



TECHNICAL BULLETIN

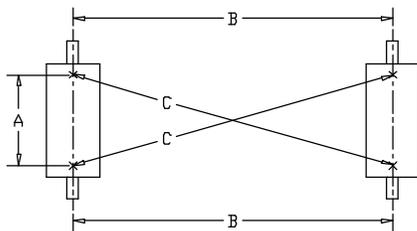
ASSEMBLY INSTRUCTIONS

FLAT WIRE BELT

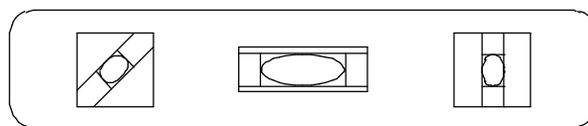
- ◆ To facilitate handling and installation, most Flat Wire belts are shipped in two or more sections because of their length and weight.
- ◆ Care should be used in uncrating to prevent damage. If damage occurs, remove affected pickets or rods from belt.
- ◆ Joining the sections of a Flat Wire belt or making the belt endless is simply a matter of bringing the two sections together so that the formed flat wire pickets and the holes for the connector pin coincide, then inserting the connector.

BEFORE INSTALLING BELT

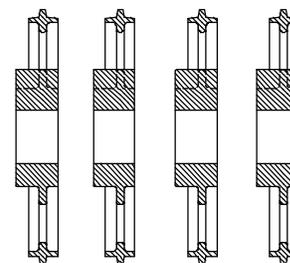
Square and Level Terminal Shafts



Level Belt Support Structure



Orientate All Hubs in Same Direction
 Sprocket Hubs

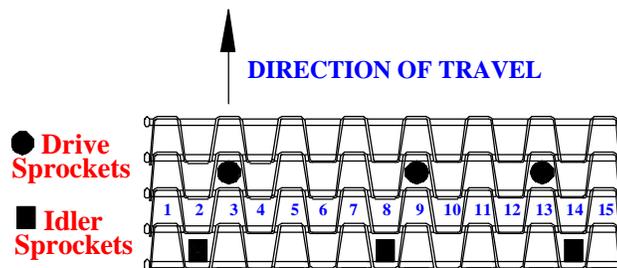


Applications in Heat

If excessive heat is present, suggest customer only lock the middle sprockets onto shaft as the outer sprockets may need to “float” along the shaft allowing for belt expansion and contraction.

INSTALLING BELT

- ◆ Locate *drive* sprockets in odd numbered mesh openings.
- ◆ Locate *idler* sprockets in even numbered mesh openings.
- ◆ Space sprockets evenly along drive and idler shafts.
- ◆ Insure that outside drive sprockets are located in third mesh opening from each belt edge and that outside idler sprockets are located in second mesh opening from each belt edge.

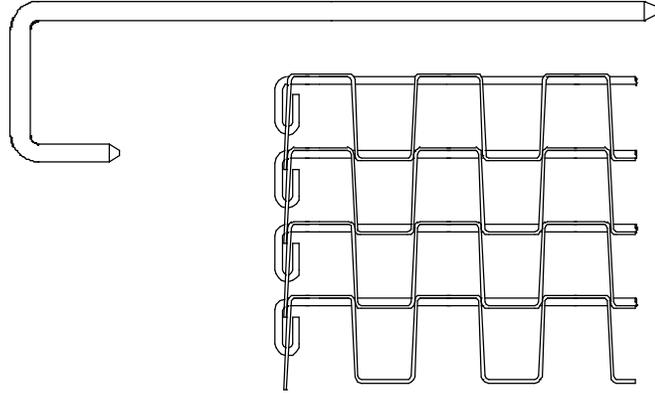


INSTALLING BELT (con't)

Flat Wire Belts with Safety Clinched Edges

Connectors are furnished cut to length with a hook formed at one end.

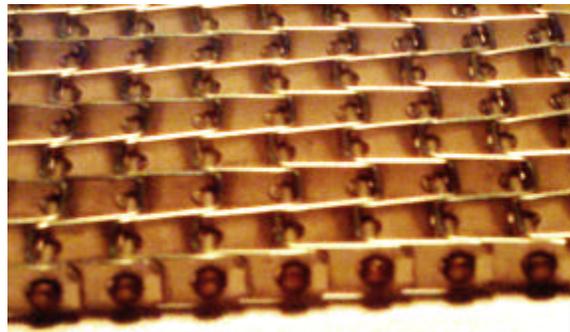
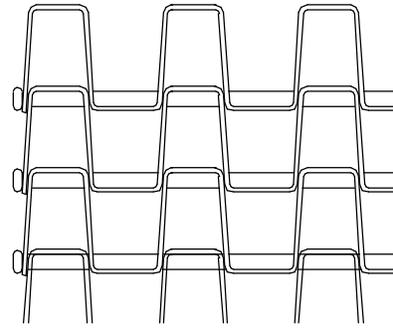
1. Insert connector
2. Close the partially formed edge, duplicating the edge formation as noted from the balance of the belt
3. Compress the belt width to gain additional clearance and with a pair of pliers form a hook. Insert it into the holes and clinch it over



Flat Wire Belts with Welded Edges

Connectors are furnished cut to length with a hot upset at one end and extra hex nuts for the threaded end.

1. Insert connector
2. Hold end at hot upset with pliers. Tighten hex nut to the extreme bottom of the threads to make belt width uniform
3. Use a wire cutter to remove excess protruding connector
4. Secure hex nut position by peening, tack welding or other



Buttonhead welds on an A5SC
True 1/2 x 1/2 Flat wire belt.

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