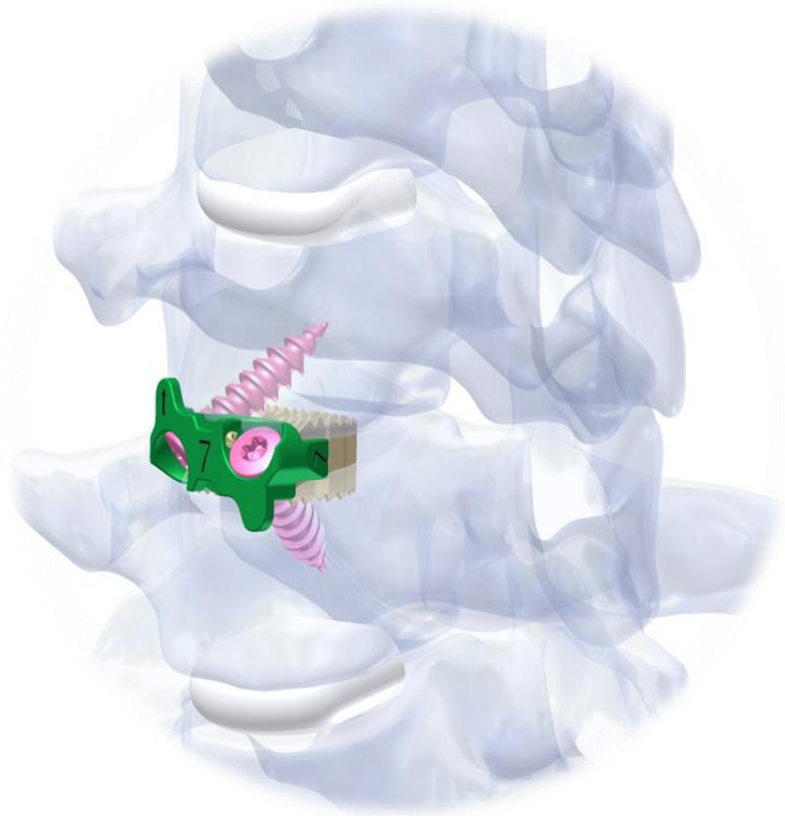


MINERVA™

Variable Angle ACIF Cage System



INTRODUCTION

The MINERVA™ Variable Angle ACIF Cage is a stand-alone interbody fusion device with internal screw fixation and is intended to be used in anterior cervical discectomy and fusion procedures, which combines the functionality of a cervical interbody spacer and benefits of an anterior cervical plate.

This system integrates a hollow PEEK spacer with a titanium screw locking mechanism and is designed to aid in cervical interbody fusion. A titanium marker is embedded into the cage to help visually confirm the posterior position under fluoroscopy. The interbody plate with stops is pre-attached to the PEEK spacer, the interbody plate with stops is automatically aligned upon implant insertion. The integrated design allows for rigid screw fixation without any added anterior profile.

The interbody device is offered in a variety of lengths, heights and lordotic angles.

Implant Features

- Zero-profile midline designed to minimize the risk of contact with vessels and adjacent soft tissues
- Prevents adjacent level ossification
- Easy of use

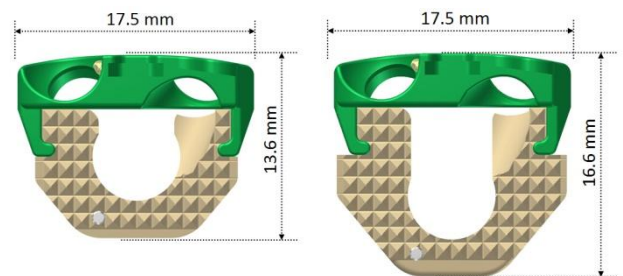
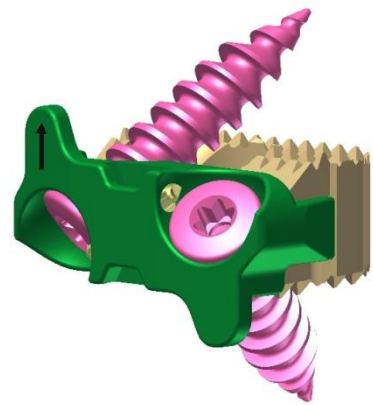
- Variable angle screws, designed with a wide range of allowable screw trajectories, potentially facilitate screw insertion.
- One-step blocking mechanism features audible, tactile and visual cues to confirm screw is blocked upon insertion.
- Small incision sizes are possible in comparison to plate and spacer usage.

■ Interbody Spacer

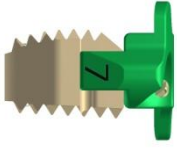
- Spacer component is made of a biocompatible radiolucent polymer (PEEK) which allows visualization and assessment of the bones to be fused.
- Teeth on the implant surface provide initial stability.
- Radiopaque marker for posterior visualization during imaging.

■ Interbody plate with stops

- Titanium alloy interbody plate provides a stable fixation with screws.
- Stresses in the interbody plate with stops are decoupled from the spacer through an innovative interface.
- Contralateral safety stops designed to prevent over insertion and align with the anterior surface of the vertebral bodies.

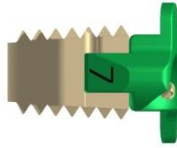


IMPLANT INFORMATION



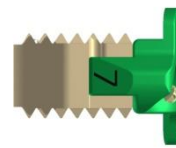
Standard MINERVA™ VA ACIF Cage Convex

HEIGHT	REF
5 mm	MOI 47201005
6 mm	MOI 47201006
7 mm	MOI 47201007
8 mm	MOI 47201008
9 mm	MOI 47201009
10 mm	MOI 47201010
11 mm	MOI 47201011
12 mm	MOI 47201012



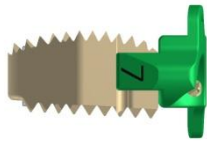
Standard MINERVA™ VA ACIF Cage Lordotic

HEIGHT	REF
5 mm	MOI 47202005
6 mm	MOI 47202006
7 mm	MOI 47202007
8 mm	MOI 47202008
9 mm	MOI 47202009
10 mm	MOI 47202010
11 mm	MOI 47202011
12 mm	MOI 47202012



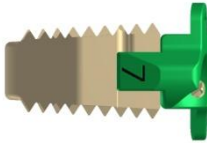
Standard MINERVA™ VA ACIF Cage Parallel

HEIGHT	REF
5 mm	MOI 47203005
6 mm	MOI 47203006
7 mm	MOI 47203007
8 mm	MOI 47203008
9 mm	MOI 47203009
10 mm	MOI 47203010
11 mm	MOI 47203011
12 mm	MOI 47203012



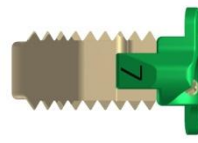
Large MINERVA™ VA ACIF Cage Convex

HEIGHT	REF
5 mm	MOI 47204005
6 mm	MOI 47204006
7 mm	MOI 47204007
8 mm	MOI 47204008
9 mm	MOI 47204009
10 mm	MOI 47204010
11 mm	MOI 47204011
12 mm	MOI 47204012



Large MINERVA™ VA ACIF Cage Lordotic

HEIGHT	REF
5 mm	MOI 47205005
6 mm	MOI 47205006
7 mm	MOI 47205007
8 mm	MOI 47205008
9 mm	MOI 47205009
10 mm	MOI 47205010
11 mm	MOI 47205011
12 mm	MOI 47205012



Large MINERVA™ VA ACIF Cage Parallel

HEIGHT	REF
5 mm	MOI 47206005
6 mm	MOI 47206006
7 mm	MOI 47206007
8 mm	MOI 47206008
9 mm	MOI 47206009
10 mm	MOI 47206010
11 mm	MOI 47206011
12 mm	MOI 47206012



Fixation Screw 3.7 mm Self-drilling

LENGTH	REF (TIT)
14 mm	MOI 37207014



Fixation Screw 3.7 mm Self-drilling

LENGTH	REF (TIT)
16 mm	MOI 37208016



Fixation Screw 3.7 mm Self-tapping

LENGTH	REF (TIT)
18 mm	MOI 37209018