

Ideal combination - laser swaging and titanium coating

# SERANOX<sup>®</sup> TI

Surgical  
sutures



Improved tolera-  
bility thanks to  
titanium coating

Sustained swaging  
quality thanks to  
laser technology

Very high tensile  
strength



**SERAG  
WIESSNER**

## Sternum wire - SERANOX® TI

SERANOX® TI sternum wire is a significant new development from our team of scientists.

The novel titanium coating of the sternum wire speeds up the healing process. Titanium has also proved itself to be very well-tolerated in medical use. This does not, however, affect the extremely good mechanical properties of the steel wire. The new sternum wires also involve the use of modern laser technology. New laser swaging achieves a firm and durable combination. Sternum wires produced in this way have better ductility\* at the swaged end, no ridges, and a high needle pull-off strength.

SERANOX® TI is a non-absorbable suture material with a very high tensile strength and a very low level of tissue reaction. The raw material is a totally non-corroding stainless steel.



### Advantages of SERANOX® TI:

- Titanium coating - for more rapid healing
- Better tolerated by tissue
- Sure handling - slides smoothly through tissue
- Minimum breakage when twisted
- Laser swaging ensures a stable hold and sure passage of the needle even with high bending forces

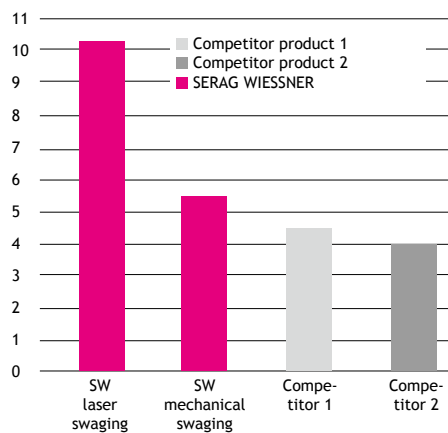
### Sternum wire - SERANOX® TI

#### Available combinations

Art. No MBO70146B	EP 7, USP 5
4 x 0,45 m	Needle: HRK-48
Pack size	12
Art. No MBO80146B	EP 8, USP 6
4 x 0,45 m	Needle: HRK-48
Pack size	12
Art. No MBO80136B	EP 8, USP 6
1 x 0,45 m	Needle: HRK-48
Pack size	12
Art. No MBO90146B	EP 9, USP 7
4 x 0,45 m	Needle: HRK-48
Pack size	12

Other products and combinations are available on request.

### Comparison of ductility\* EP 8



\* Good measure of the breaking strength of a needle = greater safety during surgery



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