

How to Assemble a Bee Hive Frame & Beeswax Foundation

This is how we assemble our National bee hive frames & beeswax foundation
All our frames assemble in the same way.
A Standard Deep Frame is shown as an example

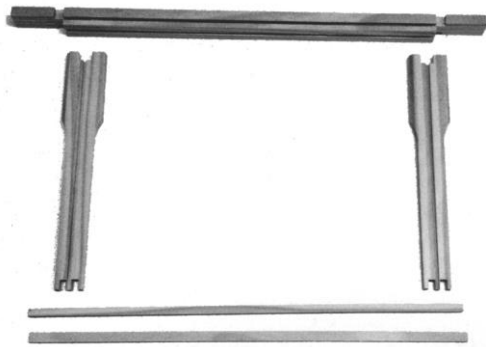
You will need
Available on our website here:
[Bee Hive DIY Tools, Nails](#)

- Hammer or Rampin and craft knife
- 19mm, ¾ inch frame pins – at least 11

1

Each frame is made of the following parts

- **Top Bar**, 1 piece - note the breakaway **Wedge** is still attached
- **Side Bars**, 2 pieces - note that the groove will be on the inside of the frame
- **Bottom Bars**, 2 pieces



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- Remove the breakaway **Wedge** using a craft knife
- Check the fit of joints, use a craft knife to correct any imperfections



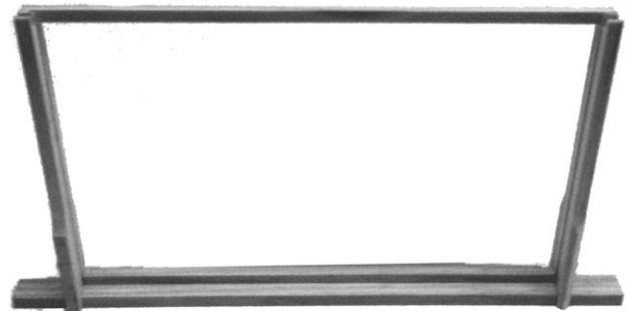
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- Fit the **Side Bars** to the **Top Bar**
- Ensure the grooves on the **Side Bars** are on the inside
- Note the picture shows the gap where the **Wedge** was, facing out



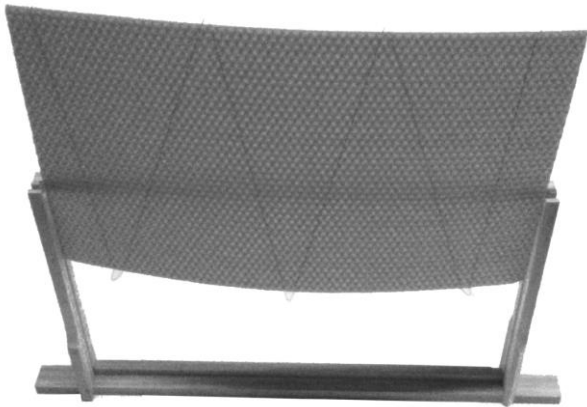
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- Fit a **Bottom Bar** to the **Side Bars** on the far side



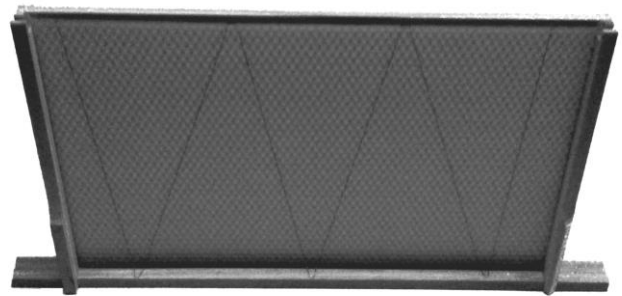
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- Ensure the beeswax foundation is the correct way around with the 3 wire loops at the bottom
- Check that the beeswax foundation will fit comfortably between the grooves in the **Side Bars** without buckling – trim if required



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- Slide the beeswax foundation into place between the grooves in the **Side Bars**
- Bend the 3 wire loops 90° so they lay flat on the **Top Bar** as shown



7

- Fit the second **Bottom Bar** into the **Side Bars**
- Nail through the **Wedge** and the wire loops into the **Top Bar** as shown
- Nail through the **Bottom Bars** into the the **Side Bars** as shown
- Nail through the **Side Bars** into the **Top Bars** on both sides as shown
- **Finished**
- If you wish, the top and sides of the top bar and the side bars could be treated with petroleum jelly. Use a cloth or sponge to work it into the wood, one application should be sufficient. This will create a barrier preventing any propolis or brace comb from sticking components together

