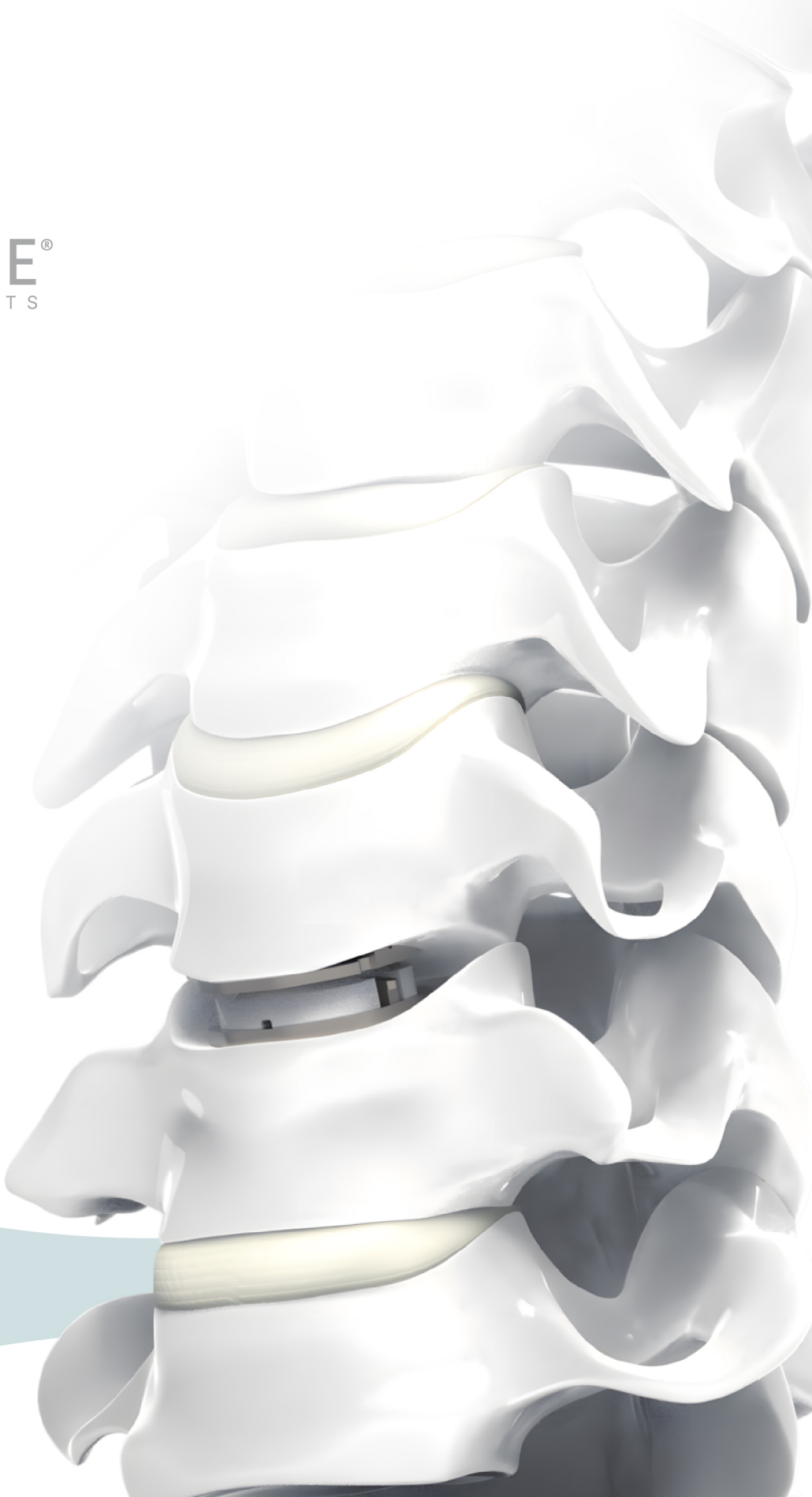
SPINE®
CONCEPTS



Mediox Cervical Intervertebral Disc System

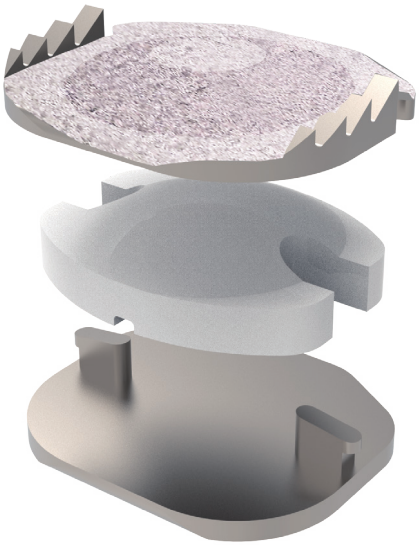
Features

Anatomically Shaped superior Endplate

The domed shape of the superior endplate matches the arc-shaped concave of the inferior endplate of the upper vertebral body, allowing the implant to be in close contact with the bone tissue.

Lateral Inclined Serrations

Ensure secure fixation with the dense peripheral vertebral endplate while facilitating the implantation of the prosthesis.



CoCrMo and Highly cross-linked Polyethylene (HXPE)

Renowned biocompatible materials, with optimized contact surfaces, providing a perfect balance and natural friction between flat and curved surfaces.

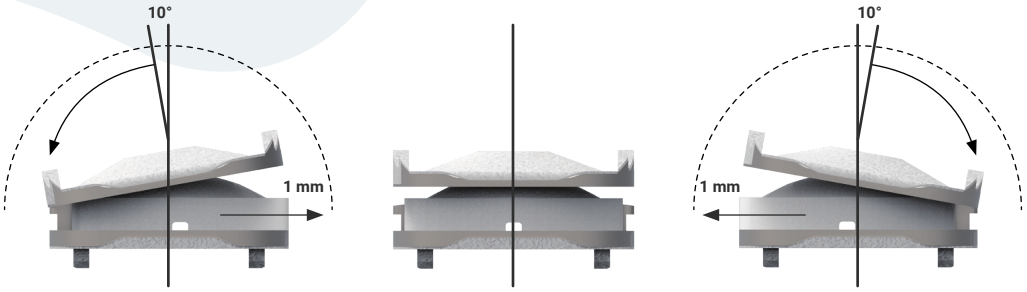
Plasma sprayed titanium and HA coated

Promote bone tissue growth for long-term stability.

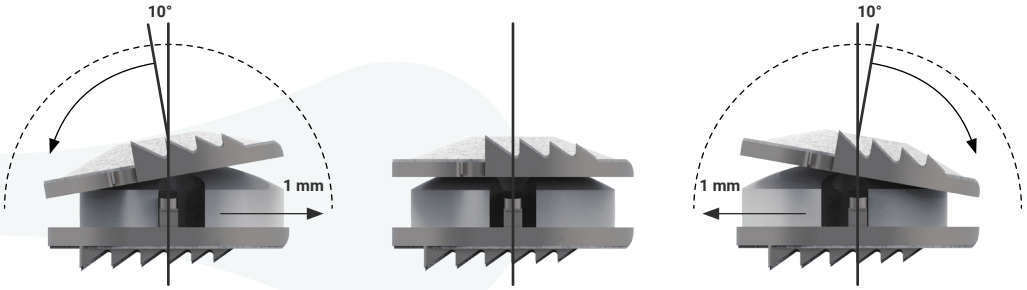
Tabs and Mobile bearing core

Control the range of motion, prevent disloca- tion, and ensure proper positioning of the superior vertebra induced by facet joint movement.

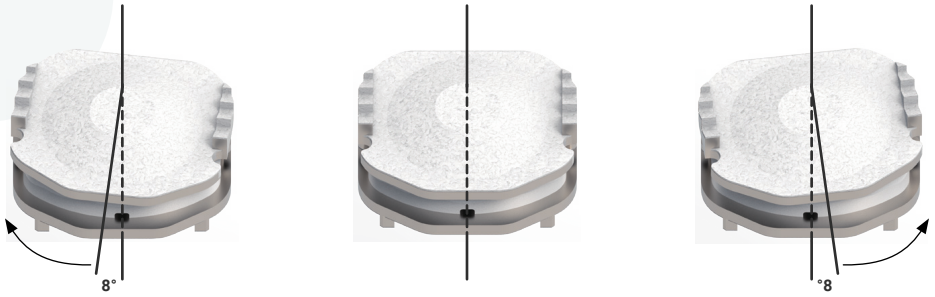
Mobility



Lateral bend +/-10°
Translation +/- 1 mm



Flexion/extension +/- 10°
Translation +/- 1 mm

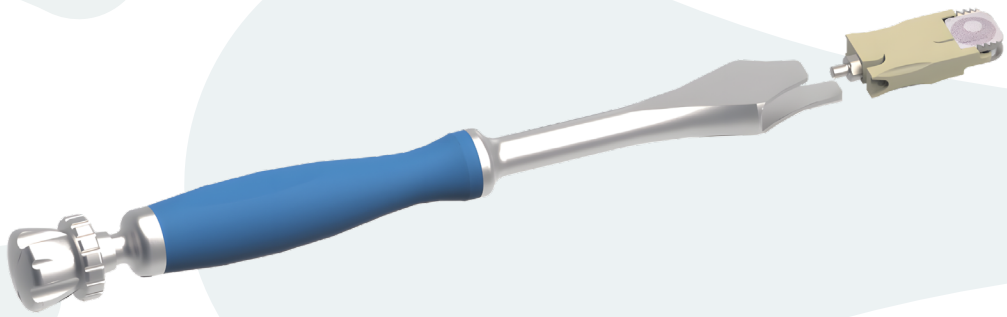


Rotation 8 °

No need to grind the endplate and groove the high ridge. No need screw to provide fixation, minimizing damage to the endplate and preventing settlement and fusion.

It protects the anatomy of adjacent segments and does not affect other types of surgeries on adjacent segments, such as fusion surgery.

Dedicated inserter and pre-assembled Peek clamp allows insertion more gently in one step, easy and safe.



Indications

- Level from C 3 to C 7
- Single-level or multi-level artificial disc replacement
- Cervical spondylosis of radiculopathy or myelopathy and cervical disc herniation require anterior decompression
- Correct conservative or drug treatment is ineffective