

EMPOWERING EXCELLENCE



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 Sharp^{point}™ needle code is blue, the comparable Ethicon™ needle code is black, and the comparable Syneture™ needle code is dark green. This section also lists the needle length and shape.

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

Length - Length in inches/centimeters

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

Side Cutting Lancet 		Material	Length	10-0	9-0	8-0
DSL7	3/8 Circle Length 6.60mm	Black Monofilament	12"/30cm	A7718N 7718G	A7717N 7717G	
 TG140-8						

Product numbers are color coded respectively as Sharp^{point}™ (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 Sharp^{point}™ product code denotes the quantity per box

Sharp^{point}™ product code
Ethicon™ comparable product code
Syneture™ comparable product code

How To Read Our Suture Box Labels

Each Sharp^{point}™ suture box comes with a color-coded label that provides important details about the sutures contained inside.

Color Bar — 

Material — **NYLON**

Suture Length — **12"/30cm**

Suture Size — **10-0 USP**

Lot Number — **LOT** LOTCODE

Expiration Date — **YYMM-DD**

Certified for distribution in Europe — **CE 0120**

Product Item No. — **A9000N**

Quantity — **12**

Needle Type / Shape — **2xHLL5 ULTRAGLIDE™ SPATULA 1/2c 5.51mm**

STERILE EO

REF

NON ABSORBABLE

Q0001

UltraGlide™ Needles



SharpPoint™	Ethicon™	Syneture™
Bicurve		
BLL5	CSB-6	•
3/8 Circle		
DLL6	CSI40-6	SEI40-6
1/2 Circle		
HLL5	CSI60-6	SEI60-6
HLL7	CSI75-6	•



4.88mm

6.15mm

5.51mm

6.99mm

Side Cutting Lancet Needles



SharpPoint™	Ethicon™	Syneture™
Bicurve		
BSL5	TG6-C	•
1/8 Circle		
SSL5	•	•
SSL15	•	•
1/4 Circle		
VSL7	TG100-8	SEI100-8
VSP8	S-29, S-24	SD-1, SS-24
VCL8	S-14	SS-14
3/8 Circle		
DVL04	TG140-04	SEI40-04
DSL6	TG140-6	SEI40-6
DSL7	TG140-8	SEI40-8
1/2 Circle		
HSL5	TG160-6	SEI60-6
HSL7	•	•

5.51mm

5.51mm

14.99mm

6.6mm

8mm

8.51mm

4mm

6.15mm

6.6mm

5.51mm

7mm

Precision Reverse Cutting Needles



SharpPoint™	Ethicon™	Syneture™
3/8 Circle		
DSM7	G-6	HE-6
G-1	G-1	G-1

7mm

11mm

Precision Conventional Cutting Needles



SharpPoint™	Ethicon™	Syneture™
3/8 Circle		
PC-1	PC-1	P-13
PC-3	PC-3	P-11

13mm

16mm

Center Point Spatula Needles



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

8mm

Vas Cutting Needles



SharpPoint™	Ethicon™	Syneture™
3/8 Circle		
DVL04	•	•

4mm

M.E.T.™ Point Needles



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

4mm

5mm

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.

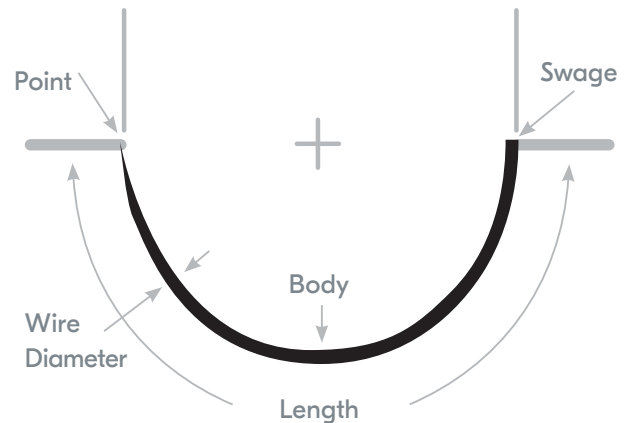
Swage: Connection point of the suture and the needle. Micro teeth grip the suture material and prevent it from slipping out.

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

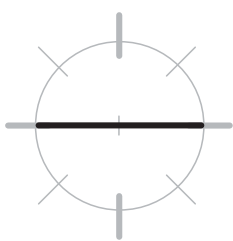
Body: The part between the point and the swage of the needle.

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

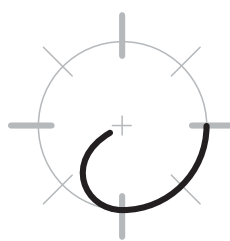
Needle Anatomy



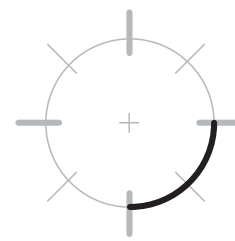
Needle Shapes and General Uses



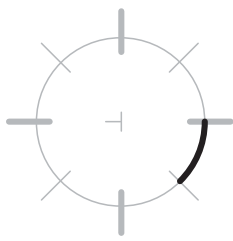
Straight: Skin Closure



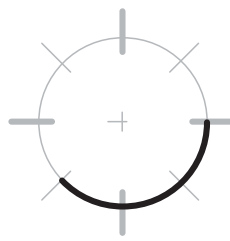
Bi-curve: Vasectomy Reversal, Ophthalmic



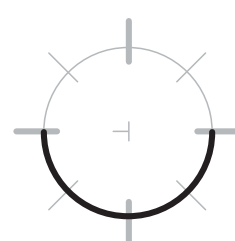
1/4 Circle: Ophthalmic



1/8 Circle: Ophthalmic



3/8 Circle: Skin Closure, Ophthalmic

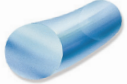


1/2 Circle: Skin Closure, GI, Cardiovascular, Ophthalmic

Absorbable

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

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, Ophthalmology	• Passes easily through tissue
POLYPROPYLENE  Comparable to: PROLENE™	Monofilament • Dyed (blue) Common uses: Ophthalmology, IOL fixation	• Inert • Easy to handle • Passes easily through tissue

Side Cutting Lancet



Side Cutting Lancet				Size				
		Material	Length	9-0	8-0	7-0	6-0	5-0
VCL8	1/4 Circle Length 8.51mm	Violet Braided	18"/45cm				G570N I570G	
DSL7	3/8 Circle Length 6.6mm	Violet Braided	18"/45cm			GA-546N I546G		
			8"/20cm		GA-547N I547G			
			12"/30cm		GA-548N I548G			
						GA-566N I566G		
DSL6	3/8 Circle Length 6.15mm	Violet Braided	12"/30cm		GA-974N I974G			
DVL04	3/8 Circle Length 4mm	Violet Monofilament	5"/13cm	GA-8760N D8760				
VSP8	1/4 Circle Length 8.51mm	Violet Braided	12"/30cm					G553N I553G
VSP8	1/4 Circle Length 8.51mm	Violet Braided	12"/30cm				G556N • I556G	
			18"/45cm				G555N I555G	
VSL7	1/4 Circle Length 6.4mm	Violet Braided	18"/45cm				G544N I544G	

PolySyn™/Polyglycolic Acid

M.E.T.™ Point

M.E.T.™ Point 				Size		
		Material	Length	9-0	8-0	7-0
DRTM4 	3/8 Circle Length 4mm	Violet Monofilament	5"/13cm	GA-7402N V402G 		
DRTM5 	3/8 Circle Length 5mm	Violet Braided	5"/13cm		GA-405N V405G 	
DRTM6 	3/8 Circle Length 6mm	Violet Braided	5"/13cm		GA-401N V401G 	

UltraGlide™

UltraGlide™ 			Size			
		Material	Length	10-0	9-0	8-0
HLL5 	1/2 Circle Length 5.5mm	Violet Monofilament	12"/30cm	GA-448N V448G 		

Express Gut™ (Plain Gut)

Precision Conventional Cutting

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

Plain Gut

Precision Reverse Cutting

Precision Reverse Cutting			Size			
		Material	Length	6-0	5-0	4-0
G-I	3/8 Circle Length 11mm	Plain Gut	18"/45cm	B7770N		
						

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Center Point Spatula



Center Point Spatula			Size			
		Material	Length	6-0	5-0	4-0
DO5  RD-I SS-24 1/4 Circle Length 8.00mm * limited supply		Black Monofilament	18"/45cm		A749N 749G N278I	

Side Cutting Lancet



Side Cutting Lancet							
			Size				
			Material	Length	10-0	9-0	8-0
BSL5	 TG6-C	Bicurve Length 5.51mm	Black Monofilament	6"/15cm	A2687N 7799G •		
				12"/30cm	A2522N • •		
BSL5	 TG6-C	Bicurve Length 5.51mm	Black Monofilament	8"/20cm	A2524N • •		
				12"/30cm	A2525N 7799G •		
BGL5	 CSB-6	Bicurve Length 4.88mm	Black Monofilament	12"/30cm	A2675N • •		
DSL6	 TGI40-6	3/8 Circle Length 6.15mm	Black Monofilament	6"/15cm	A2683N • •		
				12"/30cm	A2533N • •		
DSL6	 TGI40-6	3/8 Circle Length 6.15mm	Black Monofilament	12"/30cm	A7770N 7770G •		

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* (no longer manufactured)

Side Cutting Lancet



				Size		
		Material	Length	10-0	9-0	8-0
DSL7 TGI40-8	3/8 Circle Length 6.60mm	Black Monofilament	12"/30cm	A2532N • •		
DSL7 TGI40-8	3/8 Circle Length 6.60mm	Black Monofilament	12"/30cm	A7718N 7718G •	A7717N 7717G •	
HSL5 TGI60-6	1/2 Circle Length 5.51mm	Black Monofilament	6"/15cm	A2534N • •	A2681N • •	
			12"/30cm	A2510N • •		
HSL5 TGI40-6	1/2 Circle Length 5.51mm	Black Monofilament	6"/15cm	A7757N 7757G •		
			12"/30cm	A7756N 7756G N2756K	A7760N 7760G •	
HSL7 TGI40-6	1/2 Circle Length 7.04mm	Black Monofilament	12"/30cm	A2519N • •		
HSL7 TGI40-6	1/4 Circle Length 5mm	Black Monofilament	5"/13cm		A0819N • •	

UltraGlide™

				Size		
		Material	Length	11-0	10-0	9-0
DLL6  3/8 Circle Length 6.15mm CSI40-6 SE-140-6		Black Monofilament	4"/10cm		A9060N 9060G 	
DLL6  3/8 Circle Length 6.15mm CSI40-6 SE-140-6		Black Monofilament	12"/30cm		A9003N 9003G 	
HLL5  1/2 Circle Length 5.51mm CSI60-6 SE-160-6		Black Monofilament	4"/10cm		A9061N 9061G 	
HLL5  1/2 Circle Length 5.51mm CSI60-6 SE-160-6		Black Monofilament	6"/15cm	A9016N 9016G 	A9001N 9001G 	
			12"/30cm		A9000N 9000G 	
HLL7  1/2 Circle Length 6.99mm CSI75-8		Black Monofilament	12"/30cm		A9032N 9032G 	

Side Cutting Lancet



		Size				
		Material	Length	8-0	7-0	6-0
VSP8	1/4 Circle Length 8mm	Black Braided	18"/45cm			D1780N 1780G S2780
 T-I S-24 SS-24						
DSL6	3/8 Circle Length 6.15mm	Blue Braided Virgin	18"/45cm	D2552N † • •		
 TGI40-6 SE-140-6						
DSL7	3/8 Circle Length 6.60mm	Black Braided	12"/30cm	D2526N 599G •		
			18"/45cm		D7733N 7733G S1768K	
		Blue Braided Virgin	18"/45cm	D2550N † • •		
 TGI40-8 SE-140-8						

† Not sold in U.S.A.

Precision Reverse Cutting



		Size						
		Material	Length	9-0	8-0	7-0	6-0	5-0
DSM8	8mm 3/8 Circle	Black Braided	12"/30cm			D2680N • S1768K		
 G-6 HE-6								
DSM8	8mm 3/8 Circle	Black Braided	18"/45cm			D0191N • S1768K	D769N • •	
 G-6 HE-6								
HSM8	8mm 1/2 Circle	Black Braided	18"/45cm				D765N 765G •	
								

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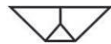
Polypropylene

Side Cutting Lancet



				Size		
		Material	Length	10-0	9-0	8-0
SSL5 	1/8 Circle Length 5.51mm	Blue Monofilament	2"/5cm	J2560N • •		
SSL15 	1/8 Circle Length 14.99mm	Blue Monofilament	3"/7.5cm	J2559N • •		
			6"/15cm		J2558N • •	
DSL6  TG140-6	3/8 Circle Length 6.15mm	Blue Monofilament	12"/30cm	J1710N 1710G •		
DSL6  TG140-6	1/2 Circle Length 5.51mm	Blue Monofilament	12"/30cm	J2529N 7761G PZ756K		

UltraGlide™



				Size			
		Material	Length	9-0	8-0	7-0	6-0
HLL5 5.51mm 1/2 Circle  CS-160-6 SE-160-6		Blue Monofilament	6"/15cm	J2625N • •			

Needleless Suture (GATT)

				Size			
		Material	Length	9-0	8-0	7-0	6-0
		Blue Monofilament Twisted	6"/15cm				J2626

Product numbers are color coded respectively as Sharpoint™ (dark blue), Ethicon™ (black), and Synature™ (green).
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For more information, or to place an order, contact your local Corza Ophthalmology sales representative, call our customer service team at **973-989-1600** or visit corzaeye.com.

Corza Ophthalmology Inc.

6 Campus Drive, Suite 310, Parsippany, NJ 07054, USA

Phone: 973-989-1600 — 800-225-1195 (US Only)

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