



OPHTHALMIC PRODUCT CATALOG

EMPOWERING EXCELLENCE



A rich history empowering a bright future.

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

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



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**SURGICAL
 SPECIALTIES**
 CORPORATION™



Clear Control 3D™ Plus

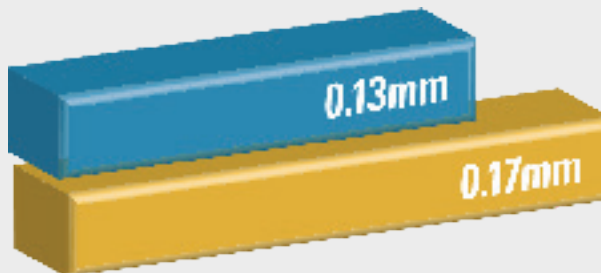
Sharpness is one thing, control is everything



Blade Thickness

Clear Control 3D Plus Knife vs. Standard Slit Knife¹

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



22% Thinner

¹ Comparative study on file of Surgical Specialties Corporation knives. Average values reported.

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

ClearPort™ ParacentesisKnives

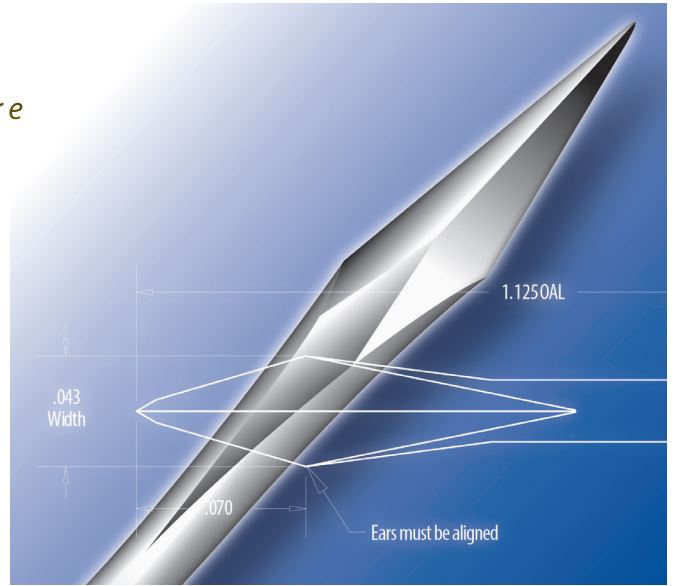
Technology = Superior Wound Architecture

Exceptional Wound Architecture

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

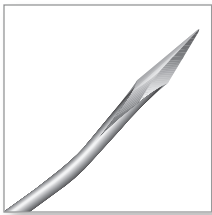
Blade Geometry

and choice of sizes allows for precise cannula fit



ClearPort™ Paracentesis Knives

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



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

*Features SharpGuard™ Guarded Handle. 5 per box.

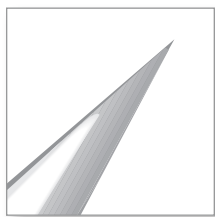
Stab Knives

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



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

*Features SharpGuard™ Guarded Handle. 5 per box.



Knife
72-1531
72-1551
72-3036

Blade/Tip
72-1532
72-1552
-

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



Knife
72-1001

Description
1.0mm Paracentesis, straight, single bevel

Clear Corneal Phaco Incision Knives

Exceptional Wound Architecture

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

Blade Profile

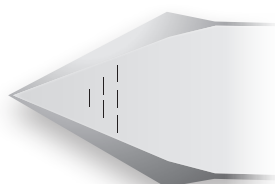
Thinner blade is designed for minimal effect on astigmatism, and to promote re-epithelialization. Short blade length reduces risk of induced trauma.

Unique Patented Depth Indicators

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

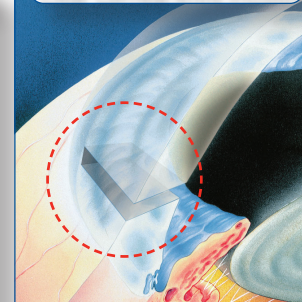
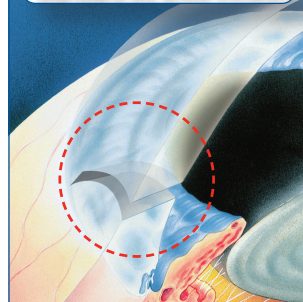
Clear Corneal Knife - Top View

Clear Corneal Knife - Bottom View



Standard slit knife incision

Clear Corneal knife incision



Clear Corneal Knives, Double-Bevel

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

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

Description

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

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

Clear Corneal Knives, Double-Bevel, Parallel Sides

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.



Knife

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

Description

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

Phaco Incision Knives

Slit Knives, Bevel-Up

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



Knife	Blade/Tip	Description
72-2261	-	2.2mm, angled, bevel-up
72-2461	-	2.4mm, angled, bevel-up
72-2561	-	2.5mm, angled, bevel-up
72-2561G*	-	2.5mm, angled, bevel-up, guarded
72-2661	-	2.65mm, angled, bevel-up
72-2661G*	-	2.65mm, angled, bevel-up, guarded
72-2761	72-2762	2.75mm, angled, bevel-up
72-2761G*	-	2.75mm, angled, bevel-up, guarded
72-2861	72-2862	2.85mm, angled, bevel-up
72-2861G*	-	2.85mm, angled, bevel-up, guarded
72-2961	-	3.0mm, angled, bevel-up
72-2961G*	-	3.0mm, angled, bevel-up, guarded
72-3261	-	3.2mm, angled, bevel-up
72-4561	-	4.5mm, angled, bevel-up

*Features SharpGuard™ Guarded Handle. 5 per box.

Slit Knives, Double-Bevel

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



Knife	Description
72-1831	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

*Features SharpGuard™ Guarded Handle. 5 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™ 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™ 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

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

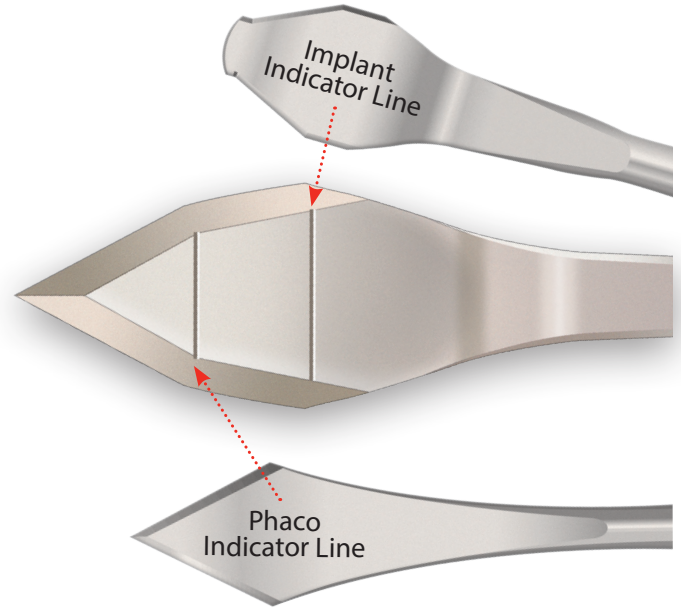
Allows surgeon to enlarge the phaco incision to a consistent, precise width for IOL insertion

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



Knife

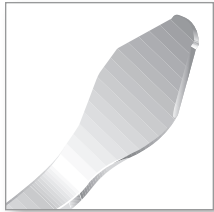
75-1214
75-1517
75-1520
75-1720
75-2022
75-2522
75-2723
75-2724
75-2725
75-2824
75-2826

Description

1.2 - 1.4mm, angled, width indicator
1.5 - 1.7mm, angled, width indicator
1.5 - 2.0mm, angled, width indicator
1.7 - 2.0mm, angled, width indicator
2.0 - 2.2mm, angled, width indicator
2.5 - 2.9mm, angled, width indicator
2.75 - 3.0mm, angled, width indicator
2.75 - 3.2mm, angled, width indicator
2.75 - 3.5mm, angled, width indicator
2.85 - 3.2mm, angled, width indicator
2.85 - 3.75mm, angled, width indicator

Pilot Tip™ Implant Knives, Bevel-Up

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



Knife

76-5361

76-5161

76-5561

Description

3.2mm, angled, bevel-up

5.2mm, angled, bevel-up

5.5mm, angled, bevel-up

Implant Knives, Bevel-Up

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



Knife

76-4061

76-5261

Description

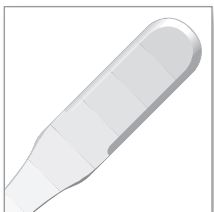
4.0mm, angled, bevel-up

5.2mm, angled, bevel-up

Crescent Knives

Sharptome™ Crescent Knives

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



Knife

74-1000

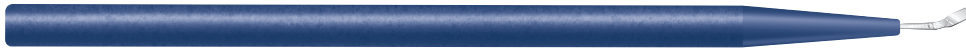
Blade/Tip

74-5000

Description

2.0mm, straight

Crescent Knives *(cont'd)*



Knife

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

SharpPoint™ 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

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

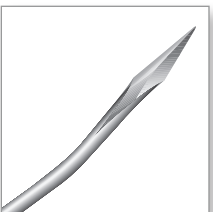


Knife

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

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

Description

300 µm straight, full handle

350 µm straight, full handle

550 µm straight, full handle

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

72-0301

72-0401

Description

300 µm straight, full handle

450 µm straight, full handle

Specialty Knives

Spoon Knives, Double-Bevel

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



Knife

74-2261

74-3061

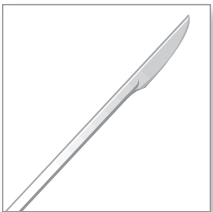
Description

2.2mm, angled, double-bevel

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

78-6810

Description

Needle blade, straight, 4.0mm cutting edge



Knife

-

Blade/Tip

78-5700

Description

Scleral blade, straight



Knife

-

Blade/Tip

78-6600

Description

2.3mm, Lamellar blade, angled, bevel-up

Specialty Knives

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



Knife

-

Blade/Tip

78-6900

Description

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

Blade and Tip Handle

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



Handle

92-9003

Description

16cm Length

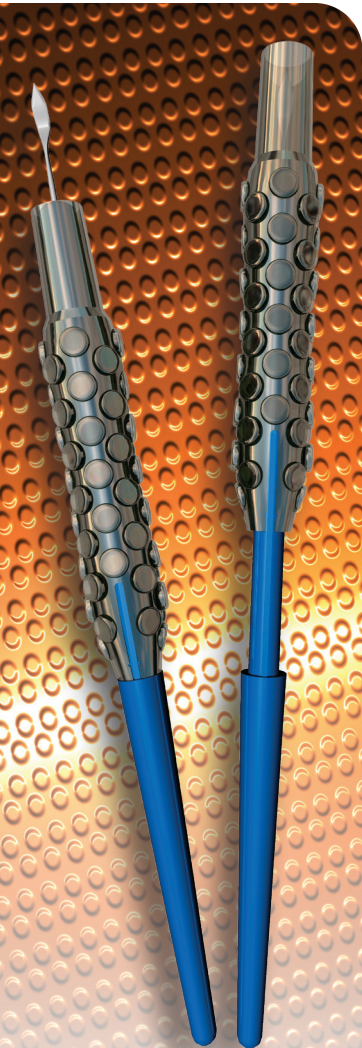
Guarded Knives



The Protection You Want.
The Precision You Need.

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

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



Knife

72-1501G

Description

15°, Stab, straight, guarded

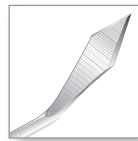


72-2763G

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

72-2863G

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



72-2231G

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

72-2431G

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

72-2561G

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

72-2661G

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

72-2761G

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

72-2861G

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

72-2961G

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



74-1010G

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



78-2010G

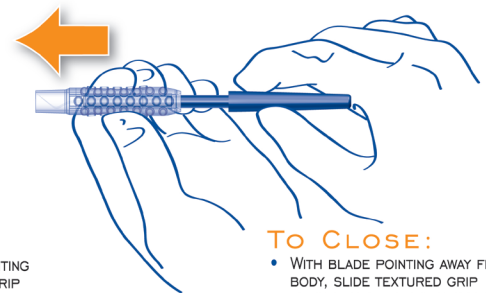
1.1mm, ClearPort™ paracentesis, angled, guarded

**Directions
For Use**



TO OPEN:

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

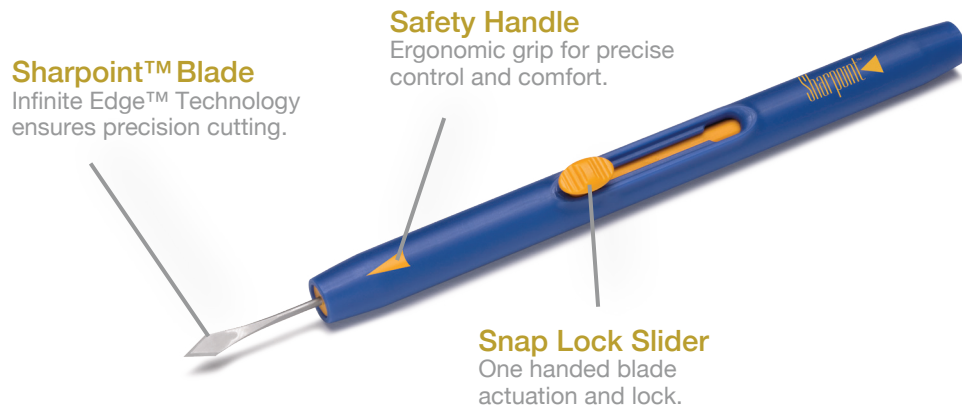


TO CLOSE:

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



SharpGuard™ Guarded Knives

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



Key Features

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

	Knife	Description
	Stab 82-1501G 82-2201G 82-3001G 82-4501G	15°, Stab, straight, guarded 22.5°, Stab, straight, guarded 30°, Stab, straight, guarded 45°, Stab, straight, guarded
	Clear Corneal 82-2763G 82-2863G	2.75mm, Clear Corneal, angled, double-bevel, guarded 2.85mm, Clear Corneal, angled, double-bevel, guarded
	Slit 82-2231G 82-2431G 82-2561G 82-2661G 82-2761G 82-2861G 82-2961G	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
	Crescent 84-1010G	2.0mm, Crescent, angled, bevel-up, guarded
	Paracentesis 88-2010G	1.1mm, ClearPort™ paracentesis, angled, guarded

Suture 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

Side Cutting Lancet 

			Material	Length	10-0	9-0	8-0
DSL7	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm	A7718N 7718G	A7717N 7717G	

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

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 of the label.

Material - Points to the 'NYLON' text.

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

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

Lot Number - Points to 'LOT LOTCODE'.

Expiration Date - Points to 'YYYY-MM-DD'.

Certified for distribution in Europe - Points to the CE mark.

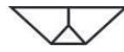
Product Item No. - Points to 'A9000N'.

Quantity - Points to the '12' in a box.

Needle Type / Shape - Points to '2XHGL5 ULTRAGLIDE™ SPATULA 1/2c 5.51mm'.

Other label details include: 'SURGICAL SPECIALTIES™', 'NON ABSORBABLE', 'STERILE EO', '0120', and a QR code with '0001' below it.

UltraGlide™ Needles



Sharpoint™	Ethicon™	Syneture™	
Bicurve			
BLL5	CSB-6	.	4.88mm
3/8 Circle			
DLL6	CS140-6	SE-140-6	6.15mm
1/2 Circle			
HLL5	CS160-6	SE-160-6	5.51mm
HLL7	CS175-6	.	6.99mm



Side Cutting Lancet Needles



Sharpoint™	Ethicon™	Syneture™	
Bicurve			
BSL5	TG6-C	.	5.51mm
1/8 Circle			
SSL5	.	.	5.51mm
SSL15	.	.	14.99mm
1/4 Circle			
VSL7	TG100-8	SE100-8	6.6mm
VSP8	S-29, S-24	SD-1, SS-24	8mm
VCL8	S-14	SS-14	8.51mm
3/8 Circle			
DVL04	TG140-04	SE140-04	4mm
DSL6	TG140-6	SE140-6	6.15mm
DSL7	TG140-8	SE140-8	6.6mm
1/2 Circle			
HSL5	TG160-6	SE160-6	5.51mm
HSL7	.	.	7mm

Precision Reverse Cutting Needles



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

Precision Conventional Cutting Needles



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

Center Point Spatula Needles



Sharpoint™	Ethicon™	Syneture™	
1/4 Circle			
D05	RD-1	SS-24	8mm

Vas Cutting Needles



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

M.E.T.™ Point Needles



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

Needle Anatomy and Terminology

Needle Terminology

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

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

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

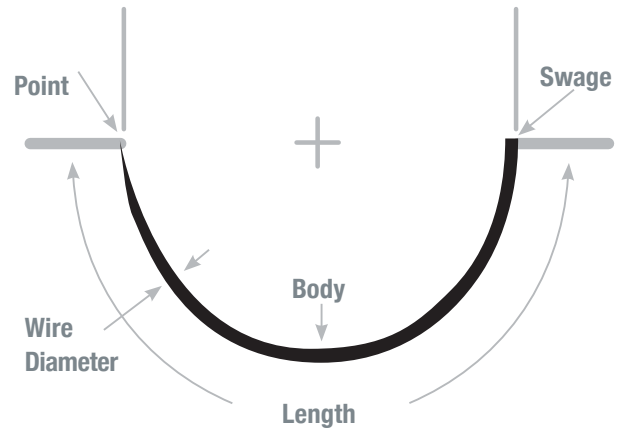
Swage: Connection point of the suture and the needle. Micro teeth grip the suture material and prevent it from slipping out.

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

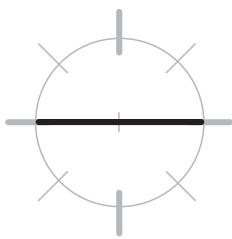
Body: The part between the point and the swage of the needle.

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

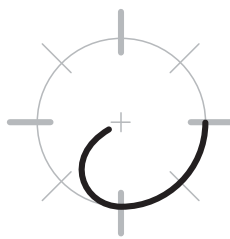
Needle Anatomy



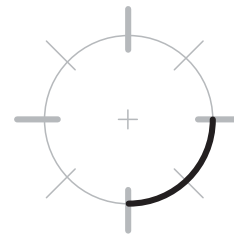
Needle Shapes and General Uses



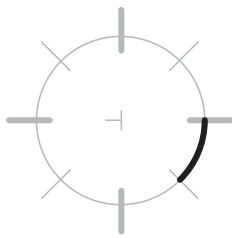
Straight: Skin Closure



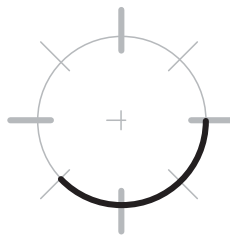
Bi-curve: Vasectomy Reversal, Ophthalmic



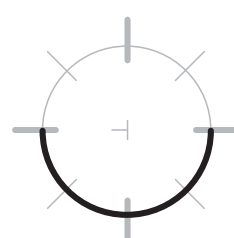
1/4 Circle: Ophthalmic



1/8 Circle: Ophthalmic



3/8 Circle: Skin Closure, Ophthalmic



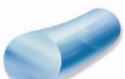


1/2 Circle: Skin Closure, GI, Cardiovascular, Ophthalmic


Absorbable

Material	Material Description	BSR Profile	Mass Absorption
POLYSYN™ (polyglycolic acid)	Braided <ul style="list-style-type: none"> • Dyed (violet) 	In vivo strength retention: 50% at 14 days 20% at 21 days	Essentially complete between 50 and 90 days
  Comparable to: VICRYL™	Monofilament (9-0 & 10-0 only) <ul style="list-style-type: none"> • Dyed (violet) • Coated & Uncoated Common uses: Glaucoma Filtering Surgery, Blephroplasty		

Non-Absorbable

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




PolySyn™/Polyglycolic Acid

Side Cutting Lancet 				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	Violet Braided	18"/45cm			GA-546N J546G •		
				8"/20cm		GA-547N J547G •			
				12"/30cm		GA-548N J548G •			
							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 • •


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

M.E.T.™ Point

			Size				
			Material	Length	9-0	8-0	7-0
DRTM4 	3/8 Circle Length 4mm limited supply	70 Microns Curvature 135	Violet Monofilament	5"/13cm	GA-402N V402G •		
DRTM5 	3/8 Circle Length 5mm	100 Microns Curvature 135 Wire .15mm	Violet Braided	5"/13cm		GA-405N V405G •	
DRTM6 	3/8 Circle Length 6mm	140 Microns Curvature 135	Violet Braided	5"/13cm		GA-401N V401G •	


UltraGlide™

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

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

Center Point Spatula




			Size		
			6-0	5-0	4-0
		Material	Length		
DO5  RD-1 SS-24	1/4 Circle Length 8.00mm Curvature 90	Radius 5.10mm Chord 6.00mm Wire .33mm	Black Monofilament	18"/45cm	A749N 749G N2781
					limited supply

Side Cutting Lancet

			Size		
			10-0	9-0	8-0
		Material	Length		
BSL5  TG6-C	Bicurve Length 5.51mm Curvature 90/50	Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	A2687N 7799G .	
				6"/15cm	A2522N . .
BSL5  TG6-C	Bicurve Length 5.51mm Curvature 90/50	Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	8"/20cm	A2524N . .
				12"/30cm	A2525N 7799G .
BGL5  CSB-6	Bicurve Length 4.88mm Curvature 90/50	Radius 1.52/2.79mm Chord 3.71mm Wire 1.5mm	Black Monofilament	12"/30cm	A2675N . .
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 .

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






Side Cutting Lancet

			Size				
			Material	Length	10-0	9-0	8-0
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  TG140-6	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  TG140-6	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

UltraGlide™ 

				Size		
		Material	Length	11-0	10-0	9-0
DLL6  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	A9060N 9060G •	
DLL6  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  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	A9016N 9016G •	A9001N 9001G •
				12"/30cm	A9000N 9000G •	
HLL7  CS175-8	1/2 Circle Length 6.99mm Curvature 175	Radius 2.29mm Chord 4.57mm Wire .15mm	Black Monofilament	12"/30cm	A9032N 9032G •	




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

Side Cutting Lancet 

				Size		
		Material	Length	8-0	7-0	6-0
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
DSL6  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  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	D2526N 599G •	
				18"/45cm	D7733N 7733G S1768K	
				18"/45cm	D2550N † •	

† Not sold in U.S.A.

Precision Reverse Cutting 

				Size				
		Material	Length	9-0	8-0	7-0	6-0	5-0
DSM8  G-6 HE-6	8mm 3/8 Circle	Wire .23mm	Black Braided	12"/30cm		D2680N 768G S1768K		
DSM8  G-6 HE-6	8mm 3/8 Circle	Wire .23mm	Black Braided	18"/45cm		D0191N • S1768K	D769N 769G •	
HSM8 	8mm 1/2 Circle	Wire .23mm	Black Braided	18"/45cm			D765N	

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.

Polypropylene

Side Cutting Lancet

			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	1/8 Circle Length 14.99mm Curvature 50	Radius 16.51mm Chord 14.49mm Wire .23mm	Blue Monofilament	3"/7.5cm	J2559N • •		
				6"/15cm		J2558N • •	
DSL6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 5.35mm Wire .15mm	Blue Monofilament	12"/30cm	J1710N 1710G •		
DSL6	1/2 Circle Length 5.51mm Curvature 150	Radius 2.03mm Chord 4.07mm Wire .15mm	Blue Monofilament	12"/30cm	J2529N 7794G PZ756K		

UltraGlide™

			Size			
		Material	Length	9-0	8-0	7-0
HLL5	5.51mm 1/2 Circle					
		Blue Monofilament	6"/15cm	J2625N • •		

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™ Silicone Punctal Plugs

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

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

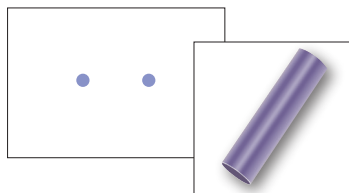
Item Number	Description
PPLUG4	0.4mm plug / Inserter
PPLUG5	0.5mm plug / Inserter
PPLUG6	0.6mm plug / Inserter
PPLUG7	0.7mm plug / Inserter
PPLUG8	0.8mm plug / Inserter



UltraPlug™ Extended Wear Synthetic Absorbable Punctal Plugs

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

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

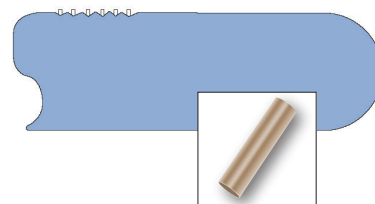


Item Number	Description
EPLUG2	0.2mm diameter /2.0mm length
EPLUG3	0.3mm diameter /2.0mm length
EPLUG4	0.4mm diameter /2.0mm length
EPLUG5	0.5mm diameter /2.0mm length

UltraPlug™ Collagen Absorbable Punctal Plugs*

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

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



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

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

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



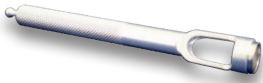
11850

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



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		
11850		
11901
11903		

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



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