



THORACOLUMBAR FIXATION

PHOENIX™

Minimally Invasive Spinal Fixation System



Fewer Surgical Steps | Smaller Incisions



ORTHOFIX®

PHOENIX™

Minimally Invasive Spinal Fixation System

PATIENT FOCUSED

The Phoenix MIS screw body has a unique implant design for percutaneous and mini open approaches to spinal fixation. The MIS body has a pre-attached instrument tower which can be removed after assembly of the implant construct. This design permits a smaller working diameter and thereby helps reduce the surgical incision.

COMPREHENSIVE SYSTEM

The MIS modular body utilizes the Firebird™ modular screw system with its comprehensive offering of double lead, cannulated screws.



Modular Screw



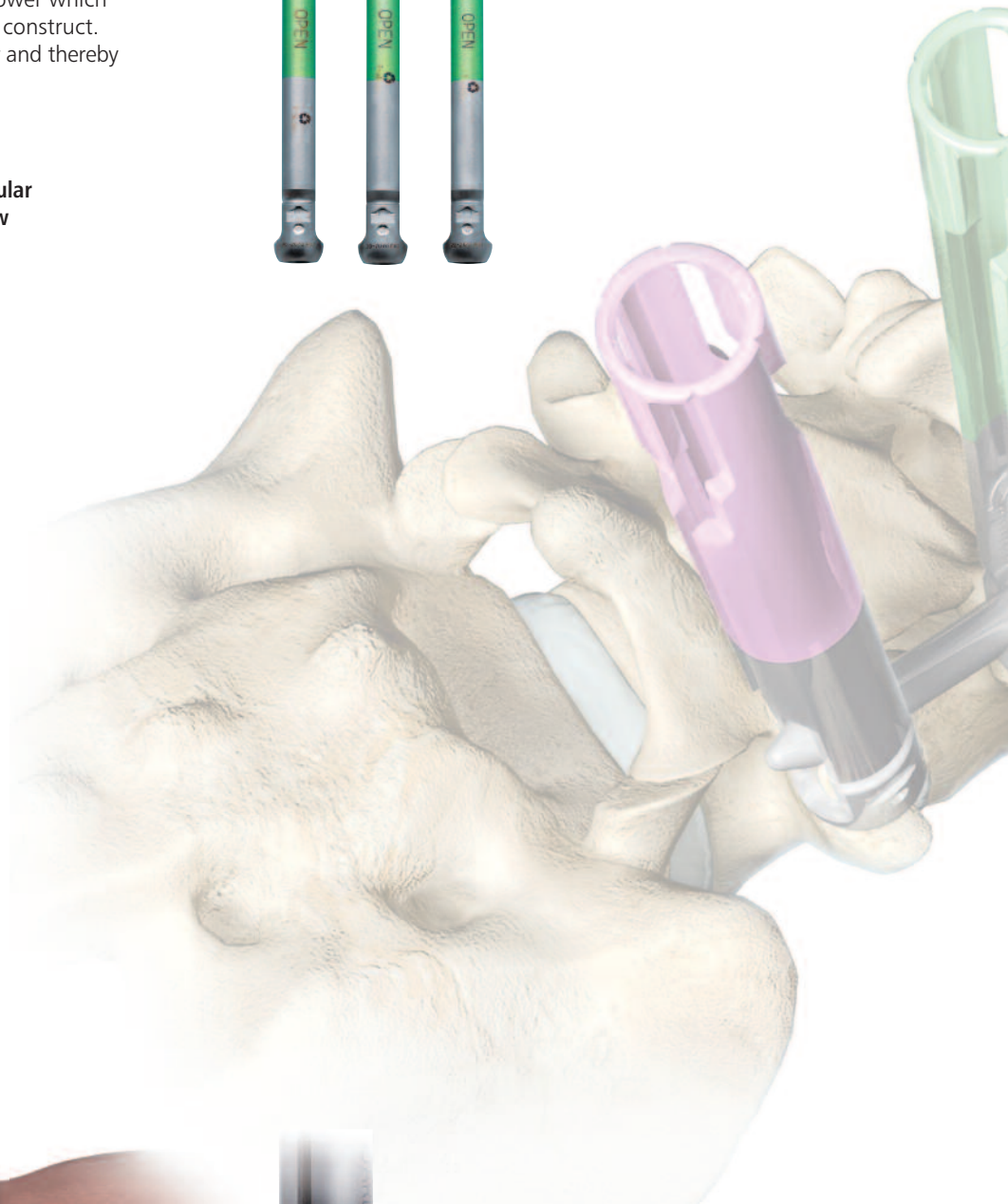
3 Implant Sizes

Three implant lengths to match patient anatomy.

FEWER SURGICAL STEPS

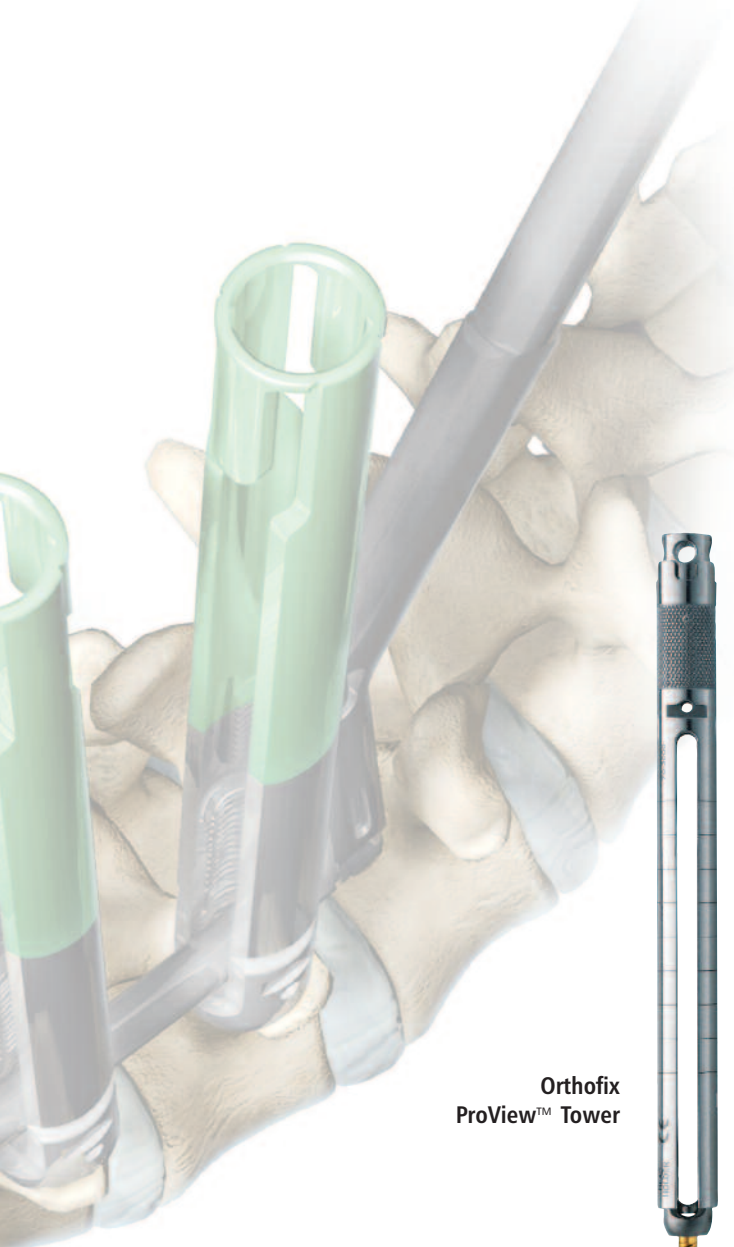
Dilator-Awl Tap

Combines surgical steps with one cannulated instrument to dilate the tissue and awl/tap the pedicle at the same time.



REDUCTION CAPABILITIES

Each MIS body allows up to 22mm of rod reduction during set screw insertion.

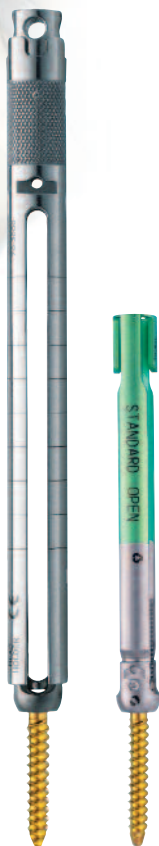
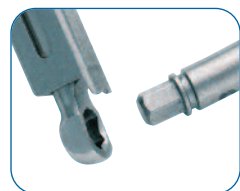


Orthofix
ProView™ Tower



**Percutaneous
Rod Inserter**

Lordotic and straight rods
with hex for percutaneous
passing of rod.



**ADVANTAGES OF
ONE PIECE DESIGN**

Smaller Incisions

One piece design helps minimize incision –
14mm compared to 17.5mm for Orthofix
ProView Instrument Towers.

**Eliminates Instrument
Tower Assembly**

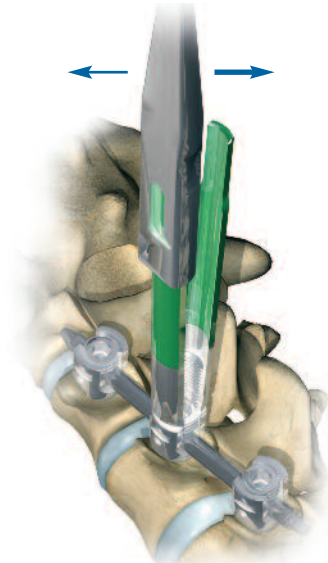
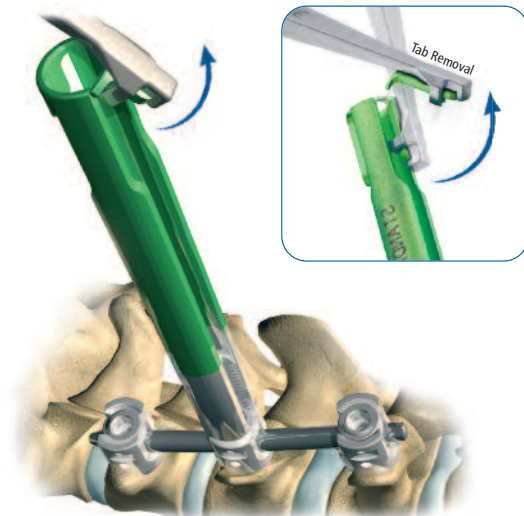
One piece design eliminates instrument
towers which add a step to the procedure
and can detach from implant interoperatively.



Tab Removal
Tool

**Simplicity –
Fast and Easy**

Eliminates assembly and
disassembly of an instrument
tower to screw head.



Phoenix™ Implant Case, 20-0017

Part Number	Description	Quantity
20-0111	Implant Case (Empty)	1
Phoenix™ Bodies		
20-2070	Phoenix™ Open Body, Short	18
20-2090	Phoenix™ Open Body, Standard	18
20-2120	Phoenix™ Open Body, Tall	18
20-3070	Phoenix™ Closed Body, Short	4
20-3090	Phoenix™ Closed Body, Standard	4
20-3120	Phoenix™ Closed Body, Tall	4
Firebird™ Set Screws		
44-2001	Set Screw	30
Firebird™ Cannulated Modular Screw/Self Tapping		
77-8535	5.5mm / 35mm	6
77-8540	5.5mm / 40mm	8
77-8545	5.5mm / 45mm	8
77-8550	5.5mm / 50mm	6
77-8555	5.5mm / 55mm	4
77-8635	6.5mm / 35mm	4
77-8640	6.5mm / 40mm	10
77-8645	6.5mm / 45mm	12
77-8650	6.5mm / 50mm	10
77-8655	6.5mm / 55mm	4
77-8740	7.5mm / 40mm	4
77-8745	7.5mm / 45mm	6
77-8750	7.5mm / 50mm	6
77-8755	7.5mm / 55mm	4
77-8840	8.5mm / 40mm	2
77-8845	8.5mm / 45mm	2
Phoenix™ Lordotic Rods with Hex		
20-4035	Pre-Lordosed Rod w/hex and taper, 35mm	4
20-4040	Pre-Lordosed Rod w/hex and taper, 40mm	4
20-4045	Pre-Lordosed Rod w/hex and taper, 45mm	4
20-4050	Pre-Lordosed Rod w/hex and taper, 50mm	4
20-4055	Pre-Lordosed Rod w/hex and taper, 55mm	4
20-4060	Pre-Lordosed Rod w/hex and taper, 60mm	4
20-4065	Pre-Lordosed Rod w/hex and taper, 65mm	4
20-4070	Pre-Lordosed Rod w/hex and taper, 70mm	4
20-4075	Pre-Lordosed Rod w/hex and taper, 75mm	4
20-4080	Pre-Lordosed Rod w/hex and taper, 80mm	4
20-4090	Pre-Lordosed Rod w/hex and taper, 90mm	4
20-4100	Pre-Lordosed Rod w/hex and taper, 100mm	4
20-4110	Pre-Lordosed Rod w/hex and taper, 110mm	4
20-4120	Pre-Lordosed Rod w/hex and taper, 120mm	4
20-4130	Pre-Lordosed Rod w/hex and taper, 130mm	4
20-4140	Pre-Lordosed Rod w/hex and taper, 140mm	4
20-4150	Pre-Lordosed Rod w/hex and taper, 150mm	4
Phoenix™ Straight Rods with Hex		
20-5040	Straight Rod w/hex and taper, 40mm	2
20-5050	Straight Rod w/hex and taper, 50mm	2
20-5060	Straight Rod w/hex and taper, 60mm	2
20-5070	Straight Rod w/hex and taper, 70mm	2
20-5080	Straight Rod w/hex and taper, 80mm	2
20-5090	Straight Rod w/hex and taper, 90mm	2

Phoenix™ Implant Case, 20-0017

Part Number	Description	Quantity
Phoenix™ Straight Rods with Hex		
20-5100	Straight Rod w/hex and taper, 100mm	2
20-5110	Straight Rod w/hex and taper, 110mm	2
20-5120	Straight Rod w/hex and taper, 120mm	2
20-5140	Straight Rod w/hex and taper, 140mm	2
20-5160	Straight Rod w/hex and taper, 160mm	2
20-5180	Straight Rod w/hex and taper, 180mm	2
20-5200	Straight Rod w/hex and taper, 200mm	2
20-5450	Straight Rod w/hex, 450mm	2

Phoenix™ Instrument Case 1, 20-0015

20-0101	Instrument Case 1 (Empty)	1
20-0123	Guide Wire Nitinol, 21 inch - Blunt (1.57mm Dia)	10
20-0124	Guide Wire Nitinol, 21 inch - Sharp (1.57mm Dia)	10
20-0155	5.5mm Tap	1
20-0165	6.5mm Tap	1
20-0175	7.5mm Tap	1
20-0200	Screw Driver	2
20-0201	Modular Multi-axial Adjustment Screw Driver	1
20-0205	Rod Sizing Tool	1
20-0210	Rod Pusher	1
20-0211	Round Set Screw Inserter Handle	2
20-0212	Body Alignment Instrument	1
20-0214	Rod Holder/Inserter	1
20-0218	Non-Conductive Dilator	2
20-0224	Counter Torque Wrench	1
20-0250	Set Screw Holder Long	2
20-0251	Set Screw Holder Long Insert	2
20-0260	Set Screw Holder Short	1
20-0261	Set Screw Holder Short Insert	1
20-0275	Tap Sleeve Dilator	2
20-0280	Implant Tab Removal Tool	1
20-0283	Tissue Dissector	1
52-1011	Cannulated Firebird T-handle	2
52-1012	Ratcheting Torque Limiting Handle (100 in/lbs)	1
52-1013	Straight Ratcheting Handle, Small	2
52-1061	Set Screw Driver (adapter)	2
70-3208	Preview Rod Inserter	1

Phoenix™ Instrument Case 2, 20-0016

20-0120	Instrument Case 2 (Empty)	1
20-0220	Compression/ Distraction Fixture	1
20-0225	Counter Torque Wrench Handle	1
20-0226	Counter Torque Cannula	2
70-3218	Parallel Compressor	1
70-3219	Parallel Distractor	1
70-3220	Distractor Tip Left	1
70-3221	Alignment Tool	1
70-3222	Distractor Tip Right	1

Other Instruments

21-5000	Bone Marrow Aspiration Needle Kit
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