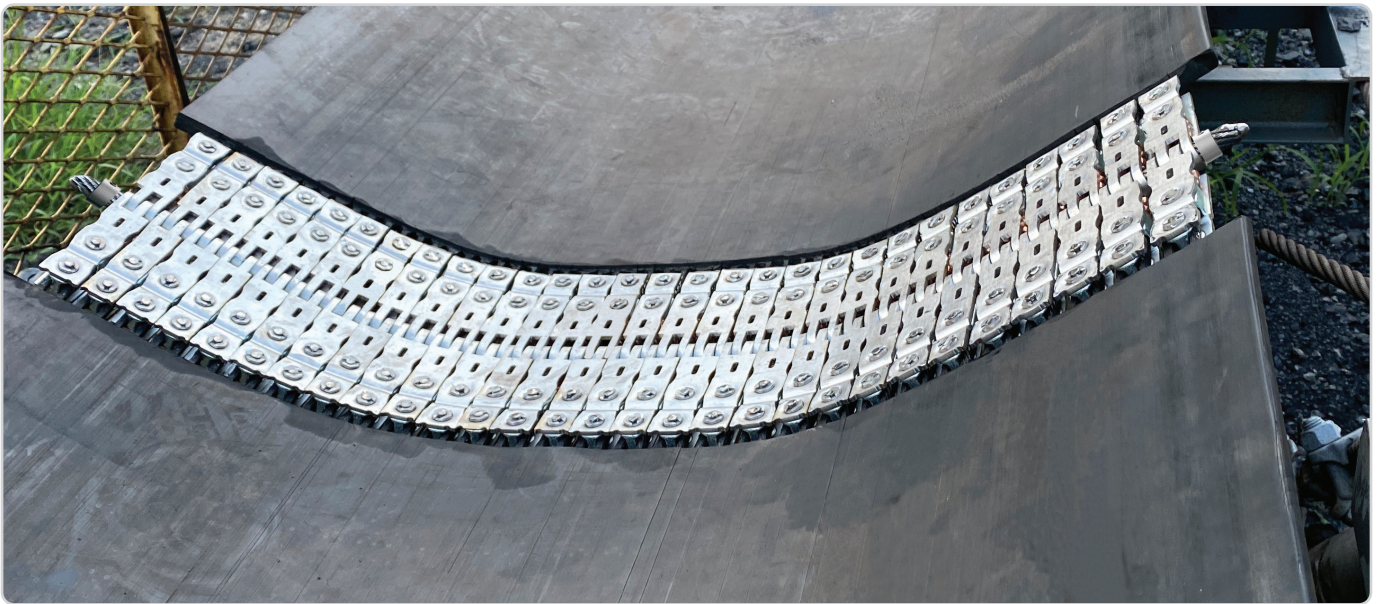# Uptime When It Matters Most

Don't let downtime on critical steel cord belts drain valuable time and money. The FXC™ Steel Cord Belt Fastening System (FXC™) from Flexco® can be installed immediately when faced with significant belt damage or when pulling a belt onto the conveyor system. While waiting for a vulcanized splice to be scheduled, this mechanical fastener can be installed with minimal downtime to get the belt up and running quickly.

Applications

- **Emergency Splice:** The FXC™ can be installed quickly when there is a splice failure or significant belt damage so the operation can get back up and running until a vulcanized splice is installed. This installation takes approximately five hours with four workers on a 1800mm (72 in.) wide belt.

- **Belt Pull:** The FXC™ can be used to pull a belt onto the conveyor system quickly and efficiently. Belt pull kits use the same components as a emergency splice but quantities may be reduced depending on belt pull tension requirements. This installation takes approximately three hours with four workers on a 1800mm (72 in.) wide belt.

Patents: www.flexco.com/patents

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FXC™ Steel Cord Belt Fastening System

Features and Benefits

Engineered Solution
Developed and rigorously tested to perform on standard operating belt tensions.

On-Site Availability
Having the FXC™ Steel Cord Belt Fastening System solution at your facility makes repairs quick and convenient to avoid extended downtime.
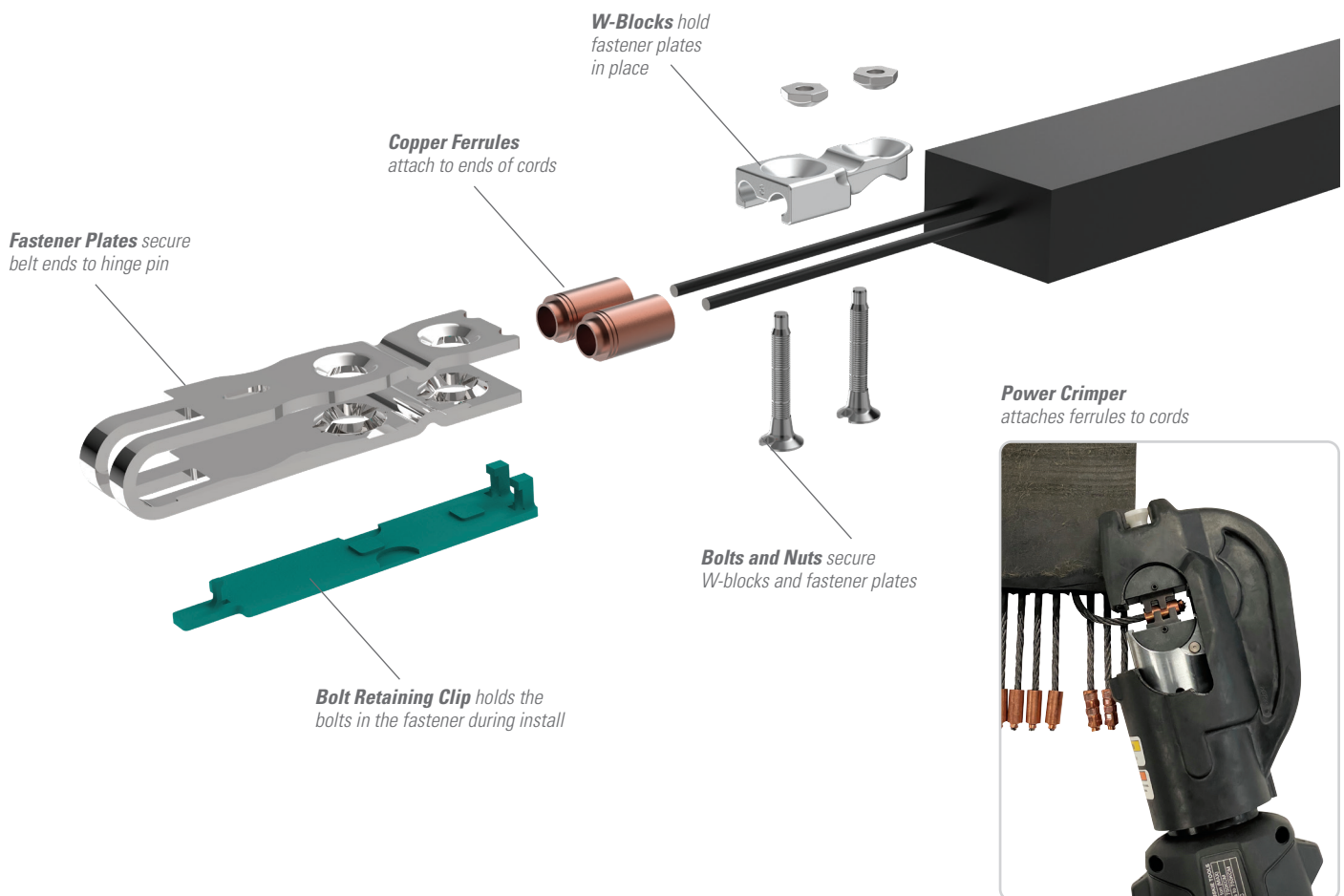
Quick Installation
This product was engineered to allow any team to get a steel cord belt back into operation in as little as half of a workday.

Durable
High quality components designed to ensure strong performance while awaiting vulcanization.

Pre-Splice Capability
The FXC™ can be prepared ahead of time on a new roll of belt for minimizing downtime.

W-Blocks hold fastener plates in place

Copper Ferrules attach to ends of cords

Fastener Plates secure belt ends to hinge pin

Power Crimper attaches ferrules to cords

Bolts and Nuts secure W-blocks and fastener plates

Bolt Retaining Clip holds the bolts in the fastener during install
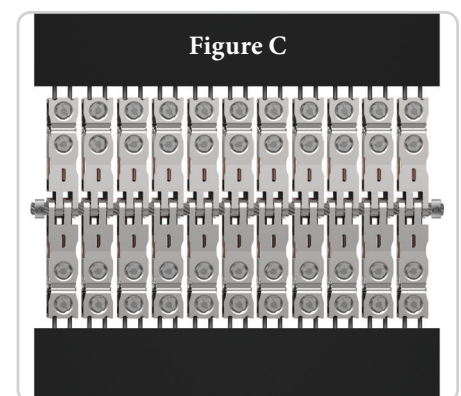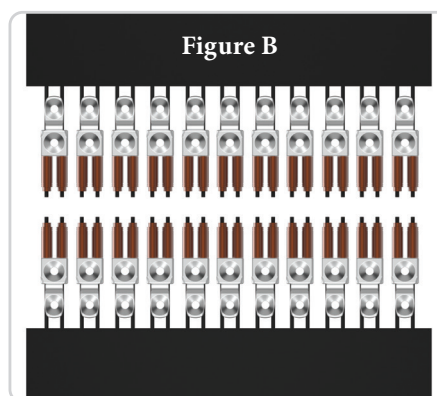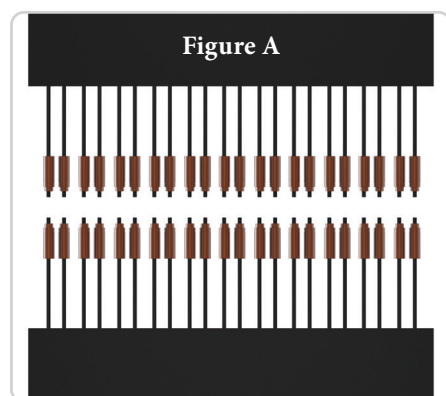
FXC™ Steel Cord Belt Fastening System

Steps To Install

1. Remove the top and bottom covers and strip the rubber from the belt cords.

2. Crimp the ferrules onto the cords of the belt. (Figure A)

3. Place the W-blocks and fastener plates onto the steel cords. (Figure B)

4. Secure W-blocks and fastener plates with nuts and bolts.

5. Break or grind off bolt ends and peen flat.

6. Join belt ends together and insert the hinge pin. (Figure C)

7. For emergency splice only, cover splice with filler rubber.

For detailed installation instructions, please see the Instruction and Operations Manual.

Figure A

Figure B

Figure C

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FXC™ STEEL CORD BELT FASTENING SYSTEM

Ordering Information

Because there are many different steel cord belt constructions, a data sheet is used to collect information so a custom splice kit can be made for a specific belt. The key information needed for creating a splice kit is below. The FXC™ data sheet can be found on its product page on the Flexco website. Once completed, please submit to info@flexco.com for kit creation and quoting.

1) Belt Rating (ST500 to ST2500) 3) Cord Pitch (11mm to 23mm) 5) Belt Width (No Width Restrictions)

2) Cord Diameter (2.5mm to 7.0mm) 4) Total Number of Cords

FXC™ Steel Cord Belt Fastener Tool Kit *(Ordered separately)*

FXC™ Tool Kit Ordering Information

Description	Ordering Number	Item Code
FXC Installation Tool Kit – With Batteries and Charger*	FXC-ITK	111282
FXC Installation Tool Kit – Without Batteries and Charger**	FXC-ITKG	111187

*For Shipment in North America Market
** For Shipment to Markets outside of North America

*12 Ton Powered Crimper is **REQUIRED** for FXC™ installation (included in installation tool kits and is also available as a stand-alone item).*

Powered Crimper and Crimper Dies

Description	Ordering Number	Item Code	Included with Full Tool Kit
12 Ton Crimper With 2 Batteries and 1 Charger*	FXC-PCB	111081	1 (with 111282)
12 Ton Crimper Without Batteries or Charger**	FXC-PC	111144	1 (with 111187)
Powered Crimper Die Holder Base - 1 Set	FXC-DH-2	111224	1 Pair
Crimper Die for A-B Ferrules - 1 Set	FXC-CD-AB	111056	Included with Splice Kits (Not in Tool Kit)
Crimper Die for C-D Ferrules - 1 Set	FXC-CD-CD	111057	
Crimper Die for E-F-G Ferrules - 1 Set	FXC-CD-EFG	111058	
Crimper Die for H-I-J Ferrules - 1 Set	FXC-CD-HIJ	111059	
2 Spare Crimper Batteries and 1 Charger	FXC-PCBK	111143	(Spare Only)
Spare Crimper Battery - Single	FXC-1BATT	111145	(Spare Only)

*For Shipment in North America Market
** For Shipment to Markets outside of North America

Belt Preparation Components

Description	Ordering Number	Item Code	Included with Full Tool Kit
Straight Oscillating Blade- 20 Blades Total	FXC-SOB-20	111146	20 Total Blades
Round Oscillating Blade- 2 Blades Total	FXC-ROB	111149	2 Total Blades
Pointed Oscillating Blade- 10 Blades Total	FXC-POB	111186	10 Total Blades
Oscillating Blade Sharpener - Single	FXC-OBSH	111217	1 Sharpener
Deburr (Flap) Disc - 2 Total	FXC-CDW	111220	2 Deburr (Flap) Discs
Crimped Wire Wheel - 2 Total	FXC-CCW	111222	2 Crimped Wire Wheels
Cord Nipper - Single	FXC-CN	111223	1 Cord Nipper
Angle Grinder Adapter - Single	FXC-AGA	111225	1 Adapter

Hand Tools For Fastener Installation

Description	Ordering Number	Item Code	Included with Full Tool Kit
H100 Hex Driver - Single	H100	30446	3 Total Hex Drivers
Quick Change Chuck - Single	5552	30481	3 Total Chucks
Hand Crimper- Single	FXC-HC	111218	3 Total Hand Crimpers
Bolt Breakers - 1 Pair	110-112	30595	1 Pair
6 lb. Hammer - Single	6FH	30375	1 Hammer
Setting Plate - Single	ST-28	50249	1 Setting Plate

*Light green shaded areas indicate **Tools Required for Installation***

Liquid Urethane Splice Cover Materials

Description	Ordering Number	Item Code	
4 lb. Liquid Urethane Kit	FILLRUBBER-4	111227	Available on request with Emergency Splice Kit (not in tool kit)
4 oz. Liquid Urethane Primer*	FXC-FRP	112087	
Tape for Liquid Urethane**	FXC-FRT	111392	

*One can of primer required for emergency splices up to 1500mm (60") wide belt. Over 60" (1500mm) wide belt requires two cans of primer.

**One roll of tape required for emergency splices up to 1500mm (60") wide belt. Over 1500mm (60") wide belt requires two rolls of tape.

Visit **www.flexco.com** for other Flexco locations and products, or to find an authorised distributor.

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