



  
*Qiris*

**PDO PLCL PLLA THREAD**

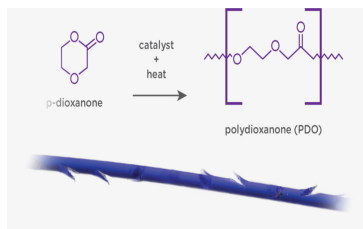
## What is

<Comparison Table>

Material	PDO	PLCL	PLLA
Duration	+	++	+++
Melting points	++	+++	+++
Tensile strength	+++	++	++
Anchoring	++	++	+++
Elongation	+++	++	++
Price	+	++	++

## <Intended use>

This device is used for correction surgery by fixing the sub dermal tissue in an elevated position for injured tissue, or reconstructed position of damaged tissue for patient after damage or an accident.

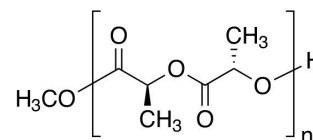


### Polydioxanone (PDO)

Polydioxanone improves fibroblast and induce microcirculation. PDO suture is a biodegradable synthetic polymer, monofilament absorbable suture. It is hydrolyzed in the body and then naturally excreted by urine within 6 months. Thus, PDO suture is one of the safest materials that can be used in the body, and it offers far superior tensile strength. The absorption of polydioxanone suture is reliable and predictable. PDO threads are commonly used to lift, tighten and rejuvenate areas of sagging skin, and minimize fatty tissue.

### PLLA (Poly L-Lactic Acid)

PLLA is a biodegradable material with good bio-absorbability and bio-compatibility extracted from plants. Safety of PLLA approved by FDA, KFDA, completely decomposed into CO<sub>2</sub>, H<sub>2</sub>O, and Glucose. After degradation in the body, PLLA is excreted by metabolism and thus has no harmful side effects to the human body. PLLA suture improves the formation of collagen continuously in the skin to recover your skin elastin and improve wrinkles.



### Poly(L-Lactide-co-ε-caprolactone) PLCL

Using Best quality PLACL thread by one of the world's best thread companies, PLACL suture is state-of-art a new thread which complements all the disadvantage of PDO, PLLA, and PCL but also combines their advantage at the same time.

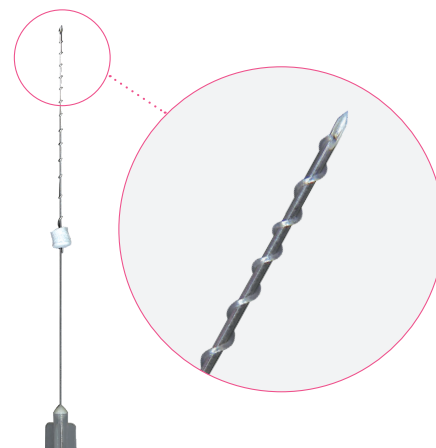
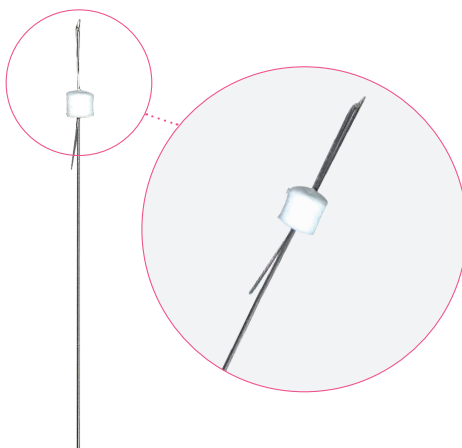
## Q-Mono Q-Screw

Main Model

Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Needle Back-Cutting	27G	38mm	5 - 0	55mm
		60mm		90mm



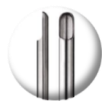
Back Cutting Needle



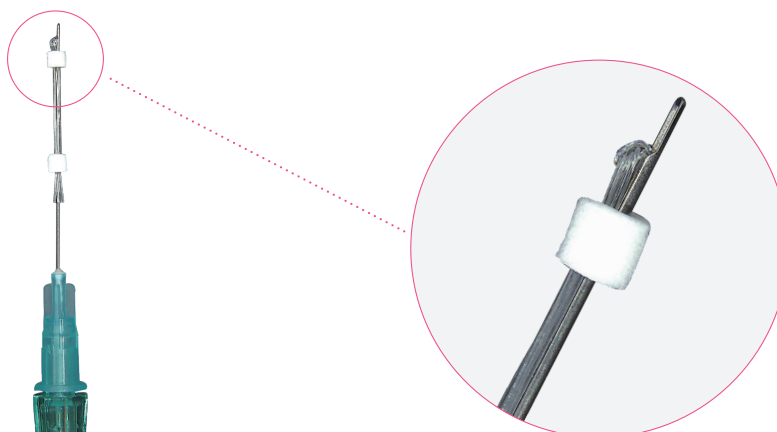
## Q-Multi

Main Model

Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length	Remark
Cannula	23G	38mm	5 - 0	25mm	Needle Inside : 4ea Needle Outside : 10ea
		60mm		45mm	



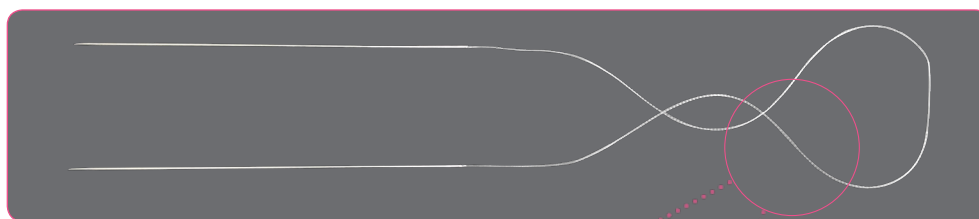
"L"  
Cannula



## Q-Dual

Main Model

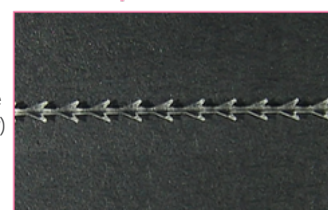
Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Sharp & Blunt	19G	110mm	0 - 0	300~340mm
		120mm		



SP Type



Mold Type  
(PLCL Only)



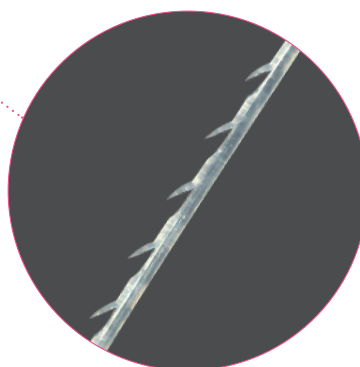
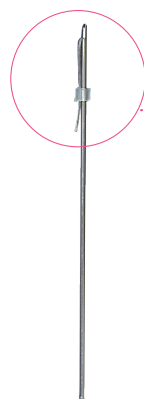
## Q-Spiral Cog

Main Model

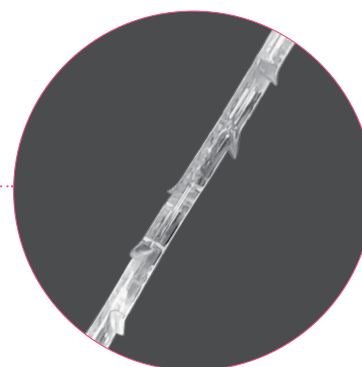
Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Cannula	19G	38mm	2 - 0 0 - 0	120mm
		60mm		140mm
		100mm		180mm



"L"  
Cannula



ST Type



SP Type

## Q-Spril Nose

Main Model

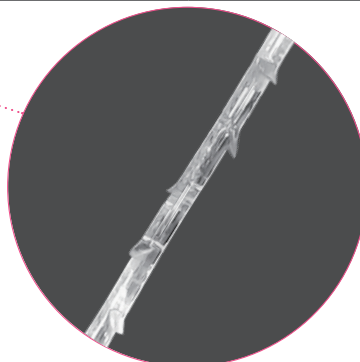
Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Cannula	19G, 21G	38mm	0 - 0, +1, +2	52mm
		60mm		82mm



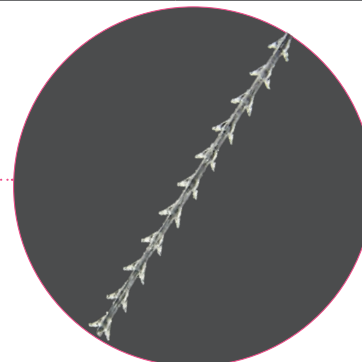
"L"  
Cannula



"W"  
Cannula



SP Type



Mold Type (PLCL Only)



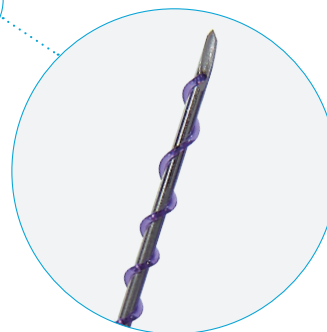
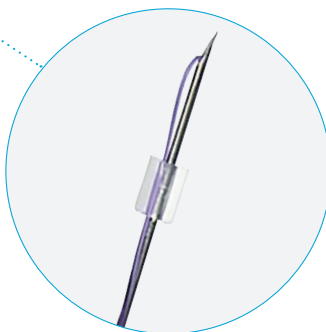
## Q-Mono Q-Screw

Main Model

Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Needle Back-Cutting	27G	38mm	5 - 0	55mm
		60mm		90mm



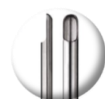
Back Cutting  
Needle



## Q-Multi

Main Model

Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length	Remark
Cannula	23G	38mm	5 - 0	25mm	Needle Inside : 4ea Needle Outside : 10ea
		60mm		45mm	



"L"  
Cannula



## Q-Cavern

Main Model

Needle Type	Needle Gauge	Needle Length	Suture USP	Winding Length
Cannula	23G	60mm	5 - 0	20/25/30mm



"L"  
Cannula

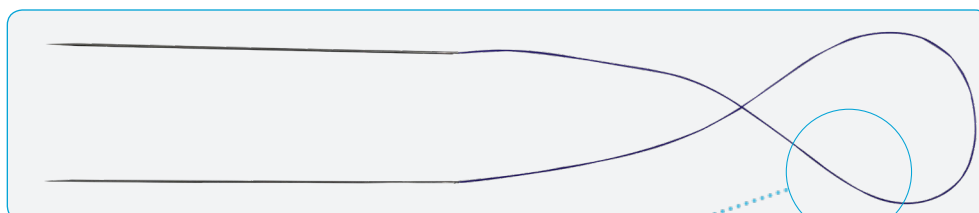


## Q-Dual

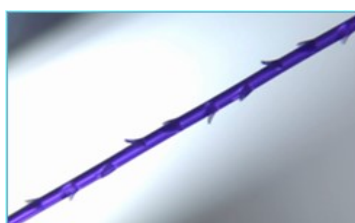
Main Model



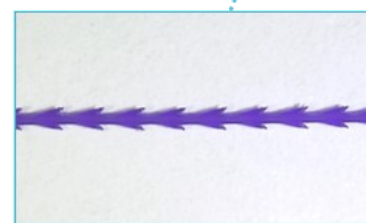
Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Sharp, Blunt	19G	110mm 120mm	0 - 0 +1 +2	300~340mm



SP Type



Mold Type



## Q-Spiral Cog

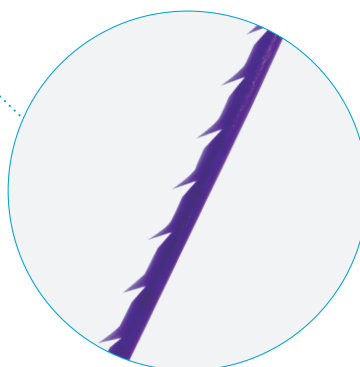
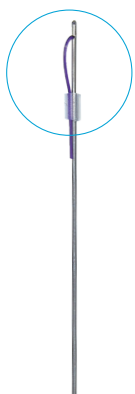
Main Model



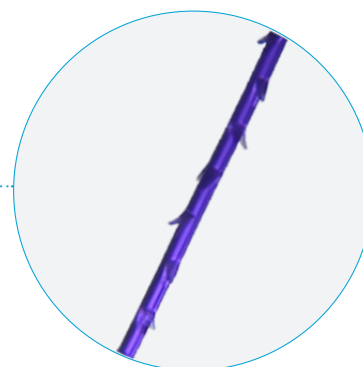
"L"  
Cannula



Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Cannula	19G	38mm	0 - 0	120mm
		60mm		140mm
		100mm		180mm



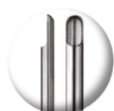
ST Type



SP Type

## Q-Spril Nose

Main Model

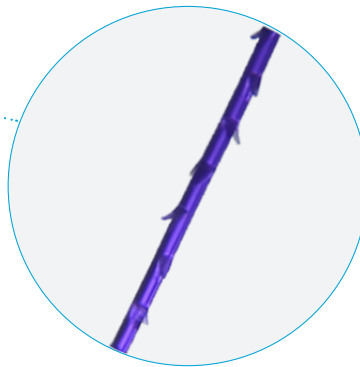


"L"  
Cannula

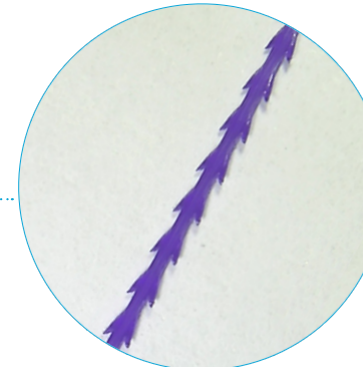


"W"  
Cannula

Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Cannula	19G, 21G	38mm	0 - 0, +1, +2	52mm
		60mm		82mm



SP Type

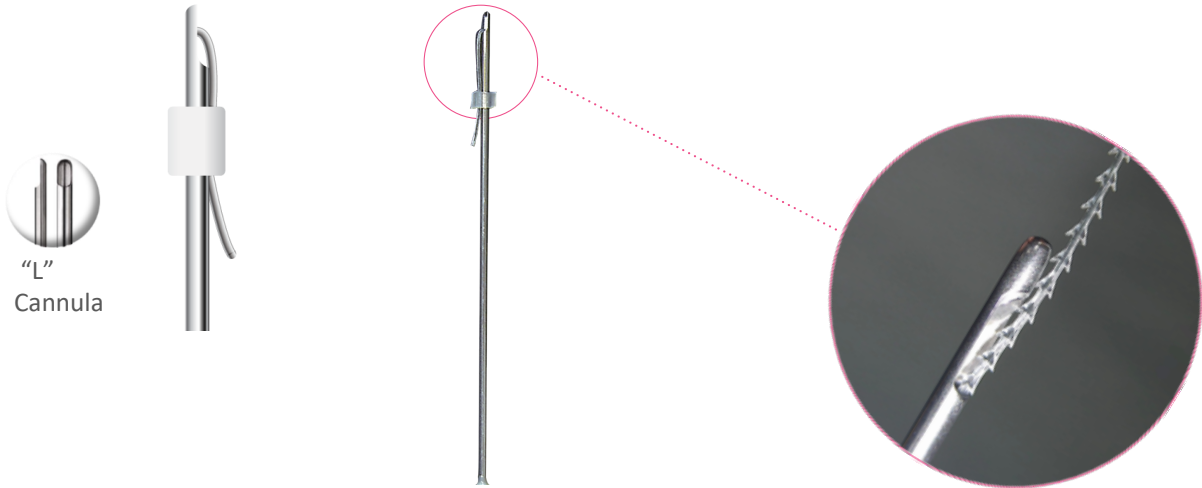


Mold Type

Q-Mold

Main Model

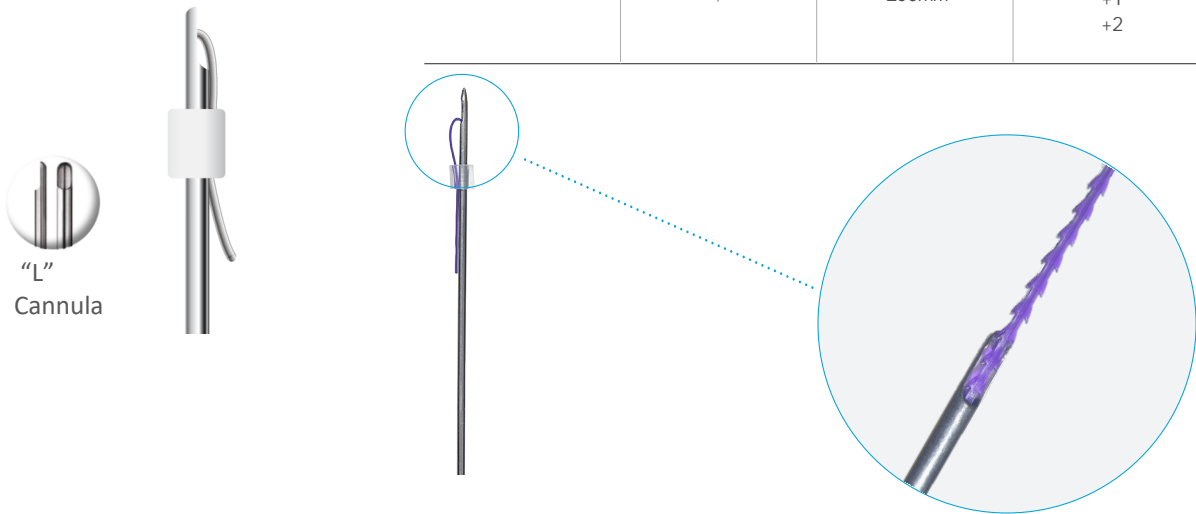
Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Cannula	18G	100mm	+ 2	180mm



Q-Mold




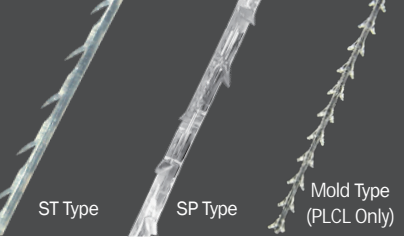


Main Model

Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length
Cannula	18G, 19G	100mm	0 - 0 +1 +2	180mm







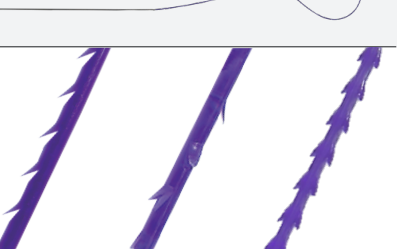




## PLLA / PLCL Main Model

Type	Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length	Photos
Q-Mono Q-Screw	Needle Back-Cutting	27G	38mm	5 - 0	55mm	
			60mm		90mm	
Q-Multi	Cannula	23G	38mm	5 - 0	25mm	
			60mm		45mm	
Q-Dual	Sharp, Blunt	19G	110mm 120mm	0 - 0	300~340mm	
Q-Spiril Cog	Cannula	19G	38mm	2 - 0 0 - 0	120mm	
			60mm		140mm	
			100mm		180mm	
Q-Spiral Nose	Cannula	19G , 21G	38mm	0 - 0, +1, +2	52mm	
			60mm		82mm	
Q-Mold (PLCL Only)	Cannula	18G	100mm	+ 2	180mm	



## PDO Main Model

Type	Needle Type	Needle Gauge	Needle Length	Suture USP	Suture Length	Photos
Q-Mono Q-Screw	Needle Back-Cutting	27G	38mm	5 - 0	55mm	
			60mm		90mm	
Q-Multi	Cannula	23G	38mm	5 - 0	25mm	
			60mm		45mm	
Q-Cavern	Cannula	23G	60mm	5 - 0	20/25/30mm	
Q-Dual	Sharp, Blunt	19G	110mm 120mm	0 - 0 +1 +2	300~340mm	
Q-Spiril Cog	Cannula	19G	38mm	0 - 0	120mm	
			60mm		140mm	
			100mm		180mm	
Q-Spiril Nose	Cannula	19G, 21G	38mm	0 - 0, +1, +2	52mm	
			60mm		82mm	
Q-Mold	Cannula	18G, 19G	100mm	0 - 0 +1 +2	180mm	

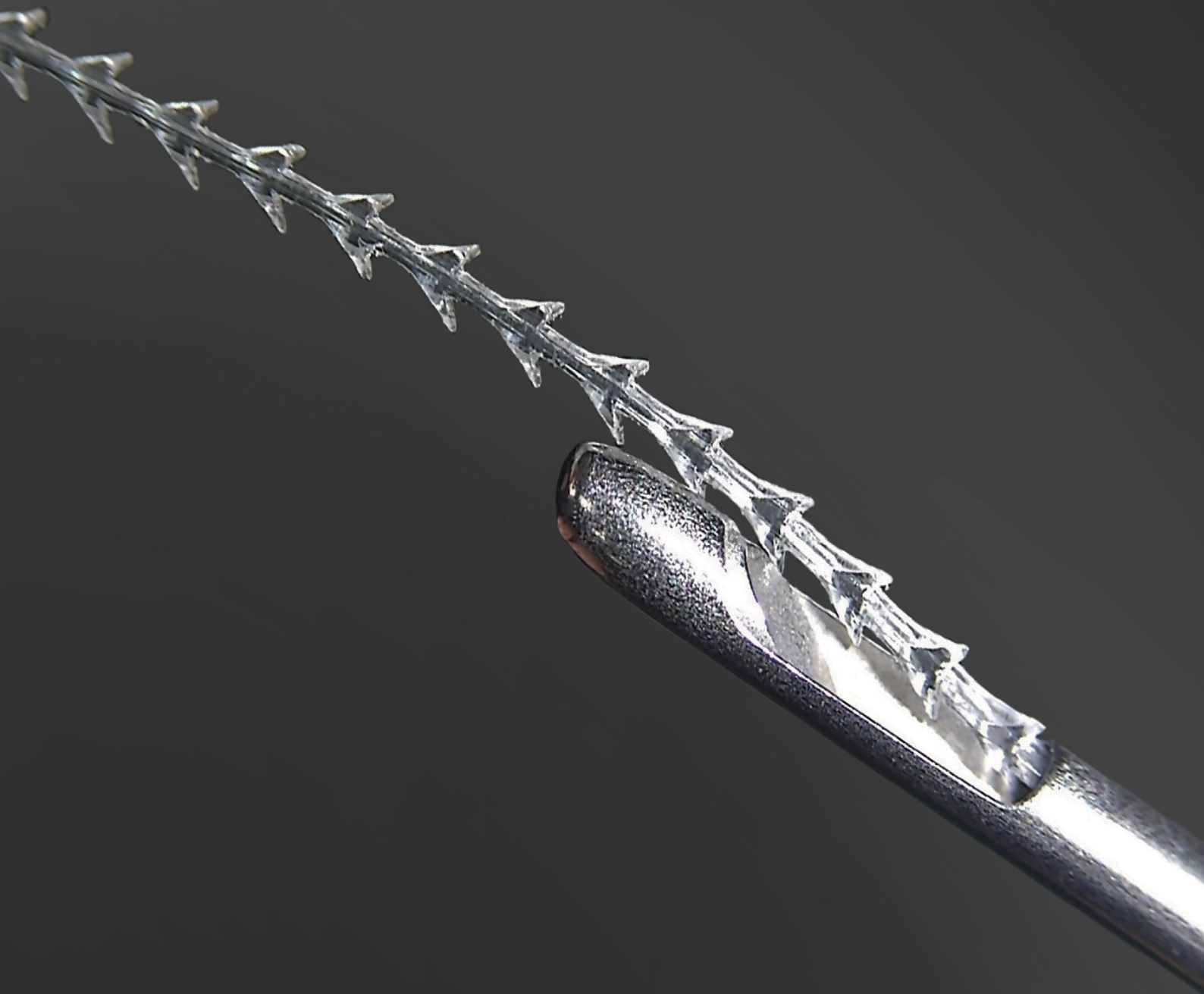
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