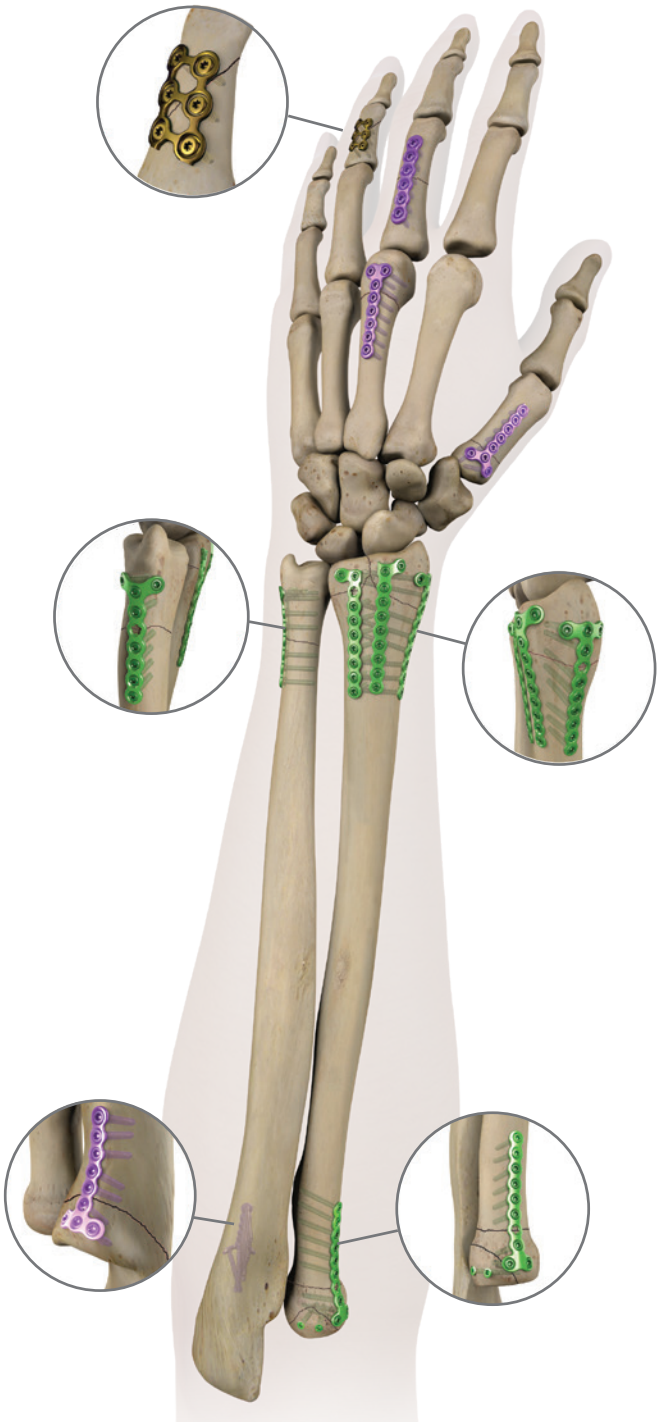
Surgical Technique

smith&nephew

VLP® MINI-MOD®

Small Bone Plating System

1.5mm, 2.0mm and 2.4mm Utility Plate and Screw Module



VLP◇ MINI-MOD◇ Small Bone Plating System

1.5mm, 2.0mm and 2.4mm
Utility Plate and Screw Module
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Nota Bene

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 product, including its Indications for Use, contraindications, cleaning, sterilization and product safety information, please refer to the product's label and the Instructions for Use (IFU) for the product.

System overview

The VLP® MINI-MOD® Small Bone Plating System is a modular mini-fragment system designed to treat small bone fractures and small bone fragments.

Do not stack more than three trays during sterilization.

Features

- Ti 1.5mm, 2.0mm and 2.4mm plates and screws (Ti-6Al-4V)
- VLP variable-angle locking screw technology, which requires no screw-in drill guides
- Modular tray system is designed to be customized to your needs
- 3.0mm osteopenia screws for patients with poor bone quality

2.4mm module plate options

T-plates

- 1.25mm thickness
- 2-hole and 3-hole head options
- 6-hole and 8-hole length options
- Slot allowing 2mm axial positioning

Y-plates

- 1.25mm thickness
- 3-hole head option
- 6-hole and 8-hole length options
- Slot allowing 2mm axial positioning

Straight plates

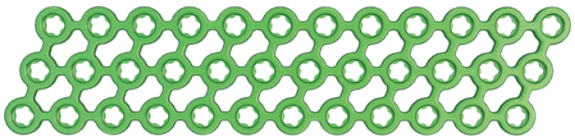
- 1.25mm thickness
- 6-hole, 8-hole and 12-hole length options
- Slot allowing 2mm axial positioning

Stout plates

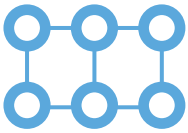
- 1.6mm thickness
- 6-hole, 8-hole and 12-hole length options
- Slot allowing 2mm axial positioning

Mesh plate

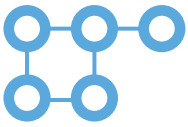
- 1.25mm thickness
- 3-hole x 12-hole screw configuration
- Designed to be cut and bent to address unpredictable fractures



Note: In order to maintain structural integrity, mesh plates must not be cut smaller than 2-holes in any direction:



Correct



Incorrect

2.4mm module screw options

2.4mm locking screws

- 6mm – 24mm, 1mm increments
- 26mm – 50mm, 2mm increments
- 55mm – 80mm, 5mm increments (available upon request)

2.4mm locking screw dimension	
Drive mechanism	T7
Thread outer diameter	2.4mm
Thread pitch	1.0mm
Core diameter	1.7mm
Drill diameter	1.8mm

2.4mm cortex screws

- 6mm – 24mm, 1mm increments
- 26mm – 50mm, 2mm increments
- 55mm – 80mm, 5mm increments (available upon request)

2.4mm cortex screw dimension	
Drive mechanism	T7
Thread outer diameter	2.4mm
Thread pitch	1.0mm
Core diameter	1.7mm
Drill diameter	1.8mm

3.0mm osteopenia screws

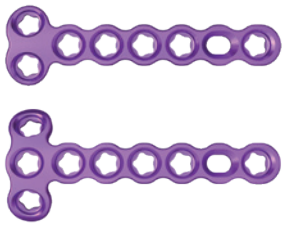
- 10mm – 50mm, 2mm increments
- 55mm – 80mm, 5mm increments (available upon request)

3.0mm osteopenia screw dimension	
Drive mechanism	T7
Thread outer diameter	3.0mm
Thread pitch	1.5mm
Core diameter	1.7mm
Drill diameter	1.8mm

2.0mm module plate options

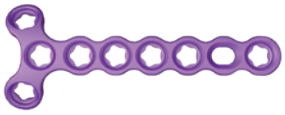
T-plates

- 1.2mm thickness
- 2-hole and 3-hole head options
- 6-hole and 8-hole length options
- Slot allowing 2.0mm axial positioning



Y-plates

- 1.2mm thickness
- 3-hole head option
- 6-hole and 8-hole length options
- Slot allowing 2.0mm axial positioning



Straight plates

- 1.2mm thickness
- 6-hole and 8-hole length options
- Slot allowing 2.0mm axial positioning

Stout plates

- 1.5mm thickness
- 6-hole, 8-hole and 12-hole length options
- Slot allowing 2.0mm axial positioning

2.0mm module screw options

2.0mm locking screws

- 6mm – 24mm, 1mm increments
- 26mm – 40mm, 2mm increments

2.0mm locking screw dimension	
Drive mechanism	T6
Thread outer diameter	2.0mm
Thread pitch	0.6mm
Core diameter	1.4mm
Drill diameter	1.5mm

2.0mm cortex screws

- 6mm – 24mm, 1mm increments
- 26mm – 40mm, 2mm increments

2.0mm cortex screw dimension	
Drive mechanism	T6
Thread outer diameter	2.0mm
Thread pitch	0.6mm
Core diameter	1.4mm
Drill diameter	1.5mm

1.5mm module plate options

T-plates
- 1.0mm thickness
- 2-hole and 3-hole head options
- 6-hole and 8-hole length options

Y-plates
- 1.0mm thickness
- 3-hole head option
- 6-hole and 8-hole length options

Straight plates
- 1.0mm thickness
- 6-hole, 8-hole and 12-hole length options

Column plates
- 1.0mm thickness
- 6-hole and 12-hole length options
- Left- and right-handed options

Right

Left

Right

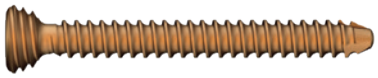
Left

1.5mm module screw options

1.5mm locking screws

- 6mm – 24mm, 1mm increments

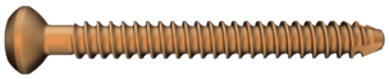
1.5mm locking screw dimension	
Drive mechanism	T4
Thread outer diameter	1.5mm
Thread pitch	0.5mm
Core diameter	1.1mm
Drill diameter	1.1mm



1.5mm cortex screws

- 6mm – 24mm, 1mm increments

1.5mm cortex screw dimension	
Drive mechanism	T4
Thread outer diameter	1.5mm
Thread pitch	0.5mm
Core diameter	1.1mm
Drill diameter	1.1mm

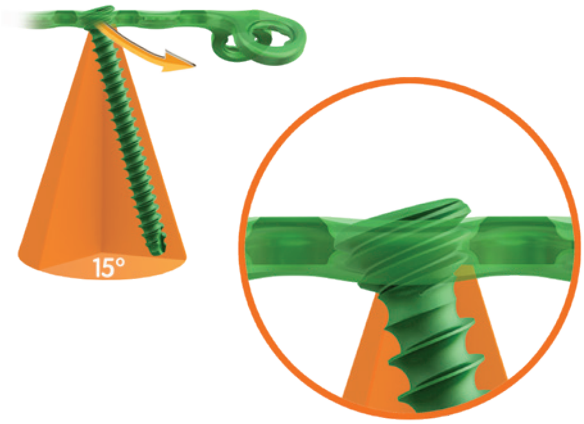


Design features and benefits

Polyaxial locking plate

Each VLP® MINI-MOD® screw hole contains five separate tabs that engage with the threads of the locking screw head to form a fixed angle construct. Locking screws can be angled and locked up to 15° in any direction allowing for the creation of customized multidirectional locked plating constructs.

Locking screws should only be locked into the plate a maximum of two times to ensure locking strength integrity.

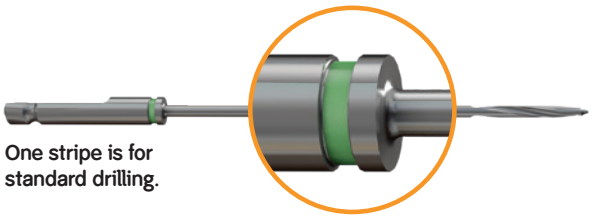


Low profile implants

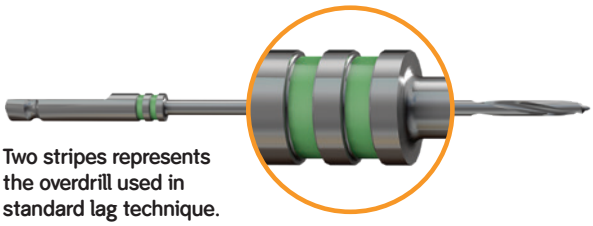
The profile of the VLP MINI-MOD locking plates is designed to ensure low profile fixation in areas of minimal soft tissue coverage. All screws in the VLP MINI-MOD system have a low head profile intended to minimise the potential for soft tissue irritation in these sensitive areas.

Color coding

The VLP MINI-MOD system uses color-coding to identify the screws, plates, instruments and trays that can be used together.



One stripe is for standard drilling.



Two stripes represents the overdrill used in standard lag technique.

All 2.4mm plates are colored green. The 2.4mm and 3.0mm screws that can be used with these plates are also colored green. Most of the size specific instruments that are used with these implants have a green colored stripe. The implants and instruments trays are also colored green.

All 2.0mm plates are colored purple. The 2.0mm screws that can be used with these plates are also colored purple. Most of the size specific instruments that are used with these implants have a purple colored stripe. The implants and instruments trays are also colored purple.

All 1.5mm plates are colored brown. The 1.5mm screws that can be used with these plates are also colored brown. Most of the size specific instruments that are used with these implants have a brown colored stripe. The implants and instruments trays are also colored brown.

Modular tray design

The VLP® MINI-MOD® tray configuration is designed to be customized to the different needs of surgeons. There are four different trays in the system: General Module, 1.5 Module, 2.0 Module and 2.4 Module. The bracketing design allow the trays to be used individually or stacked and locked to be used together.

The 1.5mm, 2.0mm and 2.4mm Modules each include the plates, screws and size specific instruments needed to use each module alone. The General Instrument Set includes retractors, elevators, reduction, contouring and cutting instrumentation that can be used across the system.

Do not stack more than three trays during sterilization.

Surgical technique

Exposure

The VLP® MINI-MOD® system includes the following instruments to assist with exposure.

71101530	Freer Elevator
71170055	Hohmann Retractor, 6mm
71173369	Hohmann Retractor, Bent

Reduction

The VLP MINI-MOD system includes the following instruments to assist with reduction.

71161008	0.8mm Trocar Tip K-Wire
71161010	1.0mm Trocar Tip K-Wire
71161012	1.25mm Trocar Tip K-Wire
71161016	1.6 Trocar Tip K-Wire
71170043	Sharp Hook
71173377	Reduction Forceps, Broad
71173378	Lobster Claw Forceps
71177194	Termite Foreceps

Plate selection

Plate templates can be used to select the appropriate plate size, geometry and length.

Template of the 2.4mm 3 Hole Head T-Plate

Plate modification

Occasionally, minor plate contouring will be required. This may be accomplished using the Plate Bending Pliers and the Bending Rods. Additionally, the VLP® MINI-MOD® Plates can be cut to length using the Plate Cutting Forceps or Wire Cutters.

Ensure no sharp edges are prominent after plate modification.

71170061	Plate Bending Pliers
71174960	Plate Pliers
74462024	2.0mm/2.4mm Bending Rod
74461516	1.5mm Bending Rod
71170047	Plate Cutting Forceps
71170065	Wire Cutters

Note: Care should be taken while bending the plates as excessive deformation could result in fracture, breakage or loss of mechanical integrity.

Note: Care should be taken while cutting the plates to ensure no sharp points are left on the plate prior to insertion.

Plate positioning and provisional fixation

Insert the appropriate sized plate holder (2.4mm Plate Holder 71174043, 2.0mm Plate Holder 74462022, or 1.5mm Plate Holder 74461512) into a locking hole in the plate.The 2.4mm Plate Holder accepts a 1.6mm K-wire (71161016), the 2.0mm Plate Holder accepts a 1.0mm K-wire (71161010) and the 1.5mm Plate Holder accepts a 0.8mm K-wire (71161008). Position the plate to the desired location and provisionally fix the plate to the bone using the provisional fixation wires.

There are two diameters of provisional fixation wires. Each wire diameter is specific to plate sizes. There are two length options available for the 1.8mm and 1.5mm PF (Provisional Fixation) Wires (6mm and 14mm). The 1.1mm PF Wire is available in one length: 6mm.

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 screw available in the system.

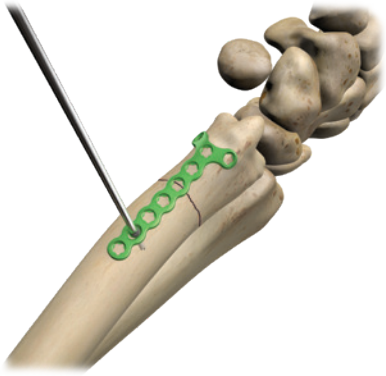
Plate size	PF Wire diameter	End length	Cat No
2.4mm	1.8mm	Short (6mm)	74462406
2.4mm	1.8mm	Long (14mm)	74462408
2.0mm	1.5mm	Short (6mm)	74462026
2.0mm	1.5mm	Long (14mm)	74462028
1.5mm	1.1mm	Short (6mm)	74461514

2.4mm System

2.4mm Locking Screws

Drill Guide Selection

The 1.8mm Variable Angle/Fixed Angle Drill Guide (74462430) is double sided. The conical shaped side (variable angle) should be used if one intends to place the screw off axis through the plate. The other side is the fixed angle side and should be used if one intends to place the screw at an angle perpendicular to the plate axis.

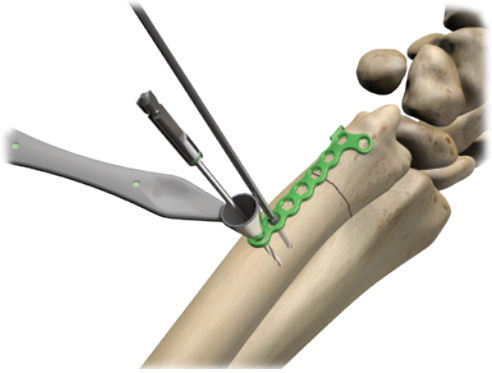


Provisional Fixation

Plates may be provisionally fixed to the bone using provisional fixation wires.

Drill

Determine the appropriate side of the 1.8mm Variable Angle/Fixed Angle Drill Guide (74462430) and insert it into the desired plate hole. Ensure that the tip of the drill guide engages with the star shaped hole. Drill to the desired depth using appropriate 1.8mm drill.

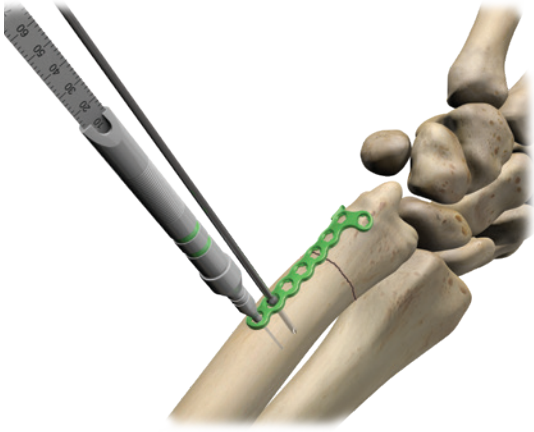


There are different length options for 1.8mm drills.

Drill diameter	Drill length	Connection	Cat No
1.8mm	Short	AO	74462402
1.8mm	Long	AO	74462404

Measure

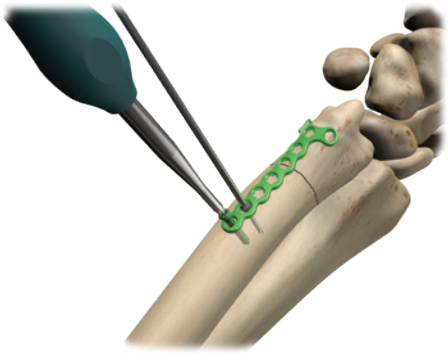
Measure for screw length by using the 2.4mm Screw Depth Gauge Short (71174959) or Long (71174928).



Tap (optional)

The 2.4mm Locking 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 (71174916). This should be performed manually by using the Jeweler's Handle with AO Quick-Connect (71177193).

Screw insertion



Insert the appropriate length 2.4mm screw using the Self Retaining Fixed Handle T7 Driver (74462414).

Screws may be partially inserted by power by attaching the T7 Driver Shaft with AO Quick-Connect (71174927). Please note, the screw should always be finished by hand, not using power.

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 VLP® tabs of the plate. Once the head of the locking screw engages the plate, only half turn is needed to lock the screw into the plate.

Note: Locking screws may be inserted up to two times. After the second time, a non-locking screw should be used.

Note: A freer elevator can be used to assist in dissection for removal of the implant if needed.

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

3.0mm Osteopenia Screws

Drill Guide Selection

The 1.8mm Variable Angle/Fixed Angle Drill Guide (74462430) is double sided. The conical shaped side (variable angle) should be used if one intends to place the screw off axis through the plate. The other side is the fixed angle side and should be used if one intends to place the screw at an angle perpendicular to the plate axis.

The 3.0mm Osteopenia Screws in the system may be used either through a 2.4mm plate or independently for small fracture fixation.

Drill (inserting through a plate)

Determine the appropriate side of the 1.8mm Variable Angle/Fixed Angle Drill Guide (74462430) and insert it into the desired plate hole. Ensure that the tip of the drill guide engages with the star shaped hole. Drill to the desired depth using the appropriate 1.8mm drill.

Drill (independent of the plate)

Position the 1.8mm side of the 1.8mm x 2.4mm Drill Guide (74462428) to the bone and drill to the desired depth using the appropriate 1.8mm drill.

There are different length options for 1.8mm drills.

Drill diameter	Drill length	Connection	Cat No
1.8mm	Short	AO	74462402
1.8mm	Long	AO	74462404

Countersink (optional)

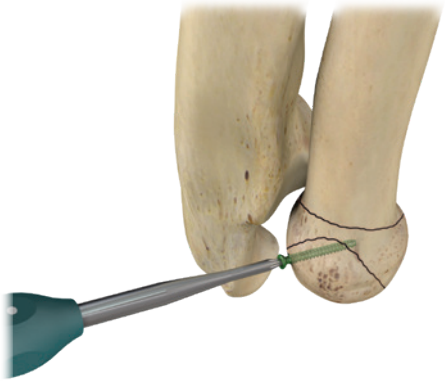
If the screw is being used independently, countersinking the screw head may be desired to lower the screw head prominence on the bone. To countersink, attach the 2.4mm Countersink (71174969) to the Jeweler's Handle with AO Quick-Connect (71177193) and prepare the bone surface by inserting the tip into the predrilled hole and turning the countersink clockwise.

Measure

Measure for screw length by using the 2.4mm Screw Depth Gauge Short (71174959) or Long (71174928).

Screw insertion

Insert the appropriate length 3.0mm screw using the Self Retaining Fixed Handle T7 Driver (74462414).



Screws may be partially inserted by power by attaching the T7 Driver Shaft with AO Quick-Connect (71174927). Please note, the screw should always be finished by hand, not using power.

Final tightening should be performed using a two finger technique to avoid loss of reduction, stripping of screw head or damage to the screwdriver.

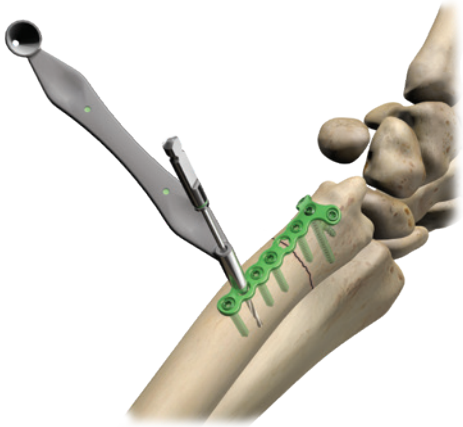
Note: Care should be taken during dissection and reconstruction of soft tissue to reduce the occurrence of soft tissue adherence and/or tissue irritation.

2.4mm Cortex Screws

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

Drill Guide Selection

The 1.8mm Variable Angle/Fixed Angle Drill Guide (74462430) is double sided. The conical shaped side (Variable Angle) should be used if one intends to place the screw off axis through the plate. The other side is the fixed angle side and should be used if one intends to place the screw at an angle perpendicular to the plate axis.



Drill (inserting through a plate)

Determine the appropriate side of the 1.8mm Variable Angle/Fixed Angle Drill Guide and insert it into the desired plate hole. Ensure that the tip of the drill guide engages with the star shaped hole. Drill to the desired depth using the appropriate 1.8mm drill.

Drill (independent of the plate)

Position the 1.8mm side of the 1.8mm x 2.4mm Drill Guide (74462428) to the bone and drill to the desired depth using the appropriate 1.8mm drill.

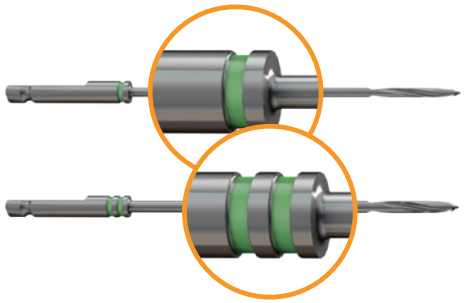
Drill (independent of the plate – lag screw technique)

Position the 2.4mm side of the 1.8mm x 2.4mm Drill Guide (74462428) to the bone and drill through the near cortex using the 2.4mm Overdrill. Insert the 1.8mm side of the 1.8mm x 2.4mm Drill Guide into the hole that was just drilled to ensure correct trajectory of the pilot hole. Drill to the desired depth using the appropriate 1.8mm drill bit. Two color bands on the drill represents overdrill for lag screw technique.

Note: Lag screw technique may be performed through a plate if desired.

There are different length options for 1.8mm drills.

Drill diameter	Drill length	Connection	Cat No
1.8mm	Short	AO	74462402
1.8mm	Long	AO	74462404
2.4mm	Short	AO	74462410

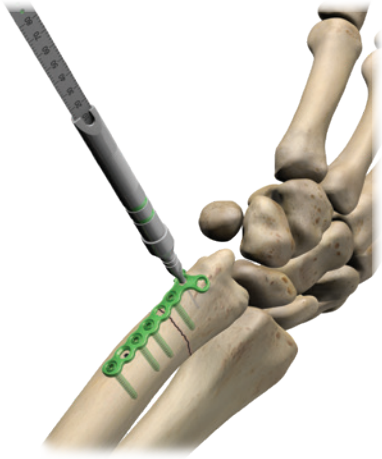


Countersink (optional)

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 2.4mm Countersink (71174969) to the Jeweler's Handle with AO Quick-Connect (71177193) and prepare the bone surface by inserting the tip into the predrilled hole and turning the countersink clockwise.

Measure

Measure for screw length by using the 2.4mm Screw Depth Gauge Short (71174959) or Long (71174928).



Tap (optional)

The 2.4mm Cortex 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 (71174916). This should be performed manually by using the Jeweler's Handle with AO Quick-Connect (71177193).

Screw insertion

Insert the appropriate length 2.4mm screw using the Self Retaining Fixed Handle T7 Driver (74462414).

Screws may be partially inserted by power by attaching the T7 Driver Shaft with AO Quick-Connect (71174927). Please note, the screw should always be finished by hand, not using power.

Final tightening should be performed using a two finger technique to avoid loss of reduction, stripping of screw head or damage to the screwdriver.

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

2.0mm System

2.0mm Locking Screw

Drill Guide Selection

The 1.5mm Variable Angle/Fixed Angle Drill Guide (74462032) is double sided. The conical shaped side (Variable Angle) should be used if one intends to place the screw off axis through the plate. The other side is the fixed angle side and should be used if one intends to place the screw at an angle perpendicular to the plate axis.

Provisional Fixation

Plates may be provisionally fixed to the bone using provisional fixation wires.

Drill

Determine the appropriate side of the 1.5mm Variable Angle/Fixed Angle Drill Guide (74462032) and insert it into the desired plate hole. Ensure that the tip of the drill guide engages with the star shaped hole. Drill to the desired depth using the appropriate 1.5mm drill.

There are different length and connection options for 1.5mm drills.

Drill diameter	Drill length	Connection	Cat No
1.5mm	Short	MINI	74462002
1.5mm	Long	MINI	74462004
1.5mm	Short	AO	71177195
1.5mm	Long	AO	71177196

Measure

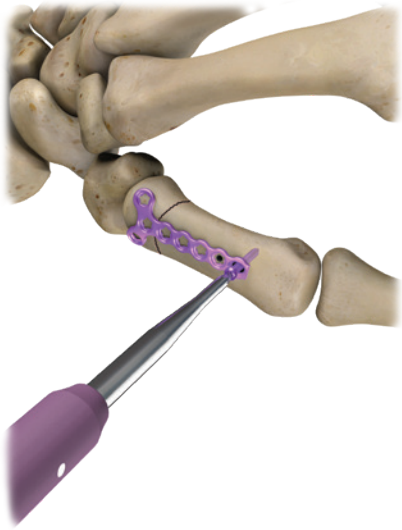
Measure for screw length by using the 2.0mm Screw Depth Gauge (71174922).

Tap (optional)

The 2.0mm Locking 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 2.0mm Tap (71174915). This should be performed manually by using the Jeweler's Handle with AO Quick-Connect (71177193).

Screw insertion

Insert the appropriate length 2.0mm screw using the Self Retaining Fixed Handle T6 Driver (74462418).



Screws may be partially inserted by power by attaching the T6 Driver Shaft with AO Quick Connect (71174921) or the T6 Driver Shaft with Mini Quick-Connect (74462016). Please note, the screw should always be finished by hand, not using power.

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 VLP® tabs of the plate. Once the head of the locking screw engages the plate, only half turn is needed to lock the screw into the plate.

Note: Locking screws may be inserted up to two times. After the second time, a non-locking screw should be used.

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

2.0mm Cortex Screw

The 2.0mm Cortex Screws in the system may be used either through a 2.0mm plate or independently for small fracture fixation.

Drill Guide Selection

The 1.5mm Variable Angle/Fixed Angle Drill Guide (74462032) is double sided. The conical shaped side (Variable Angle) should be used if one intends to place the screw off axis through the plate. The other side is the fixed angle side and should be used if one intends to place the screw at an angle perpendicular to the plate axis.

Drill (Inserting through a plate)

Determine the appropriate side of the 1.5mm Variable Angle/Fixed Angle Drill Guide and insert it into the desired plate hole. Ensure that the tip of the drill guide engages with the star shaped hole. Drill to the desired depth using the appropriate 1.5mm drill.

Drill (independent of the plate)

Position the 1.5mm side of the 1.5mm x 2.0mm Drill Guide (74462030) to the bone and drill to the desired depth using the appropriate 1.5mm drill.

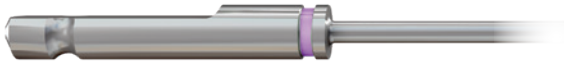
Drill (independent of the plate – lag screw technique)

Position the 2.0mm side of the 1.5mm x 2.0mm Drill Guide (74462030) to the bone and drill through the near cortex using the 2.0mm Overdrill. Insert the 1.5mm side of the 1.5mm x 2.0mm Drill Guide into the hole that was just drilled to ensure correct trajectory of the pilot hole. Drill to the desired depth using the appropriate 1.5mm drill bit.

There are different length and connection options for 1.5mm drills and 2.0mm overdrills.

Drill diameter	Drill length	Connection	Cat No
1.5mm	Short	MINI	74462002
1.5mm	Long	MINI	74462004
2.0mm	Short	MINI	74462006
1.5mm	Short	AO	71177195
1.5mm	Long	AO	71177196
2.0mm	Short	AO	71177197

MINI connection



AO connection

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 2.0mm Countersink (71174923) to the Jeweler's Handle with AO Quick-Connect (71177193) and prepare the bone surface by inserting the tip into the predrilled hole and turning the countersink clockwise.

Measure

Measure for screw length by using the 2.0mm Screw Depth Gauge (71174922).

Tap (optional)

The 2.0mm Cortex 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 2.0mm Tap (71174915). This should be performed manually by using the Jeweler's Handle with AO Quick-Connect (71177193).

Screw insertion

Insert the appropriate length 2.0mm Screw using the Self Retaining Fixed Handle T6 Driver (74462418).

Screws may be partially inserted by power by attaching the T6 Driver Shaft with AO Quick-Connect (71174921) or the T6 Driver Shaft with Mini Quick-Connect (74462016). Please note, the screw should always be finished by hand, not using power.

Final tightening should be performed using a two finger technique to avoid loss of reduction, stripping of screw head or damage to the screwdriver.

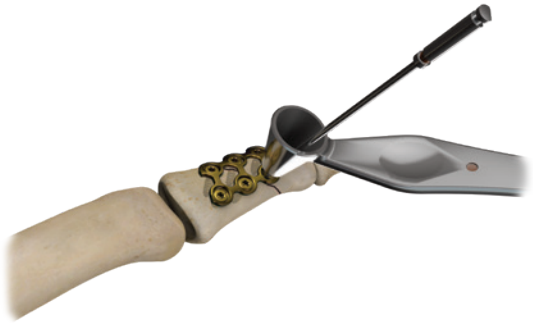
Note: Care should be taken during dissection and reconstruction of soft tissue to reduce the occurrence of soft tissue adherence and/or tissue irritation.

1.5mm System

1.5mm Locking Screw

Drill Guide Selection

The 1.5mm Variable Angle/Fixed Angle Drill Guide (74461520) is double sided. The conical shaped side (variable angle) should be used if one intends to place the screw off axis through the plate. The other side is the fixed angle side and should be used if one intends to place the screw at an angle perpendicular to the plate axis.



Provisional Fixation

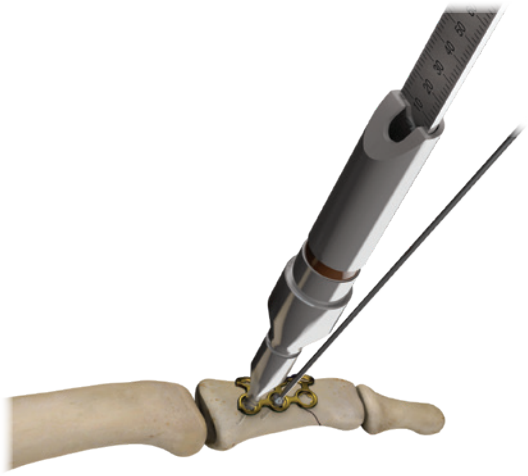
Plates may be provisionally fixed to the bone using provisional fixation wires.

Drill

Determine the appropriate side of the 1.1mm Variable Angle/Fixed Angle Drill Guide (74461520) and insert it into the desired plate hole. Ensure that the tip of the drill guide engages with the star shaped hole. Drill to the desired depth using the appropriate 1.1mm drill.

The 1.1mm Drill has a MINI connection.

Drill diameter	Connection	Cat No
1.1mm	MINI	74461500



Measure

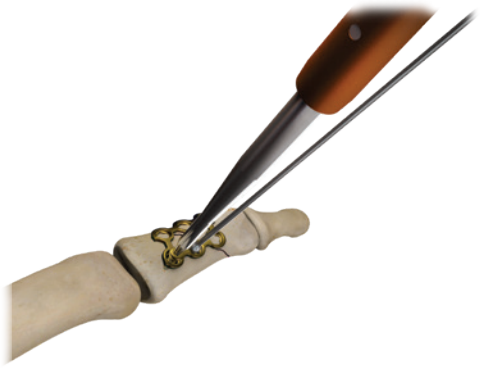
Measure for screw length by using the 1.5mm Screw Depth Gauge (74461508).

Tap (optional)

The 1.5mm Locking 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 1.5mm Tap (71170017). This should be performed manually by using the Jeweler's Bulb Handle with MINI QC (71170014).

Screw insertion

Insert the appropriate length 1.5mm screw using the Self Retaining Fixed Handle T4 Driver (74461504).



Screws may be partially inserted by power by attaching the T4 Driver Shaft with MINI quick connect (74461506). Please note, the screw should always be finished by hand, not using power.

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 VLP® tabs of the plate. Once the head of the locking screw engages the plate, only one quarter turn is needed to lock the screw into the plate.

Note: Locking screws may be inserted up to two times. After the second time, a non-locking screw should be used.

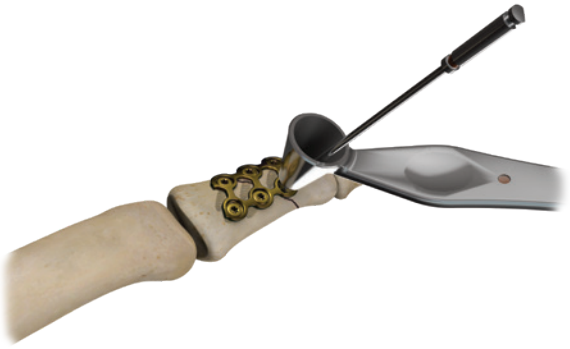
Note: Care should be taken during dissection and reconstruction of soft tissue to reduce the occurrence of soft tissue adherence and/or tissue irritation.

1.5mm Cortex Screw

The 1.5mm cortex screws in the system may be used either through a 1.5mm plate or independently for small fracture fixation.

Drill Guide Selection

The 1.1mm Variable Angle/Fixed Angle Drill Guide (74461520) is double sided. The conical shaped side (variable angle) should be used if one intends to place the screw off axis through the plate. The other side is the fixed angle side and should be used if one intends to place the screw at an angle perpendicular to the plate axis.



MINI connection

Drill (inserting through a plate)

Determine the appropriate side of the 1.1mm Variable Angle/Fixed Angle Drill Guide and insert it into the desired plate hole. Ensure that the tip of the drill guide engages with the star shaped hole. Drill to the desired depth using the appropriate 1.1mm drill.

Drill (independent of the plate)

Position the 1.1mm side of the 1.1mm x 1.5mm Drill Guide (74461518) to the bone and drill to the desired depth using the appropriate 1.1mm Drill.

Drill (independent of the plate – lag screw technique)

Position the 1.5mm side of the 1.1mm x 1.5mm Drill Guide (74461518) to the bone and drill through the near cortex using the 1.5mm Overdrill. Insert the 1.1mm side of the 1.1mm x 1.5mm Drill Guide into the hole that was just drilled to ensure correct trajectory of the pilot hole. Drill to the desired depth using the appropriate 1.1mm Drill Bit.

Over drill

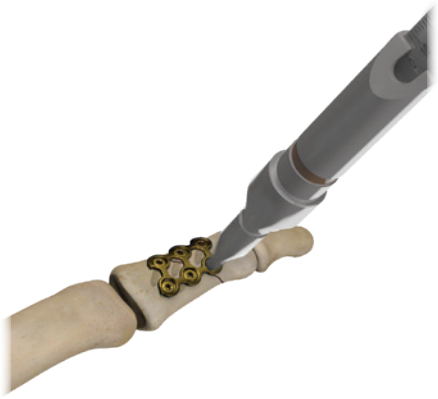
Standard drill

The 1.1mm Drill and 1.5mm Overdrill have a MINI connection.

Drill diameter	Connection	Cat No
1.1mm	MINI	74461500
1.5mm	MINI	74461502

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 1.5mm Countersink (74461510) to the Jeweler's Handle with MINI quick-connect (71170014) and prepare the bone surface by inserting the tip into the predrilled hole and turning the countersink clockwise.



Measure

Measure for screw length by using the 1.5mm Screw Depth Gauge (74461508).

Tap (optional)

The 1.5mm Cortex 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 1.5mm Tap (71170017). This should be performed manually by using the Jeweler's Bulb Handle with MINI QC (71170014).

Screw insertion

Insert the appropriate length 1.5mm screw using the Self Retaining Fixed Handle T4 Driver (74461504).

Screws may be partially inserted by power by attaching the T4 Driver Shaft with MINI quick-connect (74461506). Please note, the screw should always be finished by hand, not using power.

Final tightening should be performed using a two finger 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.

Catalog information

VLP® MINI-MOD® Ti 2.4 Screw Set

Set No 74402400

Cat No	Description	Qty
74402401	Washer for VLP 2.4 Scr screws	6
74402406N	VLP TI 2.4mm x 6mm CTX SCR T7 S-T	3
74402407N	VLP TI 2.4mm x 7mm CTX SCR T7 S-T	3
74402408N	VLP TI 2.4mm x 8mm CTX SCR T7 S-T	3
74402409N	VLP TI 2.4mm x 9mm CTX SCR T7 S-T	3
74402410N	VLP TI 2.4mm x 10mm CTX SCR T7 S-T	6
74402411N	VLP TI 2.4mm x 11mm CTX SCR T7 S-T	6
74402412N	VLP TI 2.4mm x 12mm CTX SCR T7 S-T	6
74402413N	VLP TI 2.4mm x 13mm CTX SCR T7 S-T	6
74402414N	VLP TI 2.4mm x 14mm CTX SCR T7 S-T	6
74402415N	VLP TI 2.4mm x 15mm CTX SCR T7 S-T	6
74402416N	VLP TI 2.4mm x 16mm CTX SCR T7 S-T	6
74402418N	VLP TI 2.4mm x 18mm CTX SCR T7 S-T	3
74402420N	VLP TI 2.4mm x 20mm CTX SCR T7 S-T	3
74402422N	VLP TI 2.4mm x 22mm CTX SCR T7 S-T	3
74402424N	VLP TI 2.4mm x 24mm CTX SCR T7 S-T	3
74402426N	VLP TI 2.4mm x 26mm CTX SCR T7 S-T	3
74402428N	VLP TI 2.4mm x 28mm CTX SCR T7 S-T	3
74402430N	VLP TI 2.4mm x 30mm CTX SCR T7 S-T	3
74402432N	VLP TI 2.4mm x 32mm CTX SCR T7 S-T	3
74402434N	VLP TI 2.4mm x 34mm CTX SCR T7 S-T	3
74402436N	VLP TI 2.4mm x 36mm CTX SCR T7 S-T	2
74402438N	VLP TI 2.4mm x 38mm CTX SCR T7 S-T	2
74402440N	VLP TI 2.4mm x 40mm CTX SCR T7 S-T	2
74402442N	VLP TI 2.4mm x 42mm CTX SCR T7 S-T	2
74402444N	VLP TI 2.4mm x 44mm CTX SCR T7 S-T	2
74402446N	VLP TI 2.4mm x 46mm CTX SCR T7 S-T	2

Cat No	Description	Qty
74412406N	VLP TI 2.4mm x 6mm LCK SCR T7 S-T	3
74412407N	VLP TI 2.4mm x 7mm LCK SCR T7 S-T	3
74412408N	VLP TI 2.4mm x 8mm LCK SCR T7 S-T	3
74412409N	VLP TI 2.4mm x 9mm LCK SCR T7 S-T	3
74412410N	VLP TI 2.4mm x 10mm LCK SCR T7 S-T	6
74412411N	VLP TI 2.4mm x 11mm LCK SCR T7 S-T	6
74412412N	VLP TI 2.4mm x 12mm LCK SCR T7 S-T	6
74412413N	VLP TI 2.4mm x 13mm LCK SCR T7 S-T	6
74412414N	VLP TI 2.4mm x 14mm LCK SCR T7 S-T	6
74412415N	VLP TI 2.4mm x 15mm LCK SCR T7 S-T	6
74412416N	VLP TI 2.4mm x 16mm LCK SCR T7 S-T	6
74412418N	VLP TI 2.4mm x 18mm LCK SCR T7 S-T	3
74412420N	VLP TI 2.4mm x 20mm LCK SCR T7 S-T	3
74412422N	VLP TI 2.4mm x 22mm LCK SCR T7 S-T	3
74412424N	VLP TI 2.4mm x 24mm LCK SCR T7 S-T	3
74412426N	VLP TI 2.4mm x 26mm LCK SCR T7 S-T	3
74412428N	VLP TI 2.4mm x 28mm LCK SCR T7 S-T	3
74412430N	VLP TI 2.4mm x 30mm LCK SCR T7 S-T	3
74412432N	VLP TI 2.4mm x 32mm LCK SCR T7 S-T	3
74412434N	VLP TI 2.4mm x 34mm LCK SCR T7 S-T	3
74412436N	VLP TI 2.4mm x 36mm LCK SCR T7 S-T	2
74412438N	VLP TI 2.4mm x 38mm LCK SCR T7 S-T	2
74412440N	VLP TI 2.4mm x 40mm LCK SCR T7 S-T	2
74412442N	VLP TI 2.4mm x 42mm LCK SCR T7 S-T	2
74412444N	VLP TI 2.4mm x 44mm LCK SCR T7 S-T	2
74412446N	VLP TI 2.4mm x 46mm LCK SCR T7 S-T	2

VLP MINI-MOD Ti 3.0 Screw Set

Set No 74403000

Cat No	Description	Qty
74423010N	VLP TI 3.0mm x 10mm OST SCR T7, FT	2
74423012N	VLP TI 3.0mm x 12mm OST SCR T7, FT	2
74423014N	VLP TI 3.0mm x 14mm OST SCR T7, FT	2
74423016N	VLP TI 3.0mm x 16mm OST SCR T7, FT	2
74423018N	VLP TI 3.0mm x 18mm OST SCR T7, FT	2
74423020N	VLP TI 3.0mm x 20mm OST SCR T7, FT	2
74423022N	VLP TI 3.0mm x 22mm OST SCR T7, FT	2
74423024N	VLP TI 3.0mm x 24mm OST SCR T7, FT	2
74423026N	VLP TI 3.0mm x 26mm OST SCR T7, FT	2
74423028N	VLP TI 3.0mm x 28mm OST SCR T7, FT	2

Cat No	Description	Qty
74423030N	VLP TI 3.0mm x 30mm OST SCR T7, FT	2
74423032N	VLP TI 3.0mm x 32mm OST SCR T7, FT	2
74423034N	VLP TI 3.0mm x 34mm OST SCR T7, FT	2
74423036N	VLP TI 3.0mm x 36mm OST SCR T7, FT	2
74423038N	VLP TI 3.0mm x 38mm OST SCR T7, FT	2
74423040N	VLP TI 3.0mm x 40mm OST SCR T7, FT	2
74423042N	VLP TI 3.0mm x 42mm OST SCR T7, FT	1
74423044N	VLP TI 3.0mm x 44mm OST SCR T7, FT	1
74423046N	VLP TI 3.0mm x 46mm OST SCR T7, FT	1
74423048N	VLP TI 3.0mm x 48mm OST SCR T7, FT	1

*N – denotes non-sterile product

VLP® MINI-MOD® TI 2.4 Long Screw Set

Set No 74402405

Cat No	Description	Qty
71172904	2.4mm Long Screw Caddy	1
74402455	VLP TI 2.4mm x 55mm CTX SCR T7 S-T	2
74402460	VLP TI 2.4mm x 60mm CTX SCR T7 S-T	2
74402465	VLP TI 2.4mm x 65mm CTX SCR T7 S-T	2
74402470	VLP TI 2.4mm x 70mm CTX SCR T7 S-T	2
74402475	VLP TI 2.4mm x 75mm CTX SCR T7 S-T	2
74402480	VLP TI 2.4mm x 80mm CTX SCR T7 S-T	2
74412455	VLP TI 2.4mm x 55mm LCK SCR T7 S-T	2
74412460	VLP TI 2.4mm x 60mm LCK SCR T7 S-T	2
74412465	VLP TI 2.4mm x 65mm LCK SCR T7 S-T	2
74412470	VLP TI 2.4mm x 70mm LCK SCR T7 S-T	2
74412475	VLP TI 2.4mm x 75mm LCK SCR T7 S-T	2
74412480	VLP TI 2.4mm x 80mm LCK SCR T7 S-T	2
74423055	VLP TI 3.0mm x 55mm OST SCR T7, FT	2
74423060	VLP TI 3.0mm x 60mm OST SCR T7, FT	2
74423065	VLP TI 3.0mm x 65mm OST SCR T7, FT	2
74423070	VLP TI 3.0mm x 70mm OST SCR T7, FT	2
74423075	VLP TI 3.0mm x 75mm OST SCR T7, FT	2
74423080	VLP TI 3.0mm x 80mm OST SCR T7, FT	2

VLP MINI-MOD 2.4 Instrument Set

Set No 71172450

Cat No	Description	Qty
74462402	1.8mm Drill, short AO	2
74462404	1.8mm Drill, long AO	2
74462406	1.8mm Provisional Fixation Wire, short	4
74462408	1.8mm Provisional Fixation Wire, long	4
74462410	2.4mm Overdrill, AO short	2
74462414	Fixed Handle T7 Driver	1
71174927	T7 Driver Shaft, AO QC	2
71174928	Depth Gauge for 2.4mm VLP Screws long (80mm)	1
71174959	Depth Gauge for 2.4mm VLP Screws short (50mm)	1
71174043	2.4mm Plate Holder	2
71174969	2.4mm Countersink AO	1
74462428	1.8/2.4 Double-Ended Drill Guide	1
74462430	1.8mm VA Drill Guide	1
71172901	2.4mm Module	1
71172902	2.4mm Plate Inner Tray	1
71172903	2.4mm Screw Inner Caddy	1
71172906	Tray Lid	1
71174916	2.4mm Tap AO QC	1

VLP MINI-MOD Ti 2.4 Plate Set

Set No 74442400

Cat No	Description	Qty
74442410	VLP 2.4mm Y-Plate, 6 hole	1
74442412	VLP 2.4mm Y-Plate, 8 hole	1
74442414	VLP 2.4mm T-Plate, 2 hole HD, 6 hole SFT	1
74442416	VLP 2.4mm T-Plate, 2 hole HD, 8 hole SFT	1
74442418	VLP 2.4mm T-Plate, 3 hole HD, 6 hole SFT	1
74442420	VLP 2.4mm T-Plate, 3 hole HD, 8 hole SFT	1
74442422	VLP 2.4mm Straight Plate, 6 hole	2
74442424	VLP 2.4mm Straight Plate, 8 hole	2
74442426	VLP 2.4mm Straight Plate, 12 hole	1
74442428	VLP 2.4mm Mesh Plate, 12 hole x 3 hole	1
74442430	VLP 2.4mm Stout Straight Plate, 6 hole	2
74442432	VLP 2.4mm Stout Straight Plate, 8 hole	2
74442434	VLP 2.4mm Stout Straight Plate, 12 hole	1

VLP MINI-MOD 2.4 Template Set

Set No 71172455

Cat No	Description	Qty
71173887	VLP 2.4mm Y-Plate Template, 8 hole	1
71173888	VLP 2.4mm T-Plate Template, 2 hole head, 8 hole shaft	1
71173889	VLP 2.4mm T-Plate Template, 3 hole head, 8 hole shaft	1
71173890	VLP 2.4mm Straight Plate Template, 8 hole	1
71173891	VLP 2.4mm Mesh Plate Template, 12 hole x 3 hole	1
71173892	VLP 2.4mm Stout Straight Plate Template, 8 hole	1

VLP◇ MINI-MOD◇ Ti 2.0 Plate Set

Set No 74402000

Cat No	Description	Qty
74442010	VLP 2.0mm Y-Plate, 6 hole	1
74442012	VLP 2.0mm Y-Plate, 8 hole	1
74442014	VLP 2.0mm T-Plate, 2 hole HD, 6 hole SFT	1
74442016	VLP 2.0mm T-Plate, 2 hole HD, 8 hole SFT	1
74442018	VLP 2.0mm T-Plate, 3 hole HD, 6 hole SFT	1
74442020	VLP 2.0mm T-Plate, 3 hole HD, 8 hole SFT	1

Cat No	Description	Qty
74442022	VLP 2.0mm Straight Plate, 6 hole	2
74442024	VLP 2.0mm Straight Plate, 8 hole	2
74442028	VLP 2.0mm Stout Straight Plate, 6 hole	2
74442030	VLP 2.0mm Stout Straight Plate, 8 hole	2
74442032	VLP 2.0mm Stout Straight Plate, 12 hole	1

VLP MINI-MOD Ti 2.0 Screw Set

Set No 74402005

Cat No	Description	Qty
74402001	Washer for VLP 2.0 Screws	6
74402006N	VLP TI 2.0mm x 6mm CTX SCR T6 S-T	3
74402007N	VLP TI 2.0mm x 7mm CTX SCR T6 S-T	3
74402008N	VLP TI 2.0mm x 8mm CTX SCR T6 S-T	6
74402009N	VLP TI 2.0mm x 9mm CTX SCR T6 S-T	6
74402010N	VLP TI 2.0mm x 10mm CTX SCR T6 S-T	6
74402011N	VLP TI 2.0mm x 11mm CTX SCR T6 S-T	6
74402012N	VLP TI 2.0mm x 12mm CTX SCR T6 S-T	6
74402013N	VLP TI 2.0mm x 13mm CTX SCR T6 S-T	6
74402014N	VLP TI 2.0mm x 14mm CTX SCR T6 S-T	6
74402016N	VLP TI 2.0mm x 16mm CTX SCR T6 S-T	3
74402018N	VLP TI 2.0mm x 18mm CTX SCR T6 S-T	3
74402020N	VLP TI 2.0mm x 20mm CTX SCR T6 S-T	3
74402022N	VLP TI 2.0mm x 22mm CTX SCR T6 S-T	3
74402024N	VLP TI 2.0mm x 24mm CTX SCR T6 S-T	3
74402026N	VLP TI 2.0mm x 26mm CTX SCR T6 S-T	3
74402028N	VLP TI 2.0mm x 28mm CTX SCR T6 S-T	3
74402030N	VLP TI 2.0mm x 30mm CTX SCR T6 S-T	3
74402032N	VLP TI 2.0mm x 32mm CTX SCR T6 S-T	3
74402034N	VLP TI 2.0mm x 34mm CTX SCR T6 S-T	3
74402036N	VLP TI 2.0mm x 36mm CTX SCR T6 S-T	3

Cat No	Description	Qty
74412006N	VLP TI 2.0mm x 6mm LCK SCR T6 S-T	3
74412007N	VLP TI 2.0mm x 7mm LCK SCR T6 S-T	3
74412008N	VLP TI 2.0mm x 8mm LCK SCR T6 S-T	6
74412009N	VLP TI 2.0mm x 9mm LCK SCR T6 S-T	6
74412010N	VLP TI 2.0mm x 10mm LCK SCR T6 S-T	6
74412011N	VLP TI 2.0mm x 11mm LCK SCR T6 S-T	6
74412012N	VLP TI 2.0mm x 12mm LCK SCR T6 S-T	6
74412013N	VLP TI 2.0mm x 13mm LCK SCR T6 S-T	6
74412014N	VLP TI 2.0mm x 14mm LCK SCR T6 S-T	6
74412016N	VLP TI 2.0mm x 16mm LCK SCR T6 S-T	3
74412018N	VLP TI 2.0mm x 18mm LCK SCR T6 S-T	3
74412020N	VLP TI 2.0mm x 20mm LCK SCR T6 S-T	3
74412022N	VLP TI 2.0mm x 22mm LCK SCR T6 S-T	3
74412024N	VLP TI 2.0mm x 24mm LCK SCR T6 S-T	3
74412026N	VLP TI 2.0mm x 26mm LCK SCR T6 S-T	3
74412028N	VLP TI 2.0mm x 28mm LCK SCR T6 S-T	3
74412030N	VLP TI 2.0mm x 30mm LCK SCR T6 S-T	3
74412032N	VLP TI 2.0mm x 32mm LCK SCR T6 S-T	3
74412034N	VLP TI 2.0mm x 34mm LCK SCR T6 S-T	3
74412036N	VLP TI 2.0mm x 36mm LCK SCR T6 S-T	3

*N – denotes non-sterile product

VLP◇ MINI-MOD◇ 2.0 Instrument Set

Set No 71172040

Cat No	Description	Qty
71172906	Tray Lid	1
71173897	2.0mm Module	1
71173898	2.0mm Plate Inner Tray	1
71173899	2.0mm Screw Inner Caddy	1
71174915	2.0mm Tap AO QC	1
71174921	T6 Driver Shaft, AO QC	2
71174922	Depth Gauge for 2.0mm VLP Screws	1
71174923	2.0mm Screw Countersink AO QC	1
71177195	1.5mm Drill, Short AO QC	2
71177196	1.5mm Drill, Long AO QC	2
71177197	2.0mm Overdrill, Short AO QC	2

Cat No	Description	Qty
74462002	1.5mm Drill, Short Mini QC	2
74462004	1.5mm Drill, Long Mini QC	2
74462006	2.0mm Overdrill, Short Mini QC	2
74462016	T6 Driver Shaft, Mini QC	1
74462022	2.0mm Plate Holder	2
74462026	1.5mm Provisional Fixation Wire, Short	4
74462028	1.5mm Provisional Fixation Wire, Long	4
74462030	1.5/2.0 Double Drill Guide	1
74462032	1.5mm VA Drill Guide	1
74462418	Fixed Handle T6 Driver	1

VLP MINI-MOD 2.0 Template Set

Set No 71172050

Cat No	Description	Qty
71173881	VLP 2.0mm Y-Plate Template 8 HLS	1
71173882	VLP 2.0mm T-Plate Template 2 HL HD 8 HL SFT	1
71173883	VLP 2.0mm T-Plate Template 3 HL HD 8 HL SFT	1
71173884	VLP 2.0mm Straight Plate Template 8 HL	1
71173886	VLP 2.0mm Stout Straight Plate Template 8HL	1

VLP® MINI-MOD® Ti 1.5 Plate Set

Set No 74441500

Cat No	Description	Qty
74441510	VLP MINI-MOD 1.5mm Y PL, 6H	1
74441512	VLP MINI-MOD 1.5mm Y PL, 8H	1
74441514	VLP MINI-MOD 1.5mm T PL, 2H HD, 6H SFT	1
74441516	VLP MINI-MOD 1.5mm T PL, 2H HD, 8H SFT	1
74441518	VLP MINI-MOD 1.5mm T PL, 3H HD, 6H SFT	1
74441520	VLP MINI-MOD 1.5mm T PL, 3H HD, 8H SFT	1
74441522	VLP MINI-MOD 1.5mm STRAIGHT PL, 6H	2
74441524	VLP MINI-MOD 1.5mm STRAIGHT PL, 8H	2
74441526	VLP MINI-MOD 1.5mm STRAIGHT PL, 12H	2
74441528	VLP MINI-MOD 1.5mm COLM PL, 12H X 2H, LT	1
74441530	VLP MINI-MOD 1.5mm COLM PL, 12H X 2H, RT	1
74441532	VLP MINI-MOD 1.5MM COLM PL, 6H X 2H, LT	1
74441534	VLP MINI-MOD 1.5MM COLM PL, 6H X 2H, RT	1

VLP MINI-MOD Ti 1.5 Screw Set

Set No 74401500

Cat No	Description	Qty
74401506	VLP TI 1.5mm x 6mm CTX SCR T4 S-T	5
74401507	VLP TI 1.5mm x 7mm CTX SCR T4 S-T	5
74401508	VLP TI 1.5mm x 8mm CTX SCR T4 S-T	5
74401509	VLP TI 1.5mm x 9mm CTX SCR T4 S-T	5
74401510	VLP TI 1.5mm x 10mm CTX SCR T4 S-T	5
74401511	VLP TI 1.5mm x 11mm CTX SCR T4 S-T	5
74401512	VLP TI 1.5mm x 12mm CTX SCR T4 S-T	5
74401513	VLP TI 1.5mm x 13mm CTX SCR T4 S-T	5
74401514	VLP TI 1.5mm x 14mm CTX SCR T4 S-T	5
74401515	VLP TI 1.5mm x 15mm CTX SCR T4 S-T	5
74401516	VLP TI 1.5mm x 16mm CTX SCR T4 S-T	5
74401517	VLP TI 1.5mm x 17mm CTX SCR T4 S-T	5
74401518	VLP TI 1.5mm x 18mm CTX SCR T4 S-T	5
74401519	VLP TI 1.5mm x 19mm CTX SCR T4 S-T	5
74401520	VLP TI 1.5mm x 20mm CTX SCR T4 S-T	5
74401521	VLP TI 1.5mm x 21mm CTX SCR T4 S-T	5
74401522	VLP TI 1.5mm x 22mm CTX SCR T4 S-T	5
74401523	VLP TI 1.5mm x 23mm CTX SCR T4 S-T	5
74401524	VLP TI 1.5mm x 24mm CTX SCR T4 S-T	5
74411506	VLP TI 1.5mm x 6mm LCK SCR T4 S-T	5
74411507	VLP TI 1.5mm x 7mm LCK SCR T4 S-T	5
74411508	VLP TI 1.5mm x 8mm LCK SCR T4 S-T	5
74411509	VLP TI 1.5mm x 9mm LCK SCR T4 S-T	5
74411510	VLP TI 1.5mm x 10mm LCK SCR T4 S-T	5
74411511	VLP TI 1.5mm x 11mm LCK SCR T4 S-T	5
74411512	VLP TI 1.5mm x 12mm LCK SCR T4 S-T	5
74411513	VLP TI 1.5mm x 13mm LCK SCR T4 S-T	5
74411514	VLP TI 1.5mm x 14mm LCK SCR T4 S-T	5
74411515	VLP TI 1.5mm x 15mm LCK SCR T4 S-T	5
74411516	VLP TI 1.5mm x 16mm LCK SCR T4 S-T	5
74411517	VLP TI 1.5mm x 17mm LCK SCR T4 S-T	5
74411518	VLP TI 1.5mm x 18mm LCK SCR T4 S-T	5
74411519	VLP TI 1.5mm x 19mm LCK SCR T4 S-T	5
74411520	VLP TI 1.5mm x 20mm LCK SCR T4 S-T	5
74411521	VLP TI 1.5mm x 21mm LCK SCR T4 S-T	5
74411522	VLP TI 1.5mm x 22mm LCK SCR T4 S-T	5
74411523	VLP TI 1.5mm x 23mm LCK SCR T4 S-T	5
74411524	VLP TI 1.5mm x 24mm LCK SCR T4 S-T	5

VLP MINI-MOD 1.5 Instrument Set

Set No 74461000

Cat No	Description	Qty
71172906	Tray Lid	1
71173894	1.5mm Module	1
71170012	QC Adaptor Mini	1
71170017	Tap 1.5mm	1
74461500	1.1mm Drill, Mini QC	2
74461502	1.5mm Overdrill, Mini QC	2
74461504	Fixed Handle T4 Driver	1
74461506	T4 Driver Shaft, Mini QC	2
74461508	Depth Gauge for 1.5mm VLP Screws	1
74461510	1.5mm Screw Countersink Mini QC	1
74461512	1.5mm Plate Holder	2
74461514	1.1mm Provisional Fixation Wire, 6mm	4
74461516	1.5mm Bending Rod	2
74461518	1.1/1.5 Double Drill Guide	1
74461520	1.1mm VA Drill Guide	1

VLP® MINI-MOD® 1.5 Template Set

Set No 71173700

Cat No	Description	Qty
71173776	VLP 1.5mm Y-Plate Template 8 HLS	1
71173777	VLP 1.5mm T-Plate Template 2 HL HD 8 HL SFT	1
71173778	VLP 1.5mm T-Plate Template 3 HL HD 8 HL SFT	1
71173779	VLP 1.5mm Straight Plate Template 8 H	1
71173780	VLP 1.5mm Column Plate Template 12HL x 2HL LT	1
71173781	VLP 1.5mm Column Plate Template 12HL x 2HL RT	1

VLP MINI-MOD General Instrument Set

Set No 71172460

Cat No	Description	Qty
71101530	Freer Elevator (VLP FOOT)	1
71161008	0.8mm K-Wire	6
71161010	1.0mm K-Wire	6
71161012	1.25mm K-Wire	6
71161016	1.6mm K-Wire	6
71170014	Jeweler's Bulb Handle with MINI QC (VDR Set)	1
71177193	Jeweler's Handle AO QC	1
71170043	Sharp Hook	1
71170047	Plate Cutter, TC-100	1
71170055	Hohmann Retractor, 6mm	2

Cat No	Description	Qty
71170061	Plate Bending Pliers (TC-100®)	2
71173369	Hohmann Retractor, bent	2
71173377	Reduction Forceps, broad (From PERI-LOC®)	1
71173378	Lobster Claw Forceps (From PERI-LOC)	1
71177194	Termite Forceps	1
71173528	AO-Trinkle	1
71174960	Large Plate Pliers	1
74462024	2.0mm/2.4mm Bending Rod	2
71170065	Plate Cutter, small	1
71172906	Tray Lid	1
71172907	General Instrument Tray	1

Notes

Notes

Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Smith & Nephew representative or distributor if you have questions about the availability of Smith & Nephew products in your area.

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