



PERI-LOC[◇] VLP Variable-Angle Locked Plating System

Surgical Technique

Table of Contents

Product Overview	2
Introduction.....	2
Indications and Contraindications	3
Case Examples	4
Design Features and Benefits	6
PERI-LOC VLP System Overview	7
Surgical Technique	11
Fracture Reduction	11
3.5mm Lateral Distal Fibula Locking Plate	13
3.5mm Posterolateral Distal Fibula Locking Plate	14
3.5mm Lateral Proximal Tibia Locking Plate	15
3.5mm Posteromedial Proximal Tibia Locking Plate	16
3.5mm Medial Distal Tibia Locking Plate	17
3.5mm Anterior Distal Tibia Locking Plate	18
3.5mm Posterior Distal Tibia Locking Plate	21
Screw Insertion	20
3.5mm Cortex Screw	20
3.5mm Locking Screw & 5.0mm Osteopenia Screw	21
2.7mm Cortex Screw	22
Closure	23
Catalogue Information	24

Nota Bene

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

Product Overview

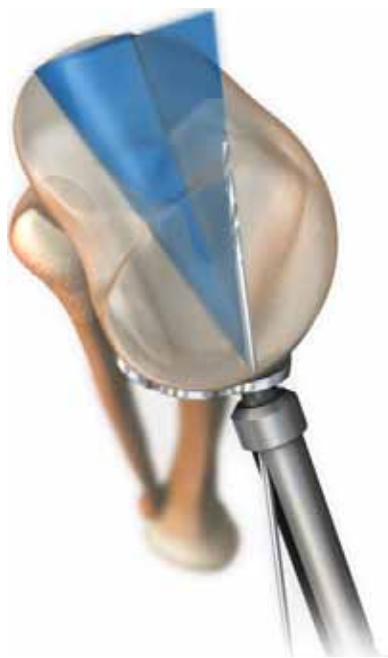
Introduction

The clinical challenges presented by the partial articular fracture (AO/OTA Fracture Classification Type B) require specific implants to achieve optimal intraoperative results. Factors such as intra-articular fracture extension, fracture pattern instability, and inadequate soft tissue coverage demand that implant systems be both versatile and comprehensive in their approach to fracture fixation.

Traditional locked plating systems maximise fracture stability through pre-determined screw trajectories and precise plate position on bone. This enhanced stability can, however, come at the price of reduced intraoperative versatility with respect to plate and screw placement. Polyaxial locked plating systems, on the other hand, approach the same goal, but with a much greater degree of freedom relative to final implant position. Current designs use screw hole inserts, pre-loaded bushings, or threaded caps to establish fixed angle stability. While these devices do create an angularly stable construct, they also require additional implants and may add to the overall surgical procedure.

The PERI-LOC® VLP Variable-Angle Locked Plating System combines the benefits of both fixed angle and polyaxial locked plating concepts into one simple, intuitive system of instruments and implants. A full complement of plates and screws addresses not only fractures of the proximal and distal tibia, but the distal fibula as well. Locking screws can be angled through the plate holes up to 15° in any direction and require no additional implants or procedural steps to ensure definitive locking. Low profile fixation in areas where implant prominence is a chief concern is accomplished by minimising plate thickness near the joint without compromising implant strength.

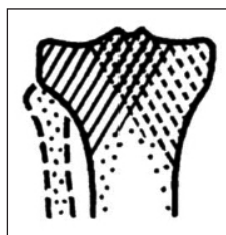
With its intuitive instrumentation and a versatile and comprehensive range of implants, the PERI-LOC VLP Variable-Angle Locked Plating System is a superior solution to complex fracture problems.



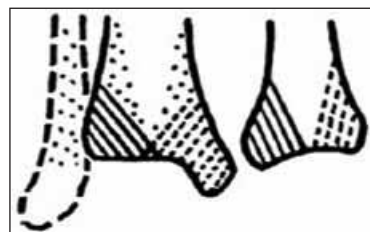
Indications

The PERI-LOC® VLP Variable-Angle Locked Plating System is indicated for the treatment of partial articular fractures of the distal and proximal tibia (AO/OTA Fracture Classification Type B*), and for fracture fixation of the fibula.

The PERI-LOC VLP 3.5mm One-Third Tubular Locking Plates are indicated for the treatment of fractures, non-unions and osteotomies of the medial malleolus, fibula, distal ulna, olecranon, calcaneus and metatarsals.



Partial articular (41-B)*

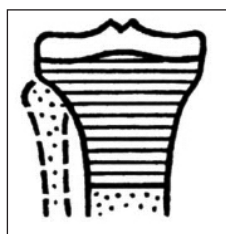


Partial articular (43-B)*

Contraindications

The PERI-LOC VLP Variable-Angle Locked Plating System is contraindicated for the treatment of AO/OTA Fracture Classification Types A & C* and fractures with extreme metaphyseal comminution or dissociation of the articular segment from the shaft.

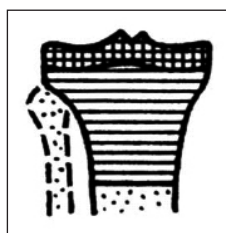
Note PERI-LOC VLP Variable-Angle Locked Plating System implants are indicated for single use only.



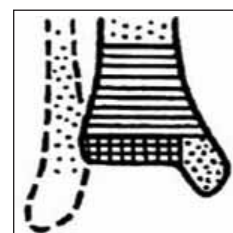
Extra-articular (41-A)*



Extra-articular (43-A)*



Complete articular (41-C)*



Complete articular (43-C)*

PERI-LOC® VLP Case Examples

3.5mm Posteromedial Proximal Tibia Locking Plate



3.5mm Lateral Proximal Tibia Locking Plate



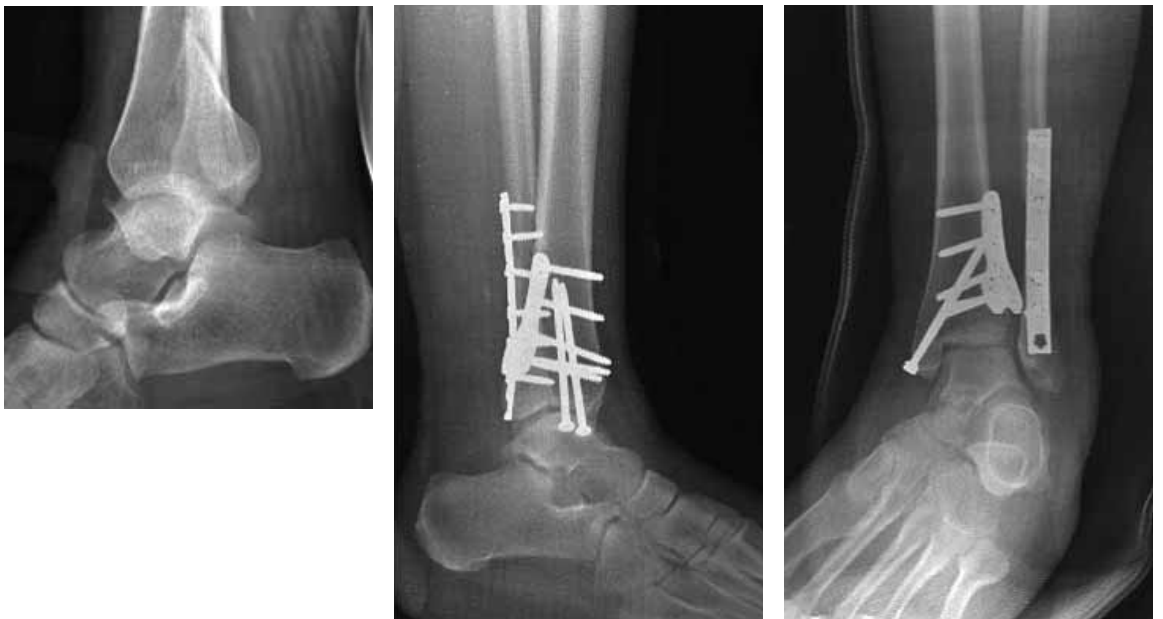
3.5mm Anterior Distal Tibia Locking Plate



3.5mm Lateral Distal Fibula Locking Plates



3.5mm Posterior Distal Tibia and 3.5mm Posterolateral Distal Fibula Locking Plates



Design Features and Benefits

Polyaxial Locking Plate

Each PERI-LOC® VLP 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 customised, multi-directional locked plating constructs. Each screw hole accepts 3.5mm Cortex, 3.5mm Locking and/or 5.0mm Osteopenia Screws.



Low Profile Implants

The profile of the PERI-LOC VLP locking plate is designed to ensure low profile fracture fixation in areas of minimal soft tissue coverage such as periarticular zones. All screws in the PERI-LOC VLP Locked Plating System have a low head profile to further reduce the potential for soft tissue irritation in these sensitive areas.



Optimal Plate Contour

The optimised contour of the PERI-LOC VLP locking plate facilitates both fracture reduction and stabilisation as it is compressed to bone. This “compression contouring” feature is essential to the implant’s ability to resist torque and bending during fracture healing. Once securely fixed in place, the plate produces a constant buttress effect to the fracture site to prevent loss of reduction and to enhance overall fracture fixation.



PERI-LOC[◇] VLP System Overview

PERI-LOC VLP Plates

3.5mm Lateral Distal Fibula Locking Plate

- Distal screw cluster and low plate profile provide stable periarticular fixation
- 2.0mm – 1.7mm proximal to distal plate thickness transition
- Left and right specific



3.5mm Posterolateral Distal Fibula Locking Plate

- Scalloped for syndesmotic screw placement outside the plate without compromising plate position
- 1.5mm – 0.9mm proximal to distal plate thickness transition
- Left and right specific
- 8° distal helical twist accommodates the posterolateral anatomy of the distal fibula
- Rounded distal edges to minimise peroneal nerve irritation



3.5mm One-Third Locking Tubular Plate

- Low-profile buttress plate for fractures of the distal fibula
- Consistent 1.5mm plate thickness



3.5mm Posterior Distal Tibia Locking Plate

- Scalloped to allow lag screw placement without compromising plate position
- Contour facilitates a posterior approach to distal tibia fractures in the coronal plane
- Consistent 1.5mm plate thickness
- Left and right specific



3.5mm Anterior Distal Tibia Locking Plate

- Scalloped to allow lag screw placement without compromising plate position
- Contour facilitates an anterior approach to distal tibia fractures in the coronal plane
- Consistent 1.5mm plate thickness
- Left and right specific



3.5mm Medial Distal Tibia Locking Plate

- Smooth distal tip minimises soft tissue irritation over the medial malleolus
- 2.0mm – 1.5mm proximal to distal plate thickness transition
- Contour facilitates a medial approach to distal tibia fractures in the sagittal plane
- Left and right specific



3.5mm Posteromedial Proximal Tibia Locking Plate

- Contoured to provide a stable buttress platform for fractures of the medial tibial plateau
- Consistent plate thickness:
1.5mm = 4 hole
2.0mm = 7 hole
- Left and right specific



3.5mm Lateral Proximal Tibia Locking Plate

- Scalloped to allow lag screw placement without compromising plate position
- 1.5mm – 2.0mm proximal to distal plate thickness transition
- Left and right specific
- 3° AP radius of curvature optimises plate coverage down the tibial shaft and proximal screw position



PERI-LOC[®] VLP Screws

- Standard 2.5mm hex head recess for all screws
- Low profile heads to reduce soft tissue irritation
- Screw angulation in each plate hole:
 - 3.5mm Cortex: 20°
 - 3.5mm Locking: 15°
 - 5.0mm Osteopenia: 15°
- Self-Tapping 2.7mm Cortex, 3.5mm Cortex and 3.5mm Locking Screws
- 5.0mm Osteopenia Screw (fully and partially threaded) provides superior purchase and compression in poor quality bone stock
- Standardised drill bits:
 - 2.7mm Drill Bit: 3.5mm and 5.0mm screws
 - 2.0mm Drill Bit: 2.7mm screws



3.5mm Cortex Screw



3.5mm Locking Screw



**5.0mm Osteopenia Screw
Fully Threaded**



**5.0mm Osteopenia Screw
Partially Threaded**



2.7mm Cortex Screw

Surgical Technique

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 fracture fragments using:

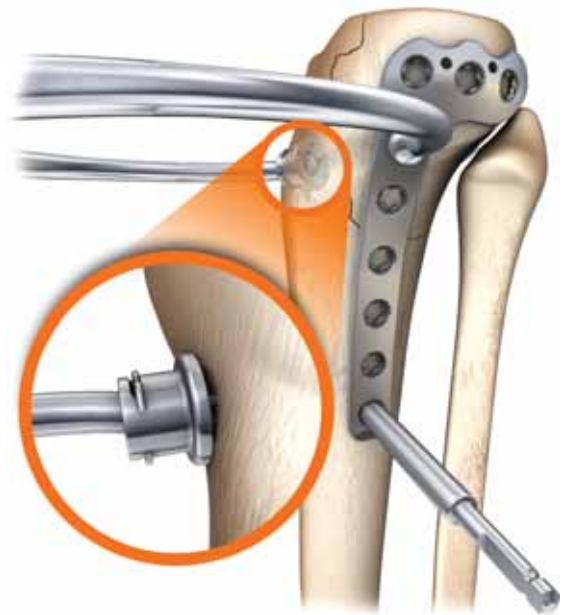
- K-Wires*
 - 1.25mm x 150mm (7116-1012)
 - 1.6mm x 150mm (7116-1016)
 - 2.0mm x 150mm (7116-1020)

Note If K-Wires are to be inserted through the holes on a PERI-LOC® VLP locking plate for the purpose of provisional fixation, it is recommended that 1.6mm K-Wires be used.

- Provisional Fixation Pins*
 - 2.7mm x 14mm (7117-1228)
 - 2.7mm x 25mm (7117-1229)
 - 2.7mm x 40mm (7117-1230)

Note Provisional Fixation Pins may be inserted on power, but should always be seated manually in order to avoid stripping of the threads and loss of purchase.

- Ball Spike Pusher (7117-1210)**
- Reduction Forceps**
 - Ball Spike Reduction Clamp, Medium (7117-1212)
 - Ball Spike Reduction Clamp, Large (7117-1213)
 - Ratchet Reduction Forceps (7117-0044, 7117-3370, 7117-3377, 7117-3378)
 - Fibula Clamp (7117-1211)



*Located in the PERI-LOC VLP Instrument Tray

**Located in the PERI-LOC Periarticular Forceps Tray

- Ball Spike Reduction Clamp:

Assemble either the 15mm or 25mm Spiked Washer (7117-1220, 7117-1221)* to the ball spike clamp by pushing the tip of the clamp into the washer until it snaps on.

Care should be taken when handling the clamps and spiked washers to avoid the sharpened tips.

If the ball spike clamp is to be used with a plate, insert one of the tips into the desired plate hole and engage the other tip with the bone on the opposite cortex. If using a spiked washer on the far-side clamp tip, ensure that the spikes are against bone.

*Located in the PERI-LOC® Periarticular Forceps Tray

3.5mm Lateral Distal Fibula

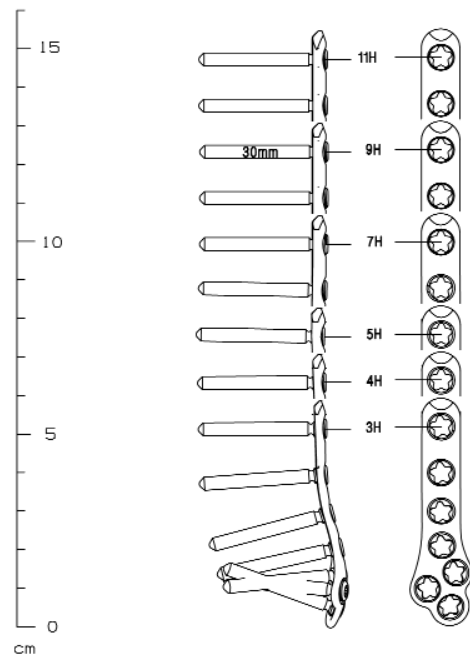
Patient Positioning

Place the patient in the supine position on a radiolucent table. Confirm unimpeded AP and lateral visualisation of the distal fibula under fluoroscopy.

Plate Selection

Following fracture reduction, select the 3.5mm Lateral Distal Fibula Locking Plate that best accommodates patient anatomy and fracture pattern.

Note The PERI-LOC® VLP 3.5mm Lateral Distal Fibula Locking Plate Preoperative Template (7118-1180) is available to assist with pre-operative radiographic planning.



PERI-LOC VLP 3.5mm Lateral Distal Fibula Locking Plate
Preoperative Template
Cat. No. 7118-1180

Plate Positioning

The plate lies along the lateral aspect of the distal fibula with the distal screw cluster covering the lateral malleolus. Provisionally fix the plate to bone using Reduction Forceps and/or Provisional Fixation Pins and proceed with screw insertion as desired.



3.5mm Posterolateral Distal Fibula

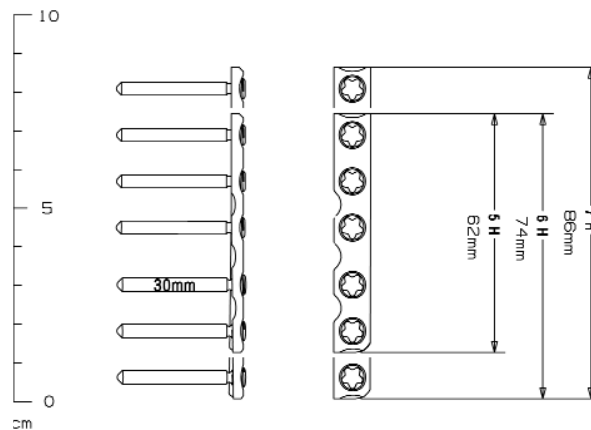
Patient Positioning

Place the patient in the supine position on a radiolucent table. Confirm unimpeded AP and lateral visualisation of the distal fibula under fluoroscopy.

Plate Selection

Following fracture reduction, select the 3.5mm Posterolateral Distal Fibula Locking Plate that best accommodates patient anatomy and fracture pattern.

Note The PERI-LOC® VLP 3.5mm Posterolateral Distal Fibula Locking Plate Preoperative Template (7118-1199) is available to assist with pre-operative radiographic planning.



PERI-LOC VLP 3.5mm Posterolateral Distal Fibula Locking
Plate Preoperative Template
Cat. No. 7118-1199

Plate Positioning

The plate lies along the posterolateral aspect of the distal fibula. Provisionally fix the plate to bone using Reduction Forceps and/or Provisional Fixation Pins and proceed with screw insertion as desired.



3.5mm Lateral Proximal Tibia

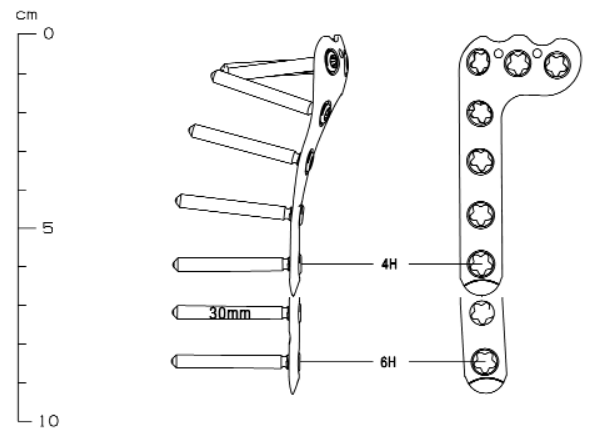
Patient Positioning

Place the patient in the supine position on a radiolucent table. Confirm unimpeded AP and lateral visualisation of the proximal tibia under fluoroscopy.

Plate Selection

Following fracture reduction, select the 3.5mm Lateral Proximal Tibia Locking Plate that best accommodates patient anatomy and fracture pattern.

Note The PERI-LOC® VLP 3.5mm Lateral Proximal Tibia Locking Plate Preoperative Template (7118-1182) is available to assist with pre-operative radiographic planning.



PERI-LOC VLP 3.5mm Lateral Proximal Tibia Locking Plate
Preoperative Template
Cat. No. 7118-1182

Plate Positioning

The Lateral Proximal Tibia Positioning Guide* (7117-1216, 7117-1217) allows visualisation of plate position and provides a template for independent lag screw placement in the proximal tibia prior to plate application. 1.6mm x 150mm K-Wires can be inserted through the two proximal holes in the guide to aid with provisional fixation and fracture reduction. Remove the positioning guide following K-Wire insertion. If desired, the selected plate may then be applied to bone directly over the wires.

The plate sits along the lateral aspect of the proximal tibia. A 5° posterior tilt aligns the proximal row of screws with the contour of the lateral tibial condyle. Plate coverage extending down the shaft is maximised by a 3° sagittal curve in the plate's proximal segment. A proximal row of scallops facilitates external lag screw placement without compromising plate position.

Provisionally fix the plate to bone using K-Wires, Ball Spike Reduction Clamps and/or Provisional Fixation Pins and proceed with screw insertion as desired.



*The positioning guides are left/right specific

3.5mm Posteromedial Proximal Tibia

Patient Positioning

Place the patient in the supine position on a radiolucent table. Confirm unimpeded AP and lateral visualisation of the proximal tibia under fluoroscopy.

Plate Selection

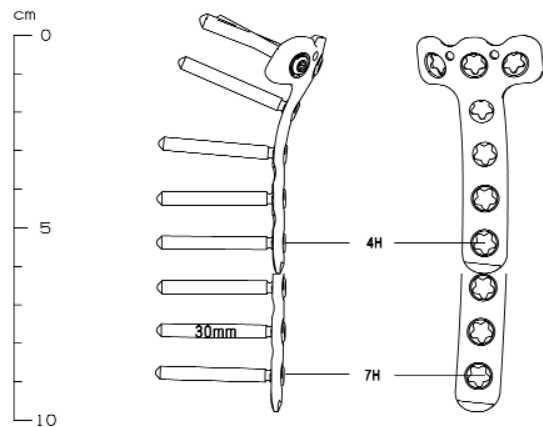
Following fracture reduction, select the 3.5mm Posteromedial Proximal Tibia Locking Plate that best accommodates patient anatomy and fracture pattern.

Note The PERI-LOC® VLP 3.5mm Posteromedial Proximal Tibia Locking Plate Preoperative Template (7118-1196) is available to assist with pre-operative radiographic planning.

Plate Positioning

The plate sits along the posteromedial aspect of the proximal tibia. Scallops at the top of the plate facilitate lag screw placement for joint surface reconstruction without compromising plate position.

Provisionally fix the plate to bone using K-Wires, Ball Spike Reduction Clamps and/or Provisional Fixation Pins and proceed with screw insertion as desired.



PERI-LOC VLP 3.5mm Posteromedial Proximal Tibia Locking Plate Preoperative Template
Cat. No. 7118-1196



3.5mm Medial Distal Tibia

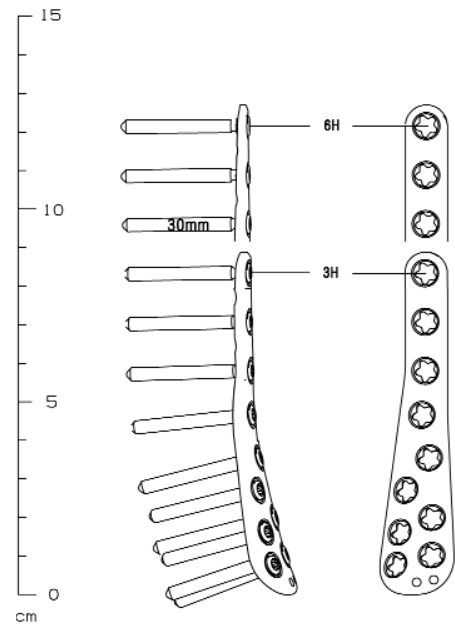
Patient Positioning

Place the patient in the supine position on a radiolucent table. Confirm unimpeded AP and lateral visualisation of the distal tibia under fluoroscopy.

Plate Selection

Following fracture reduction, select the 3.5mm Medial Distal Tibia Locking Plate that best accommodates patient anatomy and fracture pattern.

Note The PERI-LOC® VLP 3.5mm Medial Distal Tibia Locking Plate Preoperative Template (7118-1181) is available to assist with pre-operative radiographic planning.

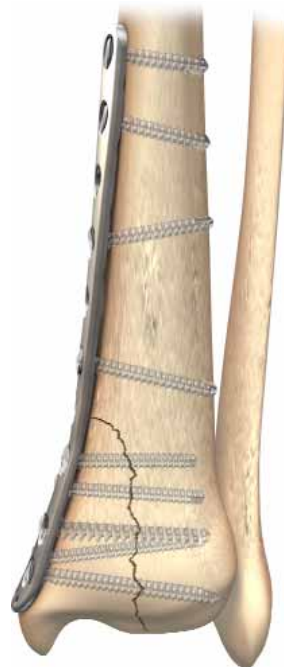


PERI-LOC VLP 3.5mm Medial Distal Tibia Locking Plate
Preoperative Template
Cat. No. 7118-1181

Plate Positioning

The plate sits along the medial aspect of the distal tibia with the distal most screw holes positioned just superior to the plafond.

Provisionally fix the plate to bone using K-Wires, Ball Spike Reduction Clamps, Reduction Forceps and/or Provisional Fixation Pins and proceed with screw insertion as desired.



3.5mm Anterior Distal Tibia

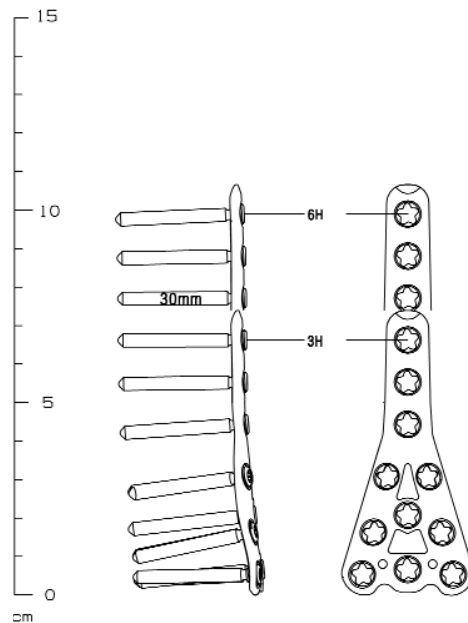
Patient Positioning

Place the patient in the supine position on a radiolucent table. Confirm unimpeded AP and lateral visualisation of the distal tibia under fluoroscopy.

Plate Selection

Following fracture reduction, select the 3.5mm Anterior Distal Tibia Locking Plate that best accommodates patient anatomy and fracture pattern.

Note The PERI-LOC® VLP 3.5mm Anterior Distal Tibia Locking Plate Preoperative Template (7118-1197) is available to assist with pre-operative radiographic planning.



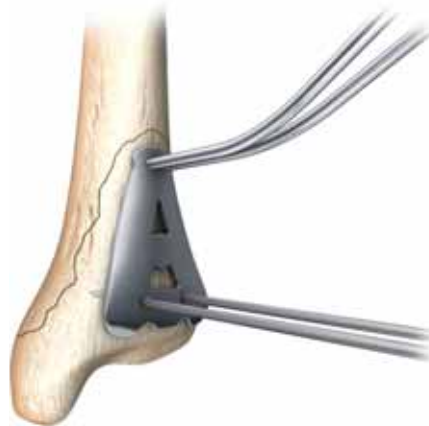
PERI-LOC VLP 3.5mm Anterior Distal Tibia Locking Plate
Preoperative Template
Cat. No. 7118-1197

Plate Positioning

The Anterior Distal Tibia Positioning Guide (7117-1218) allows visualisation of plate position and provides a template for independent lag screw placement in the distal tibia prior to plate application. 1.6mm x 150mm K-Wires can be inserted through the two distal holes in the guide to aid with provisional fixation and fracture reduction. Remove the positioning guide following K-Wire insertion. If desired, the selected plate may then be applied to bone directly over the wires.

The plate sits along the anterior aspect of the distal tibia with its distal tip resting just superior to the tibial plafond. Distal scallops facilitate lag screw placement without compromising plate position.

Provisionally fix the plate to bone using K-Wires, Ball Spike Reduction Clamps, Reduction Forceps and/or Provisional Fixation Pins and proceed with screw insertion as desired.



3.5mm Posterior Distal Tibia

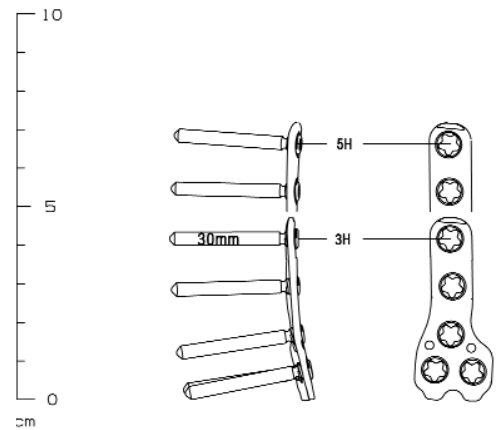
Patient Positioning

Place the patient in the prone position on a radiolucent table. Confirm unimpeded AP and lateral visualisation of the distal tibia under fluoroscopy.

Plate Selection

Following fracture reduction, select the 3.5mm Posterior Distal Tibia Locking Plate that best accommodates patient anatomy and fracture pattern.

Note The PERI-LOC® VLP 3.5mm Posterior Distal Tibia Locking Plate Preoperative Template (7118-1198) is available to assist with pre-operative radiographic planning.



PERI-LOC VLP 3.5mm Posterior Distal Tibia Locking Plate
Preoperative Template
Cat. No. 7118-1198

Plate Positioning

The plate sits along the posterior aspect of the distal tibia with its distal tip resting just superior to the tibial plafond. Distal scallops facilitate lag screw placement without compromising plate position.

Provisionally fix the plate to bone using K-Wires, Ball Spike Reduction Clamps, Reduction Forceps and/or Provisional Fixation Pins and proceed with screw insertion as desired.



Screw Insertion

Determine which screws are most appropriate for fracture fixation. A combination of 2.7mm Cortex, 3.5mm Cortex, 3.5mm Locking and 5.0mm Osteopenia Screws may be used.

3.5mm Cortex Screw

Insert the Universal Drill Guide Handle (7117-1222) with 2.7mm Drill Guide (7117-1227) into the desired screw hole and drill accordingly with the 2.7mm drill. Depending upon plate selection and location, either the Short 2.7mm Drill (7117-3502) or Long 2.7mm Drill (7117-3503) will be used.

Note The 2.7mm x 3.5mm Drill Guide (7117-1225) is available for independent lag screw placement. The 3.5mm Drill Guide (7117-1226) may be used with the Universal Drill Guide Handle for lag screw placement through the plate.

Measure for screw length by reading the exposed calibrations off the drill or by using the depth gauge. Depending upon the drill bit used, either the Standard Depth Gauge (7117-1231) or the Long Depth Gauge (7117-1232) will be required.

Note An additional 50mm must be added to the length of the screw when using the 2.7mm x 3.5mm Drill Guide with the Long 2.7mm Drill Bit as the drill bit is not calibrated to the drill guide. For screws shorter than 50mm in length, use the Standard Depth Gauge.

Insert the appropriate length 3.5mm Self-Tapping Cortex Screw using the 2.5mm Hex Screwdriver (7117-0029).



3.5mm Locking Screw and 5.0mm Osteopenia Screw

Insert the Universal Drill Guide Handle with 2.7mm Variable Angle Drill Guide (7117-1219) into the desired screw hole. The drill guide is correctly aligned when its star-shaped tip engages with the five tabs in the hole. Adjust screw trajectory by rotating the tip of the variable angle drill guide 360° within the plate hole and up to 15° in any direction. Drill accordingly with either the Short or Long 2.7mm Drill Bit depending upon plate type and location.

Note The 2.7mm x 3.5mm Drill Guide is available for placement of a 5.0mm Osteopenia screw outside the plate. If inserting a 5.0mm Osteopenia screw through the plate as a lag screw, the 2.7mm Variable Angle Drill Guide should be used.

Measure for screw length by reading the exposed calibrations off the drill or by using the depth gauge. Depending upon the drill used, either the Standard or Long Depth Gauge will be required.

Note An additional 50mm must be added to the length of the screw when using the 2.7mm x 3.5mm Drill Guide with the Long 2.7mm Drill Bit as the drill bit is not calibrated to the drill guide. For screws shorter than 50mm in length, use the Standard Depth Gauge.

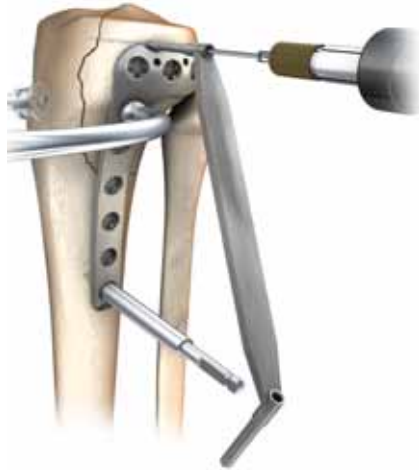
Insert the appropriate length 3.5mm Self-Tapping Locking Screw using the 1.7Nm Torque Limiting Screwdriver* (7117-1238) and 2.5mm Hexdriver Shaft (7117-0033, 7117-0169). Usage of the torque limiting screwdriver will prevent over-insertion of the locking screw through the star-shaped plate hole. For insertion of a 5.0mm Osteopenia screw, the 2.5mm Hex Screwdriver is used.



*The 1.7Nm Torque Limiting Screwdriver should be calibrated every six months to ensure optimal instrument performance

2.7mm Cortex Screw

Position the 2.0mm x 2.7mm Drill Guide (7117-1224) on bone in the desired location and drill accordingly with the 2.0mm drill. The location of the 2.7mm Cortex Screw on bone determines whether the Long 2.0mm Drill Bit (7117-3501) or 2.0mm Drill Bit w/Quick Connect (7117-3588) will be used.



Measure for screw length by reading the exposed calibrations off the drill or by using either the Standard or Long Depth Gauge.

Note An additional 50mm must be added to the length of the screw when using the 2.0mm x 2.7mm Drill Guide with the Long 2.0mm Drill Bit as the drill bit is not calibrated to the drill guide. For screws shorter than 50mm in length, use the Standard Depth Gauge.



Insert the appropriate length 2.7mm Self-Tapping Cortex Screw using the 2.5mm Hex Screwdriver.

Note The 2.7mm Cortex Screw cannot be inserted into any of the PERI-LOC® VLP Locking Plates due to its smaller head size. It is used for low profile fracture reduction and fixation external to the plate.



Stripped Hex Screw Removal

Attach the Screw Extractor* (7117-1237) to the Tear Drop Screwdriver Handle (7117-3543) and insert into the recess of the screw. Turn the extractor assembly counterclockwise to remove the screw. The Screw Extractor is compatible with all PERI-LOC VLP screws.

*Located in the PERI-LOC VLP Instrument Tray

Closure

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



Catalogue Information



PERI-LOC® VLP Instrument Set

Set No. 7181-2301

Instrument Case

Cat. No.	Description
7117-0404	PERI-LOC VLP Instrument Tray
7117-0410	PERI-LOC VLP Instrument Tray Lid
7117-0396	PERI-LOC VLP Drill Caddy

Instruments

Cat. No.	Description	Qty	Cat. No.	Description	Qty
7117-0043	Sharp Hook	1	7117-3543	Tear Drop Screwdriver Handle	1
7117-3369	Hohmann Retractor Bent	2	7117-1238	1.7Nm Torque Limiting Screwdriver	1
7117-0057	Hohmann Retractor Bent 8mm	2	7117-0029	2.5mm Hex Screwdriver, Small	1
7117-0095	Hohmann Retractor Bent 15mm	2	7117-0031	Holding Sleeve	1
7117-0097	Periosteal Elevator, 6mm Curved	1	7117-1224	2.0mm X 2.7mm Drill Guide	1
7117-0063	Wire Bending Pliers, 140mm	1	7117-1225	2.7mm X 3.5mm Drill Guide	1
7117-3377	Reduction Forceps Broad	2	7117-1226	3.5mm Drill Guide	1
7117-3378	Reduction Forceps Serrated Jaws	2	7117-1227	2.7mm Drill Guide	1
7117-1219	2.7mm Variable Angle Drill Guide	1	7117-1237	Screw Extractor	1
7117-1222	Universal Drill Guide Handle with Quick Connect	1	7117-1233	Plate Bending Irons	2
7117-1231	Standard Depth Gauge (6mm – 55mm)	1	7117-3344	3.5mm Countersink	1
7117-1232	Long Depth Gauge (6mm – 110mm)	1	7117-0033	2.5mm Hexdriver Shaft – 100mm	2
7117-3528	AO – Trinkle	1	7117-0169	2.5mm Hexdriver Shaft – 165mm	1

VLP Disposable Set

Set No. 7181-2302

Cat. No.	Description	Qty	Cat. No.	Description	Qty
7116-1012	1.25mm X 150mm K-wire	6	7117-3501	Long 2.0mm Drill Bit, 190mm	1
7116-1016	1.6mm X 150mm K-wire	6	7117-3502	Short 2.7mm Drill Bit, 155mm	2
7116-1020	2.0mm X 150mm K-wire	6	7117-3503	Long 2.7mm Drill Bit, 228mm	2
7117-1228	2.7mm X 14mm PF Pin	2	7117-3504	3.5mm Drill Bit, 155mm	2
7117-1229	2.7mm X 25mm PF Pin	2	7117-3366	2.7mm Tap	1
7117-1230	2.7mm X 40mm PF Pin	2	7117-3318	3.5mm Tap	1
7117-3588	2.0mm Drill Bit w/Quick Connect, 157mm	1			



PERI-LOC® Periarticular Forceps Set

Set No. 7181-2300

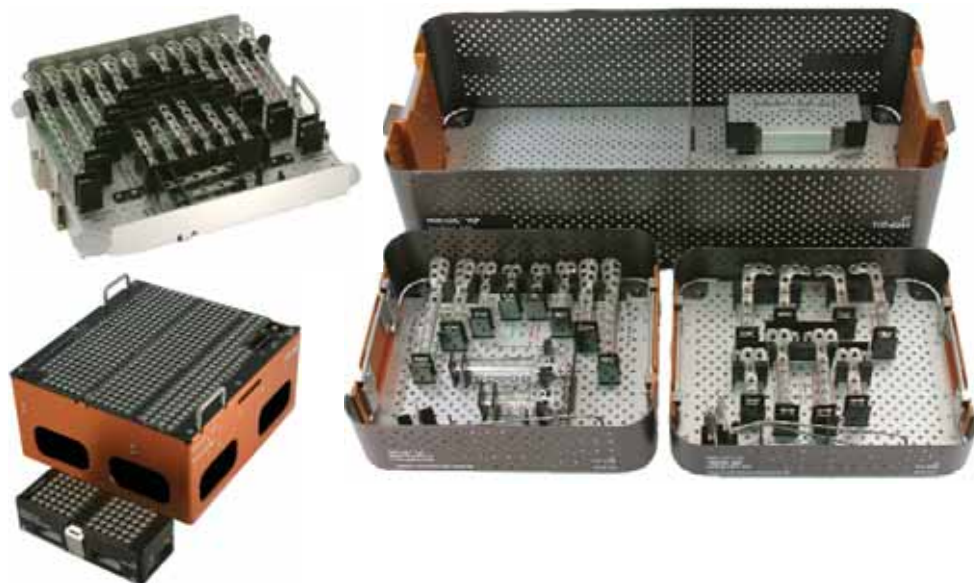
Instrument Case

Cat. No.	Description
7117-0411	PERI-LOC Periarticular Forceps Tray
7117-0412	PERI-LOC Periarticular Forceps Tray Lid

Instruments

Cat. No.	Description	Qty	Cat. No.	Description	Qty
7117-1210	Ball Spike Pusher	1	7117-0044	Reduction Forceps, w/ Ratchet 205mm	1
7117-1212	Ball Spike Reduction Clamp, Medium	1	7117-3370	Reduction Forceps, w/ Bowed Ratchet 205mm	1
7117-1213	Ball Spike Reduction Clamp, Large	1	7117-3377	Reduction Forceps Broad	2
7117-1220	15mm Spiked Washer	2	7117-3378	Reduction Forceps Serrated Jaws	2
7117-1221	25mm Spiked Washer	2			
7117-1211	Fibula Clamp	1			

Catalogue Information



PERI-LOC® VLP Implant Set

Set No. 7181-2200

Instrument Case

Cat. No.	Description	Cat. No.	Description
7117-0394	PERI-LOC VLP Implant Tray	7117-0402	PERI-LOC VLP Screw Caddy
7117-0406	PERI-LOC VLP Implant Tray Lid	7117-0408	PERI-LOC VLP Screw Caddy Lid
7117-0413	PERI-LOC VLP Proximal Tibia Locking Plate Tray	7117-0417	PERI-LOC VLP Auxiliary Screw Caddy
7117-0414	PERI-LOC VLP Proximal Tibia Locking Plate Tray Lid	7117-0418	PERI-LOC VLP Auxiliary Screw Caddy Lid
7117-0415	PERI-LOC VLP Distal Tibia/Fibula Locking Plate Tray		
7117-0416	PERI-LOC VLP Distal Tibia/Fibula Locking Plate Tray Lid		

Instruments

Cat. No.	Description	Qty
7117-1216	Lateral Proximal Tibia Positioning Guide, Right	1
7117-1217	Lateral Proximal Tibia Positioning Guide, Left	1
7117-1218	Anterior Distal Tibia Positioning Guide	1
7117-0002	Screw Forcep	1

Implants

3.5mm Posteromedial Proximal Tibia Locking Plates

Cat. No.	Description	Length	Cat. No.	Description	Length
7280-0104	4H, Left	64mm	7280-0204	4H, Right	64mm
7280-0107	7H, Left	98mm	7280-0207	7H, Right	98mm

3.5mm Lateral Proximal Tibia Locking Plates

Cat. No.	Description	Length	Cat. No.	Description	Length
7280-0304	4H, Left	68mm	7280-0404	4H, Right	68mm
7280-0306	6H, Left	93mm	7280-0406	6H, Right	93mm

3.5mm Posterior Distal Tibia Locking Plates

Cat. No.	Description	Length	Cat. No.	Description	Length
7280-0203	3H, Left	47mm	7280-0303	3H, Right	47mm
7280-0205	5H, Left	72mm	7280-0305	5H, Right	72mm

3.5mm Anterior Distal Tibia Locking Plates

Cat. No.	Description	Length
7280-0503	3H	74mm
7280-0506	6H	107mm

3.5mm Medial Distal Tibia Locking Plates

Cat. No.	Description	Length	Cat. No.	Description	Length
7280-0603	3H, Left	89mm	7280-0703	3H, Right	89mm
7280-0606	6H, Left	127mm	7280-0706	6H, Right	127mm

3.5mm Posterolateral Distal Fibula Locking Plates

Cat. No.	Description	Length	Cat. No.	Description	Length
7280-0805	5H, Left	62mm	7280-0905	5H, Right	62mm
7280-0806	6H, Left	74mm	7280-0906	6H, Right	74mm
7280-0807	7H, Left	86mm	7280-0907	7H, Right	86mm

Catalogue Information

3.5mm Lateral Distal Fibula Locking Plates

Cat. No.	Description	Length	Cat. No.	Description	Length
7280-1003	3H, Left	59mm	7280-2003	3H, Right	59mm
7280-1004	4H, Left	71mm	7280-2004	4H, Right	71mm
7280-1005	5H, Left	83mm	7280-2005	5H, Right	83mm
7280-1007	7H, Left	107mm	7280-2007	7H, Right	107mm
7280-1009	9H, Left	131mm	7280-2009	9H, Right	131mm
7280-1011	11H, Left	155mm	7280-2011	11H, Right	155mm

3.5mm One-Third Locking Tubular Plates

Cat. No.	Description	Length	Cat. No.	Description	Length
7280-3005	5H	62mm	7280-3008	8H	98mm
7280-3006	6H	74mm	7280-3010	10H	122mm
7280-3007	7H	86mm	7280-3012	12H	146mm

2.7mm Self-Tapping Cortex Screws

Cat. No.	Length	Cat. No.	Length
7180-3010	10mm	7180-3036	36mm
7180-3012	12mm	7180-3038	38mm
7180-3014	14mm	7180-3040	40mm
7180-3016	16mm	7180-3042	42mm
7180-3018	18mm	7180-3044	44mm
7180-3020	20mm	7180-3046	46mm
7180-3022	22mm	7180-3048	48mm
7180-3024	24mm	7180-3050	50mm
7180-3026	26mm	7180-3055	55mm
7180-3028	28mm	7180-3060	60mm
7180-3030	30mm	7180-3065	65mm
7180-3032	32mm	7180-3070	70mm
7180-3034	34mm		

2.7mm Cortex Screws (Non Self-Tapping)

Cat. No.	Length	Cat. No.	Length
7180-3310*	10mm	7180-3318*	18mm
7180-3312*	12mm	7180-3320*	20mm
7180-3314*	14mm	7180-3322*	22mm
7180-3316*	16mm		

*Optional screws

3.5mm Self-Tapping Locking Screws

Cat. No.	Length
7180-1206	6mm
7180-1208	8mm
7180-1210	10mm
7180-1212	12mm
7180-1214	14mm
7180-1216	16mm
7180-1218	18mm
7180-1220	20mm
7180-1222	22mm
7180-1224	24mm
7180-1226	26mm
7180-1228	28mm

Cat. No.	Length
7180-1230	30mm
7180-1232	32mm
7180-1234	34mm
7180-1236	36mm
7180-1238	38mm
7180-1240	40mm
7180-1242	42mm
7180-1244	44mm
7180-1246	46mm
7180-1248	48mm
7180-1250	50mm
7180-1255	55mm

Cat. No.	Length
7180-1260	60mm
7180-1265	65mm
7180-1270	70mm
7180-1275	75mm
7180-1280	80mm
7180-1285	85mm
7180-1290	90mm
7180-1295	95mm
7180-1296	100mm
7180-1297	105mm
7180-1298	110mm

3.5mm Self-Tapping Cortex Screws

Cat. No.	Length
7180-1306	6mm
7180-1308	8mm
7180-1310	10mm
7180-1312	12mm
7180-1314	14mm
7180-1316	16mm
7180-1318	18mm
7180-1320	20mm
7180-1322	22mm
7180-1324	24mm
7180-1326	26mm
7180-1328	28mm

Cat. No.	Length
7180-1330	30mm
7180-1332	32mm
7180-1334	34mm
7180-1336	36mm
7180-1338	38mm
7180-1340	40mm
7180-1342	42mm
7180-1344	44mm
7180-1346	46mm
7180-1348	48mm
7180-1350	50mm
7180-1355	55mm

Cat. No.	Length
7180-1360	60mm
7180-1365	65mm
7180-1370	70mm
7180-1375	75mm
7180-1380	80mm
7180-1385	85mm
7180-1390	90mm
7180-1395	95mm
7180-1396	100mm
7180-1397	105mm
7180-1398	110mm

3.5mm Cortex Screws (Non Self-Tapping)

Cat. No.	Length
7180-3510*	10mm
7180-3512*	12mm
7180-3514*	14mm
7180-3516*	16mm

Cat. No.	Length
7180-3518*	18mm
7180-3520*	20mm
7180-3522*	22mm

*Optional screws

Catalogue Information

5.0mm Osteopenia Screws, Fully Threaded

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7180-2010	10mm	7180-2034	34mm	7180-2070	70mm
7180-2012	12mm	7180-2036	36mm	7180-2075	75mm
7180-2014	14mm	7180-2038	38mm	7180-2080	80mm
7180-2016	16mm	7180-2040	40mm	7180-2085	85mm
7180-2018	18mm	7180-2042	42mm	7180-2090	90mm
7180-2020	20mm	7180-2044	44mm	7180-2095	95mm
7180-2022	22mm	7180-2046	46mm	7180-2096	100mm
7180-2024	24mm	7180-2048	48mm	7180-2097	105mm
7180-2026	26mm	7180-2050	50mm	7180-2098	110mm
7180-2028	28mm	7180-2055	55mm		
7180-2030	30mm	7180-2060	60mm		
7180-2032	32mm	7180-2065	65mm		

5.0mm Osteopenia Screws, Partially Threaded

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7180-1126	26mm	7180-1144	44mm	7180-1180	80mm
7180-1128	28mm	7180-1146	46mm	7180-1185	85mm
7180-1130	30mm	7180-1148	48mm	7180-1190	90mm
7180-1132	32mm	7180-1150	50mm	7180-1195	95mm
7180-1134	34mm	7180-1155	55mm	7180-1196	100mm
7180-1136	36mm	7180-1160	60mm	7180-1197	105mm
7180-1138	38mm	7180-1165	65mm	7180-1198	110mm
7180-1140	40mm	7180-1170	70mm		
7180-1142	42mm	7180-1175	75mm		

Washer, 7.0mm Outer Diameter

Cat. No. 7114-3107

Notes

Notes



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