Surgical Technique

smith&nephew
EVOS◇ WRIST
Plating System

Wrist Plates

Table of contents

Note

The technique description herein is made available to the healthcare professional to illustrate the suggested treatment for the uncomplicated procedure. In the final analysis, the preferred treatment is that which addresses the needs of the patient.

The EVOS® WRIST Plating System offers a comprehensive selection of plates intended to treat any unstable distal radius fracture that can be addressed through dorsal and volar approaches.

- Low-profile implants
- Variable-angle locking technology
- Intuitive instrumentation

Indications

The EVOS WRIST Plating System is indicated for adult and pediatric patients, as well as patients with osteopenic bone. It is indicated for fixation of fractures, malunions, and osteotomies involving the radius and ulna.

Contraindications

1. Physical conditions that would preclude adequate implant support or retard healing, such as, blood supply impairment, insufficient bone quality or quantity, previous infection, obesity, severe bow or gross distortion of the radius.
2. Mental conditions that preclude cooperation with the rehabilitation regimen.

   The following technique is for informational and educational purposes only. It is not intended to serve as medical advice. It is the responsibility of treating physicians to determine and utilize the appropriate products and techniques according to their own clinical judgment for each of their patients.

   For additional information, including warnings and precautions, please review the Instructions for Use included with the product.

The following technique is for informational and educational purposes only. It is not intended to serve as medical advice. It is the responsibility of treating physicians to determine and utilize the appropriate products and techniques, according to their own clinical judgment, for each of their patients. For more information on the EVOS WRIST Plating System, including its Indications for Use, contraindications, cleaning, sterilization and product safety information, please refer to the product's label and the Instructions for Use packaged with the product.

Titanium

	1.8mm	2.4mm		3.5mm	
	Locking Peg	Cortex	Locking	Cortex	Locking
					
Thread diameter	1.7mm	2.4mm	2.4mm	3.5mm	3.5mm
Head diameter	3.8mm	3.8mm	3.7mm	5.6mm	5.4mm
Core diameter	1.7mm	1.7mm	1.7mm	2.4mm	2.4mm
Thread pitch	0	1mm	1mm	1.2mm	1.2mm
Driver	T7	T7	T7	T15	T15
Screw lengths	10-24mm (1mm increments) 26-30mm (2mm increments)	8-24mm (1mm increments) 26-30mm (2mm increments)	8-24mm (1mm increments) 26-30mm (2mm increments)	10-16mm (1mm increments) 18-20mm (2mm increments)	10-16mm (1mm increments) 18-20mm (2mm increments)

Stainless

	1.8mm	2.4mm		3.5mm	
	Locking Peg	Cortex	Locking	Cortex	Locking
					
Thread diameter	1.7mm	2.4mm	2.4mm	3.5mm	3.5mm
Head diameter	3.8mm	3.8mm	3.7mm	5.6mm	5.4mm
Core diameter	1.7mm	1.7mm	1.7mm	2.4mm	2.4mm
Thread pitch	0	1mm	1mm	1.2mm	1.2mm
Driver	T7	T7	T7	2.5mm Hex	2.5mm Hex
Screw lengths	10-24mm (1mm increments) 26-30mm (2mm increments)	8-24mm (1mm increments) 26-30mm (2mm increments)	8-24mm (1mm increments) 26-30mm (2mm increments)	10-16mm (1mm increments) 18-20mm (2mm increments)	10-16mm (1mm increments) 18-20mm (2mm increments)

Volar Plates

	Titanium		Stainless	
	Volar Standard	Volar Wide	Volar Standard	Volar Wide
				
	● For cortex screws only ● Guide block screw in hole, cortex screws only			
Left/Right Specific	Yes	Yes	Yes	Yes
Profile thickness of head	1.6mm	1.6mm	1.6mm	1.6mm
Profile thickness of shaft	1.6mm	1.6mm	1.6mm	1.6mm
Width of shaft	8.5mm	8.5mm	8.5mm	8.5mm
Shaft hole spacing	7.5mm	7.5mm	7.5mm	7.5mm
Volar Tilt	24°	24°	24°	24°
Length options	3H 48mm 4H 56mm 5H 81mm 7H 105mm 10H 141mm	3H 48mm 4H 56mm 5H 83mm 7H 105mm	3H 48mm 4H 56mm 5H 76mm 7H 100mm	3H 48mm 4H 56mm 5H 78mm 7H 100mm

Dorsal Distal Radius and Distal Ulna Plates

	Titanium				
	Standard	Wide	Intermediate Column	Radial Column	Ulna
					
Left/Right Specific	Yes	Yes	Yes	Yes	Yes
Profile thickness of head	1.5mm	1.5mm	1.5mm	1.5mm	1.2mm
Profile thickness of shaft	1.5mm	1.5mm	1.5mm	1.5mm	1.2mm
Width of shaft	8.5mm	8.5mm	7.0mm	7.0mm	7.4mm
Shaft hole spacing	7.5mm	7.5mm	7.0mm	7.0mm	6.0mm
Length options	3H 56mm	3H 58mm	4H 54mm	4H 57mm	7H 56mm

1.8mm/2.4mm Drill Guide Module Titanium

Drill guides	Technique	Variable-angle holes	Threaded holes	Non-threaded holes	Drill
Ti 1.8mm Fixed Angle and Variable Angle Drill Guide 	On/Off Axis -Cortex Screw -Locking Screw -Peg	✓			1.8mm
Ti 1.8mm Fixed Angle Tabbed Drill Tower 	On Axis -Cortex Screw -Locking Screw -Peg	✓			1.8mm
Ti 1.8mm Fixed Angle and Conical Drill Guide 	On/Off Axis -Cortex Screw -Locking Screw -Peg	✓			1.8mm

1.8mm/2.4mm Drill Guide Module Stainless

Drill guides	Technique	Variable-angle holes	Threaded holes	Non-threaded holes	Drill
1.8mm Fixed Angle and Variable Angle Drill Guide 	On/Off Axis -Cortex Screw -Locking Screw -Peg	✓			1.8mm
1.8mm Drill Guide Tower Short 	On Axis -Cortex Screw -Locking Screw -Peg	✓			1.8mm
1.8mm Fixed Angle and Conical Drill Guide 	On/Off Axis -Cortex Screw -Locking Screw -Peg	✓			1.8mm

3.5mm Drill Guide Module Titanium

Drill guides	Technique	Outside of plate	Variable-angle holes	Threaded holes	Non-threaded holes	Drill
2.5mm Variable Angle Drill Guide 	On/Off Axis - Cortex Screw - Locking Screw - Peg *Axial Compression -Cortex Screw			✓*	✓*	2.5mm
2.5mm Locking Drill Guide Short 	On Axis -Cortex Screw -Locking Screw			✓		2.5mm

3.5mm Drill Guide Module Stainless

Drill guides	Technique	Outside of plate	Variable-angle holes	Threaded holes	Non-threaded holes	Drill
2.5mm Variable Angle Drill Guide 	On/Off Axis - Cortex Screw - Locking Screw - Peg *Axial Compression -Cortex Screw			✓*	✓*	2.5mm
2.5mm Locking Drill Guide Short 	On Axis -Cortex Screw -Locking Screw			✓		2.5mm

Plate Modification

Minor plate contouring can be accomplished by using the plate bending irons.

Note: Plate contouring can affect the functionality of the locking mechanism. Avoid bending or contouring directly over a hole that will eventually be used for a locking screw.

Note: Plate 2.4mm plate bending rods are available in the EVOS Wrist Titanium set to aid in contouring dorsal plates before being fixed to bone.

Fracture Reduction

Articular fracture components must be anatomically reduced prior to plate application and screw insertion. Reduction aids should be placed so as not to interfere with final plate placement. Reduce and provisionally secure fragments using K-Wires or reduction forceps. Hohmann retractors are provided within the set and should be utilized to protect soft tissue structures.

K-Wires:

- 1.4mm Trocar Tip K Wire, 100mm
- 1.6mm Trocar Tip K-Wire, 150mm

Reduction Forceps:

- Reduction Forceps with Points, Broad
- Reduction Forceps with Serrated Jaw

Distal Radius Volar Plates

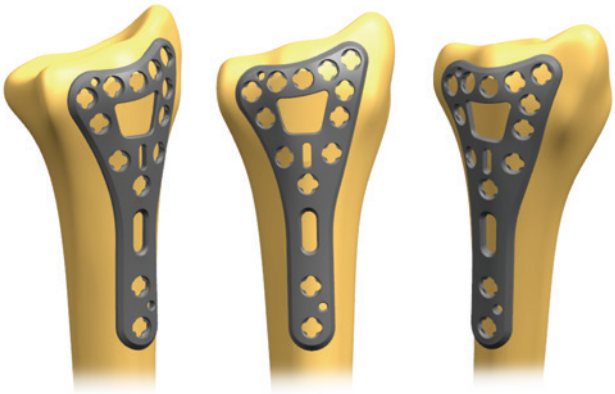
Place the plate with its assembled guide block into the wound and onto the affected distal radius.

Fluoroscopy should be utilized to verify screw path placement during drilling of the distal cluster of screws in the plate to prevent joint penetration.

Distal Radius Dorsal Plates

Position the plate on the dorsal side of the distal radius. Verify plate positioning under fluoroscopy.

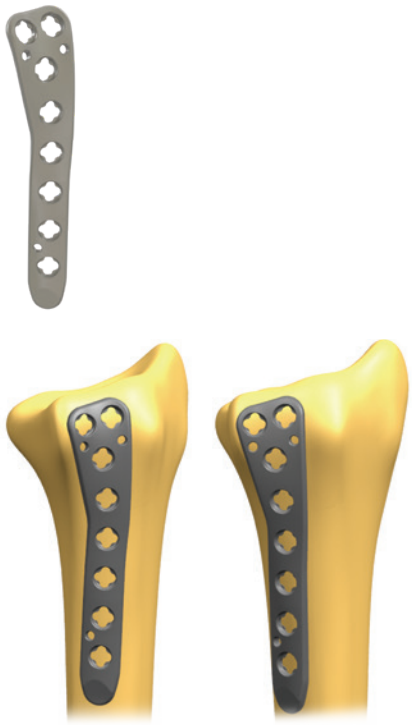
Fluoroscopy should be utilized to verify screw path placement during drilling of the distal cluster of screws in the plate to prevent joint penetration.



Intermediate Column Plate

Position the plate on the intermediate column region of the dorsal side of the distal radius. Verify plate positioning under fluoroscopy.

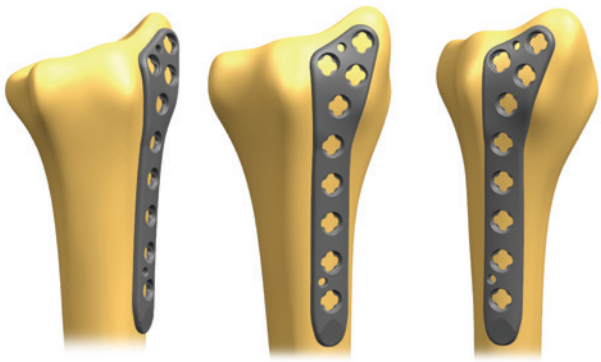
Fluoroscopy should be utilized to verify screw path placement during drilling of the distal cluster of screws in the plate to prevent joint penetration.



Radial Column Plate

Position the plate on the radial column region of the dorsal side of the distal radius. Verify plate positioning under fluoroscopy.

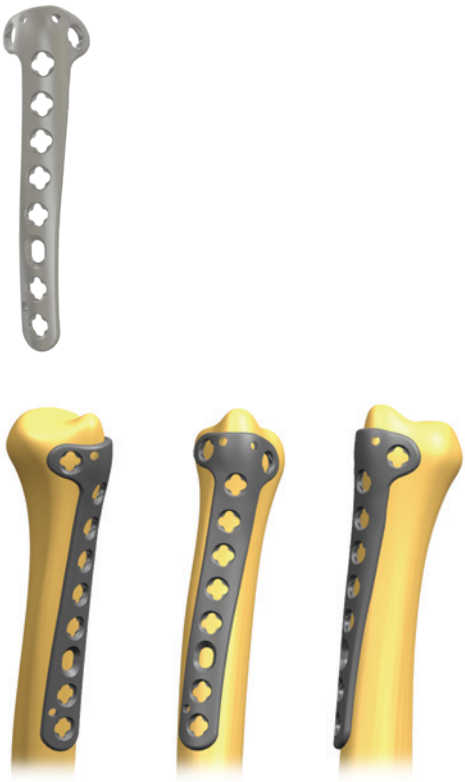
Fluoroscopy should be utilized to verify screw path placement during drilling of the distal cluster of screws in the plate to prevent joint penetration.



Distal Ulna Plate

Position the plate on the ulnar side of the distal ulna close to the ulnar head. Verify plate positioning under fluoroscopy.

Fluoroscopy should be utilized to verify screw path placement during drilling of the distal cluster of screws in the plate to prevent joint penetration.



Guide Block

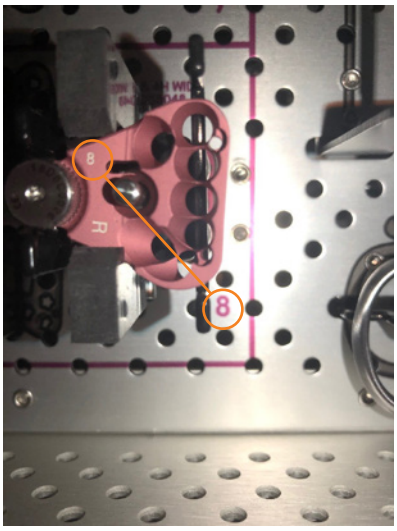
Guide Block Assembly

Once the proper plate has been selected, identify the corresponding Guide Block and remove it from the tray. Lay the Guide Block on the distal end of the plate and thread the thumb screw of the Guide Block into the plate.

Select the plate width and length that will best accommodate the patient's anatomy and fracture pattern.

Note: Do not remove thumb screw from Guide Block for tray processing. If thumb screw disengages from Guide Block, it can be threaded back onto the Guide Block.

Note: Ensure the Guide Block selected is in the correct position in tray. Guide blocks are numbered and must be in the corresponding tray area matching the numbered guide block.



Note: Silver and colored guide blocks are to be used with the 5, 7, and 10 hole plates (titanium) and 5 and 7 hole plates (stainless).

Note: Solid colored guide blocks are to be used with the 3 and 4 hole plates (standard and wide).

Guide Block Removal

Once distal screw cluster is complete, use the T7 Self-Retaining Driver to turn the Plate Holder counter-clockwise and subsequently remove the Guide Block from the Plate.

Provisional Plate Placement

The Plate has been designed with a variety of 1.4mm K-wire holes to assist with plate positioning. A wire driver should be used to advance the provided 1.4mm K-wires through the plate to provisionally position it on the bone.

Distal Screw Preparation

The Guide Block combined with the locking mechanism offers users the options of fixed, predesigned screw trajectories through the use of the Fixed Angle Drill Guide or variable-angle screw trajectories by using the Variable Angle Drill Guide.

Note: It is still possible to misplace screws into the radiocarpal joint using the variable-angle capability of the plate even when the K-wires appear to be well placed. Always confirm safe screw placement with fluoroscopy.

Note: The Guide Block limits screw trajectories to a 30° cone or 15° in any direction when using the Variable Angle Drill Guide. Screw angles should not exceed this in order for the locking mechanism to work properly. Additionally, exceeding 15° off axis may cause unacceptable screw head prominence.

Note: Regardless of which drill guide is used (Fixed Drill Guide or Variable Angle Drill Guide), fluoroscopy should always be used to confirm safe drill placement due to the variability of patient anatomy and fracture patterns.

Insert the tip of the Fixed or Variable Angle Drill Guide into the desired hole and drill accordingly with the 1.8mm Drill.

Note: When inserting drill guide into guide block with close proximity to K-wire, surgeon may need to bend K-wire out of the way.

T7 Holding Sleeve

The T7 Holding Sleeve is only compatible with the T7 linear driver with AO quick connect. First, connect the T7 linear driver to quick connect handle. Second, slide the holding sleeve onto the driver (Wide end first) until it clicks. Align the driver tip with the screw head and proceed to slide the holding sleeve down, until it captures. Proceed to screw in as normal until you encounter interference with guide block or plate, upon which you will pull back the T7 holding sleeve and finish tightening. To remove holding sleeve, put thumb on back end of holding sleeve closest to handle, pull back sleeve and push with thumb simultaneously.

Screw Insertion

The choice of screws, and the order and configuration, is a decision to be made by the individual surgeon depending on the patient's circumstances and needs. Smith & Nephew does not recommend any particular screw insertion order or configuration of the various types of screws available within the EVOS® System.

Non-Locking screws for the EVOS System may be used outside the plate to assist with articular reduction or inter-fragmentary compression and through the plate to fix the plate to bone.

The 2.4mm Cortex Screws in the system may be used either through a 2.4mm plate screw hole or independently for fracture reduction.

Drill

- **Option 1: Independent of a plate:** Position the variable angle side of the 1.8mm Variable-Angle/Fixed-Angle Drill Guide to the bone and drill to the desired depth using the 1.8mm Short Drill Bit.

- **Option 2: Lag screw technique:** Position the 2.4mm Over-Drill to the bone and drill through the near cortex creating a gliding hole for the 2.4mm screws. Insert the variable angle side of the 1.8mm Variable-Angle/Fixed-Angle Drill Guide into the hole that was just drilled to ensure correct trajectory of the pilot-hole. Drill to the desired depth using the 1.8mm Short Drill Bit.

- **Option 3: Through a plate:** The 1.8mm Variable-Angle/Fixed-Angle Drill Guide is double sided. The variable angle side should be used if one intends to place the screw off-axis through the plate. The fixed angle side should be used if one intends to place the screw to the nominal trajectory of the variable-angle hole. Determine the appropriate side of the Variable-Angle/Fixed-Angle Drill Guide and insert it into the desired screw hole. When drilling off axis, ensure the tip of the drill guide engages with the tabbed hole. Drill to the desired depth using the 1.8mm Short Drill Bit.

Note: Conical Drill Guide can be used without the guide block.

Countersink (optional)

If the screw is being used independently, countersinking the screw head may be desired to lower the screw head prominence on the bone. To countersink, attach the countersink for 2.4mm screws to the Quick Coupling Handle and prepare the bone surface by inserting the top into the predrilled hole and turning the countersink clockwise.

Measure

Measure for screw length by taking a direct reading from the 2.4mm Screw Depth Gauge.

Alternatively, 1.8mm Short Drill Bits are calibrated and can be measured off of the back of the fixed-angle side of the 1.8mm Variable-Angle/Fixed-Angle Drill Guide.

Tap (optional)

The 2.4mm screws are self-tapping. However, in areas of dense cortical bone, tapping the bone may be desired prior to screw insertion. Tap by using the 2.4mm Tap. This should be performed manually by using the Quick Coupling Handle.

Screw Insertion

Insert the appropriate length 2.4mm Cortex Screw using the T7 Self-Retaining Screwdriver. Final tightening should be performed by hand with the T7 Fixed-Handle Driver.

Note: To prevent the Self-Retaining Driver from disengaging from the screw, axial pressure should be applied.

The 2.4mm Locking Screws/1.8mm Pegs can be used in both threaded and variable-angle holes within 2.4mm plates. 2.4mm Locking Screws/1.8mm Pegs can be angled and locked up to 15° in any direction in 2.4mm variable-angle holes.

Note: It is not recommended to engage the variable-angle locking mechanism more than two times during screw insertion. Also, repeated use or damage to variable-angle locking tabs can cause:

- Screws to not lock to plate
- Screws to pass through plate

Drill

- **Through a plate:**
  - **For variable angle tabbed holes:** The 1.8mm Variable-Angle/Fixed-Angle Drill Guide Stainless is double sided. The variable angle side should be used if one intends to place the screw off-axis through the plate. The fixed angle side should be used if one intends to place the screw to the nominal trajectory of the variable-angle hole. Determine the appropriate side of the Variable-Angle/Fixed-Angle Drill Guide and insert it into the desired screw hole. When drilling off axis, ensure the tip of the drill guide engages with the tabbed hole. Drill to the desired depth using the 1.8mm Short Drill Bit.

Note: Conical Drill Guide to be used without the guide block.

Measure

Measure for screw length by taking a direct reading from the 2.4mm Screw Depth Gauge.

Tap (optional)

The 2.4mm screws are self-tapping. However, in areas of dense cortical bone, tapping the bone may be desired prior to screw insertion. Tap by using the 2.4mm Tap. This should be performed manually by using the Quick Coupling Handle.

Screw insertion

Insert the appropriate length 2.4mm Locking Screw/1.8mm Pegs using the T7 Self-Retaining Screwdriver. Final tightening should be performed using a two finger technique to avoid loss of reduction, stripping of screw head or damage to the screwdriver. When using locking screws, a moderate amount of downward force should be applied as the locking threads of the screw engage the tabs of the plate. Once the locking screw engages the plate, only half turn is needed to lock the screw into the plate.

Note: To prevent the Self-Retaining Driver from disengaging from the screw, axial pressure should be applied.

3.5mm Cortex Screws can be angled up to 20° in any direction in 3.5mm fixed angle holes.

Drill

- **Option 1: Through a plate (Neutral Mode)**
  - **Fixed-Angle Threaded Holes:** Thread in the 2.5mm Fixed-Angle Drill Guide into the desired screw hole and drill to the desired depth using the 2.5mm Drill.
  - **Non-threaded holes:** Position the Variable-Angle Drill guide vertically into the desired screw hole and drill to the desired depth using the 2.5mm Drill.
- **Option 2: Through a plate (Compression Mode)**
  - **Fixed-Angle Threaded Holes/Non-threaded holes:** Position the 2.5mm Variable-Angle Drill Guide into the desired screw hole. To gain axial compression, position the drill guide so that it is against the wall of the hole furthest from the fracture. Drill to the desired depth using the 2.5mm Drill.

Measure

- Measure for screw length by taking a direct reading from the 3.5mm Screw Depth Gauge.
- Measure for screw length by taking a direct reading from the 2.5mm Drill Bit when using the Variable Angle Drill Guide or Fixed-Angle Drill Guide

Screw Insertion

Insert the appropriate length screw using the 2.5mm Self-Retaining Screwdriver (Stainless Set) or the T15 Self-Retaining Driver (Titanium Set). Final tightening should be performed by hand using the 2.5mm Fixed-Handle Driver (Stainless Set) or the T15 Driver Fixed Handle (Titanium Set).

Note: To prevent the Self-Retaining Driver from disengaging from the screw, axial pressure should be applied.

3.5mm Locking Screws can be locked through the plate in a fixed-angle through 3.5mm threaded holes.

Drill

- **Option 1: Through a plate**
  - **Fixed-Angle Threaded Holes:** Thread in the 2.5mm Fixed-Angle Drill Guide into the desired screw hole and drill to the desired depth using the 2.5mm Drill.

Measure

- Measure for screw length by taking a direct reading from the 3.5mm Screw Depth Gauge.
- Measure for screw length by taking a direct reading from the 2.5mm Drill Bit when using the Variable Angle Drill Guide or Fixed-Angle Drill Guide

Screw Insertion

Insert the appropriate length screw using the 2.5mm Self-Retaining Screwdriver (Stainless Set) or the T15 Self-Retaining Driver (Titanium Set). Final tightening should be performed by hand using the 2.5mm Fixed-Handle Driver (Stainless Set) or the T15 Driver Fixed Handle (Titanium Set).

Note: To prevent the Self-Retaining Driver from disengaging from the screw, axial pressure should be applied.

Closure

Obtain final AP and lateral radiographic images to confirm patient implant position and fracture reduction. Wound closure follows standard technique.

Note: Care should be taken during dissection and reconstruction of soft tissue to reduce the occurrence of soft tissue adherence and/or tissue irritation.

Cat. Item	Description	Qty
Trays		
7115-8130	EVOS® WRIST Volar Distal Radius Titanium Tray	1
7115-8131	EVOS WRIST Volar Distal Radius Titanium Tray Lid	1
7115-8132	EVOS WRIST 1.8/2.4mm Ti Screw Caddy With Lid	1
7115-8133	EVOS WRIST 3.5mm Ti Screw Caddy With Lid	1
7115-8134	EVOS WRIST Volar Distal Radius Titanium Plate Tray	1
7117-0430	EVOS WRIST Volar Distal Radius Stainless Steel Tray	1
7117-0431	EVOS WRIST Volar Distal Radius Stainless Steel Tray Lid	1
7117-0432	EVOS WRIST Stainless 1.8/2.4mm Screw Caddy With Lid	1
7117-0433	EVOS WRIST Stainless 3.5mm Screw Caddy With Lid	1
7117-0434	EVOS WRIST Volar Distal Radius Stainless Steel Plate Tray	1
7115-8135	EVOS WRIST Dorsal Distal Radius and Distal Ulna Titanium Tray	1
7115-8136	EVOS WRIST Dorsal Distal Radius and Distal Ulna Titanium Tray Lid	1
Volar Titanium Plates		
7115-8103	EVOS Distal Radius Volar Plate 3H Left Standard Titanium 48mm	1
7115-8203	EVOS Distal Radius Volar Plate 3H Right Standard Titanium 48mm	1
7115-8303	EVOS Distal Radius Volar Plate 3H Left Wide Titanium 48mm	1
7115-8403	EVOS Distal Radius Volar Plate 3H Right Wide Titanium 48mm	1
7115-8104	EVOS Distal Radius Volar Plate 4H Left Standard Titanium 56mm	1
7115-8204	EVOS Distal Radius Volar Plate 4H Right Standard Titanium 56mm	1
7115-8304	EVOS Distal Radius Volar Plate 4H Left Wide Titanium 56mm	1
7115-8404	EVOS Distal Radius Volar Plate 4H Right Wide Titanium 56mm	1
7115-8105	EVOS Distal Radius Volar Plate 5H Left Standard Titanium 81mm	1
7115-8205	EVOS Distal Radius Volar Plate 5H Right Standard Titanium 81mm	1
7115-8305	EVOS Distal Radius Volar Plate 5H Left Wide Titanium 83mm	1
7115-8405	EVOS Distal Radius Volar Plate 5H Right Wide Titanium 83mm	1
7115-8107	EVOS Distal Radius Volar Plate 7H Left Standard Titanium 105mm	1
7115-8207	EVOS Distal Radius Volar Plate 7H Right Standard Titanium 105mm	1
7115-8307	EVOS Distal Radius Volar Plate 7H Left Wide Titanium 105mm	1
7115-8407	EVOS Distal Radius Volar Plate 7H Right Wide Titanium 105mm	1
7115-8110	EVOS Distal Radius Volar Plate 10H Left Standard Titanium 141mm	1
7115-8210	EVOS Distal Radius Volar Plate 10H Right Standard Titanium 141mm	1
Volar Stainless Plates		
7246-8103	EVOS Distal Radius Volar Plate 3H Left Standard 48mm	1
7246-8203	EVOS Distal Radius Volar Plate 3H Right Standard 48mm	1
7246-8303	EVOS Distal Radius Volar Plate 3H Left Wide 48mm	1
7246-8403	EVOS Distal Radius Volar Plate 3H Right Wide 48mm	1
7246-8104	EVOS Distal Radius Volar Plate 4H Left Standard 56mm	1
7246-8204	EVOS Distal Radius Volar Plate 4H Right Standard 56mm	1
7246-8304	EVOS Distal Radius Volar Plate 4H Left Wide 56mm	1
7246-8404	EVOS Distal Radius Volar Plate 4H Right Wide 56mm	1
7246-8105	EVOS Distal Radius Volar Plate 5H Left Standard 76mm	1
7246-8205	EVOS Distal Radius Volar Plate 5H Right Standard 76mm	1
7246-8305	EVOS Distal Radius Volar Plate 5H Left Wide 78mm	1
7246-8405	EVOS Distal Radius Volar Plate 5H Right Wide 78mm	1
7246-8107	EVOS Distal Radius Volar Plate 7H Left Standard 100mm	1
7246-8207	EVOS Distal Radius Volar Plate 7H Right Standard 100mm	1
7246-8307	EVOS Distal Radius Volar Plate 7H Left Wide 100mm	1
7246-8407	EVOS Distal Radius Volar Plate 7H Right Wide 100mm	1

*Add "N" to end of implant CI for Non-Sterile.

Cat. Item	Description	Qty
Dorsal Titanium Plates		
7115-8503	EVOS® Dorsal Radius Plate 3H Left Standard Titanium 56mm	1
7115-8603	EVOS Dorsal Radius Plate 3H Right Standard Titanium 56mm	1
7115-8504	EVOS Dorsal Radius Plate 3H Left Wide Titanium 58mm	1
7115-8604	EVOS Dorsal Radius Plate 3H Right Wide Titanium 58mm	1
7115-8505	EVOS Dorsal Intermediate Column Plate 4H Left Titanium 54mm	1
7115-8605	EVOS Dorsal Intermediate Column Plate 4H Right Titanium 54mm	1
7115-8506	EVOS Dorsal Radial Column Plate 4H Left Titanium 57mm	1
7115-8606	EVOS Dorsal Radial Column Plate 4H Right Titanium 57mm	1
7115-8507	EVOS Distal Ulna Plate 7H Left Titanium 56mm	1
7115-8607	EVOS Distal Ulna Plate 7H Right Titanium 56mm	1
Titanium Screws		
7339-1910	EVOS Titanium 1.8mm x 10mm Locking Peg T7	5
7339-1911	EVOS Titanium 1.8mm x 11mm Locking Peg T7	5
7339-1912	EVOS Titanium 1.8mm x 12mm Locking Peg T7	5
7339-1913	EVOS Titanium 1.8mm x 13mm Locking Peg T7	5
7339-1914	EVOS Titanium 1.8mm x 14mm Locking Peg T7	5
7339-1915	EVOS Titanium 1.8mm x 15mm Locking Peg T7	5
7339-1916	EVOS Titanium 1.8mm x 16mm Locking Peg T7	5
7339-1917	EVOS Titanium 1.8mm x 17mm Locking Peg T7	5
7339-1918	EVOS Titanium 1.8mm x 18mm Locking Peg T7	5
7339-1919	EVOS Titanium 1.8mm x 19mm Locking Peg T7	5
7339-1920	EVOS Titanium 1.8mm x 20mm Locking Peg T7	5
7339-1921	EVOS Titanium 1.8mm x 21mm Locking Peg T7	5
7339-1922	EVOS Titanium 1.8mm x 22mm Locking Peg T7	5
7339-1923	EVOS Titanium 1.8mm x 23mm Locking Peg T7	5
7339-1924	EVOS Titanium 1.8mm x 24mm Locking Peg T7	5
7339-1926	EVOS Titanium 1.8mm x 26mm Locking Peg T7	5
7339-1928	EVOS Titanium 1.8mm x 28mm Locking Peg T7	5
7339-1930	EVOS Titanium 1.8mm x 30mm Locking Peg T7	5
7440-2408	VLP® Titanium 2.4mm x 8mm Cortex Screw T7 Self-Tapping	5
7440-2409	VLP Titanium 2.4mm x 9mm Cortex Screw T7 Self-Tapping	5
7440-2410	VLP Titanium 2.4mm x 10mm Cortex Screw T7 Self-Tapping	5
7440-2411	VLP Titanium 2.4mm x 11mm Cortex Screw T7 Self-Tapping	5
7440-2412	VLP Titanium 2.4mm x 12mm Cortex Screw T7 Self-Tapping	5
7440-2413	VLP Titanium 2.4mm x 13mm Cortex Screw T7 Self-Tapping	5
7440-2414	VLP Titanium 2.4mm x 14mm Cortex Screw T7 Self-Tapping	5
7440-2415	VLP Titanium 2.4mm x 15mm Cortex Screw T7 Self-Tapping	5
7440-2416	VLP Titanium 2.4mm x 16mm Cortex Screw T7 Self-Tapping	5
7440-2417	VLP Titanium 2.4mm x 17mm Cortex Screw T7 Self-Tapping	5
7440-2418	VLP Titanium 2.4mm x 18mm Cortex Screw T7 Self-Tapping	5
7440-2419	VLP Titanium 2.4mm x 19mm Cortex Screw T7 Self-Tapping	5
7440-2420	VLP Titanium 2.4mm x 20mm Cortex Screw T7 Self-Tapping	5
7440-2421	VLP Titanium 2.4mm x 21mm Cortex Screw T7 Self-Tapping	5
7440-2422	VLP Titanium 2.4mm x 22mm Cortex Screw T7 Self-Tapping	5
7440-2423	VLP Titanium 2.4mm x 23mm Cortex Screw T7 Self-Tapping	5
7440-2424	VLP Titanium 2.4mm x 24mm Cortex Screw T7 Self-Tapping	5
7440-2426	VLP Titanium 2.4mm x 26mm Cortex Screw T7 Self-Tapping	5
7440-2428	VLP Titanium 2.4mm x 28mm Cortex Screw T7 Self-Tapping	5
7440-2430	VLP Titanium 2.4mm x 30mm Cortex Screw T7 Self-Tapping	5
7441-2408	VLP Titanium 2.4mm x 8mm Locking Screw T7 Self-Tapping	5
7441-2409	VLP Titanium 2.4mm x 9mm Locking Screw T7 Self-Tapping	5
7441-2410	VLP Titanium 2.4mm x 10mm Locking Screw T7 Self-Tapping	5
7441-2411	VLP Titanium 2.4mm x 11mm Locking Screw T7 Self-Tapping	5
7441-2412	VLP Titanium 2.4mm x 12mm Locking Screw T7 Self-Tapping	5
7441-2413	VLP Titanium 2.4mm x 13mm Locking Screw T7 Self-Tapping	5
7441-2414	VLP Titanium 2.4mm x 14mm Locking Screw T7 Self-Tapping	5
7441-2415	VLP Titanium 2.4mm x 15mm Locking Screw T7 Self-Tapping	5
7441-2416	VLP Titanium 2.4mm x 16mm Locking Screw T7 Self-Tapping	5
7441-2417	VLP Titanium 2.4mm x 17mm Locking Screw T7 Self-Tapping	5

*Add "N" to end of implant CI for Non-Sterile.

Cat. Item	Description	Qty
Titanium Screws		
7441-2418	VLP® Titanium 2.4mm x 18mm Locking Screw T7 Self-Tapping	5
7441-2419	VLP Titanium 2.4mm x 19mm Locking Screw T7 Self-Tapping	5
7441-2420	VLP Titanium 2.4mm x 20mm Locking Screw T7 Self-Tapping	5
7441-2421	VLP Titanium 2.4mm x 21mm Locking Screw T7 Self-Tapping	5
7441-2422	VLP Titanium 2.4mm x 22mm Locking Screw T7 Self-Tapping	5
7441-2423	VLP Titanium 2.4mm x 23mm Locking Screw T7 Self-Tapping	5
7441-2424	VLP Titanium 2.4mm x 24mm Locking Screw T7 Self-Tapping	5
7441-2426	VLP Titanium 2.4mm x 26mm Locking Screw T7 Self-Tapping	5
7441-2428	VLP Titanium 2.4mm x 28mm Locking Screw T7 Self-Tapping	5
7441-2430	VLP Titanium 2.4mm x 30mm Locking Screw T7 Self-Tapping	5
7540-3510	EVOS® Titanium 3.5mm x 10mm Cortex Screw T15 Self-Tapping	5
7540-3511	EVOS Titanium 3.5mm x 11mm Cortex Screw T15 Self-Tapping	5
7540-3512	EVOS Titanium 3.5mm x 12mm Cortex Screw T15 Self-Tapping	5
7540-3513	EVOS Titanium 3.5mm x 13mm Cortex Screw T15 Self-Tapping	5
7540-3514	EVOS Titanium 3.5mm x 14mm Cortex Screw T15 Self-Tapping	5
7540-3515	EVOS Titanium 3.5mm x 15mm Cortex Screw T15 Self-Tapping	5
7540-3516	EVOS Titanium 3.5mm x 16mm Cortex Screw T15 Self-Tapping	5
7540-3518	EVOS Titanium 3.5mm x 18mm Cortex Screw T15 Self-Tapping	5
7540-3520	EVOS Titanium 3.5mm x 20mm Cortex Screw T15 Self-Tapping	5
7541-3511	EVOS Titanium 3.5mm x 10mm Locking Screw T15 Self Tapping	5
7541-3511	EVOS Titanium 3.5mm x 11mm Locking Screw T15 Self Tapping	5
7541-3512	EVOS Titanium 3.5mm x 12mm Locking Screw T15 Self Tapping	5
7541-3513	EVOS Titanium 3.5mm x 13mm Locking Screw T15 Self Tapping	5
7541-3514	EVOS Titanium 3.5mm x 14mm Locking Screw T15 Self Tapping	5
7541-3515	EVOS Titanium 3.5mm x 15mm Locking Screw T15 Self Tapping	5
7541-3516	EVOS Titanium 3.5mm x 16mm Locking Screw T15 Self Tapping	5
7541-3518	EVOS Titanium 3.5mm x 18mm Locking Screw T15 Self Tapping	5
7541-3520	EVOS Titanium 3.5mm x 20mm Locking Screw T15 Self Tapping	5
Stainless Screws		
7241-1810	EVOS 1.8mm x 10mm Locking Peg T7	5
7241-1811	EVOS 1.8mm x 11mm Locking Peg T7	5
7241-1812	EVOS 1.8mm x 12mm Locking Peg T7	5
7241-1813	EVOS 1.8mm x 13mm Locking Peg T7	5
7241-1814	EVOS 1.8mm x 14mm Locking Peg T7	5
7241-1815	EVOS 1.8mm x 15mm Locking Peg T7	5
7241-1816	EVOS 1.8mm x 16mm Locking Peg T7	5
7241-1817	EVOS 1.8mm x 17mm Locking Peg T7	5
7241-1818	EVOS 1.8mm x 18mm Locking Peg T7	5
7241-1819	EVOS 1.8mm x 19mm Locking Peg T7	5
7241-1820	EVOS 1.8mm x 20mm Locking Peg T7	5
7241-1821	EVOS 1.8mm x 21mm Locking Peg T7	5
7241-1822	EVOS 1.8mm x 22mm Locking Peg T7	5
7241-1823	EVOS 1.8mm x 23mm Locking Peg T7	5
7241-1824	EVOS 1.8mm x 24mm Locking Peg T7	5
7241-1826	EVOS 1.8mm x 26mm Locking Peg T7	5
7241-1828	EVOS 1.8mm x 28mm Locking Peg T7	5
7241-1830	EVOS 1.8mm x 30mm Locking Peg T7	5
7240-2408	EVOS 2.4mm x 8mm Cortex Screw T7 Self-Tapping	5
7240-2409	EVOS 2.4mm x 9mm Cortex Screw T7 Self-Tapping	5
7240-2410	EVOS 2.4mm x 10mm Cortex Screw T7 Self-Tapping	5
7240-2411	EVOS 2.4mm x 11mm Cortex Screw T7 Self-Tapping	5
7240-2412	EVOS 2.4mm x 12mm Cortex Screw T7 Self-Tapping	5
7240-2413	EVOS 2.4mm x 13mm Cortex Screw T7 Self-Tapping	5
7240-2414	EVOS 2.4mm x 14mm Cortex Screw T7 Self-Tapping	5
7240-2415	EVOS 2.4mm x 15mm Cortex Screw T7 Self-Tapping	5
7240-2416	EVOS 2.4mm x 16mm Cortex Screw T7 Self-Tapping	5
7240-2417	EVOS 2.4mm x 17mm Cortex Screw T7 Self-Tapping	5
7240-2418	EVOS 2.4mm x 18mm Cortex Screw T7 Self-Tapping	5
7240-2419	EVOS 2.4mm x 19mm Cortex Screw T7 Self-Tapping	5
7240-2420	EVOS 2.4mm x 20mm Cortex Screw T7 Self-Tapping	5
7240-2421	EVOS 2.4mm x 21mm Cortex Screw T7 Self-Tapping	5

*Add "N" to end of implant CI for Non-Sterile.

Cat. Item	Description	Qty
Stainless Screws		
7240-2422	EVOS® 2.4mm x 22mm Cortex Screw T7 Self-Tapping	5
7240-2423	EVOS 2.4mm x 23mm Cortex Screw T7 Self-Tapping	5
7240-2424	EVOS 2.4mm x 24mm Cortex Screw T7 Self-Tapping	5
7240-2426	EVOS 2.4mm x 26mm Cortex Screw T7 Self-Tapping	5
7240-2428	EVOS 2.4mm x 28mm Cortex Screw T7 Self-Tapping	5
7240-2430	EVOS 2.4mm x 30mm Cortex Screw T7 Self-Tapping	5
7241-2408	EVOS 2.4mm x 8mm Locking Screw T7 Self-Tapping	5
7241-2409	EVOS 2.4mm x 9mm Locking Screw T7 Self-Tapping	5
7241-2410	EVOS 2.4mm x 10mm Locking Screw T7 Self-Tapping	5
7241-2411	EVOS 2.4mm x 11mm Locking Screw T7 Self-Tapping	5
7241-2412	EVOS 2.4mm x 12mm Locking Screw T7 Self-Tapping	5
7241-2413	EVOS 2.4mm x 13mm Locking Screw T7 Self-Tapping	5
7241-2414	EVOS 2.4mm x 14mm Locking Screw T7 Self-Tapping	5
7241-2415	EVOS 2.4mm x 15mm Locking Screw T7 Self-Tapping	5
7241-2416	EVOS 2.4mm x 16mm Locking Screw T7 Self-Tapping	5
7241-2417	EVOS 2.4mm x 17mm Locking Screw T7 Self-Tapping	5
7241-2418	EVOS 2.4mm x 18mm Locking Screw T7 Self-Tapping	5
7241-2419	EVOS 2.4mm x 19mm Locking Screw T7 Self-Tapping	5
7241-2420	EVOS 2.4mm x 20mm Locking Screw T7 Self-Tapping	5
7241-2421	EVOS 2.4mm x 21mm Locking Screw T7 Self-Tapping	5
7241-2422	EVOS 2.4mm x 22mm Locking Screw T7 Self-Tapping	5
7241-2423	EVOS 2.4mm x 23mm Locking Screw T7 Self-Tapping	5
7241-2424	EVOS 2.4mm x 24mm Locking Screw T7 Self-Tapping	5
7241-2426	EVOS 2.4mm x 26mm Locking Screw T7 Self-Tapping	5
7241-2428	EVOS 2.4mm x 28mm Locking Screw T7 Self-Tapping	5
7241-2430	EVOS 2.4mm x 30mm Locking Screw T7 Self-Tapping	5
7240-3510	EVOS 3.5mm x 10mm Cortex Screw T7 Self-Tapping	5
7240-3511	EVOS 3.5mm x 11mm Cortex Screw T7 Self-Tapping	5
7240-3512	EVOS 3.5mm x 12mm Cortex Screw T7 Self-Tapping	5
7240-3513	EVOS 3.5mm x 13mm Cortex Screw T7 Self-Tapping	5
7240-3514	EVOS 3.5mm x 14mm Cortex Screw T7 Self-Tapping	5
7240-3515	EVOS 3.5mm x 15mm Cortex Screw T7 Self-Tapping	5
7240-3516	EVOS 3.5mm x 16mm Cortex Screw T7 Self-Tapping	5
7240-3518	EVOS 3.5mm x 18mm Cortex Screw T7 Self-Tapping	5
7240-3520	EVOS 3.5mm x 20mm Cortex Screw T7 Self-Tapping	5
7241-3510	EVOS 3.5mm x 10mm Locking Screw T7 Self-Tapping	5
7241-3511	EVOS 3.5mm x 11mm Locking Screw T7 Self-Tapping	5
7241-3512	EVOS 3.5mm x 12mm Locking Screw T7 Self-Tapping	5
7241-3513	EVOS 3.5mm x 13mm Locking Screw T7 Self-Tapping	5
7241-3514	EVOS 3.5mm x 14mm Locking Screw T7 Self-Tapping	5
7241-3515	EVOS 3.5mm x 15mm Locking Screw T7 Self-Tapping	5
7241-3516	EVOS 3.5mm x 16mm Locking Screw T7 Self-Tapping	5
7241-3518	EVOS 3.5mm x 18mm Locking Screw T7 Self-Tapping	5
7241-3520	EVOS 3.5mm x 20mm Locking Screw T7 Self-Tapping	5
General Instruments - Titanium Set		
7115-8045	D-RAD® Volar Guide Block 3 Hole And 4 Hole Left Standard	1
7115-8047	D-RAD Volar Guide Block 3 Hole And 4 Hole Right Standard	1
7115-8046	D-RAD Volar Guide Block 3 Hole And 4 Hole Left Wide	1
7115-8048	D-RAD Volar Guide Block 3 Hole And 4 Hole Right Wide	1
7115-8049	D-RAD Volar Guide Block 5 Hole 7 Hole And 10 Hole Left Standard	1
7115-8051	D-RAD Volar Guide Block 5 Hole 7 Hole And 10 Hole Right Standard	1
7115-8050	D-RAD Volar Guide Block 5 Hole 7 Hole Left Wide	1
7115-8052	D-RAD Volar Guide Block 5 Hole 7 Hole Right Wide	1
7115-8090	EVOS Distal Radius Ti 1.8mm Fixed Angle And Variable Angle Drill Guide	1
7115-8091	EVOS Distal Radius Ti 1.8mm Fixed Angle Tabbed Drill Tower	1
7116-1014	Trocar Tip Wire 1.4mm x 100mm	6
7115-8092	EVOS Distal Radius Ti 1.8mm Drill Ao Qc	2
7446-2410	VLP Mini-Mod 2.4mm Overdrill Ao Qc	2
7117-5023	EVOS® SMALL 2.5mm Drill w/AO QC, Short	2
7115-8072	Depth Gauge For 1.8mm Pegs And 2.4mm Screws	1

*Add "N" to end of implant CI for Non-Sterile.

*Add "N" to end of implant CI for Non-Sterile.

Cat. Item	Description	Qty
General Instruments - Titanium Set		
7117-5069	EVOS Small 3.5mm Depth Gauge, Short	1
7117-4927	T7 Driver Shaft w/AO QC	1
7446-2414	Fixed Handle T7 Driver	1
7115-8074	T15 Self Retaining Driver Shaft With Quick Connect 120mm	2
7115-8075	T15 Driver Fixed Handle	1
7117-5028	EVOS 3.5mm Tap w/AO QC	1
7117-5031	EVOS 3.5mm Countersink w/AO QC	1
7117-4969	Countersink 2.4mm Screws w/ AO QC	1
7117-4916	2.4mm Tap w/AO QC	1
7110-1530	Freer Elevator	1
7117-0097	Periosteal Elevator – 6mm Curved	1
7117-0043	Sharp Hook	1
7117-3378	Rdce Frcps w/Srrtd Jw	1
7115-8076	D-RAD® Plate Bending Irons	2
7116-1016	PERI-LOC® K-Wire 1.6mm x 150mm Length Trocar Point	6
7117-3369	Hohmann Retractor – Bent 8mm Width	2
7117-5110	EVOS Distal Radius 2.5mm Variable Angle Drill Guide	1
7117-3377	Reduction Forceps w/Points, Broad	2
7117-4988	T7 Holding Sleeve	1
7115-8400	EVOS Distal Radius Ti 1.8mm Fixed Angle and Conical Drill Guide	1
7117-0015	Quick Coupling Handle	1
7117-7031	EVOS Distal Radius 2.5mm Locking Drill Guide Short	1
7115-8093	T7 LINEAR DRIVER SHAFT W/AO QC	1
7115-8099	2.4mm 4 Tab Titanium Plate Bending Rod	2
General Instruments - Stainless Set		
7115-8045	D-RAD® Volar Guide Block 3 Hole And 4 Hole Left Standard	1
7115-8047	D-RAD Volar Guide Block 3 Hole And 4 Hole Right Standard	1
7115-8046	D-RAD Volar Guide Block 3 Hole And 4 Hole Left Wide	1
7115-8048	D-RAD Volar Guide Block 3 Hole And 4 Hole Right Wide	1
7115-8049	D-RAD Volar Guide Block 5 Hole 7 Hole And 10 Hole Left Standard	1
7115-8051	D-RAD Volar Guide Block 5 Hole 7 Hole And 10 Hole Right Standard	1
7115-8050	D-RAD Volar Guide Block 5 Hole 7 Hole Left Wide	1
7115-8052	D-RAD Volar Guide Block 5 Hole 7 Hole Right Wide	1
7115-8070	D-RAD 1.8mm Fixed Angle And Variable Angle Drill Guide	1
7117-5109	EVOS Distal Radius 1.8mm Drill Guide Tower Short	1
7116-1014	Trocar Tip Wire 1.4mm x 100mm	6
7115-8092	EVOS Distal Radius Ti 1.8mm Drill AO QC	2
7446-2410	VLP® MINI-MOD 2.4mm Overdrill AO QC	2
7117-5023	EVOS SMALL 2.5mm Drill W/AO QC, Short	2
7115-8072	Depth Gauge For 1.8mm Pegs And 2.4mm Screws	1
7117-5069	EVOS Small 3.5mm Depth Gauge, Short	1
7117-4927	T7 Driver Shaft w/AO QC	1
7117-4926	Fixed Handle T7 Driver	1
7117-5073	2.5mm Hex Driver Shaft Short	2
7117-5111	EVOS Distal Radius 2.5mm Fixed Handle Tapered Hex Driver	1
7117-5028	EVOS 3.5mm Tap w/AO QC	1
7117-5031	EVOS 3.5mm Countersink w/AO QC	1
7117-4969	Countersink 2.4mm Screws w/AO QC	1
7117-4916	2.4mm Tap w/AO QC	1
7110-1530	Freer Elevator	1
7117-0097	Periosteal Elevator-6mm Curved	1
7117-0043	Sharp Hook	1
7117-3378	RDCE FRCPS w/Srrtd Jw	1
7115-8076	D-RAD Plate Bending Irons	2
7116-1016	PERI-LOC K-Wire 1.6mm x 150mm Length Trocar Point	6
7117-3369	Hohmann Retractor - Bent 8mm Width	2
7117-5110	EVOS Distal Radius 2.5mm Variable Angle Drill Guide	1
7117-3377	Reduction Forceps W/Points, Broad	2
7117-4988	T7 Holding Sleeve	1
7117-0015	Quick Coupling Handle	1
7115-8401	EVOS Distal Radius SST 1.8mm Fixed Angle and Conical Drill Guide	1
7117-7031	EVOS Distal Radius 2.5mm Locking Drill Guide Short	1
7117-4985	T7 Linear Driver Shaft w/AO QC	1

Cat. Item	Description	Qty
Set BOMs		
7141-0260N	EVOS® Volar Distal Radius – Titanium Set	1
7141-0261N	EVOS Volar Distal Radius – Stainless Set	1
7141-0262	EVOS Dorsal Plate Set - Sterile	1
7141-0262N	EVOS Dorsal Plate Set	1
7141-0266	EVOS Volar Distal Radius Titanium Implant Set – Sterile	1
7141-0267	EVOS Volar Distal Radius Stainless Implant Set – Sterile	1
7141-0268	EVOS Volar Distal Radius Titanium Instrument Set	1
7141-0269	EVOS Volar Distal Radius Stainless Instrument Set	1

Supporting healthcare professionals for over 150 years

Smith & Nephew, Inc.
1450 East Brooks Road
Memphis, TN 38116
USA

www.smith-nephew.com
Telephone: 1-901-396-2121
Information: 1-800-821-5700
Orders/Inquiries: 1-800-238-7538

15761 V4 71081171 REVB 03/20