



# Special Tips: Splicing Double Braid Rope

## SPLICE WITH THIMBLE

Follow Step 1 of the Eye Splice Double Braid Class I for determining the correct eye size. When burying exposed core, as in Step 8, bury to crossover, then insert thimble into eye before milking cover all the way. If using a thimble with ears, before inserting cover into core, as in Step 5, insert core through the rings (dog ears) and slide thimble beyond Mark 3. Proceed to make the splice according to instructions.

**Note:** Before final burying, slide thimble around to cover side of eye. To secure finished eye tightly around thimble, either whip throat or dip the eye in hot water for several minutes. Hot water will shrink the eye tightly around thimble for nylon and polyester fiber ropes.



## SPLICING ROPES 2" DIAMETER OR LARGER

Before splicing rope, measure back 8 fids and insert a large fid through the rope to anchor the core and cover together. Use a milking strap to milk slack of cover toward end of rope. A milking strap is a smaller diameter rope that is cinched around the rope to create more seizing power than a human hand can apply. It helps to pull the milking strap with mechanical means (a winch or come-along.) Cut off any excess cover.

Milking the cover is a crucial step and will be done several times during this splice. The milking process aligns the core and cover braid angles and allows them to more effectively share the load when the rope is in use. It is best done with a milking strap for ropes 2" diameter or larger.

After milking, check for cover slack. If cover slack remains, repeat milking process until slack is gone.



## MINIMUM LENGTHS

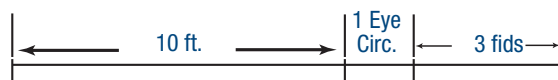
Minimum eye-and-eye sling length with Class I Double Braid is 5 fid lengths from extraction Mark X to extraction Mark X, regardless of rope diameter. The size of eye does not affect the minimum length.



**Example:** How to make an Eye-and-Eye Sling  
10' long overall with two 6" eyes:

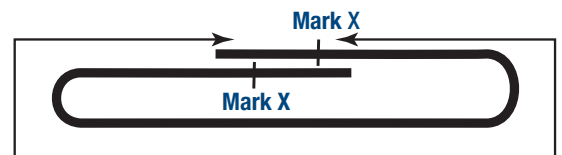


Measure and cut a length:



## END-FOR-END SPLICE

Minimum endless loop (Grommet) with Class I Double Braid is 10 fid lengths between extraction Mark X to extraction Mark X, regardless of rope diameter.



Exact overall lengths with endless loops are determined by allowing for extra rope consumed in making the End-for-End Splice. The length of extra rope is equal to 4 fid lengths.

**Example:** To make an endless loop 10' overall:

