

# Timm™ Splicing Guide

## Timm™ Master 12 SBA



### 1. Measuring the eye splice length.

From the end of the rope, there should be 16 tucks of braiding. Mark this point with a pen or tape as shown. You will need an extra length of the SBA strand with a minimum length of 1,5m.



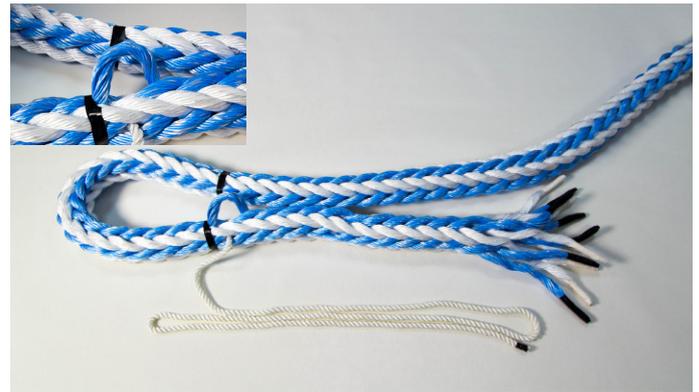
### 2. Pull out the SBA core from the rope.

Pull out the SBA element from the rope up to the marked point.



### 3. Prepare for splicing and measure eye size.

Remove the tape at the end of the rope. Tape the end of each strand. Good practice is to use a different color of tape for every strand colour. Mark the size of the eye with tape and turn the rope so that the two marked points are aligned, as shown.



### 4. Pull out first strand for splicing.

From the marked point closest to the taped ends, pull out a blue strand. This blue strand will be spliced into the opposite marked point.



### 5. Splice the blue strand into the rope.

Take the blue strand and tuck this under the two white strands in below the opposite marking, as shown. In this case you are tucking under two left twisted strands. Always keep following same paths and directions of the strands in the main rope.



### 6. Pull out the second strand for splicing.

The second strand for splicing is placed next to the first blue strand, at the marked point closest to the taped ends. Pull out this blue strand and then tuck this strand under the next two white strands from the second marking, same as point 4 and 5.

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### 7. Finalize the first set of splicing.

Continue with this method until all six of the blue right twist strands have been tucked beyond the second marking.



### 8. Turn the rope over for second set of splicing.

Turn the rope over as shown and pull out the first white strand from the first marking.



### 9. Tuck the white strand under the two blue strands.

Tuck the white strand under the first two blue strands beyond the second marking. Please ensure that you are pulling strands from left to right, in order to avoid unbraided rope construction.



### 10. Finalize the second set of splicing.

Continue with this method, until all of the white left twist strands have been tucked beyond the second marking. This results in one complete set of splicing. For a good result, keep the twist in the strand while splicing.



### 11. Turn the rope approximately 180 degrees.

This will bring the rope into the next splicing position, as shown.

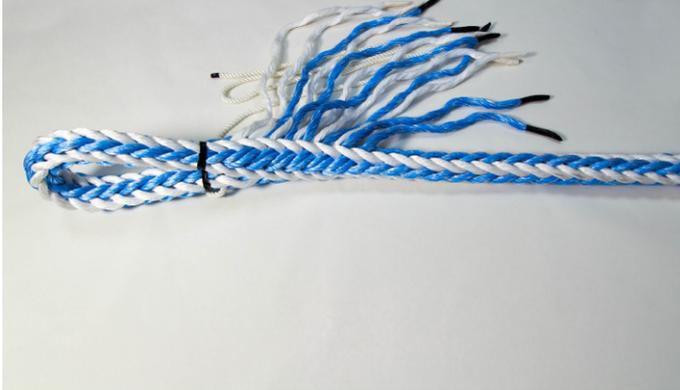


### 12. Continue the same technique as in Step 5.

This time you are making your second tuck with the blue strands under white strands. Complete this set.

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### 13. Finalized set of blue strands.

The completed set of second tucks with blue strands should leave the rope as pictured.



### 14. Complete the last round of splicing.

Continue with the splicing method (including rotation), until the 1st, 2nd, 3rd and 4th rounds of tucks are completed - for both the blue and white strands. The splice is completed when each strand has been tucked 4 times.



### 15. Preparing for hiding the strands.

In order to hide the strands after completing the splice, tuck the strands through the core and then pull the rope tight out from the centre. If there are too much excess fiber, continue to point 16. If all strands are hidden, continue to point 17.



### 16. Finalize the splice by cutting the remaining fiber.

Pull the strands tight from the centre, then cut the remaining strand material using a knife - as close as you can to the rope surface without causing any damage. All ends must be hidden. In this step, you might already have hidden all material in the centre of the rope, without needing to cut any excess material.



### 17. The finalized splice as shown.

This is the finished splice, with the loose SBA strand length.



### 18. Next step is to splice the SBA into the rope.

Now begin tucking the SBA strand under two white S strands as shown. Tucking beyond the second marking.

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**19. Finish first SBA tuck splice under two white strands.**

All tuck splices with the SBA will be under white strands, and over blue strands.



**20. Turn the rope away from you and continue with the second tuck splice under two white S strands.**



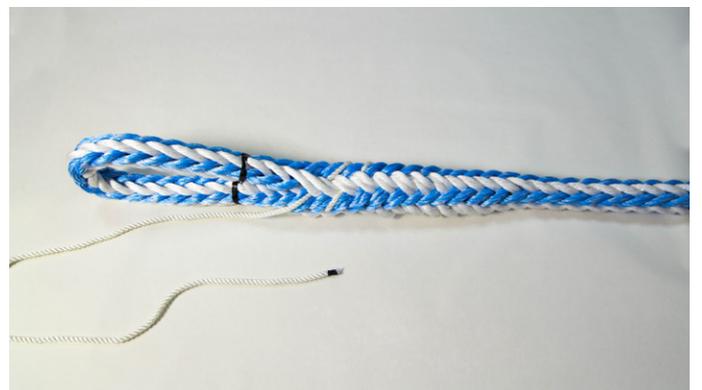
**21. Turn the rope again and continue with a 3rd tuck splice under two white S strands.**



**22. Continue turning the rope and perform the 4th tuck splice under two white S strands.**



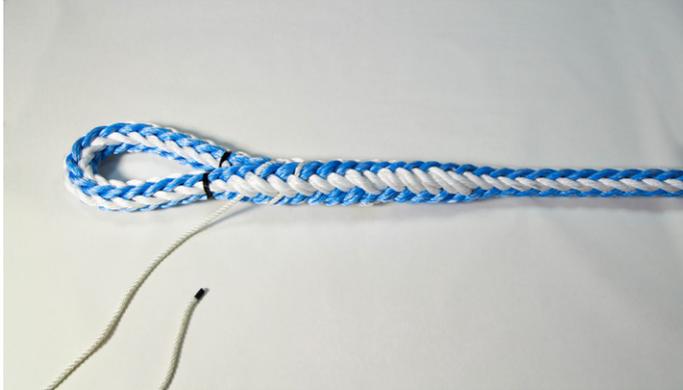
**23. Change the tuck direction - moving backwards.**  
Turn the rope and proceed with a 5th tuck splice as shown.



**24. Turn the rope as shown and continue with a 6th tuck splice under two white S strands.**

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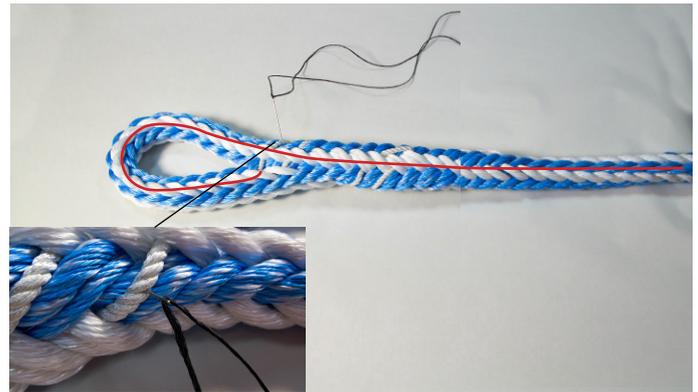
**25. Proceed with a seventh tuck splice, following the same method (including turning the rope).**



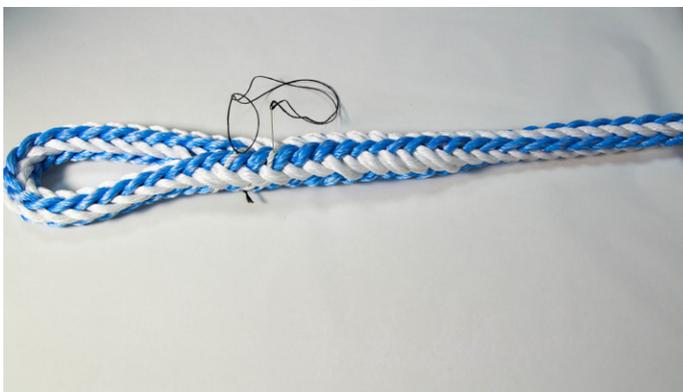
**26. Turn the rope, continue with an 8th tuck splice under two white S strands.**



**27. Feed the SBA into the centre of the rope eye.**  
The remaining SBA strand material is cut with a knife close to rope surface, without damaging the main rope. The SBA element is then hidden in the centre of the rope. As shown, cut of the rope which is in the direction of the arrow.



**28. Prepare a needle with double thread yarn.**  
Stitch through the SBA strand on both sides of the rope. The SBA strand must be sewn only in the splice area of the Timm™ Master rope. Do not sew the SBA element inside the rope, as illustrated here with the red line.



**29. As shown, sewing of the SBA must be done in both directions.**



**30. Now you have successfully completed the splicing of a new eye on Timm™ Master 12 SBA.**