

TECHNICAL BULLETIN

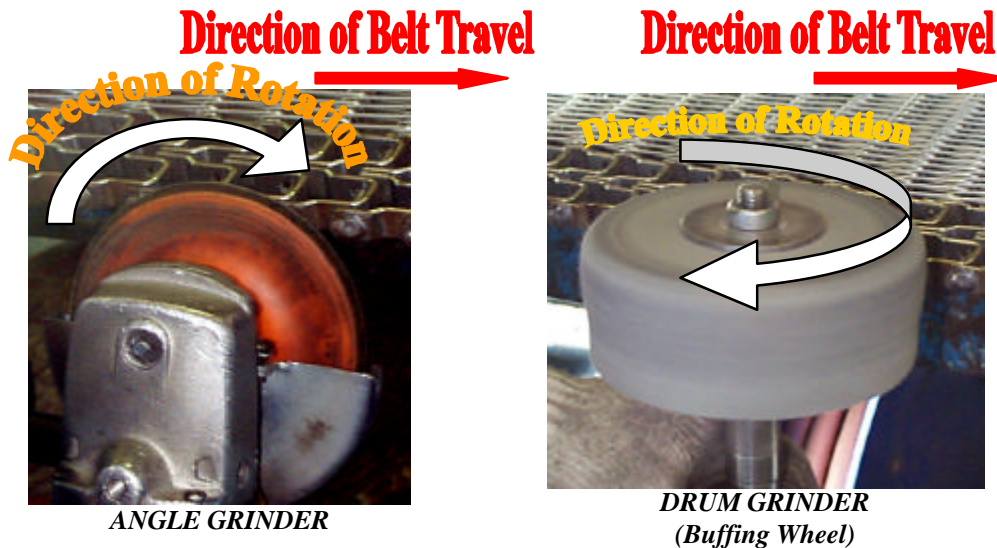
EDGE FINISH ON OMNI-GRID® BELT

When it is necessary to repair or resurface the welded button head on an Omni-Grid belt, such as after splicing, it is important to insure that this is done correctly. Poor or incorrect finishing of the weld on the button head will cause damage to cage bars and wear strips.

Procedure

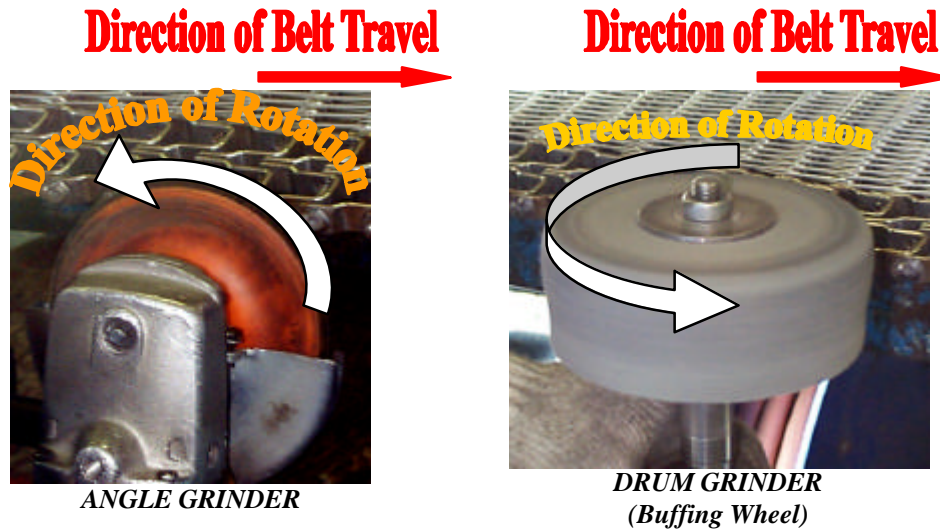
- Position yourself where the belt edge is easily accessible
- The direction the grinder is passed over the belt edge is dependent on the application. Ashworth recommends that the grinder (120 grit or finer) be moved in the direction of belt travel for spiral applications and opposite the direction of belt travel for fixed turn applications. This will produce the burr opposite to the contact surfaces of the belt and plastic.

SPIRAL APPLICATION



EDGE FINISH ON OMNI-GRID® BELT (con't)

FIXED TURN APPLICATION



- The burr produced by the grinder must be removed to prevent damage to the plastic cage bars or wear strip. Use a “flapper” wheel to round off the ground edges.
- A final pass with buffing wheel is recommended using a slight rocking motion will create a desirable domed head finish.
- When grinding a weld care should be taken to insure adjacent heads are not damaged.
- The finished belt edge should be smooth with rounded contact surfaces. To test for acceptability run a cheese cloth over the belt edge. It should not catch or snag.



ASHWORTH WELD

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