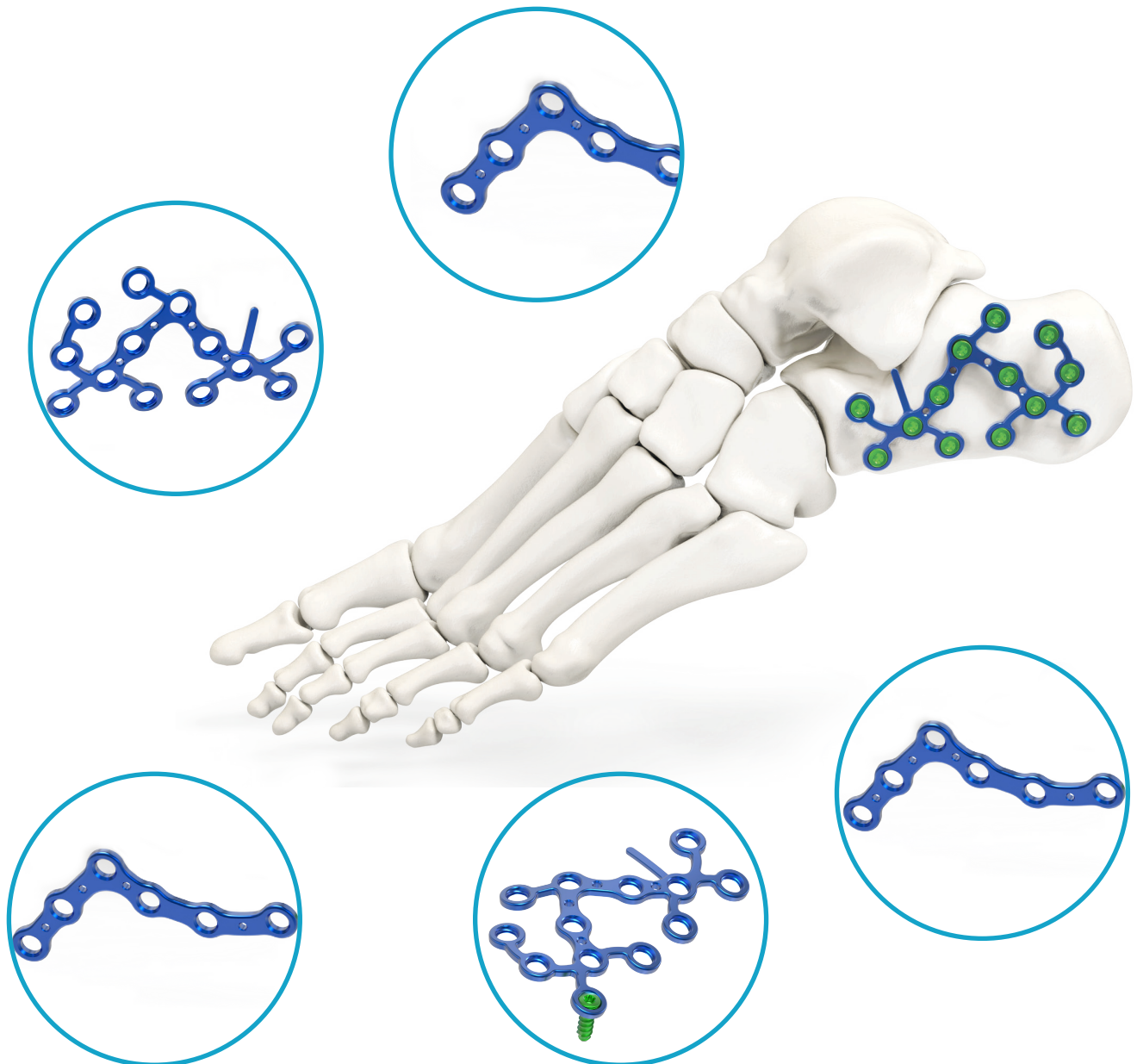


CALCANEAL

Locking Plate System



HNM
TOTAL RECON



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CALCANEUS

LOCKING PLATE

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HNM Total Recon is committed in providing surgeons and health care professionals with advanced surgical solutions for effective and time-saving treatment of their patients. Our most important task is meeting surgeons' needs. We accomplish this by creating key partnerships and driving innovative product development.





HNM CALCANEUS LOCKING PLATE

INDICATIONS

is intended for use in internal fixation, reconstruction or arthrodesis of small bones including the fore, mid- and hind foot and ankle. Examples of these procedures may include but are not limited replantation, lag screw technique, joint fusions, corrective osteotomies, and the treatment of fractures.

PRODUCT OVERVIEW

Screw Specifications

Plates	Outer Diameter	Length	Insertion Types	Screw Head	Material
Locking screws Cortical Screws (Non-Locking)	Ø3.5mm	10 - 50mm	Self-Tapping	Green Silver	Titanium Alloy

Plate Specifications

Types		Thickness	Length	Holes on the shaft	Color	Material
LINK	Small	1.8mm	59.5mm	40.6mm	Blue ●	Pure Titanium Gr.4
	Medium		63.5mm			
	Large		67.5mm			
	Ex-Large		71.5mm			
MIPO	Small	1.8mm	52.0mm	24.0mm	Blue ●	Pure Titanium Gr.4
	Medium		55.5mm	25.0mm		
	Large		59.0mm	26.0mm		
	Ex-Large		62.5mm	27.0mm		

Materials of Implants:

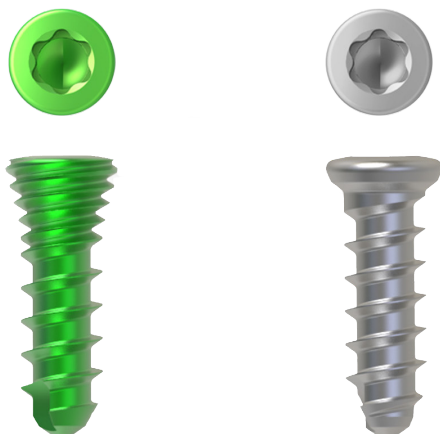
All plates are made from pure titanium material in conformity with ASTM F67.

All screws are made from titanium alloy material in conformity with ASTM F136.

The titanium is an ideal material for implant. It is biocompatible, corrosion resistant, and non-toxic in biological environment.



SCREW HEAD



Hexalobular
Internal(T10)
Better Cam-Out
Resistance, Higher
Torque Allowance

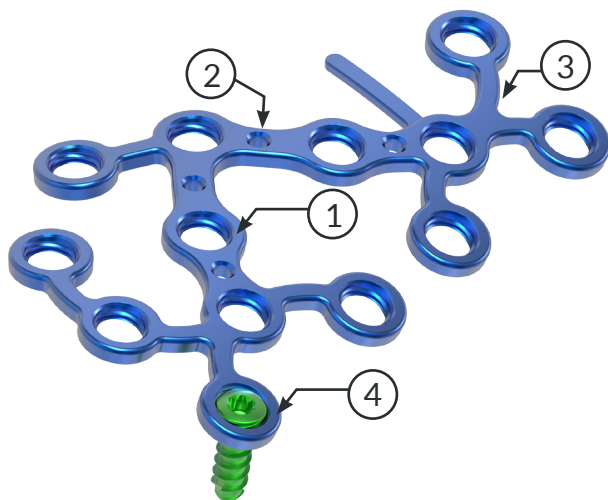
SCREW OPTIONS

Self-tapping Locking Screws : 10mm ~ 50mm

Self-tapping Cortical Screws(Non-Locking) : 10mm ~ 50mm

Outer Diameter : 3.5mm

FEATURES & BENEFITS



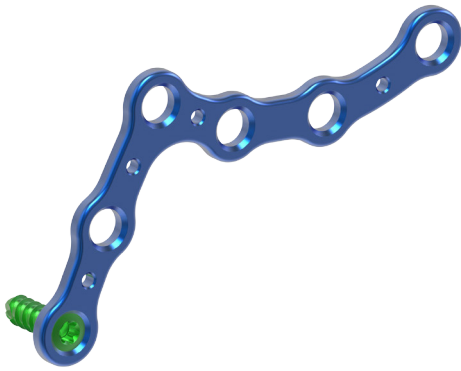
CALCANEUS PLATE

Anatomical & User Friendly

1. Pre-Contoured Design for Better Anatomical Fitting
2. Guide Pin Hole for Plate Positioning and Temporary Fixation
3. Link Type Hole Bridge for easier Plate Bending
4. Variable Locking Hole with screw Insertion angle up to 15°

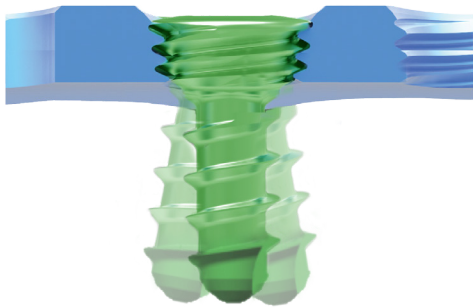


CALCANEUS PLATE FOR SINUS TARSI APPROACH

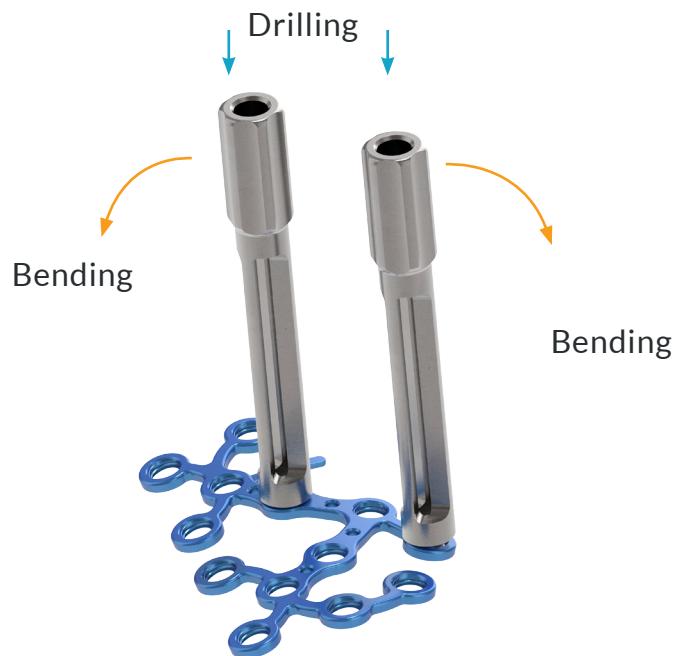
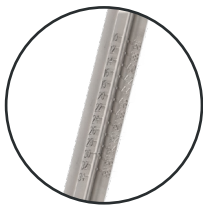


Calcaneal Fracture Fixation with Minimal Invasive Plating, Smaller Incision and better Outcomes.

POLY-AXIAL LOCKING SYSTEM



The poly-axial holes of the plates accept locking or cortical screws as the surgery requires. Both locking screws and cortical screws can be inserted at $\pm 15^\circ$ angles in any direction with respect to the plate.



The Locking plate and screw system provides more stable fixation than conventional plate and screw systems. Locking screws will not become loose from the plate during the healing process. Locking screws do not rely on bone to plate compression. A fixed angle construct can be created by using locking screws in osteopenic bone or multifragmentary fractures where secure bone purchase with conventional screws may be compromised.



HNM CALCANEAL PLATES (LINK TYPE)

Ordering Information



35L-CLCC-012-L

- MIPO Type / Small / Left
- Length : 59.5mm
- Width : 38.6mm
- Holes : 12 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-005-R

- Link Type / Small / Right
- Length : 59.5mm
- Width : 38.6mm
- Holes : 12 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-113-L

- Link Type / Medium / Left
- Length : 63.5mm
- Width : 39.6mm
- Holes : 13 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-106-R

- Link Type / Medium / Right
- Length : 63.5mm
- Width : 39.6mm
- Holes : 13 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-213-L

- Link Type / Large / Left
- Length : 67.5mm
- Width : 40.6mm
- Holes : 13 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-213-R

- Link Type / Large / Right
- Length : 67.5mm
- Width : 40.6mm
- Holes : 13 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-313-L

- Link Type / Ex-Large / Left
- Length : 71.5mm
- Width : 41.6mm
- Holes : 13 Holes
- Thickness: 1.8mm
- Color: Blue



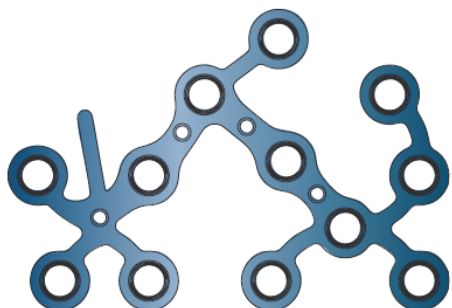
35L-CLCC-313-R

- Link Type / Ex-Large / Right
- Length : 71.5mm
- Width : 41.6mm
- Holes : 13 Holes
- Thickness: 1.8mm
- Color: Blue



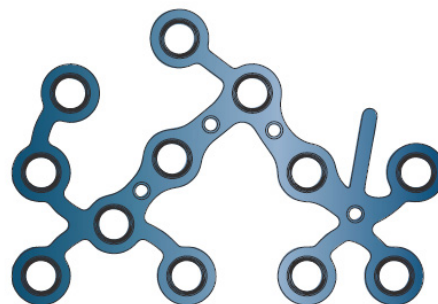
HNM CALCANEAL PLATES (MIPO TYPE)

Ordering Information



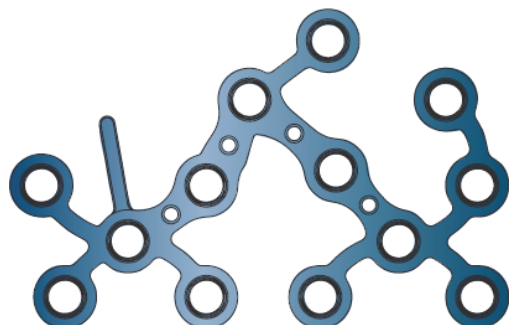
35M-CLCC-005-L

- MIPO Type / Small / Left
- Length : 52.0mm
- Width : 24.0mm
- Holes : 5 Holes
- Thickness: 1.8mm
- Color: Blue



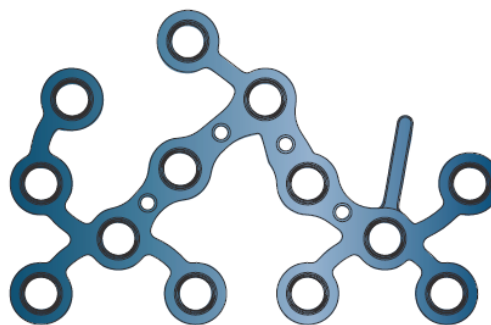
35L-CLCC-012-R

- MIPO Type / Small / Right
- Length : 52.0mm
- Width : 24.0mm
- Holes : 5 Holes
- Thickness: 1.8mm
- Color: Blue



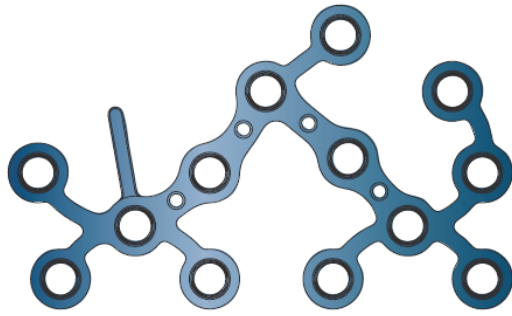
35L-CLCC-113-L

- MIPO Type / Medium / Left
- Length : 55.5mm
- Width : 25.0mm
- Holes : 6 Holes
- Thickness: 1.8mm
- Color: Blue



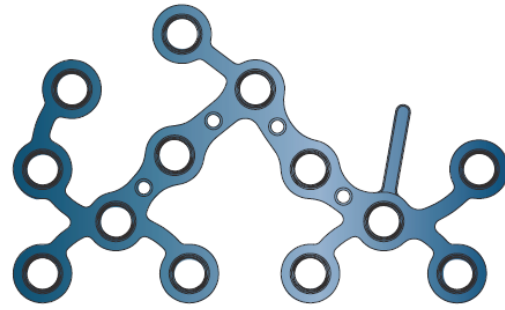
35L-CLCC-113-R

- MIPO Type / Small / Right
- Length : 55.5mm
- Width : 25.0mm
- Holes : 6 Holes
- Thickness: 1.8mm
- Color: Blue



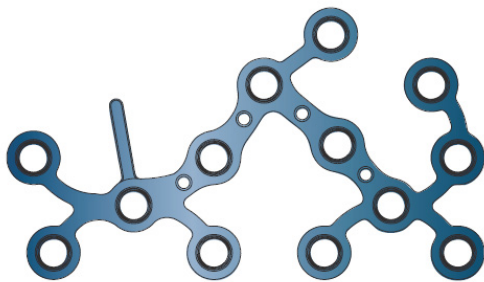
35L-CLCC-213-L

- MIPO Type / Large / Left
- Length : 59.0mm
- Width : 26.0mm
- Holes : 6 Holes
- Thickness: 1.8mm
- Color: Blue



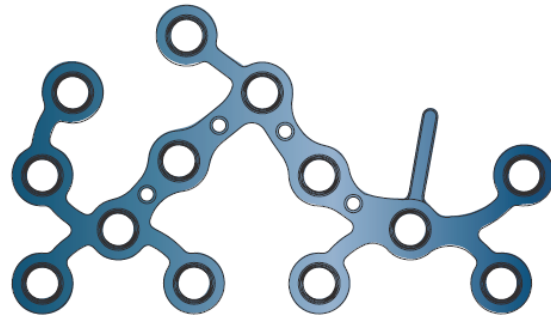
35L-CLCC-213-R

- MIPO Type / Large / Right
- Length : 59.0mm
- Width : 26.0mm
- Holes : 6 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-313-L

- MIPO Type / Ex-Large / Left
- Length : 62.5mm
- Width : 27.0mm
- Holes : 6 Holes
- Thickness: 1.8mm
- Color: Blue



35L-CLCC-313-R

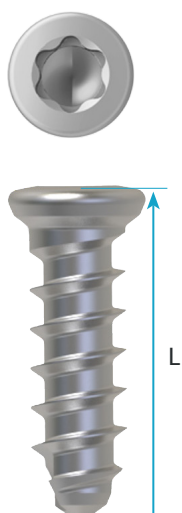
- MIPO Type / Ex-Large / Right
- Length : 62.5mm
- Width : 27.0mm
- Holes : 6 Holes
- Thickness: 1.8mm
- Color: Blue



HNMM CALCANEAL SCREWS

Ordering Information

3.5 Non-Locking Screw (Starix) Silver



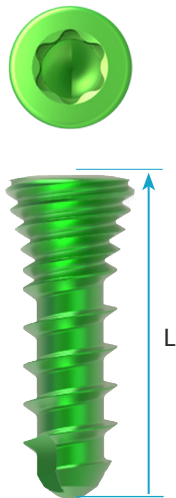
Item #	Outer Diameter (B)	Length (L)
35L-SO-L10-T		10
35L-SO-L12-T		12
35L-SO-L14-T		14
35L-SO-L16-T		16
35L-SO-L18-T		18
35L-SO-L20-T		20
35L-SO-L22-T		22
35L-SO-L24-T	ø3.5	24
35L-SO-L26-T		26
35L-SO-L28-T		28
35L-SO-L30-T		30
35L-SO-L32-T		32
35L-SO-L34-T		34
35L-SO-L36-T		36
35L-SO-L38-T		38
35L-SO-L40-T		40
35L-SO-L42-T		42
35L-SO-L44-T		44
35L-SO-L46-T		46
35L-SO-48-T		48
35L-SO-50-T		50



HNM CALCANEAL SCREWS

Ordering Information

3.5 Locking Screw (Starix) Green

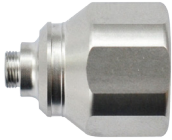


Item #	Outer Diameter (B)	Length (L)
35L-SO-L10-T		10
35L-SO-L12-T		12
35L-SO-L14-T		14
35L-SO-L16-T		16
35L-SO-L18-T		18
35L-SO-L20-T		20
35L-SO-L22-T		22
35L-SO-L24-T	ø3.5	24
35L-SO-L26-T		26
35L-SO-L28-T		28
35L-SO-L30-T		30
35L-SO-L32-T		32
35L-SO-L34-T		34
35L-SO-L36-T		36
35L-SO-L38-T		38
35L-SO-L40-T		40
35L-SO-L42-T		42
35L-SO-L44-T		44
35L-SO-L46-T		46
35L-SO-48-T		48
35L-SO-50-T		50



HNM CALCANEAL INSTRUMENTS

Ordering Information



111-140

Drill Sleeve for Ø3.5mm Variable Angle



111-144

Drill Sleeve for Ø3.5mm Uni Direction



111-143

Counter Sink for Ø2.8, Ø3.5mm



112-35-701-L

Lag Drill Bits for Ø3.5mm, AO Type, Calcaneal Plate



112-35-704

Drill Bits for Ø3.5mm, AO Type, Calcaneal Plate



112-35-704

Drill Bits for Ø3.5mm, AO Type, Calcaneal Plate



HNM CALCANEAL INSTRUMENTS

Ordering Information



111-056

Drill Guide for Ø3.5mm Calcaneal Plate



111-086

Depth gauge for Ø2.8, Ø3.5mm



114-009

Grasping Forceps



111-063

Screwdriver Handle



111-068-3

Guide Pin Ø1.6mm

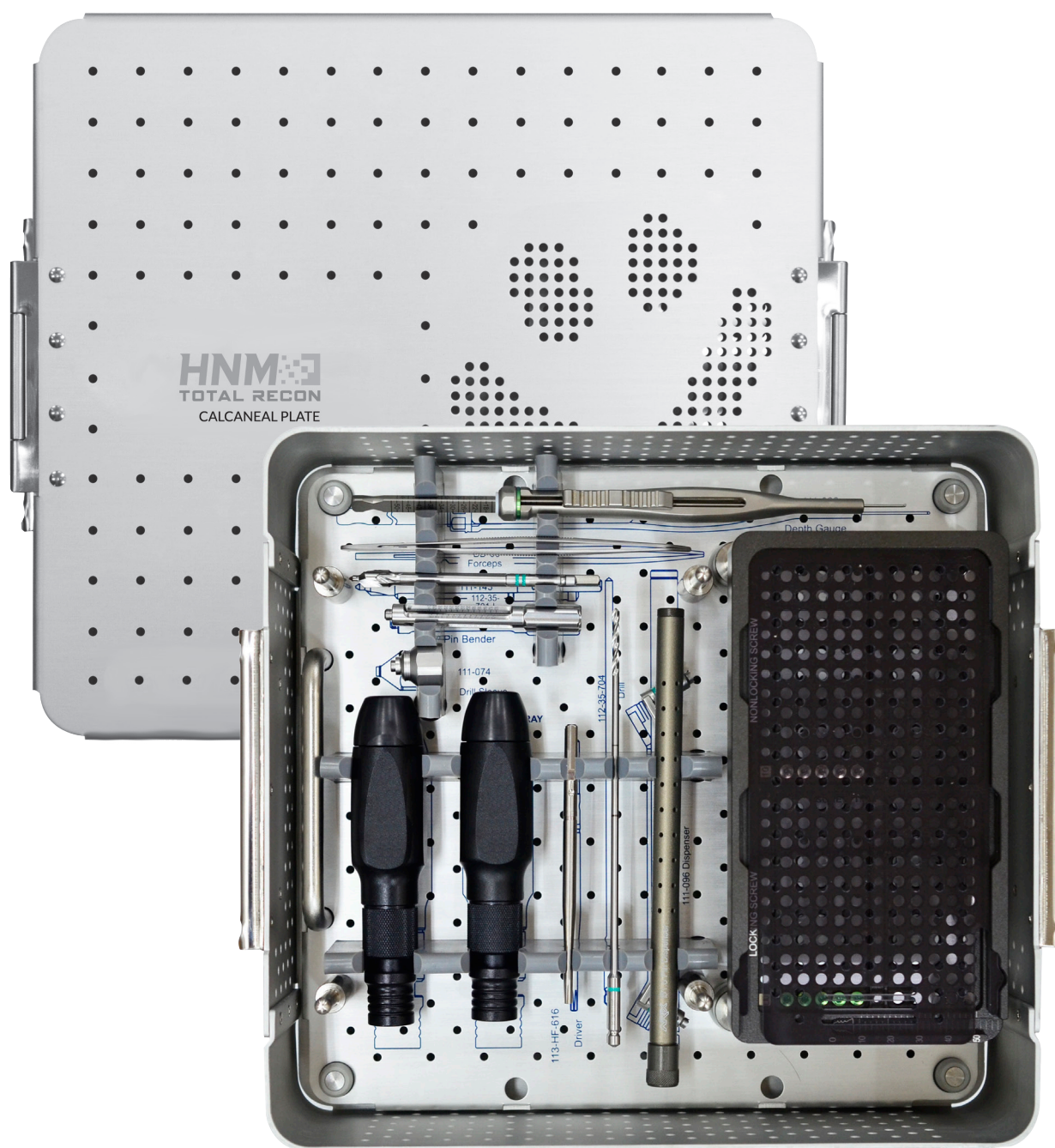


111-96

Dispenser



HNM CALCANEAL SYSTEM



112-113

HNM Calcaneal System Container

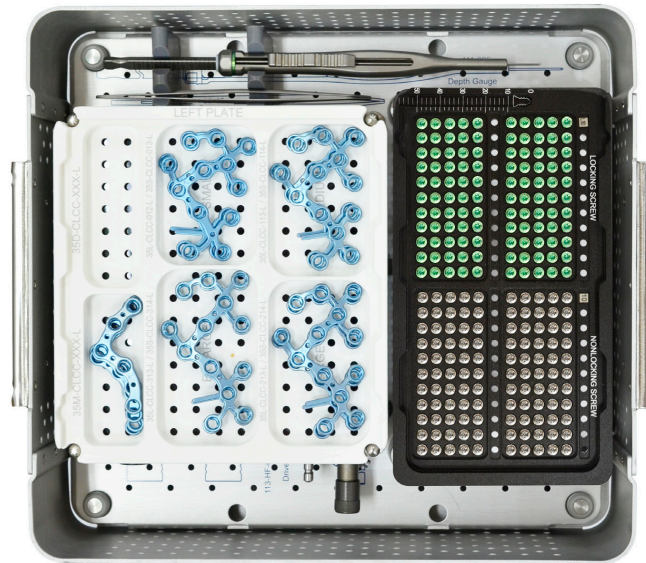


Plate Module (Right)

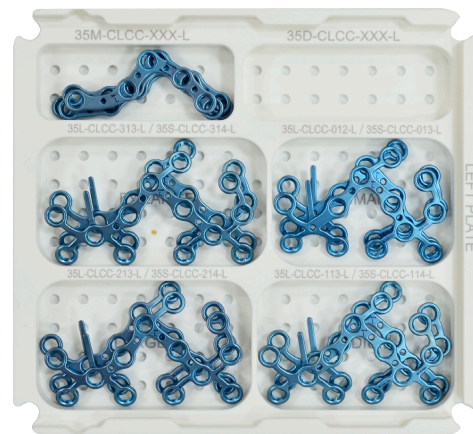
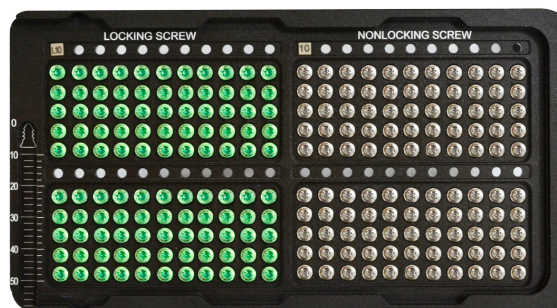


Plate Module (Left)



Screw Module



SET CONFIGURATION

Implant Screws

Non-Locking Screws

Item #	Description	Set (Qty)
35-SO-L10-T	3.5 Non-Locking Screw, Length 10mm	5
35-SO-L12-T	3.5 Non-Locking Screw, Length 12mm	5
35-SO-L14-T	3.5 Non-Locking Screw, Length 14mm	5
35-SO-L16-T	3.5 Non-Locking Screw, Length 16mm	5
35-SO-L18-T	3.5 Non-Locking Screw, Length 18mm	5
35-SO-L20-T	3.5 Non-Locking Screw, Length 20mm	5
35-SO-L22-T	3.5 Non-Locking Screw, Length 22mm	5
35-SO-L24-T	3.5 Non-Locking Screw, Length 24mm	5
35-SO-L26-T	3.5 Non-Locking Screw, Length 26mm	5
35-SO-L28-T	3.5 Non-Locking Screw, Length 28mm	5
35-SO-L30-T	3.5 Non-Locking Screw, Length 30mm	5
35-SO-L32-T	3.5 Non-Locking Screw, Length 32mm	5
35-SO-L34-T	3.5 Non-Locking Screw, Length 34mm	5
35-SO-L36-T	3.5 Non-Locking Screw, Length 36mm	5
35-SO-L38-T	3.5 Non-Locking Screw, Length 38mm	5
35-SO-L40-T	3.5 Non-Locking Screw, Length 40mm	5
35-SO-L42-T	3.5 Non-Locking Screw, Length 42mm	5
35-SO-L44-T	3.5 Non-Locking Screw, Length 44mm	5
35-SO-L46-T	3.5 Non-Locking Screw, Length 46mm	5
35-SO-L48-T	3.5 Non-Locking Screw, Length 48mm	5
35-SO-L50-T	3.5 Non-Locking Screw, Length 50mm	5

Locking Screws

Item #	Description	Set (Qty)
35-SO-L10-T	3.5 Locking Screw, Length 10mm	5
35-SO-L12-T	3.5 Locking Screw, Length 12mm	5
35-SO-L14-T	3.5 Locking Screw, Length 14mm	5
35-SO-L16-T	3.5 Locking Screw, Length 16mm	5
35-SO-L18-T	3.5 Locking Screw, Length 18mm	5
35-SO-L20-T	3.5 Locking Screw, Length 20mm	5
35-SO-L22-T	3.5 Locking Screw, Length 22mm	5
35-SO-L24-T	3.5 Locking Screw, Length 24mm	5
35-SO-L26-T	3.5 Locking Screw, Length 26mm	5
35-SO-L28-T	3.5 Locking Screw, Length 28mm	5
35-SO-L30-T	3.5 Locking Screw, Length 30mm	5
35-SO-L32-T	3.5 Locking Screw, Length 32mm	5
35-SO-L34-T	3.5 Locking Screw, Length 34mm	5
35-SO-L36-T	3.5 Locking Screw, Length 36mm	5
35-SO-L38-T	3.5 Locking Screw, Length 38mm	5
35-SO-L40-T	3.5 Locking Screw, Length 40mm	5
35-SO-L42-T	3.5 Locking Screw, Length 42mm	5
35-SO-L44-T	3.5 Locking Screw, Length 44mm	5
35-SO-L46-T	3.5 Locking Screw, Length 46mm	5
35-SO-L48-T	3.5 Locking Screw, Length 48mm	5
35-SO-L50-T	3.5 Locking Screw, Length 50mm	5

Implant Plates (Link Type)

Item #	Description	Set (Qty)
35L-CLCC-012-L	Link Type, Small, 59.5X38.6mm, Left, 1.8T	2
35L-CLCC-113-L	Link Type, Medium, 63.5X39.6mm, Left, 1.8T	2
35L-CLCC-213-L	Link Type, Large, 67.5X40.6mm, Left, 1.8T	2
35L-CLCC-313-L	Link Type, Ex-Large, 71.5X41.6mm, Left, 1.8T	2
35L-CLCC-012-R	Link Type, Small, 59.5X38.6mm, Right, 1.8T	2
35L-CLCC-113-R	Link Type, Medium, 63.5X39.6mm, Right, 1.8T	2
35L-CLCC-213-R	Link Type, Large, 67.5X40.6mm, Right, 1.8T	2
35L-CLCC-313-R	Link Type, Ex-Large, 71.5X41.6mm, Right, 1.8T	2



Implant Plates (MIPO Type)

Item #	Description	Set (Qty)
35M-CLCC-012-L	MIPO Type, Small, 52.0X24.0mm, Left, 1.8T	1
35M-CLCC-113-L	MIPO Type, Medium, 55.5X25.0mm, Left, 1.8T	1
35M-CLCC-213-L	MIPO Type, Large, 59.0X26.0mm, Left, 1.8T	1
35M-CLCC-313-L	MIPO Type, Ex-Large, 62.5X27.0mm, Left, 1.8T	1
35M-CLCC-012-R	MIPO Type, Small, 52.0X24.0mm, Right, 1.8T	1
35M-CLCC-113-R	MIPO Type, Medium, 55.5X25.0mm, Right, 1.8T	1
35M-CLCC-213-R	MIPO Type, Large, 59.0X26.0mm, Right, 1.8T	1
35M-CLCC-313-R	MIPO Type, Ex-Large, 62.5X27.0mm, Right, 1.8T	1

Instruments

Item #	Description	Set (Qty)
112-113	HNM Calcaneal System Container	1
111-140	Drill Sleeve for Ø3.5mm Variable Angle	1
111-144	Drill Sleeve for Ø3.5mm Uni Direction	2
111-143	Counter Sink for Ø2.8, Ø3.5mm	1
112-35-701-L	Lag Drill Bits for Ø3.5mm, AO Type, Calcaneal Plate	1
12-35-704	Drill Bits for Ø3.5mm, AO Type, Calcaneal Plate	2
13-HF-616	Driver for Hexalobe T10	2
111-056	Drill Guide for Ø3.5mm Calcaneal Plate	1
111-086	Depth gauge for Ø2.8, Ø3.5mm	1
114-009	Grasping Forceps	1
111-063	Screwdriver Handle	2
111-068-3	Guide Pin Ø1.6mm	1
111-096	Dispenser	1

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.



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