

Surgical Technique for the EVOS[◇] MINI Plating System

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Nota Bene

The technique description herein is made available to the healthcare professional to illustrate the authors' suggested treatment for the uncomplicated procedure. In the final analysis, the preferred treatment is that which addresses the needs of the patient. For more information on the products shown in this surgical technique, including indications for use, contraindications, effects, precautions and warnings, please consult the Instructions for Use (IFU) for the product.

Product overview

The EVOS° MINI Plating System consists of stainless steel, variable-angle locking plates and screw options that are designed to have a low-profile for both small and long bone applications

Plate design

The EVOS MINI Plating System provides unique plate geometries for both small and long bone anatomy. Plates in varying lengths and geometries address a multitude of trauma applications.

- Tine plates are designed specifically to engage bone fragments for fragment manipulation.
- Strength Plates designed to provide a thicker and more stable option compared to the Flex and Tine Plates.
- Flex Plates can be contoured in three planes to address variable anatomy.

Low profile

The plates are designed to ensure low profile fixation in areas of minimal soft-tissue coverage. Additionally, the screws in the system feature a flat head to sit flush when used independently or through a plate.

Variable-Angle technology

Each screw hole contains five separate tabs that engage the threads of the locking screw head to form a fixed-angle construct. This feature allows locking screws to be angled up to 15° off axis.¹

Osteopenia Screws

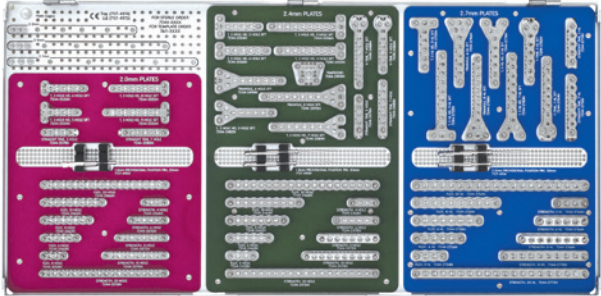
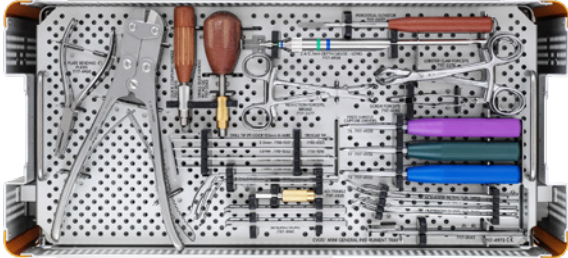
Osteopenia Screws are designed with an optimized thread form for use in areas of poor bone quality.

Intuitive instrumentation

Standardized connections and colour coded instruments are designed to be intuitive to provide a transition between the EVOS MINI Plating System and other implant systems.

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.

EVOS[◇] MINI Plating System



2.0mm

2.4mm

2.7mm

General Instrument Tray

Plate Tray



2.0mm Module

2.4mm Module

2.7mm Module



Plate options

2.0mm plates

Geometry	Size options	Thickness	Shaft width	Hole spacing	Longest plate length
T-Plate 2 Hole Head 	6H, 8H	1.2mm	Shaft: 5.0mm, Head: 10.2mm	5mm	46mm
T-Plate 3 Hole Head 	5H, 9H	1.2mm	Shaft: 5.0mm, Head: 15.3mm	5mm	51mm
Flex Plate 	4H, 6H, 8H, 10H, 20H	1.2mm	5.0mm	5mm	101mm
Straight Tine Plate 	5H, 7H	1.2mm	5.0mm	5mm	38mm
Strength Plate 	4H, 6H, 8H, 10H, 20H	1.3mm	5.0mm	5mm	101mm

2.4mm plates

Geometry	Size options	Thickness	Shaft width	Hole spacing	Longest plate length
T-Plate 2 Hole Head 	6H, 8H	1.4mm	Shaft: 6.0mm, Head: 12.3mm	6mm	55mm
T-Plate 3 Hole Head 	5H, 9H	1.4mm	Shaft: 6.0mm, Head: 18.3mm	6mm	61mm
Flex Plate 	4H, 6H, 8H, 10H, 20H	1.4mm	6.0mm	6mm	121mm
Straight Tine Plate 	5H, 7H	1.4mm	6.0mm	6mm	46mm
Strength Plate 	4H, 6H, 8H, 10H, 20H	1.9mm	6.0mm	6mm	121mm
Y-Plate 	5H, 7H	1.4mm	Shaft: 6.0mm, Head: 18.3mm	6mm	60mm
Y-Tine Plate 	5H, 7H	1.4mm	Shaft: 6.0mm, Head: 12.9mm	6mm	57mm
Triangle Plate 	6H, 8H	1.4mm	Shaft: 6.0mm, Head: 18.5mm	6mm	67mm
Trapezoid Plate 	5H	1.4mm	Top: 17.8mm, Bottom: 24.0mm, Height: 17.8mm	NA	NA

2.7mm plates

Geometry	Size options	Thickness	Shaft width	Hole spacing	Longest plate length
T-Plate 3 Hole Head 	5H, 9H	1.4mm	Shaft: 7.5mm, Head: 21.5mm	7mm	71mm
Flex Plate 	4H, 6H, 8H, 10H, 20H	1.4mm	7.5mm	7mm	140mm
Straight Tine Plate 	5H, 7H	1.4mm	7.5mm	7mm	52mm
Strength Plate 	4H, 6H, 8H, 10H, 20H	2.2mm	7.5mm	7mm	140mm
Y-Plate 	5H, 7H	1.4mm	Shaft: 7.5mm, Head: 21.5mm	7mm	71mm
Y-Tine Plate 	5H, 7H	1.4mm	Shaft: 7.5mm, Head: 14.3mm	7mm	68mm
Triangle Plate 	6H, 8H	1.4mm	Shaft: 7.5mm, Head: 19.8mm	7mm	68mm

Screw options










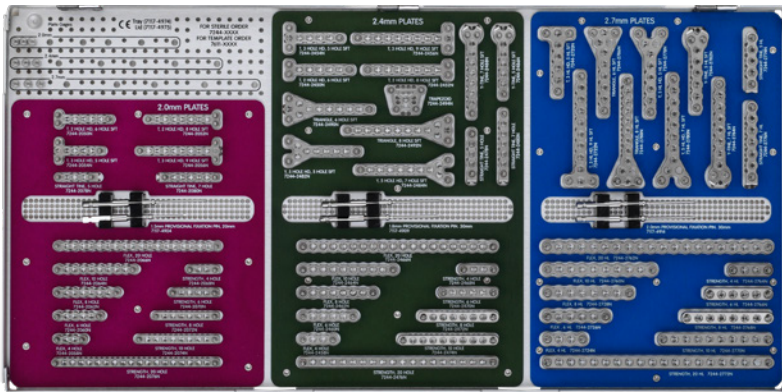
2.0mm								
Description		Thread diameter	Head diameter	Core diameter	Thread pitch	Driver	Screw lengths	Thread length
Cortex Screw		2.0mm	3.0mm	1.3mm	0.6mm	T6	6 – 24mm (1mm increments) 26 – 40mm (2mm increments)	–
Locking Screw		2.0mm	3.3mm	1.3mm	0.6mm	T6	6 – 24mm (1mm increments) 26 – 40mm (2mm increments)	–
2.4mm								
Description		Thread diameter	Head diameter	Core diameter	Thread pitch	Driver	Screw lengths	Thread length
Cortex Screw		2.4mm	3.8mm	1.6mm	1.0mm	T7	6 – 24mm (1mm increments) 26 – 50mm (2mm increments) 55 – 80mm (5mm increments)	–
Locking Screw		2.4mm	3.8mm	1.6mm	1.0mm	T7	6 – 24mm (1mm increments) 26 – 50mm (2mm increments) 55 – 80mm (5mm increments)	–
3.0mm								
Description		Thread diameter	Head diameter	Core diameter	Thread pitch	Driver	Screw lengths	Thread length
Osteopenia Screw		3.0mm	3.8mm	1.6mm	1.5mm	T7	10 – 50mm (2mm increments) 55 – 80mm (5mm increments)	–
2.7mm								
Description		Thread diameter	Head diameter	Core diameter	Thread pitch	Driver	Screw lengths	Thread length
Cortex Screw		2.7mm	4.5mm	2.0mm	1.0mm	T8	6 – 24mm (1mm increments) 26 – 50mm (2mm increments) 55 – 80mm (5mm increments)	–
Locking Screw		2.7mm	4.3mm	2.0mm	1.0mm	T8	6 – 24mm (1mm increments) 26 – 50mm (2mm increments) 55 – 80mm (5mm increments)	–
4.0mm								
Description		Thread diameter	Head diameter	Core diameter	Thread pitch	Driver	Screw lengths	Thread length
Fully Threaded Osteopenia Screw		4.0mm	4.5mm	2.0mm	1.75mm	T8	10 – 50mm (2mm Increments) 55 – 80mm (5mm Increments)	–
Partially Threaded Osteopenia Screw		4.0mm	4.5mm	2.0mm	1.75mm	T8	26 – 50mm (2mm Increments) 55 – 80mm (5mm Increments)	40% of screw length

Plate selection

Select the appropriate plate size, geometry and length. The implant modules have been color-coded by size.



2.0mm

2.4mm

2.7mm

Note: When an EVOS[®] MINI plate is used on a long bone for non-load bearing stabilization and reduction, it is recommended that the plate be used only in conjunction with separate, definitive fixation.

Note: When an EVOS MINI plate is used for non-load bearing stabilization and reduction of bone fragments in long bones, it is the surgeon's discretion to leave the plate in-situ or remove it once its service as an aid to healing is accomplished.

Plate modification

Occasionally, minor plate contouring will be required. This may be accomplished using the Plate Bending Pliers and Bending Irons. Additionally, mini-fragment plates can be cut to length using the Plate Cutting Forceps.

Note: The Plate Cutting Forceps should not be used to cut the 2.4mm and 2.7mm Strength Plates.

Note: Avoid excessive bending through locking holes. To protect the locking holes while contouring, utilize the Plate Bending Pliers or the long slot located on the end of the pliers. If the plate is contoured through the locking holes, a non-locking screw is recommended.

If the plate is bent through the locking hole, utilize the Double Ended Drill Guide for drilling as the Variable Angle Drill Guide may not engage the tabs in the locking hole.

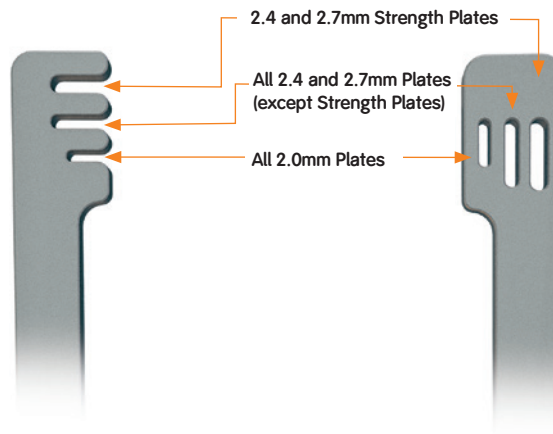
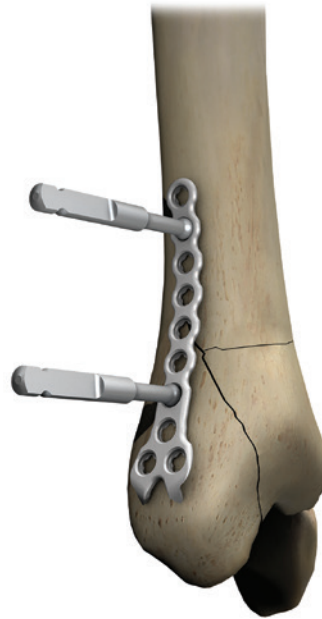


Plate positioning and provisional fixation

Optional

Position the plate to the desired location and provisionally fix the plate to the bone using the provisional fixation pins. Use caution not to insert the provisional fixation pins past the far cortex. There are three diameters of provisional fixation pins. Each pin diameter is specific to plate sizes.

Plate size	PF Pins size
2.0mm	1.5mm x 20mm
2.4mm	1.8mm x 30mm
2.7mm	2.0mm x 30mm



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 in the system.

Size Specific Instrumentation

2.0mm Screws				
Description	Plate size	Variable Angle/Fixed Angle Drill Guide	Double Ended Drill Guide	Drill Bit
Cortex Screw	2.0mm	1.5mm	1.5mm x 2.0mm	1.5mm
Locking Screw	2.0mm	1.5mm	NA	1.5mm
2.4mm Screws				
Description	Plate size	Variable Angle/Fixed Angle Drill Guide	Double Ended Drill Guide	Drill Bit
Cortex Screw	2.4mm	1.8mm	1.8mm x 2.4mm	1.8mm
Locking Screw	2.4mm	1.8mm	NA	1.8mm
3.0mm Screws				
Description	Plate size	Variable Angle/Fixed Angle Drill Guide	Double Ended Drill Guide	Drill Bit
Osteopenia Screws	2.4mm	1.8mm	NA	1.8mm
2.7mm Screws				
Description	Plate size	Variable Angle/Fixed Angle Drill Guide	Double Ended Drill Guide	Drill Bit
Cortex Screw	2.7mm	2.0mm	2.0mm x 2.7mm	2.0mm
Locking Screw	2.7mm	2.0mm	NA	2.0mm
4.0mm Screws				
Description	Plate size	Variable Angle/Fixed Angle Drill Guide	Double Ended Drill Guide	Drill Bit
Osteopenia Screws	2.7mm	2.0mm	NA	2.0mm

Size Specific Instrumentation

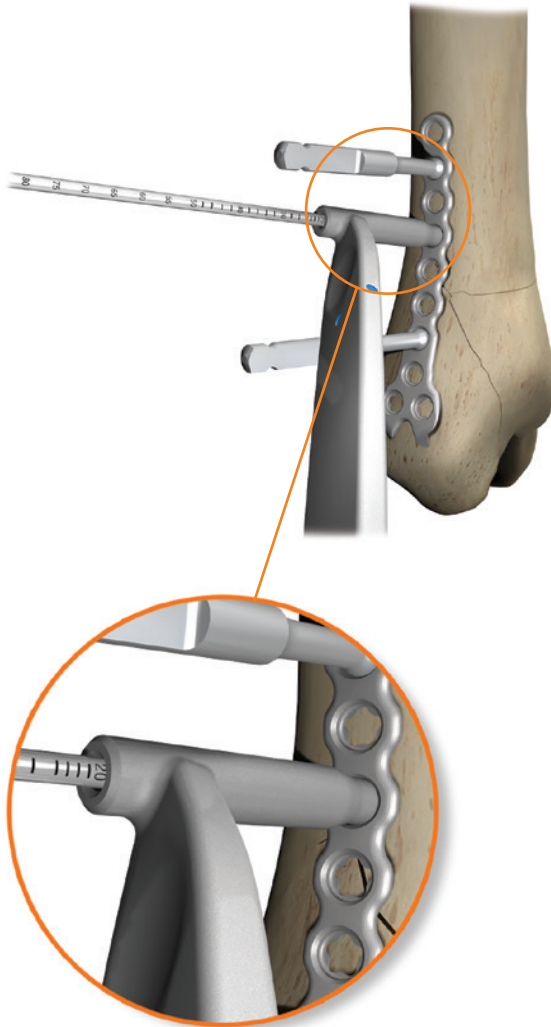
2.0mm Screws					
Description	Over Drill Bit	Countersink	Depth Gauge	Tap	Self Retaining Screwdriver
Cortex Screw	2.0mm	2.0mm	2.0mm	2.0mm	T6
Locking Screw	NA	2.0mm	2.0mm	2.0mm	T6
2.4mm Screws					
Description	Over Drill Bit	Countersink	Depth Gauge	Tap	Self Retaining Screwdriver
Cortex Screw	2.4mm	2.4mm	2.4mm / 2.7mm	2.4mm	T7
Locking Screw	NA	2.4mm	2.4mm / 2.7mm	2.4mm	T7
3.0mm Screws					
Description	Over Drill Bit	Countersink	Depth Gauge	Tap	Self Retaining Screwdriver
Osteopenia Screws	NA	2.4mm	2.4mm / 2.7mm	3.0mm	T7
2.7mm Screws					
Description	Over Drill Bit	Countersink	Depth Gauge	Tap	Self Retaining Screwdriver
Cortex Screw	2.7mm	2.7mm	2.4mm / 2.7mm	2.7mm	T8
Locking Screw	NA	2.7mm	2.4mm / 2.7mm	2.7mm	T8
4.0mm Screws					
Description	Over Drill Bit	Countersink	Depth Gauge	Tap	Self Retaining Screwdriver
Osteopenia Screws	NA	2.7mm	2.4mm / 2.7mm	4.0mm	T8

Cortex Screws

Cortex Screws in the EVOS® MINI Plating System can be used both independently and through the plate.

Drilling

- **Option 1: Through a plate:** Each Size Specific Instrument Set is equipped with a corresponding Variable Angle/Fixed Angle Drill Guide. Use the conical shaped side for off-axis screw placement through the plate and the tubular shaped side for placing a screw perpendicular to the plate axis. Engage the appropriate side of the Drill Guide with the star-shaped hole on the plate and drill to the desired depth.
- **Option 2: Independent of a plate:** To aid in drilling independent of the plate, each Size Specific Instrument set is equipped with a corresponding Double Ended Drill Guide that is color coded. Position the end of the Drill Guide with one dot to the bone and drill to the desired depth using the drill with one color band.
- **Option 3: Lag screw technique:** Using the Double Ended Drill Guide, position the end of the guide with two dots to bone and drill through the near cortex using the Overdrill. The Overdrill can be identified as the drill with two color bands. Next, insert the end of the guide with one dot into the pre-drilled hole to ensure the correct trajectory and drill to the desired depth using the drill with one color band. This may be performed through a plate if desired. The Depth Gauge should be used for accurate screw length measurement when performing the lag screw technique.



Countersinking (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 size specific Countersink to the Small Bulb Handle with AO Quick Connect and prepare the bone surface by inserting the tip into the predrilled hole and turning the Countersink clockwise.

Measure

Measure for screw length using the appropriate Depth Gauge.

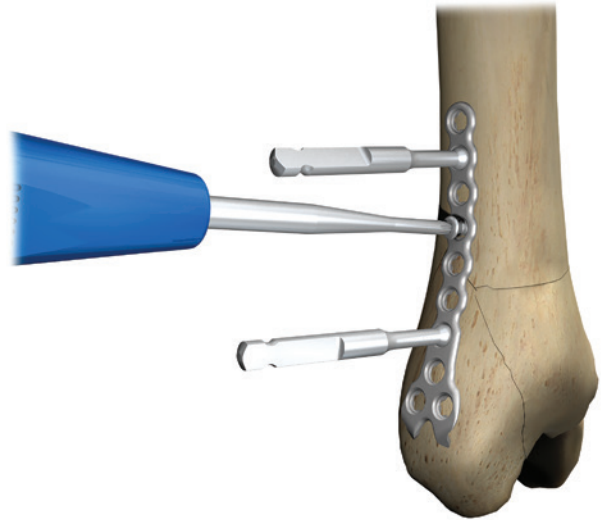
Note: All drill bits are calibrated to measure depth off the back of Drill Guides. However, a Depth Gauge must be used after drilling through all conical shaped guides.

Tap (optional)

All Cortex Screws in the system are self tapping. However, in areas of increased bone density, tapping the bone may be desired to facilitate insertion. To tap the bone, attach the size specific Tap to the Small Bulb Handle with AO Quick Connect and turn clockwise until the desired depth is attained.

Screw insertion

Insert the screw using the appropriate sized Fixed Handle Driver or Screw Driver Shaft. Cortex Screws may be inserted using power, however, final tightening should be performed by hand.

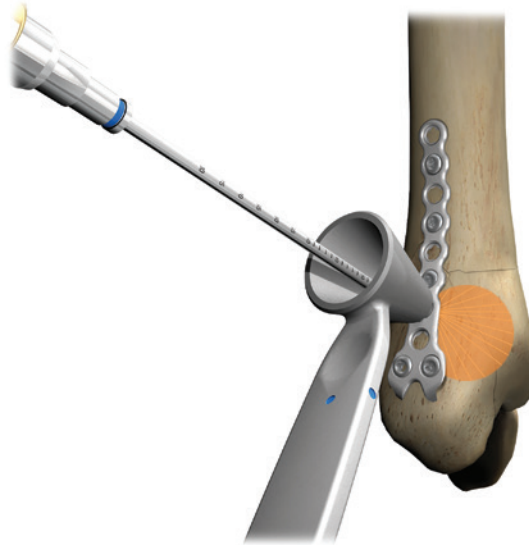


Locking Screws

The EVOS[®] MINI Plating System features Locking Screws to provide additional stability. The unique locking mechanism enables a low profile construct and the ability to place screws up to 15° off-axis.

Drilling through a plate

Each Size Specific Instrument Set is equipped with a corresponding Variable Angle/Fixed Angle Drill Guide. The conical shaped side is for off-axis screw placement through the plate, while the tubular shaped side is used for placing a screw perpendicular to the plate axis. Engage the appropriate side of the drill guide with the star-shaped hole on the plate and drill to the desired depth.



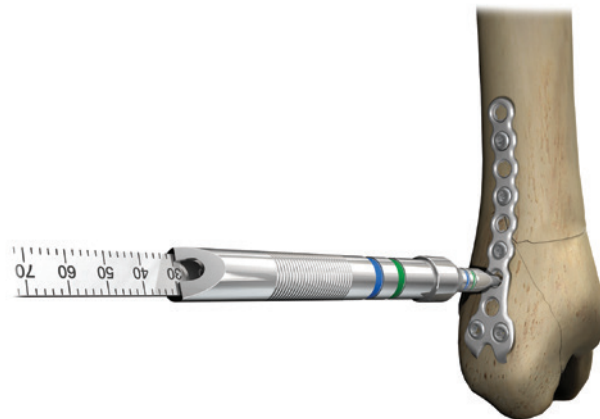
Measure

Measure for screw length using the appropriate Depth Gauge.

Note: All drill bits are calibrated to measure depth off the back of drill guides. However, a Depth Gauge must be used after drilling through all conical shaped guides.

Tap (optional)

In areas of increased bone density, tapping the bone may be desired to facilitate insertion. To tap the bone, attach the size specific Tap to the Small Bulb Handle with the AO Quick Connect and turn clockwise until the desired depth is attained.

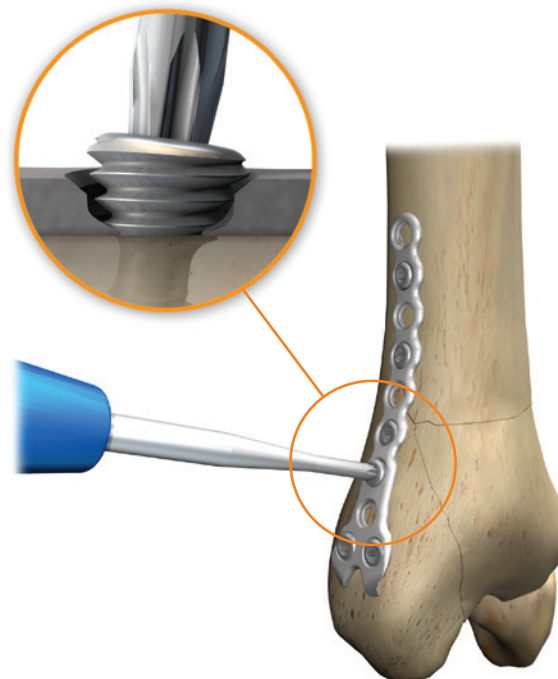


Screw insertion

Insert the screw using either the size specific Fixed Handle Driver or Screw Driver Shaft. Locking Screws may be inserted using power, however, final tightening should be performed by hand. Care should be taken not to overtighten the screw and disrupt the screw head and plate interface.

Note: A Locking Screw can be inserted into the plate up to three times before the locking tabs are compromised.

Note: Failure to use drill guide could result in failure of the Locking Screw engaging the plate.



Osteopenia Screws

Osteopenia Screws are designed with an optimized thread form for use in areas of poor bone quality.

Drilling

- **Option 1: Through a plate:** Each Size Specific Instrument Set is equipped with a corresponding Variable Angle/Fixed Angle drill guide. Use the conical shaped side for off-axis screw placement through the plate and the tubular shaped side for placing a screw perpendicular to the plate axis. Engage the appropriate side of the drill guide with the star-shaped hole on the plate and drill to the desired depth.
- **Option 2: Independent of a plate:** To aid in drilling independent of the plate, each Size Specific Instrument Set is equipped with a corresponding Double Ended Drill Guide that is color coded. Position the end of the Drill Guide with one dot to the bone and drill to the desired depth using the drill with one color band.

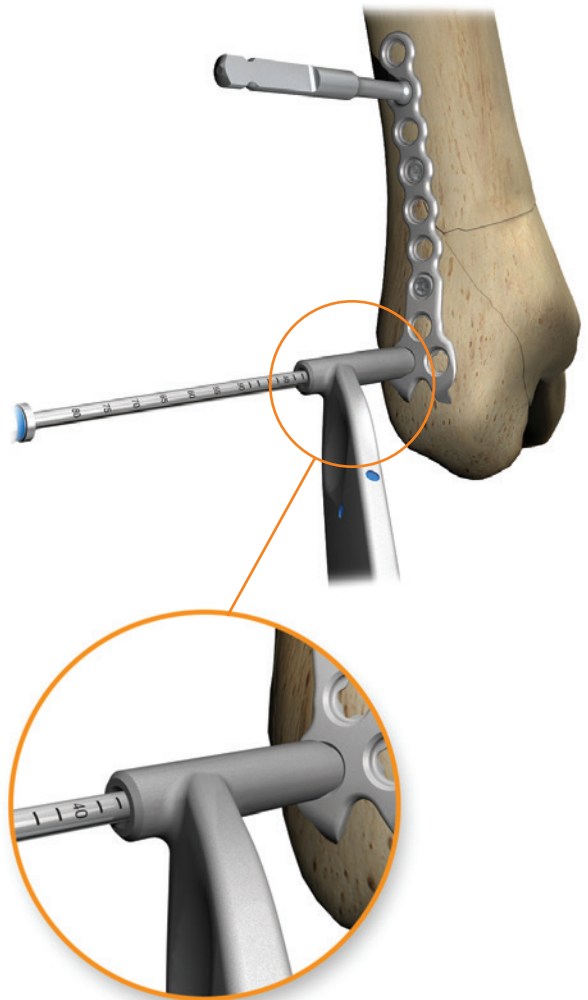
Countersinking (optional)

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 size specific Countersink to the Small Bulb Handle with AO Quick Connect and prepare the bone surface by inserting the tip into the predrilled hole and turning the Countersink clockwise.

Measure

Measure screw length using the appropriate Depth Gauge.

Note: All drill bits are calibrated to measure depth off the back of drill guides. However, a Depth Gauge must be used after drilling through all conical shaped guides.

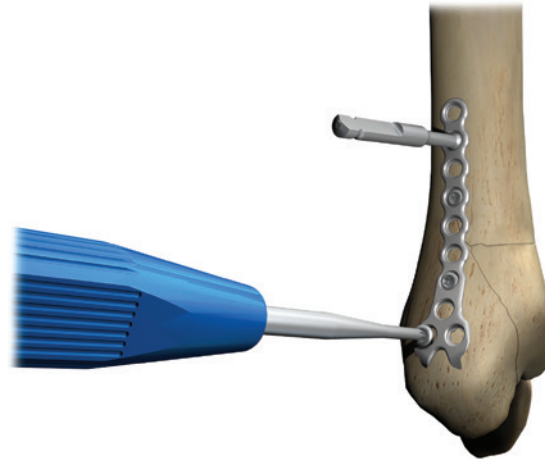


Tap (optional)

In areas of increased bone density, tapping is recommended to facilitate insertion. To tap the bone, attach the size specific Tap to the Small Bulb Handle with the AO Quick Connect and turn clockwise until the desired depth is attained.

Screw insertion

Insert the screw using the size specific Fixed Handle Driver or Screw Driver Shaft. Osteopenia Screws may be inserted using power, however, final tightening should be performed by hand.



Closure

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

Catalog



EVOS[®] MINI General Instrument Set

Set No 71410200

Cat No	Description	Qty
71174973	General Instrument Tray	1
7117-4974	Plate Tray	1
7117-4975	Plate Tray Lid	1

Cat No	Description	Qty
71174976	Instrument and Implant Set Case	1
71174977	Instrument and Implant Set Case Lid	1

Cat No	Description	Qty
71170043	Sharp Hook	1
71170047	Plate Cutting Forceps	1
71170055	Hohmann Retractor, 6mm	2
71170095	Hohmann Retractor, 15mm	2
71170097	Periosteal Elevator	1
71173369	Hohmann Retractor, Bent	2
71173377	Reduction Forceps with Points, Broad	2
71173378	Reduction Forceps, Serrated Jaw	2

Cat No	Description	Qty
71173528	Cannulated AO to Trinkle Adapter	1
71173543	Tear Drop Screwdriver Handle	1
71174928	2.4/2.7mm Depth Gauge, Long	1
71174941	Bending Irons	2
71174960	Plate Bending Pliers	1
71170045	Screw Forceps	1
71170015	Quick Coupling Handle	1

Size Specific Instruments

Set No 7141020

2.0mm

Cat No	Description	Qty
71174978	2.0mm Screw and Instrument Caddy	1
71174979	2.0mm Screw and Instrument Caddy Lid	1
71174920	T6 Fixed Handle Driver	1
71174921	T6 Driver Shaft w/AO QC	2
71174922	2.0mm Depth Gauge	1
71174923	2.0mm Countersink w/AO QC	1
71174924	1.5/2.0mm Drill Guide	1
71174925	1.5mm Variable Angle Drill Guide	1

2.4mm

Cat No	Description	Qty
71174980	2.4mm Screw and Instrument Caddy	1
71174981	2.4mm Screw and Instrument Caddy Lid	1
71174926	T7 Fixed Handle Driver	1
71174927	T7 Driver Shaft w/AO QC	2
71174959	2.4/2.7mm Depth Gauge, Short	1
71174969	2.4mm Countersink w/AO QC	1
71174930	1.8/2.4mm Drill Guide	1
71174931	1.8mm Variable Angle Drill Guide	1

2.7mm

Cat No	Description	Qty
71174982	2.7mm Screw and Instrument Caddy	1
71174983	2.7mm Screw and Instrument Caddy Lid	1
71174932	T8 Fixed Handle Driver	1
71174933	T8 Driver Shaft w/AO QC	2
71174959	2.4/2.7mm Depth Gauge, Short	1
71174929	2.7mm Countersink w/AO QC	1
71174934	2.0/2.7mm Drill Guide	1
71174935	2.0mm Variable Angle Drill Guide	1

Disposables

Set No 71410202

Cat No	Description	Qty
71101413	1.1mm Drill Tip K-wire, 150mm	6
71101501	2.0mm Drill Tip K-wire, 150mm	6
71101502	1.6mm Drill Tip K-wire, 150mm	6
71101503	1.25mm Drill Tip K-wire, 150mm	6
71174901	1.5mm Drill w/AO QC	2
71174902	2.0mm Over Drill w/AO QC	1
71174904	1.5mm Provisional Fixation Pin	2
71174905	1.8mm Short Drill w/AO QC	2
71174906	1.8mm Long Drill w/AO QC	2
71174907	2.4mm Over Drill w/AO QC	1
71174909	1.8mm Provisional Fixation Pin	2
71174910	2.0mm Short Drill w/AO QC	2
71174911	2.0mm Long Drill w/AO QC	2
71174912	2.7mm Over Drill w/AO QC	1
71174914	2.0mm Provisional Fixation Pin	2
71174915	2.0mm Tap w/AO QC	1
71174916	2.4mm Tap w/AO QC	1
71173366	2.7mm Tap w/AO QC	1
71173386	4.0mm Tap w/AO QC	1
71174918	3.0mm Tap w/AO QC	1

Optional Disposables

Cat No	Description	Qty
71161012	1.25mm Trocar Tip K-wire, 150mm	0
71161016	1.6mm Trocar Tip K-wire, 150mm	0
71161020	2.0mm Trocar Tip K-wire, 150mm	0

Plate Sets

Set No 71410201N

2.0mm T-Plate

Cat No	Description	Length	Qty
72442050N	2 Hole Head, 6H	36mm	1
72442052N	2 Hole Head, 8H	46mm	1
72442054N	3 Hole Head, 5H	31mm	1
72442056N	3 Hole Head, 9H	51mm	1

2.0mm Flex Plate

Cat No	Description	Length	Qty
72442058N	4H	21mm	1
72442060N	6H	31mm	1
72442062N	8H	41mm	1
72442064N	10H	51mm	1
72442066N	20H	101mm	1

2.4mm T-Plate

Cat No	Description	Length	Qty
72442450N	2 Hole Head, 6H	43mm	1
72442452N	2 Hole Head, 8H	55mm	1
72442454N	3 Hole Head, 5H	37mm	1
72442456N	3 Hole Head, 9H	61mm	1

2.4mm Flex Plate

Cat No	Description	Length	Qty
72442458N	4H	25mm	1
72442460N	6H	37mm	1
72442462N	8H	49mm	1
72442464N	10H	61mm	1
72442466N	20H	121mm	1

2.4mm Strength Plate

Cat No	Description	Length	Qty
72442468N	4H	25mm	1
72442470N	6H	37mm	1
72442472N	8H	49mm	1
72442474N	10H	61mm	1
72442476N	20H	121mm	1

2.4mm Straight Tine Plate

Cat No	Description	Length	Qty
72442478N	5H	34mm	1
72442480N	7H	46mm	1

2.0mm Strength Plate

Cat No	Description	Length	Qty
72442068N	4H	21mm	1
72442070N	6H	31mm	1
72442072N	8H	41mm	1
72442074N	10H	51mm	1
72442076N	20H	101mm	1

2.0mm Straight Tine Plate

Cat No	Description	Length	Qty
72442078N	5H	28mm	1
72442080N	7H	38mm	1

2.4mm Y-Plate

Cat No	Description	Length	Qty
72442482N	5H	47mm	1
72442484N	7H	59mm	1

2.4mm Y-Tine Plate

Cat No	Description	Length	Qty
72442486N	5H	45mm	1
72442488N	7H	57mm	1

2.4mm Triangle Plate

Cat No	Description	Length	Qty
72442490N	6H	55mm	1
72442492N	8H	67mm	1

2.4mm Trapezoid Plate

Cat No	Description	Length	Qty
72442494N	Trapezoid Plate	24mm x 18mm	1

Note: To order the sterile version of the part, remove the "N" from the Catalog number.
To order the template version of the plate order "7611-XXXX". Templates are not for implantation.

2.7mm T-Plate

Cat No	Description	Length	Qty
72442720N	3 Hole Head, 5H	42mm	1
72442722N	3 Hole Head, 9H	71mm	1



2.7mm Straight Tine Plate

Cat No	Description	Length	Qty
72442774N	5H	38mm	1
72442776N	7H	52mm	1



2.7mm Flex Plate

Cat No	Description	Length	Qty
72442724N	4H	28mm	1
72442726N	6H	42mm	1
72442728N	8H	56mm	1
72442760N	10H	70mm	1
72442762N	20H	140mm	1



2.7mm Y-Plate

Cat No	Description	Length	Qty
72442778N	5H	55mm	1
72442780N	7H	69mm	1



2.7mm Y-Tine Plate

Cat No	Description	Length	Qty
72442782N	5H	52mm	1
72442784N	7H	66mm	1



2.7mm Strength Plate

Cat No	Description	Length	Qty
72442764N	4H	28mm	1
72442766N	6H	42mm	1
72442768N	8H	56mm	1
72442770N	10H	70mm	1
72442772N	20H	140mm	1



2.7mm Triangle Plate

Cat No	Description	Length	Qty
72442786N	6H	54mm	1
72442788N	8H	68mm	1



Note: To order the sterile version of the part, remove the "N" from the Catalog number.
To order the template version of the plate order "7611-XXXX". Templates are not for implantation.

Screw Sets

Set No 71410204N

2.0mm Cortex Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72402006N	6mm	4	72402015N	15mm	4	72402024N	24mm	3
72402007N	7mm	4	72402016N	16mm	4	72402026N	26mm	3
72402008N	8mm	4	72402017N	17mm	4	72402028N	28mm	3
72402009N	9mm	4	72402018N	18mm	4	72402030N	30mm	3
72402010N	10mm	4	72402019N	19mm	4	72402032N	32mm	3
72402011N	11mm	4	72402020N	20mm	4	72402034N	34mm	3
72402012N	12mm	4	72402021N	21mm	3	72402036N	36mm	3
72402013N	13mm	4	72402022N	22mm	3	72402038N	38mm	3
72402014N	14mm	4	72402023N	23mm	3	72402040N	40mm	3

2.0mm Locking Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72412006N	6mm	4	72412015N	15mm	4	72412024N	24mm	3
72412007N	7mm	4	72412016N	16mm	4	72412026N	26mm	3
72412008N	8mm	4	72412017N	17mm	4	72412028N	28mm	3
72412009N	9mm	4	72412018N	18mm	4	72412030N	30mm	3
72412010N	10mm	4	72412019N	19mm	4	72412032N	32mm	3
72412011N	11mm	4	72412020N	20mm	4	72412034N	34mm	3
72412012N	12mm	4	72412021N	21mm	3	72412036N	36mm	3
72412013N	13mm	4	72412022N	22mm	3	72412038N	38mm	3
72412014N	14mm	4	72412023N	23mm	3	72412040N	40mm	3

Note: To order the sterile version of the part, remove the "N" from the Catalog number.

2.4mm Cortex Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72402406N	6mm	4	7240-2419N	19mm	4	72402440N	40mm	3
72402407N	7mm	4	72402420N	20mm	4	72402442N	42mm	3
72402408N	8mm	4	72402421N	21mm	3	72402444N	44mm	3
72402409N	9mm	4	72402422N	22mm	3	72402446N	46mm	3
72402410N	10mm	4	72402423N	23mm	3	72402448N	48mm	3
72402411N	11mm	4	72402424N	24mm	3	72402450N	50mm	3
72402412N	12mm	4	72402426N	26mm	3	72402455N	55mm	3
72402413N	13mm	4	72402428N	28mm	3	72402460N	60mm	3
72402414N	14mm	4	72402430N	30mm	3	72402465N	65mm	3
72402415N	15mm	4	72402432N	32mm	3	72402470N	70mm	3
72402416N	16mm	4	72402434N	34mm	3	72402475N	75mm	3
72402417N	17mm	4	72402436N	36mm	3	72402480N	80mm	3
72402418N	18mm	4	72402438N	38mm	3			

2.4mm Locking Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72412406N	6mm	4	72412419N	19mm	4	72412440N	40mm	3
72412407N	7mm	4	72412420N	20mm	4	72412442N	42mm	3
72412408N	8mm	4	72412421N	21mm	3	72412444N	44mm	3
72412409N	9mm	4	72412422N	22mm	3	72412446N	46mm	3
7241-2410N	10mm	4	72412423N	23mm	3	72412448N	48mm	3
72412411N	11mm	4	72412424N	24mm	3	72412450N	50mm	3
72412412N	12mm	4	72412426N	26mm	3	72412455N	55mm	3
72412413N	13mm	4	72412428N	28mm	3	72412460N	60mm	3
72412414N	14mm	4	72412430N	30mm	3	72412465N	65mm	3
72412415N	15mm	4	72412432N	32mm	3	72412470N	70mm	3
72412416N	16mm	4	72412434N	34mm	3	72412475N	75mm	3
72412417N	17mm	4	72412436N	36mm	3	72412480N	80mm	3
72412418N	18mm	4	72412438N	38mm	3			

Note: To order the sterile version of the part, remove the "N" from the Catalog number.

2.7mm Cortex Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72402706N	6mm	4	72402719N	19mm	4	72402740N	40mm	3
72402707N	7mm	4	72402720N	20mm	4	72402742N	42mm	3
72402708N	8mm	4	72402721N	21mm	3	72402744N	44mm	3
72402709N	9mm	4	72402722N	22mm	3	72402746N	46mm	3
72402710N	10mm	4	72402723N	23mm	3	72402748N	48mm	3
72402711N	11mm	4	72402724N	24mm	3	72402750N	50mm	3
72402712N	12mm	4	72402726N	26mm	3	72402755N	55mm	3
72402713N	13mm	4	72402728N	28mm	3	72402760N	60mm	3
72402714N	14mm	4	72402730N	30mm	3	72402765N	65mm	3
72402715N	15mm	4	72402732N	32mm	3	72402770N	70mm	3
72402716N	16mm	4	72402734N	34mm	3	72402775N	75mm	3
72402717N	17mm	4	72402736N	36mm	3	72402780N	80mm	3
72402718N	18mm	4	72402738N	38mm	3			

2.7mm Locking Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72412706N	6mm	4	72412719	19mm	4	72412740N	40mm	3
72412707N	7mm	4	72412720N	20mm	4	72412742N	42mm	3
72412708N	8mm	4	72412721N	21mm	3	72412744N	44mm	3
72412709N	9mm	4	72412722N	22mm	3	72412746N	46mm	3
72412710N	10mm	4	72412723N	23mm	3	72412748N	48mm	3
72412711N	11mm	4	72412724N	24mm	3	72412750N	50mm	3
72412712N	12mm	4	72412726N	26mm	3	72412755N	55mm	3
72412713N	13mm	4	72412728N	28mm	3	72412760N	60mm	3
72412714N	14mm	4	72412730N	30mm	3	72412765N	65mm	3
72412715N	15mm	4	72412732N	32mm	3	72412770N	70mm	3
72412716N	16mm	4	72412734N	34mm	3	72412775N	75mm	3
72412717N	17mm	4	72412736N	36mm	3	72412780N	80mm	3
72412718N	18mm	4	72412738N	38mm	3			

Washers

Cat No	Description	Diameter	Qty	Cat No	Description	Width	Qty
72442120N	Washer for 2.0mm Screws	5mm	4	72442220N	Double Washer for 2.0mm Screws	10mm	4
72442124N	Washer for 2.4mm Screws	6mm	4	72442224N	Double Washer for 2.4mm Screws	11mm	4
72442127N	Washer for 2.7mm Screws	7mm	4	72442227N	Double Washer for 2.7mm Screws	13mm	4

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Osteopenia Screw Set

Set No 71410206N

Cat No	Description	Qty
71174971	3.0mm Osteopenia Screw Caddy	1
71174972	4.0mm Osteopenia Screw Caddy	1

3.0mm Osteopenia Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72423010N	10mm	2	72423028N	28mm	2	72423046N	46mm	2
72423012N	12mm	2	72423030N	30mm	2	72423048N	48mm	2
72423014N	14mm	2	72423032N	32mm	2	72423050N	50mm	2
72423016N	16mm	2	72423034N	34mm	2	72423055N	55mm	2
72423018N	18mm	2	72423036N	36mm	2	72423060N	60mm	2
72423020N	20mm	2	72423038N	38mm	2	72423065N	65mm	2
72423022N	22mm	2	72423040N	40mm	2	72423070N	70mm	2
72423024N	24mm	2	72423042N	42mm	2	72423075N	75mm	2
72423026N	26mm	2	72423044N	44mm	2	72423080N	80mm	2

4.0mm Osteopenia Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72424010N	10mm	2	72424028N	28mm	2	72424046N	46mm	2
72424012N	12mm	2	72424030N	30mm	2	72424048N	48mm	2
72424014N	14mm	2	72424032N	32mm	2	72424050N	50mm	2
72424016N	16mm	2	72424034N	34mm	2	72424055N	55mm	2
72424018N	18mm	2	72424036N	36mm	2	72424060N	60mm	2
72424020N	20mm	2	72424038N	38mm	2	72424065N	65mm	2
72424022N	22mm	2	72424040N	40mm	2	72424070N	70mm	2
72424024N	24mm	2	72424042N	42mm	2	72424075N	75mm	2
72424026N	26mm	2	72424044N	44mm	2	72424080N	80mm	2

4.0mm Partially Threaded Osteopenia Screw



Cat No	Length	Qty	Cat No	Length	Qty	Cat No	Length	Qty
72434026N	26mm	2	72434040N	40mm	2	72434060N	60mm	2
72434028N	28mm	2	72434042N	42mm	2	72434065N	65mm	2
72434030N	30mm	2	72434044N	44mm	2	72434070N	70mm	2
72434032N	32mm	2	72434046N	46mm	2	72434075N	75mm	2
72434034N	34mm	2	72434048N	48mm	2	72434080N	80mm	2
72434036N	36mm	2	72434050N	50mm	2			
72434038N	38mm	2	72434055N	55mm	2			

Note: To order the sterile version of the part, remove the "N" from the Catalog number.

References:

1. Smith+Nephew 2013. Screw Prominence. Internal Report.

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