



Dilque L, T, & Straight Plates

Low Profile, Anatomic Design, Type II Anodized Comprehensive Plating System Designed to Address a Variety of Fractures and Fusions



A GLOBAL EXTREMITY COMPANY

# SURGICAL TECHNIQUE

COMPRESSION PLATING SYSTEM







#### **BONE PREPARATION**

Align the bones to be fused in the desired position and hold them in place with a temporary K-Wire. The provided Reduction Forceps can be used to maintain alignment and compression of the fracture or osteotomy during temporary fixation.

#### PLATE SELECTION

Use the supplied Plate Trials to determine Plate selection. Once selected, position the Plate in the desired location. If additional contouring is needed, use the supplied Plate Benders. Take care not to bend across a Plate hole. Temporarily fix the plate with Olive Wires using the middle and distal holes in the Plate.

#### ASSOCIATED DRILL GUIDES

- Locking Drill Guide towers are provided for the on-axis Locking Screws:
- B For more efficient on-axis hole preparation, use the **Speed Drill Guide**.
- C Non-locking Drill Guide is provided for placing Non-Locking Screws off-axis.
- For dynamic compression in the Compression Slot Hole only, use the Compression Slot Drill Guide.

[See "Compression Guide" on next page)

**Variable Angle Non-Locking Drill** Guide is provided for placing Variable Angle Locking Screws off-axis with 30° of variability.





### Drill Guide / Depth Gauge Options

Determine Screw length from the calibrated Drill markings to the top of the Drill Guide or via supplied Depth Gauge.





Non-locking Drill Guide uses calibrated Drill for screw length measurement or supplied Depth Gauge.

### Locking Drill Guides



Locking Drill Guide uses calibrated Drill for screw length measurement or supplied Depth Gauge.

#### Variable Angle Drill Guides



Variable Angle Drill Guide. Use the supplied Depth Gauge for screw length measurement.









#### SCREW INSERTION

Utilizing the CoLink Mini Handle and T8 Driver, insert the initial screw in a plate hole opposite of the fusion site and Compression Slot hole. It is recommended to use a Non-Locking Screw to help reduce the plate down to the bone. Use the associated NL Drill Guide and Drill Bit to drill to desired depth. Measure with the Depth Gauge to determine

Screw length. 2.4mm or 2.7mm diameter Locking, Non-Locking, and 2.7mm Variable Angle Locking Screws are available to use with the Plates. Insert the appropriate Screw size flush with the Plate. An audible click will indicate optimal torque has been reached. Further tightening of the Screw is not necessary.

#### COMPRESSION SCREW PREP & INSERTION

For dynamic compression, use the Compression Slot Drill Guide and Drill to drill the Screw hole in the Compression Slot. The arrow laser marked on the Compression Slot Drill Guide handle indicates the direction of compression. Be sure to hold the Compression Slot Drill Guide against the slot wall opposite of the compression direction for proper eccentric drilling. After



drilling, measure for the proper Screw depth. Start the Non-Locking Screw in the Compression Slot drill hole until the head of the Screw touches the plate then remove the distal Olive Wire and temporary fixation K-Wire. Once the Olive Wire and K-Wire are removed, continue to seat the Non-Locking Screw until the Screw head is seated flush with the Plate inside the Compression Slot. Approximately 1mm of dynamic compression can be achieved using the Compression Slot ramp.

#### **INSERT REMAINING SCREWS**

Once compression has been achieved, finish inserting the remaining screws. Close by preferred methods.

#### **REMOVAL TECHNIQUE**

For removal, use the supplied CoLink<sup>®</sup> Mini instrument set to first remove the plate screws and finally remove the plate from the bone.

## DYNAMIC COMPRESSION PLATES CoLink Mini

With Tapered Compression Slot



CoLink<sup>®</sup> 2.4mm Low-pro Cortical CATALOG NO DIA x LENGTH P92 ST008 2.4 x 8mm..... Non-Locking P92 ST009 Non-Locking 2.4 × 9mm.. 2.4 x 10mm.... Non-Locking P92 ST010 P92 ST011 2.4 x 11mm..... Non-Locking 2.4 x 12mm..... Non-Locking P92 ST012 2.4 x 13mm.... . Non-Locking P92 ST013 2.4 x 14mm..... Non-Locking P92 ST014 Non-Locking P92 ST015 2.4 x 15mm. 2.4 x 16mm..... .Non-Locking P92 ST016 P92 ST018 2.4 x 18mm......Non-Locking P92 ST020 2.4 x 20mm ..... Non-Locking CoLink<sup>®</sup> 2.4mm Locking Screws P92 ST108 2.4 x 8mm.....Locking 2.4 x 9mm.....Locking P92 ST109 2.4 x 10mm.....Locking P92 ST110 2.4 x 11mm.....Locking P92 ST111 2.4 x 12mm.....Locking P92 ST112 P92 ST113 2.4 x 13mm.....Locking 2.4 x 14mm.....Locking P92 ST114 2.4 x 15mm.....Locking P92 ST115 2.4 x 16mm.....Locking P92 ST116 2.4 x 18mm.....Locking P92 ST118 P92 ST120 2.4 x 20mm.....Locking CoLink® Afx 2.7mm Low-pro Cortical P72 ST008 2.7 x 8mm......Non-Locking P72 ST010 2.7 x 10mm..... Non-Locking P72 ST012 2.7 x 12mm. Non-Locking 2.7 x 14mm..... P72 ST014 Non-Locking P72 ST016 2.7 × 16mm..... Non-Locking P72 ST018 2.7 x 18mm..... Non-Locking P72 ST020 2.7 x 20mm ..... Non-Locking P72 ST022 2.7 x 22mm..... Non-Locking P72 ST024 2.7 x 24mm..... Non-Locking P72 ST026 2.7 x 26mm......Non-Locking P72 ST028 2.7 x 28mm ..... Non-Locking P72 ST030 2.7 x 30mm......Non-Locking P72 ST032 2.7 x 32.5mm...Non-Locking P72 ST035 2.7 x 35mm ..... Non-Locking P72 ST037 2.7 x 37.5mm ... Non-Locking P72 ST040 2.7 x 40mm ..... Non-Locking P72 ST042 2.7 x 42.5mm ... Non-Locking P72 ST045 2.7 x 45mm......Non-Locking P72 ST047 2.7 x 47.5mm...Non-Locking P72 ST050 2.7 x 50mm ..... Non-Locking

Oblique L, T, & Straight Plates

CoLink <sup>®</sup> Afx	2.7mm Locking Screws
ATALOG NO	DIA x LENGTH STYLE
P72 ST108	2.7 x 8mm Locking
72 ST110	2.7 x 10mm Locking
972 ST112	2.7 x 12mm Locking
972 ST114	2.7 x 14mm Locking
972 ST116	2.7 x 16mm Locking
72 ST118	2.7 x 18mm Locking
972 ST120	2.7 x 20mm Locking
P72 ST122	2.7 x 22mm Locking
972 ST124	2.7 x 24mm Locking
972 ST126	2.7 x 26mm Locking
972 ST128	2.7 x 28mm Locking
972 ST130	2.7 x 30mm Locking
972 ST132	2.7 x 32.5mm Locking
972 ST135	2.7 x 35mm Locking
972 ST137	2.7 x 37.5mm Locking
972 ST140	2.7 x 40mm Locking
972 ST142	2.7 x 42.5mm Locking
972 ST145	2.7 x 45mm Locking
972 ST147	2.7 x 47.5mm Locking
P72 ST150	2.7 x 50mm Locking
	0.7
	2.7mm VAL Screws
72 51208	2.7 x 80000 VAL
72 51210	2.7 x 10mm
72 51212	2.7 X 12mm VAL
72 31214	2.7 × 1411111 VAL
72 01210	2.7 × 10mm VAL
72 81210	2.7 × 1011111 VAL
72 01220	2.7 × 20mm
72 81222	2.7 X ZZIIIIII VAL
12 01224	$0.7 \times 0.4$ mm $1/\Lambda$
272 ST226	2.7 x 24mmVAL
P72 ST226	2.7 × 24mm VAL 2.7 × 26mm VAL
P72 ST226 P72 ST228 P72 ST230	2.7 × 24mm
P72 ST226 P72 ST228 P72 ST230 P72 ST230	2.7 × 24mmVAL 2.7 × 26mmVAL 2.7 × 28mmVAL 2.7 × 30mmVAL 2.7 × 325mmVAL
P72 ST226 P72 ST228 P72 ST230 P72 ST232 P72 ST232	2.7 × 24mm VAL 2.7 × 26mm VAL 2.7 × 28mm VAL 2.7 × 30mm VAL 2.7 × 32.5mm VAL 2.7 × 35mm VAL
P72 ST226 P72 ST228 P72 ST230 P72 ST232 P72 ST232 P72 ST235 P72 ST237	2.7 × 24mmVAL 2.7 × 26mmVAL 2.7 × 28mmVAL 2.7 × 30mmVAL 2.7 × 32.5mmVAL 2.7 × 35mmVAL
P72 ST226 P72 ST228 P72 ST230 P72 ST232 P72 ST232 P72 ST235 P72 ST237 P72 ST240	2.7 × 24mmVAL 2.7 × 26mmVAL 2.7 × 28mmVAL 2.7 × 30mmVAL 2.7 × 32.5mmVAL 2.7 × 37.5mmVAL 2.7 × 37.5mmVAL
272 ST226 272 ST228 272 ST230 272 ST232 272 ST232 272 ST235 272 ST237 272 ST240 272 ST240	2.7 × 24mm VAL 2.7 × 26mm VAL 2.7 × 28mm VAL 2.7 × 30mm VAL 2.7 × 32.5mm VAL 2.7 × 35mm VAL 2.7 × 37.5mm VAL 2.7 × 40mm VAL 2.7 × 40 5mm VAL
<ul> <li>P72 ST226</li> <li>P72 ST228</li> <li>P72 ST230</li> <li>P72 ST232</li> <li>P72 ST235</li> <li>P72 ST237</li> <li>P72 ST240</li> <li>P72 ST242</li> <li>P72 ST245</li> </ul>	2.7 × 24mm VAL 2.7 × 26mm VAL 2.7 × 28mm VAL 2.7 × 30mm VAL 2.7 × 35mm VAL 2.7 × 35mm VAL 2.7 × 37.5mm VAL 2.7 × 40mm VAL 2.7 × 42.5mm VAL
P72 ST226         P72 ST228         P72 ST230         P72 ST232         P72 ST235         P72 ST237         P72 ST240         P72 ST242         P72 ST242         P72 ST245         P72 ST247	2.7 × 24mm VAL 2.7 × 26mm VAL 2.7 × 28mm VAL 2.7 × 30mm VAL 2.7 × 32.5mm VAL 2.7 × 37.5mm VAL 2.7 × 40mm VAL 2.7 × 42.5mm VAL 2.7 × 45mm VAL 2.7 × 475mm VAL
P72         ST226           P72         ST228           P72         ST230           P72         ST232           P72         ST235           P72         ST237           P72         ST240           P72         ST242           P72         ST242           P72         ST245           P72         ST245           P72         ST245           P72         ST245           P72         ST245           P72         ST245           P72         ST245	2.7 × 24mm VAL 2.7 × 26mm VAL 2.7 × 28mm VAL 2.7 × 30mm VAL 2.7 × 30mm VAL 2.7 × 37.5mm VAL 2.7 × 40mm VAL 2.7 × 40mm VAL 2.7 × 45mm VAL 2.7 × 47.5mm VAL 2.7 × 47.5mm VAL 2.7 × 50mm VAL



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CoLink VAL<sup>™</sup> - Variable Angle Locking Screws CoLink Mini Plates feature variable angle locking technology with polyaxial screw placement and 30° of locking variability for improved angular stability.

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