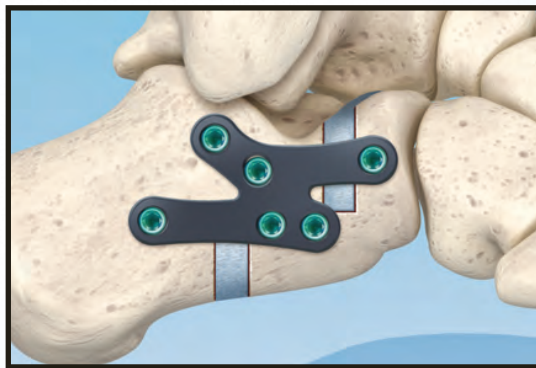


COMPREHENSIVE LOW-PROFILE CALCANEAL FIXATION SYSTEM

CoLink Cfx Z-Plasty™

Precision Flatfoot Reconstruction



Plates and Screws OR Ready, Delivered Sterile

- Anatomic Design
- Type II Anodized

www.Z-Plasty.com



A GLOBAL EXTREMITY COMPANY

CoLink® Cfx

CALCANEAL FIXATION SYSTEM

System Overview

The **CoLink® Calcaneal Fixation System** is a collection of plates and screws targeted at orthopaedic indications of the calcaneus. The system has four plate families to address traumatic fractures and osteotomies of the calcaneus. The system consists of MIS, MIS Extended, Perimeter fracture, and Z-Plasty® Osteotomy plates in various sizes to account for anatomical variations. Associated cortical

screws are 3.5mm locking and non-locking, and 4.0mm cancellous non-locking screws.

All implants are provided sterile packaged. This system utilizes a set of reusable instruments, inclusive of plate trials, for proper size determination prior to selecting the plate. The system also uses a set of single-use, sterile wires and drills to assist with implant placement.

CoLink® Cfx Plates

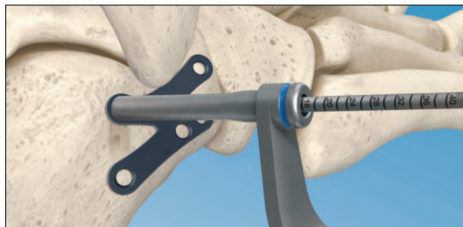


Z-Plasty® Plate

- Fixation for Z lateral column lengthening osteotomy
- Guided instrumentation for reproducible outcomes
- Left and right specific plates, in one size

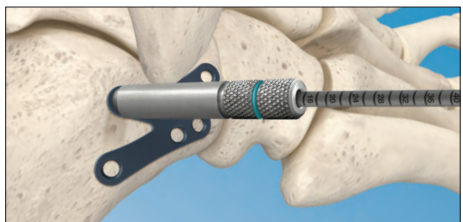
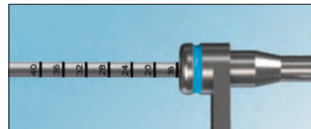


CoLink® Cfx Drill Guides



Double-ended Non-locking Guide

- Use the blue end for non-locking, off-axis, 3.5mm cortical and 4.0mm cancellous screws.
- Depth measurement with Drill laser markings or via Standard Depth Gauge



Locking Drill Guide

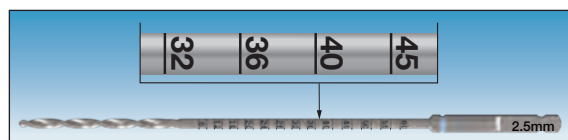
- For on-axis 3.5mm locking screws
- Depth measurement with Drill laser markings or via Standard Depth Gauge



CoLink® Cfx Screw Sizing Options

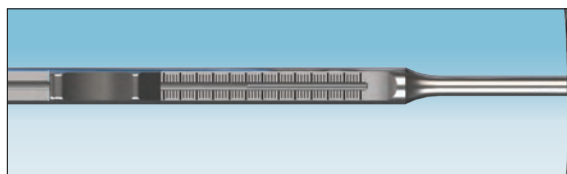
Calibrated Drill Screw Sizing

Determine the screw length from the calibrated markings on the Drill relative to the top the Drill Guide.



Depth Gauge Screw Sizing

Place the nose of the Depth Gauge into the screw hole. Hook the far cortex with the probe. Read the measurement on the Depth Gauge body for bi-cortical screw length.

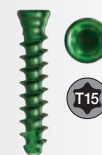


CoLink® Cfx Screws



3.5mm Locking & Non-Locking Screws

- Drill Guides = **Light Blue band**
- Depth measurement with Drill Laser Markings or via standard Depth Gauge.

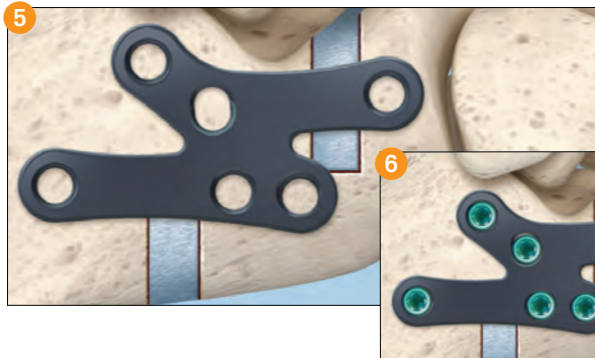
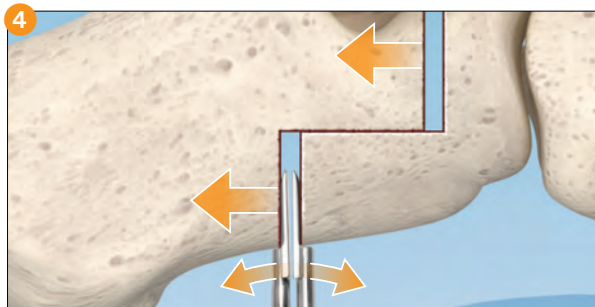
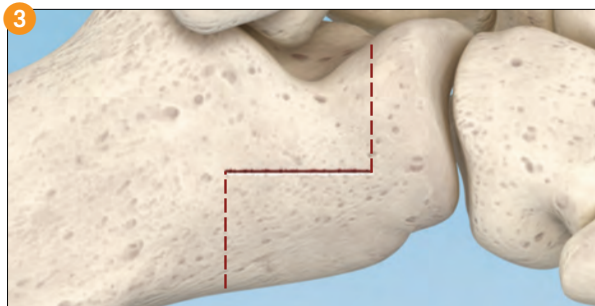
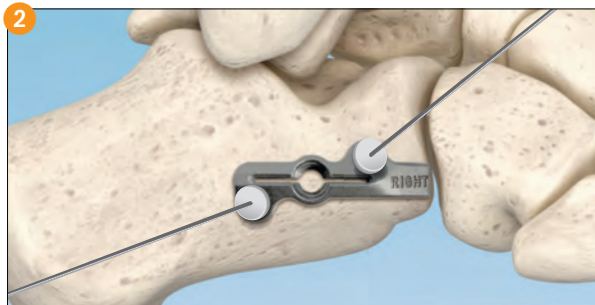
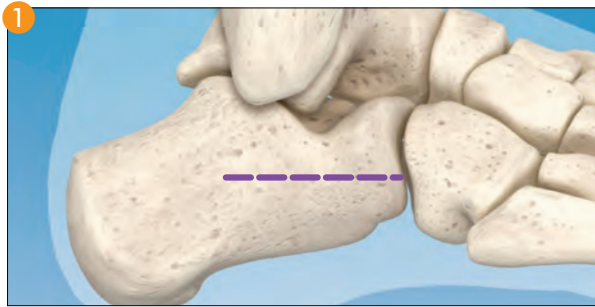


4.0mm Cancellous Screw

- Drill Guides = **Light Blue band**
- Depth measurement with Drill Laser Markings or via standard Depth Gauge.

NOTE: Non-locking screws may be placed up to 15 degrees in any direction off the center axis of the screw hole.

CoLink Cfx Z-Plasty™ Surgical Technique



Incision/Exposure

Place a lateral, linear incision over the peroneal tendons overlying the anterior body of the calcaneus from the calcaneocuboid joint to the peroneal tubercle ①. Carefully dissect, retract, and protect any neurovascular structures including the sural nerve. Expose, examine, and repair the peroneal tendons as necessary.

Expose the lateral calcaneal body for planning of the Z-osteotomy.

Z-Plasty Cutting Guide

Template the “Z” using the provided side-specific saw Cut Guide. This guide is referenced off the calcaneocuboid joint to begin the saw-cut 13 mm proximal to the joint line A.

Pin the guide in place with two Olive Wires and verify with imaging ②.

Note: Ideal placement of the guide is centered at the midline of the calcaneus.

Initial Osteotomy Cut

③ Perform the initial osteotomy via the cutting guide, as pictured, and remove the guide.

Superior/Inferior Osteotomies

Starting at the anterior-superior Olive Wire hole, make a vertical osteotomy extending from the transverse osteotomy to the superior aspect of the calcaneus.

The proximal osteotomy will reference the posterior-inferior Olive Wire hole and extend distally to the inferior aspect of the calcaneus.

Tip: The peroneals may need to be retracted inferiorly during the performance of the anterior portion of the osteotomy and superiorly during the creation of the proximal osteotomy.

Z-Plasty Spreader Use

Use the Z-Plasty Spreader B in either the distal or proximal osteotomy to distract and lengthen to desired correction ④.

This lengthening may be 'dialed in' and reviewed with AP imaging; TN coverage may be used to determine the amount of distraction lengthening desired.

Recommended Bone Grafting

Bone or wedge grafting of the osteotomy site is recommended per the surgeon's preference ⑤.

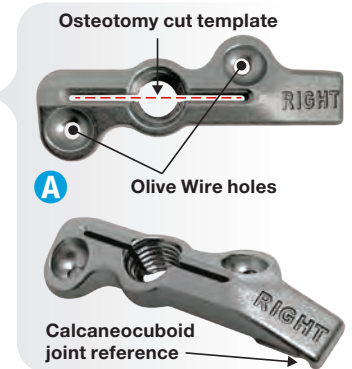
Use the supplied plate trials to determine plate selection; place and secure the corresponding implant in place with the supplied Olive Wires through any of the plate holes ⑥.

Follow the screw placement technique to place screws in all available plate holes.

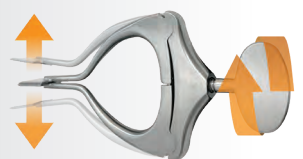
Close the incision by preferred methods.

Removal

For removal, use the supplied CoLink Calcaneal Fixation System instrument set to remove the plate screws followed by removal of the plate from the bone.















B Z-Plasty Spreader



Note: Take care not to over-tighten in the closed position for insertion into the osteotomy or loading into the instrument tray.

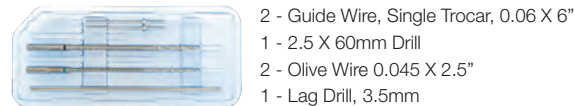
COMPREHENSIVE LOW-PROFILE CALCANEAL FIXATION SYSTEM

CoLink® Cfx

CoLink® Cfx Calcaneal Plates	
CATALOG NO	DESCRIPTION
MIS S	 MIS Plate, Small, Right
MIS L	 MIS Plate, Small, Left
MIS EXT S	 MIS Plate, Large, Right
MIS EXT L	 MIS Plate, Large, Left
SMALL	 Perimeter Plate, Small, Right
MEDIUM	 Perimeter Plate, Small, Left
LARGE	 Perimeter Plate, Medium, Right
	 Perimeter Plate, Medium, Left
	 Perimeter Plate, Large, Right
	 Perimeter Plate, Large, Left
	 Z-Plasty Plate, Right
	 Z-Plasty Plate, Left

CoLink® Cfx Instruments

Single-Use, Sterile Kit - P08 S0001

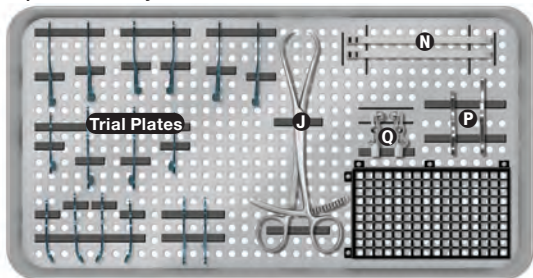


- 2 - Guide Wire, Single Trocar, 0.06 X 6"
- 1 - 2.5 X 60mm Drill
- 2 - Olive Wire 0.045 X 2.5"
- 1 - Lag Drill, 3.5mm

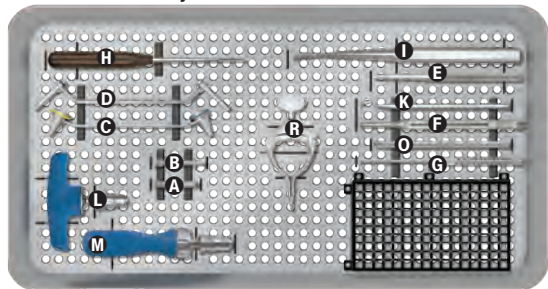
In separate, single-use sterile packs:

- P04 S0221 Olive Wire - 0.045 X 2.5", 2 Pack, Sterile
- P06 S2333 Guide Wire - Single Trocar, 0.06 X 6", 2 Pack, Sterile
- P07 S0041 T15 Driver, AO, Sterile
- P08 S0051 Schanz Pin - threaded, 5 X 175mm, Sterile

Top Reusable Tray



Bottom Reusable Tray



CoLink® Cfx 3.5mm Low-Pro Cortical Screws



CATALOG NO	DIA x LENGTH	STYLE
P73 ST010	3.5 x 10mm	..... Non-Locking
P73 ST012	3.5 x 12mm	..... Non-Locking
P73 ST014	3.5 x 14mm	..... Non-Locking
P73 ST016	3.5 x 16mm	..... Non-Locking
P73 ST018	3.5 x 18mm	..... Non-Locking
P73 ST020	3.5 x 20mm	..... Non-Locking
P73 ST022	3.5 x 22mm	..... Non-Locking
P73 ST024	3.5 x 24mm	..... Non-Locking
P73 ST026	3.5 x 26mm	..... Non-Locking
P73 ST028	3.5 x 28mm	..... Non-Locking
P73 ST030	3.5 x 30mm	..... Non-Locking
P73 ST032	3.5 x 32mm	..... Non-Locking
P73 ST034	3.5 x 34mm	..... Non-Locking
P73 ST036	3.5 x 36mm	..... Non-Locking
P73 ST038	3.5 x 38mm	..... Non-Locking
P73 ST040	3.5 x 40mm	..... Non-Locking
P73 ST042	3.5 x 42.5mm	..... Non-Locking
P73 ST045	3.5 x 45mm	..... Non-Locking
P73 ST047	3.5 x 47.5mm	..... Non-Locking
P73 ST050	3.5 x 50mm	..... Non-Locking
P73 ST052	3.5 x 52.5mm	..... Non-Locking
P73 ST055	3.5 x 55mm	..... Non-Locking
P73 ST057	3.5 x 57.5mm	..... Non-Locking
P73 ST060	3.5 x 60mm	..... Non-Locking

CoLink® Cfx 3.5mm Locking Screws



CATALOG NO	DIA x LENGTH	STYLE
P73 ST110	3.5 x 10mm	..... Locking
P73 ST112	3.5 x 12mm	..... Locking
P73 ST114	3.5 x 14mm	..... Locking
P73 ST116	3.5 x 16mm	..... Locking
P73 ST118	3.5 x 18mm	..... Locking
P73 ST120	3.5 x 20mm	..... Locking
P73 ST122	3.5 x 22mm	..... Locking
P73 ST124	3.5 x 24mm	..... Locking
P73 ST126	3.5 x 26mm	..... Locking
P73 ST128	3.5 x 28mm	..... Locking
P73 ST130	3.5 x 30mm	..... Locking
P73 ST132	3.5 x 32mm	..... Locking

CoLink® Cfx 3.5mm Locking Screws - cont.

P73 ST134	3.5 x 34mm	..... Locking
P73 ST136	3.5 x 36mm	..... Locking
P73 ST138	3.5 x 38mm	..... Locking
P73 ST140	3.5 x 40mm	..... Locking
P73 ST142	3.5 x 42.5mm	..... Locking
P73 ST145	3.5 x 45mm	..... Locking
P73 ST147	3.5 x 47.5mm	..... Locking
P73 ST150	3.5 x 50mm	..... Locking
P73 ST152	3.5 x 52.5mm	..... Locking
P73 ST155	3.5 x 55mm	..... Locking
P73 ST157	3.5 x 57.5mm	..... Locking
P73 ST160	3.5 x 60mm	..... Locking

CoLink® Cfx 4.0mm Cancellous Screws



P74 ST010	4.0 x 10mm	..... Cancellous
P74 ST012	4.0 x 12mm	..... Cancellous
P74 ST014	4.0 x 14mm	..... Cancellous
P74 ST016	4.0 x 16mm	..... Cancellous
P74 ST018	4.0 x 18mm	..... Cancellous
P74 ST020	4.0 x 20mm	..... Cancellous
P74 ST022	4.0 x 22mm	..... Cancellous
P74 ST024	4.0 x 24mm	..... Cancellous
P74 ST026	4.0 x 26mm	..... Cancellous
P74 ST028	4.0 x 28mm	..... Cancellous
P74 ST030	4.0 x 30mm	..... Cancellous
P74 ST032	4.0 x 32mm Cancellous
P74 ST034	4.0 x 34mm Cancellous
P74 ST036	4.0 x 36mm Cancellous
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P74 ST042	4.0 x 42.5mm Cancellous
P74 ST045	4.0 x 45mm Cancellous
P74 ST047	4.0 x 47.5mm Cancellous
P74 ST050	4.0 x 50mm	..... Cancellous
P74 ST052	4.0 x 52.5mm	..... Cancellous
P74 ST055	4.0 x 55mm	..... Cancellous
P74 ST057	4.0 x 57.5mm	..... Cancellous
P74 ST060	4.0 x 60mm	..... Cancellous

Reusable Tray Components

- A** P08 N0081 Locking Drill Guide, 2.5mm
- B** P07 N0231 Lag Guide, 2.5mm
- C** P07 N0291 VA NL Drill Guide, 1.9 & 2.5mm
- D** P07 N0151 NL Drill Guide, 2.5 & 3.5mm
- E** P08 N0091 Bone Tamp, 5mm X 6"
- F** P07 N0251 Easy Clean Depth Gauge
- G** P06 N0661 Lag Screw Sizer, 6"
- H** P07 N0261 Periosteal Elevator, 7.25" 6mm Straight Blade
- I** P08 N0021 Cobb Elevator, 3/8"
- J** P08 N0011 8" Reduction Bone Forceps
- K** P07 N0221 Dental Pick
- L** P08 N0041 T-Handle, AO, QC
- M** P04 N0063 Ratcheting Handle, AO QC
- N** P07 N0121 Plate Bender
- O** P08 N0031 Threaded Bending Bar
- P** P08 N0071/2 MIS Extended Marking Guide; Sm/Lg
- Q** P08 N0061/2 Cfx Z-Plasty Cutting Guides; L/R
- R** P08 N0101 Z-Plasty Spreader

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