



FIREBIRD[®] SI
SI FUSION SYSTEM

Stability Where It's Needed

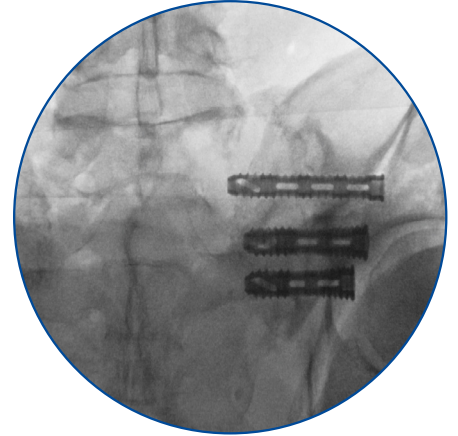
 **ORTHOFIX[®] | SPINE**



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.

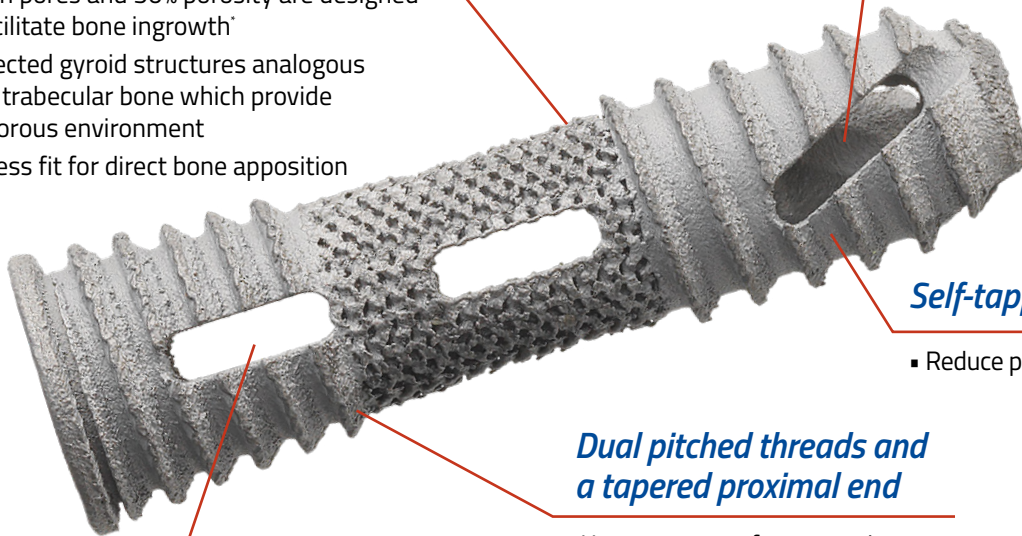


Porous mid-shaft region with Nanovate™ Technology

- 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.



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