The popularity of Blackstone Medical’s Spinal Fixation System (SFS) stems from our commitment to create a top-loading system that is simple, comprehensive, reliable and versatile. From an innovative pedicle screw and rod assembly, the SFS has evolved into an expansive, low-profile spinal fixation system with the ability to address even the most complex spinal pathologies.

The Blackstone SFS advantage: The resourceful SFS pedicle screw system instruments and implants reliably and simply facilitate secure spinal fixation. Within the content of two cases, a myriad of implant sizes and a broad selection of tools are available to meet the surgeon’s specific approach to spinal fixation.

**SFS**
- Simple
- Comprehensive
- Reliable
- Versatile
Screw Design

Advanced Buttress Thread Design allows simple and secure engagement of the set screw.

- Minimizes transverse (spreading) forces applied to the multi-axial body.

- Cannulated counter-torque wrench and driver enhance co-axial communication of the set screw into the multi-axial body.

- Ensures procedural reliability and simplicity.

A plethora of standard and self-tapping pedicle screws augment the Blackstone Spinal Fixation System.

- 4.5 mm to 8.5 mm in diameter.
- 25 mm to 80 mm in length.

SFS versatility and resourcefulness are further reflected in the depth sizes of supplementary fixation implants.

- Two integral locking screws minimize surgical steps.
- 1.5 mm – 5.5 mm fixed connectors are available for thoracic applications.

- Adjoins the SFS and the Access™ POCT (Posterior Occipital Cervical Thoracic) System with the 3.0mm-to-5.5mm rod connector.

- Creates a contiguous assembly of coaxial SFS rod and pedicle screw constructs with the 3.5mm-to-5.5mm rod connector.

Greater intraoperative flexibility is provided by Multi-Axial Cross Connectors, which permit three planes of manipulation.

- Top-loading/top tightening for ease of placement on the rod.
- Low-profile/narrow geometry allows for placement with less bony dissection.

- Offers 6mm length adjustment, 20° rotation, and 25° of angulation to accommodate varying patient needs.

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COMPREHENSIVE

- Complementary fixation from the upper thoracic through the sacral region.

- Standard self-tapping screws from 4.5 to 8.5 mm in diameter and 25 to 80 mm in length.

RELATIVE

- Globally accepted.

- Advanced buttress thread design reduces transverse spreading forces on screw body, while increasing compressive forces on rod.

- Screw driver and cannulated counter-torque wrench assembly fosters set screw placement and reduces soft tissue obstructions.

- Consistent screw Shank diameter ensures uniform strength for all screw sizes.

- Screw Shank length facilitates seating all threads into the bone, transferring forces to the strongest aspect of the screw.

VERSATILE

- Single closure/top-loading implant design.
- Broad selection of screws and hooks.
- Full Range of cross-connectors, lateral offsets, washers, staples, and spacers.
- In-line axial connectivity.