



THORACOLUMBAR

Firebird™

SPINAL FIXATION SYSTEM



IMPLANTS DESIGNED WITH VERSATILITY IN MIND

Now there's a more comprehensive system to meet a greater array of posterior thoracolumbar spinal fixation procedures. The Firebird Spinal Fixation System is well suited for applications in Degenerative Disc Disease, Minimally Invasive Surgery and many Deformity procedures. This Mono and Multi Axial system provides an exceptional selection of screw bodies and bone screws with a double lead bone screw thread offered in Self-Tapping, Cannulated and Solid configurations. Additionally, the Firebird Spinal Fixation System meets a multitude of demanding surgical needs with its innovative, ergonomically designed instrumentation.

Implant availability

- Color-coded Multi and Mono Axial Titanium Screws
- Non-Modular and Modular Screws
- Cannulated and Solid Screws
- Self-Tapping
- Modular Bodies
 - Top Loading Body
 - Closed Body
 - Offset Body
 - Reduction Body

Other features include

- Double lead bone screw thread
- 4.5mm-8.5mm diameter screws*
- Screw lengths range from 25mm-110mm
- 5.5mm diameter Titanium rods
 - Straight
 - Pre-lordosed



* Other diameters available upon request

**INSTRUMENTS DESIGNED WITH
ERGONOMICS, AESTHETICS,
AND INNOVATION IN MIND**

Screw Driver

Locking feature prevents loss of co-axiality and screw disengagement



Screw Driver

Degenerative Rod Reducer

Trigger handled instrument for smooth, one-handed rod reduction



Degenerative Rod Reducer

Counter Torque Wrench

Bayonnetted working tip for straight forward, secure alignment of screw body to rod connection



Bayonnetted Counter Torque Wrench

Compressor and Distractor

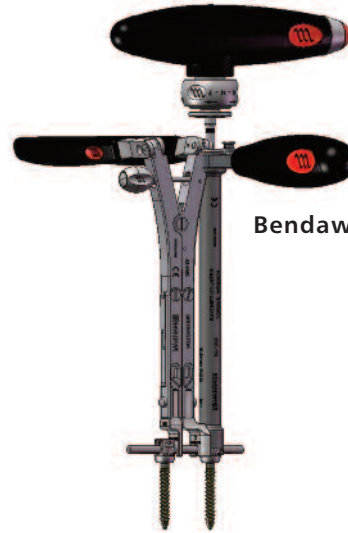
Bend away handles for improved visibility, broad modular tip selection to address various anatomical challenges



Compressor and Distractor

Ratcheting Torque Limiting Handle

FWD / REV ratchet, provides 100 in-lbs torque



Bendaway Handles



Ratcheting Torque Limiting Handle

NON-CANNULATED SCREWS

44-9010, Implant Case 1A, Non-Modular

Set Screw		44-3535	5.5mm / 35mm	44-3655	6.5mm / 55mm
44-2001		44-3540	5.5mm / 40mm	44-3740	7.5mm / 40mm
Multi-Axial / Self Tapping		44-3545	5.5mm / 45mm	44-3745	7.5mm / 45mm
44-3425	4.5mm / 25mm	44-3550	5.5mm / 50mm	44-3750	7.5mm / 50mm
44-3430	4.5mm / 30mm	44-3555	5.5mm / 55mm	44-3755	7.5mm / 55mm
44-3435	4.5mm / 35mm	44-3630	6.5mm / 30mm	44-3840	8.5mm / 40mm
44-3440	4.5mm / 40mm	44-3635	6.5mm / 35mm	44-3845	8.5mm / 45mm
44-3445	4.5mm / 45mm	44-3640	6.5mm / 40mm	44-3850	8.5mm / 50mm
44-3525	5.5mm / 25mm	44-3645	6.5mm / 45mm		
44-3530	5.5mm / 30mm	44-3650	6.5mm / 50mm		

44-9011, Implant Case 1B, Modular

Set Screw		Bone Screw / Self Tapping		44-5640	6.5mm / 40mm
44-2001		44-5425	4.5mm / 25mm	44-5645	6.5mm / 45mm
Set Screw / Off Set Body		44-5430	4.5mm / 30mm	44-5650	6.5mm / 50mm
44-2002		44-5435	4.5mm / 35mm	44-5655	6.5mm / 55mm
Body / Top Loading		44-5440	4.5mm / 40mm	44-5740	7.5mm / 40mm
44-2101		44-5445	4.5mm / 45mm	44-5745	7.5mm / 45mm
Body / Closed		44-5535	5.5mm / 35mm	44-5750	7.5mm / 50mm
44-2102		44-5540	5.5mm / 40mm	44-5755	7.5mm / 55mm
Offset		44-5545	5.5mm / 45mm	44-5840	8.5mm / 40mm
44-2308	8mm	44-5550	5.5mm / 50mm	44-5845	8.5mm / 45mm
44-2311	11mm	44-5555	5.5mm / 55mm		
44-2314	14mm	44-5635	6.5mm / 35mm		

CANNULATED SCREWS

44-9012, Implant Case 1C, Non-Modular

Set Screw		77-7550	5.5mm / 50mm	77-7740	7.5mm / 40mm
44-2001		77-7555	5.5mm / 55mm	77-7745	7.5mm / 45mm
Cannulated / Multi-Axial / Self Tapping		77-7630	6.5mm / 30mm	77-7750	7.5mm / 50mm
77-7525	5.5mm / 25mm	77-7635	6.5mm / 35mm	77-7755	7.5mm / 55mm
77-7530	5.5mm / 30mm	77-7640	6.5mm / 40mm	77-7840	8.5mm / 40mm
77-7535	5.5mm / 35mm	77-7645	6.5mm / 45mm	77-7845	8.5mm / 45mm
77-7540	5.5mm / 40mm	77-7650	6.5mm / 50mm	77-7850	8.5mm / 50mm
77-7545	5.5mm / 45mm	77-7655	6.5mm / 55mm		

44-9013, Implant Case 1E, Modular

Set Screw		Cannulated Bone Screw / Self Tapping		77-8745	7.5mm / 45mm
44-2001		77-8535	5.5mm / 35mm	77-8750	7.5mm / 50mm
Set Screw / Off Set Body		77-8540	5.5mm / 40mm	77-8755	7.5mm / 55mm
44-2002		77-8545	5.5mm / 45mm	77-8840	8.5mm / 40mm
Body / Top Loading		77-8550	5.5mm / 50mm	77-8845	8.5mm / 45mm
44-2101		77-8555	5.5mm / 55mm		
Body / Closed		77-8635	6.5mm / 35mm		
44-2102		77-8640	6.5mm / 40mm		
Offset		77-8645	6.5mm / 45mm		
44-2308	8mm	77-8650	6.5mm / 50mm		
44-2311	11mm	77-8655	6.5mm / 55mm		
44-2314	14mm	77-8740	7.5mm / 40mm		

STANDARD INSTRUMENTS

44-9020, Instrument Case 1

52-1001	Bone Awl	52-1011	Ratcheting T-Handle	52-1030	Mono-Axial Screw Driver
52-1002	Straight Bone Probe, Large	52-1024	4.5mm Bone Tap	52-1308	Screw Sizing Template
52-1003	Curved Bone Probe, Large	52-1025	5.5mm Bone Tap	52-1331	Multi-Axial Screw Driver
52-1004	Dual Sounder, Small	52-1026	6.5mm Bone Tap	52-1332	Modular Screw Driver
52-1005	Dual Sounder, Large	52-1027	7.5mm Bone Tap	55-1006	Right Marker
52-1010	Straight Ratcheting Handle	52-1028	8.5mm Bone Tap	55-1007	Left Marker

44-9030, Instrument Case 2

52-1035	Parallel Rod Connector Inserter	52-1050	Rod Pusher	52-1334	Decorticating Planar
52-1038	Head Adjuster	52-1059	Set Screw Holder / Driver, Short	52-1339	Multi-Axial Adjustment Driver
52-1040	Trial Rod, 90mm	52-1080	Rod Gripper	54-0007	Multi-Axial Body Inserter
52-1041	Trial Rod, 200mm	52-1081	Rod Inserter		
52-1042	Trial Rod, 450mm	52-1251	Rod Rocker		
52-1046	Rod Bender	52-1255	Rod Reducer		

44-9040, Instrument Case 3

52-1012	Ratcheting Torque Limiting Handle	52-1094	Tip, Offset		
52-1061	Set Screw Driver	52-1095	Tip, Angled Left	52-1103	Cross Connector Bender, Left
52-1070	In Situ Rod Bender, Right	52-1096	Tip, Angled Counter Torque Wrench, Left	52-1104	Cross Connector Driver
52-1071	In Situ Rod Bender, Left			52-1265	Bayonet Counter Torque Wrench
52-1090	Distractor	52-1097	Tip, Angled, Right		
52-1091	Compressor	52-1098	Tip, Angled Counter Torque Wrench, Right		
52-1092	Tip, Counter Torque Wrench				
52-1093	Tip, Parallel	52-1101	Cross Connector Caliper		
		52-1102	Cross Connector Bender, Right		

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Caution: Federal law (USA) restricts these devices to sale by or on the order of a physician. Products licensed under US patents 5,466,237 and 5,474,555 and covered by Blackstone patents 6,540,748 and 6,524,310.

⚠ Refer to the instructions for use supplied with product for specific information on indications for use, contraindications, warnings, precautions, adverse reaction information, and sterilization.

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1.888.298.5700
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