

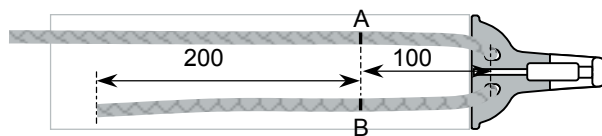
# HMPE Pole Bridles

Bridles for carbon poles are made from 100% HMPE rope. This has minimal stretch, and does not damage the pole's surface when stowed on deck.

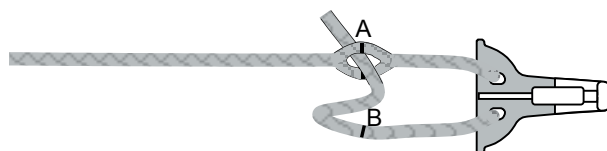
## Method

### Pre Assembly

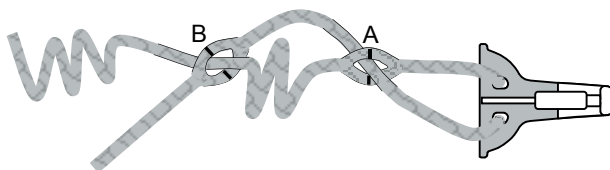
1. Cut the rope into equal lengths.
2. Feed one end of each through the pole end fitting.
3. Make marks A and B as shown.



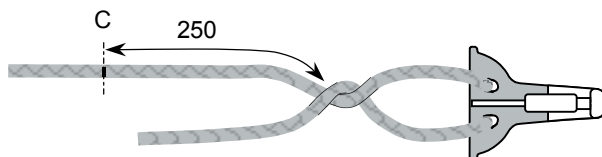
4. Feed the short end through the long part at A.



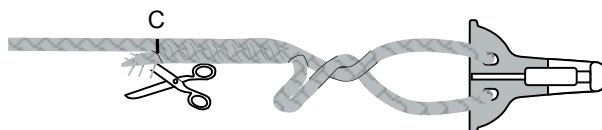
5. Feed the long part through the short end at B.



6. Pull the two loops together. Make a mark at C



6. Feed the short end through the middle of the long part, to exit at C. Taper the short end by cutting 6 strands as shown.



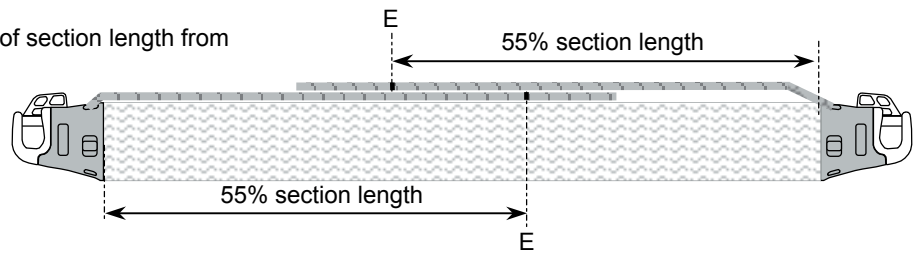
8. Smooth the long part to swallow the short end.



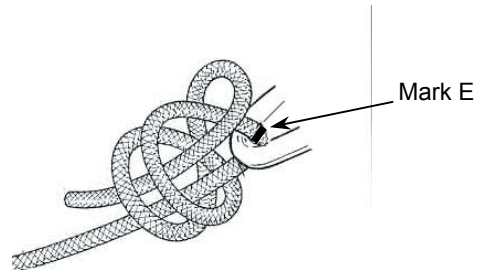
### Final Assembly

4. Lay each bridle line along the pole section.

5. Mark each line at **E**, 60% of section length from end.



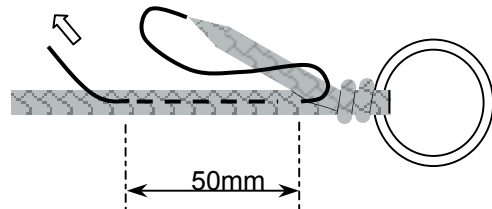
6. Tie each bridle part to the central ring using a Running Knot. Ensure that the marks are as shown.



7. Using a splicing needle, feed each free end into the centre of it's standing part close to the knot, and out again 50mm from the knot.

8. Pull the free end and cut at 10mm closer to the knot than the exit. Taper the cut end.

9. Smooth the outer to swallow the cut end.



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