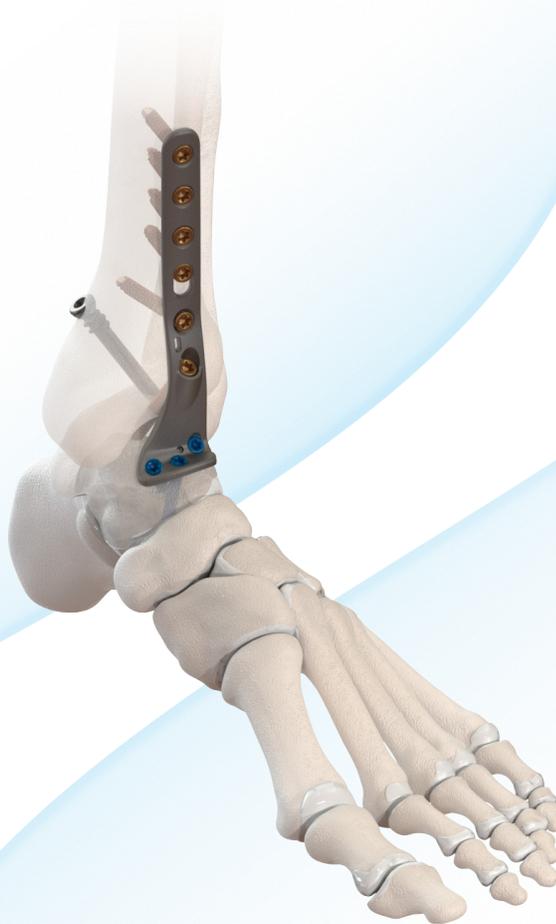


CoLink[®] NeoFuse

Ankle Fusion Plating System



Anatomically Contoured Low-Profile Plates

Anterior and Anterolateral Plate Configurations

Guided Medial-Lateral Compression Screw Placement



A GLOBAL EXTREMITY COMPANY

CoLink® NeoFuse

Ankle Fusion Plating System

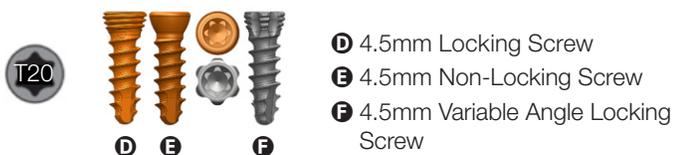
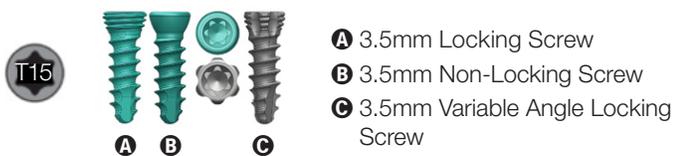
Anterior Plate Family



Anterolateral Plate Family



Associated Screws



Indications for Use

The CoLink® NeoFuse Plating System is indicated for anterior fixation of ankle arthrodesis and fractures, including the distal tibia and talus.

The addition of a compression screw through the tibiotalar joint (ex. CoLag® 6.7mm Screw) is required.

See package insert for more information, including contraindications, warnings, and precautions.

Device Description

The CoLink® NeoFuse Plating System features Anterior and Anterolateral Plates with side specific (right or left) targeting guides for placement of a transverse compression screw outside of the plate for added compression to the joint.

All implants are provided sterile packaged. The system utilizes a set of sterile and reusable instruments which include trial plates for proper size determination. Other standard orthopedic operating instrumentation may be required to perform the procedures.

Associated Drill Guides and Targeting Guides



Locking Drill Guides

The 2.5mm Afx Locking Drill Guide and 3.2mm Ankle Fusion System Locking Drill Guide towers are provided for the on-axis drilling for placing 3.5 and 4.5mm locking screws, respectively.

Non-Locking Drill Guides

The 2.5/3.2mm Ankle Fusion System Non-Locking Drill Guide is provided for placing 3.5 and 4.5mm non-locking screws off-axis.

Variable Angle Drill Guides

The 2.5/3.2mm Variable Angle Drill Guides are provided for placing 3.5 and 4.5mm variable angle screws off-axis with 30° of variability.



Compression Screw Guides

The Medial Lateral Compression Screw Targeting Guide is provided to place the 6.7mm CoLag® Screw. A targeting guide for each plate style is provided.



Transverse Screw Guide

The 4.5mm Transverse Screw Drill Guide is provided for placing the 4.5mm Non-Locking screws through the transverse hole. One end is for the 3.2mm drill and the other end is for a 4.5mm drill if lagging the non-locking screw is desired.

CoLink® NeoFuse

Ankle Fusion Plating System

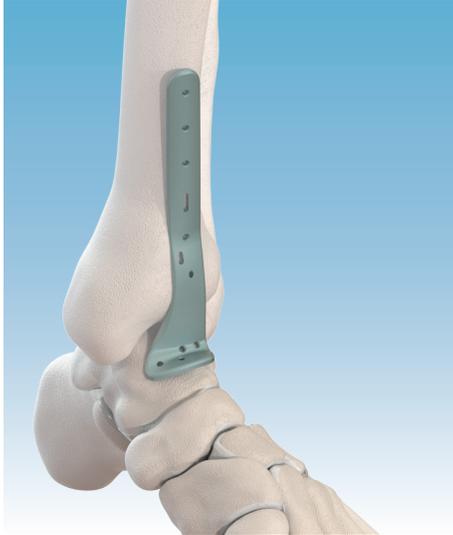


Figure 1



Figure 2



Figure 3

Joint Preparation

Osteophytes should be removed. Preparation of the ankle joint surface may be performed with flat cuts or by denuding the cartilage.

Temporary fixation of the bones may be obtained using K-wires.

Fluoroscopic verification is recommended for each step of the procedure.

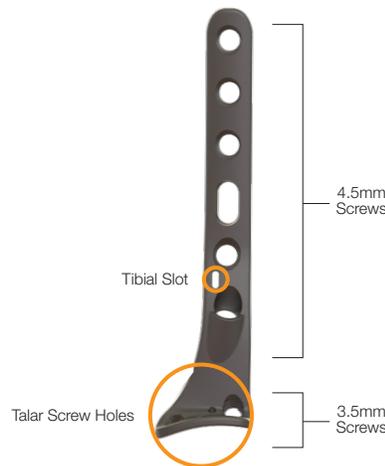
Trialing

Use the provided plate trials to establish the appropriate plate style, length, and position on the tibia and talus. **Figure 1**

Provisional Fixation

Place the selected plate onto the bone and verify alignment under fluoroscopy. Use two Olive Wires to secure the plate to the bone: one in the proximal aspect of the tibial slot and the second in one of the talar screw holes.

Figure 2



Talar Screws

Using the 2.5x60mm Drill and the 2.5mm Afx Locking Drill Guide or 2.5mm Variable Angle Drill Guide, drill for the first talar screw until contacting the 2nd cortical wall. Remove the Drill.

Use the Depth Gauge to measure the screw length and seat the corresponding 3.5mm Locking Screw securely to the plate using the T15 Driver. **Figure 3**

Remove the talar Olive Wire and repeat the above steps for the remaining talar screws.



Figure 4

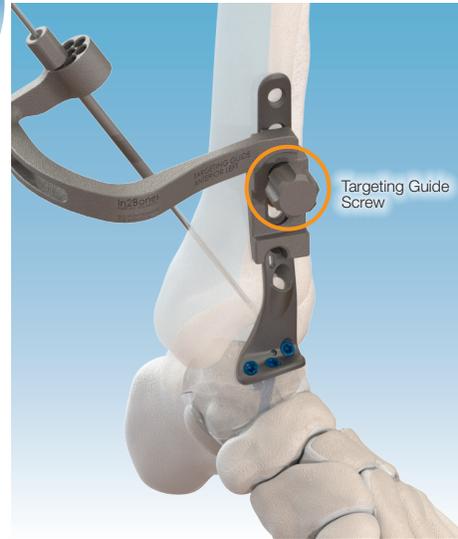


Figure 5

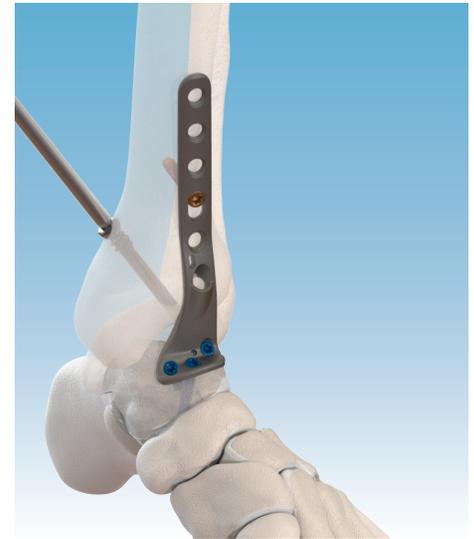


Figure 6

Tibial Sliding Slot Hole

Prepare the Tibial Sliding Slot Hole using the 4.5mm Non-Locking Drill Guide and 3.2x130mm Drill.

Ensure that the guide is positioned in the proximal end of the hole.

Note: Proximal placement of the screw in the Tibial Sliding Slot Hole is necessary to accommodate the shift of the tibia relative to the plate during compression.

Drill until making contact with the 2nd cortical wall.

Remove the drill and use the Depth Gauge to identify the appropriate screw size.

Seat the appropriate 4.5mm Non-Locking Screw to the plate using the T20 Driver. **Figure 4**

Medial Lateral Compression Screw

Assemble the appropriate Targeting Guide to the selected plate by aligning the fixation features to the plate and tightening the Targeting Guide Screw until the construct is secure.

Use the Targeting Guide and K-wire Guide to establish the position of the medial lateral 6.7mm CoLag® Screw. Insert the .079 X 9" K-wire through the guide and across the joint and to the lateral process of the talus. **Figure 5**

Note: Care should be taken to prevent the K-wire from exiting the far cortex.

Remove the Targeting Guide by loosening the Targeting Guide Screw and sliding it over the K-wire.

Use the Lag Screw Sizer to assess the appropriate screw length. Drill to the appropriate depth using the 4.8mm Cannulated Drill.

Remove the Drill.

Place the selected 6.7mm CoLag® screw over the K-wire and seat to the bone using a cannulated T25 Driver.

Figure 6

Remove the K-wire.

CoLink® NeoFuse

Ankle Fusion Plating System



Figure 7



Figure 8

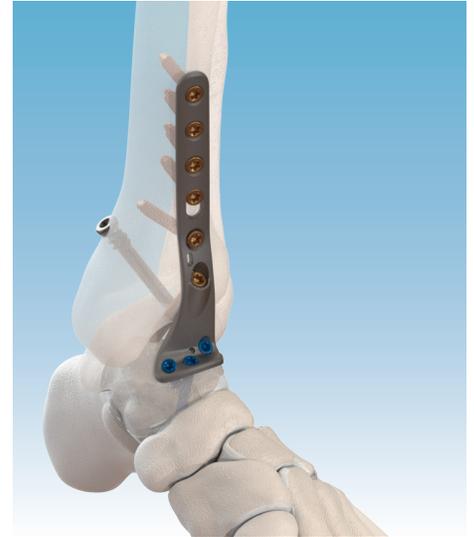


Figure 9

Transverse Screw

Position the Transverse Drill Guide in the Transverse screw hole of the plate and drill using the 3.2x130 mm Drill. **Figure 7**

If lagging is desired, drill with the provided 4.5mm Drill through the tibia up to talus.

Determine the appropriate screw size using the Depth Gauge.

Seat the corresponding CoLink® 4.5 mm Non-Locking Screw to the plate using the T20 Driver.

Remaining Tibial Screws

Using the 3.2x130mm Drill and the appropriate Drill Guide for the desired 4.5mm CoLink® Screw type, drill for the tibial screw hole until contacting the 2nd cortical wall.

Figure 8

Remove the Drill.

Use the depth gauge to measure the appropriate screw length. Seat the corresponding screw securely to the plate using the T20 Driver.

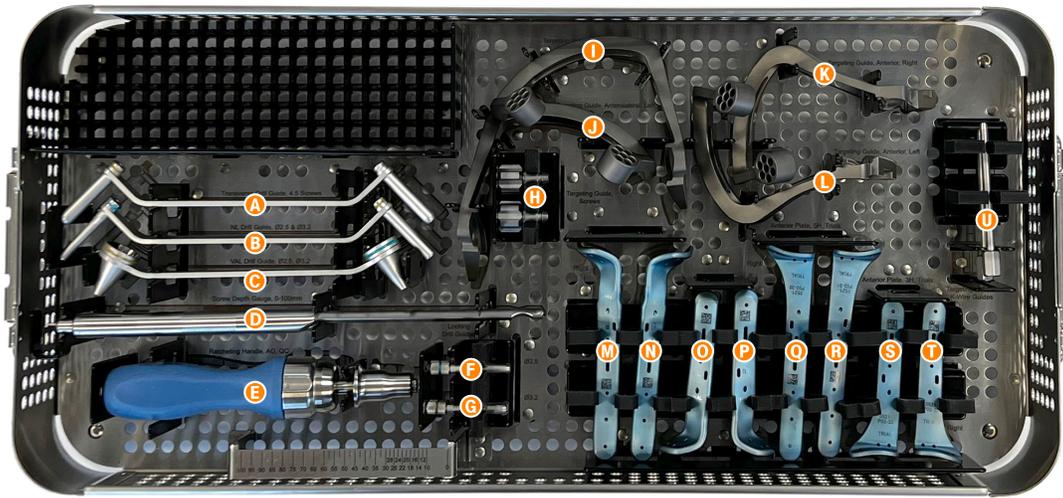
Prepare and fill the remaining screw holes with the desired screw type.

Figure 9

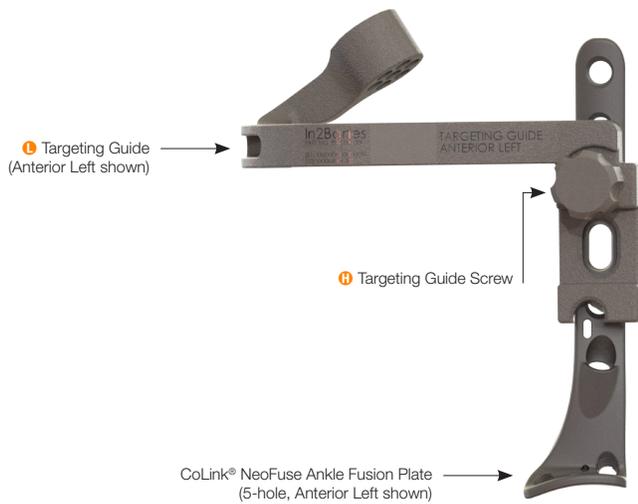
Confirm placement under fluoroscopy

Close the incision by preferred methods

Non-Sterile Instrument Set – P02 N0001



| DESCRIPTION | CATALOG NO. | QTY. | DESCRIPTION | CATALOG NO. | QTY. |
|---|-------------|------|--|-------------|------|
| A Transverse Drill Guide, 4.5 Screws, Assembly | P02 N0051 | 1 | L Targeting Guide, Anterior, Left | P02 N0071 | 1 |
| B NL Drill Guide, 2.5, 3.2 Assembly | P02 N0031 | 1 | M Anterolateral Plate, 5H, Right, Trial | P02 N1201 | 1 |
| C Variable Drill Guide, 2.5, 3.2 Assembly | P02 N0021 | 1 | N Anterolateral Plate, 5H, Left, Trial | P02 N1202 | 1 |
| D Screw Depth Gauge, 0-100mm | P02 N0041 | 1 | O Anterolateral Plate, 3H, Left, Trial | P02 N1204 | 1 |
| E Ratcheting Handle, AO, QC | P04 N0063 | 1 | P Anterolateral Plate, 3H, Right, Trial | P02 N1203 | 1 |
| F Afx, Locking Drill Guide 2.5 | P07 N0011 | 2 | Q Anterior Plate, 5H, Right, Trial | P02 N1101 | 1 |
| G Ankle Fusion Locking Drill Guide 3.2 | P02 N0011 | 2 | R Anterior Plate, 5H, Left, Trial | P02 N1102 | 1 |
| H Targeting Guide, Screws | P02 N0101 | 2 | S Anterior Plate, 3H, Left, Trial | P02 N1104 | 1 |
| I Targeting Guide, Anterolateral, Right | P02 N0081 | 1 | T Anterior Plate, 3H, Right, Trial | P02 N1103 | 1 |
| J Targeting Guide, Anterolateral, Left | P02 N0091 | 1 | U Targeting Guide, K-Wire Guide | P02 N0111 | 2 |
| K Targeting Guide, Anterior, Right | P02 N0061 | 1 | | | |



Compression Screw Guides

The Medial Lateral Compression Screw Targeting Guide is provided to place the 6.7mm CoLag® Screw. A targeting guide for each plate style is provided.

CoLink® NeoFuse

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Ordering Information

CoLink® NeoFuse Ankle Fusion Plates

| CATALOG NO. | DESCRIPTION |
|-------------|---|
| P20 ST123 | CoLink® NeoFuse Plate, Anterior, 3H, R |
| P20 ST125 | CoLink® NeoFuse Plate, Anterior, 5H, R |
| P20 ST223 | CoLink® NeoFuse Plate, Anterior, 3H, L |
| P20 ST225 | CoLink® NeoFuse Plate, Anterior, 5H, L |
| P20 ST133 | CoLink® NeoFuse Plate, Anterolateral, 3H, R |
| P20 ST135 | CoLink® NeoFuse Plate, Anterolateral, 5H, R |
| P20 ST233 | CoLink® NeoFuse Plate, Anterolateral, 3H, L |
| P20 ST235 | CoLink® NeoFuse Plate, Anterolateral, 5H, L |

Sterile-Packaged Single-Use Instruments

| CATALOG NO. | DESCRIPTION |
|-------------|---|
| P06 S2292 | K-Wire, Single Trocar .079 x 9", 2 Pack |
| P02 S0131 | Olive Wire, .062x2.4" |
| P02 S0161 | 4.5x120mm Drill |
| P02 S0141 | 3.2x130mm Drill |
| P07 S0031 | 2.5x60mm Drill |
| P02 S0151 | T20 Driver, AO |
| P07 S0041 | T15 Driver, AO |

CoLink® Afx 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® Afx 3.5mm Variable Angle Locking

| CATALOG NO. | DIA x LENGTH | STYLE |
|-------------|--------------|----------|
| P73 ST210 | 3.5 x 10mm | Variable |
| P73 ST212 | 3.5 x 12mm | Variable |
| P73 ST214 | 3.5 x 14mm | Variable |
| P73 ST216 | 3.5 x 16mm | Variable |
| P73 ST218 | 3.5 x 18mm | Variable |
| P73 ST220 | 3.5 x 20mm | Variable |
| P73 ST222 | 3.5 x 22mm | Variable |
| P73 ST224 | 3.5 x 24mm | Variable |
| P73 ST226 | 3.5 x 26mm | Variable |
| P73 ST228 | 3.5 x 28mm | Variable |
| P73 ST230 | 3.5 x 30mm | Variable |
| P73 ST232 | 3.5 x 32mm | Variable |
| P73 ST234 | 3.5 x 34mm | Variable |
| P73 ST236 | 3.5 x 36mm | Variable |
| P73 ST238 | 3.5 x 38mm | Variable |
| P73 ST240 | 3.5 x 40mm | Variable |
| P73 ST242 | 3.5 x 42.5mm | Variable |
| P73 ST245 | 3.5 x 45mm | Variable |
| P73 ST247 | 3.5 x 47.5mm | Variable |
| P73 ST250 | 3.5 x 50mm | Variable |
| P73 ST252 | 3.5 x 52.5mm | Variable |
| P73 ST255 | 3.5 x 55mm | Variable |
| P73 ST257 | 3.5 x 57.5mm | Variable |
| P73 ST260 | 3.5 x 60mm | Variable |

CoLink® 4.5mm Locking Screws

| CATALOG NO. | DIA x LENGTH | STYLE |
|-------------|--------------|---------|
| V45 ST720 | 4.5 x 20mm | Locking |
| V45 ST722 | 4.5 x 22mm | Locking |
| V45 ST724 | 4.5 x 24mm | Locking |
| V45 ST726 | 4.5 x 26mm | Locking |
| V45 ST728 | 4.5 x 28mm | Locking |
| V45 ST730 | 4.5 x 30mm | Locking |
| V45 ST732 | 4.5 x 32mm | Locking |
| V45 ST734 | 4.5 x 34mm | Locking |
| V45 ST736 | 4.5 x 36mm | Locking |
| V45 ST738 | 4.5 x 38mm | Locking |
| V45 ST740 | 4.5 x 40mm | Locking |
| V45 ST745 | 4.5 x 45mm | Locking |
| V45 ST750 | 4.5 x 50mm | Locking |

CoLag® 6.7mm Compression Screws - cont.

| CATALOG NO. | DIA x LENGTH | STYLE |
|-------------|---------------|-------------|
| P65 ST655 | 6.7 x 55.0mm | Compression |
| P65 ST657 | 6.7 x 57.5mm | Compression |
| P65 ST660 | 6.7 x 60.0mm | Compression |
| P65 ST662 | 6.7 x 62.5mm | Compression |
| P65 ST665 | 6.7 x 65.0mm | Compression |
| P65 ST667 | 6.7 x 67.5mm | Compression |
| P65 ST670 | 6.7 x 70.0mm | Compression |
| P65 ST672 | 6.7 x 72.5mm | Compression |
| P65 ST675 | 6.7 x 75.0mm | Compression |
| P65 ST677 | 6.7 x 77.5mm | Compression |
| P65 ST680 | 6.7 x 80.0mm | Compression |
| P65 ST682 | 6.7 x 82.5mm | Compression |
| P65 ST685 | 6.7 x 85.0mm | Compression |
| P65 ST687 | 6.7 x 87.5mm | Compression |
| P65 ST690 | 6.7 x 90.0mm | Compression |
| P65 ST695 | 6.7 x 95.0mm | Compression |
| P65 ST700 | 6.7 x 100.0mm | Compression |
| P65 ST705 | 6.7 x 105.0mm | Compression |
| P65 ST710 | 6.7 x 110.0mm | Compression |
| P65 ST715 | 6.7 x 115.0mm | Compression |

CoLink® Afx 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 |
| 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® 4.5mm Non-Locking Screws

| CATALOG NO. | DIA x LENGTH | STYLE |
|-------------|--------------|-------------|
| V45 ST620 | 4.5 x 20mm | Non-Locking |
| V45 ST622 | 4.5 x 22mm | Non-Locking |
| V45 ST624 | 4.5 x 24mm | Non-Locking |
| V45 ST626 | 4.5 x 26mm | Non-Locking |
| V45 ST628 | 4.5 x 28mm | Non-Locking |
| V45 ST630 | 4.5 x 30mm | Non-Locking |
| V45 ST632 | 4.5 x 32mm | Non-Locking |
| V45 ST634 | 4.5 x 34mm | Non-Locking |
| V45 ST636 | 4.5 x 36mm | Non-Locking |
| V45 ST638 | 4.5 x 38mm | Non-Locking |
| V45 ST640 | 4.5 x 40mm | Non-Locking |
| V45 ST645 | 4.5 x 45mm | Non-Locking |
| V45 ST650 | 4.5 x 50mm | Non-Locking |
| V45 ST655 | 4.5 x 55mm | Non-Locking |
| V45 ST660 | 4.5 x 60mm | Non-Locking |
| V45 ST665 | 4.5 x 65mm | Non-Locking |
| V45 ST670 | 4.5 x 70mm | Non-Locking |
| V45 ST675 | 4.5 x 75mm | Non-Locking |
| V45 ST680 | 4.5 x 80mm | Non-Locking |
| V45 ST685 | 4.5 x 85mm | Non-Locking |
| V45 ST690 | 4.5 x 90mm | Non-Locking |
| V45 ST695 | 4.5 x 95mm | Non-Locking |

CoLink® 4.5mm Variable Angle Locking

| CATALOG NO. | DIA x LENGTH | STYLE |
|-------------|--------------|----------|
| V45 ST820 | 4.5 x 20mm | Variable |
| V45 ST822 | 4.5 x 22mm | Variable |
| V45 ST824 | 4.5 x 24mm | Variable |
| V45 ST826 | 4.5 x 26mm | Variable |
| V45 ST828 | 4.5 x 28mm | Variable |
| V45 ST830 | 4.5 x 30mm | Variable |
| V45 ST832 | 4.5 x 32mm | Variable |
| V45 ST834 | 4.5 x 34mm | Variable |
| V45 ST836 | 4.5 x 36mm | Variable |
| V45 ST838 | 4.5 x 38mm | Variable |
| V45 ST840 | 4.5 x 40mm | Variable |
| V45 ST845 | 4.5 x 45mm | Variable |
| V45 ST850 | 4.5 x 50mm | Variable |

CoLag® 6.7mm Compression Screws

| CATALOG NO. | DIA x LENGTH | STYLE |
|-------------|--------------|-------------|
| P65 ST630 | 6.7 x 30.0mm | Compression |
| P65 ST632 | 6.7 x 32.0mm | Compression |
| P65 ST634 | 6.7 x 34.0mm | Compression |
| P65 ST636 | 6.7 x 36.0mm | Compression |
| P65 ST638 | 6.7 x 38.0mm | Compression |
| P65 ST640 | 6.7 x 40.0mm | Compression |
| P65 ST642 | 6.7 x 42.5mm | Compression |
| P65 ST645 | 6.7 x 45.0mm | Compression |
| P65 ST647 | 6.7 x 47.5mm | Compression |
| P65 ST650 | 6.7 x 50.0mm | Compression |
| P65 ST652 | 6.7 x 52.5mm | Compression |

CoLag® 6.7mm Fully Threaded Screws

| CATALOG NO. | DIA x LENGTH | STYLE |
|-------------|---------------|----------------|
| P65 ST830 | 6.7 x 30.0mm | Fully Threaded |
| P65 ST832 | 6.7 x 32.0mm | Fully Threaded |
| P65 ST834 | 6.7 x 34.0mm | Fully Threaded |
| P65 ST836 | 6.7 x 36.0mm | Fully Threaded |
| P65 ST838 | 6.7 x 38.0mm | Fully Threaded |
| P65 ST840 | 6.7 x 40.0mm | Fully Threaded |
| P65 ST842 | 6.7 x 42.5mm | Fully Threaded |
| P65 ST845 | 6.7 x 45.0mm | Fully Threaded |
| P65 ST847 | 6.7 x 47.5mm | Fully Threaded |
| P65 ST850 | 6.7 x 50.0mm | Fully Threaded |
| P65 ST852 | 6.7 x 52.5mm | Fully Threaded |
| P65 ST855 | 6.7 x 55.0mm | Fully Threaded |
| P65 ST857 | 6.7 x 57.5mm | Fully Threaded |
| P65 ST860 | 6.7 x 60.0mm | Fully Threaded |
| P65 ST862 | 6.7 x 62.5mm | Fully Threaded |
| P65 ST865 | 6.7 x 65.0mm | Fully Threaded |
| P65 ST867 | 6.7 x 67.5mm | Fully Threaded |
| P65 ST870 | 6.7 x 70.0mm | Fully Threaded |
| P65 ST872 | 6.7 x 72.5mm | Fully Threaded |
| P65 ST875 | 6.7 x 75.0mm | Fully Threaded |
| P65 ST877 | 6.7 x 77.5mm | Fully Threaded |
| P65 ST880 | 6.7 x 80.0mm | Fully Threaded |
| P65 ST882 | 6.7 x 82.5mm | Fully Threaded |
| P65 ST885 | 6.7 x 85.0mm | Fully Threaded |
| P65 ST887 | 6.7 x 87.5mm | Fully Threaded |
| P65 ST890 | 6.7 x 90.0mm | Fully Threaded |
| P65 ST895 | 6.7 x 95.0mm | Fully Threaded |
| P65 ST900 | 6.7 x 100.0mm | Fully Threaded |
| P65 ST905 | 6.7 x 105.0mm | Fully Threaded |
| P65 ST910 | 6.7 x 110.0mm | Fully Threaded |
| P65 ST915 | 6.7 x 115.0mm | Fully Threaded |

All content contained herein is furnished for informational purposes only. In2Bones does not recommend a particular surgical product or procedure suitable for all patients. Each surgeon must evaluate the appropriateness of a device and corresponding techniques based on medical training, clinical judgment and surgical experience. The proper surgical technique and/or procedure are the responsibility of the medical professional. Indications, contraindications, warnings, and precautions are listed in the implant package insert and should be reviewed carefully by the physician and operating room personnel prior to any proposed procedure. Availability of these products might vary from a given country or region to another as a result of specific local regulatory approval or clearance requirements for sale in such country or region.

CAUTION: Federal law (USA) restricts this device to sale and use by, or on the order of a physician.



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