



NanoHive Medical

HIVE™ Innovation

NanoHive's spinal fusion Soft Titanium® technology reduces implant stiffness, making it comparable to PEEK, while providing similar load bearing strength as bones.

The patented, energy absorbing rhombic dodecahedron lattice creates a base structure similar to cancellous bone. This provides ideal biomechanical elastic modulus properties and stimulates and strengthens bone formation.

The "four pillars" of the technology are:

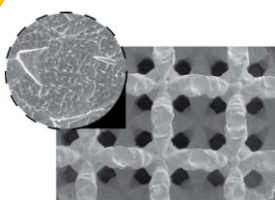
- **Stiffness** — Lower stiffness than bone, designed to reduce the risk of subsidence.
- **Ingrowth** — New bone can grow through the entire implant, not just around it or onto it.
- **Ongrowth** — Surface technology helps stimulate new bone formation.
- **Imaging** — Improved radiographic imaging to help surgeons.



LOWER STIFFNESS THAN BONE



ADVANCED SURFACE TECHNOLOGY



IMPROVED IMAGING



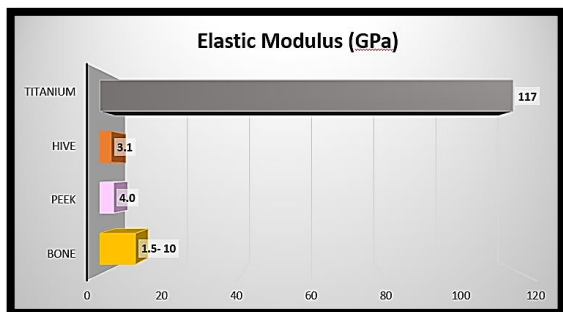
PRECISION SPINE®

Discover the Difference



Reduced Stiffness

HIVE™ interbodies using Soft Titanium® technology have an elastic modulus similar to PEEK.



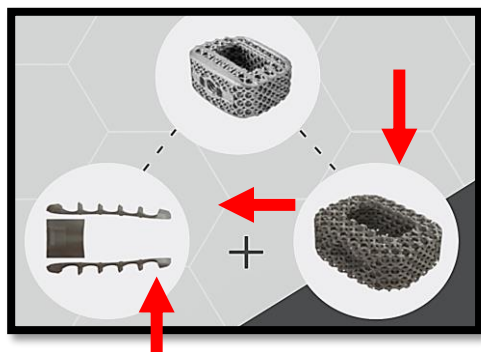
Improved Radiographic Imaging

Shows minimal scatter and lucent X-ray images.



Unique Design

Independent endplates combined with the load bearing lattice provides an optimal construct for fusion.



Body Ingrowth

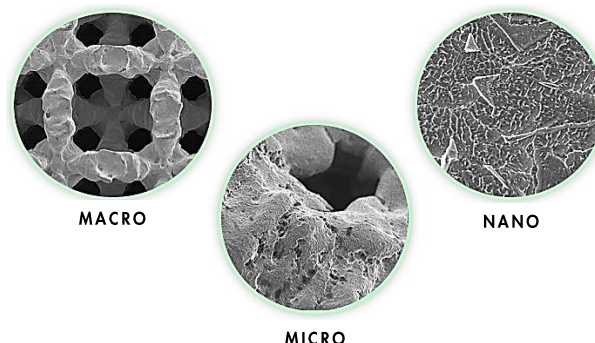
Approximately 70% porous by volume with 300-900µm pores to retain flowable DBM. Open cell channels from endplate to endplate maximize bony in-growth potential.



DBM Insertion in ALIF Only

Advanced Surface Technology

A surface treatment is applied throughout the implant to optimize the environment (surface roughness and wettability) for improved and faster bony on-growth.



Sizing

HIVE™ AL ALIF

32x26mm & 38x26mm
8°, 15° & 22° Lordosis
11, 13, 15 & 17mm Heights

HIVE™ C Cervical

15x12mm & 18x14mm
6° Lordosis
5-12mm Heights

HIVE™ PL (straight) & TL (curved) TLIF

9x26mm	0° Lordosis,	6-15mm Heights
9x26mm	8° Lordosis	8-14mm Heights
9x26mm	18° Lordosis	11 & 13mm Heights
10x30mm	10° Lordosis	10 -15mm Heights
11x28mm	0° Lordosis	7-15mm Heights
11x32mm	8° Lordosis	7-15mm Heights (Curved)

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