

OPHTHALMIC PRODUCT CATALOG



# A rich history empowering a bright future.

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

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



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# **Phaco Incision Knives**



# Clear Control 3D<sup>™</sup> Plus

Sharpness is one thing, control is everything



# Clear Control 3D Plus Slit Knives

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

Knife 72-1650 72-1850 72-2050 72-2250 72-2450	Blade/Tip	Description 1.6mm, angled, full handle 1.8mm, angled, full handle 2.0mm, angled, full handle 2.2mm, angled, full handle 2.4mm, angled, full handle
72-2550 72-2650	-	2.5mm, angled, full handle 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

# **Paracentesis Incision Knives**

**ClearPort** Paracentesis Knives

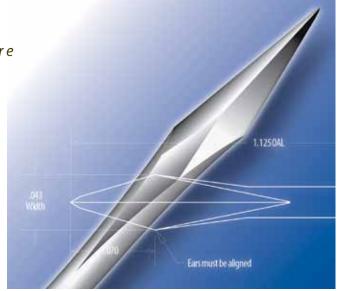
Technology = Superior Wound Architecture

# **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<sup>™</sup> Paracentesis Knives

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





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

<sup>\*</sup>Features SharpGuard™ Guarded Handle. 5 per box.

### **Stab Knives**

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



Knife	Blade/Tip
72-1501	72-1502
72-1501G*	-
72-1591	-
72-2201	72-2202
72-3001	72-3002
72-4501	72-4502

<sup>\*</sup>Features SharpGuard™ Guarded Handle. 5 per box.

#### Description

15° Straight, full handle 15° Straight\*, guarded 15° Right angled 22.5° Straight, full handle 30° Straight, full handle 45° Straight, full handle





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

Blade/Tip 72-1532 72-1552

#### Description

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



Knife 72-1001

#### Description

1.0mm Paracentesis, straight, single bevel

# **Clear Corneal Phaco Incision Knives**

# **Exceptional Wound Architecture**

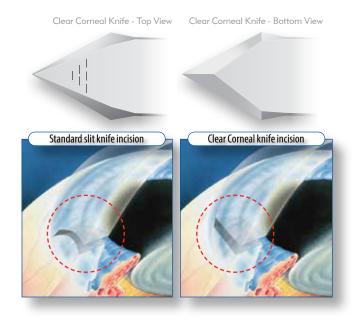
Tapered bevels are designed to bend and incise tissue, resulting in a straight incision that is more self-sealing.

#### **Blade Profile**

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

# **Unique Patented Depth Indicators**

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



### Clear Corneal Knives, Double-Bevel

Sharpoint<sup>™</sup> 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.



<sup>\*</sup>Features SharpGuard™ Guarded Handle. 5 per box.

### 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 (1.5mm, 1.75mm, 2.0mm) are visible on each blade. 6 per box.





# **Phaco Incision Knives**

### Slit Knives, Bevel-Up

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



<sup>\*</sup>Features SharpGuard™ Guarded Handle. 5 per box.

# Slit Knives, Double-Bevel

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



# 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 72-2912 72-3212

#### Description

3.0mm, angled, bevel-up 3.2mm, angled, bevel-up

# Slit Knives, Single-Bevel

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





Knife 72-2801 72-2901

# Description

2.85mm, straight 3.0mm, straight

# IQ Geometry™ ClearTrap™ Knives, Bevel-Up

Sharpoint<sup>™</sup> IQ Geometry<sup>™</sup> ClearTrap<sup>™</sup> 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 77-1725

Description

1.7 - 2.2 - 2.5mm, angled, full handle width indicator



# Phaco / Implant Incision Knives

### **Trapezoid Design**

Yields phaco and implant incisions in one knife

# Consistency

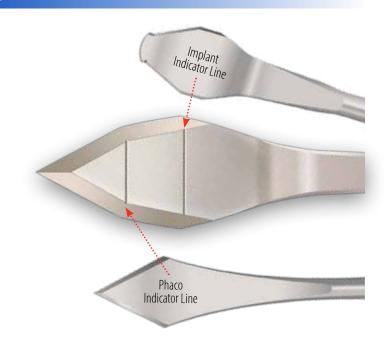
Allows surgeon to enlarge the phaco incision to a consistent, precise width for IOL insertion

# **Wound Integrity**

Designed to maintain wound integrity by eliminating the implant knife

#### **Indicator Lines**

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



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

Sharpoint<sup>™</sup> ClearTrap<sup>™</sup> 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.





/5-1214	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
75-1720	1.7 - 2.0mm, 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
75-2824	2.85 - 3.2mm, angled, width indicator
75-2826	2.85 - 3.75mm, angled, width indicator

# **Implant Incision Knives**

# Pilot Tip™ Implant Knives, Bevel-Up

Sharpoint  $^{\mathbb{T}}$  Pilot Tip  $^{\mathbb{T}}$  implant knives are designed to easily follow the slit blade incision while the cutting edges create a precise opening for lens insertion. 6 per box.



### Implant Knives, Bevel-Up

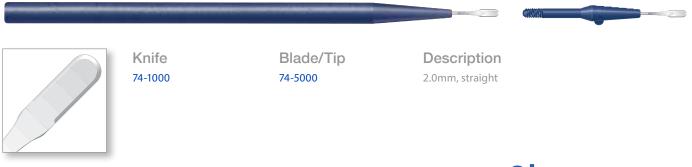
Sharpoint™ standard implant knives are designed to widen the initial incision to facilitate lens insertion. 6 per box.



# **Crescent Knives**

# Sharptome<sup>™</sup> Crescent Knives

Sharpoint<sup>™</sup> Sharptome<sup>™</sup> 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.



# Crescent Knives (cont'd)



### **Knife** 74-1010 74-1010G\* 74-1031

# Blade/Tip

74-5062

-

#### Description

2.0mm, angled, bevel-up

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

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

#### **Mini-Crescent Knives**

Sharpoint<sup>™</sup> 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 74-6910

#### Description

1.25mm, angled, double-bevel

# **Vitrectomy Knives**

# **Vitrectomy Knives**

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



# 71-2001 71-2301 71-2501

Knife 71-1901

### Description

19 gauge, straight

- 20 gauge, straight 23 gauge, straight
- 25 gauge, straight
- 25 gauge, straight



Knife 71-2061

Description

20 gauge, angled

# **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 72-0303 72-3503 72-5503 72-6003

300 µm straight, full handle 350 µm straight, full handle 550 µm straight, full handle 600 µm straight, full handle

### **Restricted Depth Knives**

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





Knife 72-0301 72-0401 Description

 $300\,\mu m$  straight, full handle  $450\,\mu m$  straight, full handle



# **Specialty Knives**

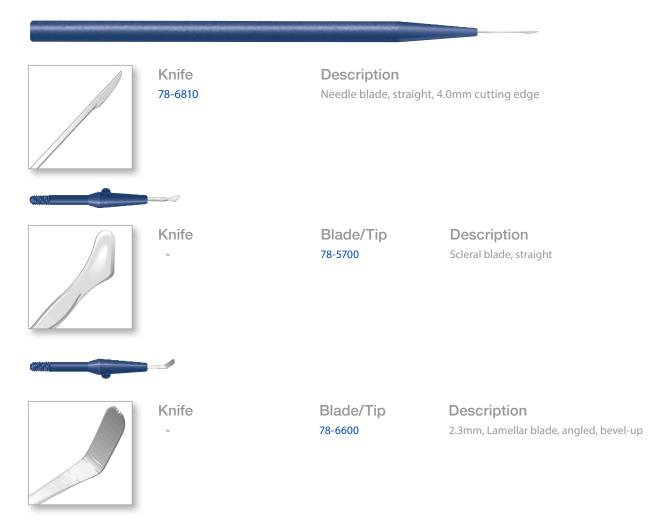
# Spoon Knives, Double-Bevel

Sharpoint<sup>™</sup> 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.



# **Specialty Knives**

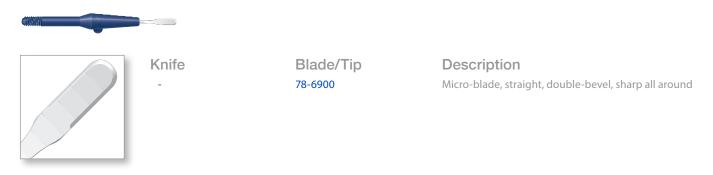
Sharpoint specialty knives are available in a variety of shapes and sizes for various techniques and procedures. 6 per box.



# **Specialty Knives**

# **Specialty Knives**

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



# Blade and Tip Handle

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





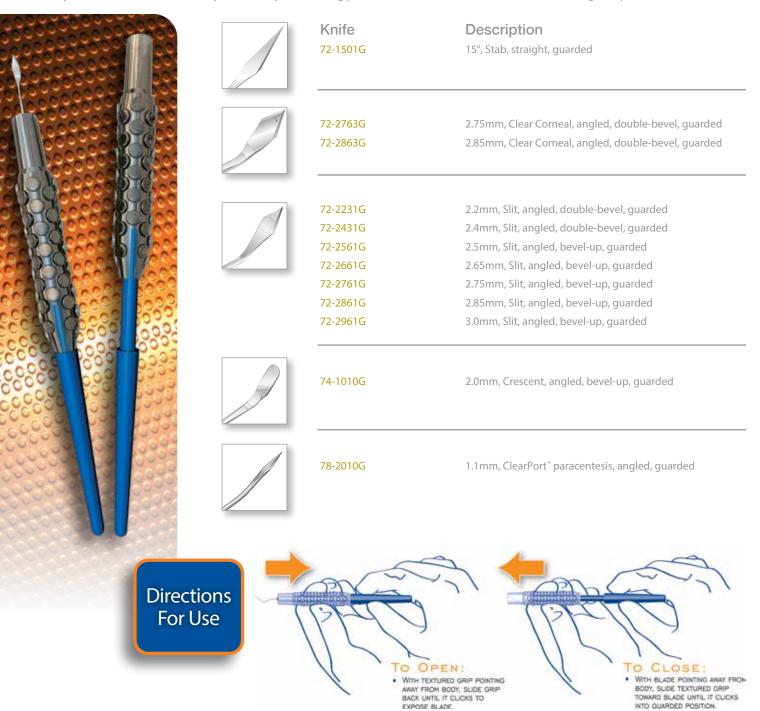
# **Guarded Knives**



The Protection You Want. The Precision You Need.

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

The SharpGuard<sup>™</sup> Guarded Knife features our top-quality Sharpoint<sup>™</sup> 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.



# SharpGuard<sup>™</sup>Guarded Knives

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



#### **Key Features**

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

#### Description

# Knife Stab

82-1501G	15°, Stab, straight, guarded
82-2201G	22.5°, Stab, straight, guarded
82-3001G	30°, Stab, straight, guarded
82-4501G	45°, Stab, straight, guarded

#### Clear Corneal



82-1361G 82-1661G	1.3mm, Clear Corneal, angled, with depth indicators 1.6mm, Clear Corneal, angled, with depth indicators
82-1863G	1.8mm, Clear Corneal, angled, with depth indicators
82-2263G	2.2mm, Clear Corneal, angled, with depth indicators
82-2463G	2.4mm, Clear Corneal, angled, with depth indicators
82-2663G	2.65mm, Clear Corneal, angled, with depth indicators
82-2763G	2.75mm, Clear Corneal, angled, with depth indicators
82-2863G	2.85mm, Clear Corneal, angled, with depth indicators
82-3061G	3.0mm, Clear Corneal, angled, with depth indicators

#### Slit



82-1461G	1.4mm, Slit, angled, bevel-up, guarded
82-1861G	1.8mm, Slit, angled, bevel-up, guarded
82-2261G	2.2mm, Slit, angled, bevel-up, guarded
82-2461G	2.4mm, Slit, angled, bevel-up, guarded
82-2561G	2.5mm, Slit, angled, bevel-up, guarded
82-2661G	2.65mm, Slit, angled, bevel-up, guarded
82-2761G	2.75mm, Slit, angled, bevel-up, guarded
82-2861G	2.85mm, Slit, angled, bevel-up, guarded
82-2961G	3.0mm, Slit, angled, bevel-up, guarded
82-2231G	2.2mm, Slit, angled, double-bevel, guarded
82-2431G	2.4mm, Slit, angled, double-bevel, guarded

#### Crescent



84-1000G	Sharptome full handle- Straight
84-1010G	2.0mm, Crescent, angled, bevel-up, guarded
84-1031G	Sharptome full handle- double-bevel, angled
84-6910G	1.25mm, Mini-Crescent Knife, angled

#### **Paracentesis**



88-2010G

1.1mm, ClearPort<sup>™</sup> paracentesis, angled, guarded



# **Suture Introduction**



- Precise, smooth penetration through tissue minimizes trauma
- Needle channel is fitted to the specific size of the suture material

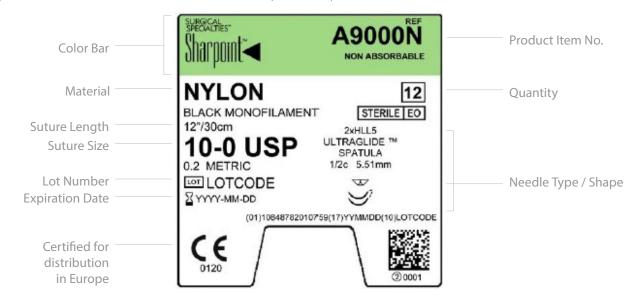
### How To Use Our Catalog

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<sup>™</sup> 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 -Side Cutting Lancet Size Indicates the U.S.P. Material Length 9-0 10-0 size for each DSL7 3/8 Circle Radius 2.79mm product code listed Length 6.60mm Chord 5.26mm A7718N A7717N Black Monofilament Curvature 131 Wire .20mm 12"/30cm 7718G 7717G TG140-8 Product numbers are color coded respectively as Sharpoint™ (dark blue), Ethicon™ (black), and Syneture™ (green). Sharpoint™ product code B or N denotes a box of 12: D denotes a box of 36. **Ethicon**<sup>™</sup> comparable product code Quantity - The last character in the **Syneture**<sup>™</sup> comparable product code Sharpoint<sup>™</sup> product code denotes the quantity per box

### 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.



### **UltraGlide<sup>™</sup> Needles**



Sharpoint™	Ethicon™	Syneture <sup>™</sup>	
Bicurve			4.00
BLL5	CSB-6		4.88mm
3/8 Circle			
DLL6	CS140-6	SE-140-6	6.15mm
1/2 Circle			5.54
HLL5	CS160-6	SE-160-6	5.51mm
HLL7	CS175-6		6,99mm
SINFINITE EL	06E		



Sharpoint™	Ethicon™	Syneture™	
3/8 Circle			
DSCM13	PC-1	P-13	13mm
DSCM16	PC-3	P-11	16mm

# **Center Point Spatula Needles**

**Precision Conventional Cutting** 

Needles



 $\triangle$ 

Sharpoint'	<sup>™</sup> Ethicon <sup>™</sup>	Syneture™	
1/4 Circle			
D05	RD-1	SS-24	8mm

### **Vas Cutting Needles**



Sharpoint™	Ethicon™	Syneture™	
3/8 Circle			
DVL04			4mm

# M.E.T.<sup>™</sup> Point Needles



Sharpoint™	Ethicon™	Syneture™	
3/8 Circle			
DRTM4			4mm
DRTM5	•		5mm
DRTM6	•	•	6mm

# **Side Cutting Lancet Needles**



$Sharpoint^{^{\!$	Ethicon™	Syneture <sup>™</sup>	
Bicurve			
BSL5	TG6-C	•	5.51mi
1/8 Circle			
SSL5	•	•	5.51mi
SSL15	•	•	14.99m
1/4 Circle			
VSL7	TG100-8	SE100-8	6.6mr
VSP8	S-29, S-24	SD-1, SS-24	8mm
VCL8	S-14	SS-14	8.51mi
3/8 Circle			
DVL04	TG140-04	SE140-04	4mm
DSL6	TG140-6	SE140-6	6.15mi
DSL7	TG140-8	SE140-8	6.6mn
1/2 Circle			0
HSL5	TG160-6	SE160-6	5.51mi
HSL7			7mm

# Precision Reverse Cutting Needles



Sharpoint™	Ethicon <sup>™</sup>	Syneture <sup>™</sup>	
3/8 Circle			
DSM7	G-6	HE-6	7mm



# **Needle Anatomy and Terminology**

### **Needle Terminology**

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

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

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

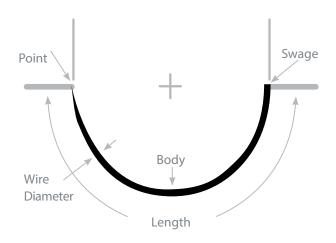
**Swage:** Connection point of the suture and the needle. Micro teeth grip the suture material and prevent it from slipping out.

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

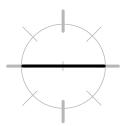
**Body:** The part between the point and the swage of the needle.

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

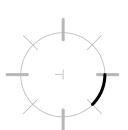
### **Needle Anatomy**



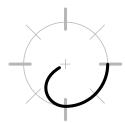
# **Needle Shapes and General Uses**



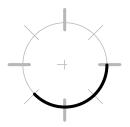
Straight: Skin Closure



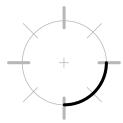
1/8 Circle: Ophthalmic



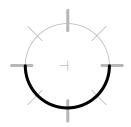
Bi-curve: Vasectomy Reversal, Ophthalmic



3/8 Circle: Skin Closure, Ophthalmic



1/4 Circle: Ophthalmic



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

# **Guide to Suture Material**

# **Absorbable**

Material	Material Description	BSR Profile	Mass Absorption	
POLYSYNTM (polyglycolic acid)	Braided Dyed (violet)  Monofilament (9-0 & 10-0 only)	In vivo strength retention: 50% at 14 days 20% at 21 days	Essentially complete between 50 and 90 days	
	Dyed (violet)     Coated & Uncoated  Common uses: Glaucoma Filtering			
Comparable to: VICRYL™	Surgery, Blephroplasty			
EXPRESS GUT  Comparable to:	Twisted Natural Packaged in Wetting Solution  Common uses: Skin Closure	In vivo strength retention: 40% at 5 days 0% at 10 days	Essentially complete by 30 days	
Fast Absorbing Gut Suture				
PLAIN GUT	Twisted Plain & Chromic Packaged in Wetting Solution  Common uses: Skin Closure	In vivo strength retention: Varies	Essentially complete by 30 days	
Comparable to: Fast Absorbing Gut Suture				

#### Non-Absorbable

Material	Material Description	Qualities
SILK  Comparable to: PERMA-HAND™ Silk	Braided Dyed (black) Coated  Common uses: General & Skin Closure, Plastic Surgery, Ophthalmology	Excellent handling and tying characteristics
NYLON™  Comparable to: ETHILON™	Monofilament Dyed (black)  Common uses: Vitrectomy, Corneal Transplant, Opthalmology	Passes easily through tissue
POLYPROPYLENE  Comparable to: PROLENE™	Monofilament • Dyed (blue)  Common uses: Opthalmology, IOL fixation	<ul><li>Inert</li><li>Easy to handle</li><li>Passes easily through tissue</li></ul>



# PolySyn™/Polyglycolic Acid

Side Cuttii	ng Lancet $^{\bigvee}$	abla					Size		
			Material	Length	9-0	8-0	7-0	6-0	5-0
VCL8	1/4 Circle Length 8.51mm Curvature 109	Radius 4.32mm Chord 7.28mm Wire .34mm	Violet Braided	18"/45cm				G570N J570G	
DSL7	3/8 Circle Length 6.6mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .2mm		18"/45cm			GA-546N J546G		
J 3				8"/20cm		GA-547N J547G			
			Violet Braided	10///22		GA-548N J548G			
				12"/30cm			GA-566N J566G		
DSL6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.83mm Wire .15mm	Violet Braided	12"/30cm		GA-974N J974G			
DVL04	3/8 Circle Length 4mm Curvature 145	Radius 1.68mm Chord 3.25mm Wire .10mm	Violet Monofilament	5"/13cm	GA-8760N D8760				
VSP8	1/4 Circle Length 8.51mm Curvature 109	Radius 4.32mm Chord 7.28mm Wire .34mm	Violet Braided						G553N J553G
VSP8	1/4 Circle Length 8.51mm Curvature 109	Radius 4.32mm Chord 7.28mm Wire .34mm		12"/30cm				G556N •	
		Violet Braided-	18"/45cm				G555N J555G		
VSL7	1/4 Circle Length 6.4mm Curvature	Radius 3.9mm Chord 5.89mm Wire .20mm	Violet Braided	18"/45cm				G544N J544G ●	

# PolySyn™/Polyglycolic Acid

M.E.T.™ Poi	M.E.T.™ Point Ѿ				Size		
			Material	Length	9-0	8-0	7-0
DRTM4	Length 4mm Curv	70 Microns vature 135	Violet Monofilament	5"/13cm	GA-402N V402G		
	limited supply						
DRTM5	Length 5mm Curv	00 Microns vature 135 lire .15mm	Violet Braided	5″/13cm		GA-405N V405G ●	
DRTM6		10 Microns vature 135	Violet Braided	5"/13cm		GA-401N V401G	

UltraGlide™ ✓✓					Size			
			Material	Length	10-0	9-0	8-0	
HLL5	1/2 Circle ength 5.5mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Violet Monofilament	12″/30cm	GA-448N V448G •			

# **Express Gut**

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

# **Plain Gut**

Precision Reverse Cutting $\mathbb V$				Size			
		Material	Length	6-0	5-0	4-0	
G-1	3/8 Circle Length 1mm		10"/15				
		Plain Gut	18"/45cm	B7770N			

# Nylon

Center Point Spatula 🕀				Size			
			Material	Length	6-0	5-0	4-0
DO5	1/4 Circle Length 8.00mm Curvature 90	Radius 5.10mm Chord 6.00mm Wire .33mm	Black Monofilament	18″/45cm		A749N 749G N2781	
RD-1 SS-24	* limited sup	pply					

Side Cut	ting Lancet 🕌				Size	
		Material	Length	10-0	9-0	8-0
BSL5	Bicurve Radius 1.52/2.79mm Length 5.51mm Chord 3.71mm Curvature 90/50 Wire .15mm	Black	6"/15cm	A2687N 7799G ●		
TG6-C		Monofilament	12″/30cm	A2522N •		
BSL5	Bicurve Radius 1.52/2.79mm Length 5.51mm Chord 3.71mm Curvature 90/50 Wire .15mm	Black	8"/20cm	A2524N •		
TG6-C		Monofilament	12"/30cm	A2525N 7799G ●		
BGL5	Bicurve Radius 1.52/2.79mm Length 4.88mm Chord 3.71mm Curvature 90/50 Wire 1.5mm	Black Monofilament	12"/30cm	A2675N •		
DSL6	3/8 Circle Radius 2.54mm Length 6.15mm Chord 4.83mm Curvature 135 Wire .15mm	Black	6"/15cm	A2683N •		
TG140-6		Monofilament	12"/30cm	A2533N •		
<b>DSL6</b> TG140-6	3/8 Circle Radius 2.54mm Length 6.15mm Chord 4.83mm Curvature 135 Wire .15mm	Black Monofilament	12"/30cm	A7770N 7770G		

Side Cutti	ng Lancet $ \overline{ackslash}$	abla			Size			
			Material	Length	10-0	9-0	8-0	
<b>DSL7</b> TG140-8	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12″/30cm	A2532N • •			
<b>DSL7</b> 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	1/2 Circle Length 5.51mm	Radius 2.03mm Chord 4.07mm	Black Monofilament	6"/15cm	A2534N •	A2681N •		
TG160-6	Curvature 150	Wire .15mm		12"/30cm	A2510N •			
HSL5	1/2 Circle Length 5.51mm	Radius 2.03mm Chord 4.07mm	Black Monofilament	6"/15cm	A7757N 7757G ●			
TG140-6	Curvature 150	Wire .15mm		12"/30cm	A7756N 7756G N2756K	A7760N 7760G		
HSL7	1/2 Circle Length 7.04mm Curvature 175	Radius 2.29mm Chord 4.71mm Wire .15mm	Black Monofilament	12"/30cm	A2519N • •			
HSL7	1/4 Circle Length 5mm Curvature	Radius 2.18mm Chord 3.63mm Wire .1mm	Black Monofilament	5″/13cm		A0819N •		

# Nylon

UltraGlide™	$\bigvee$				Size			
			Material	Length	11-0	10-0	9-0	
DLL6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.82mm Wire .15mm	Black Monofilament	4"/10cm		A9060N 9060G		
CS140-6 SE-140-6			Monofilament			•		
<b>DLL6</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		A9003N 9003G •		
HLL5  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		A9061N 9061G •		
HLL5	1/2 Circle Length 5.51mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Black	6″/15cm	A9016N 9016G •	A9001N 9001G		
CS160-6 SE-160-6			Monofilament	12″/30cm		A9000N 9000G		
HLL7	1/2 Circle Length 6.99mm Curvature 175	Radius 2.29mm Chord 4.57mm Wire .15mm	Black Monofilament	12"/30cm		A9032N 9032G •		

Side Cuttin	g Lancet $ abla$	$\nabla$			Size			
			Material	Length	8-0	7-0	6-0	
VSP8  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			D1780N 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	D2552N † •			
DSL7	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black	12"/30cm	D2526N 599G •			
J.			Braided	18"/45cm		D7733N 7733G S1768K		
TG140-8 SE-140-8			Blue Braided Virgin	18"/45cm	D2550N † •			

f Not sold in U.S.A.

Precision F	Precision Reverse Cutting 🔻				Size				
			Material	Length	9-0	8-0	7-0	6-0	5-0
<b>DSM8</b> G-6 HE-6	8mm 3/8 Circle	Wire .23mm	Black Braided	12"/30cm			D2680N • \$1768K		
<b>DSM8</b> G-6 HE-6	8mm 3/8 Circle	Wire .23mm	Black Braided	18"/45cm			D0191N • \$1768K	D769N •	
HSM8	8mm 1/2 Circle	Wire .23mm	Black Braided	18"/45cm				D765N 765G •	

# **Polypropylene**

Side Cutti	ng Lancet $ abla$	abla			Size			
			Material	Length	10-0	9-0	8-0	
SSL5	1/8 Circle Length 5.51mm Curvature 50	Radius 6.35mm Chord 5.35mm Wire .15mm	Blue Monofilament	2"/5cm	J2560N •			
SSL15		Radius 16.51mm Chord 14.49mm Wire .23mm	Blue Monofilament	3″/7.5cm	J2559N • •			
- in a second				6"/15cm		J2558N • •		
<b>DSL6</b> TG140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 5.35mm Wire .15mm	Blue Monofilament	12"/30cm	J1710N 1710G •			
<b>DSL6</b> TG140-6	1/2 Circle Length 5.51mm Curvature 150	Radius 2.03mm Chord 4.07mm Wire .15mm	Blue Monofilament	12"/30cm	J2529N 7761G PZ756K			

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

Needleless Suture (GATT)				Size			
	Material	Length	9-0	8-0	7-0	6-0	
Q	Blue Monofilament Twisted	6"/15cm				J2626	

# 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

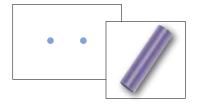
Item Number	Description
PPLUG4	0.4mm plug / Inserter
PPLUG5	0.5mm plug / Inserter
PPLUG6	0.6mm plug / Inserter
PPLUG7	0.7mm plug / Inserter
PPLUG8	0.8mm plug / Inserter



# UltraPlug™ Extended Wear Synthetic Absorbable Punctal Plugs

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

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



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

# UltraPlug<sup>™</sup> Collagen Absorbable Punctal Plugs<sup>\*</sup>

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 punctual occlusion
- Each individually packaged card contains 6 plugs
- Essentially absorbed within 7 to 10 days

#### Item Number Description

C-PLUG2 0.2mm diameter /2.0mm length
C-PLUG3 0.3mm diameter /2.0mm length
C-PLUG4 0.4mm diameter /2.0mm length

C-PLUG-V 4 cards each of 3 different sizes - 0.2, 0.3, 0.4mm diameter /2.0mm length





<sup>\*</sup>UltraPlug™ Collagen Absorbable Punctal Plugs are not CE marked.

# **Trephines\***

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

	Item Number 11840	Description  Vacuum Trephine - All metal, ergonomic design and ultra sharp blade with cross hairs. Designed for full-penetrating keratoplasty; Sterile; Single use; 1 piece/box
	11850	Donor Punch Set - Unique design providing precise control and full visualization throughout the procedure; Sterile; Single use; 1 set/box
$\bigoplus \oplus$	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			•	•	•	•	•	•	•	•	•	•	•	•	•	

 $<sup>^{\</sup>ast}$  Available only in North & South America (except Brazil), where approved



For more information or to place an order, contact your local Sharpoint™ sales representative or our customer service team at: 877.991.1110 (USA and Canada only), +1.610.404.3520 (International), or visit CaliberOphthalmics.com

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