

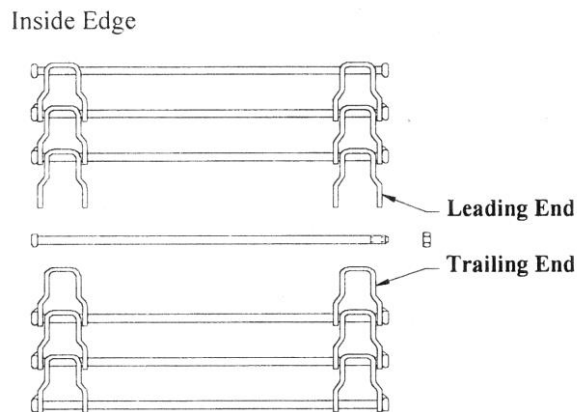
Splicing Unigrid / Spiragrid Belts

Installation Instructions

For successful and efficient belt operations it is essential that the following installation and operation instructions be followed carefully.

Placing the ends of the belt sections together, nest the trailing end of the belt length with the leading end of the belt length.

If a Balanced mesh overlay is part of the belt construction, insure that the spirals to be joined are of opposite hands. If a Unilateral mesh overlay is present, the spirals to be joined will be of the same hand. Match the spiral loops across the full belt width, avoiding double loops.



Insert threaded connector rod through the links and mesh (if applicable) with the buttoned head of the pin on the appropriate side of the belt. If the belt has mesh overlay, be sure that the rod is inserted through all the spirals, including the pigtails.

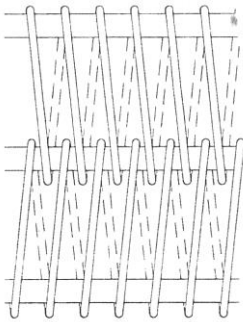
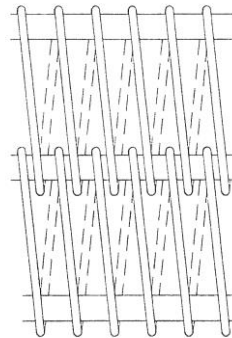
Insure that the end links have not been damaged during transportation and that the links collapse (nest) and open without interference.

Place nut on the threaded end of the rod and tighten the nut to the bottom of the thread. Cut any excess rod off. Weld the nut to the connector rod.

With the belt lying flat, both edges parallel and the belt links correctly positioned, weld the nut and the buttoned head to the belt link.

No welding is required on the centre link on belts that have this construction.

Caution: Take care not to weld two links together. Ensure that all burrs and weld spatter after welding are filed or ground off as these will damage and catch conveyor wear strips.

Balanced Weave
Mesh OverlayUnilateral Mesh
Overlay

Removing sections of Unigrig / Spiragrid Belts

If possible, separate the belt at the existing splice. Always remove the links at the leading end of the section to be removed. Do not cut, remove, or damage the links at the trailing end. If the belt has a mesh overlay, be careful not to cut or damage the spirals.

If the belt has a centre row of links then a connecting rod should be chosen that has not been welded to the centre link.

At the section to be removed, the outside weld and button should be carefully ground off. If an internal weld is part of the construction then this should be cut using a hack saw allowing the connecting rod to move freely.

If the belt is welded inside and outside of the link the connecting rod shall need to be cut adjacent to the internal weld (care is to be taken if the belt has a mesh overlay) to allow removal.

If the belt is to be re-spliced then please refer to previous section.