V2-EVREN A.Ş

Vertebra Correction Stabilization Systems

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Vertebra Correction Stabilization System

VCSS Adult Ø6.35mm

VCSS Compact Ø5.5mm

VCSS Pediatric Ø4.5mm

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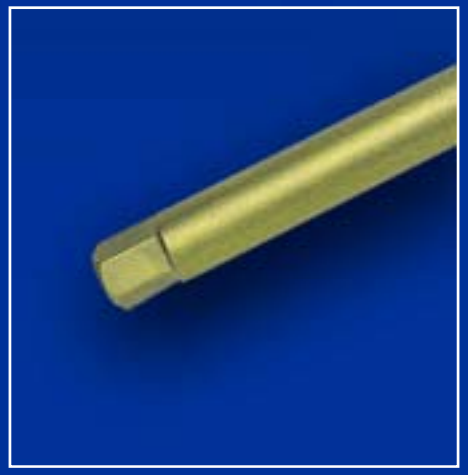
VCSS Ø6.35mm



VCSS Rods

Ø6.35mm Titanium (Ti 6Al 4V ELI)

60mm – 480mm Length

Hexagonal End

Semi Rigid

Smooth Surface

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VCSS Ø6.35mm

VCSS Polyaxial Screws

Titanium (Ti 6Al 4V ELI)

Screw Diameter are:

Ø4.5mm
Ø5.5mm
Ø6.5mm
Ø7.0mm
Ø8.0mm

Screw Length 25mm to 65mm

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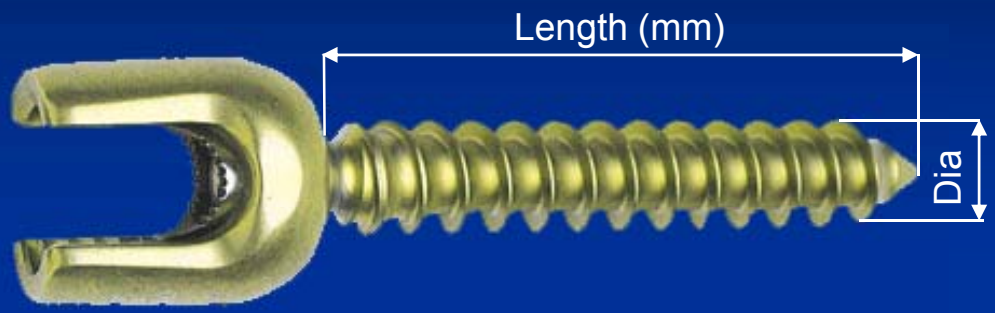
VCSS Ø6.35mm



Polyaxial Screws Table		Length mm								
		25	30	35	40	45	50	55	60	65
Diameters (Dia)	Ø4.5mm	👍	👍	👍	👍					
	Ø5.5mm	👍	👍	👍	👍	👍				
	Ø6.5mm			👍	👍	👍	👍	👍		
	Ø7.0mm			👍	👍	👍	👍	👍		
	Ø8.0mm			👍	👍	👍	👍	👍	👍	👍

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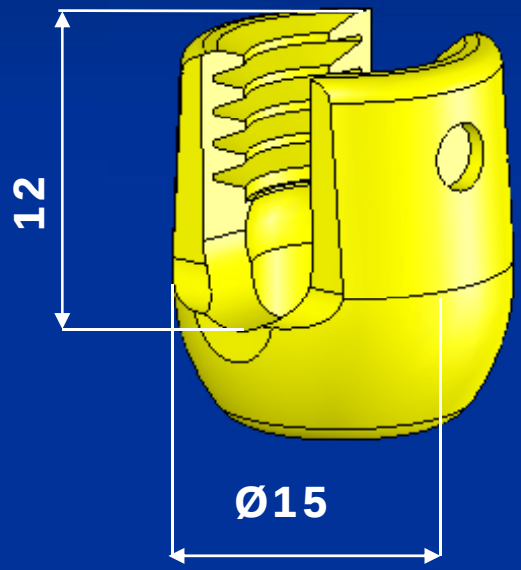
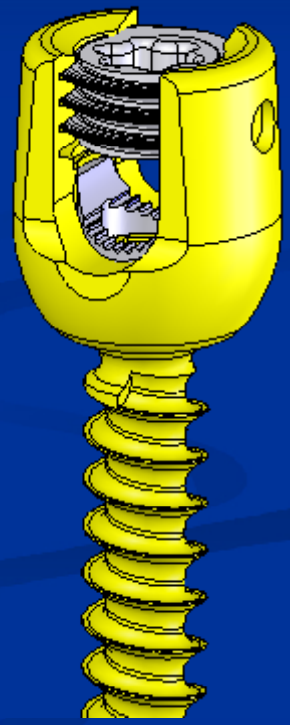
VCSS Ø6.35mm

Low Profile

Buttress Tread





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VCSS Ø6.35mm

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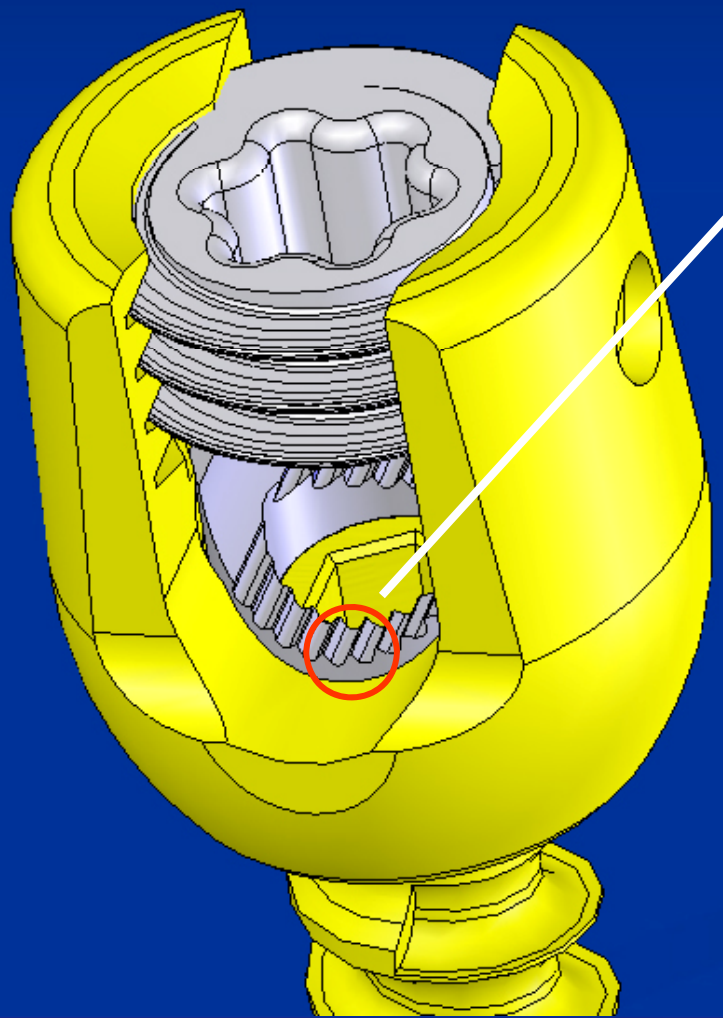

Secure Engagement

The screw trough is designed with interrupted splines to firmly grasp the rod. By design, the closed and open implants place less stress on rod, yielding improved construct fatigue life

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VCSS Ø6.35mm

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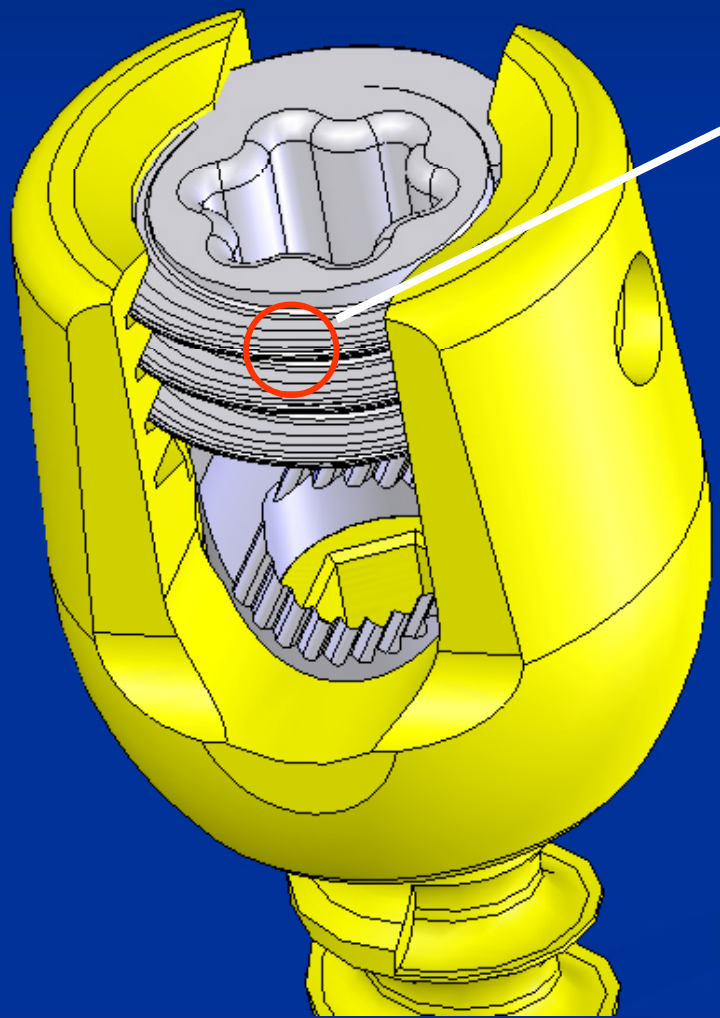

Top-tightening

The simplicity of the locking mechanism provides for better accessibility and visibility than side-tightening locking mechanisms.

- Buttress Thread
- One Step closure mechanism
- Minimizes cross threading ~10°

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VCSS Ø6.35mm

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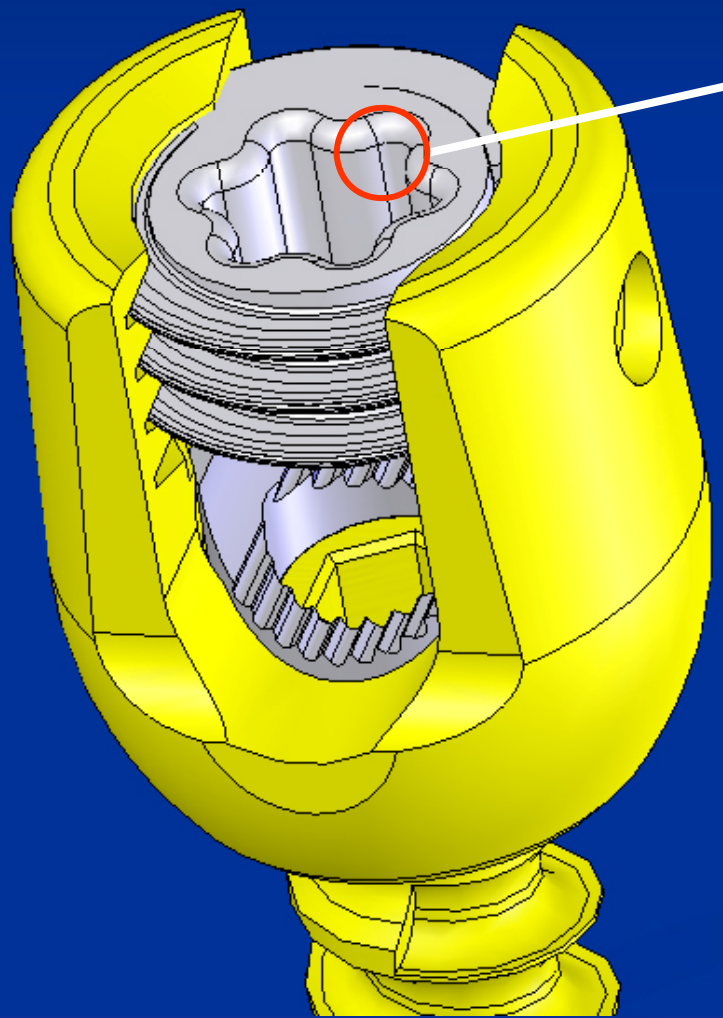

Internal Torx

The simplicity of the locking mechanism provides for better accessibility and visibility than side-tightening locking mechanisms.

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VCSS Ø6.35mm

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Self-tapping screw thread

In most cases, VCSS screws do not require tapping. However, for surgeons who prefer to tap, the system offers multiple tap sizes.

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VCSS Ø6.35mm

Tapered minor diameter

VCSS Screws are uniquely engineered to be strongest at high-stress points. Their tapered minor diameter, the result of extensive engineering analysis strikes an optimal balance between factors of pullout, bending strength and fatigue life.

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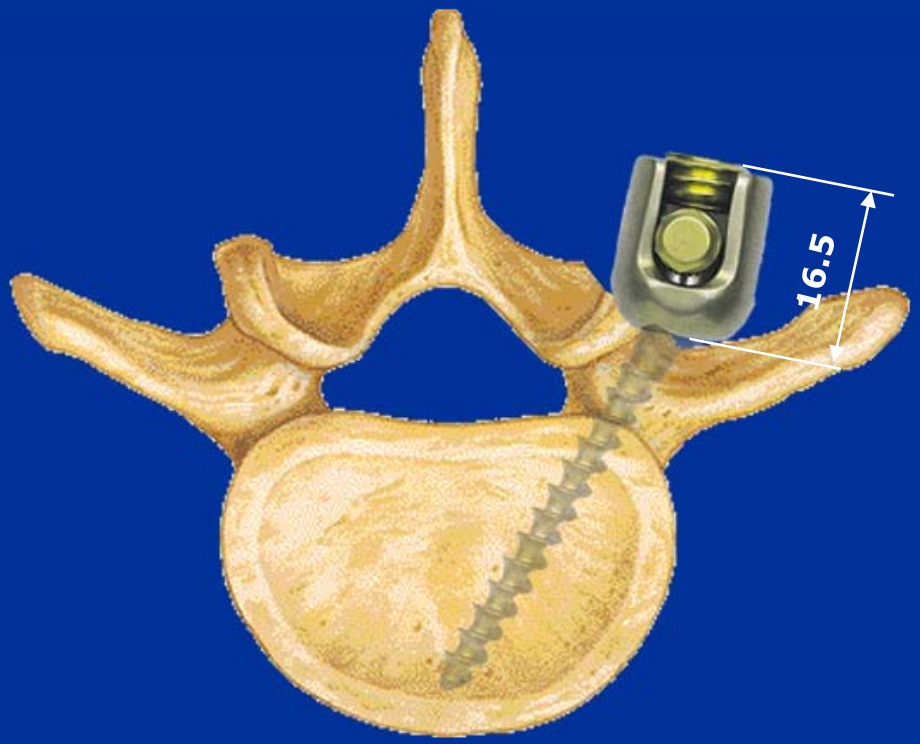
VCSS Ø6.35mm

Top-loading and top tightening



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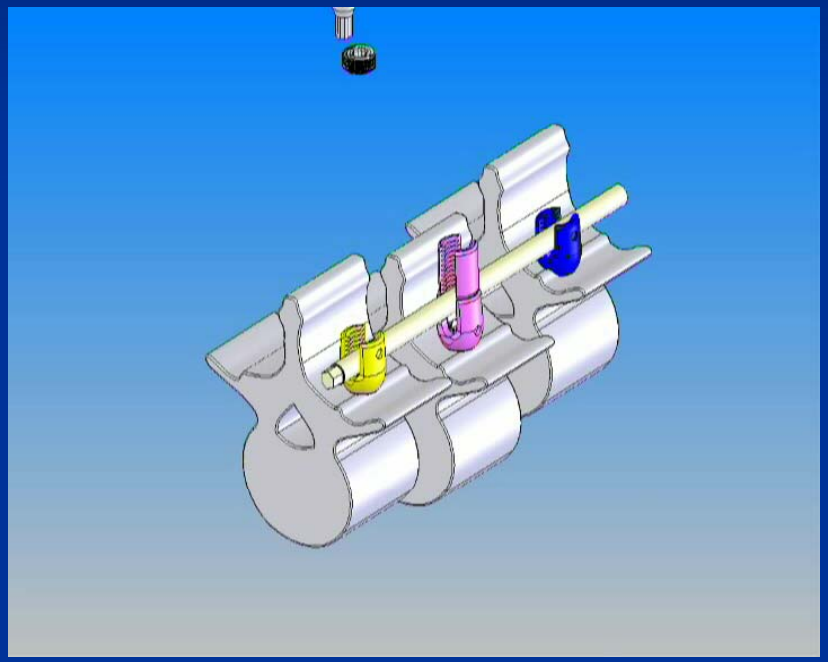
VCSS Ø6.35mm



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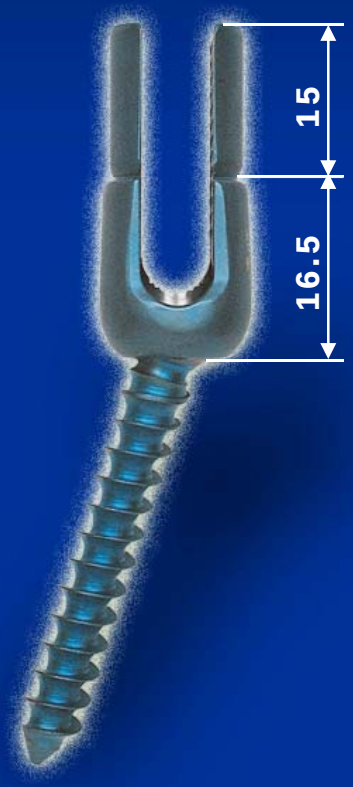
VCSS Ø6.35mm

V2-EVREN A.Ş



Spondilolistezis Polyaxial Screws

(Polyaxial Long Arm Screws)

- Low Profile
- Same locking mechanism

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VCSS Ø6.35mm

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Spondilolistezis Polyaxial Screws

(Polyaxial Long Arm Screws)

Reduction of spondylolisthetic vertebrae without instrument

Easy manipulation fo fix rod into the housing of the screw

Reduction and deformity correction purposes

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VCSS Ø6.35mm

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Spondilolistezis Polyaxial Screws

- Ø5.5mm, / 40mm to 55mm
- Ø6.5mm, / 40 to 55mm
- Ø7.0mm / 40 to 55mm

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VCSS Ø6.35mm

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Monoaxial Screws

- Low profile fixation and construct rigidity
- Same fixation whit Polyaxial Screws
- Ø5.5mm, / 30mm to 45mm
- Ø6.5mm, / 35 to 50mm
- Ø7.0mm / 40 to 50mm

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VCSS Ø6.35mm

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Iliac & Sacral Screws

- Low profile fixation
- Same locking mechanism
- Anatomical design

- Ø7.0mm, / 35mm to 45mm
- Ø8.0mm, / 95 to 50mm
- Ø9.0mm / 60 to 95mm

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VCSS Ø6.35mm

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Laminar & Pedicle Hooks

Open & Closed

- 8 types of Laminar Hooks
- 5 types of Closed Hooks
- Opens Offset Hooks
- Top-loading and top-tightening
- Positive Locking
- Anatomical designs
- Same locking mechanism

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VCSS Ø6.35mm

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Lateral & Axial Connectors

- 4 types Axial Connectors
- 2 types of Lateral Connectors
- Positive Locking
- Anatomical designs
- Ø6.35mm to Ø5.5mm

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VCSS Ø6.35mm

Locking Set Screws

- 3 types Set Screws

Buttress Thread

Torx Locking

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