



Optima[®] ZS Spinal Fixation System



The low-profile, in-line, polyaxial pedicle screw system

Optima[®] ZS

The Optima ZS Spinal Fixation System is a low-profile, in-line, polyaxial pedicle screw system that provides three-dimensional adjustability for simple, stable construct assembly.

Advanced Polyaxial System

The *Optima ZS* System's advanced polyaxial screw design allows optimal screw placement and simplified construct assembly.

Polyaxial screw

- Provides 57° of angulation
- Accommodates anatomical variations
- Reduces the need for precision coronal rod bending
- Makes construct assembly simple
- Provides greater flexibility in screw placement

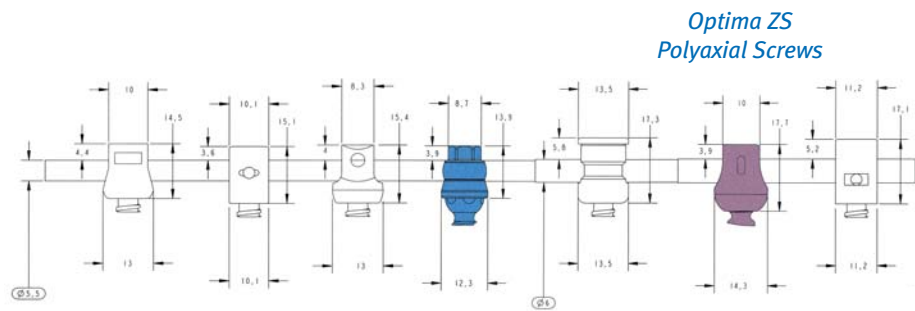
Modified square-thread (trapezoidal) set screw

- Reduces the potential for cross-threading
- Provides a one-step locking mechanism
- Contributes to overall low profile
- Maximizes locking performance with minimal torque



Compact screw head

- Results in low-profile and short run-on-rod
- Improves placement options in small anatomies
- Facilitates close-proximity screw placement



Tulip-shaped screw head

- Retains polyaxial nature after screw placement
- Allows screw approximation
- Allows deeper screw placement, contributing to overall low profile
- Retains polyaxial nature for adjustment and revision



Micro-step circumferential locking

- Spherical micro-ridges on the screw head ensures solid circumferential locking
- Increases mechanical stability



Self-tapping cylindrical screw

- Constant major and tapered minor diameters
- Maximizes screw purchase
- Provides maximum pull-out strength
- Eliminates the need for tapping

Simple, comprehensive implant and instrument trays

- Wide range of polyaxial, mono and reduction screws
- Easily identifiable, color-coded screws
- Efficient, three-tray configuration
- Intuitive, easy-to-use instrumentation for surgeon and staff



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