



A PROGRESSIVE LEGACY OF

# PRECISION PERFORMANCE



## **Sharpoint™ Ophthalmic Products Catalog**

- 40 Year Heritage Of Premium Quality
- The Sharpoint Family is Growing
- Introducing Sharpoint™ SOLO™

SURGICAL  
SPECIALTIES  
CORPORATION™



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# Paracentesis Incision Knives

## ClearPort™ Paracentesis Knives

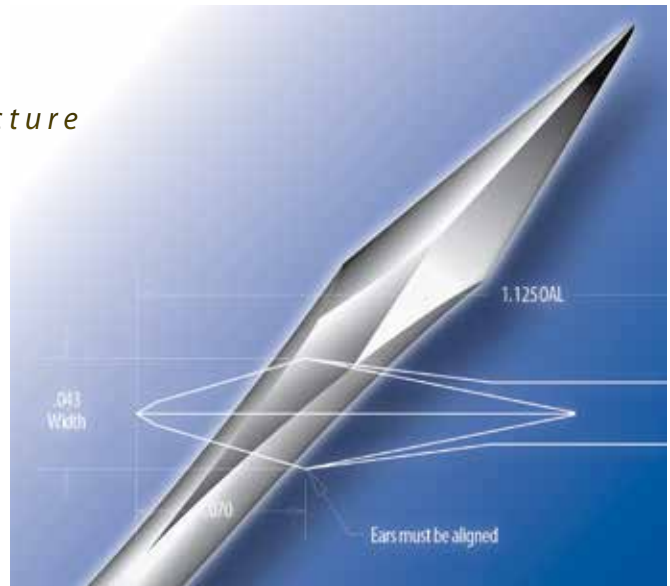
Technology = Superior Wound Architecture

### Exceptional Wound Architecture

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

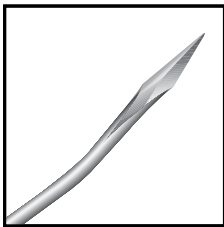
### Blade Geometry

and choice of sizes allows for precise cannula fit



## ClearPort™ Paracentesis Knives

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

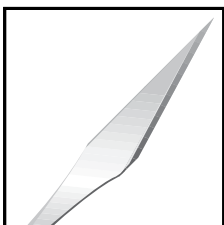


Knife	Description	Maximum Instrument Size
78-2510	0.6mm Angled	25g
78-2310	0.8mm Angled	23g
78-2010	1.1mm Angled	20g
78-2010G	1.1mm Angled*	20g
78-2019	1.4mm Angled, 1.0mm & 1.2mm indicator lines	19g

\*Features SharpGuard™ Guarded Handle

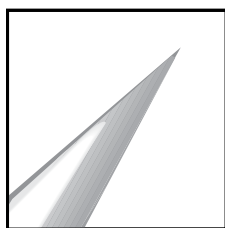
## Stab Knives

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

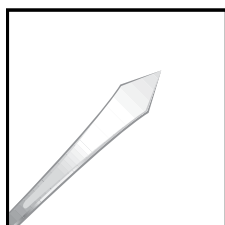


Knife	Blade/Tip	Description
72-1501	72-1502	15° Straight
72-1501G	•	15° Straight*
72-1591	•	15° Right angled
72-2201	72-2202	22.5° Straight
72-3001	72-3002	30° Straight
72-4501	72-4502	45° Straight

\*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

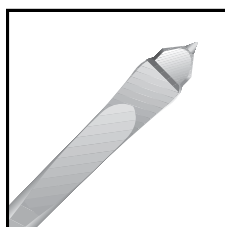


Knife	Description
<b>72-1001</b>	1.0mm Paracentesis, straight, single bevel

## Groove & Limbal Relaxation Incision Knives

### Precision Depth Knives

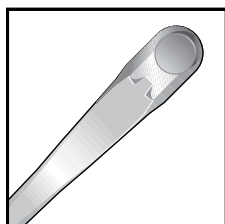
Sharpoint™ precision depth knives are designed to create groove and limbal relaxing incisions. Single formed design ensures precision accuracy. Dual cutting edges allow for incisions in left or right directions. 6 per box.



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

Sharpoint™ 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

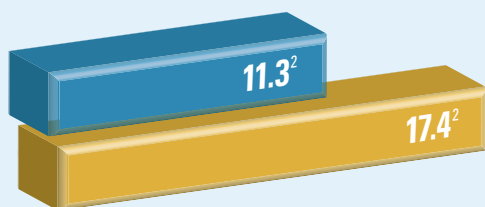
## Clear Control<sup>3D</sup><sup>™</sup>

Sharpness is one thing, control is everything

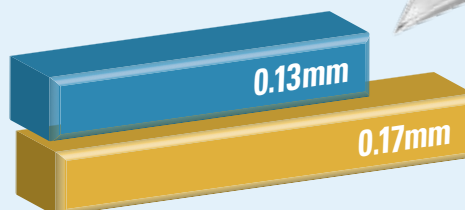


### Penetration Force and Blade Thickness

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



35% Lower Penetration Force Required



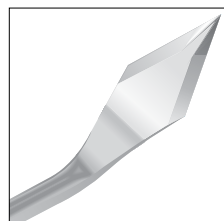
22% Thinner

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

# 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

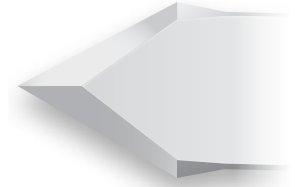
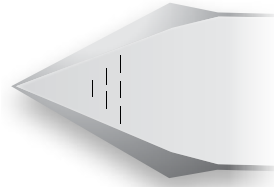
Thinner blade is designed for minimal effect on astigmatism, and to promote re-epithelialization. Short blade Length reduces risk of induced trauma.

## Unique Patented Depth Indicators

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

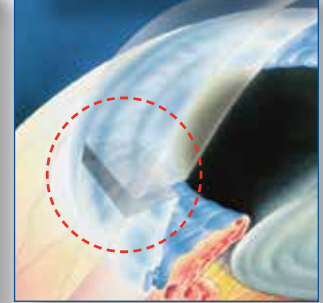
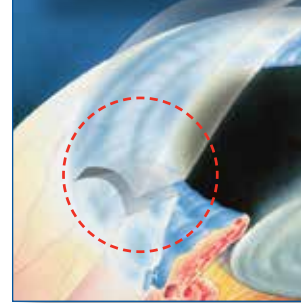
Clear Corneal Knife - Top View

Clear Corneal Knife - Bottom View



Standard slit knife incision

Clear Corneal knife incision



## 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
72-1361	1.3mm, Angled, double-bevel, 1.0mm width indicator
72-1661	1.6mm, Angled, double-bevel, 1.4mm width indicator
72-1863	1.8mm, Angled, double-bevel, 1.5mm width indicator
72-2263	2.2mm, Angled, double-bevel, 1.5mm & 1.75mm width indicator
72-2463	2.4mm, Angled, double-bevel, width indicator
72-2663	2.65mm, Angled, double-bevel, depth indicators
72-2763	2.75mm, Angled, double-bevel, depth indicators
72-2763G	2.75mm, Angled, double-bevel, depth indicators, guarded
72-2863	2.85mm, Angled, double-bevel, depth indicators
72-2863G	2.85mm, Angled, double-bevel, depth indicators, guarded
72-3061	3.0mm, Angled, double-bevel, depth indicators
72-3263	3.2mm, Angled, double-bevel, depth indicators
72-4963	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.**

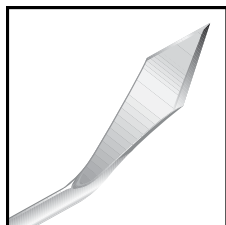


Knife	Description
72-2635	2.65mm, Angled, double-bevel, depth indicators
72-2735	2.75mm, Angled, double-bevel, depth indicators
72-2835	2.85mm, Angled, double-bevel, depth indicators
72-3035	3.0mm, Angled, double-bevel, depth indicators
72-3235	3.2mm, Angled, double-bevel, depth indicators



## Slit Knives, Bevel-Up

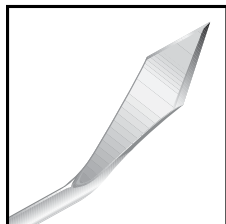
SharpPoint™ angled, bevel up precision slit knives penetrate easily while creating an accurate width incision for optimal fit to the phacoemulsification tip. **6 per box.**



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

## Slit Knives, Double-Bevel

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

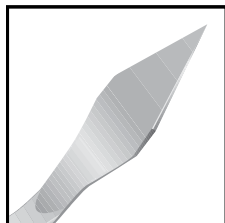


Knife	Description
72-1831	1.8mm, Angled, double-bevel
72-2231	2.2mm, Angled, double-bevel
72-2231G	2.2mm, Angled, double-bevel, guarded
72-2431	2.4mm, Angled, double-bevel
72-2431G	2.4mm, Angled, double-bevel, guarded
72-2531	2.5mm, Angled, double-bevel
72-2631	2.65mm, Angled, double-bevel
72-2831	2.8mm,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

# Phaco Incision Knives

## Slit Knives, Bevel-Up, Parallel Sides

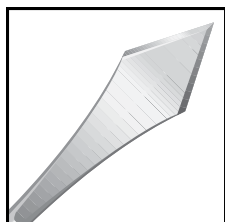
Sharpoint™ slit knives with parallel sides feature a single bevel design with side cutting ability. **6 per box.**



Knife	Blade/Tip	Description
72-2912	72-2913	3.0mm, Angled, bevel-up
72-3212	•	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
72-2801	2.85mm, Straight
72-2901	3.0mm, Straight
72-3201	3.2mm, Straight

# Phaco / Implant Incision Knives

## Trapezoid Design

Yields phaco and implant incisions in one knife

## Consistency

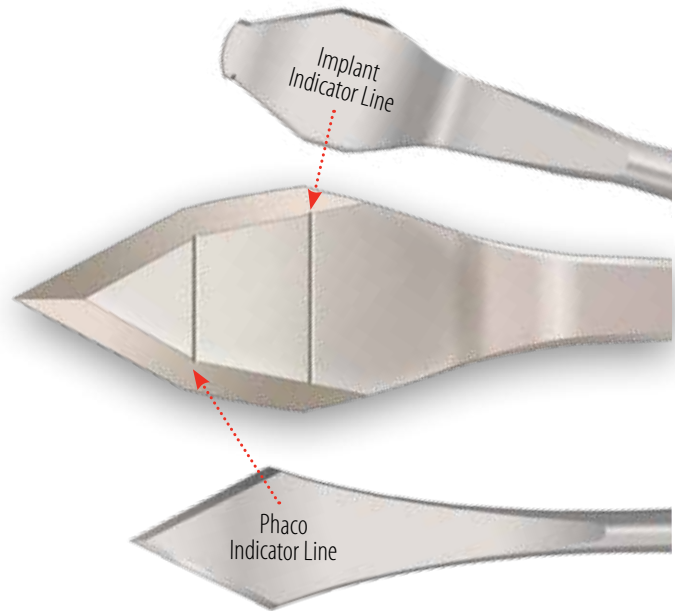
Allows surgeon to enlarge the phaco incision to a consistent, precise width for IOL insertion

## 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.**



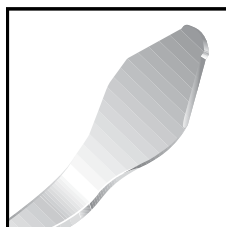
Knife	Description
75-1214	1.2 - 1.4mm, Angled, width indicator
75-1517	1.5 - 1.7mm, Angled, width indicator
75-1520	1.5 - 2.0mm, Angled, width indicator
75-1618	1.6 - 1.8mm, Angled, width indicator
75-1720	1.7 - 2.0mm, Angled, width indicator
75-1822	1.8 - 2.2mm, Angled, width indicator
75-2022	2.0 -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



# Implant Incision Knives

## Pilot Tip™ Implant Knives, Bevel-Up

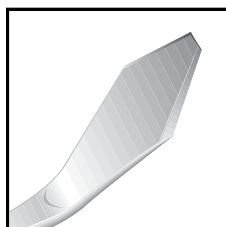
Sharpoint™ Pilot Tip™ implant knives are designed to follow the slit blade incision easily while the cutting edges create a precise opening for lens insertion. **6 per box.**



Knife	Description
76-5361	3.2mm, Angled, bevel-up
76-3761	3.75mm, Angled, bevel-up
76-5161	5.2mm, Angled, bevel-up
76-5561	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
76-4061	4.0mm, Angled, bevel-up
76-5261	5.2mm, Angled, bevel-up

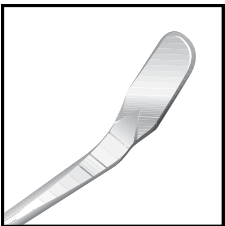
# Crescent Knives

## 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.**



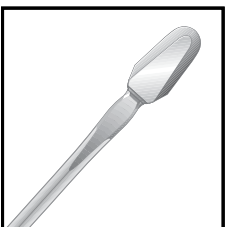
Knife	Blade/Tip	Description
74-1000	74-5000	2.0mm, Straight



Knife	Blade/Tip	Description
74-1010	74-5062	2.0mm, Angled, bevel-up
74-1010G	•	2.0mm, Angled, bevel-up, guarded
74-1020	•	2.0mm, Angled, bevel-down
74-1031	•	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.**

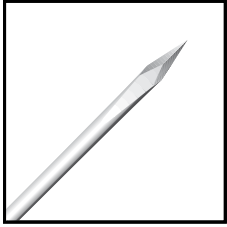


Knife	Description
74-6910	1.25mm, Angled, double-bevel

# 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

71-1901

71-2001

71-2301

71-2501

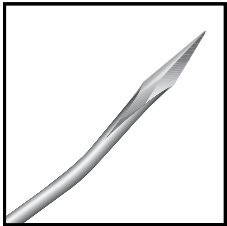
### Description

19 gauge, Straight

20 gauge, Straight

23 gauge, Straight

25 gauge, Straight



### Knife

71-2061

### Description

20 gauge, Angled

# Specialty Knives

## Spoon Knives, Double-Bevel

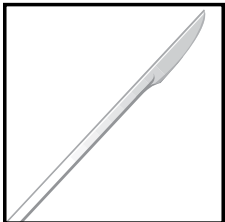
Sharpoint™ spoon knives feature a unique 320° cutting radius and ultra-thin blade to enhance precision cutting capabilities where multi-directional techniques are performed. **6 per box.**



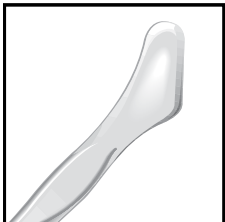
Knife	Description
74-2261	2.2mm, Angled, double-bevel
74-3061	3.0mm, Angled, double-bevel

## Specialty Knives

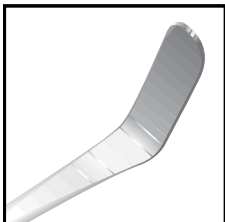
Sharpoint™ specialty knives are available in a variety of shapes and sizes for various techniques and procedures. **6 per box.**



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



Knife	Blade/Tip	Description
•	78-5700	Scleral blade, Straight

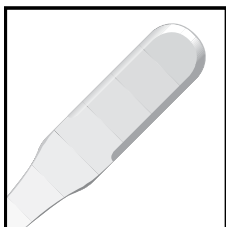


Knife	Blade/Tip	Description
•	78-6600	2.3mm, Lamellar blade, angled, bevel-up

# Specialty Knives

## 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



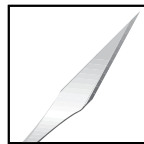
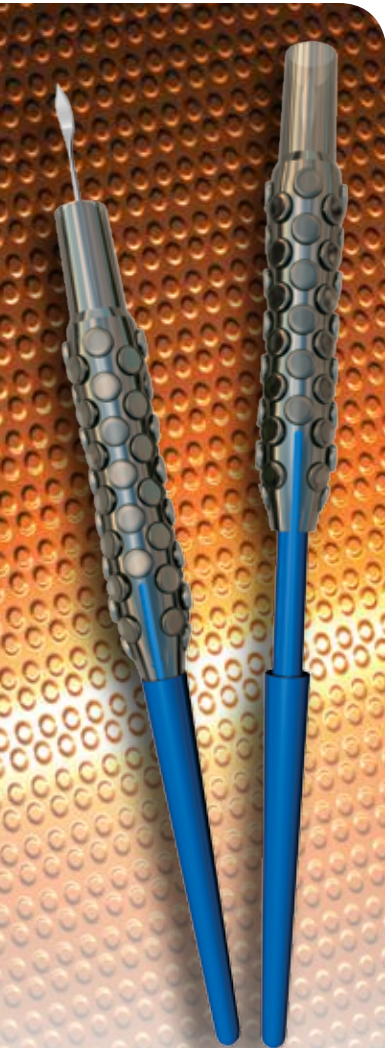
# Guarded Knives



**The Protection You Want.  
The Precision You Need.**

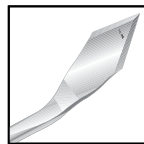
- Guarded sheath is designed to eliminate or minimize sharps injuries
- Features quality SharpPoint™ blades
- Ergonomic grip is designed for precise control and comfort
- Evaluate today as part of your OSHA Exposure Control Plan (ECP)

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.**



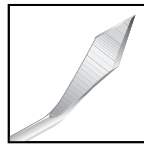
**Knife**  
**72-1501G**

**Description**  
15°, Stab, straight, guarded



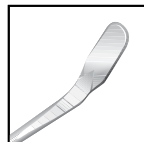
**72-2763G**  
**72-2863G**

2.75mm, Clear Corneal, angled, double-bevel, guarded  
2.85mm, Clear Corneal, angled, double-bevel, guarded



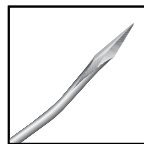
**72-2231G**  
**72-2431G**  
**72-2561G**  
**72-2661G**  
**72-2761G**  
**72-2861G**  
**72-2961G**  
**72-3261G**

2.2mm, Slit angled, double-bevel, guarded  
2.4mm, Slit angled, double-bevel, guarded  
2.5mm, Slit angled, bevel-up, guarded  
2.65mm, Slit angled, bevel-up, guarded  
2.75mm, Slit angled, bevel-up, guarded  
2.85mm, Slit angled, bevel-up, guarded  
3.0mm, Slit angled, bevel-up, guarded  
3.2mm, Slit angled, bevel-up, guarded



**74-1010G**

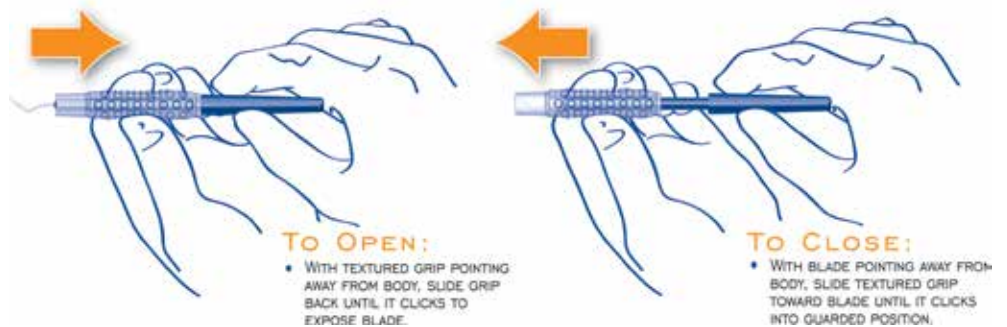
2.0mm, Crescent, angled, bevel-up, guarded



**78-2010G**

1.1mm, ClearPort™ paracentesis, angled, guarded

**Directions  
For Use**



# 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 Ethicon™ needle code is black, and the comparable Syneture™ needle code is dark green. This section also lists the needle length and shape.

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

**Length** - Length in inches/centimeters

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

Needle	Material	Length	Size					
			6-0	5-0	4-0	3-0	2-0	0
<b>DGL13</b> 13mm 3/8 Circle  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™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
 B or N denotes a box of 12; D denotes a box of 36.

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

**Sharpoint™** product code  
**Ethicon™** comparable product code  
**Syneture™** comparable product code

## 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** - Points to the green header section.

**Material** - Points to NYLON BLACK MONOFILAMENT.

**Suture Length** - Points to 12"/30cm.

**Suture Size** - Points to 10-0 USP.

**Lot Number** - Points to LOTCODE.

**Expiration Date** - Points to YYYY-MM.

**Certified for distribution in Europe** - Points to CE 0120.

**Product Item No.** - Points to A9000N.

**Quantity** - Points to 12.

**Needle Type / Shape** - Points to 2xHGL5 ULTRAGLIDE™ SPATULA 1/2c 5.51mm.

# Needle Chart

## UltraGlide™ Needles



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



## DermaGlide™ Needles



SharpPoint™	Ethicon™	Syneture™	
<b>3/8 Circle</b>			
DGL11	P-1	DX-11	11mm
DGL13	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™	Ethicon™	Syneture™	
<b>Bicurve</b>			
BSL5	TG6-C	•	5.51mm
<b>1/8 Circle</b>			
SSL5	•	•	5.51mm
SSL15	•	•	14.99mm
<b>1/4 Circle</b>			
VSL7	TG100-8	SE100-8	6.6mm
VSP8	S-29, S-24	SD-1, SS-24	8mm
VCL8	S-14	SS-14	8.51mm
<b>3/8 Circle</b>			
DSL6	TG140-6	SE140-6	6.15mm
DSL7	TG140-8	SE140-8	6.6mm
<b>1/2 Circle</b>			
HSL5	TG160-6	SE160-6	5.51mm
HSL7	•	•	7mm

## Precision Reverse Cutting Needles



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

## Reverse Cutting Needles



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

## Taper Cutting Needles



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

## Precision Conventional Cutting Needles



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

## Diamond Point Needles

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

## Vas Cutting Needles

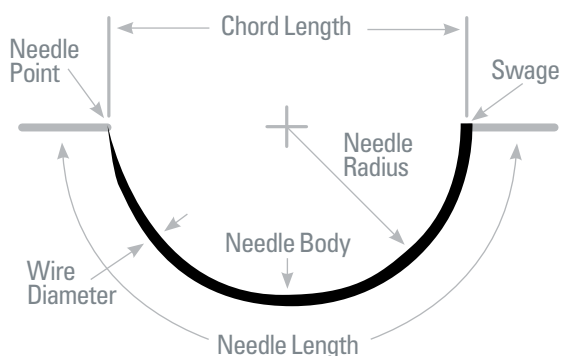
SharpPoint™	Ethicon™	Syneture™	
<b>1/4 Circle</b>			
VVL4	.	.	

## M.E.T.™ Point Needles

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

# 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

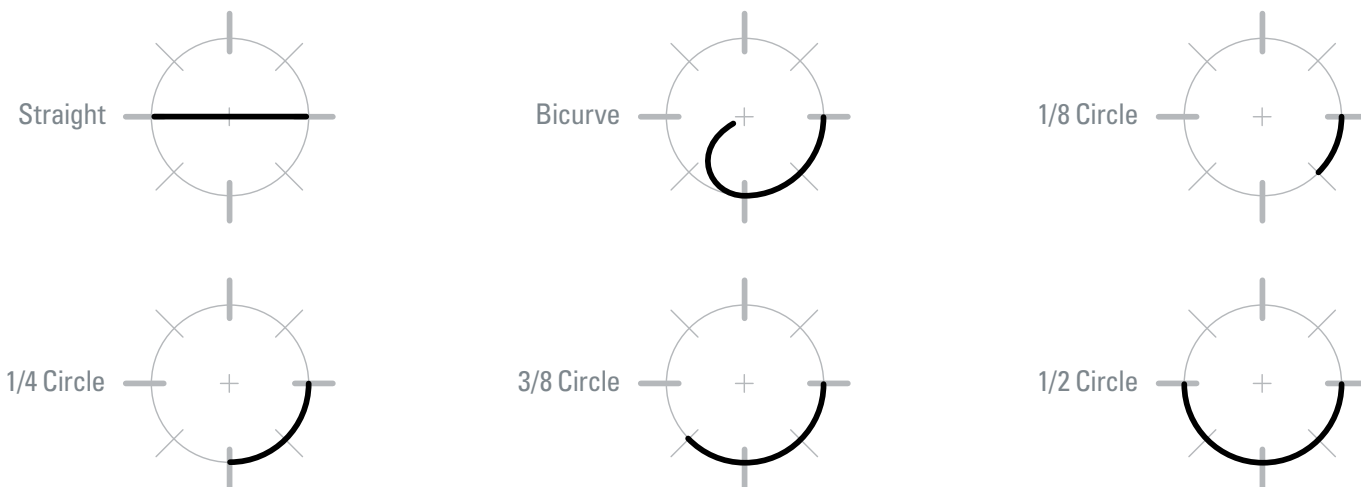
**Point:** The sharpened part of the Needle that first penetrates the tissue

**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

## Absorbable

Material	Material Description	BSR Profile	Mass Absorption
<b>Gut</b>  • Surgical Gut Suture - Plain/Chromic * Plain Gut/Chromic Gut	<b>Twisted</b> <ul style="list-style-type: none"> <li>• Plain &amp; Chromic</li> <li>• Packaged Dry or in Wetting Solution</li> </ul> <b>Common uses:</b> General Closure, OB/Gyn, Urology, Bowel Anastomosis	<b>In vivo strength retention:</b> Varies	Varies depending upon type of suture (plain vs. chromic) and site of placement
<b>PolySyn™</b> (polyglycolic acid)  • VICRYL RAPIDE™ * Velosorb™ Fast	<b>Braided</b> <ul style="list-style-type: none"> <li>• Undyed (clear) • Coated</li> </ul> <b>Common uses:</b> General Closure, OB/Gyn, Urology	<b>In vivo strength retention:</b> 48% at 7 days 0% at 14 days	Essentially complete between 49 and 63 days

## Non-Absorbable

Material	Material Description	Qualities
<b>Polyviolene™ (Uncoated)</b> (poly (ethylene-terephthate))  • MERSILENE™ * Surgidac™	<b>Braided</b> <ul style="list-style-type: none"> <li>• Undyed (white) • Dyed (green)</li> <li>• Uncoated</li> </ul> <b>Common uses:</b> General & Skin Closure, Plastic Surgery, Ophthalmology, Cardiovascular Surgery, Neurological Procedures	<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™	<b>Monofilament</b> <ul style="list-style-type: none"> <li>• Undyed (clear) • Dyed (blue) (black)</li> <li>• Packaged dry or in wetting solution</li> </ul> <b>Common uses:</b> General & Skin Closure, Plastic Surgery, Ophthalmology, Microsurgery, Cardiovascular Surgery, Gastrointestinal	<ul style="list-style-type: none"> <li>• Passes easily through tissue</li> </ul>
<b>Silk</b>  • PERMA-HAND™ Silk * SofSilk™	<b>Braided</b> <ul style="list-style-type: none"> <li>• Undyed (white) • Dyed (black) • Coated</li> </ul> <b>Common uses:</b> General & Skin Closure, Gastrointestinal, Cardiovascular Surgery, Plastic Surgery, Ophthalmology	<ul style="list-style-type: none"> <li>• Excellent handling and tying characteristics</li> </ul>
<b>Polypropylene</b>  • PROLENE™ * Surgipro™/Surgipro™ II	<b>Monofilament</b> <ul style="list-style-type: none"> <li>• Undyed (clear) • Dyed (blue)</li> </ul> <b>Common uses:</b> General & Skin Closure, Neurosurgery, Plastic Surgery, Ophthalmology, Microsurgery, Cardiovascular Surgery	<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\*

## Precision Conventional Cutting Needles

Needle	Material	Length	Size						
			10-0	9-0	8-0	7-0	6-0	5-0	
<b>DSCM13</b> 11mm 3/8 Circle  PC-1 P-13	Plain Gut	18"/45cm						<b>B2711N</b> <b>1916G</b> <b>XG1916</b>	


## Precision Reverse Cutting Needles

Needle	Material	Length	Size						
			10-0	9-0	8-0	7-0	6-0	5-0	
<b>DSM11</b> 11mm 3/8 Circle  P-1 P-10	Plain Gut	12"/30cm						<b>B2698N</b>  	
		18"/45cm						<b>B660N/</b> <b>B774N</b> <b>774G</b> <b>SG1645</b>	
<b>DSM11</b> 11mm 3/8 Circle  P-1 P-10	Plain Gut	18"/45cm						<b>B770N</b> <b>770G</b> <b>SG1645</b>	

\*Gut sutures are not CE marked.

# Chromic Gut Sutures\*

## Precision Reverse Cutting Needles


Needle	Material	Length	Size						
			10-0	9-0	8-0	7-0	6-0	5-0	
<b>DSM13</b> 13mm 3/8 Circle  P-3 DX-13	Chromic Gut	18"/45cm						<b>C687N</b>  	

\*Gut sutures are not CE marked.



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

# PolySyn™ (Polyglycolic Acid) Sutures





## Diamond Point Needles

Needle	Material	Length	Size						
			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>G551N</b> <b>J551G</b> <b>L1551K</b>		

## Precision Conventional Cutting Needles

Needle	Material	Length	Size						
			9-0	8-0	7-0	6-0	5-0	4-0	
<b>DSCM13</b> 13mm 3/8 Circle  PC-1 P-13	Undyed Braided	18"/45cm						<b>G834N</b> <b>J834G</b> <b>SL5687G</b>	
<b>DSCM16</b> 16mm 3/8 Circle  PC-3 PC-11	Undyed Braided	18"/45cm							<b>G845N</b> <b>VR835</b> <b>SL5686G</b>



## Precision Reverse Cutting Needles

Needle	Material	Length	Size					
			8-0	7-0	6-0	5-0	4-0	3-0
<b>DSM11</b> 11mm 3/8 Circle  P-1 DX-11	Undyed Braided	8"/20cm			<b>G489NS</b> • •			
		18"/45cm				<b>G490N</b> <b>J490G</b> <b>SL1689G</b>		
<b>DSM13</b> 13mm 3/8 Circle  P-3 DX-13	Undyed Braided	8"/20cm			<b>G492NS</b> • •	<b>G493NS</b> • •	<b>G494NS</b> • •	
		18"/45cm			<b>G492N</b> <b>J833G</b> <b>XL833</b>	<b>G493N/</b> <b>G463N</b> <b>J834G</b> <b>XL834</b>	<b>G494N</b> <b>J835G</b> <b>XL835</b>	
<b>DSM16</b> 16mm 3/8 Circle  PS-3 P-11	Undyed Braided	18"/45cm			<b>G499N</b> <b>J499G</b> <b>XL843</b>	<b>G500N</b> <b>J500G</b> <b>SL5626G</b>		<b>G0508N</b> • <b>SL5621</b>
<b>DSM19</b> 19mm 3/8 Circle  PS-2 DX-19	Undyed Braided	8"/20cm				<b>G495S</b> • •	<b>G496S</b> • •	
		18"/45cm			<b>G794N</b> • •	<b>G495N</b> <b>J822G</b> <b>XL822</b>	<b>G496N</b> <b>J823G</b> <b>XL823</b>	<b>G497N</b> <b>J824G</b> <b>XL824</b>




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

# PolySyn™ (Polyglycolic Acid) Sutures

## Precision Reverse Cutting Needles (cont'd)

Needle	Material	Length	Size					
			8-0	7-0	6-0	5-0	4-0	3-0
<b>HSM9</b> 9mm 1/2 Circle  P-2 P-21	Undyed Braided	18"/45cm				<b>G503N</b> J503G SL1644G	<b>G504N</b> J504G SL1645G	
<b>HSM16</b> 16mm 1/2 Circle  PS-4 P-24	Undyed Braided	18"/45cm				<b>G506N</b> J506G SL5632G	<b>G507N</b> J507G SL5633G	

## Side Cutting Lancet Needles


Needle	Description	Material	Length	Size			
				8-0	7-0	6-0	5-0
<b>VSL7</b>  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>G544N</b> J544G L1750K	
<b>VCL8</b>  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>G670N</b> J670G L1670	<b>G671N</b> J671G L1669
	1/4 Circle Length 8.51mm Curvature 109 Radius 4.32mm Chord 7.28mm Wire .34mm	Violet Braided	8"/20cm			<b>G590N</b> J590G L1740K	
		Violet Braided	18"/45cm			<b>G570N</b> J570G ●	
<b>VSP8</b>  S-29, S-24 SD-1, SS-24	1/4 Circle Length 8.51mm Curvature 112 Radius 4.36mm Chord 7.24mm Wire .33mm	Violet Braided	12"/30cm			<b>G556N</b> J556G L1446K	
	1/4 Circle Length 8.51mm Curvature 109 Radius 4.32mm Chord 7.28mm Wire .34mm		18"/45cm			<b>G555N</b> J555G ●	
			12"/30cm			<b>G552N</b> J552G L1742K	<b>G553N</b> J553G L1785K

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




## PolySyn™ (Polyglycolic Acid) Sutures

### Taper Cutting Needles


Needle	Material	Length	Size					
			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>G0502N</b> ●		

## Polyviolene™ (Polyester) Sutures

### Side Cutting Lancet Needles


Needle	Material	Length	Size				
			8-0	7-0	6-0	5-0	4-0
<b>VSP8</b> 8mm 1/4 Circle  T1 S-24 SS-14	White Braided Uncoated	18"/45cm				<b>F893NC</b> W893 ●	

### Taper Cutting Needles

Needle	Material	Length	Size					
			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					<b>F2600N</b> ●	<b>F2678N</b> X872H ●

## Nylon Sutures



### Center Point Spatula Needles

Needle	Description	Material	Length	Size			
				7-0	6-0	5-0	
<b>DO5</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>A749N</b> 749G N2781


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

# Nylon Sutures

## DermaGlide™ Needles

Needle	Material	Length	Size					
			9-0	8-0	7-0	6-0	5-0	4-0
<b>DGL13</b> 11mm 3/8 Circle  P-3 DX13	Black Monofilament	18"/45cm				<b>AD-1698</b> 1698G XN1856	<b>AD-698N</b> 698G XN1855	
<b>DGL19</b> 13mm 3/8 Circle  PC-5 DX19	Black Monofilament	18"/45cm					<b>AD-1666</b> 1666G SN5666G	<b>AD-1667</b> 1667G SN5667G

## Precision Conventional Cutting Needles

Needle	Material	Length	Size					
			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				<b>A1866N</b> 1866G SN1966	<b>A1865N</b> 1865G SN3965	<b>A1864N</b> 1864G SN1964
	Black Monofilament Pliable	18"/45cm					<b>A1965N</b> 1965G SN3965	










## Precision Reverse Cutting Needles

Needle	Material	Length	8-0	7-0	6-0	5-0	4-0
<b>DSM11</b> 11mm 3/8 Circle  P-1 P-10	Black Monofilament	18"/45cm		<b>A1696N</b> 1866G SN3686			
<b>DSM13</b> 13mm 3/8 Circle  P-3 P-13	Black Monofilament	18"/45cm			<b>A1698N</b> 1698G SN5696G	<b>A698N</b> 698G SN5698G	<b>A699N</b> 699G SN5699G
	Clear Monofilament	18"/45cm					<b>A691N</b> 691G SN5691G
<b>DSM16</b> 16mm 3/8 Circle  PS-3 P-11	Black Monofilament	18"/45cm				<b>A1668N</b> 1668G SN5668G	

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

# Nylon Sutures







## Side Cutting Lancet Needles

Needle	Description	Material	Length	Size			
				10-0	9-0	8-0	
BSL5  TG6-C	Bicurve Length 4.88mm Curvature 90/50	Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	6"/15cm	A2687N 7799G ●		
				12"/30cm	A2522N ●		
BSL5  TG6-C	Bicurve Length 4.88mm Curvature 90/50	Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	8"/20cm	A2524N ●		
				12"/30cm	A2525N 7799G ●		
DSL6  TG140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.83mm Wire .15mm	Black Monofilament	6"/15cm	A2683N ●		
				12"/30cm	A2533N ●		
DSL6  TG140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.83mm Wire .15mm	Black Monofilament	12"/30cm	A7770N 7770G ●		
DSL7  TG140-8	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm	A2532N ●		
DSL7  TG140-8	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm	A7718N 7718G ●	A7717N 7717G ●	
HSL5  TG160-6	1/2 Circle Length 5.51mm Curvature 150	Radius 2.03mm Chord 4.07mm Wire .15mm	Black Monofilament	6"/15cm	A2534N ●	A2681N ●	
				12"/30cm	A2510N ●		
HSL5  TG160-6	1/2 Circle Length 5.51mm Curvature 150	Radius 2.03mm Chord 4.07mm Wire .15mm	Black Monofilament	6"/15cm	A7757N 7757G ●		
				12"/30cm	A7756N 7756G N2756K ●	A7760N 7760G ●	
HSL7  TG160-6	1/2 Circle Length 7.04mm Curvature 175	Radius 2.29mm Chord 4.71mm Wire .15mm	Black Monofilament	12"/30cm	A2519N ●		


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

# Nylon Sutures

## UltraGlide™ Needles

Needle	Description	Material	Length	Size		
				11-0	10-0	9-0
<b>BGL5</b>  CSB-6	Bicurve Length 4.88mm Curvature 90/50 Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	12"/30cm		<b>A2675N</b> 9007G ●	
<b>DGL6</b>  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>A9060N</b> 9060G ●	
<b>DGL6</b>  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>A9003N</b> 9003G ●	
<b>HGL5</b>  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>A9061N</b> 9061G ●	
<b>HGL5</b>  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>A9016N</b> 9016G ●	<b>A9001N</b> 9001G ●	
			12"/30cm		<b>A9000N</b> 9000G ●	
<b>HGL7</b>  CS175-8	1/2 Circle Length 6.99mm Curvature 175 Radius 2.29mm Chord 4.57mm Wire .15mm	Black Monofilament	12"/30cm		<b>A9032N</b> 9032G ●	

## UltraGlide™ Needles

Needle	Description	Material	Length	Size		
				10-0	9-0	8-0
<b>VVL4</b> 	1/4 Circle Length 4mm 100 Microns Curvature 109	Black Monofilament	5"/13cm		<b>A0819N</b> ● ●	





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

# Silk Sutures

## Precision Reverse Cutting Needles

Needle	Material	Length	Size				
			9-0	8-0	7-0	6-0	5-0
<b>DSM7</b> 7mm 3/8 Circle  G-6 HE-6	Black Braided	12"/30cm			<b>D2680N</b> 768G S1768K		
<b>DSM7</b> 7mm 3/8 Circle  G-6 HE-6	Black Braided	18"/45cm			<b>D0191N</b> 7733G S1768K	<b>D769N</b> 769G ●	
<b>DSM11</b> 11mm 3/8 Circle  P-1 P-10	Black Braided	18"/45cm				<b>D639N</b> 639G S51639G	
<b>DSM11</b> 11mm 3/8 Circle  P-1 P-10	Black Braided	18"/45cm				<b>D780N</b> 780G S1750	
<b>HSM8</b> 8mm 1/2 Circle  G-7 HE-7	Black Braided	18"/45cm				<b>D765N</b> 765G S1765	




## Reverse Cutting Needles

Needle	Material	Length	Size				
			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>D1639N</b> ● S1172	<b>D0374N</b> ● S1173		
<b>DS16</b> 16mm 3/8 Circle  FS-3 C-12	Black Braided	18"/45cm			<b>D1678N</b> 1678H SS5678	<b>D0239N</b> 739G SS686	<b>DC-0389N</b> ● ●
<b>DS18</b> 18mm 3/8 Circle  FS-2 C-13	Black Braided	18"/45cm			<b>D682N</b> 682G SS682G	<b>D683N</b> 683G SS683G	<b>D1679N</b> 1679H SS694
<b>HS16</b> 16mm 1/2 Circle  	Black Braided	18"/45cm					<b>D2460N</b> ● ●

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

# Silk Sutures

## Side Cutting Lancet Needles


Needle	Description	Material	Length	Size			
				8-0	7-0	6-0	
<b>VSP8</b>  T-1 S-24 SS-24	1/4 Circle Length 8mm Curvature 90 Radius 5.08mm Chord 7.24mm Wire .35mm	Black Braided	18"/45cm			<b>D1780N</b> 1780G S2780	
<b>DSL6</b>  TG140-6 SE-140-6	3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 4.83mm Wire .15mm	Blue Braided Virgin	18"/45cm	<b>DA-2552N</b> † ●			
<b>DSL7</b>  TG140-8 SE-140-8	3/8 Circle Length 6.60mm Curvature 131 Radius 2.79mm Chord 5.26mm Wire .20mm	Black Braided	12"/30cm	<b>D2526N</b> 599G ●			
			18"/45cm		<b>D7733N</b> 7733G S1768K		
		Blue Braided Virgin	18"/45cm	<b>DA-2550N</b> † ●			

† Not sold in U.S.A.

## Taper Cutting Needles

Needle	Material	Length	Size				
			8-0	7-0	6-0	5-0	4-0
<b>DRT14</b> 14mm 3/8 Circle  CC-1	Black Braided	18"/45cm			<b>D7729N</b> 7729G ●		<b>D945N</b> K945G ●


## Taper Point Needles

Needle	Material	Length	Size				
			8-0	7-0	6-0	5-0	4-0
<b>DR12</b> 12mm 3/8 Circle  C-1 CV-1	Black Braided	18"/45cm			<b>D707N</b> 707G VS802		<b>D7734N</b> 7734G ●



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

# Polypropylene Sutures




## M.E.T.™ Point Needles

Needle	Description	Material	Length	Size		
				10-0	9-0	8-0
<b>DRM5</b>  PC-1 P-13	3/8 Circle Length 5mm 100 Microns Curvature 135	Blue Monofilament	5"/13cm		<b>JA-2123N</b> ● ●	

## Precision Conventional Cutting Needles

Needle	Material	Length	Size				
			8-0	7-0	6-0	5-0	4-0
<b>DSCM13</b>  PC-1 P-13	Blue Monofilament	18"/45cm				<b>J8618N</b> ● ●	
<b>DSCM16</b>  PC-3 P-11	Blue Monofilament	18"/45cm				<b>J2457N</b> ● ●	<b>J8634N</b> ● ●

## Precision Reverse Cutting Needles

Needle	Material	Length	Size				
			7-0	6-0	5-0	4-0	3-0
<b>DSM11</b> 11mm 3/8 Circle  P-1 P-10	Blue Monofilament	18"/45cm	<b>J8696N</b> 8696G SP1696G	<b>J8697N</b> 8697G SP5696G			
<b>DSM13</b> 13mm 3/8 Circle  P-3 P-13	Blue Monofilament	18"/45cm			<b>J8698N</b> 8698G SP5698G		
<b>DSM16</b> 16mm 3/8 Circle  PS-3 P-11	Blue Monofilament	18"/45cm		<b>J8680N</b> 8680G SP5680G	<b>J8681N</b> 8681G SP5681G		









## Reverse Cutting Needles

Needle	Material	Length	Size				
			7-0	6-0	5-0	4-0	3-0
<b>DS14</b> 14mm 3/8 Circle  C-3 C-12	Blue Monofilament	18"/45cm		<b>J1712N</b> ● SP660G	<b>J1713N</b> ● ●		



Product numbers are color coded respectively as Sharpoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).  
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# Polypropylene Sutures



## Side Cutting Lancet Needles

Needle	Description	Material	Length	Size		
				10-0	9-0	8-0
<b>SSL5</b>  1/8 Circle Length 5.51mm Curvature 50	Radius 6.35mm Chord 5.35mm Wire .15mm	Blue Monofilament	2"/5cm	<b>J2560N</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>J2559N</b> 		
			6"/15cm		<b>J2558N</b> 	
<b>DSL6</b>  3/8 Circle Length 6.15mm Curvature 135 TG140-6	Radius 2.54mm Chord 5.35mm Wire .15mm	Blue Monofilament	12"/30cm	<b>J1710N</b> <b>1710G</b> 		
<b>HSL5</b>  1/2 Circle Length 5.51mm Curvature 150 TG160-6 SE-160-6	Radius 2.03mm Chord 4.07mm Wire .15mm	Blue Monofilament	12"/30cm	<b>J2529N</b> <b>7794G</b> <b>PZ756K</b>		

## Taper Point Needles

Needle	Material	Length	Size					
			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	<b>J2775N</b> <b>2775G</b> 					

## UltraGlide™ Needles

Needle	Material	Length	Size					
			8-0	8-0	7-0	6-0	5-0	
<b>HGL5</b> 5.51mm 1/2 Circle  CS-160-6 SE-160-6	Blue Monofilament	6"/15cm	<b>J2625N</b> 					

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



# 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



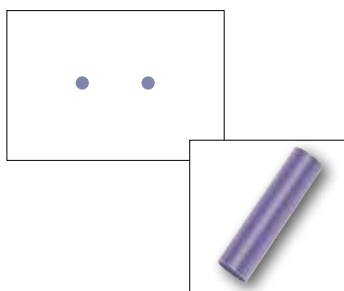
Item Number	Description
PPLUG4	0.4mm plug / inserter
PPLUG5	0.5mm plug / inserter
PPLUG6	0.6mm plug / inserter
PPLUG7	0.7mm plug / inserter
PPLUG8	0.8mm plug / inserter

**UltraPlug™**  
**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)



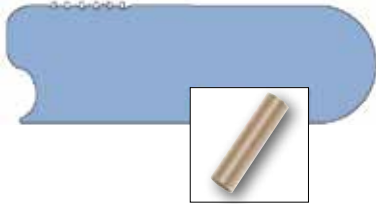
Item Number	Description
EPLUG2	0.2mm diameter /2.0mm Length
EPLUG3	0.3mm diameter /2.0mm Length
EPLUG4	0.4mm diameter /2.0mm Length

# 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.

# 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



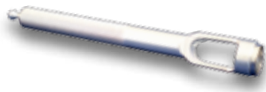
**11850**

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



**11901**

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



**11903**

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

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
11840	Vacuum Trephine			•	•	•	•	•	•	•	•	•	•	•		•	
11850	Donor Punch Set			•	•	•	•	•	•	•	•	•	•	•	•	•	•
11901	X-Hair Trephine	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
11903	Long Handled Trephine			•	•	•	•	•	•	•	•	•	•	•	•	•	

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

## Clear Corneal Knife, Double-Bevel

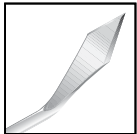
The Sharpoint™ 4.9mm Clear Corneal knife is designed to create a 4.9mm clear corneal incision needed for insertion of the EndoGlide™ cartridge. This knife features tapered bevel cutting edges designed to compensate for corneal curvature, creating a self-sealing linear incision. Patented incision depth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



Knife	Description
<b>72-4963</b>	4.9mm Angled, double-bevel, depth indicators

## Slit Knife, Bevel-Up

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



Knife	Description
<b>72-4561</b>	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.**

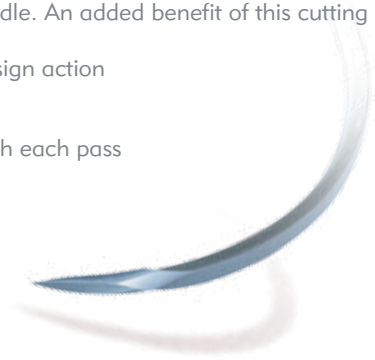


Knife	Description	Maximum Instrument Size
<b>78-2010</b>	1.1mm, Angled	20g







## 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™ Needles

Needle	Description	Material	Length	11-0	10-0	9-0
<b>BGL5</b>  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>A2675N</b> <b>9007G</b> ●	
<b>DGL6</b>  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>A9060N</b> <b>9060G</b> ●	
<b>DGL6</b>  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>A9003N</b> <b>9003G</b> ●	
<b>HGL5</b>  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>A9061N</b> <b>9061G</b> ●	
<b>HGL5</b>  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>A9016N</b> <b>9016G</b> ●	<b>A9001N</b> <b>9001G</b> ●	
			12"/30cm		<b>A9000N</b> <b>9000G</b> ●	
<b>HGL7</b>  CS175-8	1/2 Circle Length 6.99mm Curvature 175 Radius 2.29mm Chord 4.57mm Wire .15mm	Black Monofilament	12"/30cm		<b>A9032N</b> <b>9032G</b> ●	

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

# Sharpoint I/A Handpiece

- Single Use
- Machine Compatible
- Available In Standard, Soft Tip, Micro Incision And Bi-Manual



Product Code	Size	Type	Description	Pieces/Box
<b>Standard</b>				
92-5000	16G/21G	I/A Handpiece	Straight Tip	5
92-5045	16G/21G	I/A Handpiece	45° Angled Tip	5
92-5060	16G/21G	I/A Handpiece	60° Angled Tip	5
92-5090	16G/21G	I/A Handpiece	90° Angled Tip	5
<b>2.2mm Incision</b>				
92-5200	17G/24G	I/A Handpiece	Straight Tip	5
92-5245	17G/24G	I/A Handpiece	45° Angled Tip	5
92-5260	17G/24G	I/A Handpiece	60° Angled Tip	5
92-5290	17G/24G	I/A Handpiece	90° Angled Tip	5
<b>Soft Tip, Standard</b>				
92-4000	21G	I/A Handpiece	Straight Tip	5
92-4045	21G	I/A Handpiece	45° Angled Tip	5
92-4060	21G	I/A Handpiece	60° Angled Tip	5
92-4090	21G	I/A Handpiece	90° Angled Tip	5
<b>Soft Tip, 2.2mm Incision</b>				
92-4200	24G	I/A Handpiece	Straight Tip	5
92-4245	24G	I/A Handpiece	45° Angled Tip	5
92-4260	24G	I/A Handpiece	60° Angled Tip	5
92-4290	24G	I/A Handpiece	90° Angled Tip	5
<b>Bi-Manual</b>				
92-3000 Set	23G x 3/4	Bi-Manual Handpiece	Irrigation Handpiece. Thin wall, Curved set 0.35mm side ports	5 Pairs
	23G x 3/4	Bi-Manual Handpiece	Aspiration Handpiece. Thin wall, Curved 0.3mm side port. Micro-etched tip	
92-3045 Set	23G x 3/4	Bi-Manual Handpiece	Irrigation Handpiece. Ultra thin wall, Curved, 45° bevelled tip	5 Pairs
	23G x 3/4	Bi-Manual Handpiece	Aspiration Handpiece. Thin wall, Curved 0.3mm side port	

## Ophthalmic Knives

Item No.	Description	Page
71-1901	Vitreotomy Knife, 19g	11
71-2001	Vitreotomy Knife, 20g	11
71-2061	Vitreotomy Knife, 20g, Angled	11
71-2301	Vitreotomy Knife, 23g	11
71-2501	Vitreotomy Knife, 25g	11
72-0301	Restricted Depth Knife, 300 Micron, Straight	2
72-0303	Precision Depth Knife, 300 Micron, Straight	2
72-0401	Restricted Depth Knife, 450 Micron, Straight	2
72-0503	Precision Depth Knife, 500 Micron, Straight	2
72-1001	1.0mm Paracentesis Knife, Straight	2
72-1050	Clear Control 3D™ Slit Knife, 1.0mm, Angled	3
72-1361	Clear Corneal Knife, Angled, 1.3mm, 1.0mm Width	5
72-1461	Slit Knife, Bevel-Up, 1.4mm, Angled	6
72-1501	Stab Knife, 15 Degree, Straight	1
72-1501G	Guarded Stab Knife, 15 Degree, Straight	1,14
72-1502	Stab Blade/Tip, 15 Degree, Straight	2
72-1531	Stab Knife, 15 Degree, 3.0mm Restricted Blade Depth	2
72-1532	Stab Blade/Tip, 15 Degree, 3.0mm Restricted Blade Depth	2
72-1550	Clear Control 3D™ Slit Knife, 1.5mm, Angled	3
72-1551	Stab Knife, 15 Degree, 5.0mm Restricted Blade Depth	2
72-1552	Stab Blade/Tip, 15 Degree, 5.0mm Restricted Blade Depth	2
72-1591	Stab Knife, 15 Degree, Right Angled	1
72-1650	Clear Control 3D™ Slit Knife, 1.6mm, Angled	3
72-1661	Clear Corneal Knife, 1.6mm, 1.4mm Width	5
72-1831	Slit Knife, Double-Bevel, 1.8mm, Angled	6
72-1850	Clear Control 3D™ Slit Knife, 1.8mm, Angled	3
72-1861	Slit Knife, Bevel-Up, 1.8mm, Angled	6
72-1863	Clear Corneal Knife, 1.8mm, Angled	5
72-2050	Clear Control 3D™ Slit Knife, 2.0mm, Angled	3
72-2201	Stab Knife, 22.5 Degree, Straight	1
72-2202	Stab Blade/Tip, 22.5 Degree, Straight	2
72-2231	Slit Knife, Double-Bevel, 2.2mm, Angled	6
72-2231G	Guarded Slit Knife, Double-Bevel, 2.2mm, Angled	6,14
72-2250	Clear Control 3D™ Slit Knife, 2.2mm, Angled	3
72-2261	Slit Knife, Bevel-Up, 2.2mm, Angled	6
72-2263	Clear Corneal Knife, 2.2mm, Angled	5
72-2431	Slit Knife, Double-Bevel, 2.4mm, Angled	6
72-2431G	Guarded Slit Knife, Double-Bevel, 2.4mm, Angled	6,14
72-2450	Clear Control 3D™ Slit Knife, 2.4mm, Angled	3
72-2461	Slit Knife, Bevel-Up, 2.4mm, Angled	6
72-2463	Clear Corneal Knife, 2.4mm, Angled	5
72-2531	Slit Knife, Double-Bevel, 2.5mm, Angled	6
72-2550	Clear Control 3D™ Slit Knife, 2.5mm, Angled	3
72-2561	Slit Knife, Bevel-Up, 2.5mm, Angled	6
72-2561G	Guarded Slit Knife, Bevel-Up, 2.5mm, Angled	6,14
72-2562	Slit Blade/Tip, Bevel-Up, 2.5mm, Angled	6
72-2631	Slit Knife, Double-Bevel, 2.65mm, Angled	6
72-2635	Clear Corneal Knife, Parallel Sides, 2.65mm, Angled	5
72-2650	Clear Control 3D™ Slit Knife, 2.65mm, Angled	3
72-2661	Slit Knife, Bevel-Up, 2.65mm, Angled	6
72-2661G	Guarded Slit Knife, Bevel-Up, 2.65mm, Angled	6,14
72-2662	Slit Blade/Tip, Bevel-Up, 2.65mm, Angled	6

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72-2835	Clear Corneal Knife, Parallel Sides, 2.85mm, Angled	5
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72-2861	Slit Knife, Bevel-Up, 2.85mm, Angled	6
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