



You are here: [Home](#) / [Products](#) / [Thoracolumbar](#) / [TiLock2 Spinal System](#) / [TiLock2 Screws](#)

TiLock²™ Screws

The *TiLock²* Screws are available in standard and cannulated polyaxial screws and standard monoaxial* screws. The *TiLock²* Screws allow the placement of either 5.5mm titanium alloy or 5.5mm cobalt chromium rods.



1. **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.
2. **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.
3. **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.
4. **TiLock OAI: Proprietary opposing angle interface (OAI)** lock system reduces rod slippage as well as instances of set cap backout. Available in a Hex or Torx Head.
5. **Unique Thread Design:** Double-lead thread and an aggressive thread pitch promote rapid screw insertion and pull-out resistance, resulting in a more stable construct.
6. **Self-Tapping Screw:** Allows quick capture for the initiation of screw insertion.

<u>IMPLANT DIMENSIONS</u>		<u>FEATURES</u>
SCREW DIAMETER	SCREW LENGTHS	<ul style="list-style-type: none"> Diameter-specific, color-coded, multi-axial screws Pre-bent, pre-cut Ti Alloy rods minimize rod cutting and contouring
4.5mm (standard) / 4.8mm (cannulated)	25, 30, 35, 40, 45, 50, 55, 60mm	
5.5mm	25, 30, 35, 40, 45,	

	50, 55, 60mm	<ul style="list-style-type: none">• Production designs include standard and cannulated screws
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	

*monoaxial screws available upon request

Request more information

TiLock² Screws

Name *

First

Last

Email *

Phone *

Company Name *

Any additional message or question

SUBMIT

© 2017 Copyright Genesys Spine | [Disclaimer](#) | [Patents](#) | Website by [Woody Creative](#) | GENESYS

SPINE, the GENESYS SPINE Logo, TiLock PSS, the HELIOS Logo, BINARY, APACHE, and APACHE

INTERBODY SYSTEM are registered trademarks of Genesys Orthopedic Systems, LLC.

f **in**