

ENOVA® needles

Developed with
high performances
300 series
stainless steel,
for exclusive
surgery.

High
performance
suture needles

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2021

Order your ENOVA®
needles today.

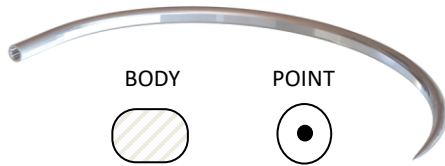
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SUTUREX & RENODEX
SURGICAL NEEDLES

NEEDLES AVAILABILITY RANGE

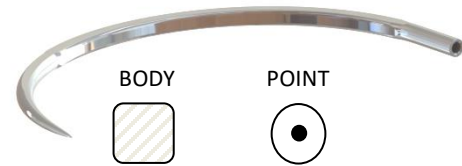
Taper Point round body (ET)



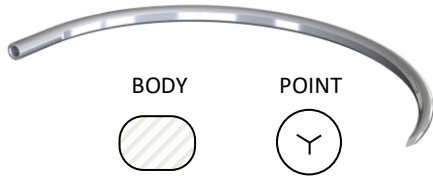
TAPER POINT NEEDLES

Taper point for soft tissue and flattened round body for better control.
Available from length 10 to 90 mm and wire Ø 0.28 to 1.58 mm.

Taper Point square body (ETS)



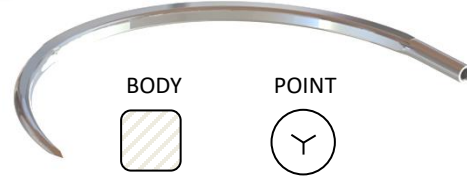
Taper Cutting round body (EY)



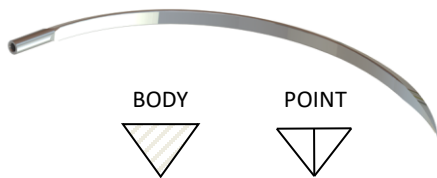
TAPER CUTTING NEEDLES

2-in-1 needle : cutting tip and flattened round body for tough tissue.
Available from length 10 to 65 mm and wire Ø 0.28 to 1.58 mm.

Taper Cutting square body (EYS)



Plastic Cosmetic Cutting (PCC)

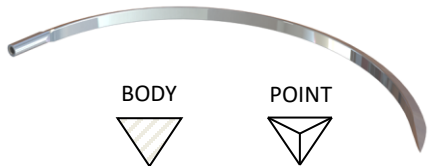


CUTTING NEEDLES FOR PLASTIC

Designed to ensure superior penetration: 2 sides sharpened thin point offering increased sharpness pass after pass.
Available from length 10 to 45 mm and wire Ø 0.33 to 0.78 mm.

XTRASHARP

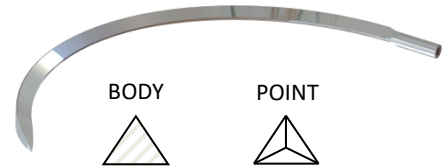
Reverse Cutting (RCP)



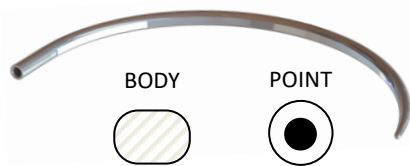
PREMIUM CUTTING NEEDLES

3 cutting edges, with the third on outside curve for **RCP** and on inside curve for **ICP**, and with triangle body for tough tissue.
Available from length 10 to 90 mm and wire Ø 0.33 to 1.58 mm.
Available in straight (SCP)

Inside Cutting (ICP)



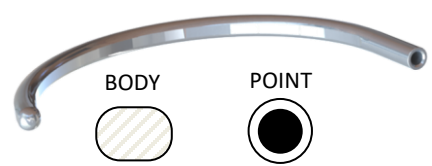
Blunt Point (MD)



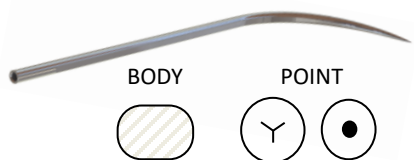
SPECIALITY NEEDLES

Blunt point and Ball point needles can literally dissect friable tissue rather than cutting it.
Available from length 26 to 90 mm and wire Ø 0.73 to 1.58 mm.

Ball Point (MO)

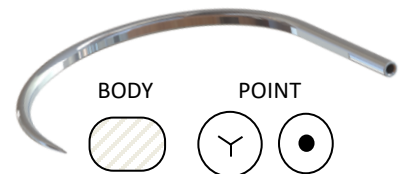


Ski (ETK-EYK)



Ski and hook for endoscopic and coelioscopic surgeries.
Available length from 20 to 90 mm and wire Ø 0.48 to 1.58 mm.
Ski 45°, 75° and 90° - Hook 180°
Available in Taper Cutting (EYK - EYH) and Cutting (RCK)

Hook (ETH-EYH)

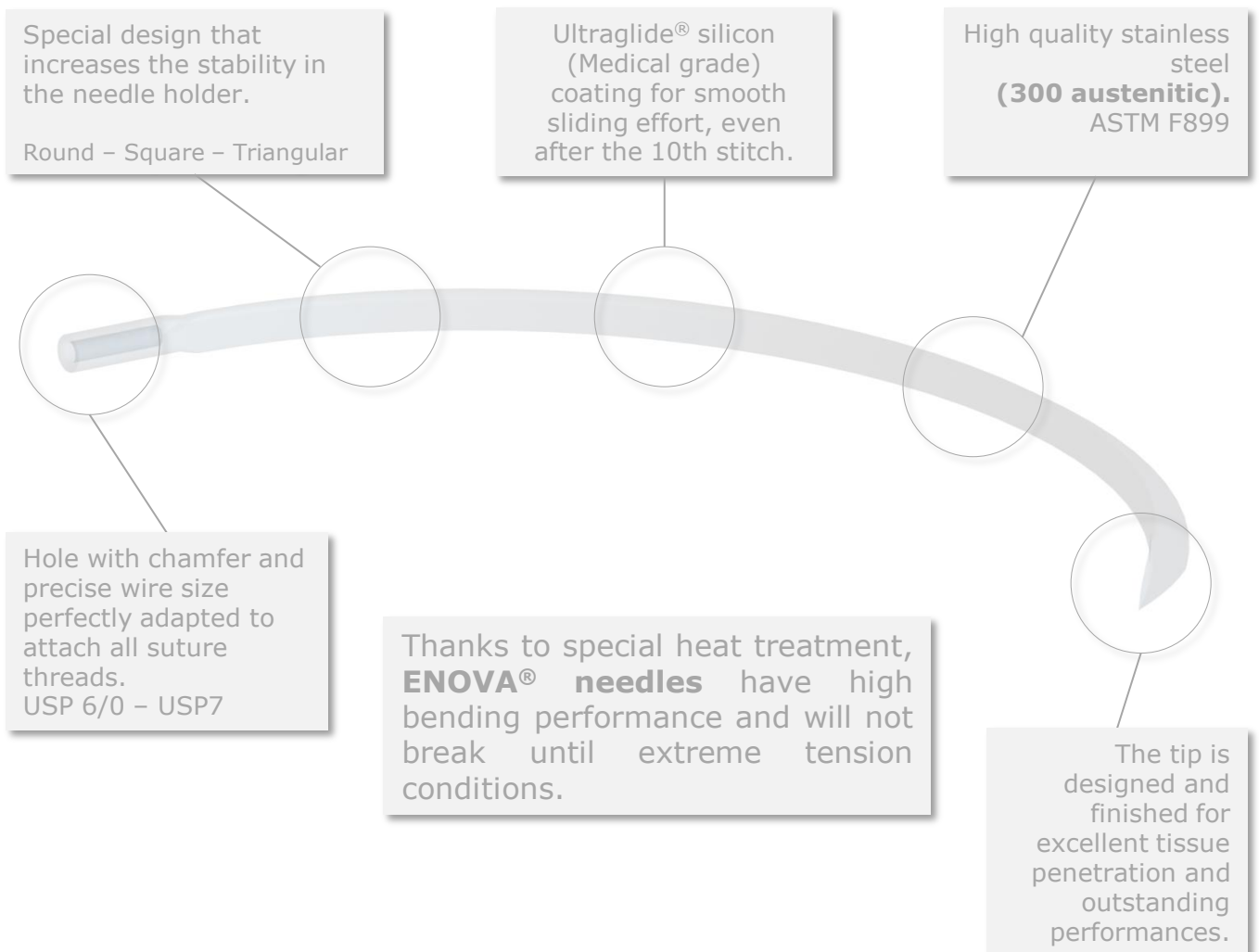


Ask us for specific shape needles

ENOVA® high performance suture needles – Overview

All the ENOVA needles offer the most advanced technology, leading to an excellent result due to:

- Excellent tissue penetration
- Sharpness after multiple stitches
- High stability passing through tissue
- High bending strength resistance
- Excellent grip to the needle holder



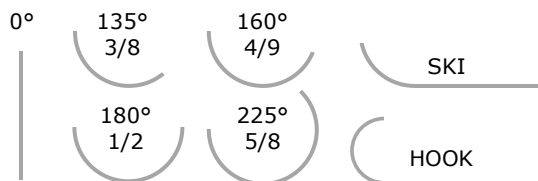
Needle code – How to read it

300 ET 180 26 68 40 COATED

① ② ③ ④ ⑤ ⑥

- ① Point and Body
- ② Curve in degrees
- ③ Length in mm
- ④ Wire diameter in 1/100 mm
- ⑤ Hole diameter in 1/100 mm
- ⑥ Surface treatment (Silicon)

Needle shape (curvatures)



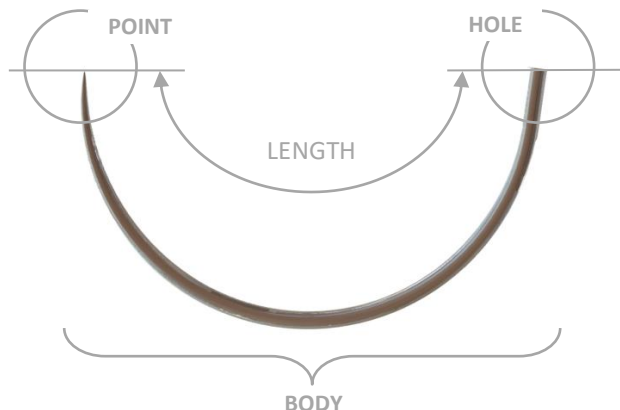
Surface treatment

Needle is coated with our superior silicone coating technology, ensuring high penetration performance.

Material

- High bending strength and ductility provided by high performance stainless steel ENOVA® 300.
- To achieve the perfect adequacy between high tensile strength and ductility, a perfect knowledge of the raw material elaboration linked to the specific know-how in heat treatment of the needle is required .

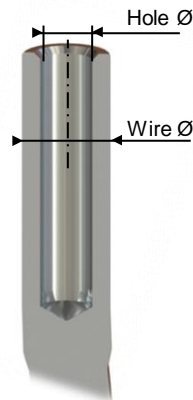
SUTUREX & RENODEX
SURGICAL NEEDLES



Wire and Hole diameters

Our needles are available in wire size from 0.28 to 1.58 mm and with hole size from 0.15 to 1.30 mm.

Hole with chamfer and precise wire size adapted to attach all suture threads.



Needle attachment

FAST AND RELIABLE
QuickTach III® is designed for productivity and reliability of suture-needle attachment. Adaptable to your existing dies set, the machine is user friendly.



ABOUT US

HIGH PERFORMANCE SUTURE NEEDLES

"For more than 60 years, SUTUREX & RENODEX is dedicated to manufacture high performance surgical needles for sutures. As one of the biggest manufacturers, the company produces and supplies suture needles worldwide.

Using exclusive stainless-steel materials, surgical needles are made from the quality, ENOVA® from the 300 series.

With a full comprehensive range, SUTUREX & RENODEX's surgical needles cover general surgery and specialty surgery such as cardiovascular, plastic surgery and sternal closure."

PRODUCT RANGE

| Needle Wire Size (1/100 mm) | Preco. Min Hole Size (1/100 mm) | Technical Max Hole Size (1/100 mm) | NEEDLE LENGTH (mm) | | | | | | | | | | | | | | | |
|-----------------------------------|--|---|-----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | 10 | 11 | 13 | 16 | 17 | 20 | 22 | 24 | 26 | 30 | 36 | 40 | 45 | 48 | 50 | 55 |
| 28 | 15 | 18 | | | | | | | | | | | | | | | | |
| 33 | 15 | 24 | | | | | | | | | | | | | | | | |
| 38 | 15 | 26 | | | | | | | | | | | | | | | | |
| 43 | 15 | 28 | | | | | | | | | | | | | | | | |
| 48 | 15 | 33 | | | | | | | | | | | | | | | | |
| 53 | 15 | 36 | | | | | | | | | | | | | | | | |
| 58 | 20 | 36 | | | | | | | | | | | | | | | | |
| 63 | 22 | 44 | | | | | | | | | | | | | | | | |
| 68 | 24 | 47 | | | | | | | | | | | | | | | | |
| 73 | 28 | 51 | | | | | | | | | | | | | | | | |
| 78 | 28 | 55 | | | | | | | | | | | | | | | | |
| 83 | 28 | 55 | | | | | | | | | | | | | | | | |
| 88 | 28 | 65 | | | | | | | | | | | | | | | | |
| 98 | 33 | 74 | | | | | | | | | | | | | | | | |
| 110 | 40 | 74 | | | | | | | | | | | | | | | | |
| 128 | 40 | 89 | | | | | | | | | | | | | | | | |
| 138 | 55 | 110 | | | | | | | | | | | | | | | | |
| 148 | 65 | 119 | | | | | | | | | | | | | | | | |
| 158 | 69 | 130 | | | | | | | | | | | | | | | | |

ASK US FOR TECHNICAL FEASIBILITY STUDY AND FREE TRIALS

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Available drilled-end sizes : 15 - 18 - 20 - 22 - 24 - 26 - 28 - 31 - 33 - 36 - 40 - 44 - 47 - 51 - 55 - 59 - 61 - 65 - 69 - 74 - 79 - 84 - 89 - 93 - 103 - 110 - 119 - 123 - 130
REQUEST US FOR DRILLING "DEEP"

HEADQUARTERS :

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