

End Wall Cross Connector

The end wall connector is manufactured in the OPEN position for an easier installation over the hoops. End wall cross connectors help to keep the ridgepole from extending past the end hoops and poking the plastic end walls. We recommend adding a #8 self tap screw to all tension bands and end wall cross connectors - but not the saddle type cross connectors.

Note: Since each hoop will be connected to the first end wall it should be carefully made plumb and held that way as you make the connections. You can do this easily using stakes and rope. Wrap a rope up and around the hoop. Using a magnetic level, stake the rope securely on either side of the hoop with the hoop directly perpendicular to the ground. If you need to, move the stakes slightly left or right in order to secure the hoop in the proper position.

Tools / Parts

- Ladder
- Clamps
- Drill with 3/16" drill bit
- Hammer (16 oz)
- Slip joint pliers for installation.
- End Wall Cross Connectors with hardware



Installing Band Clamp

1. Place Ridge Pole past the lower loop but not further than 1/2 way past the hoop, tighten the gold nut and bolt supplied with the end wall cross connector.
2. Pre drill at "Point A" with a 3/16" drill bit. These connectors are thicker metal so be prepared to use extra force.
3. Use a clamp to press the ear that faces the inside of the hoop house with the pre-drilled holes against the hoop. Secure with #8 self-tap screws.
4. Use slip joint pliers and a 16 oz. hammer to curl the outside ears further around the end wall hoop. It is not necessary to make the end wall cross connector snug around the hoop.
5. Finally, drill through the end wall cross connector and ridge pole. Insert a 2" bolt with a lock washer and nut (same as ground post nut/bolt) at point C.
6. When you install the lock channel over the ears you can install self-tap screws close to, **but not through**, the ears of the end wall cross connector to add tension.