



# STRAIGHT BURY HIGH MODULUS SINGLE BRAID EYE SPLICES

## BEFORE YOU BEGIN

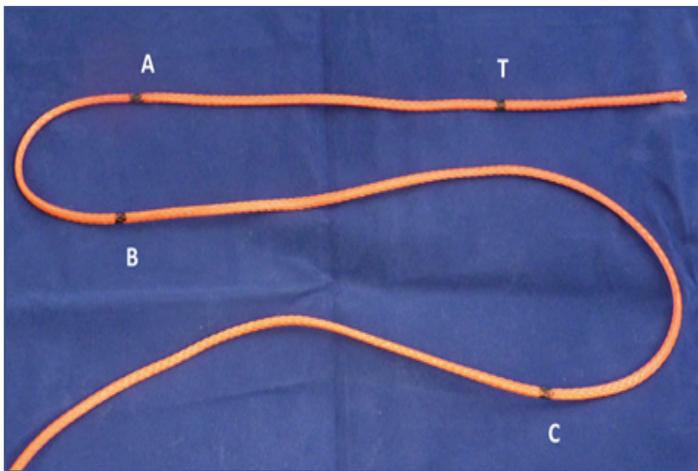
Once you have determined if you have a Standard High Modulus rope or the higher strength Heat & Tension Set HMPE rope, utilizing the values in the following table with the instructions below.

Measurements			
	Mark A	Mark T	Mark C
Standard High Modulus ropes (V-12, T-12, Endura-12)	3 Fid	1 Fid	4 Fid
Heat & Tension Set HMPE rope	4 Fid	1 Fid + 1 short Fid	5 Fid

*Note: A Fid length equals 21 times the diameter of the rope, a short Fid is 7 times the diameter*

Place a wrap of tape on the bitter end of the rope and cut at an angle to create a tapered end.

FIGURE 1



### Step #1 – Marking the Rope

Mark T: From the rope's bitter end measure back per the above table and place a mark on the rope for mark "T".

Mark A: From the rope's bitter end measure back per the above table and place a mark on the rope for mark "A".

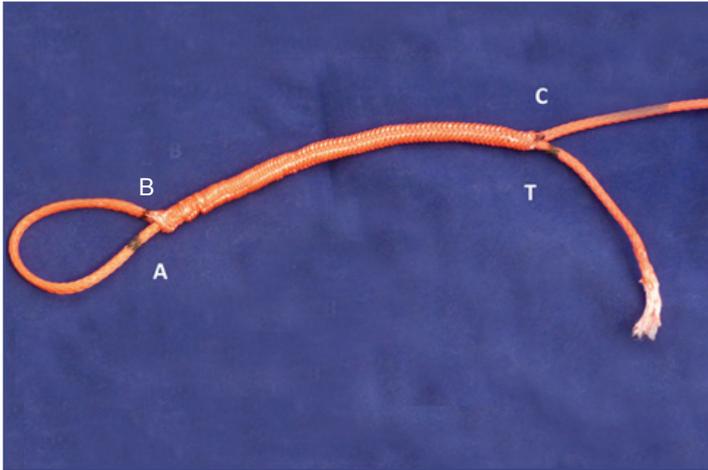
Mark B: Form the desired eye size and mark the point opposite "A". This will be mark "B".

Mark C: From mark "B", measure down the rope per the above table, this will be mark "C".



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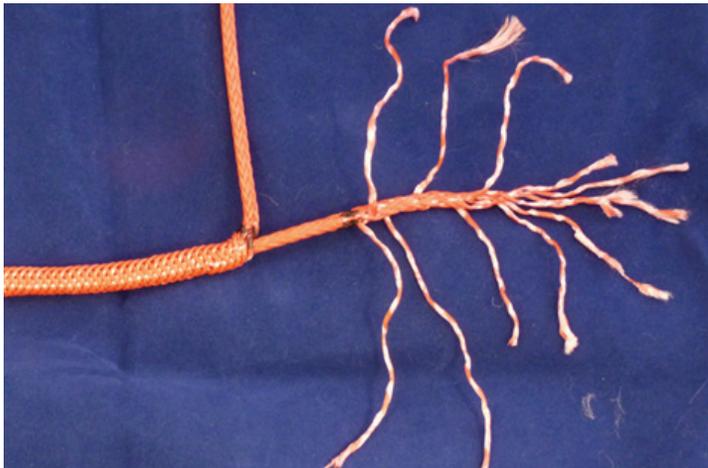
FIGURE 2



## Step #2 – Splice

Attach splicing fid to the bitter end of the rope and insert at mark “B” and exit at mark “C” pull enough rope out to expose mark “T”.

FIGURE 3



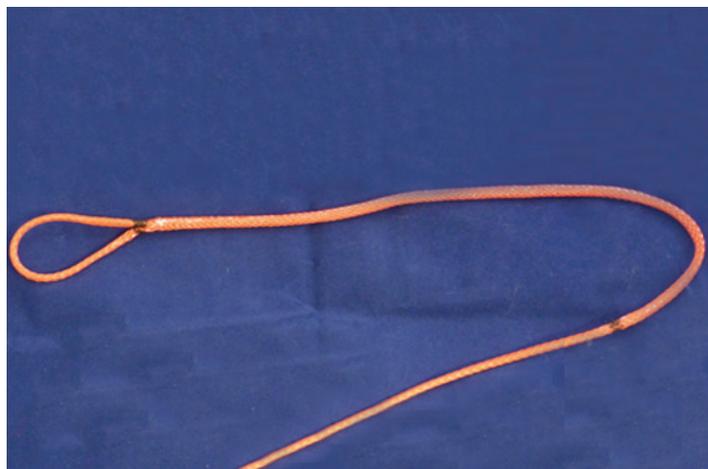
## Step #3 – Tapering & Burying the Splice

The distance from mark “T” to the bitter end of the rope is the taper length. Given that this is a 12-strand rope, the taper increment is thus  $\frac{1}{12}$ th of the taper length.

Starting at mark “T” and progressing towards the bitter end, cut and remove one strand at every “taper increment” to create a nice smooth taper to the bitter end.

Note: when selecting strands to cut alternate between left and right twisted strands.

FIGURE 4



Align marks “A” & “B”, then milk the rope from mark “B” to “C” to bury the tail.

Finish the splice; using whipping twine cross stitch the splice to prevent accidental unloaded slipping of the splice.