



MEGAPLAIT TAPERED EYE SPLICE

FIGURE 1

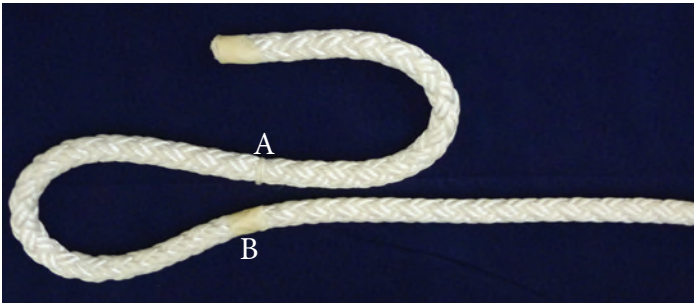


FIGURE 2

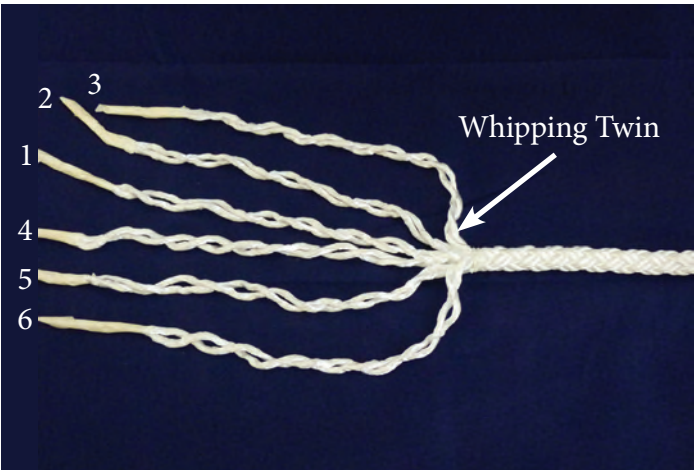
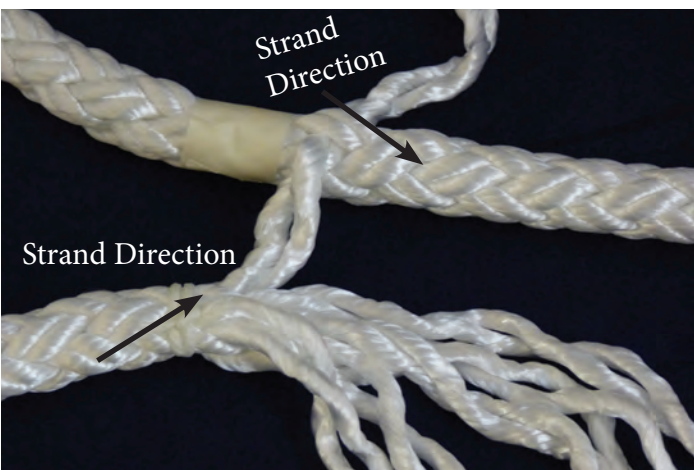


FIGURE 3



Step #1 – Beginning The Splice - Measure from the end of the rope one full fid length (or 21 times the diameter) and place a wrap of twine around the rope at this point and tie tightly, this is Mark A.

Now form desired size of eye and place a wrap of tape around the rope opposite Mark A, this is Mark B.

Step #2 – Strand Separation - Tape each of the 6 strand pairs together, and un-lay strands back to Mark A. Label strand pairs 1 through 6 as shown in photo.

Note: when looking at the twist of the yarn in the strands, strands 1,3,& 5 should all be twisted in the same direction, while the yarn in strands 2,4,& 6 should be twisted in the opposite direction

Step #3 – Initial Strand Tuck - Starting with strand pair #1, select a strand pair that turns in the opposite direction as strand pair #1 and tuck strand under the selected strand pair. Make only one tuck. Strand pair #2, select the strand pair next to the one used for pair #1 that turns in the opposite direction. Make one tuck. Strand pair #3 is to be tucked under the strand pair that turns in the same direction as that for the #1 strand pair. Strand pairs #4 and #6 are to be tucked under strand pairs that turn in the same direction as the one used for the #2 strand pair. Strand pair #5 is to be tucked under a strand pair that turns in the same direction as the ones used for #1 and #3 strand pairs. Pull all strand pairs snug to the rope.



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FIGURE 4

Step #4 – Strand Tucks - For the next series of tucks, follow the braid pattern of the rope, go over a strand pair then under a strand pair (as shown in photo).

Note: Essentially you are doubling up the braid from two strands to four.

Perform a total of 2 tucks with all of the strands.



FIGURE 5

Step #5 – Taper - After the second full tuck, split the six strand pairs by half

Note: To avoid confusion as to which strands are to be tucked, you may want to tape the ends that are no longer in use back and out of the way.

Tuck all six (6) of the split strand pairs an additional tuck, following the method described in step 4.

Next, tuck only four (4) of the strands one more time

Note: choice two with the twist in yarn that is in one direction (S) and two with twist in the yarn that is in the opposite direction (Z).

Finally, tuck two (2) strands one last time (1 "S" and 1 "Z")



FIGURE 6

Step #6 – Finishing The Splice - Using a hot knife, trim strands to a length equal to 1-1/2 strand diameter.

