



Double Braid Class II End-For-End Splice

Class II double braid ropes are made in whole or part from any of the following high modulus fibers: Dyneema®, Vectran®, Technora®, or Zylon®.

LENGTH OF Z SECTION BASED ON SIZE OF ROPE AS FOLLOWS:

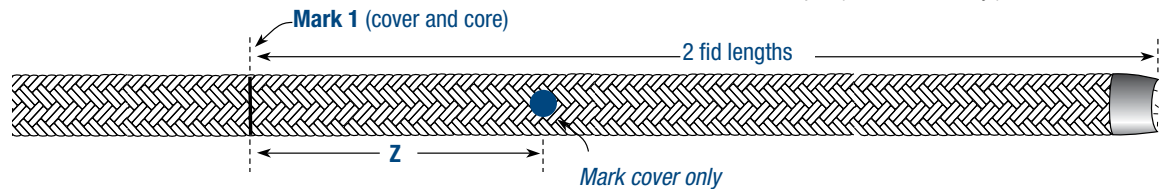
Size (Dia.)	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-5/16"	1-1/2"
Z Length	5"	5"	5"	5"	5"	7"	8"	8"	10"	12"	14"	14"	15"	15"

STEP 1 MEASURING AND MARKING

From the end of **each** rope, measure and mark as follows:

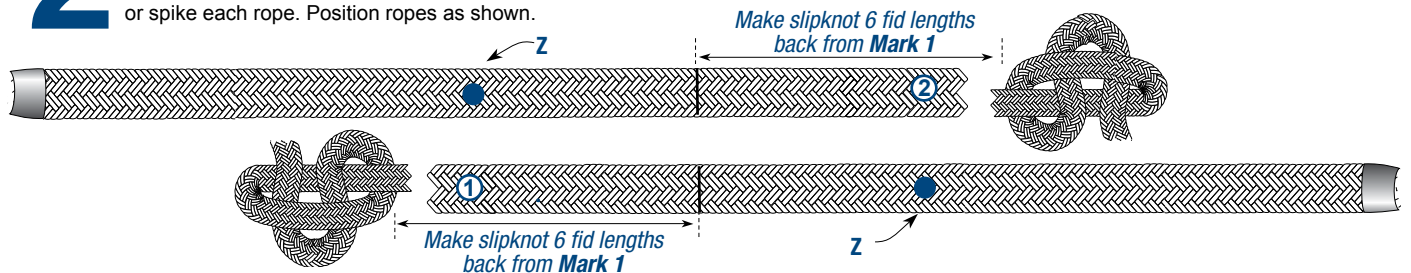
1A 2 fid lengths from end – Mark 1 on cover and core

1B From Mark 1 measure Z section lengths towards end of rope. (Mark cover only.)



STEP 2 KNOTTING AND POSITIONING

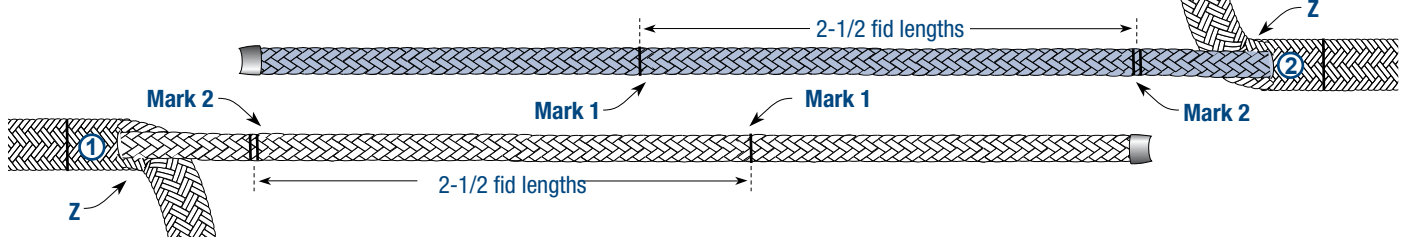
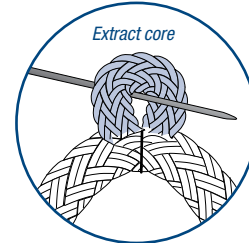
Measure back 6 fid lengths from Mark 1 and knot or spike each rope. Position ropes as shown.



STEP 3 EXTRACTING AND MARKING CORES

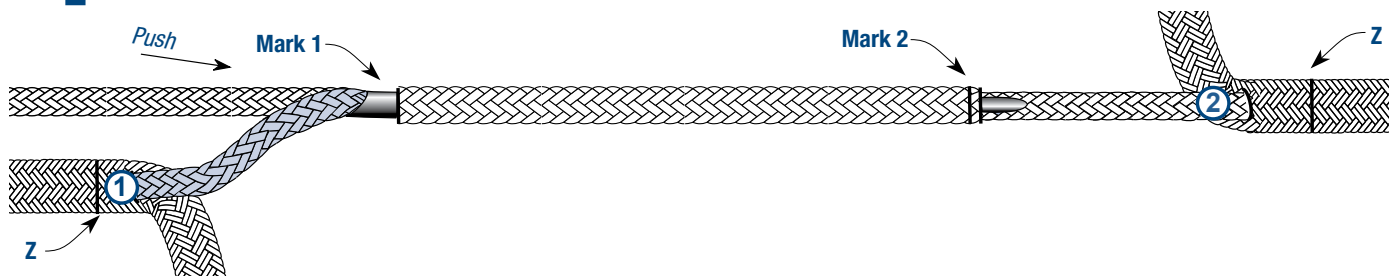
Extract cores at Z Marks and pull out completely from the ends of the ropes. Tape core ends. Slide covers back toward knots/spikes, enhance Mark 1 on each core. Measure 2-1/2 fid lengths from core Mark 1 toward knots/spikes and make core Mark 2 on each core.

Extracting the core: Bend rope sharply at Z. With the pusher or any sharp tool such as an ice pick, awl, or marlin spike, spread the cover strands to expose core. First pry, then pull the core completely out of cover.



STEP 4 BURYING CORES

Insert the end of each core into the opposing core at Mark 1 and out at Mark 2. Inserting the core ends 1 pick down from Mark 1 on the entrance side of each core allows for a smoother crossover.

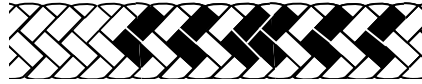




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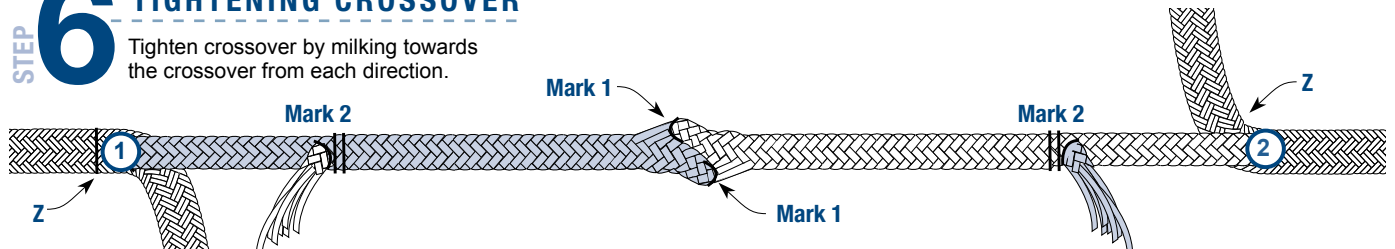
STEP 5 TAPERING CORE TAILS

From cut end, mark strands as shown. Cut and remove strands to form a tapered tail.



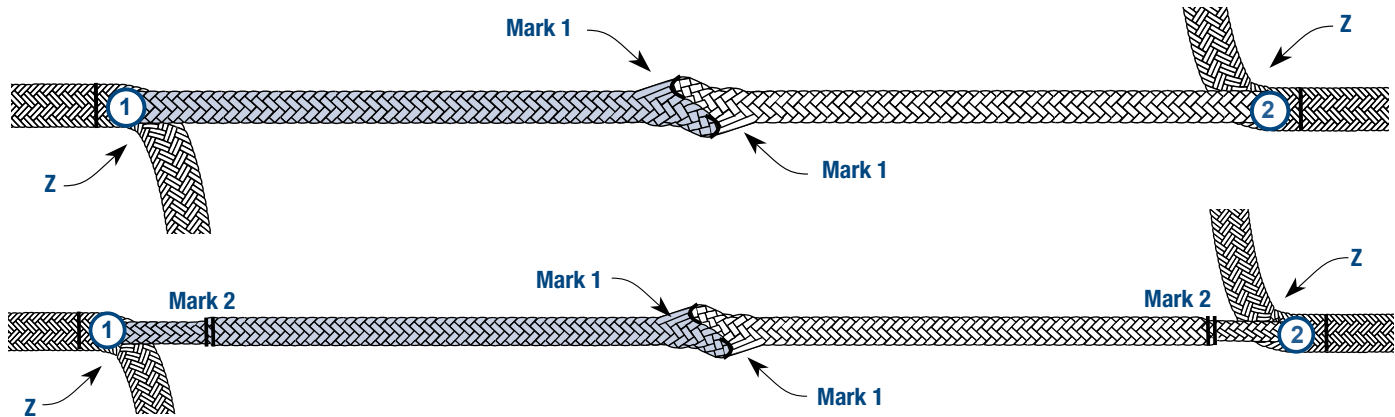
STEP 6 TIGHTENING CROSSOVER

Tighten crossover by milking towards the crossover from each direction.

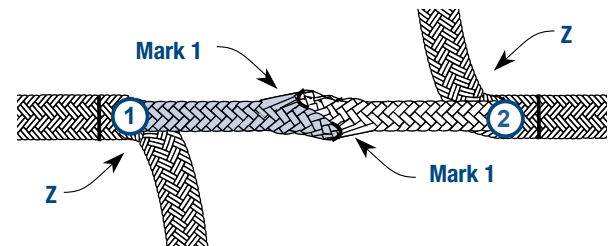


STEP 7 RECOVERING CORE

7A Milk away from the crossover in both directions. Tapered tails will disappear. Repeat until all slack is removed. The crossover and entire splice length should be smooth.

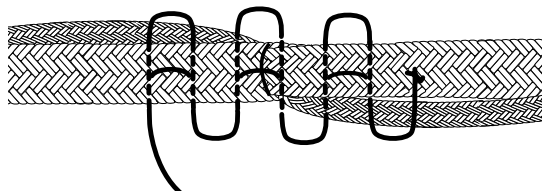


7B Milk the cover towards the crossover. Work one side at a time, hand tensioning the core splice area while working the cover up over it. Covers should meet at, or near, the crossover. Lock stitch and whip each side of crossover and through cover tails.



STEP 8 LOCK STITCH AND WHIP

Lock stitch



whipping



Finished splice