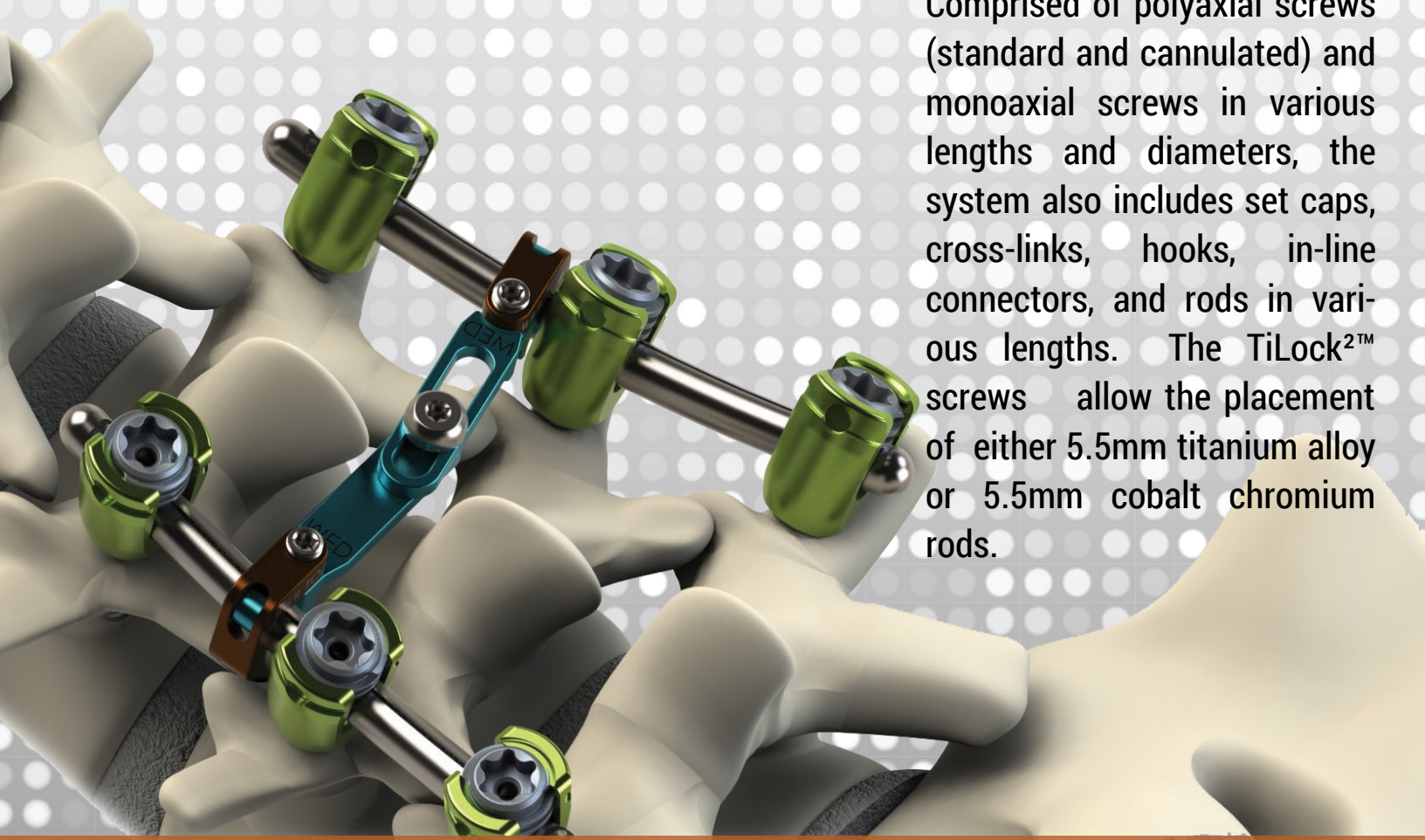


# Genesys spine<sup>®</sup>

The TiLock<sup>2</sup><sup>™</sup> Spinal System is a versatile solution for single or multi-level fixation to treat a range of spinal pathologies. Comprised of polyaxial screws (standard and cannulated) and monoaxial screws in various lengths and diameters, the system also includes set caps, cross-links, hooks, in-line connectors, and rods in various lengths. The TiLock<sup>2</sup><sup>™</sup> screws allow the placement of either 5.5mm titanium alloy or 5.5mm cobalt chromium rods.



## TiLOCK<sup>2</sup><sup>™</sup> SPINAL SYSTEM

**Reduced Cross Threading**

Inverted box thread reduces cross threading and occurrences of tulip splaying, maintaining a secure fit between the tulip and the locking cap.

**Unique Thread Design**

Double-lead thread and an aggressive thread pitch promote rapid screw insertion and pullout resistance, resulting in a more stable construct.

**Self-Tapping Screw**

Allows quick capture for the initiation of screw insertion.



**Reduction**

7mm breakoff reduction tab.



**Proprietary Locking System**

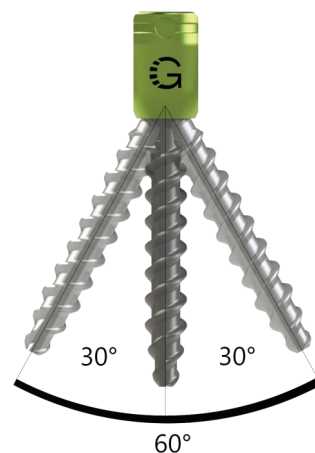
TiLock's proprietary OAI (Opposing Angle Interface) lock system reduces 'backing out' of the screw cap, as well as the resulting rod slippage.

**Polyaxial Head Design**

A polyaxial head allows for range of motion along multiple axes. This allows surgeons to make incremental adjustments to screw placement based on patient anatomy.

**Friction-Fit Tulip Design**

Creates a stable base for construct assembly. The low-profile tulip design allows for minimal implant projection superior to the rod.



**Rotation**

60° degrees of conical friction head rotation.

**Screw Dimensions**

Diameters	Lengths
4.5mm standard	25, 30, 35, 40, 45, 50, 55, 60mm
4.8mm cannulated	25, 30, 35, 40, 45, 50, 55, 60mm
5.5mm	25, 30, 35, 40, 45, 50, 55, 60mm
6.5mm	25, 30, 35, 40, 45, 50, 55, 60mm
7.5mm	25, 30, 35, 40, 45, 50, 55, 60mm
8.5mm	25, 30, 35, 40, 45, 50, 55, 60, 70, 80, 90, 100mm

**Features**

- Diameter-specific, color-coded polyaxial screws
- Pre-bent, pre-cut Ti Alloy rods minimize rod cutting and contouring
- Production designs include standard, reduction, and cannulated screws.
- Offset connectors \* Hooks \* Cross-Links \* Rod-to-Rod connectors