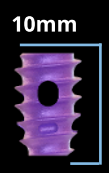
SURGENTEC®

ION 3D™

FACET SCREW SYSTEM

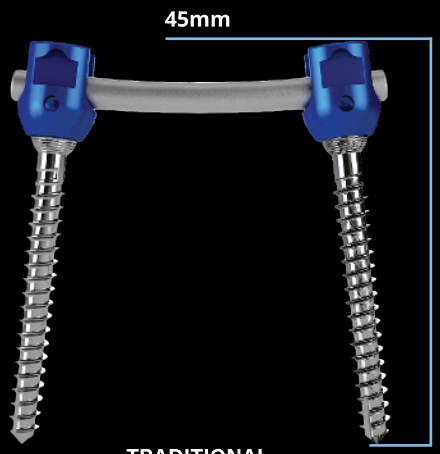
What would your patient choose?



ION 3D™

TRADITIONAL FACET SCREW

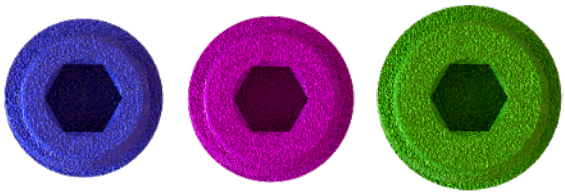
INTERSPINOUS SPACER



TRADITIONAL PEDICLE SCREW

Screw Sizes

ION 3D™ is available in a range of sizes to offer tailored solutions for diverse anatomies.



5.5mm | 6.0mm | 6.5mm

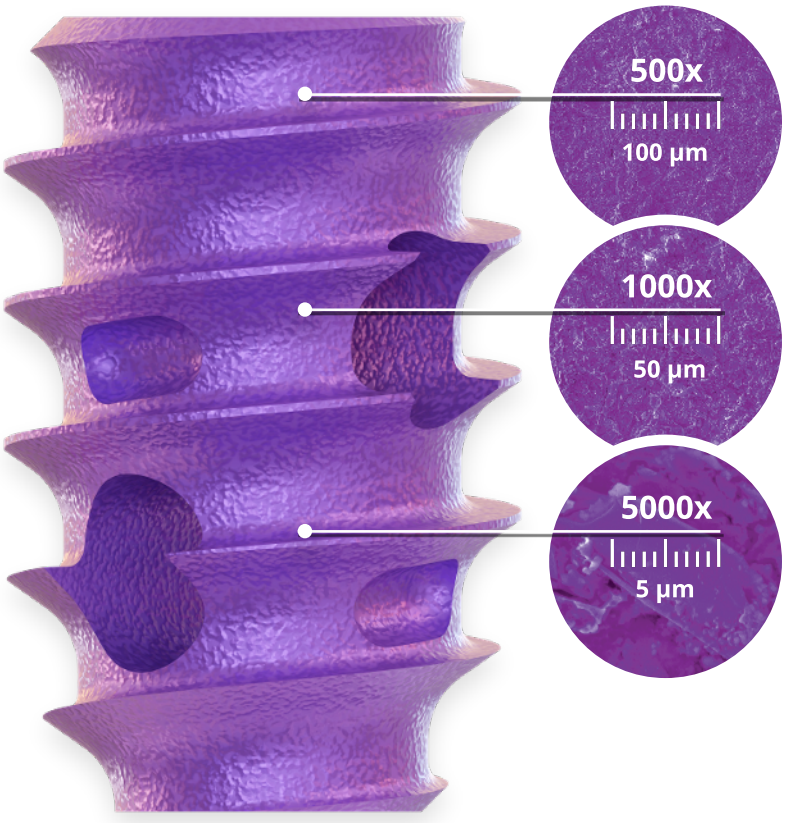
Wide thread pitch to help resist migration

Windows designed to enhance bone ingrowth and integration

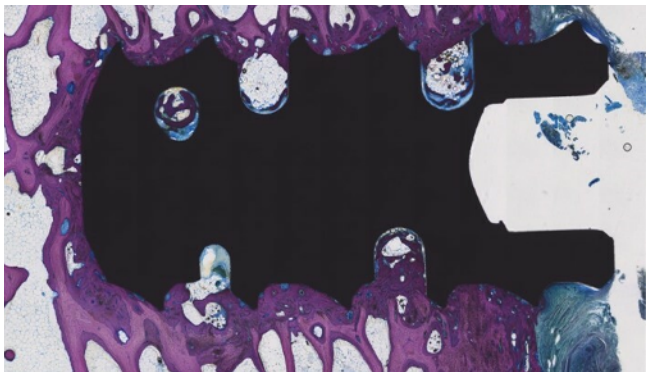
Tapered tip for ease of insertion

Nanotex® Surface Technology

Developed with Osteointegration in mind



Histology Review



Ovine spine study at three (3) months revealed mature bone formation to Nanotex® surface with no delamination[2]

This information is based on an animal study of the Ion 3D device, and may not be representative of clinical performance

Blood Wicking

The hydrophilic surface created by Nanotex technology takes advantage of ionic bonds to attract and hold blood, BMA, and other fluids that may contain key growth factors necessary for osteointegration[2].

1. Taniguchi, N., Fujibayashi, S., Takemoto, M., Sasaki, K., Otsuki, B., Nakamura, T., ... & Matsuda, S. (2016). Effect of pore size on bone ingrowth into porous titanium implants fabricated by additive manufacturing: An in vivo experiment. Materials Science and Engineering: C. 59, 690-701

2. This information is based on an animal study of the Ion 3D device, and may not be representative of clinical performance