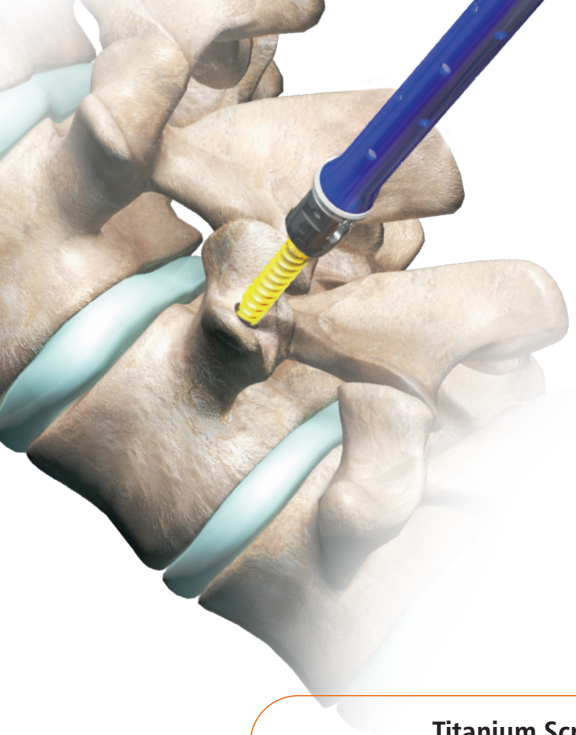
FIREBIRD® NXG
SPINAL FIXATION SYSTEM

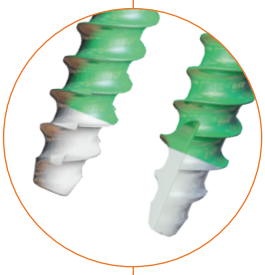
Advancing Modularity

ORTHOFIX® | SPINE



FIREBIRD NXG
SPINAL FIXATION SYSTEM

As one of the first companies to develop a modular pedicle screw system, Firebird NXG represents Orthofix's four generations of modular pedicle screw system experience. The system is designed for comprehensive posterior thoracolumbar surgical cases including degenerative disc disease. The next generation Firebird platform refines the modular screws, provides a lower profile body and simplifies instrumentation thus improving upon this already versatile system.



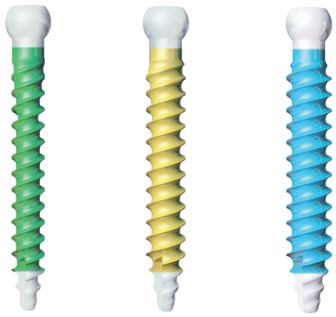
Titanium Screws

- Modular design for maximized visualization during screw placement
- Non-cannulated and cannulated options support a variety of surgical approaches
- Threads extend to the tip for controlled insertion and tactile feedback
- Sharper tip angle, dual lead thread form to facilitate smooth screw insertion
- Self-tapping to reduce procedural steps
- Full range of lengths and diameters to accommodate patient anatomy
- Color-coded by diameter for easy identification

Modular Top Loading and Reduction Bodies

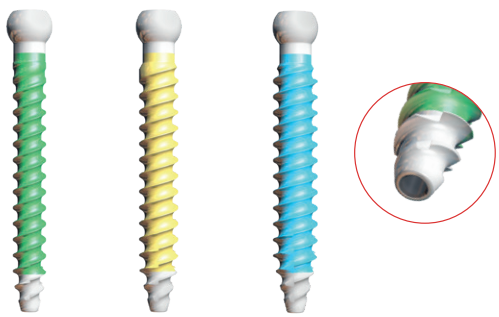
- Slimmed implant waist by 20% allowing for improved in situ visualization
- Reduced height above the rod by 6% creating a lower profile similar to industry leading pedicle screw systems
- Reduction body allows for 22mm of reduction
- Allows 50° cone of angulation once attached to modular screw
- Final tightening torque of 80in-lb

Non-Cannulated



5.5mm Diameter 6.5mm Diameter 7.5mm Diameter

Cannulated



5.5mm Diameter 6.5mm Diameter 7.5mm Diameter

HA Coated

5.5-8.5mm Diameter

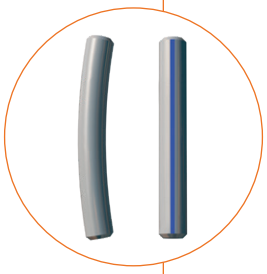
Set Screw

- 4mm square drive improves instrument contact during insertion

Rods

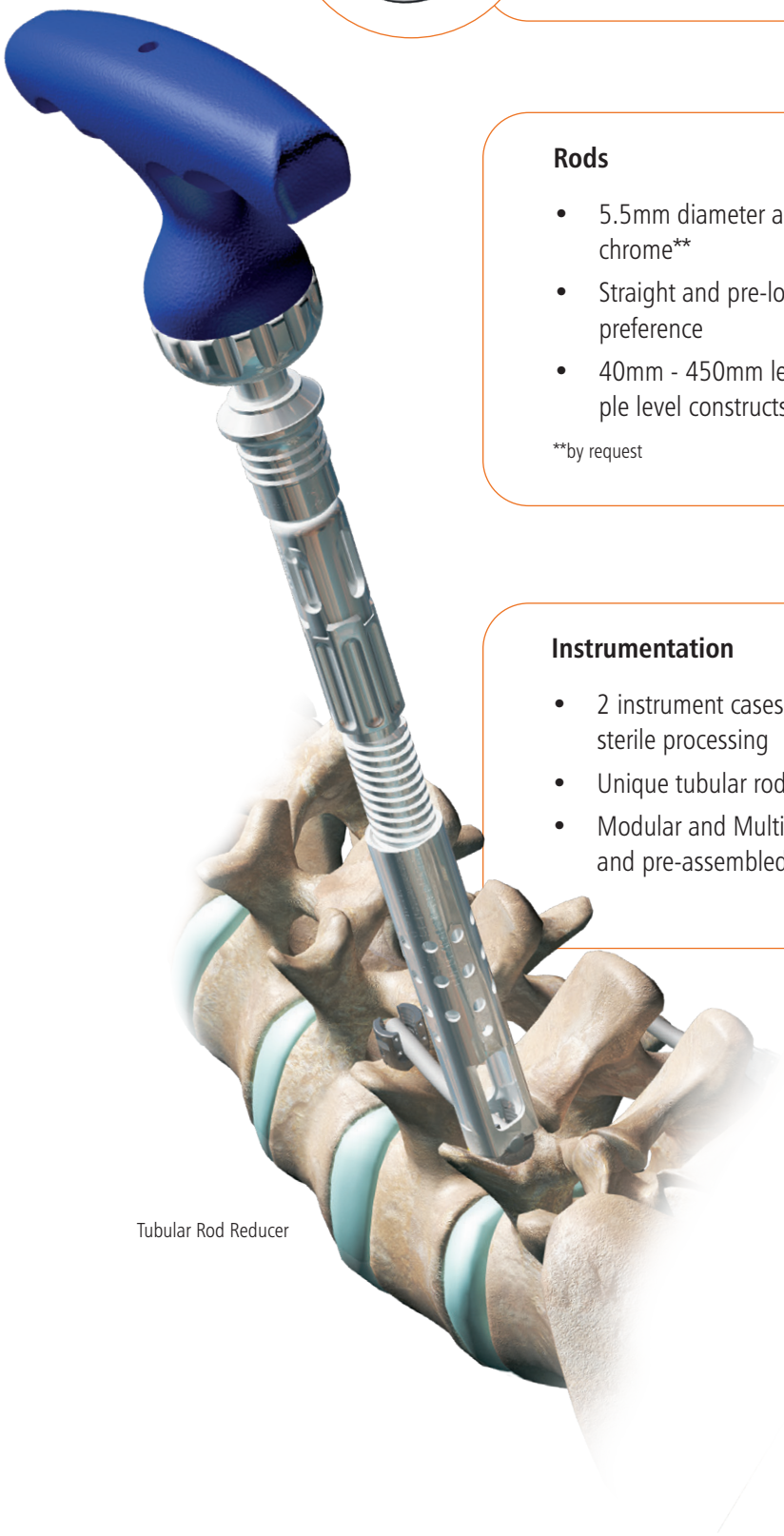
- 5.5mm diameter available in titanium or cobalt chrome**
- Straight and pre-lordosed options for surgeon preference
- 40mm - 450mm lengths to support single or multiple level constructs

**by request



Instrumentation

- 2 instrument cases and 1 implant case to optimize volumes in sterile processing
- Unique tubular rod reducer offers up to 28mm of reduction
- Modular and Multi-Axial screw drivers to accommodate modular and pre-assembled screws



Tubular Rod Reducer

IMPLANTS

Implant Case 36-9099

Part #	Description	Qty
Top Level - Modular, Non-Cannulated		
36-8321	**5.5mm Caddy**	1
44-5535	5.5mm x 35mm Bone Screw, Self-Tapping	4
44-5540	5.5mm x 40mm Bone Screw, Self-Tapping	8
44-5545	5.5mm x 45mm Bone Screw, Self-Tapping	8
44-5550	5.5mm x 50mm Bone Screw, Self-Tapping	2
36-8322	**6.5mm Caddy**	1
44-5635	6.5mm x 35mm Bone Screw, Self-Tapping	4
44-5640	6.5mm x 40mm Bone Screw, Self-Tapping	8
44-5645	6.5mm x 45mm Bone Screw, Self-Tapping	10
44-5650	6.5mm x 50mm Bone Screw, Self-Tapping	8
44-5655	6.5mm x 55mm Bone Screw, Self-Tapping	4
36-8323	**7.5mm Caddy**	1
44-5740	7.5mm x 40mm Bone Screw, Self-Tapping	4
44-5745	7.5mm x 45mm Bone Screw, Self-Tapping	4
44-5750	7.5mm x 50mm Bone Screw, Self-Tapping	4
44-5755	7.5mm x 55mm Bone Screw, Self-Tapping	4
36-8314	**Top Loading Body Caddy**	1
36-2101	Top Loading Body	22
36-8315	**Lateral Offset and Rod Connector Caddy**	1
51-6315	15mm Lateral Offset	2
51-6320	20mm Lateral Offset	2
51-6325	25mm Lateral Offset	2
52-6805	Side by Side Rod Connector, Top Loading	2
36-6801	Rod Connector, Front Loading	2
Bottom Level		
36-8316	**Cross Connector Caddy**	1
55-5325	25mm Multi-Axial Cross Connector	2
55-5330	30mm Multi-Axial Cross Connector	2
55-5335	35mm Multi-Axial Cross Connector	2
55-5340	40mm Multi-Axial Cross Connector	2
55-5345	45mm Multi-Axial Cross Connector	2
55-5350	50mm Multi-Axial Cross Connector	2
55-5355	55mm Multi-Axial Cross Connector	2
55-5360	60mm Multi-Axial Cross Connector	2
55-5365	65mm Multi-Axial Cross Connector	2
55-5370	70mm Multi-Axial Cross Connector	2
55-5375	75mm Multi-Axial Cross Connector	2
55-5380	80mm Multi-Axial Cross Connector	2
52-2040	40mm Rod	2
52-2050	50mm Rod	2
52-2060	60mm Rod	2
52-2070	70mm Rod	2
52-2080	80mm Rod	2
52-2090	90mm Rod	2
52-2100	100mm Rod	2
52-2110	110mm Rod	2
52-2120	120mm Rod	2
52-2140	140mm Rod	2
52-2160	160mm Rod	2
52-2180	180mm Rod	2
52-2200	200mm Rod	2
52-2450	450mm Rod	2
52-6035	35mm Pre-Lordosed Rod	4
52-6040	40mm Pre-Lordosed Rod	4
52-6045	45mm Pre-Lordosed Rod	4
52-6050	50mm Pre-Lordosed Rod	4
52-6055	55mm Pre-Lordosed Rod	4

Implant Case (Cont.)

Part #	Description	Qty
Bottom Level		
52-6060	60mm Pre-Lordosed Rod	4
52-6065	65mm Pre-Lordosed Rod	4
52-6070	70mm Pre-Lordosed Rod	4
52-6075	75mm Pre-Lordosed Rod	4
52-6080	80mm Pre-Lordosed Rod	4
36-8313	**Set Screw Caddy**	1
36-2001	Set screw	30

Optional Caddies

Optional Stocked Non-Cannulated Modular Caddies		
36-9094	**4.5mm Caddy**	1
44-5430	4.5mm x 30mm Bone Screw, Self-Tapping	4
44-5435	4.5mm x 35mm Bone Screw, Self-Tapping	4
44-5440	4.5mm x 40mm Bone Screw, Self-Tapping	4
36-9099	**5.5mm Caddy**	1
44-5535	5.5mm x 35mm Bone Screw, Self-Tapping	4
44-5540	5.5mm x 40mm Bone Screw, Self-Tapping	8
44-5545	5.5mm x 45mm Bone Screw, Self-Tapping	8
44-5550	5.5mm x 50mm Bone Screw, Self-Tapping	2
36-9101	**6.5mm Caddy**	1
44-5635	6.5mm x 35mm Bone Screw, Self-Tapping	4
44-5640	6.5mm x 40mm Bone Screw, Self-Tapping	8
44-5645	6.5mm x 45mm Bone Screw, Self-Tapping	10
44-5650	6.5mm x 50mm Bone Screw, Self-Tapping	8
44-5655	6.5mm x 55mm Bone Screw, Self-Tapping	4
36-9102	**7.5mm Caddy**	1
44-5740	7.5mm x 40mm Bone Screw, Self-Tapping	4
44-5745	7.5mm x 45mm Bone Screw, Self-Tapping	4
44-5750	7.5mm x 50mm Bone Screw, Self-Tapping	4
44-5755	7.5mm x 55mm Bone Screw, Self-Tapping	4
Optional Stocked Cannulated Modular Caddies		
36-9095	**5.5mm Caddy**	1
77-8540	5.5mm x 40mm Bone Screw, Self-Tapping	4
77-8545	5.5mm x 45mm Bone Screw, Self-Tapping	4
36-9096	**6.5mm Caddy**	1
77-8635	6.5mm x 35mm Bone Screw, Self-Tapping	2
77-8640	6.5mm x 40mm Bone Screw, Self-Tapping	4
77-8645	6.5mm x 45mm Bone Screw, Self-Tapping	8
77-8650	6.5mm x 50mm Bone Screw, Self-Tapping	4
36-9097	**7.5mm Caddy**	1
77-8740	7.5mm x 40mm Bone Screw, Self-Tapping	2
77-8745	7.5mm x 45mm Bone Screw, Self-Tapping	4
77-8750	7.5mm x 50mm Bone Screw, Self-Tapping	2
Optional Empty Caddy		
36-8320	4.5mm Caddy	
36-8324	8.5mm Caddy	

IMPLANTS CONT. / INSTRUMENTS

Optional Implants

Part #	Description
Optional Implants	
36-2103	Reduction Body
36-6701	Axial Rod Connector
36-6408	Low Profile Offset, 8mm
36-6411	Low Profile Offset, 11mm
36-6414	Low Profile Offset, 14mm
36-6417	Low Profile Offset, 17mm
36-6420	Low Profile Offset, 20mm
36-6423	Low Profile Offset, 23mm
36-6426	Low Profile Offset, 26mm
36-6429	Low Profile Offset, 29mm
36-6432	Low Profile Offset, 32mm
36-6435	Low Profile Offset, 35mm
36-2002	Set Screw, Low Profile Offset
51-6330	Lateral Offset, 30mm
51-6335	Lateral Offset, 35mm
51-6380	Lateral Offset, 80mm
51-2450	Rod, 450mm x Dia. 5.5mm, Cobalt Chrome

HA Coated Screws (Cannulated, Single Use, Sterile Packed)

Part #	Diameter 25mm - 55mm
77-55XXSP	5.5mm
77-56XXSP	6.5mm
77-57XXSP	7.5mm
77-58XXSP	8.5mm

Instrument Case 1 36-9091

Part #	Description	Qty
Top Level		
36-1001	Bone Awl	1
36-1003	Curved Lumbar Probe	1
36-1002	Straight Lumbar Probe	1
55-1005	Curved Sounder	1
55-1004	Straight Sounder	1
36-1024	4.5mm Tap	1
36-1025	5.5mm Tap	1
36-1026	6.5mm Tap	1
36-1027	7.5mm Tap	1
36-1835	Multi-Axial Screw Driver	2
36-1838	Modular Screw Driver	2
36-1010	Straight Ratcheting Handle	2
36-1011	Ratcheting T-Handle	1
Bottom Level		
54-0007	Multi-Axial Body Inserter	4
36-1581	Rod Inserter	1
52-1251	Rod Rocker	1
36-1334	Decorticating Planer	1
36-1038	Head Adjuster	1
36-1260	Reduction Set Screw Inserter	2
36-1161	Set Screw Driver	2
52-1339	Multi-Axial Adjustment Driver	1
36-1765	Counter Torque Wrench	1
36-1512 or 36-1612	Torque Limiting Handle	1

Instrument Case 2 36-9092

Part #	Description	Qty
Top Level		
36-1046	French Rod Bender	1
52-1101	Cross Connector Caliper	1
55-1089 or 55-1189	Cross Connector Torque Limiting Driver	1
36-1103	Cross Connector Bender, Left	1
36-1102	Cross Connector Bender, Right	1
36-1071	In-Situ Rod Bender, Left	1
36-1070	In-Situ Rod Bender, Right	1
Middle Level		
36-1980	Rod Gripper	1
51-1990	Driver, Tubular Rod Reducer	1
51-1989	Tubular Rod Reducer	2
36-1591	Compressor	1
55-1070	Distractor	1
Bottom Level		
36-8305	Open Tray w/mat	1

Reduction Implant / Instruments 36-9104

Part #	Description	Qty
36-0090	Reduction Implant / Instrument Case	1
36-8468	Reduction Body Caddy	1
36-2103	Reduction Body	12
36-8471	Anti-Splay Cap Caddy	1
68-0111	Anti-Splay Cap	12
61-0112	Anti-Splay Cap Remover	1
61-0400	Tab Removal Tool	1
61-1265	Reduction Bayonet CTW	1
61-1331	Multi-Axial Reduction Screw Driver	2
36-8474	Lid, Reduction Implant / Instrument Case	1
36-8475	Base, Reduction Implant / Instrument Case	1
36-8476	Tray, Reduction Implant / Instrument Case	1

Optional Instruments

Part #	Description
51-1423	3.5mm Bone Tap
36-1028	8.5mm Tap
36-0145	4.5mm Cannulated Tap
36-0155	5.5mm Cannulated Tap
36-0165	6.5mm Cannulated Tap
36-0175	7.5mm Cannulated Tap
36-0185	8.5mm Cannulated Tap
36-1010	Straight Ratcheting Handle
36-1011	Ratcheting T-Handle
36-1202	Straight Duckbill Probe
36-1203	Curved Duckbill Probe
36-1402	Straight Thoracic Probe
36-1403	Curved Thoracic Probe
36-1832	Modular Screw Driver
36-1831	Multi-Axial Screw Driver
61-1265	Reduction Counter Torque Wrench
61-0400	Tab Removal Tool
68-0111	Anti-Splay Cap
61-0112	Anti-Splay Cap Remover
61-1331	Multi-Axial Reduction Screw Driver
51-7100	Hook Holder, Regular, Straight
52-1035	Rod Connector Inserter

Please visit 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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