

# INSIGHTS™

Belt Conveyor Maintenance

TECHNICAL SOLUTIONS FOR BELT CONVEYOR PRODUCTIVITY

## *The Importance of Skiving a Belt*

**Why** Is It Important to Skive a Belt

**Prior** to Mechanical Fastener Installation?

Skiving a belt removes a portion of the belt top cover to simplify fastener installation. By removing part of the top cover, the installed fasteners create a stronger grip on the belt carcass.

**Achieve** a lower profile

Since skiving a belt removes the top layer from the belt, it leaves room for the fasteners to lie even with or below the rest of the belt surface. This feature reduces the chance of the fasteners interfering with any of the belt components or conveyor structure.

**Longer** splice life

Skiving a belt will ensure longer splice life by achieving a lower profile to prevent excess wear and tear on the fasteners.

**Compatibility** with cleaners

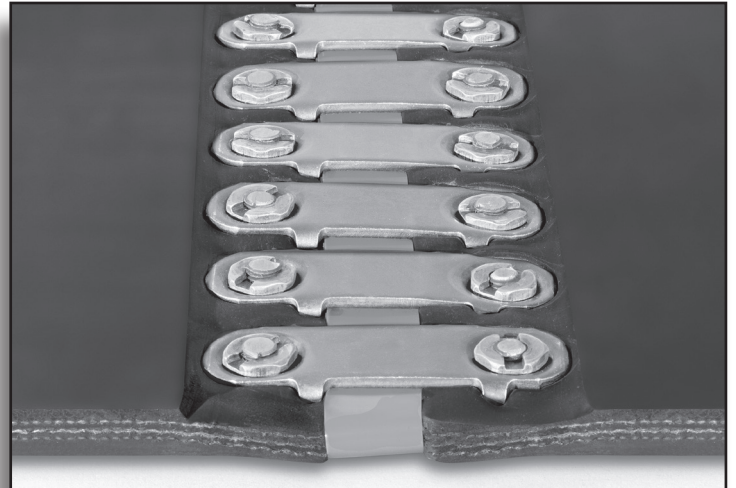
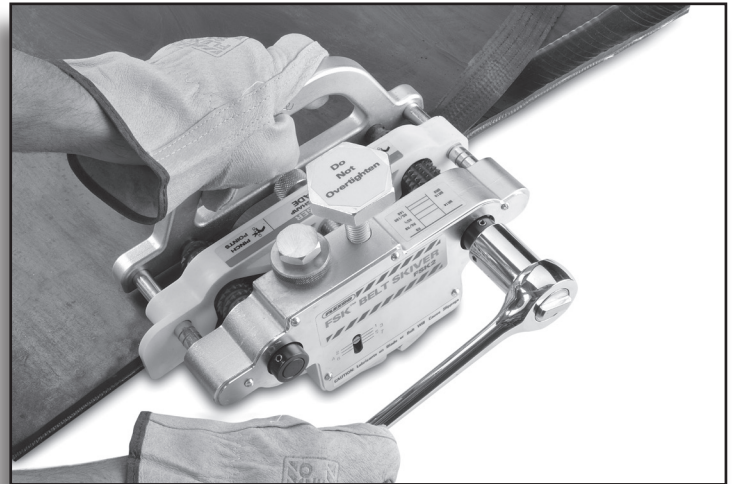
When a belt is skived, cleaners and other conveyor components are able to work on a smooth surface without seeing interference from the belt fasteners. A skived belt creates a compatible surface for cleaners and increases cleaner blade and fastener life.

**Better** wear of fasteners when used **with** skirting

A skived belt also reduces wear and tear on the skirting and fasteners. Placing the top of the fasteners beneath the lower edge of the skirt rubber eliminates the excessive wear on both the skirting and fasteners.

**Improved** strength of belt splice

When using a bolt solid plate type fastener, the skiver removes the top rubber layer from the belt to ensure that the teeth of the fastener are properly engaged in the carcass. By placing the top and bottom fastener plates closer together, a stronger belt splice is achieved.



## **A Safer Way to Skive a Belt**

The FSK™ Belt Skiver is designed to remove a portion of the belt's top cover for installation of recessed splices. The FSK™ Skiver is specially designed to help ensure quick, safe, and accurate cover removal at the proper depth for the mechanical fastener selected for the application. It eliminates the danger and imprecise cuts that can result from hand-knife skiving. It is also a cleaner and faster alternative to a router, since the skiver removes the top cover as one continuous strip, and does so in only a few minutes.

