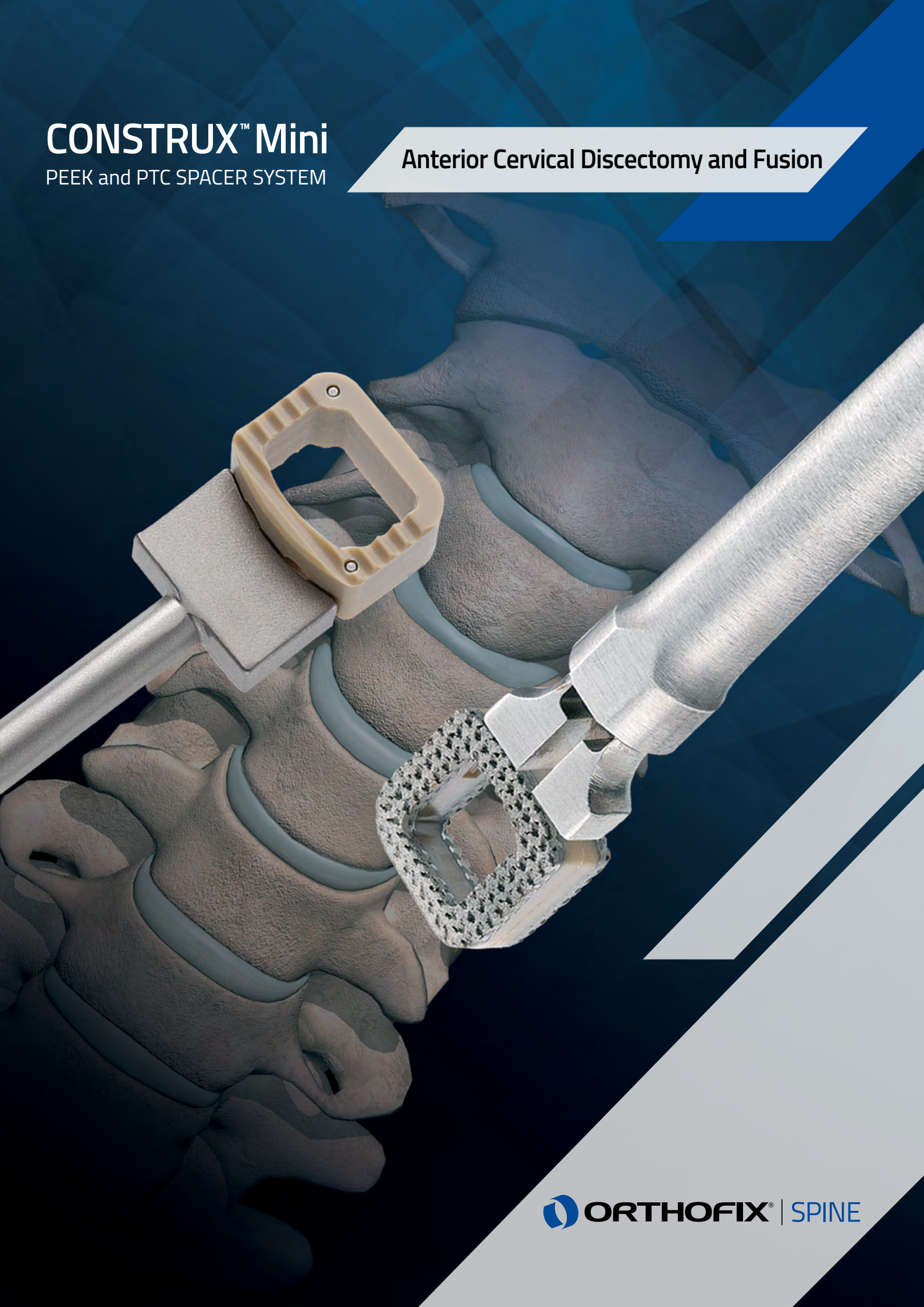
CONSTRUX™ Mini

PEEK and PTC SPACER SYSTEM

Anterior Cervical Discectomy and Fusion



ORTHOFIX® | SPINE

CONSTRUX™ Mini

PEEK SPACER SYSTEM

Simple yet comprehensive, reliable and amazingly versatile

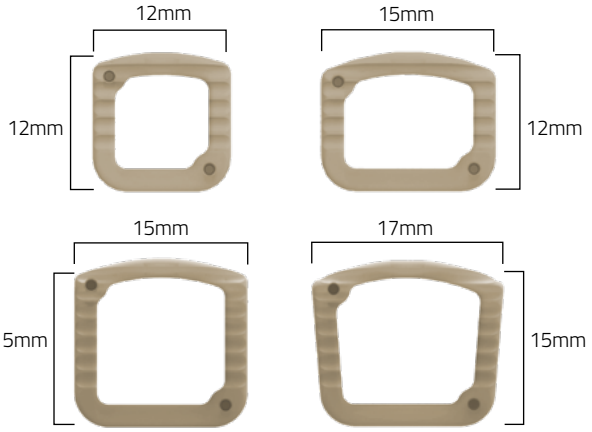
CONSTRUX™ Mini PEEK offers implant options with heights ranging from 5mm to 12mm as a cervical interbody. Its large graft window promotes fusion potential while its four footprint designs and lordotic angles cater to a broad range of patient anatomy. Aggressive anti-migration ribs grip the endplates and four titanium markers enhance intraoperative visibility.

Competitive Design Advantages

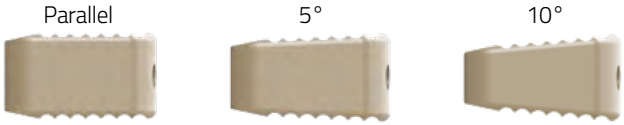
- Radiolucent implant with titanium markers for intraoperative visibility
- Anti-migration ribs for secure placement
- Large center opening for packing bone grafting material
- Multiple implant options enable various surgical solutions
- Straightforward instrumentation for easy implantation

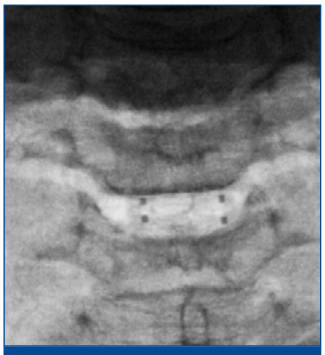
Four Footprints

- 12mm x 12mm
- 15mm x 12mm
- 15mm x 15mm
- 17mm x 15mm

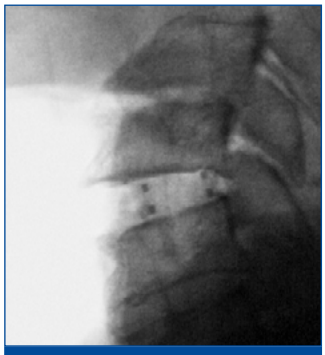


Three Profiles





AP Fluoroscopy of CONSTRUX Mini PEEK



Lateral Fluoroscopy of CONSTRUX Mini PEEK

CONSTRUX™ Mini

PEEK TITANIUM COMPOSITE SPACER SYSTEM

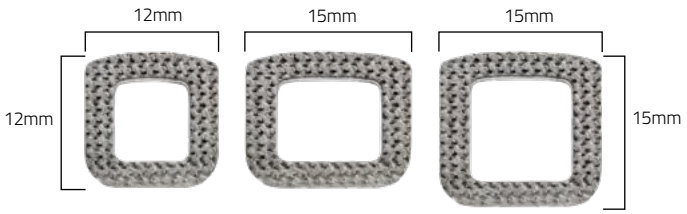
WITH NANOVATE™ TECHNOLOGY

Combines the advantages of PEEK and Titanium

The CONSTRUX™ Mini PTC Spacer System with Nanovate™ Technology has been designed to optimize Anterior Cervical Procedures with a proprietary technology that combines PEEK and titanium into a porous interbody solution for the cervical spine. This PEEK / Titanium hybrid is designed with an optimal porosity and pore size to create a 3D porous structure that allows the patient bone to grow into the porous titanium endplates. The implant also features a PEEK core with porous titanium endplates which allows for post and intraoperative imaging without image distortion. The CONSTRUX Mini PTC Spacer System offers three footprints to address the cervical interbody fusion solution. The implants are available in both parallel and lordotic angles with heights of 6mm-12mm in one-millimeter increments.

Competitive Design Advantages

- 3D porous titanium with macro, micro, and nano-scale surface features
- The nano-scale surface has been shown to increase proliferation and alkaline phosphatase activity (an early osteogenic differentiation marker) in human stem cells in vitro*
- 3D-printed titanium endplates with 400 micron pores and 50% porosity are design to help facilitate bone ingrowth**
- The endplates consist of interconnected gyroid structures analogous in form to trabecular bone which provide an open porous environment
- PEEK core to obtain imaging properties while assessing fusion
- Large center opening for packing bone grafting material



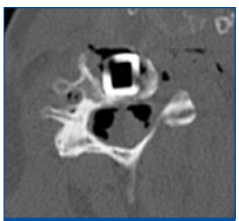
Parallel and Lordotic (5°)

- 6mm-12mm heights
- 1mm increments

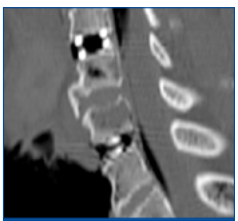
Lordotic (10°)

- 7mm-12mm heights
- 1mm increments

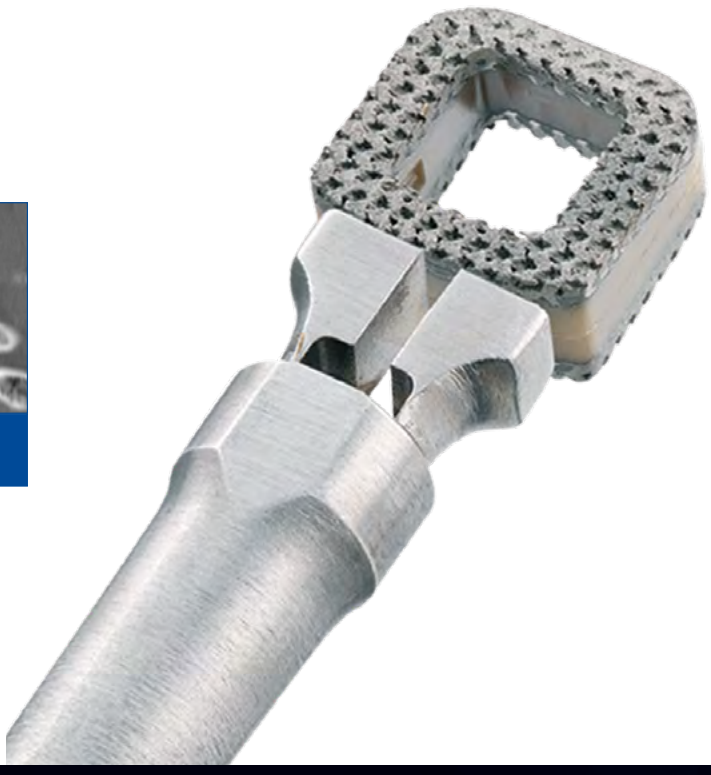
Lateral Fluoroscopy of CONSTRUX Mini PTC



Axial CT scan of CONSTRUX Mini PTC



Sagittal CT scan of CONSTRUX Mini PTC



*In vitro performance may not be representative of clinical performance
**As suggested in an in-vivo ovine lumbar spinal fusion model

Please visit Orthofix.com/IFU for full information on indications for use, contraindications, warnings, precautions, adverse reactions and sterilization.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician. Proper surgical procedure is the responsibility of the medical professional. Operative techniques are furnished as an informative guideline. Each surgeon must evaluate the appropriateness of a technique based on his or her personal medical credentials and experience.

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