



FIREBIRD[®] SI
SI FUSION SYSTEM

Stability Where It's Needed

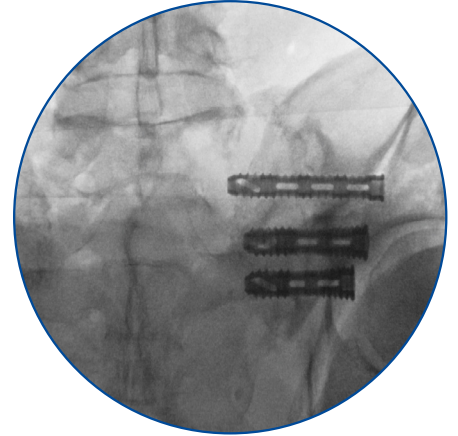
 **ORTHOFIX[®] | SPINE**



FIREBIRD[®] SI
SI FUSION SYSTEM

The First 3D Printed SI Screw

The FIREBIRD SI Fusion System offers a minimally invasive solution designed to compress and stabilize the sacroiliac joint. The 3D-printed design incorporates a mid-shaft region that is 50% porous with micro and nano-scale features that press fits directly into the bone.



Porous mid-shaft region with Nanovate™ Technology

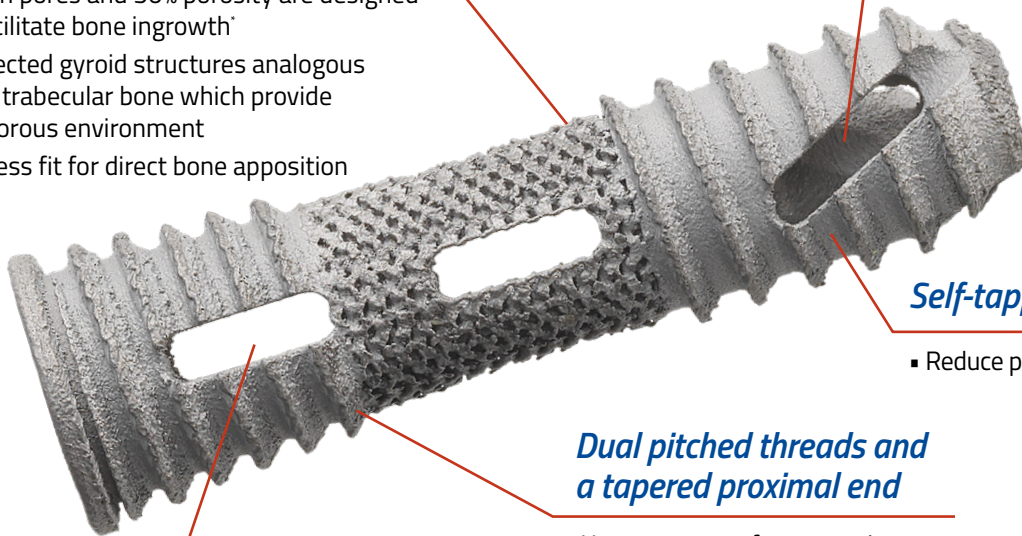
- Macro, micro, and nano-scale surface features
- 400 micron pores and 50% porosity are designed to help facilitate bone ingrowth¹
- Interconnected gyroid structures analogous in form to trabecular bone which provide an open porous environment
- 0.5mm press fit for direct bone apposition

Reverse cutting flutes

- Self-harvest autograft

Self-tapping threads

- Reduce procedural steps



Dual pitched threads and a tapered proximal end

- Up to 3.75mm of compression across the SI joint

Axial fenestrations

- Allow for bony through-growth
- Post procedure graft evaluation

FIREBIRD SI consists of cannulated, fenestrated 9mm, 11mm and 12mm diameter implants in lengths ranging from 25mm to 70mm to accommodate the variety of patient anatomies undergoing sacroiliac joint fusion.



9mm diameter



11mm diameter



12mm diameter

¹As suggested in an in-vivo ovine lumbar spinal fusion model

FIREBIRD™ SI Fusion System Implants and Instruments

11mm & 12mm Implant Tote (18-1001)

Part #	Description	Qty
18-1025SP	11mm x 25mm FIREBIRD SI Screw Sterile	4
18-1030SP	11mm x 30mm FIREBIRD SI Screw Sterile	4
18-1035SP	11mm x 35mm FIREBIRD SI Screw Sterile	4
18-1040SP	11mm x 40mm FIREBIRD SI Screw Sterile	4
18-1045SP	11mm x 45mm FIREBIRD SI Screw Sterile	4
18-1050SP	11mm x 50mm FIREBIRD SI Screw Sterile	4
18-1055SP	11mm x 55mm FIREBIRD SI Screw Sterile	4
18-1060SP	11mm x 60mm FIREBIRD SI Screw Sterile	4
18-1065SP	11mm x 65mm FIREBIRD SI Screw Sterile	4
18-1070SP	11mm x 70mm FIREBIRD SI Screw Sterile	4
18-2025SP	12mm x 25mm FIREBIRD SI Screw Sterile	2
18-2030SP	12mm x 30mm FIREBIRD SI Screw Sterile	2
18-2035SP	12mm x 35mm FIREBIRD SI Screw Sterile	2
18-2040SP	12mm x 40mm FIREBIRD SI Screw Sterile	2
18-2045SP	12mm x 45mm FIREBIRD SI Screw Sterile	2
18-2050SP	12mm x 50mm FIREBIRD SI Screw Sterile	2
18-2055SP	12mm x 55mm FIREBIRD SI Screw Sterile	2
18-2060SP	12mm x 60mm FIREBIRD SI Screw Sterile	2
18-2065SP	12mm x 65mm FIREBIRD SI Screw Sterile	2
18-2070SP	12mm x 70mm FIREBIRD SI Screw Sterile	2

Optional 9mm Implant Tote (18-1002)

Part #	Description	Qty
18-0925SP	9mm x 25mm FIREBIRD SI Screw Sterile	3
18-0930SP	9mm x 30mm FIREBIRD SI Screw Sterile	3
18-0935SP	9mm x 35mm FIREBIRD SI Screw Sterile	3
18-0940SP	9mm x 40mm FIREBIRD SI Screw Sterile	3
18-0945SP	9mm x 45mm FIREBIRD SI Screw Sterile	3
18-0950SP	9mm x 50mm FIREBIRD SI Screw Sterile	3

Optional Implants

Part #	Description
18-0955SP	9mm x 55mm FIREBIRD SI Screw Sterile
18-0960SP	9mm x 60mm FIREBIRD SI Screw Sterile
18-0965SP	9mm x 65mm FIREBIRD SI Screw Sterile
18-0970SP	9mm x 70mm FIREBIRD SI Screw Sterile

Instrument Case 18-9093

Part #	Description	Qty
11-1109-FD21*	Long Blunt Steinmann Pin, 457mm	3
18-3105*	Sharp, Short Steinmann Pin	4
18-3104*	Blunt, Short Steinmann Pin	2
18-3008	Tissue Dissector	1
18-3002	Drill Guide	1
18-3003	Pin Sleeve	1
18-3004	Striker Tube	1
18-3100*	9mm Drill	2
18-3101*	11mm Drill	2
18-3102*	12mm Drill	2
18-3011	Adjustable Collar	1
18-3005	Screw Sizing Template	1
18-3001	Screw Driver	2
18-3012	2 Pin Parallel Guide Plate	1
18-3016	3 Pin Parallel Guide Plate	1
18-3013	Small Radiolucent Tube	2
18-3019	Small Radiolucent Tube, Short	2
18-3014	Large Radiolucent Tube	1
18-3020	Large Radiolucent Tube, Short	1
18-3006	Ratcheting T-Handle	1
18-3007	Ratcheting Straight Handle	1
18-3015	Radiolucent Pin Holder	1
18-3017	Adjustment Driver	1
18-3018	Adjustment Driver Insert	1

Optional Instruments

Part #	Description
18-3009*	Packing Tube
18-3010	Packing Plunger
71-5010	Fluoroscopic Targeting Crosshair

*Single-Use Only

Items in blue available upon request only.

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.



Orthofix
3451 Plano Parkway
Lewisville, Texas 75056-9453 USA
1.214.937.3199
1.888.298.5700
www.orthofix.com



Medical Device Safety Services (MDSS):
Schiffgraben 41
30175, Hannover
Germany
www.mdss.com

Australian Sponsor
Emergo Australia
Level 20, Tower II
Darling Park
201 Sussex Street
Sydney, NSW 2000
Australia

Rx Only
CE²⁷⁹⁷

Orthofix products or services referenced herein are trademarks or registered trademarks of Orthofix Medical Inc. and its group of companies. Any rights not expressly granted herein are reserved.