

PRODUCT BROCHURE

Solidity[®]

Vertebral Body Replacement

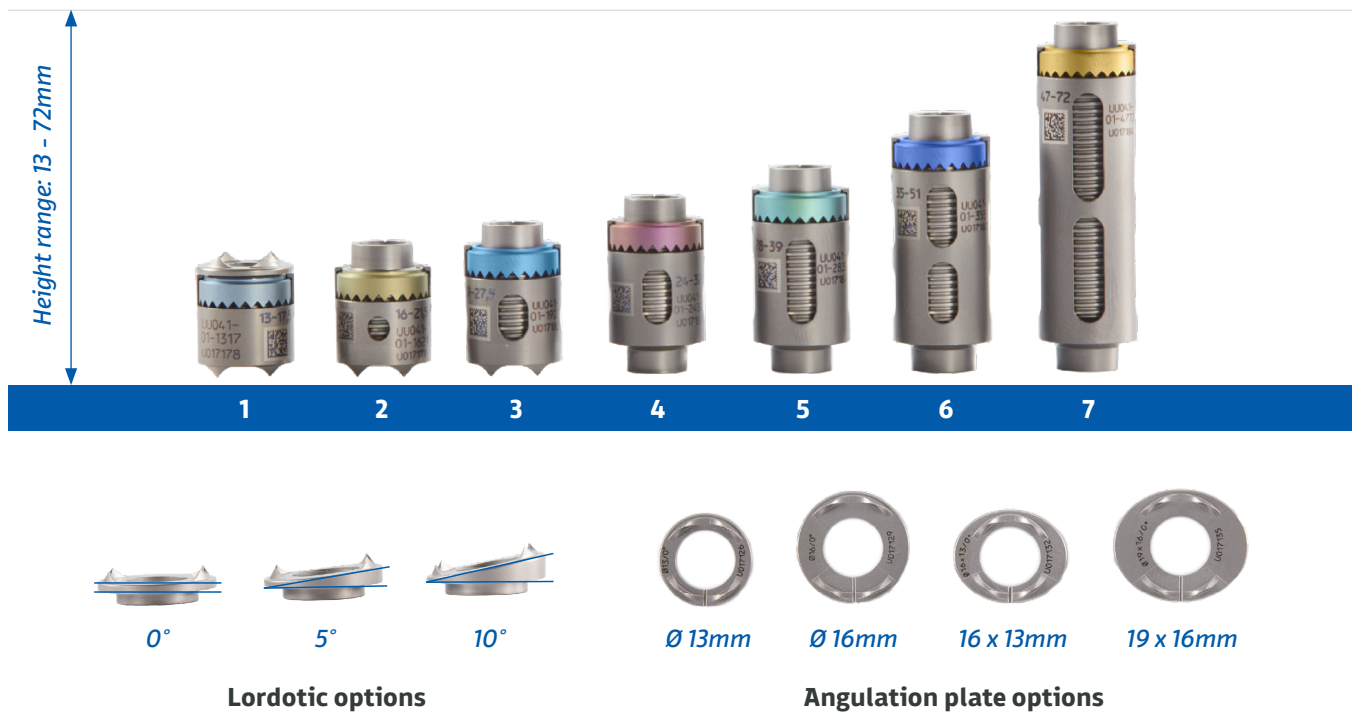


System

The Solidity Vertebral Body Replacement is used for the surgical reconstruction of defects of the thoracic and lumbar spine (T1-L5). It consists of a center piece with 625 unique angulation plate configurations available in one optimized set. With only a few simple-to-use instruments, a wide range of implants can be used to match unique patient anatomy and restore height and sagittal balance for spinal correction.

Center pieces are available in 7 heights and have color coded rings for easy identification. The angulation plates are available in circular and oval shapes, each in two sizes and three angulations. An extension ring is available to increase the footprint of the #2 and #3 center pieces as shown below. After expansion and removal of the inserter, the center piece will automatically lock. No additional step, such as the insertion of a locking or set screw, is required.

Solidity's innovative design allows for angulation plates to be attached in a full 360° orientation on the center piece, maximizing the range of device access to support any surgical approach. In addition, the angulation plates can be replaced or exchanged after a construct has been assembled, allowing surgeons to revise and fine-tune a construct as much as necessary to fit patient anatomy.



Indications

The Solidity Vertebral Body Replacement is intended for use during open surgical procedures in the thoracic and lumbar spine (T1-L5) to replace a collapsed, damaged, or unstable vertebral body due to tumor or trauma (e.g., fracture).

The Solidity is intended to be used with supplemental spinal fixation. The use of bone grafting material with the Solidity is optional.

Features

Implant

Two interchangeable angulation plates for heights starting at 24mm

Self-locking gear-driven expansion mechanism

Color coding for easy size identification

Large graft volume and oval shaped graft windows

Angulation plates feature multiple sizes, styles and angulations, with 1.5mm tall teeth (not included in construct height)

Easy to attach angulation plates can be oriented in any direction based on surgical approach

One interchangeable angulation plate and extension ring for heights from 16mm to 27.5mm

Extension ring to enlarge footprint of smaller height implants #2 and #3

Inserter

Low profile inserter for optimal visualization

Robust implant/inserter interface

Provides tactile feedback



Components

Implant	Product Number
Center piece, light blue, Ø 13mm, height 13-17.5mm, two fixed angulation plates	UU041-01-1317
Center piece, yellow, Ø 13mm, height 16-21.5mm, one variable angulation plate	UU041-01-1621
Center piece, turquoise, Ø 13mm, height 19-27.5mm, one variable angulation plate	UU041-01-1927
Center piece, magenta, Ø 13mm, height 24-32mm, two variable angulation plates	UU041-01-2432
Center piece, green, Ø 13mm, height 28-39mm, two variable angulation plates	UU041-01-2839
Center piece, blue, Ø 13mm, height 35-51mm, two variable angulation plates	UU041-01-3551
Center piece, bronze, Ø 13mm, height 47-72mm, two variable angulation plates	UU041-01-4772
Angulation plate, Ø 13mm, 0°	UU041-02-1300
Angulation plate, Ø 13mm, 5°	UU041-02-1305
Angulation plate, Ø 13mm, 10°	UU041-02-1310
Angulation plate, Ø 16mm, 0°	UU041-02-1600
Angulation plate, Ø 16mm, 5°	UU041-02-1605
Angulation plate, Ø 16mm, 10°	UU041-02-1610
Angulation plate, oval, 16x13mm, 0°	UU041-03-1300
Angulation plate, oval, 16x13mm, 5°	UU041-03-1305
Angulation plate, oval, 16x13mm, 10°	UU041-03-1310
Angulation plate, oval, 19x16mm, 0°	UU041-03-1600
Angulation plate, oval, 19x16mm, 5°	UU041-03-1605
Angulation plate, oval, 19x16mm, 10°	UU041-03-1610
Extension ring, Ø 16mm, 0°	UU041-04-1600

Solidity[®]
Highly Versatile. Precise.

- 360° assembly orientation
- 625 unique angulation plate configurations
- Angulation plates can be replaced or exchanged even after a construct has been assembled.