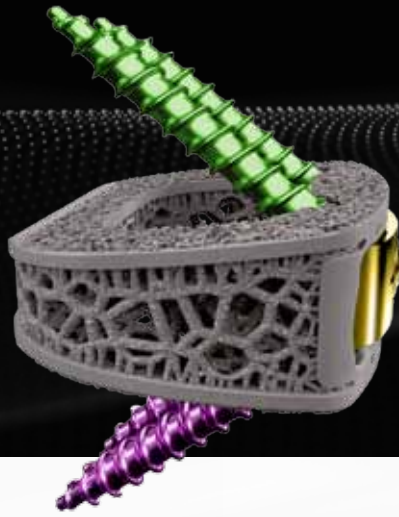


# Tesera-K SA

Anterior Lumbar (ALIF)  
Interbody Fusion System



## REVOLUTIONARY DESIGN

Tesera-K SA implants have been completely redesigned to increase patient safety during insertion, increase bone integration performance, and decrease the risk of subsidence & stress shielding.



**RESILIENCE**  
TECHNOLOGY



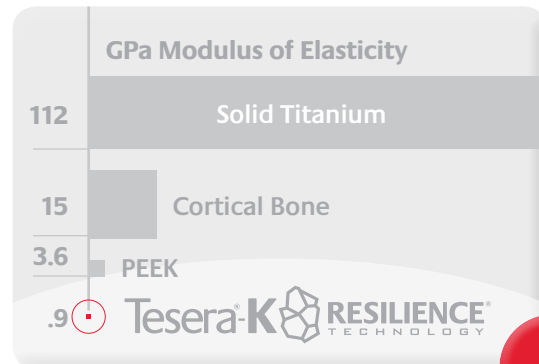
## SAFER INSERTION

Tesera-K SA screw angles minimize the risk of soft tissue injury during insertion. Advanced inserters feature integrated drill guides for easier screw placement.

## ABOUT RESILIENCE® TECHNOLOGY

Our dual-wall lattice structure allows for ultra-low stiffness compared to traditional PEEK or titanium implants, reducing stress shielding and subsidence. Tesera-K implants are 3x less stiff than PEEK, and with the modulus range of cancellous bone.

## Better x-ray visibility through the implant



Elasticity of

.9

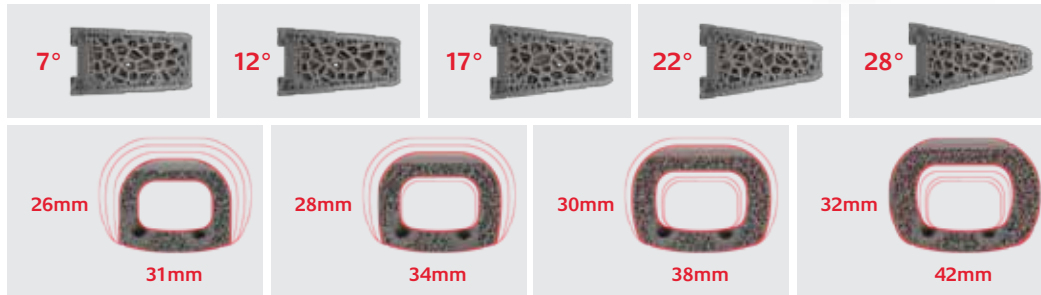
\* Average values for Tesera-K SA.  
Other product data on file with Kyocera.

## FULL ARRAY OF SIZES

Tesera®KSA implants are available in 4 footprints and 5 lordotic angles, with heights ranging from 11mm to 21mm, allowing for adaptability to nearly any patient anatomical needs.



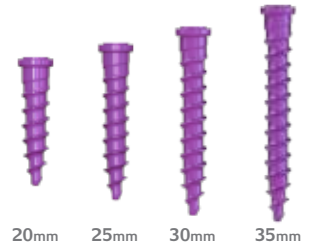
### LORDOTIC ANGLES



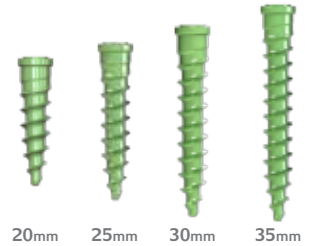
### FOOTPRINTS

### SCREW OPTIONS

PRIMARY / 4.5mm Diameter / Variable Angle



RESCUE / 5.0mm Diameter / Variable Angle





# Tesera®KSA

- Indicated for Standalone or Non-standalone use
- Resilience® low-modulus, load-sharing structure
- Tesera® Trabecular porous titanium surfaces
- 4-screw, stackable design
- Single step locking screw

Time 0



12 Weeks



Figure 1: Pictured above is a 75µm section view from a weight-bearing Ovine study showing bone ingrowth into the Tesera trabecular structure at 12 weeks.<sup>1</sup>

Titanium  
 Bone  
 Fibrous Tissue  
 Pore Space

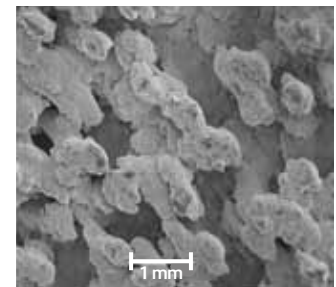


Figure 2: SEM image of the outer surface of the Tesera porous structure.<sup>2</sup>



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 4167-003 Rev B - 5/2026

#### References

1. Surgeries were performed at IMDS Discovery Research (Logan, Utah); processing and analysis of the specimens was conducted by the Bone and Joint Research Laboratory (Salt Lake City, Utah). Data on file with KYOCERA Medical Technologies Inc.
2. Data on file with KYOCERA Medical Technologies Inc. SEM Evaluation. Test Report K13047307-1.

\*\* The Ovine study data shown is representative of KYOCERA Medical Technologies' Electron Beam additively manufactured porous structure. Tesera®K SA implants are manufactured using a laser sintering additively manufactured porous structure, but are representative of the Electron Beam porous structure.