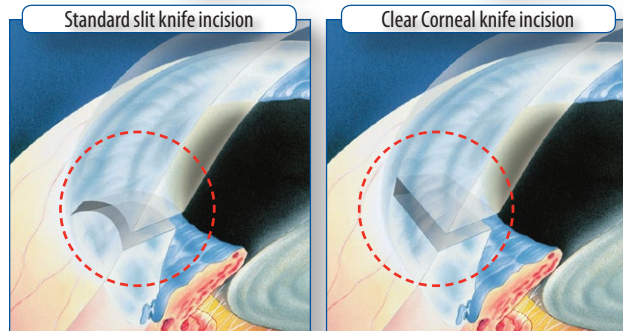
Thinner blade is designed for minimal effect on astigmatism, and to promote re-epithelialization. Short blade length reduces risk of induced trauma.

## Unique Patented Depth Indicators

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

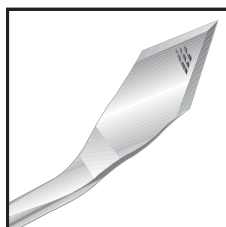
Clear Corneal Knife - Top View

Clear Corneal Knife - Bottom View



## Clear Corneal Knives, Double-Bevel

Sharpoint™ 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	Description
<b>72-1361</b>	1.3mm Angled, double-bevel, 1.0mm width indicator
<b>72-1661</b>	1.6mm Angled, double-bevel, 1.4mm width indicator
<b>72-1863</b>	1.8mm Angled, double-bevel, 1.5mm width indicator
<b>72-2263</b>	2.2mm Angled, double-bevel, 1.5mm & 1.75mm width indicator
<b>72-2463</b>	2.4mm Angled, double-bevel, width indicator
<b>72-2663</b>	2.65mm Angled, double-bevel, depth indicators
<b>72-2763</b>	2.75mm Angled, double-bevel, depth indicators
<b>72-2763G</b>	2.75mm Angled, double-bevel, depth indicators, guarded
<b>72-2863</b>	2.85mm Angled, double-bevel, depth indicators
<b>72-2863G</b>	2.85mm Angled, double-bevel, depth indicators, guarded
<b>72-3061</b>	3.0mm Angled, double-bevel, depth indicators
<b>72-3263</b>	3.2mm Angled, double-bevel, depth indicators
<b>72-4963</b>	4.9mm Angled, double-bevel, depth indicators

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

Sharpoint™ 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 (1.50mm, 1.75mm, 2.00mm) are visible on each blade. **6 per box.**

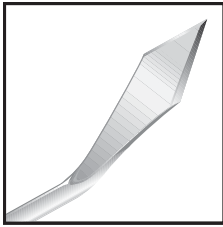


Knife	Description
<b>72-2635</b>	2.65mm Angled, double-bevel, depth indicators
<b>72-2735</b>	2.75mm Angled, double-bevel, depth indicators
<b>72-2835</b>	2.85mm Angled, double-bevel, depth indicators
<b>72-3035</b>	3.0mm Angled, double-bevel, depth indicators
<b>72-3235</b>	3.2mm Angled, double-bevel, depth indicators



## Slit Knives, Bevel-Up

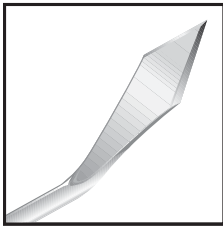
Sharpoint™ angled, bevel up precision slit knives penetrate easily while creating an accurate width incision for optimal fit to the phacoemulsification tip. **6 per box.**



Knife	Blade/Tip	Description
<b>72-1461</b>	•	1.4mm Angled, bevel-up
<b>72-1861</b>	•	1.8mm Angled, bevel-up
<b>72-2261</b>	•	2.2mm Angled, bevel-up
<b>72-2461</b>	•	2.4mm Angled, bevel-up
<b>72-2561</b>	<b>72-2562</b>	2.5mm Angled, bevel-up
<b>72-2561G</b>	•	2.5mm Angled, bevel-up, guarded
<b>72-2661</b>	<b>72-2662</b>	2.65mm Angled, bevel-up
<b>72-2661G</b>	•	2.65mm Angled, bevel-up, guarded
<b>72-2761</b>	<b>72-2762</b>	2.75mm Angled, bevel-up
<b>72-2761G</b>	•	2.75mm Angled, bevel-up, guarded
<b>72-2861</b>	<b>72-2862</b>	2.85mm Angled, bevel-up
<b>72-2861G</b>	•	2.85mm Angled, bevel-up, guarded
<b>72-2961</b>	<b>72-2962</b>	3.0mm Angled, bevel-up
<b>72-2961G</b>	•	3.0mm Angled, bevel-up, guarded
<b>72-3261</b>	<b>72-3262</b>	3.2mm Angled, bevel-up
<b>72-3261G</b>	•	3.2mm Angled, bevel-up, guarded
<b>72-3561</b>	•	3.5mm Angled, bevel-up
<b>72-4561</b>	•	4.5mm Angled, bevel-up
<b>72-5163</b>	•	5.1mm Angled, bevel-up

## Slit Knives, Double-Bevel

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

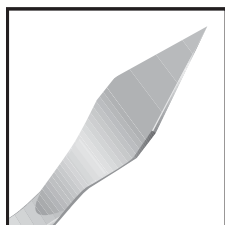


Knife	Description
<b>72-1831</b>	1.8mm Angled, double-bevel
<b>72-2231</b>	2.2mm Angled, double-bevel
<b>72-2231G</b>	2.2mm Angled, double-bevel, guarded
<b>72-2431</b>	2.4mm Angled, double-bevel
<b>72-2431G</b>	2.4mm Angled, double-bevel, guarded
<b>72-2531</b>	2.5mm Angled, double-bevel
<b>72-2631</b>	2.65mm Angled, double-bevel
<b>72-2831</b>	2.8mm Angled, double-bevel
<b>72-2931</b>	3.0mm Angled, double-bevel
<b>72-3231</b>	3.2mm Angled, double-bevel
<b>72-3270</b>	3.2mm 70° Angled, double-bevel
<b>72-3531</b>	3.5mm Angled, double-bevel

# Phaco Incision Knives

## Slit Knives, Bevel-Up, Parallel Sides

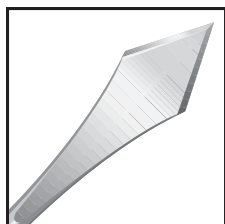
Sharpoint™ slit knives with parallel sides feature a single bevel design with side cutting ability. **6 per box.**



Knife	Blade/Tip	Description
<b>72-2912</b>	<b>72-2913</b>	3.0mm Angled, bevel-up
<b>72-3212</b>	•	3.2mm Angled, bevel-up

## Slit Knives, Single-Bevel

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



Knife	Description
<b>72-2801</b>	2.85mm Straight
<b>72-2901</b>	3.0mm Straight
<b>72-3201</b>	3.2mm Straight

# Phaco / Implant Incision Knives

## Trapezoid Design

Yields phaco and implant incisions in one knife

## Consistency

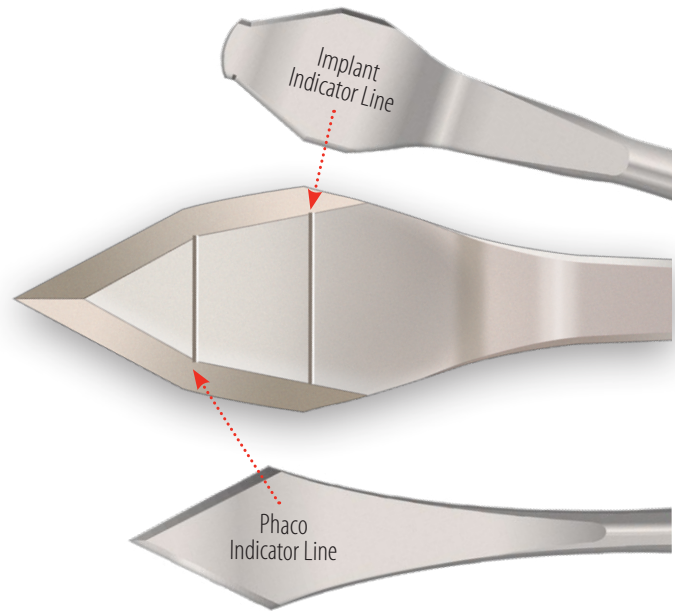
Allows surgeon to enlarge the phaco incision to a consistent, precise width for IOL insertion

## 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

Sharpoint™ 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.**

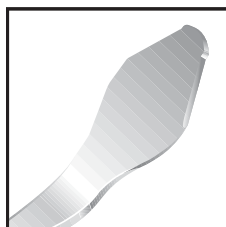


Knife	Description
<b>75-1214</b>	1.2 - 1.4mm Angled, width indicator
<b>75-1517</b>	1.5 - 1.7mm Angled, width indicator
<b>75-1520</b>	1.5 - 2.0mm Angled, width indicator
<b>75-1618</b>	1.6 - 1.8mm Angled, width indicator
<b>75-1720</b>	1.7 - 2.0mm Angled, width indicator
<b>75-1822</b>	1.8 - 2.2mm Angled, width indicator
<b>75-2022</b>	2.0 - 2.2mm Angled, width indicator
<b>75-2522</b>	2.5 - 2.9mm Angled, width indicator
<b>75-2524</b>	2.5 - 3.2mm Angled, width indicator
<b>75-2723</b>	2.75 - 3.0mm Angled, width indicator
<b>75-2724</b>	2.75 - 3.2mm Angled, width indicator
<b>75-2725</b>	2.75 - 3.5mm Angled, width indicator
<b>75-2726</b>	2.75 - 3.75mm Angled, width indicator
<b>75-2824</b>	2.85 - 3.2mm Angled, width indicator
<b>75-2825</b>	2.85 - 3.5mm Angled, width indicator
<b>75-2826</b>	2.85 - 3.75mm Angled, width indicator
<b>75-2925</b>	3.0 - 3.5mm Angled, width indicator
<b>75-3225</b>	3.2 - 3.5mm Angled, width indicator

# Implant Incision Knives

## Pilot Tip™ Implant Knives, Bevel-Up

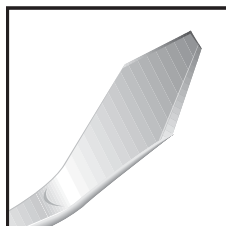
Sharpoint™ Pilot Tip™ implant knives are designed to follow the slit blade incision easily while the cutting edges create a precise opening for lens insertion. **6 per box.**



Knife	Description
<b>76-5361</b>	3.2mm Angled, bevel-up
<b>76-3461</b>	3.5mm Angled, bevel-up
<b>76-3761</b>	3.75mm Angled, bevel-up
<b>76-5161</b>	5.2mm Angled, bevel-up
<b>76-5561</b>	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.**

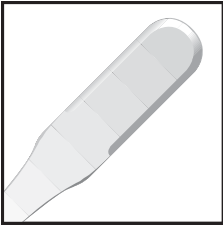


Knife	Description
<b>76-4061</b>	4.0mm Angled, bevel-up
<b>76-5261</b>	5.2mm Angled, bevel-up

# 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	Blade/Tip	Description
<b>74-1000</b>	<b>74-5000</b>	2.0mm Straight



Knife	Blade/Tip	Description
<b>74-1010</b>	<b>74-5062</b>	2.0mm Angled, bevel-up
<b>74-1010G</b>	•	2.0mm Angled, bevel-up, guarded
<b>74-1020</b>	•	2.0mm Angled, bevel-down
<b>74-1031</b>	•	2.0mm Angled, double-bevel

## 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.**



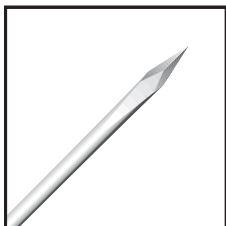
Knife	Description
<b>74-6910</b>	1.25mm Angled, double-bevel



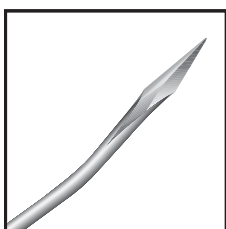
# Vitreotomy Knives

## Vitreotomy 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
<b>71-1901</b>	19 gauge Straight
<b>71-2001</b>	20 gauge Straight
<b>71-2301</b>	23 gauge Straight
<b>71-2501</b>	25 gauge Straight



Knife	Description
<b>71-2061</b>	20 gauge Angled

# Specialty Knives

## Spoon Knives, Double-Bevel

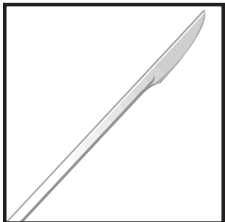
SharpPoint™ spoon knives feature a unique 320° cutting radius and ultra-thin blade to enhance precision cutting capabilities where multi-directional techniques are performed. **6 per box.**



Knife	Description
<b>74-2261</b>	2.2mm Angled, double-bevel
<b>74-3061</b>	3.0mm Angled, double-bevel

## Specialty Knives

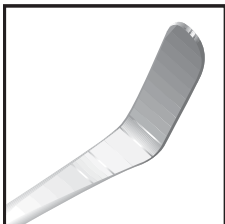
SharpPoint™ specialty knives are available in a variety of shapes and sizes for various techniques and procedures. **6 per box.**



Knife	Description
<b>78-6810</b>	Needle blade, straight, 4.0mm cutting edge



Knife	Blade/Tip	Description
•	<b>78-5700</b>	Scleral blade, straight

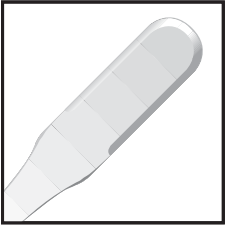


Knife	Blade/Tip	Description
•	<b>78-6600</b>	2.3mm Lamellar blade, angled, bevel-up

# Specialty Knives

## 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

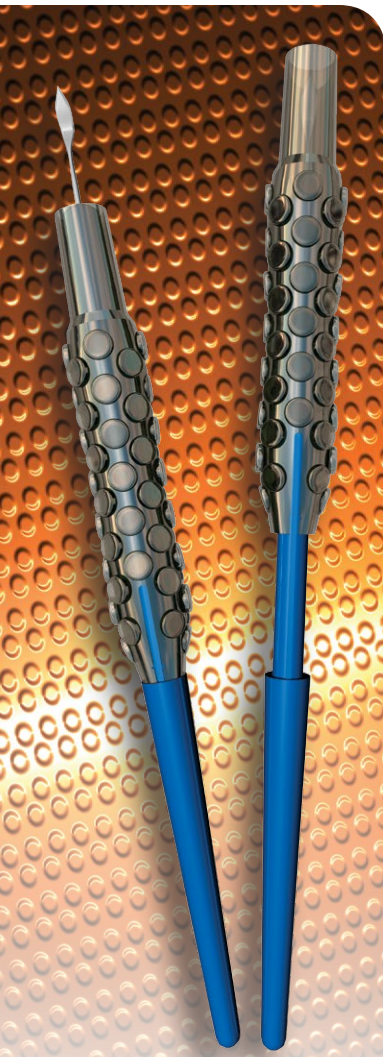
# Guarded Knives



**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.**



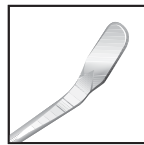
Knife	Description
<b>72-1501G</b>	15° Stab, straight, guarded



<b>72-2763G</b>	2.75mm Clear Corneal, angled, double-bevel, guarded
<b>72-2863G</b>	2.85mm Clear Corneal, angled, double-bevel, guarded



<b>72-2231G</b>	2.2mm Slit angled, double-bevel, guarded
<b>72-2431G</b>	2.4mm Slit angled, double-bevel, guarded
<b>72-2561G</b>	2.5mm Slit angled, bevel-up, guarded
<b>72-2661G</b>	2.65mm Slit angled, bevel-up, guarded
<b>72-2761G</b>	2.75mm Slit angled, bevel-up, guarded
<b>72-2861G</b>	2.85mm Slit angled, bevel-up, guarded
<b>72-2961G</b>	3.0mm Slit angled, bevel-up, guarded
<b>72-3261G</b>	3.2mm Slit angled, bevel-up, guarded

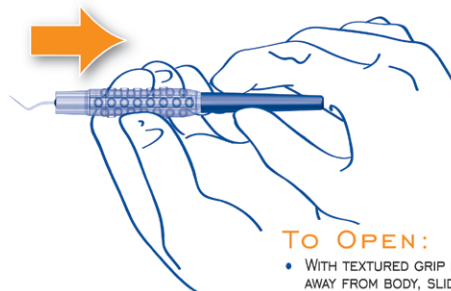


<b>74-1010G</b>	2.0mm Crescent, angled, bevel-up, guarded
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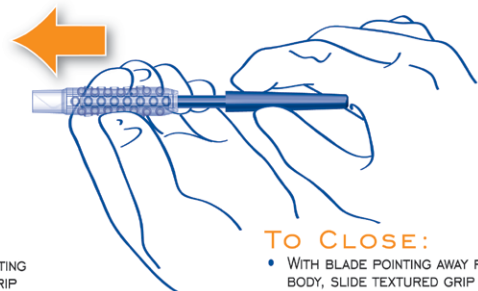
<b>78-2010G</b>	1.1mm ClearPort™ paracentesis, angled, guarded
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## Directions For Use



**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.

# Introduction



## 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 Sharpoint™ needle code is blue, the comparable Alcon™ needle code is brown, the comparable Ethicon™ needle code is black, and the comparable Syneture™ needle code is aqua blue. 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

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

**Sharpoint™** product code

**Ethicon™** comparable product code

**Syneture™** comparable product code

**DermaGlide™ Needles**

NEEDLE	MATERIAL	LENGTH	6-0	5-0	4-0	3-0	2-0	0
<b>DGL13</b> 13mm 3/8 Circle B0-2 P-3 DX-13	Undyed Braided	18"/45cm	<b>GD-492N</b> J833G XL833	<b>GD-493N</b> J834G XL834				

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

## How To Read Our Suture Box Labels

Each Sharpoint™ 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  
**AA-2626N**  
 ONE DOZEN (12)  
 NON ABSORBABLE

**NYLON**  
 BLACK MONOFILAMENT

12"/30cm  
**10-0 USP**  
 0.2 METRIC

2x HGL5  
 ULTRAGLIDE™  
 SPATULA  
 1/2 c 5.51 mm

LOT | LOT CODE  
 YYYY-MM

CE 0120

STERILE EO 0055



# Needle Chart

## UltraGlide™ Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>Bicurve</b>			
BGL5	AU-8	CSB-6	• 4.88mm
<b>3/8 Circle</b>			
DGL6	NU-1, CU-1	CS140-6	SE-140-6 6.15mm
<b>1/2 Circle</b>			
HGL5	CU-5	CS160-6	SE-160-6 5.51mm
HGL7	CU-2	CS175-6	• 6.99mm



## DermaGlide™ Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>3/8 Circle</b>			
DGL11	B0-1	P-1	DX-11 11mm
DGL13	B0-2	P-3, PC-1	DX-13 13mm
DGL19	•	PS-2, PC-5	DX-19 19mm
<b>1/2 Circle</b>			
HGL9	•	P-2	P-21 9mm
HGL16	•	PS-4, PC-12	DXH-16 16mm



## Side Cutting Lancet Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>Bicurve</b>			
BSL5	CU-8, AU-8	TG6-C	• 5.51mm
<b>1/8 Circle</b>			
SSL5	•	•	• 5.51mm
SSL15	•	•	• 14.99mm
<b>1/4 Circle</b>			
VSL7	C-6	TG100-8	SE100-8 6.6mm
VSP8	T-1	S-29, S-24	SD-1, SS-24 8mm
VCL8	R-1	S-14	SS-14 8.51mm
<b>3/8 Circle</b>			
DSL6	CU-1, AU-1	TG140-6	SE140-6 6.15mm
DSL7	C-3	TG140-8	SE140-8 6.6mm
<b>1/2 Circle</b>			
HSL5	CU-5, AU-5	TG160-6	SE160-6 5.51mm
HSL7	C-4	•	• 7mm

## Precision Reverse Cutting Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>3/8 Circle</b>			
DSM7	•	G-6	HE-6 7mm
DSM11	B0-1	P-1, G-1	P-10 11mm
DSM13	B0-2	P-3	P-13 13mm
DSM16	•	PS-3	P-11 16mm
<b>1/2 Circle</b>			
HSM8	B-2	G-7	• 8mm

## Reverse Cutting Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>3/8 Circle</b>			
DS12	•	C-2	C-1 12mm
DS14	•	C-3	C-12 14mm
DS16	•	FS-3	C-12 16mm
DS18	•	FS-2	C-13 18mm
<b>1/2 Circle</b>			
HS16	•	•	• 16mm

## Taper Point Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>3/8 Circle</b>			
DRM6	•	BV130-5	MV135-5 5mm
DR12	P-1, P-5	C-1	CV-1 12mm

## Taper Cutting Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>3/8 Circle</b>			
DRT14	PC-1, PC-5	CC-1	• 14mm
<b>1/2 Circle</b>			
HRT17	•	V-5	KV-5 17mm

## Precision Conventional Cutting Needles



SharpPoint™	Alcon™	Ethicon™	Syneture™
<b>3/8 Circle</b>			
DSCM13	•	PC-1	P-13 13mm
DSCM16	•	PC-3	P-11 16mm

# Needle Chart

## Center Point Spatula Needles

SharpPoint™	Alcon™	Ethicon™	Syneture™	
<b>1/4 Circle</b>				
D05	R-1	RD-1	SS-24	8mm 

## Diamond Point Needles

SharpPoint™	Alcon™	Ethicon™	Syneture™	
<b>3/8 Circle</b>				
DE7	.	G-6	HE-6	8.13mm 

## Vas Cutting Needles

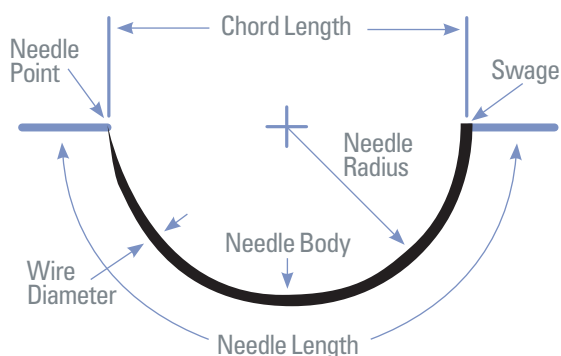
SharpPoint™	Alcon™	Ethicon™	Syneture™	
<b>1/4 Circle</b>				
VVL4	.	.	.	4mm 

## M.E.T.™ Point Needles

SharpPoint™	Alcon™	Ethicon™	Syneture™	
<b>3/8 Circle</b>				
DRM5	.	.	.	5mm 

# Needle Specifications

## Needle Anatomy



## Needle Terminology

**Chord Length:** Straight line distance from the point of a curved needle to the swage

**Needle Length:** Distance measured along the circumference of the needle, from the point to the swage

**Needle Shapes:** Different surgeries or surgical techniques demand different needle shapes. Needles are available in the following shapes: straight, bicurve, 1/8 circle, 1/4 circle, 3/8 circle and 1/2 circle

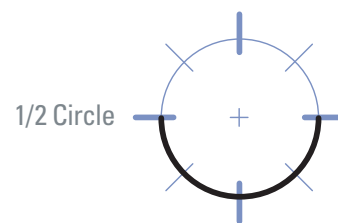
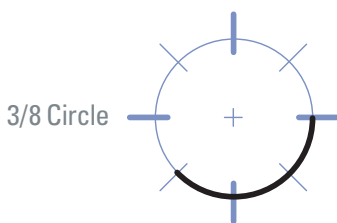
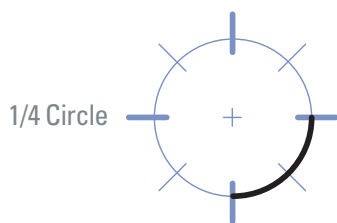
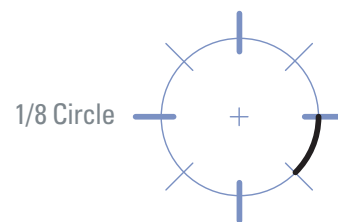
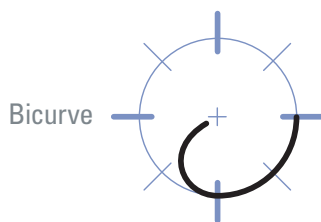
**Point:** The sharpened part of the needle that first penetrates the tissue

**Radius:** Distance from the center of an imaginary circle that would be formed by the needle if it were round. The radius is measured to the middle of the needle wire

**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 needle wire originally used to form the needle body

## Needle Shapes



# Suture Materials

## Sharpoint™ Absorbable Sutures

Material	Material Description	BSR Profile	Mass Absorption
<b>Gut*</b> •Surgical Gut ▲Plain Gut/Chromic Gut	 Twisted <ul style="list-style-type: none"> <li>• Plain</li> <li>• Chromic</li> <li>• Packaged Dry or In Wetting Solution</li> </ul>	In vivo strength retention: <ul style="list-style-type: none"> <li>• Varies</li> </ul>	Varies depending upon type of suture (plain vs. chromic) and site of placement
<b>PolySyn™</b> (glycolic acid) •Vicryl™ ▲Polysorb™/Dexon™	 Braided <ul style="list-style-type: none"> <li>• Undyed (clear)</li> <li>• Dyed (violet)</li> </ul>	In vivo strength retention: <ul style="list-style-type: none"> <li>• 50% at 2 weeks</li> <li>• 20% at 3 weeks</li> </ul>	Essentially complete between 50 and 90 days

•Comparable Ethicon™ material ▲Comparable Syneture™ material

\*Gut sutures are not CE marked.

## Sharpoint™ Non-Absorbable Sutures



Material	Material Description	Qualities
<b>Polyviolene™</b> (poly (ethylene-terephthate) •Mersilene™/Ethibond™ ▲Surgidac™/Ti-Cron™	 Braided <ul style="list-style-type: none"> <li>• Dyed (white) Uncoated</li> <li>• Dyed (green) Coated</li> </ul>	<ul style="list-style-type: none"> <li>• Smooth</li> <li>• Easy to handle</li> <li>• Good knot security</li> </ul>
<b>Nylon</b> •Ethilon™ ▲Monosof™/Dermalon™	 Monofilament <ul style="list-style-type: none"> <li>• Undyed (clear)</li> <li>• Dyed (blue) (black)</li> <li>• Packaged Dry or In Wetting Solution</li> </ul>	<ul style="list-style-type: none"> <li>• Passes easily through tissue</li> </ul>
<b>Silk</b> •Permahand Silk™ ▲Sof silk™	 Braided <ul style="list-style-type: none"> <li>• Undyed (white)</li> <li>• Dyed (black)</li> <li>• Coated</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent handling &amp; tying characteristics</li> </ul>
<b>Polypropylene</b> •Prolene™ ▲Surgipro™/Surgilene™	 Monofilament <ul style="list-style-type: none"> <li>• Undyed (clear)</li> <li>• Dyed (blue)</li> </ul>	<ul style="list-style-type: none"> <li>• Inert</li> <li>• Easy to handle</li> <li>• Passes easily through tissue</li> </ul>

•Comparable Ethicon™ material ▲Comparable Syneture™ material

# Plain Gut Sutures\*


## DermaGlide™ Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DGL11</b>  11mm 3/8 Circle B0-1 P-1 DX-11	Plain Gut	18"/45cm					<b>BD-660N</b> 		




## Precision Conventional Cutting Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DSCM13</b>  13mm 3/8 Circle PC-1 P-13	Plain Gut	18"/45cm					<b>BA-2711N</b> 1916G XG1916		

## Precision Reverse Cutting Needles





NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DSM11</b>  11mm 3/8 Circle B0-1 P-1 P-10	Plain Gut	12"/30cm					<b>BA-2698N</b> 		
		18"/45cm					<b>BA-2415N</b> 774G SG1645		
<b>DSM11</b>  11mm 3/8 Circle B0-1 P-1 P-10	Plain Gut	18"/45cm					<b>BA-770N</b> 770G SG1645		

\*Gut sutures are not CE marked.

# Chromic Gut Sutures\*

## DermaGlide™ Needles








NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DGL13</b>  13mm 3/8 Circle B0-2 P-3 DX-13	Chromic Gut	18"/45cm						<b>CD-687DA</b> 	

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

\*Gut sutures are not CE marked.

# PolySyn™ (Polyglycolic Acid) Sutures

## DermaGlide™ Needles

NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>DGL11</b> 11mm 3/8 Circle  B0-1 P-1 DX-11	Undyed Braided	8"/20cm				<b>GD-489S</b> ● ●			
<b>DGL13</b> 13mm 3/8 Circle  B0-2 P-3 DX-13	Undyed Braided	8"/20cm				<b>GD-492S</b> ● ●	<b>GD-493S</b> ● ●	<b>GD-494S</b> ● ●	
		18"/45cm				<b>GD-492N</b> J833G XL833	<b>GD-493N</b> J834G XL834	<b>GD-494N</b> J835G XL835	
<b>DGL19</b> 19mm 3/8 Circle  PS-2 DX-19	Undyed Braided	8"/20cm					<b>GD-495S</b> ● ●	<b>GD-496S</b> ● ●	
		18"/45cm				<b>GD-794N</b> ● ●	<b>GD-495N</b> J822G XL822	<b>GD-496N</b> J823G XL823	<b>GD-497N</b> J824G XL824
<b>HGL9</b> 9mm 1/2 Circle  P-2 P-21	Undyed Braided	18"/45cm					<b>GD-503N</b> J503G SL1644G	<b>GD-504N</b> J504G SL1645G	
<b>HGL16</b> 16mm 1/2 Circle  PS-4 P-24	Undyed Braided	18"/45cm					<b>GD-506N</b> J506G SL5632G	<b>GD-507N</b> J507G SL5633G	

## Diamond Point Needles

NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DE7</b> 8.13mm 3/8 Circle  G-6 HE-6	Violet Braided	12"/30cm					<b>GA-446N</b> J551G L1551K		



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



# PolySyn™ (Polyglycolic Acid) Sutures




## Precision Conventional Cutting Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DSCM13</b>  13mm 3/8 Circle Undyed Braided 18"/45cm PC-1 P-13	Undyed Braided	18"/45cm						<b>GA-834N</b> J834G SL5687G	
<b>DSCM16</b>  16mm 3/8 Circle Undyed Braided 18"/45cm PC-3 PC-11	Undyed Braided	18"/45cm							<b>GA-845N</b> VR835 SL5686G



## Precision Reverse Cutting Needles



NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>DSM11</b>  11mm 3/8 Circle Undyed Braided 18"/45cm B0-1 PS-1 P-10	Undyed Braided	18"/45cm					<b>GA-490N</b> J490G SL1689G		
<b>DSM13</b>  13mm 3/8 Circle Violet Braided 18"/45cm B0-2 P-3 P-13	Violet Braided	18"/45cm						<b>GA-463N</b> J464G SL5691G	
<b>DSM16</b>  16mm 3/8 Circle Undyed Braided 18"/45cm PS-3 P-11	Undyed Braided	18"/45cm				<b>GA-499N</b> J499G XL843	<b>GA-500N</b> J500G SL5626G		<b>GA-0508N</b> ● SL5621

## Side Cutting Lancet Needles




NEEDLE	DESCRIPTION	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0
<b>VSL7</b>  C-6 TG100-8 SE-100-8	1/4 Circle Length 6.60mm Curvature 94 Radius 3.94mm Chord 5.89mm Wire .20mm	Violet Braided	18"/45cm				<b>GA-544N</b> J544G L1750K	
<b>VCL8</b>  R-1 S-14 SS-14	1/4 Circle Length 8.51mm Curvature 112 Radius 4.36mm Chord 7.24mm Wire .33mm	Undyed Braided	18"/45cm				<b>GA-670N</b> J670G L1670	<b>GA-671N</b> J671G L1669
	1/4 Circle Length 8.51mm Curvature 109 Radius 4.32mm Chord 7.28mm Wire .34mm	Violet Braided	8"/20cm				<b>GA-590N</b> J590G L1740K	
		Violet Braided	18"/45cm				<b>GA-570N</b> J570G ●	

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

## Side Cutting Lancet Needles




NEEDLE	DESCRIPTION	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0
<b>VSP8</b> 	1/4 Circle Radius 3.97mm Length 7.62mm Chord 6.50mm Curvature 110	Violet Braided	12"/30cm				<b>GA-556N</b> J556G L1446K	
			18"/45cm				<b>GA-555N</b> J555G ●	
	1/4 Circle Radius 5.16mm Length 8.00mm Chord 7.29mm Curvature 90		12"/30cm				<b>GA-552N</b> J552G L1742K	<b>GA-553N</b> J553G L1785K

T1 S-29, S-24 SD-1, SS-24

## Taper Cutting Needles




NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>HRT17</b>  17mm 1/2 Circle V-5 KV-5	Violet Braided	18"/45cm					<b>GA-502N</b> ●		

## Polyviolene™ (Polyester) Sutures


### Side Cutting Lancet Needles



NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>VSP8</b>  8mm 1/4 Circle T1 S-24 SS-14	White Braided Uncoated	18"/45cm					<b>FA-893NC</b> W893 ●		

### Taper Cutting Needles




NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>HRT17</b>  17mm 1/2 Circle V-5 KV-5	Green Braided Uncoated	12"/30cm Loop						<b>FC-2600N</b> ●	<b>FC-2678N</b> X872H ●

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

# Nylon Sutures





## Center Point Spatula Needles



NEEDLE	DESCRIPTION	MATERIAL	LENGTH	8-0	7-0	6-0	5-0
<b>D05</b>  RD-1 SS-24	1/4 Circle Length 8.00mm Curvature 90	Radius 5.10mm Chord 6.00mm Wire .33mm	Black Monofilament	18"/45cm			<b>AA-2684N</b>  749G N2781

## DermaGlide™ Needles




NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DGL11</b>  B0-1 P-1 DX11	Black Monofilament	11mm 3/8 Circle 8"/20cm					<b>AD-697S</b>  ● ●		
		18"/45cm				<b>AD-1696</b>  1696G XN1696	<b>AD-697N</b>  697G SN3697		
<b>DGL13</b>  B0-2 P-3 DX13	Black Monofilament	13mm 3/8 Circle 8"/20cm					<b>AD-1698S</b>  ● ●	<b>AD-698S</b>  ● ●	<b>AD-699S</b>  ● ●
		18"/45cm					<b>AD-1698</b>  1698G XN1856	<b>AD-698N</b>  698G XN1855	<b>AD-699N</b>  699G XN1854
<b>DGL19</b>  PC-5 DX19	Black Monofilament	19mm 3/8 Circle 8"/20cm						<b>AD-1666S</b>  ● ●	<b>AD-1667S</b>  ● ●
		18"/45cm						<b>AD-1666</b>  1666G SN5666G	<b>AD-1667</b>  1667G SN5667G
<b>HGL16</b>  PC-12 DXH16	Black Monofilament	16mm 1/2 Circle 18"/45cm						<b>AD-1661</b>  1661G SN5661G	<b>AD-1662</b>  1662G SN5662G

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




## Precision Conventional Cutting Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DSCM16</b>  16mm 3/8 Circle  PC-3 PC-11	Black Monofilament	18"/45cm					AA-2317N 1866G SN1966	AA-2193N 1865G SN3965	AA-2194N 1864G SN1964
	Black Monofilament Pliable	18"/45cm						AA-2428N 1965G SN3965	


## Precision Reverse Cutting Needles



NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>DSM11</b>  11mm 3/8 Circle  BO-1 P-1 P-10	Black Monofilament	18"/45cm			AA-2316N 1866G SN3686				
<b>DSM13</b>  13mm 3/8 Circle  BO-2 P-3 P-13	Black Monofilament	18"/45cm				AA-2176N 1698G SN5696G	AA-2177N 698G SN5698G	AA-2178N 699G SN5699G	
	Clear Monofilament	18"/45cm						AA-691N 691G SN5691G	
<b>DSM16</b>  16mm 3/8 Circle  PS-3 P-11	Black Monofilament	18"/45cm					AA-2181N 1668G SN5668G		

## Side Cutting Lancet Needles











NEEDLE	DESCRIPTION	MATERIAL	LENGTH	11-0	10-0	9-0	8-0
<b>BSL5</b>   CU-8, AU-8 TG6-C	Bicurve Radius 1.52/2.79mm Length 4.88mm Chord 3.71mm Curvature 90/50 Wire .15mm	Black Monofilament	6"/15cm		AA-2687N 7799G		
			12"/30cm		AA-2522N		

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

# Nylon Sutures

## Side Cutting Lancet Needles



NEEDLE	DESCRIPTION	MATERIAL	LENGTH	11-0	10-0	9-0	8-0
<b>BSL5</b> 	Bicurve Length 4.88mm Curvature 90/50 Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	8"/20cm		<b>AA-2524N</b> ● ●		
			12"/30cm		<b>AA-2525N</b> 7799G ●		
CU-8, AU-8 TG6-C							
<b>DSL6</b> 	3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 4.83mm Wire .15mm	Black Monofilament	6"/15cm		<b>AA-2683N</b> ● ●		
			12"/30cm		<b>AA-2533N</b> ● ●		
CU-1, AU-1 TG140-6							
<b>DSL6</b> 	3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 4.83mm Wire .15mm	Black Monofilament	12"/30cm		<b>AA-2518N</b> 7770G ●		
CU-1, AU-1 TG140-6							
<b>DSL7</b> 	3/8 Circle Length 6.60mm Curvature 131 Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm		<b>AA-2532N</b> ● ●		
TG140-8							
<b>DSL7</b> 	3/8 Circle Length 6.60mm Curvature 131 Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm		<b>AA-2516N</b> 7718G ●	<b>AA-2517N</b> 7717G ●	
C-3 TG140-8							
<b>HSL5</b> 	1/2 Circle Length 5.51mm Curvature 150 Radius 2.03mm Chord 4.07mm Wire .15mm	Black Monofilament	6"/15cm		<b>AA-2534N</b> ● ●	<b>AA-2681N</b> ● ●	
			12"/30cm		<b>AA-2510N</b> ● ●		
CU-5, AU-5 TG160-6							
<b>HSL5</b> 	1/2 Circle Length 5.51mm Curvature 150 Radius 2.03mm Chord 4.07mm Wire .15mm	Black Monofilament	6"/15cm		<b>AA-2521N</b> 7757G ●		
			12"/30cm		<b>AA-0228N</b> 7756G N2756K	<b>AA-2523N</b> 7760G ●	
CU-5, AU-5 TG160-6							
<b>HSL7</b> 	1/2 Circle Length 7.04mm Curvature 175 Radius 2.29mm Chord 4.71mm Wire .15mm	Black Monofilament	12"/30cm		<b>AA-2519N</b> ● ●		
C-4							

Product numbers are color coded respectively as Sharp™ (blue), Alcon™ (brown), Ethicon™ (black), and Syneture™ (aqua blue).  
**B** or **N** denotes a box of 12; **D** denotes a box of 36.




# UltraGlide™ Needles



NEEDLE	DESCRIPTION	MATERIAL	LENGTH	11-0	10-0	9-0	8-0
<b>BGL5</b>  <small>AU-8 CSB-6</small>	Bicurve Length 4.88mm Curvature 90/50 Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	12"/30cm		AA-2675N 9007G		
<b>DGL6</b>  <small>NU-1, CU-1 CS140-6 SE-140-6</small>	3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 4.82mm Wire .15mm	Black Monofilament	4"/10cm		AA-2673N 9060G		
<b>DGL6</b>  <small>NU-1, CU-1 CS140-6 SE-140-6</small>	3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 4.82mm Wire .15mm	Black Monofilament	12"/30cm		AA-2627N 9003G		
<b>HGL5</b>  <small>CU-5 CS160-6 SE-160-6</small>	1/2 Circle Length 5.51mm Curvature 160 Radius 2.03mm Chord 4.06mm Wire .15mm	Black Monofilament	4"/10cm		AA-2674N 9061G		
<b>HGL5</b>  <small>CU-5 CS160-6 SE-160-6</small>	1/2 Circle Length 5.51mm Curvature 160 Radius 2.03mm Chord 4.06mm Wire .15mm	Black Monofilament	6"/15cm	AA-2713N 9016G	AA-2712N 9001G		
			12"/30cm		AA-2626N 9000G		
<b>HGL7</b>  <small>CU-2 CS175-8</small>	1/2 Circle Length 6.99mm Curvature 175 Radius 2.29mm Chord 4.57mm Wire .15mm	Black Monofilament	12"/30cm		AA-2714N 9032G		

# VAS Cutting Needles








NEEDLE	DESCRIPTION	MATERIAL	LENGTH	11-0	10-0	9-0	8-0
<b>VVL4</b> 	1/4 Circle Length 4mm 100 Microns Curvature 109	Black Monofilament	5"/13cm			AA-2819N ● ●	

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

# Silk Sutures





## Precision Reverse Cutting Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DSM7</b> 7mm 3/8 Circle  G-6 HE-6	Black Braided	12"/30cm				<b>DA-2680N</b> 768G S1768K			
<b>DSM7</b> 7mm 3/8 Circle  G-6 HE-6	Black Braided	18"/45cm				<b>DA-0191N</b> 7733G S1768K	<b>DA-2622N</b> 769G ●		
<b>DSM11</b> 11mm 3/8 Circle  B0-1 P-1 P-10	Black Braided	18"/45cm					<b>DA-0187N</b> 639G S51639G		
<b>DSM11</b> 11mm 3/8 Circle  B0-1 P-1 P-10	Black Braided	18"/45cm					<b>DA-0188N</b> 780G S1750		
<b>HSM8</b> 8mm 1/2 Circle  B-2 G-7 HE-7	Black Braided	18"/45cm					<b>DA-765N</b> 765G S1765		

## Reverse Cutting Needles



NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>DS12</b> 12mm 3/8 Circle  C-2 C-1	Black Braided	18"/45cm				<b>DC-0372N</b> ● S1172	<b>DC-0374N</b> ● S1173		
<b>DS16</b> 16mm 3/8 Circle  FS-3 C-12	Black Braided	18"/45cm					<b>DC-0388N</b> 1678H SS5678 <b>DC-0388D</b>	<b>DC-0239N</b> 739G SS686	<b>DC-0389N</b> ● ●
<b>DS18</b> 18mm 3/8 Circle  FS-2 C-13	Black Braided	18"/45cm					<b>DC-1427D</b> 682G SS682G	<b>DC-0210N</b> 683G SS683G <b>DC-0210D</b>	<b>DC-0157N</b> 1679H SS694 <b>DC-0157D</b>
<b>HS16</b> 16mm 1/2 Circle  	Black Braided	18"/45cm							<b>DC-2460N</b> ● ●

Product numbers are color coded respectively as Sharpint™ (blue), Alcon™ (brown), Ethicon™ (black), and Syneture™ (aqua blue).  
**B** or **N** denotes a box of 12; **D** denotes a box of 36.

## Side Cutting Lancet Needles




NEEDLE	DESCRIPTION	MATERIAL	LENGTH	9-0	8-0	7-0	6-0
<b>VSP8</b>  T-1 S-24 SS-24	1/4 Circle Radius 5.08mm Length 8mm Chord 7.24mm Curvature 90 Wire .35mm	Black Braided	18"/45cm				<b>DA-2624N</b>  1780G S2780
<b>DSL6</b>  CU-1, AU-1 TG140-6 SE-140-6	3/8 Circle Radius 2.54mm Length 6.15mm Chord 4.83mm Curvature 135 Wire .15mm	Blue Braided Virgin	18"/45cm		<b>DA-2552N</b> † ● ●		
<b>DSL7</b>  C-3 TG140-8 SE-140-8	3/8 Circle Radius 2.79mm Length 6.60mm Chord 5.26mm Curvature 131 Wire .20mm	Black Braided	12"/30cm		<b>DA-2526N</b>  599G ●		
			18"/45cm			<b>DA-2527N</b>  7733G S1768K	
		Blue Braided Virgin	18"/45cm		<b>DA-2550N</b> † ● ●		

† Not sold in U.S.A.


## Taper Cutting Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DRT14</b>  14mm 3/8 Circle PC-1, PC-5 CC-1	Black Braided	18"/45cm					<b>DC-2530N</b>  7729G ●		<b>DC-2531N</b>  K945G ●

## Taper Point Needles






NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DR12</b>  12mm 3/8 Circle P-1, P-5 C-1 CV-1	Black Braided	18"/45cm					<b>DC-2150N</b>  707G VS802		<b>DC-2515N</b>  7734G ●

Product numbers are color coded respectively as SharpPoint™ (blue), Alcon™ (brown), Ethicon™ (black), and Syneture™ (aqua blue).  
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# Polypropylene Sutures


## DermaGlide™ Needles



NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>DGL11</b> 11mm 3/8 Circle  B0-1 P-1 DX11	Blue Monofilament	8"/20cm				<b>JD-8697S</b> ●			
		18"/45cm				<b>JD-8697</b> 8697G ●	<b>JD-8694</b> ●		
<b>DGL13</b> 13mm 3/8 Circle  B0-2 P-3 DX13	Blue Monofilament	8"/20cm				<b>JD-8695S</b> ●	<b>JD-8698S</b> ●	<b>JD-8699S</b> ●	
		18"/45cm				<b>JD-8695</b> 8695G/8617G SP5695G ●	<b>JD-8698</b> 8698G/8618G SP5698G ●	<b>JD-8699</b> 8699G/8619G SP5699G ●	
<b>DGL19</b> 19mm 3/8 Circle  PC-5 DX19	Blue Monofilament	8"/20cm					<b>JD-8686S</b> ●	<b>JD-8682S</b> ●	
		18"/45cm					<b>JD-8686</b> 8686G/8630G SP5686G ●	<b>JD-8682</b> 8682G/8631G SP5682G ●	<b>JD-8687</b> 8687G/8632G SP5687G ●



## M.E.T.™ Point Needles



NEEDLE	DESCRIPTION	MATERIAL	LENGTH	11-0	10-0	9-0	8-0
<b>DRM5</b> 	3/8 Circle Length 5mm 100 Microns Curvature 135	Blue Monofilament	5"/13cm			<b>JA-2123N</b> ●	

## Precision Conventional Cutting Needles






NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DSCM13</b> 13mm 3/8 Circle  B0-2 PC-1 P-13	Blue Monofilament	18"/45cm						<b>JA-2448N</b> ●	
<b>DSCM16</b> 16mm 3/8 Circle  PC-3 P-11	Blue Monofilament	18"/45cm						<b>JA-2451N</b> ●	<b>JA-2452N</b> ●

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


## Precision Reverse Cutting Needles



NEEDLE	MATERIAL	LENGTH	9-0	8-0	7-0	6-0	5-0	4-0	3-0
<b>DSM11</b>  11mm 3/8 Circle B0-1 P-1 P-10	Blue Monofilament	18"/45cm			<b>JA-2468N</b> 8696G SP1696G	<b>JA-2440N</b> 8697G SP5697G			
<b>DSM13</b>  13mm 3/8 Circle B0-2 P-3 P-13	Blue Monofilament	18"/45cm					<b>JA-2200N</b> 8698G SP5698G		
<b>DSM16</b>  16mm 3/8 Circle PS-3 P-11	Blue Monofilament	18"/45cm				<b>JA-2442N</b> 8680G SP5680G	<b>JA-2443N</b> 8681G SP5681G		





## Reverse Cutting Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DS14</b>  14mm 3/8 Circle C-3 C-12	Blue Monofilament	18"/45cm					<b>JC-1712N</b> ● SP660G	<b>JC-1713N</b> ●	

## Side Cutting Lancet Needles





NEEDLE	DESCRIPTION	MATERIAL	LENGTH	10-0	9-0	8-0	7-0
<b>SSL5</b> 	1/8 Circle Length 5.51mm Curvature 50 Radius 6.35mm Chord 5.35mm Wire .15mm	Blue Monofilament	2"/5cm	<b>JA-2560N</b> ● ●			
<b>SSL15</b> 	1/8 Circle Length 14.99mm Curvature 50 Radius 16.51mm Chord 14.49mm Wire .23mm	Blue Monofilament	3"/7.5cm	<b>JA-2559N</b> ● ●			
			6"/15cm	<b>JA-2558N</b> ● ●			
<b>DSL6</b>  CU-1, AU-1 TG140-6	3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 5.35mm Wire .15mm	Blue Monofilament	12"/30cm	<b>JA-2528N</b> 1710G ●			
<b>HSL5</b>  CU-5, AU-5 TG160-6 SE-160-6	1/2 Circle Length 5.51mm Curvature 150 Radius 2.03mm Chord 4.07mm Wire .15mm	Blue Monofilament	12"/30cm	<b>JA-2529N</b> 7794G PZ756K			

Product numbers are color coded respectively as Sharpoint™ (blue), Alcon™ (brown), Ethicon™ (black), and Synteture™ (aqua blue).  
**B** or **N** denotes a box of 12; **D** denotes a box of 36.

# Polypropylene Sutures




## Taper Point Needles



NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>DRM6</b>  6mm 3/8 Circle BV-130-5 MV-135-5	Blue Monofilament	5"/13cm			JA-2775N 2775G 				

## UltraGlide™ Needles



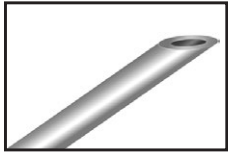
NEEDLE	MATERIAL	LENGTH	10-0	9-0	8-0	7-0	6-0	5-0	4-0
<b>HGL5</b>  5.51mm 1/2 Circle CU-5 CS-160-6 SE-160-6	Blue Monofilament	6"/15cm		JA-2625N  					

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

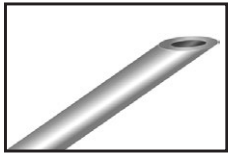
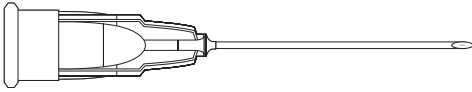
# Anesthesia Cannulas

## Peribulbar

To administer the anesthetic into the orbit just posterior to the lids; Anesthetic diffuses into the muscle cone. **10 per box.**



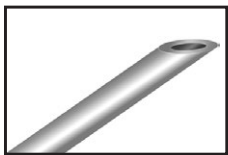
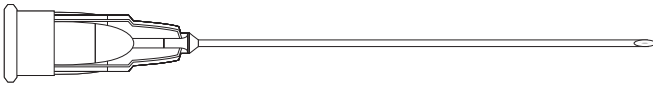
Item Number	Description
<b>3513</b> <i>585007</i>	Peribulbar 23g x 1-1/4 in. (.60 x 32mm), Atkinson point
<b>3517</b> <i>585108</i>	Peribulbar 25g x 1-1/4 in. (.50 x 32mm), Atkinson point



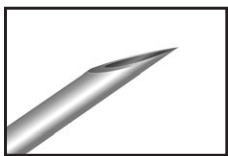
Item Number	Description
<b>3514</b> <i>585108</i>	Peribulbar 25g x 7/8 in. (.50 x 22mm), Atkinson point

## Retrobulbar

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



Item Number	Description
<b>3511</b> <i>581638</i>	23g x 1-1/2 in. (.60 x 38mm), Atkinson point
<b>3512</b> <i>581637</i>	25g x 1-1/2 in. (.50 x 38mm), Atkinson point



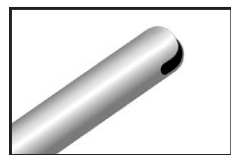
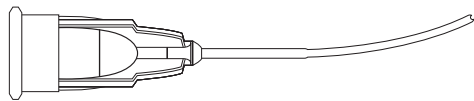
Item Number	Description
<b>3516</b> <i>581275</i>	25g x 1-1/2 in. (.50 x 38mm), Sharp point

Corresponding BD code listed in italics under Item Number

# Anesthesia Cannulas

## Sub-Tenon's

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



Item Number

**3520**

*585176*

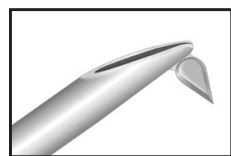
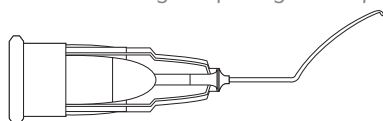
Description

19g x 1 in. (1.10 x 25mm) Curved to a radius of 30mm and flattened to .65mm

# Capsulotomy Cannulas

## Capsulorhexis Cystotomes

Features an angled tip designed for push or pull cutting during Continuous Curvilinear Capsulotomies (CCC). **10 per box.**



Item Number

**3012**

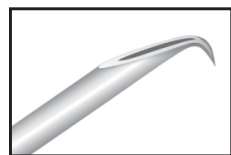
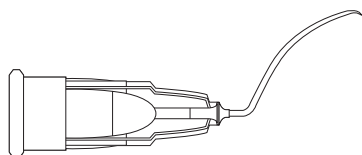
*585042*

Description

Formed Irrigating Cystotome 27g x 5/8 in. (.40 x 16mm); Angled tip (10mm from end) Specifically designed for capsulorhexis (continuous curvilinear tear) techniques

## Formed Cystotomes

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



Item Number

**3002**

*581610*

Description

Formed Irrigating Cystotome 25g x 5/8 in. (.50 x 16mm) (Pearce)

**3003**

*581618*

Formed Irrigating Cystotome 27g x 5/8 in. (.40 x 16mm)

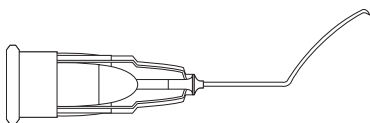
**3006**

*581630*

Formed Irrigating Cystotome 30g x 5/8 in. (.30 x 16mm)

Corresponding BD code listed in italics under Item Number



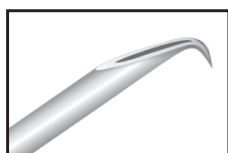
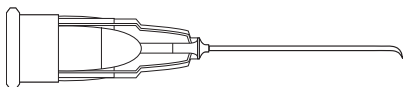


Item Number  
**3009**  
*585004*

Description  
Short Irrigating Cystotome 25g x 5/8 in. (.50 x 16mm), for capsulotomy or capsulorhexis on deep-set eyes

## Straight Cystotomes

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



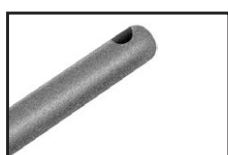
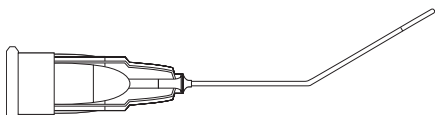
Item Number  
**3004**  
*585017*  
**3005**  
*585617*

Description  
Straight Irrigating Cystotome 27g x 5/8 in. (.40 x 16mm)  
Straight Irrigating Cystotome 25g x 5/8 in. (.50 x 16mm)

## Capsule Polishing Cannulas

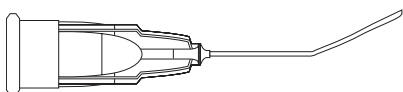
### Capsule Polishers

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



Item Number  
**3101**  
*581604*

Description  
Capsule polisher with a roughened tip 21g x 7/8 in. (.80 x 22mm), 12.5mm bend from tip; A popular capsule polisher with a .3mm top port opening for gentle control of the flow of irrigation to remove debris from the posterior capsule



Item Number  
**3105**  
*581605*

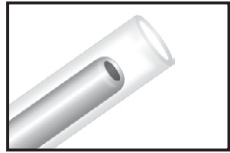
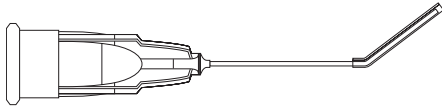
Description  
Capsule polisher with a .33mm top port, roughened tip, 23g x 5/8 in. (.60 x 17mm), angled 30°, 8mm bend from tip

Corresponding BD code listed in italics under Item Number

# Capsule Polishing Cannulas

## Capsule Polishers

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



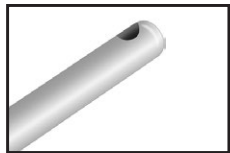
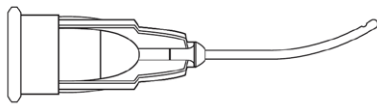
Item Number  
**3107**  
*585005*

Description  
Flexible Tip Polisher 27g x 7/8 in. (.40 x 22mm); Angled 45°, 7mm bend from end, 10mm sleeve, .50mm open ended port

# Cortex Removal Cannulas

## Cortex Aspiration

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

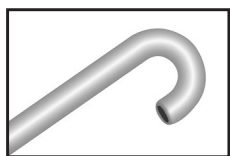
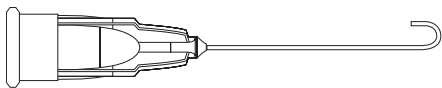


Item Number  
**3209**  
*585193*

Description  
Thinwall Cannula, 23g x 5/8 in. (.60 x 16mm) .4mm top port

## J-Shape

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



Item Number  
**3202**  
*585003*

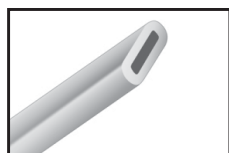
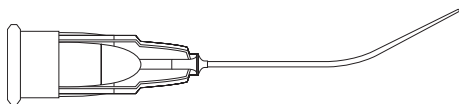
Description  
J-Shaped Cannula, 25g x 7/8 in. (.50 x 22mm), open ended port

Corresponding BD code listed in italics under Item Number

# Hydrodissection Cannulas

## Hydrodissector/Hydrodilinerator

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.**



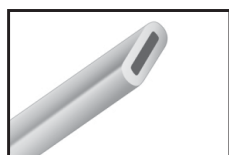
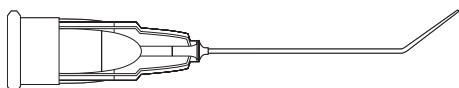
Item Number

**3423**

*585155*

Description

Nucleus Hydrodissector curved, 27g x 7/8 in. (.40 x 22mm); The flattened tip design allows for smooth insertion and permits a fanlike distribution of fluid for easier separation of the nucleus.



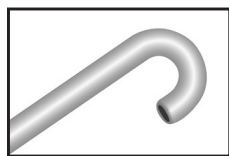
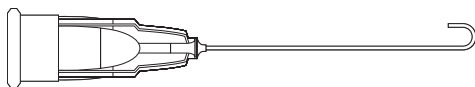
Item Number

**3424**

*585037*

Description

Nucleus Hydrodissector, 25g x 7/8 in. (.50 x 22mm), 7mm bend from tip; The flattened tip design allows for smooth insertion and permits a fanlike distribution of fluid for easier separation of the nucleus.



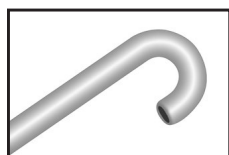
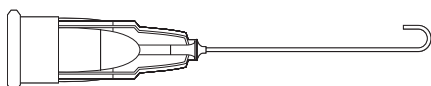
Item Number

**3425**

*585102*

Description

Nucleus Hydrodissector, J-Shaped, 25g x 1 in. (.50 x 25mm); The J-Shaped flattened tip is designed to provide hydrodissection between the 10 & 2 o'clock position.



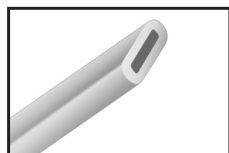
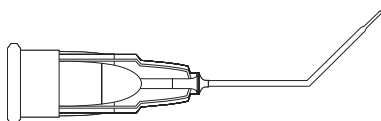
Item Number

**3428**

*585029*

Description

Micro J-Shape Hydrodissector, 27g x 7/8 in. (.40 x 22mm); The Micro J-Shaped flattened tip allows for easy insertion under the capsule.



Item Number

**3429**

*585158*

Description

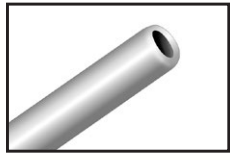
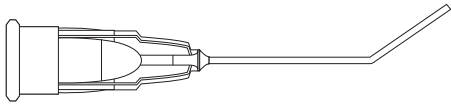
Cortical Cleaving Hydrodissector, 27g x 7/8 in. (.40 x 22mm); Angled 45°, 11mm bend from tip; The flattened tip is designed to cleave cortex from the capsular bag which allows for smooth insertion and permits a fanlike distribution of fluid for easier separation of the nucleus.

Corresponding BD code listed in italics under Item Number

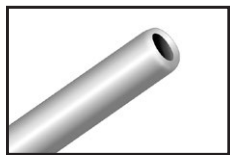
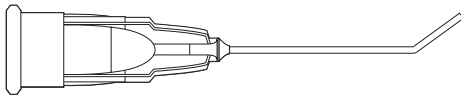
# Irrigation/Air Injection Cannulas

## Anterior Chamber Irrigation

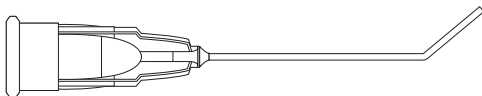
For maintaining the anterior chamber during surgery, and keeping the cornea moist; May be used to inject or remove BSS, viscoelastics, air, or intraocular medications The tip of each cannula is specially rounded to provide safe insertion into the anterior chamber. **10 per box.**



Item Number	Description
<b>3400</b>	Irrigating Cannula 20g x 7/8 in. (.90 x 22mm), 8mm from bend to tip
<b>3401</b> <i>581281</i>	Irrigating Cannula 21g x 7/8 in. (.80 x 22mm), 8mm from bend to tip
<b>3402</b> <i>581639</i>	Irrigating Cannula 25g x 7/8 in. (.50 x 22mm), 8mm from bend to tip
<b>3403</b> <i>585026</i>	Irrigating Cannula 27g x 7/8 in. (.40 x 22mm), 8mm from bend to tip
<b>3404</b> <i>585009</i>	Irrigating Cannula 23g x 7/8 in. (.60 x 22mm), 8mm from bend to tip



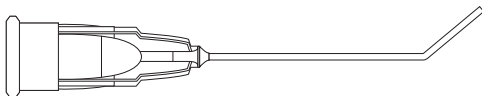
Item Number	Description
<b>3405</b> <i>581273</i>	Irrigating Cannula 30g x 7/8 in. (.30 x 22mm), 5mm from bend to tip
<b>3406</b> <i>581280</i>	Irrigating Cannula 27g x 7/8 in. (.40 x 22mm), 5mm from bend to tip



Item Number	Description
<b>3407</b> <i>585040</i>	Irrigating Cannula 19g x 1 in. (1.1 x 25mm), 7mm from bend to tip - washout

## V-Cann™ Viscoelastic Injection

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



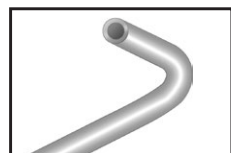
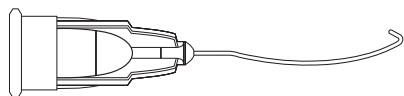
Item Number	Description
<b>3412</b>	Viscoelastic Cannula 25g x 7/8 in. (.50 x 22mm), 8mm from bend to tip
<b>3416</b>	Viscoelastic Cannula 25g x 7/8 in. (.50 x 22mm), 8mm from bend to tip - thinwall
<b>3413</b> <i>585026</i>	Viscoelastic Cannula 27g x 7/8 in. (.40 x 22mm), 8mm from bend to tip

Corresponding BD code listed in italics under Item Number

# Nucleus Removal Cannulas

## Viscoelastic Expression

Curvature of cannula facilitates placement under the nucleus for expression; Angled tip may be used to hook nucleus. **10 per box.**



Item Number

**3431**

*581090*

Description

Viscoelastic Expression Cannula 25g x 7/8 in. (.50 x 22mm); Angled 30°, 1.8mm bend from end. Designed to express the nucleus with viscoelastic through a capsulorhexis during ECCE

# Oculoplastic Cannulas

## Lacrimal Irrigation

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



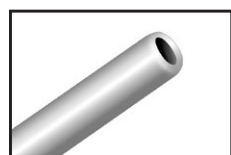
Item Number

**3730**

*585016*

Description

Lacrimal Cannula straight 19g (1.1mm) shaft attached to a 23g Cannula, 1-1/2 in. long (.60 x 38mm)



Item Number

**3732**

*581615*

Description

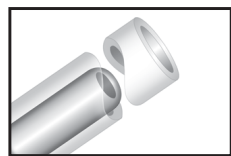
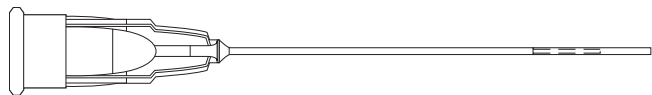
Lacrimal Cannula curved 21g shaft, 1-1/2 in. long (.80 x 38mm)

Corresponding BD code listed in italics under Item Number

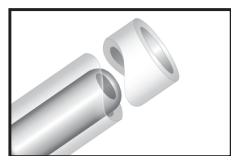
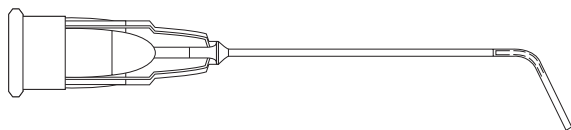
# Vitreoretinal Cannulas

## Subretinal Fluid

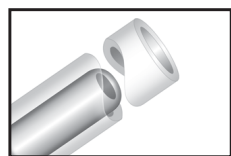
These cannulas enable the retinal surgeon to aspirate fluid that has accumulated in the subretinal space. The soft flexible sleeve permits a delicate entry through the retinal tear or hole. **10 per box.**



Item Number	Description
<b>4021</b> <i>585021</i>	Subretinal Fluid Cannula 6mm (Grizzard) 20g x 1-3/8 in. (.90 x 35mm) long; Sleeve extends 6mm beyond the end; The longer sleeve allows gentle manipulation of delicate retinal tissue.



Item Number	Description
<b>4035</b> <i>585035</i>	Subretinal Fluid Cannula 6mm, Curved tip (Grizzard) 20gx 1-3/8 in. (.90 x 35mm) long; Sleeve extends 6mm beyond the end; The curved tip allows the surgeon to reach hard-to-access areas beneath the retina. The longer sleeve allows gentle manipulation of delicate retinal tissue.

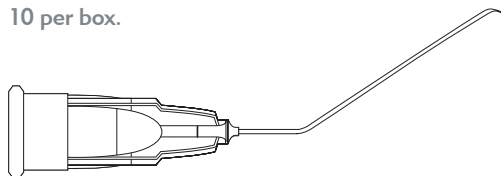


Item Number	Description
<b>4186</b> <i>585186</i>	Subretinal Fluid Cannula 3mm (Grizzard) 20g x 1-1/4 in. (.90 x 32mm) long; Sleeve extends 3mm beyond the end; The shorter sleeve allows gentle tissue manipulation with greater tip control.

## Miscellaneous Cannulas

### Stromal Puncture

For treatment of recalcitrant cases of erosion of the cornea; Cutting tip ensures consistent depth penetration of Bowman's membrane. **10 per box.**



Item Number	Description
<b>3800</b>	Stromal Puncture Needle, 25g x 1 in. (.40 x 25mm), 18mm from bend to tip

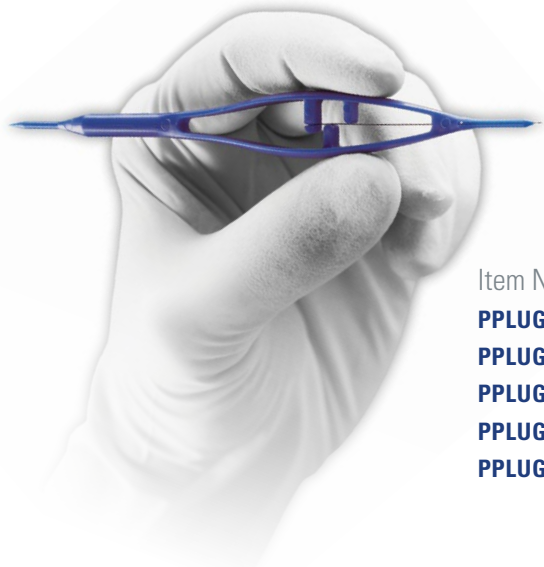
Corresponding BD code listed in italics under Item Number

# UltraPlug™ Punctal Plugs

## 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



Enlarged detail of inserter

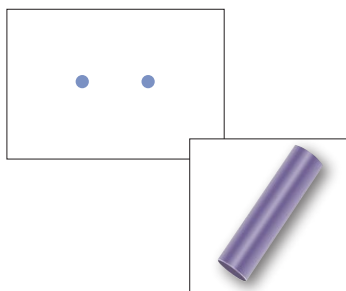
Item Number	Description
<b>PPLUG4</b>	0.4mm plug / inserter
<b>PPLUG5</b>	0.5mm plug / inserter
<b>PPLUG6</b>	0.6mm plug / inserter
<b>PPLUG7</b>	0.7mm plug / inserter
<b>PPLUG8</b>	0.8mm plug / inserter

**UltraPlug™**  
Punctal Plugs

## 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)



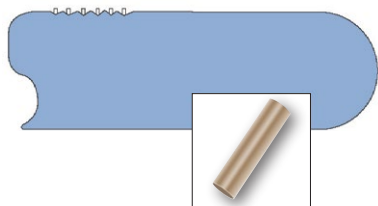
Item Number	Description
<b>EPLUG2</b>	0.2mm diameter /2.0mm length
<b>EPLUG3</b>	0.3mm diameter /2.0mm length
<b>EPLUG4</b>	0.4mm diameter /2.0mm length

# UltraPlug™ Punctal Plugs

## 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

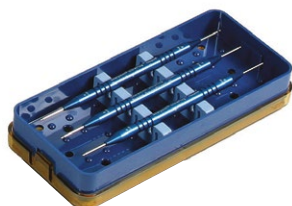


Item Number	Description
<b>C-PLUG2</b>	0.2mm diameter /2.0mm length
<b>C-PLUG3</b>	0.3mm diameter /2.0mm length
<b>C-PLUG4</b>	0.4mm diameter /2.0mm length
<b>C-PLUG-V</b>	4 Cards each of 3 different sizes - 0.2, 0.3, 0.4mm diameter /2.0mm length

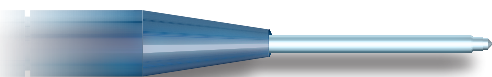
\*UltraPlug™ Collagen Absorbable Punctal Plugs are not CE marked.

## UltraPlug™ Evaluation / Insertion Products

- A stepped system of Gauge / Dilator instruments provides a convenient and controlled method for punctal measurement and dilation
- Available as a non-sterile autoclavable kit
- Recommended for use exclusively with UltraPlug™ Punctal Plugs



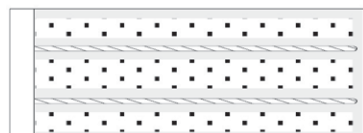
Item Number	Description
<b>PAK-101</b>	UltraPlug™ Punctal Gauge / Dilator Set: a set of 3 instruments, 2 sizes on each instrument. First instrument: 0.4mm/0.5mm, second instrument: 0.6mm/0.7mm, third instrument: 0.8mm/0.9mm. Packaged non-sterile in an autoclavable case



- Zone-Quick is an easy and accurate system that measures tear volume in just 15 seconds per eye
- One kit can test up to 50 patients
- Easy insertion and removal
- Packaged 50 sterile sets to a box; 2 threads per set.



Item Number	Description
<b>Z-QUICK</b>	Phenol red thread tear test strips





# UltraPlug™ Punctal Plug Educational Materials

UltraPlug™ educational materials for staff and patients in a variety of media



Item Number  
**OPG-PM-050**

Description  
PHYSICIAN VIDEO - UltraPlug™ Punctal Plug - DVD



**OPG-PM-038**

UltraPlug™ Punctal Plug Patient Pamphlet. **50 per pack.**

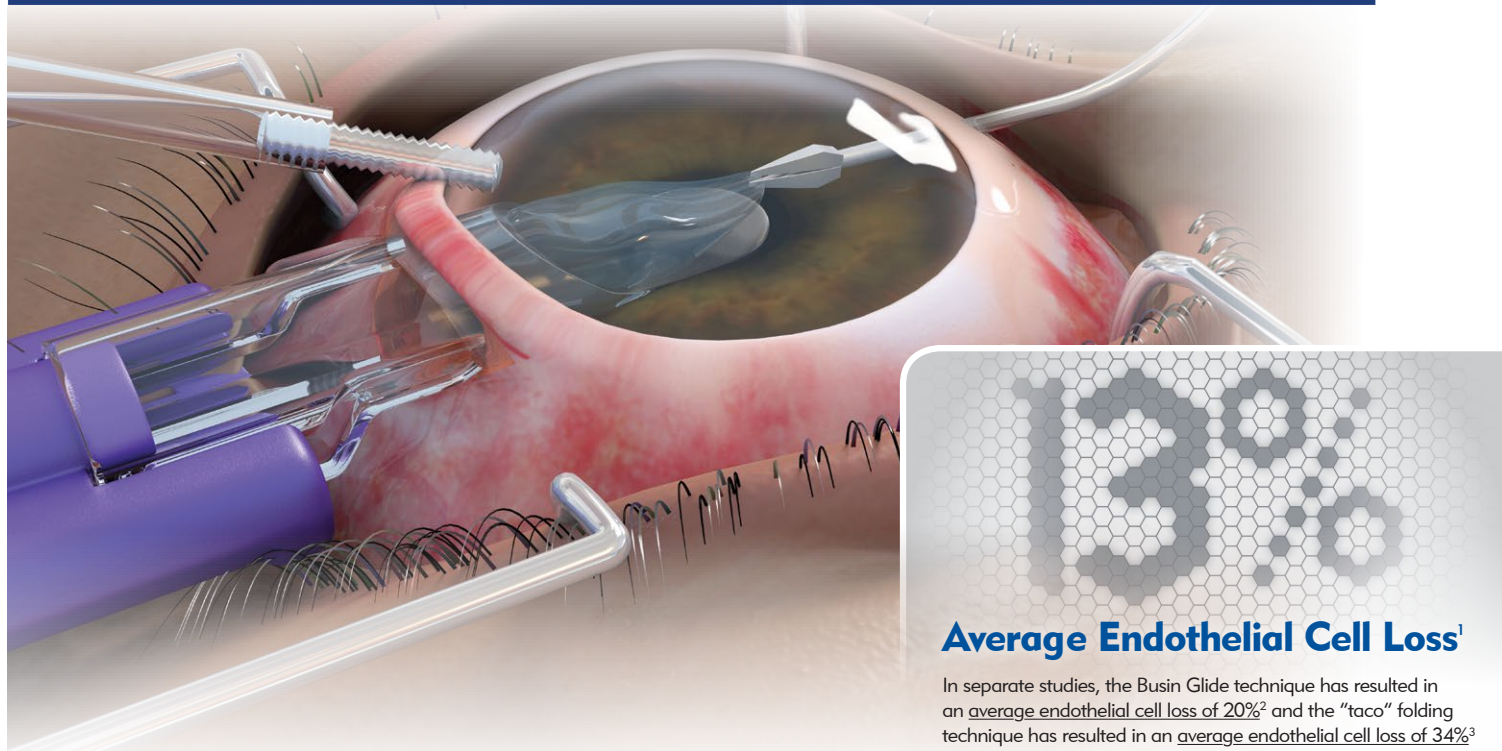


**OPG-PM-091**

UltraPlug™ Punctal Plug Patient Poster (16" x 20")

**UltraPlug™**  
*Punctal Plugs*

# DSAEK Insertion Device

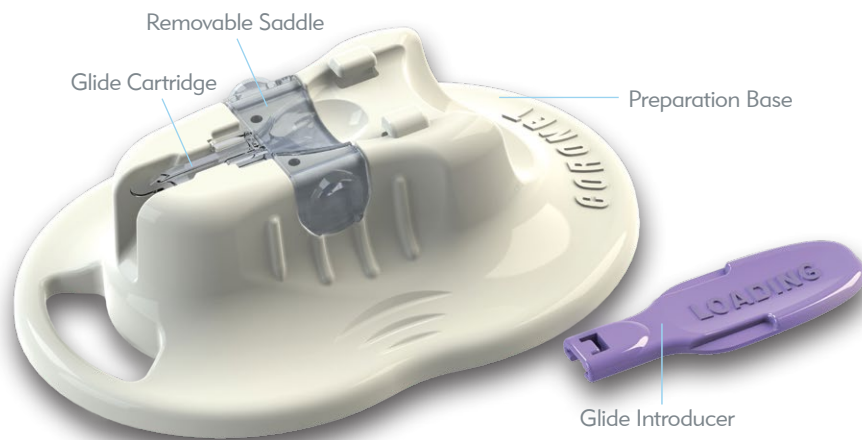


## Average Endothelial Cell Loss<sup>1</sup>

In separate studies, the Busin Glide technique has resulted in an average endothelial cell loss of 20%<sup>2</sup> and the "taco" folding technique has resulted in an average endothelial cell loss of 34%<sup>3</sup>

## EndoGlide™ - Ultrathin DSAEK Insertion Device\*

- Design facilitates the insertion of thinner donor tissue measuring as low as 70 microns thickness
- Features a removable saddle designed to encourage the curling effect for very thin, sub 100 micron tissue
- Double-coiling of the donor tissue results in minimal endothelial damage and the closed system results in a stable anterior chamber throughout the insertion procedure
- Supplied sterile for single use only



Item Number	Description
11823	EndoGlide™ - Ultrathin

## Design Features

- Oval diameter designed to fit through a 4.5mm scleral or 4.9mm Clear Corneal wound to fully protect the donor from the wound margins
- Designed with an integral glide platform in front for ease of device insertion
- Transparent cartridge allows for good visualization



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

*Note: Additional clinical studies are needed comparing taco folding technique, Busin Glide technique and EndoGlide™ technique to further assess and compare endothelial cell loss.*

**Reference 1:** Khor WB, Mehta JS, Tan DTH. Descemet stripping automated endothelial keratoplasty with a graft insertion device: surgical technique and early clinical results. American Journal of Ophthalmology. doi:10.1016/j.ajo.2010.08.027.

**Reference 2:** Busin M, Bhatt PR, Scoria V. A modified technique for descemet membrane stripping automated endothelial keratoplasty to minimize endothelial cell loss. Arch Ophthalmol 2008;126(8):1133-1137.

**Reference 3:** Price MO, Price FW Jr. Endothelial cell loss after descemet stripping with endothelial keratoplasty influencing factors and 2-year trend. Ophthalmology 2008;115(5): 857-865.

## Forceps\*



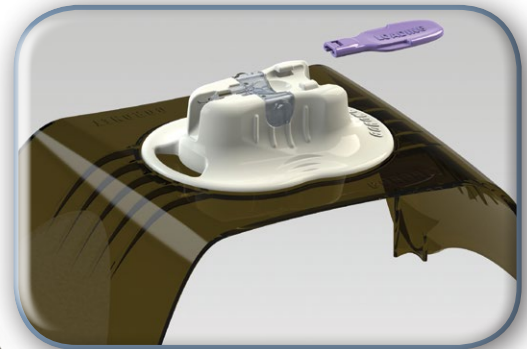
Item Number	Description
<b>53-951</b>	Curved Placement Forceps



Item Number	Description
<b>53-952</b>	Straight Loading Forceps

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

## Support Platform\*



Item Number	Description
<b>11920</b>	Support Platform

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

# Trephines

## Trephines\*

The trephine product line consists of disposable vacuum trephines, donor punch sets, and short or long handled trephines in sizes ranging from 6.00mm 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.



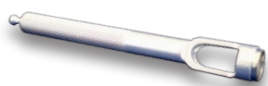
Item Number  
**11840** Description  
Vacuum Trephine - All metal, ergonomic design and ultra sharp blade with cross hairs. Designed for full-penetrating keratoplasty; Sterile; Single use; **1 piece/box**



Item Number  
**11850** Description  
Donor Punch Set - Unique design providing precise control and full visualization throughout the procedure; Sterile; Single use; **1 set/box**



Item Number  
**11901** Description  
X-Hair Trephine - Hand held; Sterile; Single use; **1 piece/box**



Item Number  
**11903** Description  
Long Handled Trephine - Hand held; Sterile; Single use; **1 piece/box**

Item Code	Description	Blade Sizes (mm)															
		6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00	9.25	9.50	9.75
<b>11840</b>	Vacuum Trephine			•	•	•	•	•	•	•	•	•	•	•		•	
<b>11850</b>	Donor Punch Set			•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>11901</b>	X-Hair Trephine	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>11903</b>	Long Handled Trephine			•	•	•	•	•	•	•	•	•	•	•	•	•	

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

# Knives

## Clear Corneal Knife, Double-Bevel

The Sharpoint™ 4.9mm Clear Corneal Knife is designed to create a 4.9mm clear corneal incision needed for insertion of the EndoGlide™ cartridge. This knife features tapered bevel cutting edges designed to compensate for corneal curvature, creating a self-sealing linear incision. Patented incision depth indicators (1.5mm, 1.75mm, 2.0mm) are visible on each blade. **6 per box.**



Knife  
**72-4963** Description  
4.9mm Angled, double-bevel, depth indicators

## Slit Knife, Bevel-Up

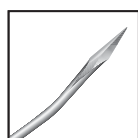
The Sharpoint™ 4.5mm angled, bevel up slit is designed to create an accurate 4.5mm scleral incision needed for insertion of the EndoGlide™ cartridge. **6 per box.**



Knife  
**72-4561** Description  
4.5mm Angled, bevel-up

## ClearPort™ Paracentesis Knife

The Sharpoint™ 1.1mm ClearPort™ Paracentesis knife is designed to create a consistent, self-sealing paracentesis incision for insertion of the EndoGlide™ curved placement forceps. **6 per box.**



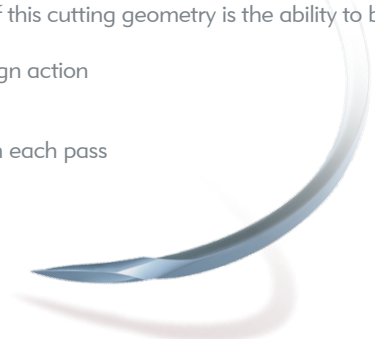
Knife  
**78-2010** Description  
1.1mm Angled Maximum Instrument Size  
20g

# UltraGlide™ Sutures

## UltraGlide™ Sutures

UltraGlide™ sutures are a perfect choice for corneal transplant procedures, offering the surgeon reliable sharpness, pass after pass. The tip's ultra-sharp point and concave facets ensure precise placement, smooth penetration and dependable strength. Complementing this superior cutting geometry is an innovative "lift and cut" ramp that counters the corneal tissue's tendency to "roll under" and follow the needle. An added benefit of this cutting geometry is the ability to bury suture knots more easily.

- Unique "lift and cut" design action
- Reduced tissue drag
- Effortless penetration with each pass
- Non-glare finish



## UltraGlide™



NEEDLE	DESCRIPTION	MATERIAL	LENGTH	11-0	10-0	9-0	8-0
<b>BGL5</b> AU-8 CSB-6	Bicurve Length 4.88mm Curvature 90/50	Radius 1.52/2.79mm Chord 3.71mm Wire 1.5mm	Black Monofilament	12"/30cm		<b>AA-2675N</b> 9007G	
<b>DGL6</b> NU-1, CU-1 CS140-6 SE-140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.82mm Wire .15mm	Black Monofilament	4"/10cm		<b>AA-2673N</b> 9060G	
<b>DGL6</b> NU-1, CU-1 CS140-6 SE-140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.82mm Wire .15mm	Black Monofilament	12"/30cm		<b>AA-2627N</b> 9003G	
<b>HGL5</b> CU-5 CS160-6 SE-160-6	1/2 Circle Length 5.51mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Black Monofilament	4"/10cm		<b>AA-2674N</b> 9061G	
<b>HGL5</b> CU-5 CS160-6 SE-160-6	1/2 Circle Length 5.51mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Black Monofilament	6"/15cm	<b>AA-2713N</b> 9016G	<b>AA-2712N</b> 9001G	
				12"/30cm		<b>AA-2626N</b> 9000G	
<b>HGL7</b> CU-2 CS175-8	1/2 Circle Length 6.99mm Curvature 175	Radius 2.29mm Chord 4.57mm Wire .15mm	Black Monofilament	12"/30cm		<b>AA-2714N</b> 9032G	

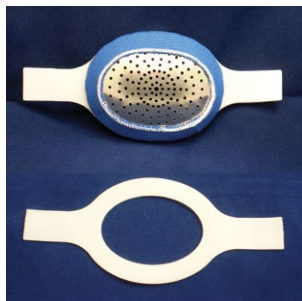
Product numbers are color coded respectively as Sharpoint™ (blue), Alcon™ (brown), Ethicon™ (black), and Syneture™ (aqua blue).  
**B** or **N** denotes a box of 12; **D** denotes a box of 36.



# Protective Eyewear

## Easy Shield™ Adhesives\*

Combination of the Fox Style aluminum Easy Shield™ eye shield with garter and adhesive; Eliminates the need for taping



Item Number	Description
•G251-25	Protective Eyewear - Adult, colored cover with adhesive, 140mm (5-1/2 in.)
•G252-25	Protective Eyewear - Adult, white cover with adhesive, 140mm (5-1/2 in.)
<b>G257-25</b>	Adhesives - Adult/Youth, 140mm (5-1/2 in.). Each pack contains a 7 day supply of replacement adhesives. Easy removal and replacement by patient.

## Eye Garter™ Aluminum Eye Shields\*

Available with and without covers; Fox Style eye shield



Item Number	Description
•G201-50**	Adult, without cover, 75mm (3 in.)
•G202-50**	Adult, assorted color covers, 75mm (3 in.)
•G202-100RB	Adult, royal blue covers, 75mm (3 in.)
•G203-50**	Adult, white covers, 75mm (3 in.)
•G402-50	Pediatric, pink/blue covers, 52mm (2 in.)

## Eye Garter™ Plastic Eye Shields\*

High impact, lightweight polycarbonate shields come with and without covers; Available in adult sizes only; Choice of white, clear or blue plastic



Item Number	Description
<b>White</b>	
•G301-50**	Without cover, 67mm (2-5/8 in.)
<b>Clear Universal with Holes</b>	
•G701-50**	Without cover, 73mm (2-7/8 in.)
•G702-50**	Assorted color covers, 73mm (2-7/8 in.)
•G703-50	White covers, 73mm (2-7/8 in.)
<b>Blue Plastic</b>	
•G501-50L	Left without cover, 76mm (3 in.)
•G501-50R	Right without cover, 76mm (3 in.)

## Eye Garter™ Eye Shield Covers\*

Adult / youth size



Item Number	Description
•G101-50	Assorted color covers
•G101-100RB	Royal blue covers
•G102-50**	White covers

\* Number to right of hyphen in product code designates quantity.

\*\* Also available in bulk quantities of 500 pieces.

• This product contains natural rubber latex which may cause allergic reactions.

## Ophthalmic Knives

Item No.	Description	Page
<b>71-1901</b>	Vitrectomy Knife, 19g	11
<b>71-2001</b>	Vitrectomy Knife, 20g	11
<b>71-2061</b>	Vitrectomy Knife, 20g, Angled	11
<b>71-2301</b>	Vitrectomy Knife, 23g	11
<b>71-2501</b>	Vitrectomy Knife, 25g	11
<b>72-0301</b>	Restricted Depth Knife, 300 Micron, Straight	2
<b>72-0303</b>	Precision Depth Knife, 300 Micron, Straight	2
<b>72-0401</b>	Restricted Depth Knife, 450 Micron, Straight	2
<b>72-0503</b>	Precision Depth Knife, 500 Micron, Straight	2
<b>72-1001</b>	1.0mm Paracentesis Knife, Straight	2
<b>72-1050</b>	Clear Control 3D™ Slit Knife, 1.0mm, Angled	3
<b>72-1361</b>	Clear Corneal Knife, Angled, 1.3mm, 1.0mm Width	5
<b>72-1461</b>	Slit Knife, Bevel-Up, 1.4mm, Angled	6
<b>72-1501</b>	Stab Knife, 15 Degree, Straight	1
<b>72-1501G</b>	Guarded Stab Knife, 15 Degree, Straight	1, 14
<b>72-1502</b>	Stab Blade/Tip, 15 Degree, Straight	2
<b>72-1531</b>	Stab Knife, 15 Degree, 3.0mm Restricted Blade Depth	2
<b>72-1532</b>	Stab Blade/Tip, 15 Degree, 3.0mm Restricted Blade Depth	2
<b>72-1540</b>	IQ Geometry™ Slit Knife, Bevel-Up, 1.5mm, Angled	4
<b>72-1550</b>	Clear Control 3D™ Slit Knife, 1.5mm, Angled	3
<b>72-1551</b>	Stab Knife, 15 Degree, 5.0mm Restricted Blade Depth	2
<b>72-1552</b>	Stab Blade/Tip, 15 Degree, 5.0mm Restricted Blade Depth	2
<b>72-1591</b>	Stab Knife, 15 Degree, Right Angled	1
<b>72-1650</b>	Clear Control 3D™ Slit Knife, 1.6mm, Angled	3
<b>72-1661</b>	Clear Corneal Knife, 1.6mm, 1.4mm Width	5
<b>72-1831</b>	Slit Knife, Double-Bevel, 1.8mm, Angled	6
<b>72-1850</b>	Clear Control 3D™ Slit Knife, 1.8mm, Angled	3
<b>72-1861</b>	Slit Knife, Bevel-Up, 1.8mm, Angled	6
<b>72-1863</b>	Clear Corneal Knife, 1.8mm, Angled	5
<b>72-2040</b>	IQ Geometry™ Slit Knife, Bevel-Up, 2.0mm, Angled	4
<b>72-2050</b>	Clear Control 3D™ Slit Knife, 2.0mm, Angled	3
<b>72-2201</b>	Stab Knife, 22.5 Degree, Straight	1
<b>72-2202</b>	Stab Blade/Tip, 22.5 Degree, Straight	2
<b>72-2231</b>	Slit Knife, Double-Bevel, 2.2mm, Angled	6
<b>72-2231G</b>	Guarded Slit Knife, Double-Bevel, 2.2mm, Angled	6, 14
<b>72-2240</b>	IQ Geometry™ Slit Knife, Bevel-Up, 2.25mm, Angled	4
<b>72-2250</b>	Clear Control 3D™ Slit Knife, 2.2mm, Angled	3
<b>72-2261</b>	Slit Knife, Bevel-Up, 2.2mm, Angled	6
<b>72-2263</b>	Clear Corneal Knife, 2.2mm, Angled	5
<b>72-2431</b>	Slit Knife, Double-Bevel, 2.4mm, Angled	6
<b>72-2431G</b>	Guarded Slit Knife, Double-Bevel, 2.4mm, Angled	6, 14
<b>72-2450</b>	Clear Control 3D™ Slit Knife, 2.4mm, Angled	3
<b>72-2461</b>	Slit Knife, Bevel-Up, 2.4mm, Angled	6
<b>72-2463</b>	Clear Corneal Knife, 2.4mm, Angled	5
<b>72-2531</b>	Slit Knife, Double-Bevel, 2.5mm, Angled	6
<b>72-2540</b>	IQ Geometry™ Slit Knife, Bevel-Up, 2.5mm, Angled	4
<b>72-2550</b>	Clear Control 3D™ Slit Knife, 2.5mm, Angled	3
<b>72-2561</b>	Slit Knife, Bevel-Up, 2.5mm, Angled	6
<b>72-2561G</b>	Guarded Slit Knife, Bevel-Up, 2.5mm, Angled	6, 14
<b>72-2562</b>	Slit Blade/Tip, Bevel-Up, 2.5mm, Angled	6
<b>72-2631</b>	Slit Knife, Double-Bevel, 2.65mm, Angled	6
<b>72-2635</b>	Clear Corneal Knife, Parallel Sides, 2.65mm, Angled	5
<b>72-2640</b>	IQ Geometry™ Slit Knife, Bevel-Up, 2.65mm, Angled	4

## Ophthalmic Knives

Item No.	Description	Page
<b>72-2650</b>	Clear Control 3D™ Slit Knife, 2.65mm, Angled	3
<b>72-2661</b>	Slit Knife, Bevel-Up, 2.65mm, Angled	6
<b>72-2661G</b>	Guarded Slit Knife, Bevel-Up, 2.65mm, Angled	6, 14
<b>72-2662</b>	Slit Blade/Tip, Bevel-Up, 2.65mm, Angled	6
<b>72-2663</b>	Clear Corneal Knife, 2.65mm, Angled	5
<b>72-2735</b>	Clear Corneal Knife, Parallel Sides, 2.75mm, Angled	5
<b>72-2740</b>	IQ Geometry™ Slit Knife, Bevel-Up, 2.75mm, Angled	4
<b>72-2750</b>	Clear Control 3D™ Slit Knife, 2.75mm, Angled	3
<b>72-2761</b>	Slit Knife, Bevel-Up, 2.75mm, Angled	6
<b>72-2761G</b>	Guarded Slit Knife, Bevel-Up, 2.75mm, Angled	6, 14
<b>72-2762</b>	Slit Blade/Tip, Bevel-Up, 2.75mm, Angled	6
<b>72-2763</b>	Clear Corneal Knife, 2.75mm, Angled	5
<b>72-2763G</b>	Guarded Clear Corneal Knife, 2.75mm, Angled	5, 14
<b>72-2801</b>	Slit Knife, Single-Bevel, 2.85mm, Straight	7
<b>72-2831</b>	Slit Knife, Double-Bevel, 2.8mm, Angled	6
<b>72-2835</b>	Clear Corneal Knife, Parallel Sides, 2.85mm, Angled	5
<b>72-2840</b>	IQ Geometry™ Slit Knife, Bevel Up, 2.85mm, Angled	4
<b>72-2850</b>	Clear Control 3D™ Slit Knife, 2.85mm, Angled	3
<b>72-2861</b>	Slit Knife, Bevel-Up, 2.85mm, Angled	6
<b>72-2861G</b>	Guarded Slit Knife, Bevel-Up, 2.85mm, Angled	6, 14
<b>72-2862</b>	Slit Blade/Tip, Bevel-Up, 2.85mm, Angled	6
<b>72-2863</b>	Clear Corneal Knife, 2.85mm, Angled	5
<b>72-2863G</b>	Guarded Clear Corneal Knife, 2.85mm, Angled	5, 14
<b>72-2901</b>	Slit Knife, Single-Bevel, 3.0mm, Straight	7
<b>72-2912</b>	Slit Knife, Parallel Sides, 3.0mm Angled	7
<b>72-2913</b>	Slit Blade/Tip, Parallel Sides, 3.0mm, Angled	7
<b>72-2931</b>	Slit Knife, Double-Bevel, 3.0mm, Angled	6
<b>72-2961</b>	Slit Knife, Bevel-Up, 3.0mm, Angled	6
<b>72-2961G</b>	Guarded Slit Knife, Bevel-Up, 3.0mm, Angled	6, 14
<b>72-2962</b>	Slit Blade/Tip, Bevel-Up, 3.0mm, Angled	6
<b>72-3001</b>	Stab Knife, 30 Degree, Straight	1
<b>72-3002</b>	Stab Blade/Tip, 30 Degree, Straight	2
<b>72-3035</b>	Clear Corneal Knife, Parallel Sides, 3.0mm, Angled	5
<b>72-3036</b>	Stab Knife, 30 Degree, 3.5mm Restricted Blade Depth Knife	2
<b>72-3040</b>	IQ Geometry™ Slit Knife, Bevel-Up, 3.0mm, Angled	4
<b>72-3050</b>	Clear Control 3D™ Slit Knife, 3.0mm, Angled	3
<b>72-3061</b>	Clear Corneal Knife, 3.0mm, Angled	5
<b>72-3201</b>	Slit Knife, Single-Bevel, 3.2mm, Straight	7
<b>72-3212</b>	Slit Knife, Bevel-Up, 3.2mm, Angled	7
<b>72-3231</b>	Slit Knife, Double-Bevel, 3.2mm, Angled	6
<b>72-3235</b>	Clear Corneal Knife, Parallel Sides, 3.2mm, Angled	5
<b>72-3240</b>	IQ Geometry™ Slit Knife, Bevel-Up, 3.2mm, Angled	4
<b>72-3250</b>	Clear Control 3D™ Slit Knife, 3.2mm, Angled	3
<b>72-3261</b>	Slit Knife, Bevel-Up, 3.2mm, Angled	6
<b>72-3261G</b>	Guarded Slit Knife, Bevel-Up, 3.2mm, Angled	6, 14
<b>72-3262</b>	Slit Blade/Tip, Bevel-Up, 3.2mm, Angled	6
<b>72-3263</b>	Clear Corneal Knife, 3.2mm, Angled	5
<b>72-3270</b>	Slit Knife, Double-Bevel, 3.2mm, 70 Degree, Angled	6
<b>72-3503</b>	Precision Depth Knife, 350 Micron, Straight	2
<b>72-3531</b>	Slit Knife, Double-Bevel, 3.5mm, Angled	6
<b>72-3561</b>	Slit Knife, Bevel-Up, 3.5mm, Angled	6
<b>72-4501</b>	Stab Knife, 45 Degree, Straight	1
<b>72-4502</b>	Stab Blade/Tip, 45 Degree, Straight	2

## Ophthalmic Knives

Item No.	Description	Page
<b>72-4561</b>	Slit Knife, Bevel-Up, 4.5mm, Angled	6, 45
<b>72-4963</b>	Clear Corneal Knife, 4.9mm, Angled	5, 45
<b>72-5163</b>	Slit Knife, Bevel-Up, 5.1mm, Angled	6
<b>72-5503</b>	Precision Depth Knife, 550 Micron, Straight	2
<b>72-6003</b>	Precision Depth Knife, 600 Micron, Straight	2
<b>74-1000</b>	Sharptome™ Crescent Knife, 2.0mm, Straight	10
<b>74-1010</b>	Sharptome™ Crescent Knife, Bevel-Up, 2.0mm, Angled	10
<b>74-1010G</b>	Guarded Sharptome™ Crescent Knife, 2.0mm, Angled	10, 14
<b>74-1020</b>	Sharptome™ Crescent Knife, Bevel-Down, 2.0mm, Angled	10
<b>74-1031</b>	Sharptome™ Crescent Knife, Double-Bevel, 2.0mm, Angled	10
<b>74-2261</b>	Spoon Knife, 2.2mm, Double-Bevel, Angled	12
<b>74-3061</b>	Spoon Knife, 3.0mm, Double-Bevel, Angled	12
<b>74-5000</b>	Sharptome™ Crescent Blade/Tip, 2.0mm, Straight	10
<b>74-5062</b>	Sharptome™ Crescent Blade/Tip, Bevel-Up, 2.0mm, Angled	10
<b>74-6910</b>	Sharptome™ Mini-Crescent Knife, 1.25mm, Angled	10
<b>75-1214</b>	ClearTrap™ Knife 1.2mm - 1.4mm, Angled, Width Indicators	8
<b>75-1517</b>	ClearTrap™ Knife 1.5mm - 1.7mm, Angled, Width Indicators	8
<b>75-1520</b>	ClearTrap™ Knife 1.5mm - 2.0mm, Angled, Width Indicators	8
<b>75-1618</b>	ClearTrap™ Knife 1.6mm - 1.8mm, Angled, Width Indicators	8
<b>75-1720</b>	ClearTrap™ Knife 1.7mm - 2.0mm, Angled, Width Indicators	8
<b>75-1822</b>	ClearTrap™ Knife 1.8mm - 2.2mm, Angled, Width Indicators	8
<b>75-2022</b>	ClearTrap™ Knife 2.0mm - 2.2mm, Angled, Width Indicators	8
<b>75-2522</b>	ClearTrap™ Knife 2.5mm - 2.9mm, Angled, Width Indicators	8
<b>75-2524</b>	ClearTrap™ Knife 2.5mm - 3.2mm, Angled, Width Indicators	8
<b>75-2723</b>	ClearTrap™ Knife 2.75mm - 3.0mm, Angled, Width Indicators	8
<b>75-2724</b>	ClearTrap™ Knife 2.75mm - 3.2mm, Angled, Width Indicators	8
<b>75-2725</b>	ClearTrap™ Knife 2.75mm - 3.5mm, Angled, Width Indicators	8
<b>75-2726</b>	ClearTrap™ Knife 2.75mm - 3.75mm, Angled, Width Indicators	8
<b>75-2824</b>	ClearTrap™ Knife 2.85mm - 3.2mm, Angled, Width Indicators	8
<b>75-2825</b>	ClearTrap™ Knife 2.85mm - 3.5mm, Angled, Width Indicators	8
<b>75-2826</b>	ClearTrap™ Knife 2.85mm - 3.75mm, Angled, Width Indicators	8
<b>75-2925</b>	ClearTrap™ Knife 3.0mm - 3.5mm, Angled, Width Indicators	8
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