



**FIREBIRD**<sup>®</sup>  
SPINAL FIXATION SYSTEM

## The Power of Modularity





## The Power of Modularity

When addressing the needs of patients requiring spinal fusion, options matter. The Firebird Spinal Fixation System is a comprehensive implant and instrument platform designed for degenerative and deformity correction procedures in posterior thoracolumbar fusion applications. The system includes modular and pre-assembled implants and offers multiple head and rod options to address single level to complex multi-level fusions.

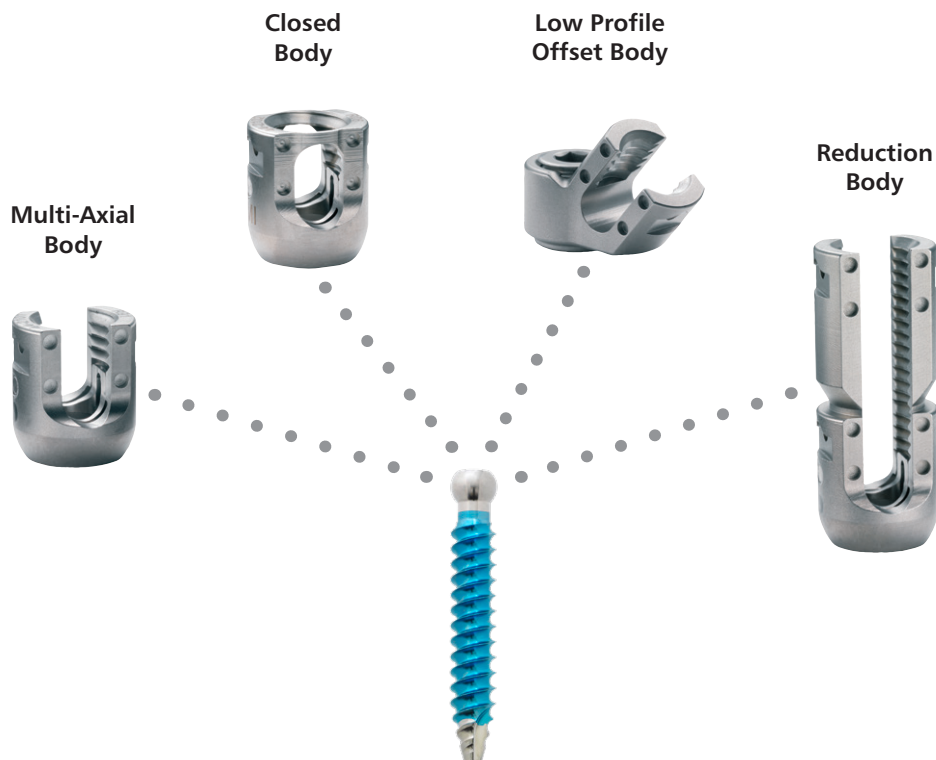
### Pedicle Screw Options

- Color coded by screw diameter
- Modular and pre-assembled screws
- Optional Cannulated HA coated modular screws\*
- Cannulated and non-cannulated screw options
- Modular bodies
  - Top loading body
  - Closed body
  - Offset body
  - Reduction body



### Implant Features

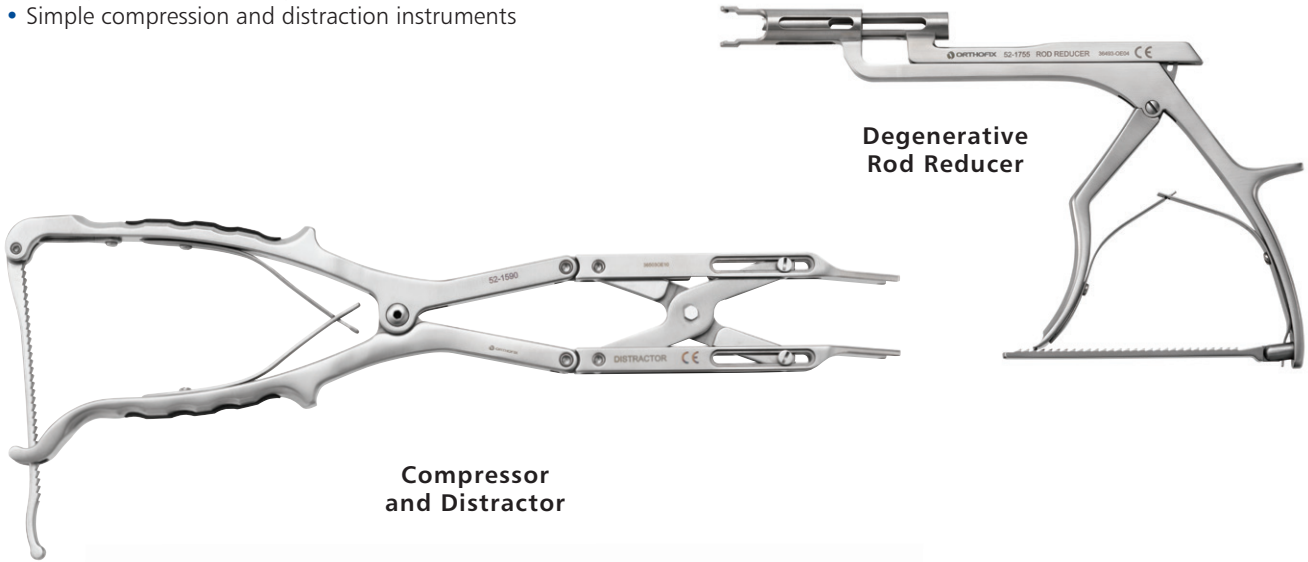
- Double lead bone screw thread
- Wide range of screw lengths
- 5.5mm diameter Titanium rods
  - Straight
  - Pre-lordosed



## Instruments Designed for Ease of Use

The Firebird Spinal Fixation System is designed with operating room efficiency in mind. The system includes a wide variety of ergonomically designed instruments to meet the individual needs of the surgeon.

- Straight and T-handle options for taps and screw drivers
- 4 unique rod reduction options
- Simple compression and distraction instruments



**Tubular Rod Reducer**



**Screw Driver**

## NON-CANNULATED SCREWS

### Assembled

Part#	Description
Multi-Axial / Self Tapping	
44-3425	4.5mm / 25mm
44-3430	4.5mm / 30mm
44-3435	4.5mm / 35mm
44-3440	4.5mm / 40mm
44-3445	4.5mm / 45mm
44-3525	5.5mm / 25mm
44-3530	5.5mm / 30mm
44-3535	5.5mm / 35mm
44-3540	5.5mm / 40mm
44-3545	5.5mm / 45mm
44-3550	5.5mm / 50mm
44-3555	5.5mm / 55mm
44-3630	6.5mm / 30mm
44-3635	6.5mm / 35mm
44-3640	6.5mm / 40mm
44-3645	6.5mm / 45mm
44-3650	6.5mm / 50mm
44-3655	7.5mm / 40mm
44-3745	7.5mm / 45mm
44-3750	7.5mm / 50mm
44-3755	7.5mm / 55mm
44-3840	8.5mm / 40mm
44-3845	8.5mm / 45mm
44-3850	8.5mm / 50mm

### Modular

Part#	Description
Bone Screw / Self Tapping	
44-5425	4.5mm / 25mm
44-5430	4.5mm / 30mm
44-5435	4.5mm / 35mm
44-5440	4.5mm / 40mm
44-5445	5.5mm / 35mm
44-5540	5.5mm / 40mm
44-5545	5.5mm / 45mm
44-5550	5.5mm / 50mm
44-5555	5.5mm / 55mm
44-5635	6.5mm / 35mm
44-5640	6.5mm / 40mm
44-5645	6.5mm / 45mm
44-5650	6.5mm / 50mm
44-5655	7.5mm / 40mm
44-5745	7.5mm / 45mm
44-5750	7.5mm / 50mm
44-5755	7.5mm / 55mm
44-5840	8.5mm / 45mm

## CANNULATED SCREWS

### Assembled

Part#	Description
Cannulated / Multi-Axial / Self Tapping	
77-7525	5.5mm / 25mm
77-7530	5.5mm / 30mm
77-7535	5.5mm / 35mm
77-7540	5.5mm / 40mm
77-7545	5.5mm / 45mm
77-7550	5.5mm / 50mm
77-7555	5.5mm / 55mm
77-7630	6.5mm / 30mm
77-7635	6.5mm / 35mm
77-7640	6.5mm / 40mm
77-7645	6.5mm / 45mm
77-7650	6.5mm / 50mm
77-7655	6.5mm / 55mm
77-7740	7.5mm / 40mm
77-7745	7.5mm / 45mm
77-7750	7.5mm / 50mm
77-7755	7.5mm / 55mm
77-7840	8.5mm / 40mm
77-7845	8.5mm / 45mm
77-7850	8.5mm / 50mm

### Modular

Part#	Description
Cannulated / Bone Screw / Self Tapping	
77-8535	5.5mm / 35mm
77-8540	5.5mm / 40mm
77-8545	5.5mm / 45mm
77-8550	5.5mm / 50mm
77-8555	5.5mm / 55mm
77-8635	6.5mm / 35mm
77-8640	6.5mm / 40mm
77-8645	6.5mm / 45mm
77-8650	6.5mm / 50mm
77-8655	6.5mm / 55mm
77-8740	7.5mm / 40mm
77-8745	7.5mm / 45mm
77-8750	7.5mm / 50mm
77-8755	7.5mm / 55mm
77-8840	8.5mm / 40mm
77-8845	8.5mm / 45mm

## HA COATED SCREWS

### Modular

Part#	Description
<b>Cannulated / Bone Screw / Self Tapping / Sterile</b>	
77-5525	5.5mm X 25mm
77-5530	5.5mm X 30mm
77-5535	5.5mm X 35mm
77-5540	5.5mm X 40mm
77-5545	5.5mm X 45mm
77-5550	5.5mm X 50mm
77-5555	5.5mm X 55mm
77-5625	6.5mm X 25mm
77-5630	6.5mm X 30mm
77-5635	6.5mm X 35mm
77-5640	6.5mm X 40mm
77-5645	6.5mm X 45mm
77-5650	6.5mm X 50mm
77-5655	6.5mm X 55mm
77-5725	7.5mm X 25mm
77-5730	7.5mm X 30mm
77-5735	7.5mm X 35mm
77-5740	7.5mm X 40mm
77-5745	7.5mm X 45mm
77-5750	7.5mm X 50mm
77-5755	7.5mm X 55mm
77-5825	8.5mm X 25mm
77-5830	8.5mm X 30mm
77-5835	8.5mm X 35mm
77-5840	8.5mm X 40mm
77-5845	8.5mm X 45mm
77-5850	8.5mm X 50mm
77-5855	8.5mm X 55mm

## OTHER IMPLANTS

Part#	Description
<b>Rod / Straight</b>	
52-2040	40mm
52-2050	50mm
52-2060	60mm
52-2070	70mm
52-2080	80mm
52-2090	90mm
52-2100	100mm
52-2110	110mm
52-2120	120mm
52-2140	140mm
52-2160	160mm
52-2180	180mm
52-2200	200mm
52-2450	450mm
<b>Rods, Pre-Lordosed</b>	
52-6035	35mm
52-6040	40mm
52-6045	45mm
52-6050	50mm
52-6055	55mm
52-6060	60mm
52-6065	65mm
52-6070	70mm
52-6075	75mm
52-6080	80mm
<b>Set Screw</b>	
44-2001	
<b>Set Screw / Offset Body</b>	
44-2002	
<b>Body / Top Loading</b>	
44-2101	
<b>Body / Closed</b>	
44-2102	

Part#	Description
<b>Offset Body</b>	
44-2308	8mm
44-2311	11mm
44-2314	14mm
<b>Cross Connector / Multi-Axial</b>	
55-5325	25mm
55-5330	30mm
55-5335	35mm
55-5340	40mm
55-5345	45mm
55-5350	50mm
55-5355	55mm
55-5360	60mm
55-5365	65mm
55-5370	70mm
55-5375	75mm
55-5380	80mm
<b>Cross Connector / Fixed</b>	
57-5315	15mm
57-5317	17mm
57-5319	19mm
57-5321	21mm
57-5323	23mm
57-5325	25mm
<b>Lateral Connector / Off Set</b>	
52-6315	15mm
52-6320	20mm
52-6325	25mm
<b>Rod Connector / Axial</b>	
52-6701	5.5mm / 5.5mm
<b>Rod Connector / Parallel</b>	
52-6801	5.5mm / F-F
52-6805	5.5mm / T-T



## REDUCTION IMPLANTS AND INSTRUMENTS

Part#	Description
44-2103	Body, Reduction
61-0112	Anti-Splay Cap Remover
61-0400	Tab Removal Tool
61-1265	Reduction Screw Counter Torque Wrench
61-1330	Mono-Axial Reduction Screw Driver
61-1331	Multi-Axial Reduction Screw Driver
61-7530	5.5mm x 30mm Mono Axial Reduction Screw, Self-Tapping
61-7535	5.5mm x 35mm Mono Axial Reduction Screw, Self-Tapping
61-7540	5.5mm x 40mm Mono Axial Reduction Screw, Self-Tapping

Part#	Description
61-7545	5.5mm x 45mm Mono Axial Reduction Screw, Self-Tapping
61-7630	6.5mm x 30mm Mono Axial Reduction Screw, Self-Tapping
61-7635	6.5mm x 35mm Mono Axial Reduction Screw, Self-Tapping
61-7640	6.5mm x 40mm Mono Axial Reduction Screw, Self-Tapping
61-7645	6.5mm x 45mm Mono Axial Reduction Screw, Self-Tapping
61-7740	7.5mm x 40mm Mono Axial Reduction Screw, Self-Tapping
61-7745	7.5mm x 45mm Mono Axial Reduction Screw, Self-Tapping
61-7750	7.5mm x 50mm Mono Axial Reduction Screw, Self-Tapping
68-0111	Anti-Splay Cap

## INSTRUMENTS

### Case 1, 44-0060

Part#	Description
52-1001	Bone Awl
52-1002	Bone Probe, Straight, Large
52-1003	Bone Probe, Curved, Large
52-1004	Dual Sounder, Small
52-1005	Dual Sounder, Large
52-1011	Ratcheting Handle, T-Handle
52-1013	Ratcheting Handle, Straight, Small
55-1006	X-ray Marker, Right
55-1007	X-ray Marker, Left
52-1024	4.5mm Bone Tap, Modular
52-1025	5.5mm Bone Tap, Modular

Part#	Description
52-1026	6.5mm Bone Tap, Modular
52-1027	7.5mm Bone Tap, Modular
52-1028	8.5mm Bone Tap, Modular
52-1830	Mono-Axial Screw Driver
52-1831	Multi-Axial Screw Driver
52-1832	Modular Screw Driver
52-1040	Trial Rod, 90mm
52-1041	Trial Rod, 200mm
52-1042	Trial Rod, 450mm
52-1308	Screw Sizing Template

### Case 2, 44-0070

Part#	Description
51-7100	Hook Holder, Regular, Straight
52-1013	Ratcheting Handle, Straight, Small
52-1038	Head Adjuster
52-1334	Decorticating Planar
52-1339	Multi-Axial Adjustment Driver
52-1581	Rod Inserter
52-1890	Hinged Distractor
52-1059	Set Screw Holder / Driver, Short

Part#	Description
52-1061	Set Screw Driver
52-1101	Cross-Connector Caliper
52-1102	Cross-Connector Bender, Right
52-1103	Cross-Connector Bender, Left
52-1104	Cross-Connector Driver
52-1512	Torque Limiting Handle
52-1765	Counter Torque Wrench

### Case 3, 44-0080

Part#	Description
51-1989	Tubular Rod Reducer
51-1990	Driver, Tubular Rod Reducer
52-1011	Ratcheting Handle, T-Handle
52-1046	Rod Bender
52-1050	Rod Pusher
52-1251	Rocker

Part#	Description
52-1755	Rod Reducer
51-1480	Rod Gripper
52-1070	In-Situ Rod Bender, Right
52-1071	In-Situ Rod Bender, Left
52-1590	Distractor
52-1591	Compressor

Please visit [Orthofix.com/IFU](https://www.orthofix.com/IFU) for full information on indications for use, contraindications, warnings, precautions, adverse reactions and sterilization.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician. Proper surgical procedure is the responsibility of the medical professional. Operative techniques are furnished as an informative guideline. Each surgeon must evaluate the appropriateness of a technique based on his or her personal medical credentials and experience.



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