

Welcome to Flexco<sup>®</sup> Bolt Solid Plate

**FLEXCO<sup>®</sup>**

**For Repairing Rips in Conveyor Belts**



**HEAVY-DUTY FASTENER SYSTEMS**

# Applications

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- Coal
- Hard-Rock Mining
- Foundries
- Grain Elevators
- Aggregate Plants
- Steel Mills
- Recycling



# Selection Guide

<b>Fastener Size</b>	<b>Belt Thickness Range mm (in.)</b>	<b>For Belts with Mechanical Fastener Ratings up to kN/m (P.I.W.)</b>	<b>Recommended Minimum Pulley Diameter* mm (in.)</b>
<b>1</b>	5-11 (3/16-7/16)	30 (150)	300 (12)
<b>140</b>	5-11 (3/16-7/16)	40 (225)	350 (14)
<b>190</b>	8-14 (5/16-9/16)	60 (330)	450 (18)
<b>1-1/2</b>	11-17 (7/16-11/16)	50 (300)	450 (18)
<b>2</b>	14-21 (9/16-13/16)	75 (440)	750 (30)
<b>2-1/4</b>	14-30 (9/16-1-3/16)	105 (620)	900 (36)
<b>2-1/2</b>	19-25 (3/4-1)	75 (450)	1050 (42)
<b>3</b>	24 (15/16) & over	100 (560)	1200 (48)

\* Operating tension 75%-100% of Belt Rating

# Superior Strength

- Strong, sift-free splice with superior holding ability.
- Compression fastener – plates are mounted above and below the belt with high tensile strength bolts.



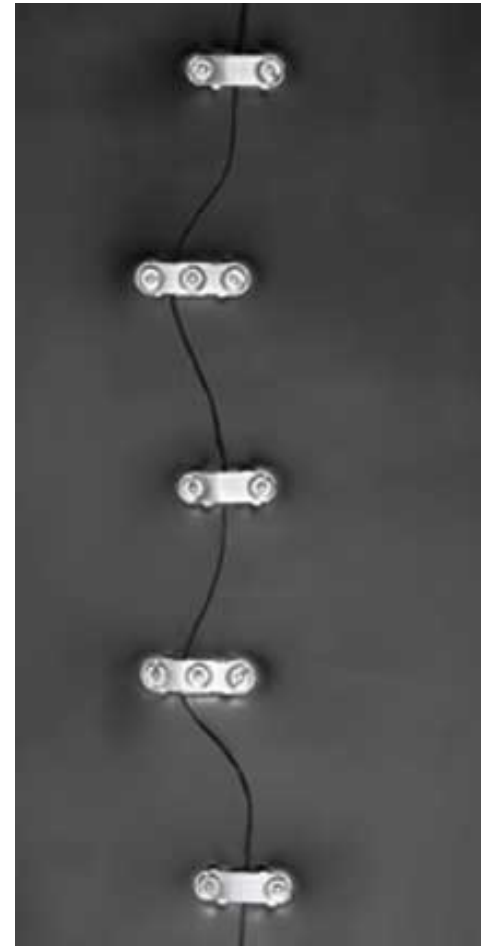
## Easy Installation

- Exclusive Flexco piloted bolt speeds installation.
- Piloted bolt tips cradle nuts securely in place – aligning the bolt and nut threads as the nut is turned.



# Rip Repair

- Use standard Flexco Bolt Solid Plate fasteners to repair belt edge tears and holes.
- Three-bolt Rip Plate fasteners can be used to bridge 'soft' spots.
- For jagged length-wise tears, standard fasteners can be combined with three-bolt Rip Plate fasteners.



# Installation Tools & Supplies

- The only tools needed are a templet and **portable hand and power tools.**
- Impact wrench driven power tools are recommended since they can speed installation time by at least 50%

