

# Installing Flexco® Bolt Solid Plate

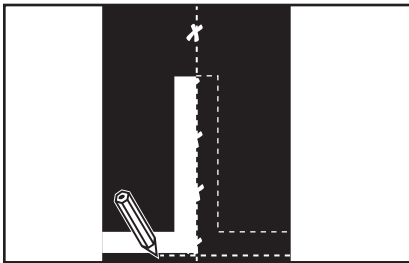
## Instructions for Installation

### DANGER

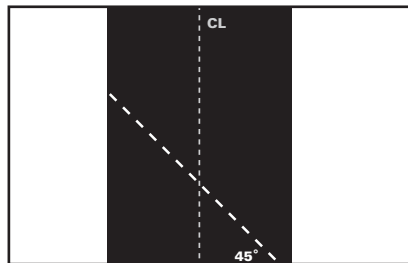
Serious personal injury may result by failure to comply with the following:

Prior to any work on your conveyors, make certain that the power has been turned off and the belt is locked out. Follow other safety precautions outlined in the operator's manual.

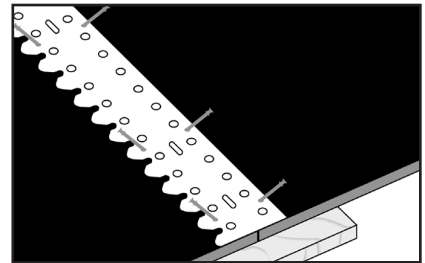
Be sure to wear all recommended safety equipment prior to engaging in any belt maintenance procedure.



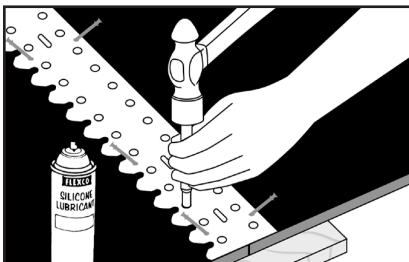
1. Square belt ends using centerline method. Cut belt ends using Flexco 900 Series Belt Cutter.



**NOTE:** For a 45° Splice, cut squared belt end on a 45° angle. Use the 45° cut belt end as a guide for cutting off the other end of the belt. Make sure that center lines match up and are straight.



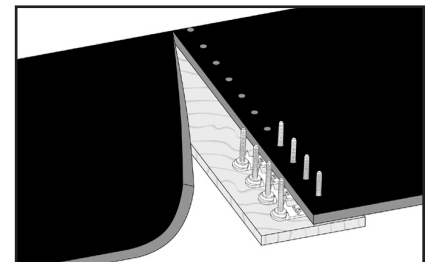
2. Support belt ends with wood plank. Nail Flexco Templet in position with belt ends tight against lugs.



3. Spray templet holes with Flexco Silicone Lubricant. Punch or bore bolt holes. Remove templet.

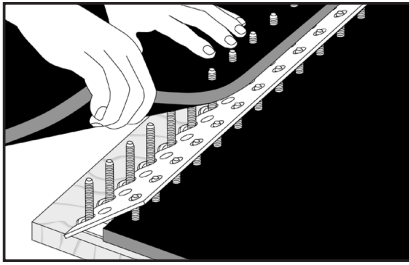


**NOTE:** A ½" square drive electric impact wrench with Flexco 5552 Quick Change Chuck will speed hole boring operation. Max torque: 250 Lb-Ft (340 N-m).

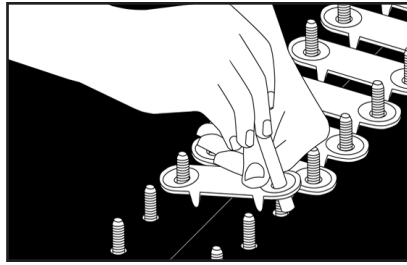


4. Fold one belt end back and insert bolts in one row of holes.

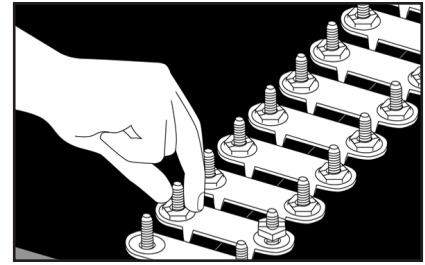




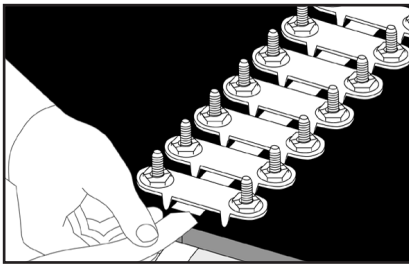
5. Align bolts with templet teeth and place the other belt end over bolts. Remove templet.



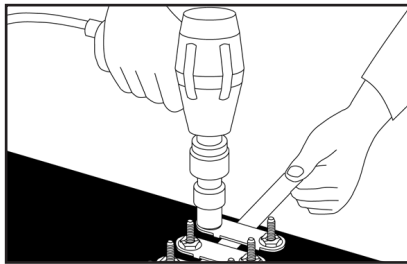
6. Place top plates over bolts using bolt horn.



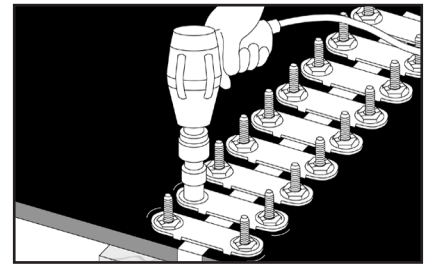
7. Start nuts on bolts by hand.



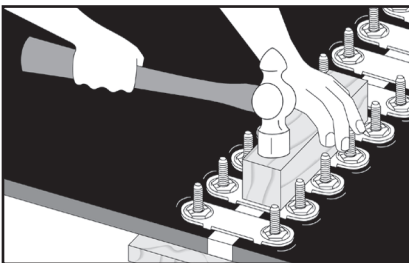
8. Cut Flexco-Lok® Tape 3-1/2 times the belt width and feed tape under top plates, under the bottom plates, then back under top plates.



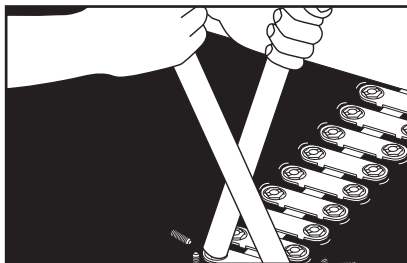
9. Pull tape tight and hold in position by tightening a fastener at each end. Then tighten all other plates.



10. Tighten all fasteners from edges to center. Tighten all nuts uniformly. **NOTE:** A Flexco Power Wrench used with an impact tool will speed this step considerably.



11. Hammer plates in belt with wood block. Retighten nuts.



12. Break off excess bolt ends using two bolt breakers. Peen or grind bolts to finish.