



	CONSTRUX™ Mini PEEK	CONSTRUX™ Mini PTC	CONSTRUX™ Mini Ti
FDA Clearance	IBD Two Contiguous Levels (C2-T1) Partial VBR One Level (T1-L5) ¹	IBD Two Contiguous Levels (C2-T1)	IBD Two Contiguous Levels (C2-T1)
Material(s)	PEEK Optima	PEEK Optima & Porous Titanium Alloy (Ti-6Al-4V)	Porous Titanium Alloy (Ti-6Al-4V)
Footprint (W x L)	12 x 12, 15 x 12 15 x 15, 17 x 15	12 x 12, 15 x 12 15 x 15	12 x 12, 15 x 12 15 x 15, 17 x 15
Height	5mm – 12mm ²	6mm – 12mm ²	5mm – 12mm ²
Profile	Parallel, 5°, 10°	Parallel, 5°, 10°	Parallel, 5°, 10°, 15°
Key Features	Radiolucent implant with four titanium markers for enhanced intraoperative visibility	3D porous titanium with macro, micro, and nano-scale surface features	
	Anti-migration ribs for secure placement	PEEK core to obtain imaging properties while assessing fusion	Functional gradient porous structure with 80% porosity at the midline of the implant allows for increased fluoroscopic visualization
	Large center opening for packing bone grafting material		Large center opening with concaved inner walls for packing bone grafting material
	Straightforward instrumentation for easy implantation	1.5mm Ti endplates	Hyperlordotic profile option
Why Use?	▪ Radiolucent ▪ Low elastic modulus ▪ Historical usage preference ▪ Value pricing position	▪ Radiolucent core ▪ Low elastic modulus ▪ Ti supports osseointegration and osteoinduction³ ▪ Utilizes Nanovate™ Technology ▪ Premium pricing position	▪ Hyperlordotic profile option ▪ Ti supports osseointegration and osteoinduction³ ▪ Utilizes Nanovate™ Technology ▪ Premium pricing position
Material Stiffness (Young's Modulus)	4 GPa	8.94 GPa	21.7 GPa
Graft Packing Area (based on height)	12 x 12 = 0.28 – 0.85cc 15 x 12 = 0.38 – 1.17cc 15 x 15 = 0.53 – 1.62cc 17 x 15 = 0.57 – 1.77cc	12 x 12 = 0.28 – 0.69cc 15 x 12 = 0.39 – 0.98cc 15 x 15 = 0.55 – 1.40cc	12 x 12 = 0.24 – 0.65cc 15 x 12 = 0.33 – 0.90cc 15 x 15 = 0.43 – 1.26cc 17 x 15 = 0.49 – 1.45cc

¹ Lordotic implants greater than 5° profile are not to be used for a partial vertebral body replacement.

² Starting heights vary depending on lordotic profile.

³ Data on file (10118819-01)