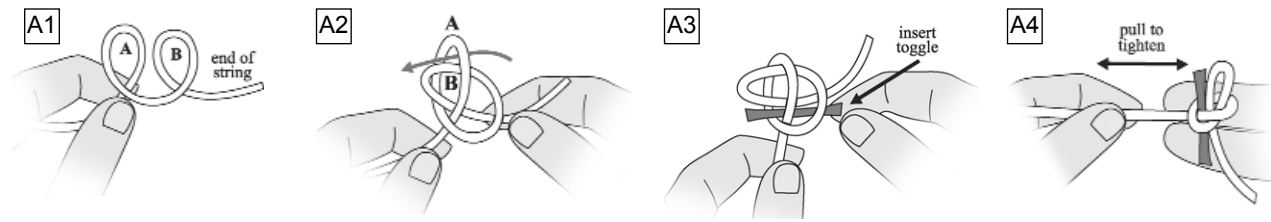


TYING THE HARP STRING KNOT

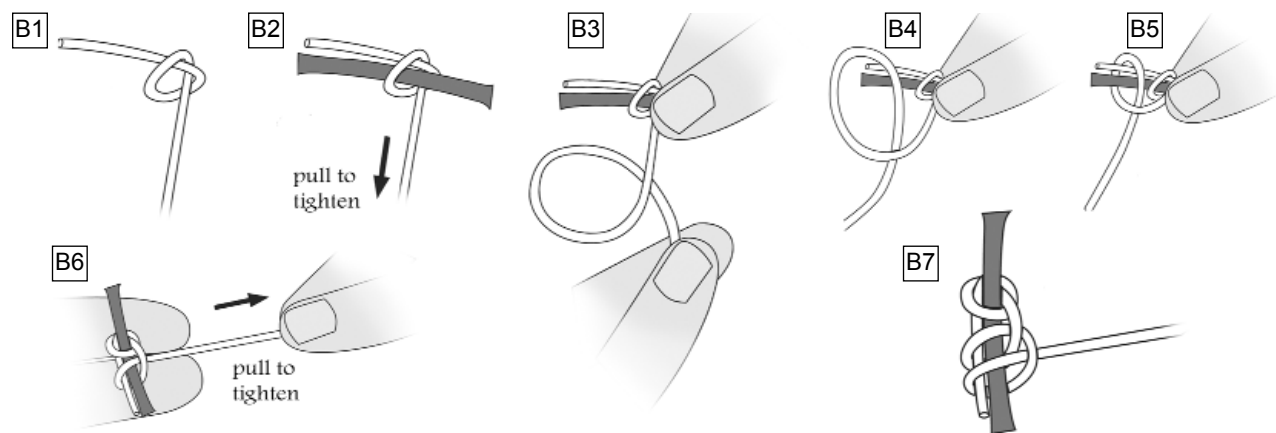
When replacing a gut or monofilament nylon string you need to tie a knot in one end, to secure the string against the soundboard. Here are two different ways to tie the knot; you can use either method you like. To reinforce the knot in the thin, high strings, you will need a short piece of a thick string, about 1" in length, which is called a toggle or a spline. This toggle is the dark piece in these illustrations. You can see videos and more information about knots and replacing strings at www.harpcenter.com/stringing.

THE TRADITIONAL HARP KNOT



- A1.** Make two loops (A and B) near the end of the string.
- A2.** Insert loop B through loop A from back to front.
- A3.** For extra strength, and to be sure the knot won't pull up through the hole in the soundboard, insert a toggle through loop A.
- A4.** Pull loop A tight around loop B.

ALTERNATIVE HARP KNOT



- B1.** Tie a loose standard knot, leaving about $\frac{1}{2}$ " to $\frac{3}{4}$ " of string sticking out beyond the knot.
- B2.** Slide the toggle into the knot, lining it up parallel with the string end. Pull the long end of the string to tighten it around the toggle.
- B3.** Hold the knot and toggle with one hand and make a loop below the knot.
- B4 and B5.** Bring the loop up and tuck the string end and toggle through the loop.
- B6.** Pull the string to tighten.
- B7.** For higher (thinner) strings, repeat steps B3 through B6 to add a second loop knot. You'll end up with something that looks like figure B7: a knot that won't slip!