

GIZA™

ALL-IN-ONE EXPANDABLE &
ADJUSTABLE CORPECTOMY CAGE



The GIZA™ is the latest generation of titanium expandable Vertebral Body Replacement Systems. It allows surgeons to perform cervical, lumbar or thoracic Corpectomy procedures. To safely achieve this goal, the GIZA™ also features an open architecture, designed to allow bone growth. The GIZA™ is designed to work with the anatomy in a modular fashion.

Each implant comes fully assembled and includes multiple angulation options that allow simple rotation of the implant's endplates. Adjustment of the implant height is securely achieved in-situ with a simple and reliable locking mechanism that maintains the implant in opening position and avoids compression.

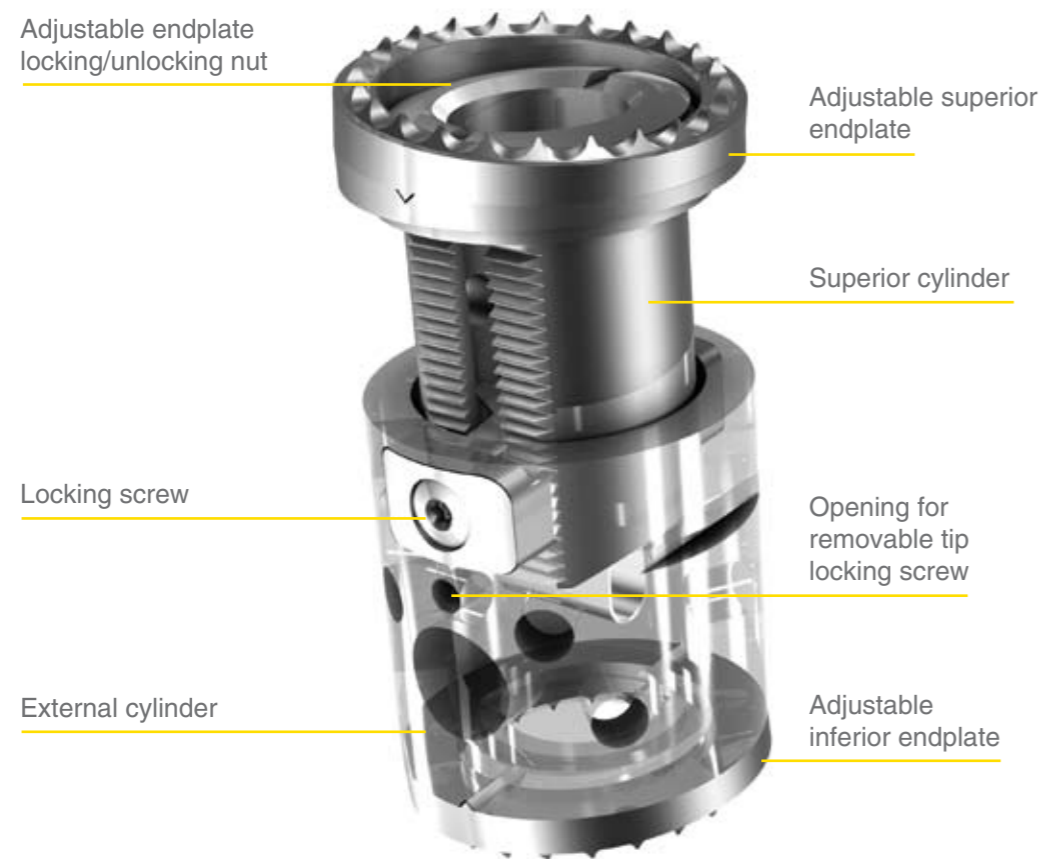
Multiple angulation options by simple endplate rotation



Step 1: unlock the endplate locking/unlocking screw.

Step 2: make a 180 degree rotation of the endplate.

Step 3: lock the endplate locking/unlocking screw again.



Intuitive instrumentation



The implant attachment to the tip is completely guiding. The screwdriver fit perfectly in the screw head.

The final locking step of the implant is completely secured, thanks to the guiding tip, which aligns the screwdriver and implant locking screw perfectly.

Intuitive connection of the tips



One instrument for introduction and in-situ distraction. Three pairs of removable tips are available; one for each implant diameter (i.e. 14, 21 & 27 mm).

IMPLANT CONFIGURATION

Diameter	Height	Angle
Ø 14 mm	18-22 mm	2°-5°
		5°-8°
	23-32 mm	2°-5°
		7°-10°
Ø 21 mm	33-54 mm	2°-5°
	22-26 mm	7°-10°
	27-36 mm	4°-8°-12°
Ø 27 mm	37-56 mm	4°-8°-12°
	28-36 mm	
	37-54 mm	
	55-90 mm	

KEY BENEFITS OF IMPLANT DESIGN

- Adjustable plates with multiple angulation options.
- Large surface contacts minimizing the risk of subsidence.
- Excellent fit with vertebral endplates.
- Pre-assembled device.
- Streamlined and intuitive instrumentation.
- Implants are delivered in sterile packaging.

CHARACTERISTICS

- In-situ expansion allows immediate axial stability of the Giza implant.
- Continuous and controlled distraction.
- Safe-locking mechanism.
- Locking mechanism at the desired distraction height.
- Easy to position or reposition with one single instrument.
- Spiked vertebral endplate to resist expulsion.
- Generous windows for communication between graft and surrounding tissues.
- One single instrument to hold and distract the Giza implant.
- Titanium alloy TA6V-ELI construct (ASTM F 136 and ISO 5832-3) is CT and MRI compatible.



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