



# BRAIDED SAFETY BLUE & HIVE EYE SPLICE

FIGURE 1

## WARNING

Only qualified personnel should perform this splice. If a splice begins to slip while in use, discontinue use of rope. When spliced correctly, this product meets the static strength requirements of BS EN 1891 with terminations. Note: Prior to beginning splice, slide a 5 inch piece of clear shrink tube over end and down the body of the rope. We will need this shrink tube in step 9.

**Step #1** - Measure 2 1/2 fids (27.5 in, 700mm) from end of rope and make Mark "A." Form desired size of eye and make Mark B opposite Mark "A." Measure 2 fids (22 in, 560mm) down from Mark "B" and make Mark "C."

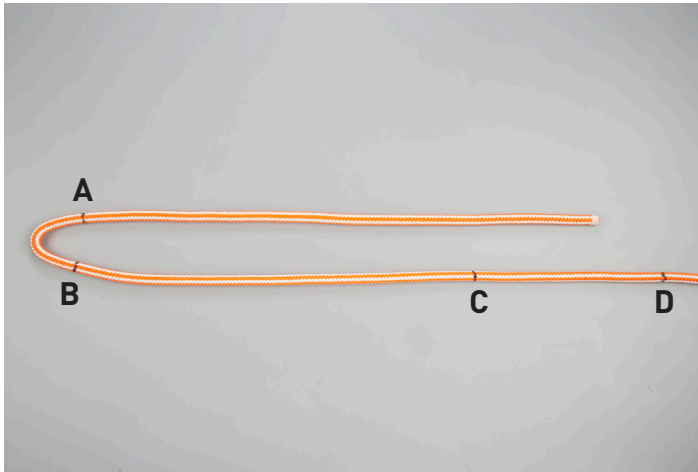


FIGURE 2

Measure 1 fid (11 in, 280mm) down from Mark "C" and make Mark "D." Tie a knot in the body of the rope about 1 fid down from Mark "D." (Fig. 1)

**Step #2** - From Mark "A" count 5 strand pairs towards end of rope and mark the 5th pair (left and right strands). Continue counting down 5 pairs and marking the 5th pair until a total of 5 strand pairs are marked. (Fig. 2)

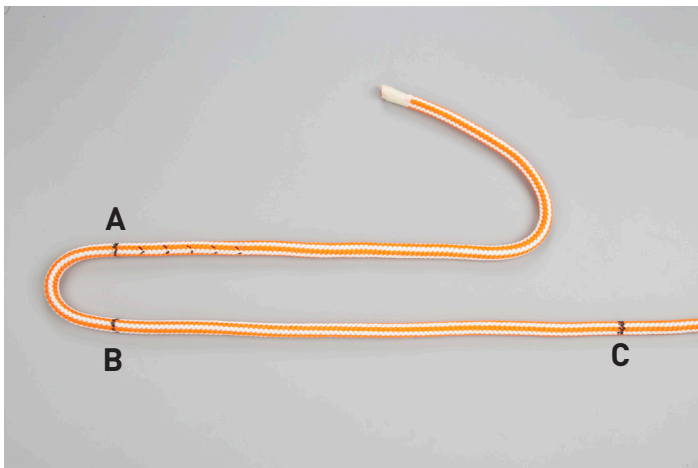
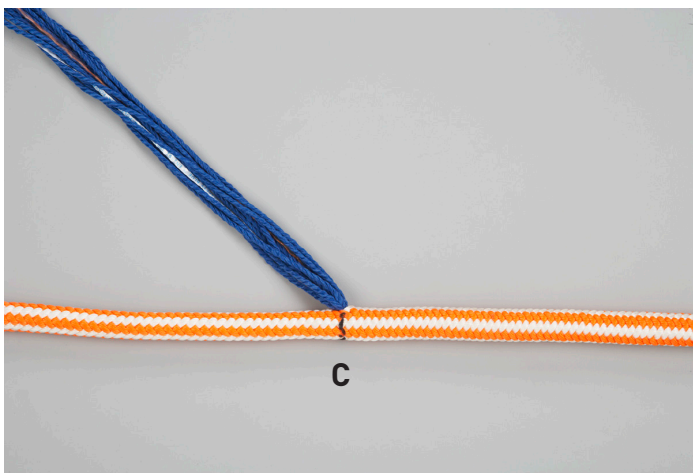


FIGURE 3

**Step #3** - Carefully open up the braid at Mark "C" and pull out the blue core yarns from the end of the rope back to Mark "C." (Fig 3)

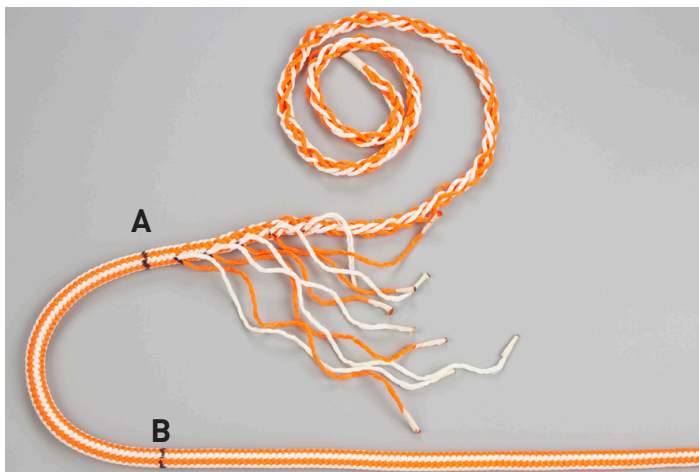
**Step #4** - Pull out marked strand pairs from cover braid. DO NOT CUT. Tape end of cover tail and attach fid. (Fig. 4)





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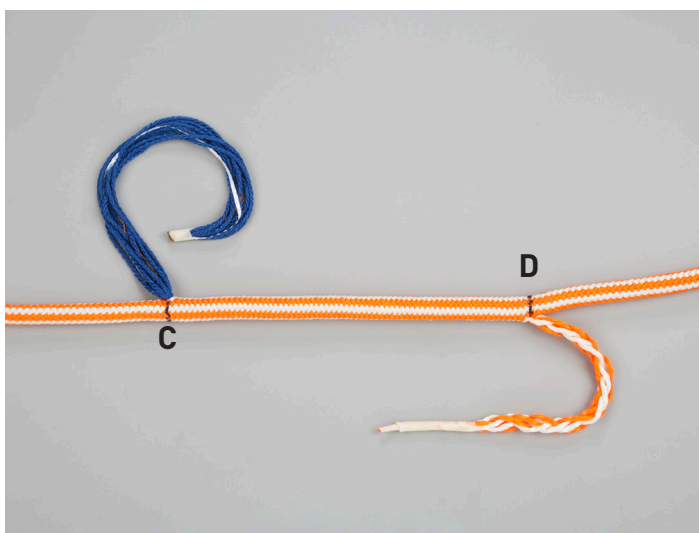
FIGURE 4



**Step #5** - Insert fid into rope at Mark B and out at Mark D to pull tail through body of rope from B to D. As each marked strand pair is about to be buried in the rope at Mark B carefully cut each strand in the marked pair. Continue to pull the tail end of the rope through until Marks A & B coincide. (Fig. 5)

**Step #6** - Smooth rope from eye back to Mark D to remove all slack in the braid. Smooth rope from knot to Mark C to bury as much of the blue core yarns as possible. Mark both cover tail and core yarns where they exit from body of rope. (Fig. 5)

FIGURE 5



**Step #7** - Pull buried tail and cover yarns out of rope at their respective exit points until about 1 fid length is exposed. This is the distance that the tail and the, core yarns overlap in the splice. Cut both cover tail and core yarns where they were marked in Step No. 6 above. Taper both cover tail and core yarns from the ends back about 1 fid length. This taper provides a smooth transition from the buried tail of the splice to the core yarns extending down the remainder of the rope. Bury the exposed ends by alternately smoothing the rope from the eye down and from the knot up.

**Step #8** - Secure knot firmly in place and pull sharply on eye to make sure all slack is removed from splice area and cover and core tails are seated properly.

**Step #9** - Begin the whipping 3" down from the throat of the splice and whip a distance equal to the diameter of the rope. Then using double strand of whipping twine; next to the whipping cross stitch completely thru the rope, pass the twine over the whipping and cross stitch again. Pass twine over whipping again, then stitch thru the cover exiting next to the whipping 90 degrees from the entry point. Pass twine over the whipping a third time; then cross stitch completely thru the rope, pass twine over the whipping and cross stitch again. Trim ends close to rope and heat seal.

