



A PROGRESSIVE LEGACY OF

PRECISION PERFORMANCE



SharpPoint™ Ophthalmic Products Catalog

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

Visit SurgicalSpecialties.com For More Information

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SURGICAL
SPECIALTIES
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Ophthalmic Knives

Paracentesis Incision Knives

ClearPort™ Paracentesis Knives..... 1

Stab Knives 1

Groove & Limbal Relaxation Incision Knives

Precision Depth Knives 2

Restricted Depth Knives 2

Phaco Incision Knives

Clear Control 3D™ Knives..... 3

Clear Corneal Knives, Double-Bevel 4

Clear Corneal Knives, Double-Bevel, Parallel Sides 4

Slit Knives, Bevel-Up..... 5

Slit Knives, Double-Bevel 5

Slit Knives, Bevel-Up, Parallel Sides 6

Slit Knives, Single-Bevel 6

IQ Geometry™ ClearTrap™ Knives, Bevel-Up 6

Phaco/Implant Incision Knives

ClearTrap™ Trapezoid Clear Corneal/
Implant Knives, Bevel-Up..... 7

Pilot Tip™ Implant Knives, Bevel-Up..... 8

Implant Knives, Bevel-Up..... 8

Crescent Knives

Sharptome™ Crescent Knives..... 9

Mini-Crescent Knives 9

Vitrectomy Knives

Vitrectomy Knives..... 10

Specialty Knives

Spoon Knives, Double-Bevel 11

Specialty Knives..... 11

Blade and Tip Handle 12

Guarded Knives

SharpGuard™ Guarded Knives..... 13

Ophthalmic Sutures

Introduction, Charts and Box Labels..... 15

Ophthalmic Needle Profile Chart 16

Needle Specifications Chart 17

Suture Materials Chart..... 18

Plain Gut Sutures 19

Chromic Gut Sutures 19

PolySyn™ (Polyglycolic Acid) Sutures 20

Polyviolene™ (Polyester) Sutures..... 22

Nylon Sutures..... 23

Silk Sutures 26

Polypropylene Sutures..... 28

UltraPlug™ Punctal Plugs

Dry Eye Management

UltraPlug™ Punctal Plugs, Silicone..... 30

UltraPlug™ Punctal Plugs,
Extended Wear Synthetic Absorbable..... 30

UltraPlug™ Punctal Plugs, Collagen Absorbable..... 31

Cornea Products

Cornea Products

Trephines 32

Knives 33

UltraGlide™ Sutures 34

SharpPoint™ SOLO™

I/A Handpiece 35

Single Use Instruments 36

Paracentesis Incision Knives

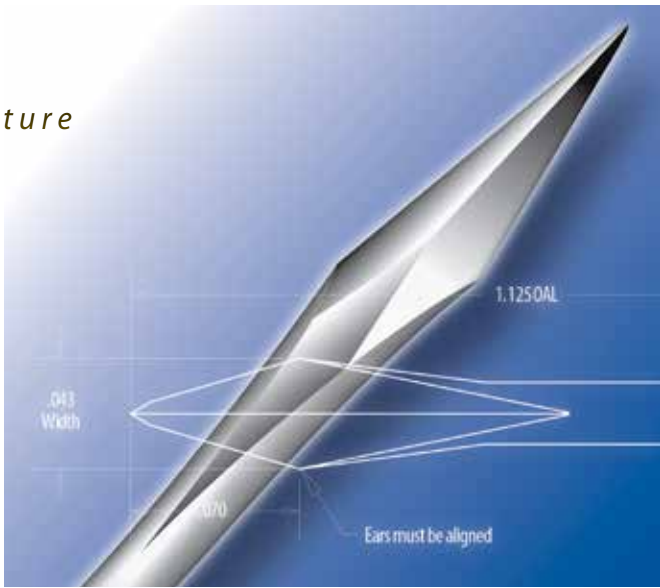
ClearPort™ Paracentesis Knives
Technology = Superior Wound Architecture

Exceptional Wound Architecture

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

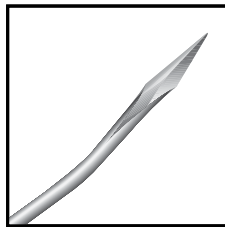
Blade Geometry

and choice of sizes allows for precise cannula fit



ClearPort™ Paracentesis Knives

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

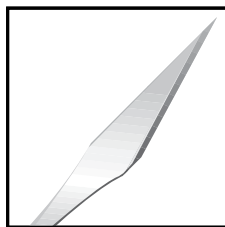


Knife	Description		Maximum Instrument Size
78-2310	0.8mm	Angled	23g
78-2010	1.1mm	Angled	20g
78-2010G	1.1mm	Angled*	20g
78-2019	1.4mm	Angled, 1.0mm & 1.2mm indicator lines	19g

*Features SharpGuard™ Guarded Handle

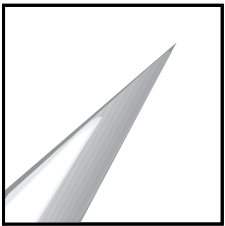
Stab Knives

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

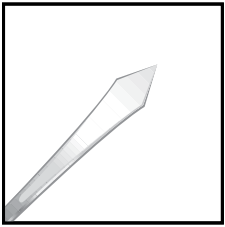


Knife	Blade/Tip	Description
72-1501	72-1502	15° Straight
72-1501G	•	15° Straight*
72-1591	•	15° Right angled
72-2201	72-2202	22.5° Straight
72-3001	72-3002	30° Straight
72-4501	72-4502	45° Straight

*Features SharpGuard™ Guarded Handle



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

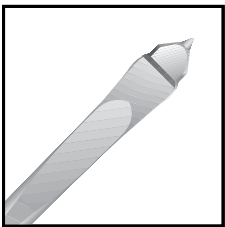


Knife	Description
72-1001	1.0mm Paracentesis, straight, single bevel

Groove & Limbal Relaxation Incision Knives

Precision Depth Knives

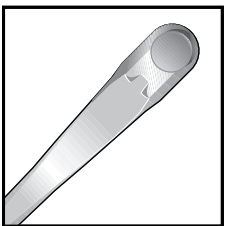
SharpPoint™ precision depth knives are designed to create groove and limbal relaxing incisions. Single formed design ensures precision accuracy. Dual cutting edges allow for incisions in left or right directions. 6 per box.



Knife	Description
72-0303	300 μm Straight, full handle
72-3503	350 μm Straight, full handle
72-5503	550 μm Straight, full handle
72-6003	600 μm Straight, full handle

Restricted Depth Knives

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



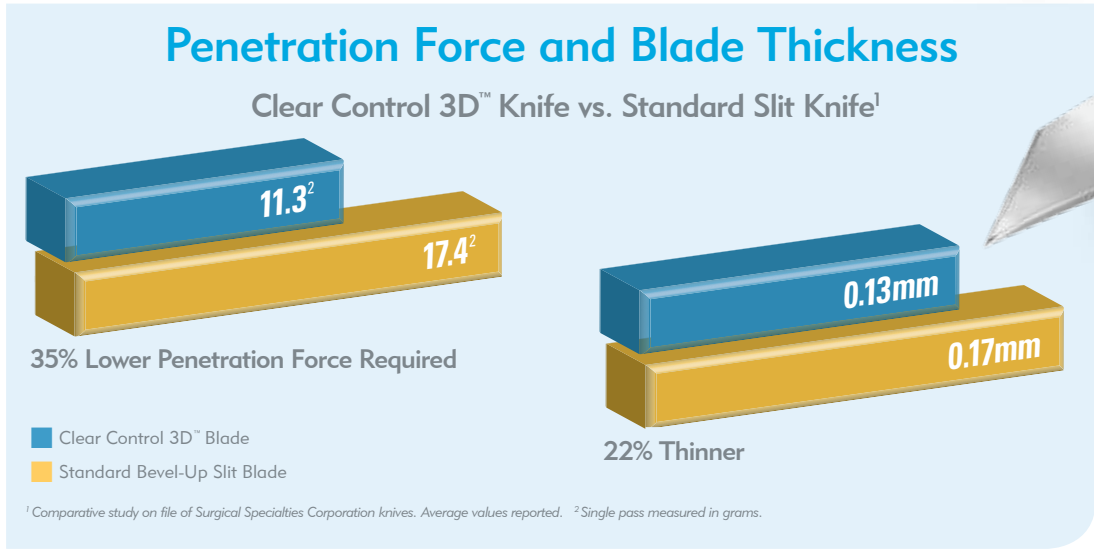
Knife	Description
72-0301	300 μm Straight, full handle
72-0401	450 μm Straight, full handle



Phaco Incision Knives

Clear Control^{3D}[™]

Sharpness is one thing, control is everything

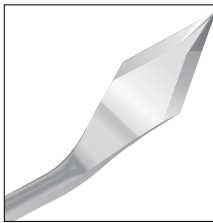


Clear Control 3D[™] Slit Knives

Sharpoint[™] 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
72-1650	•	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

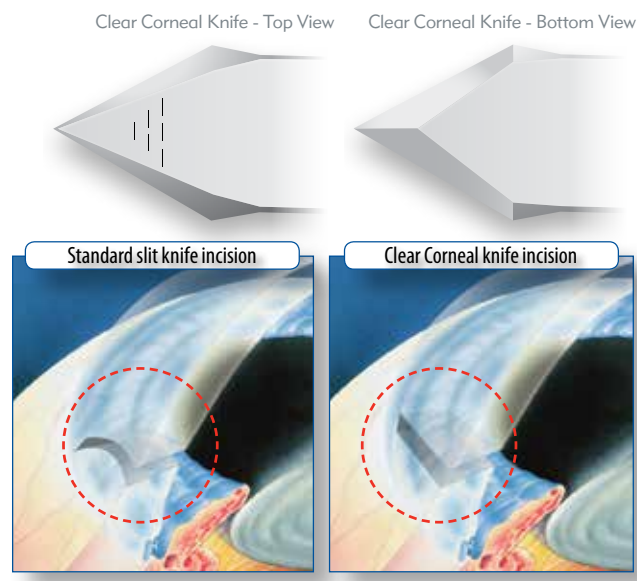
Tapered bevels are designed to bend and incise tissue, resulting in a straight incision that is more self-sealing.

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 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 depth indicator
72-1863	1.8mm, Angled, double-bevel, 1.5mm depth indicator
72-2263	2.2mm, Angled, double-bevel, 1.5mm & 1.75mm depth indicator
72-2463	2.4mm, Angled, double-bevel, depth 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
72-4963	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.**



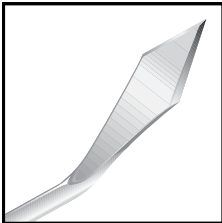
Knife	Description
72-2635	2.65mm, Angled, double-bevel, depth indicators
72-2735	2.75mm, Angled, double-bevel, depth indicators
72-2835	2.85mm, Angled, double-bevel, depth indicators
72-3035	3.0mm, Angled, double-bevel, depth indicators



Phaco Incision Knives

Slit Knives, Bevel-Up

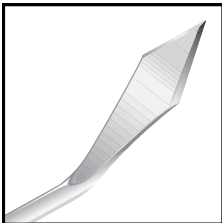
Sharpoint™ angled, bevel up precision slit knives penetrate easily while creating an accurate width incision for optimal fit to the phacoemulsification tip. **6 per box.**



Knife	Blade/Tip	Description
72-1861	•	1.8mm, Angled, bevel-up
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	72-3262	3.2mm, Angled, bevel-up
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

Sharpoint™ 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

Phaco Incision Knives

Slit Knives, Bevel-Up, Parallel Sides

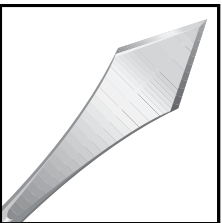
Sharpoint™ slit knives with parallel sides feature a single bevel design with side cutting ability. **6 per box.**



Knife	Description
72-2912	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

IQ Geometry™ ClearTrap™ Knives, Bevel-Up

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



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

Phaco / Implant Incision Knives

Trapezoid Design

Yields phaco and implant incisions in one knife

Consistency

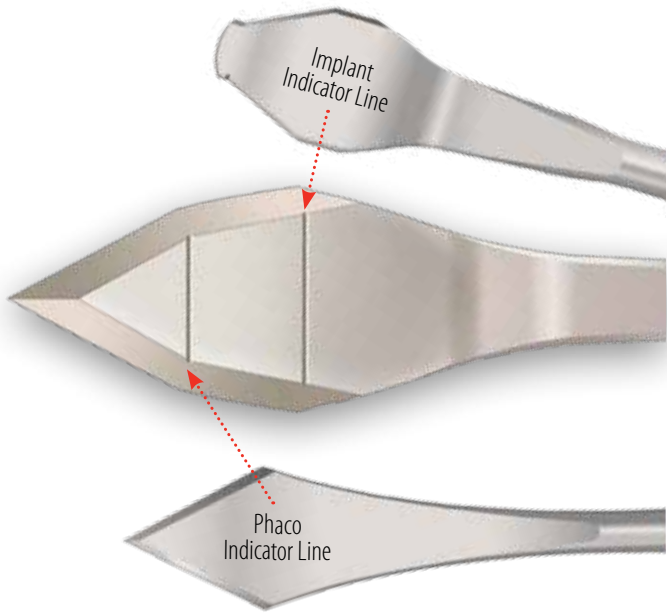
Allows surgeon to enlarge the phaco incision to a consistent, precise width for IOL insertion

Wound Integrity

Designed to maintain wound integrity by eliminating the implant knife

Indicator Lines

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



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

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.**

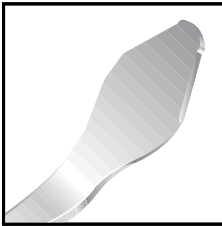


Knife	Description
75-1214	1.2 - 1.4mm, Angled, width indicator
75-1517	1.5 - 1.7mm, Angled, width indicator
75-1520	1.5 - 2.0mm, Angled, width indicator
75-1618	1.6 - 1.8mm, Angled, width indicator
75-1720	1.7 - 2.0mm, Angled, width indicator
75-2022	2.0 - 2.2mm, Angled, width indicator
75-2522	2.5 - 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
75-2826	2.85 - 3.75mm, Angled, width indicator

Implant Incision Knives

Pilot Tip™ Implant Knives, Bevel-Up

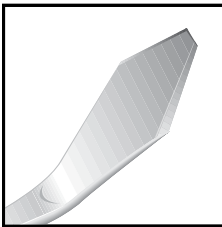
Sharpoint™ Pilot Tip™ implant knives are designed to follow the slit blade incision easily while the cutting edges create a precise opening for lens insertion. **6 per box.**



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.**



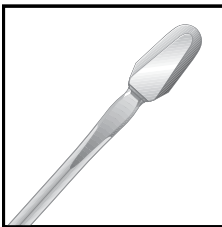
Knife	Blade/Tip	Description
74-1000	74-5000	2.0mm, Straight



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.**

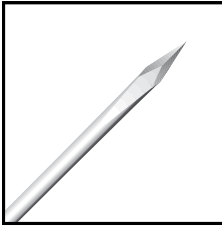


Knife	Description
74-6910	1.25mm, Angled, double-bevel

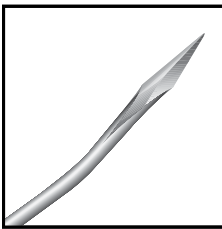
Vitrectomy Knives

Vitrectomy Knives

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



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

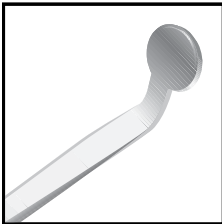


Knife	Description
71-2061	20 gauge, Angled

Specialty Knives

Spoon Knives, Double-Bevel

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



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

Specialty Knives

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



Knife	Description
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

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



Knife	Blade/Tip	Description
•	78-6900	Micro-blade, straight, double-bevel, sharp all around

Blade and Tip Handle

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



Handle	Description
92-9003	16cm Length

Guarded Knives



The Protection You Want.
The Precision You Need.

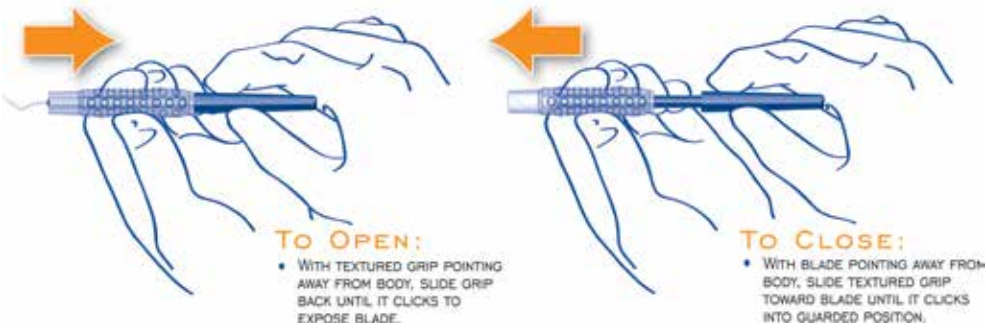
- Guarded sheath is designed to eliminate or minimize sharps injuries
- Features quality Sharpoint™ blades
- Ergonomic grip is designed for precise control and comfort
- Evaluate today as part of your OSHA Exposure Control Plan (ECP)

The SharpGuard™ Guarded Knife features our top-quality Sharpoint™ 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.**



Directions
For Use

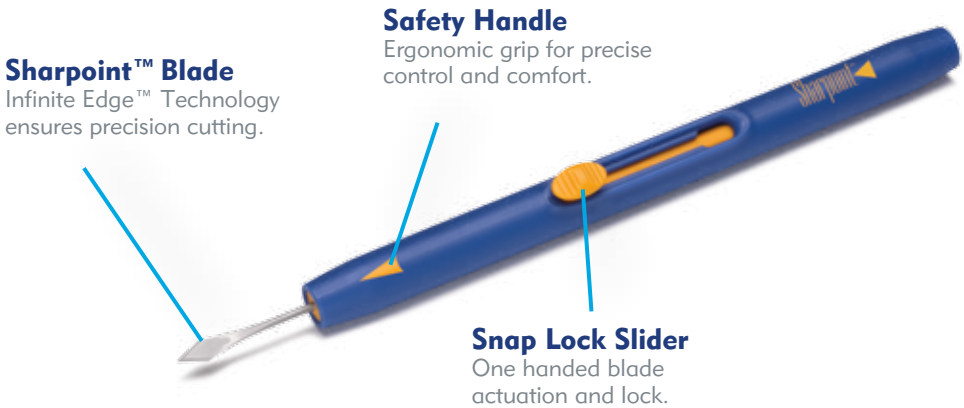
Knife	Description
72-1501G	15°, Stab, straight, guarded
72-2763G	2.75mm, Clear Corneal, angled, double-bevel, guarded
72-2863G	2.85mm, Clear Corneal, angled, double-bevel, guarded
72-2231G	2.2mm, Slit angled, double-bevel, guarded
72-2431G	2.4mm, Slit angled, double-bevel, guarded
72-2561G	2.5mm, Slit 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



Guarded Knives

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	15°, 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



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

Needle Geometry - Type of Needle with tip geometry

Material - Color and style of suture

Length - Length in inches/centimeters

DermaGlide™ Needles

Needle	Material	Length	Size					
			6-0	5-0	4-0	3-0	2-0	0
DGL13 13mm 3/8 Circle P-3 DX-13	Undyed Braided	18"/45cm	GD-492N J833G XL833	GD-493N J834G XL834				

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

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

SharpPoint™ product code

Ethicon™ comparable product code

Syneture™ comparable product code

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

How To Read Our Suture Box Labels

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

Color Bar

Material

Suture Length

Suture Size

Lot Number

Expiration Date

Certified for distribution in Europe

Product Item No.

Quantity

Needle Type / Shape

Needle Chart

UltraGlide™ Needles

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



DermaGlide™ Needles

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



Side Cutting Lancet Needles

SharpPoint™	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

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

Reverse Cutting Needles

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

Taper Point Needles

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

Taper Cutting Needles

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

Precision Conventional Cutting Needles

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

Needle Chart

Center Point Spatula Needles



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

Vas Cutting Needles



SharpPoint™	Ethicon™	Syneture™
1/4 Circle		
VVL4	.	.
3/8 Circle		
DVL05	.	.

Diamond Point Needles



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

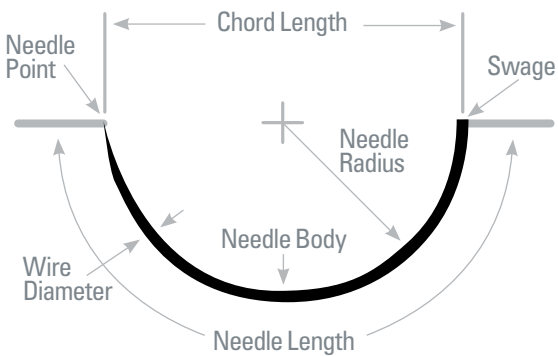
M.E.T.™ Point Needles



SharpPoint™	Ethicon™	Syneture™
3/8 Circle		
DRTM4	.	.
DRTM5	.	.
DRTM6	.	.

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

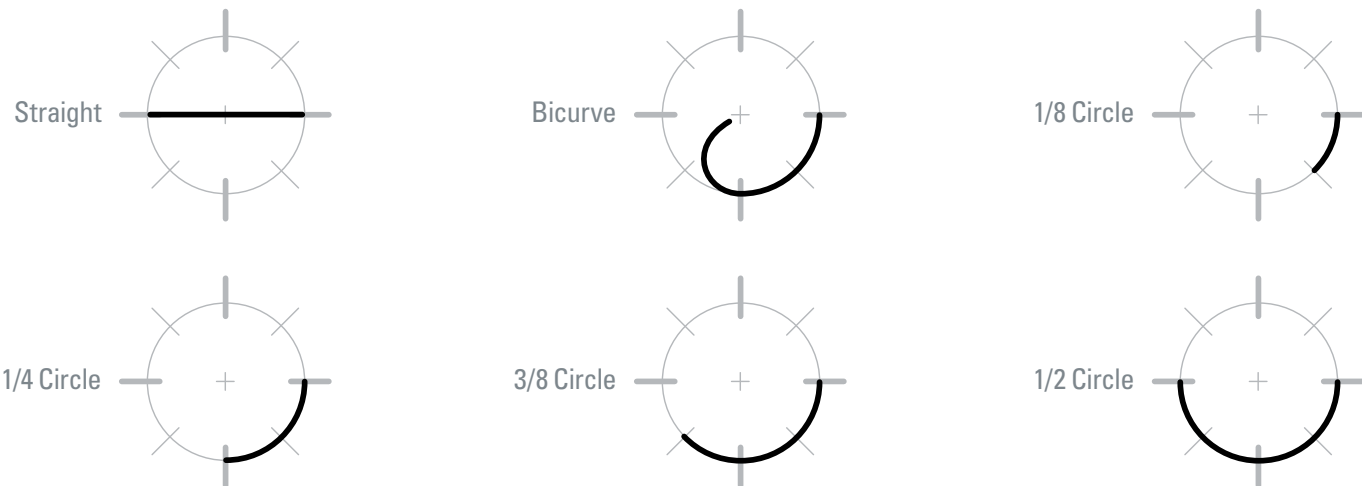
Point: The sharpened part of the Needle that first penetrates the tissue

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
Gut  • Surgical Gut Suture - Plain/Chromic * Plain Gut/Chromic Gut	Twisted • Plain & Chromic • Packaged Dry or in Wetting Solution Common uses: General Closure, OB/Gyn, Urology, Bowel Anastomosis	In vivo strength retention: Varies	Varies depending upon type of suture (plain vs. chromic) and site of placement
PolySyn™ (glycolic acid)  • VICRYL™ * Polysorb™/Dexon™	Braided • Undyed (clear) • Dyed (violet) Monofilament • Undyed (clear) • Dyed (violet) • Coated & Uncoated Common uses: Skin Closure, OB/Gyn, Urology, Gastrointestinal	In vivo strength retention: 50% at 14 days 20% at 21 days	Essentially complete between 50 and 90 days

Non-Absorbable

Material	Material Description	Qualities
Polyviolene™ (Uncoated) (poly (ethylene-terephthate))  • MERSILENE™ * Surgidac™	Braided • Undyed (white) • Dyed (green) • Uncoated Common uses: General & Skin Closure, Plastic Surgery, Ophthalmology, Cardiovascular Surgery, Neurological Procedures	• Smooth • Easy to handle • Good knot security
Nylon  • ETHILON™ * Monosof™/Dermalon™	Monofilament • Undyed (clear) • Dyed (blue) (black) • Packaged dry or in wetting solution Common uses: General & Skin Closure, Plastic Surgery, Ophthalmology, Microsurgery, Cardiovascular Surgery, Gastrointestinal	• Passes easily through tissue
Silk  • PERMA-HAND™ Silk * SofSilk™	Braided • Undyed (white) • Dyed (black) • Coated Common uses: General & Skin Closure, Gastrointestinal, Cardiovascular Surgery, Plastic Surgery, Ophthalmology	• Excellent handling and tying characteristics
Polypropylene  • PROLENE™ * Surgipro™/Surgipro™ II	Monofilament • Undyed (clear) • Dyed (blue) Common uses: General & Skin Closure, Neurosurgery, Plastic Surgery, Ophthalmology, Microsurgery, Cardiovascular Surgery	• Inert • Easy to handle • Passes easily through tissue

• 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
DSCM13 11mm 3/8 Circle  PC-1 P-13	Plain Gut	18"/45cm					B2711N 1916G XG1916	

Precision Reverse Cutting Needles

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

*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
DSM13 13mm 3/8 Circle  P-3 DX-13	Chromic Gut	18"/45cm						C687N • •

*Gut sutures are not CE marked.

PolySyn™ (Polyglycolic Acid) Sutures

Diamond Point Needles

Needle	Material	Length	Size					
			9-0	8-0	7-0	6-0	5-0	4-0
DE7 8.13mm 3/8 Circle  G-6 HE-6	Violet Braided	12"/30cm				G551N J551G L1551K		

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 Conventional Cutting Needles

Needle	Material	Length	Size					
			9-0	8-0	7-0	6-0	5-0	4-0
DSCM13 13mm 3/8 Circle  PC-1 P-13	Undyed Braided	18"/45cm					G834N J834G SL5687G	

Precision Reverse Cutting Needles

Needle	Material	Length	Size					
			8-0	7-0	6-0	5-0	4-0	3-0
DSM13 13mm 3/8 Circle  P-3 DX-13	Undyed Braided	8"/20cm				G493NS • •		
		18"/45cm			G492N J833G XL833	G493N/ G463N J834G XL834	G494N J835G XL835	
DSM16 16mm 3/8 Circle  PS-3 P-11	Undyed Braided	18"/45cm			G499N J499G XL843	G500N J500G SL5626G		G0508N • SL5621
DSM19 19mm 3/8 Circle  PS-2 DX-19	Undyed Braided	18"/45cm			G794N • •	G495N J822G XL822	G496N J823G XL823	G497N J824G XL824
HSM9 9mm 1/2 Circle  P-2 P-21	Undyed Braided	18"/45cm				G503N J503G SL1644G	G504N J504G SL1645G	
HSM16 16mm 1/2 Circle  PS-4 P-24	Undyed Braided	18"/45cm				G506N J506G SL5632G	G507N J507G SL5633G	

Side Cutting Lancet Needles

Needle	Description	Material	Length	Size			
				8-0	7-0	6-0	5-0
VSL7  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			G544N J544G L1750K
VCL8 	1/4 Circle Length 8.51mm Curvature 112	Radius 4.36mm Chord 7.24mm Wire .33mm	Undyed Braided	18"/45cm			G670N J670G L1670
	1/4 Circle Length 8.51mm Curvature 109	Radius 4.32mm Chord 7.28mm Wire .34mm	Violet Braided	8"/20cm			G590N J590G L1740K
				18"/45cm			G570N J570G •
S-14 SS-14							

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

Side Cutting Lancet Needles (cont'd)

Needle	Description	Material	Length	Size			
				8-0	7-0	6-0	5-0
VSP8  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		G556N J556G L1446K	
				18"/45cm		G555N J555G	
	1/4 Circle Length 8.51mm Curvature 109	Radius 4.32mm Chord 7.28mm Wire .34mm		12"/30cm		G552N J552G L1742K	G553N J553G L1785K
Needle	Description	Material	Length	10-0	9-0	8-0	7-0
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	
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	

M.E.T.™ Point Needles

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

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.

PolySyn™ (Polyglycolic Acid) Sutures

UltraGlide™ Needles

Needle	Description	Material	Length	Size		
				10-0	9-0	8-0
HGL5 	1/2 Circle Length 5.5mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Violet Monofilament	12"/30cm	GA-448N V448G	

Taper Cutting Needles

Needle	Material	Length	Size					
			8-0	7-0	6-0	5-0	4-0	3-0
HRT17  V-5 KV-5	17mm 1/2 Circle Violet Braided	18"/45cm				G0502N		

Polyviolene™ (Polyester) Sutures

Taper Cutting Needles

Needle	Material	Length	Size					
			8-0	7-0	6-0	5-0	4-0	3-0
HRT17  V-5 KV-5	17mm 1/2 Circle Green Braided Uncoated	12"/30cm					F2600N	

Nylon Sutures

Center Point Spatula Needles

Needle	Description	Material	Length	Size		
				7-0	6-0	5-0
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

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

DermaGlide™ Needles



Needle	Material	Length	Size					
			9-0	8-0	7-0	6-0	5-0	4-0
DGL13 13mm 3/8 Circle  P-3 DX13	Black Monofilament	18"/45cm				AD-1698 1698G XN1856	AD-698N 698G XN1855	
DGL19 19mm 3/8 Circle  PC-5 DX19	Black Monofilament	18"/45cm					AD-1666 1666G SN5666G	AD-1667 1667G SN5667G

Precision Conventional Cutting Needles



Needle	Material	Length	Size					
			9-0	8-0	7-0	6-0	5-0	4-0
DSM16 16mm 3/8 Circle  PC-3 PC-11	Black Monofilament	18"/45cm					A1865N 1865G SN3965	A1864N 1864G SN1964
	Black Monofilament Pliable	18"/45cm					A1965N 1965G SN3965	

Precision Reverse Cutting Needles



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

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

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).
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Nylon Sutures

UltraGlide™ Needles



Needle	Description	Material	Length	Size		
				11-0	10-0	9-0
DGL6  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	
DGL6  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	
HGL5  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	
HGL5  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	
HGL7  CS175-8	1/2 Circle Length 6.99mm Curvature 175	Radius 2.29mm Chord 4.57mm Wire .15mm Black Monofilament	12"/30cm		A9032N 9032G	

VAS Cutting Needle



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

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

Precision Reverse Cutting Needles



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

Reverse Cutting Needles



Needle	Material	Length	Size				
			7-0	6-0	5-0	4-0	3-0
DS12  C-2 C-1	12mm 3/8 Circle Black Braided	18"/45cm		D1639N S1172	D0374N S1173		
DS16  FS-3 C-12	16mm 3/8 Circle Black Braided	18"/45cm			D1678N 1678H SS5678	D0239N 739G SS686	
DS18  FS-2 C-13	18mm 3/8 Circle Black Braided	18"/45cm			D682N 682G SS682G	D683N 683G SS683G	D1679N 1679H SS694
HS16  	16mm 1/2 Circle Black Braided	18"/45cm					D2460N

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
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	DA-2552N † ●	
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	
			Blue Braided Virgin	18"/45cm	DA-2550N † ●	

† Not sold in U.S.A.

Taper Cutting Needles

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

Taper Point Needles

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

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 Sutures

Precision Conventional Cutting Needles

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

Precision Reverse Cutting Needles

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

Reverse Cutting Needles

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

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 Sutures

Side Cutting Lancet Needles

Needle	Description	Material	Length	Size		
				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  TG140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 5.35mm Wire .15mm	Blue Monofilament	12"/30cm	J1710N 1710G ●	
HSL5  TG160-6 SE-160-6	1/2 Circle Length 5.51mm Curvature 150	Radius 2.03mm Chord 4.07mm Wire .15mm	Blue Monofilament	12"/30cm	J2529N 7794G PZ756K ●	

Taper Point Needles

Needle	Material	Length	Size				
			8-0	7-0	6-0	5-0	4-0
DRM6 6mm 3/8 Circle  BV-130-5 MV-135-5	Blue Monofilament	5"/13cm	J2775N 2775G ●				

UltraGlide™ Needles

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

Product numbers are color coded respectively as Sharp® (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

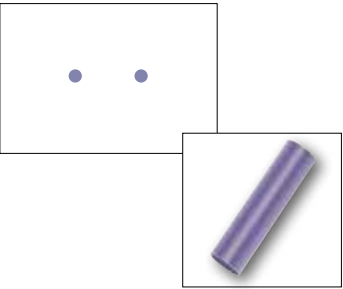
- PPLUG4** 0.4mm plug / Inserter
- PPLUG5** 0.5mm plug / Inserter
- PPLUG6** 0.6mm plug / Inserter
- PPLUG7** 0.7mm plug / Inserter
- PPLUG8** 0.8mm plug / Inserter



UltraPlug™ 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

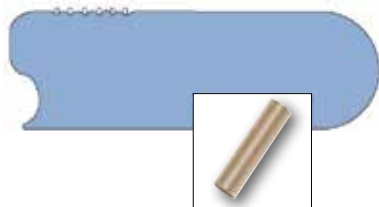
- EPLUG2** 0.2mm diameter /2.0mm Length
- EPLUG3** 0.3mm diameter /2.0mm Length
- EPLUG4** 0.4mm diameter /2.0mm Length
- EPLUG5** 0.5mm diameter /2.0mm Length

UltraPlug™ 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
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

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	Description
11840	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

Knives

Clear Corneal Knife, Double-Bevel

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



Knife

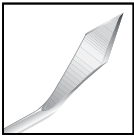
72-4963

Description

4.9mm Angled, double-bevel, depth indicators

Slit Knife, Bevel-Up

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



Knife

72-4561

Description

4.5mm Angled, bevel-up

ClearPort™ Paracentesis Knife

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



Knife

78-2010

Description

1.1mm, Angled

Maximum Instrument Size

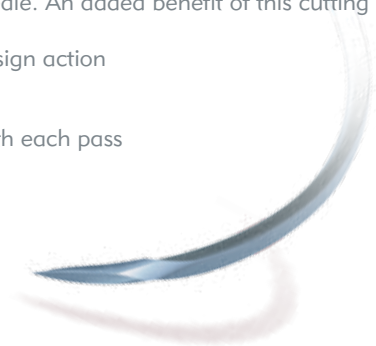
20g

UltraGlide™ Sutures

UltraGlide™ Sutures

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

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



UltraGlide™ Needles

Needle	Description	Material	Length	11-0	10-0	9-0
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 9007G	
DGL6 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	
DGL6 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	
HGL5 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	
HGL5 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 12"/30cm	A9016N 9016G	A9001N 9001G A9000N 9000G	
HGL7 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 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
Standard				
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
2.2mm Incision				
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
Soft Tip, Standard				
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
Soft Tip, 2.2mm Incision				
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
Bi-Manual				
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	

Single Use Instruments

The Single Use Instrument family of products provides the convenience and safety of a single use instrument without sacrificing quality and consistency.

Sharpoint™ SOLO™ single-use ophthalmic instruments are available in the following categories. Sold 10 per box.

	SKU #	Forceps	
	70-1010	Capsulorhexis Forceps	
	70-1020	Suturing Forceps Straight (3D)	
	70-1031	Tying Forceps, Angled	
	70-1032	Notched Forceps	
	70-1050	IOL Holding Forceps, Angled	

	SKU #	Hooks	
	70-2030	Sinskey Hook, Angled	
	70-2041	Y-Hook, Angled	
	70-2070	Push Pull Hook, Angled	

	SKU #	Choppers	
	70-2050	Nagahara Phaco Chopper	
	70-2051	Chopper (Stop & Chop)	

	SKU #	Manipulator & Spatula	
	70-2090	Drysdale Manipulator	
	70-2040	Spatula 0.50x0.30	