

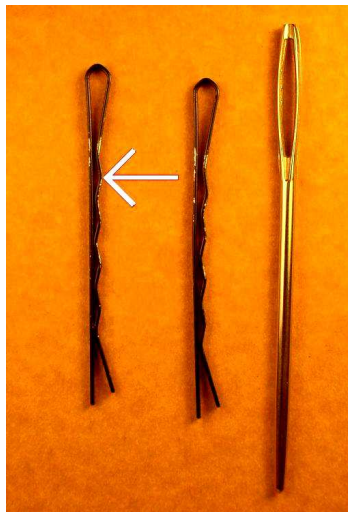
# The Sailor's Cross Knot



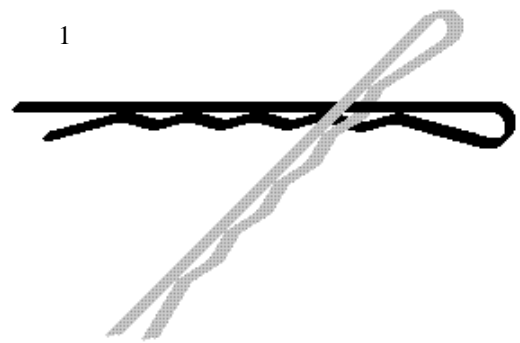
- Suggested Uses:
- Zipper Pull
  - Key Ring
  - Bookmark
  - Charm for bracelet
  - Pendant for Necklace



## Instructions



Insert the long end of one of the pins into the other one at the white arrow as shown to the left.



The front will have the smooth face of the pins showing and the bumps will be on the back.

*Note: This knot is difficult and may be very challenging for beginners.*

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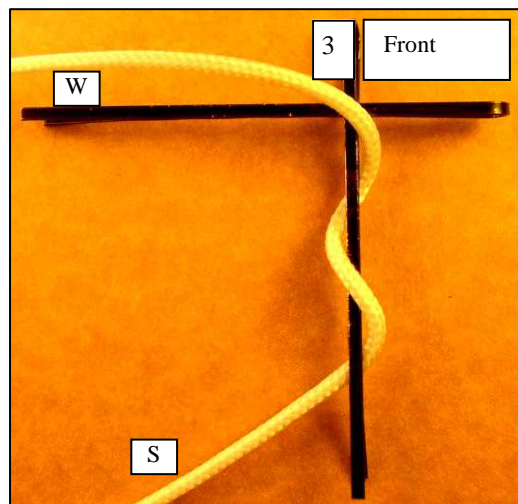
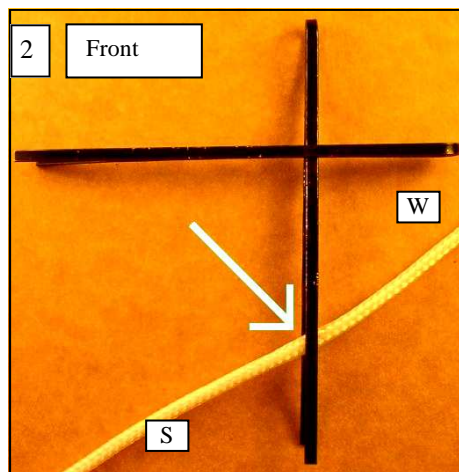


Don Burrhus  
[www.knottool.com/cross](http://www.knottool.com/cross)

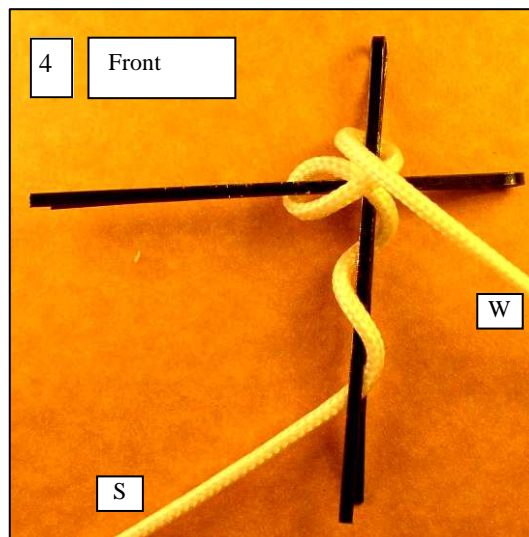
**Warning** Sharp objects and small parts  
are a choking hazard. Burning or melted  
plastics are dangerous. Competent adult  
supervision required.

Find a point five inches from the end of the string and pinch that point in the last bump of the pin (at the white arrow) with the short end to the lower left. Pinch and hold the whole thing at this point to help keep the cord in place. Put the needle on the long (working) end of the cord.

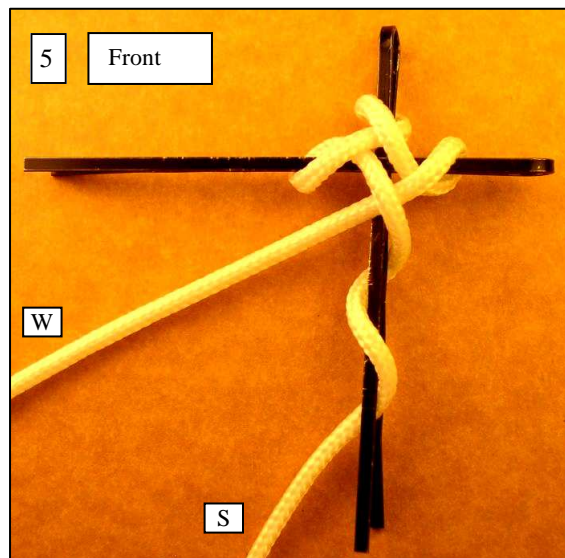
The "W" in the picture denotes the working end. "S" means the standing (short) end. We will leave the short end alone for now.



Take the working end "W" of the cord and wind it up and around the vertical pin as shown so that it goes over the point where the two pins intersect.



Go over, down around behind and back up in front of the horizontal pin and over the cord. Then go over to the upper right, around behind the top of the vertical pin and back around in front to the lower right.

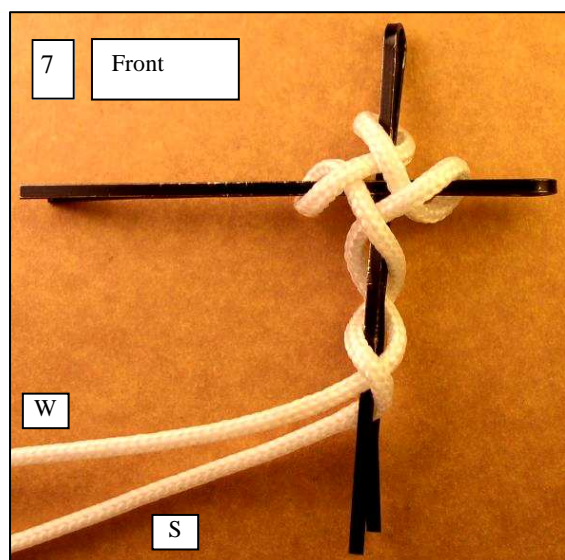


Go under and up around behind the right arm of the horizontal pin. Come back to the front, go over the cord once and under once headed to the lower left.

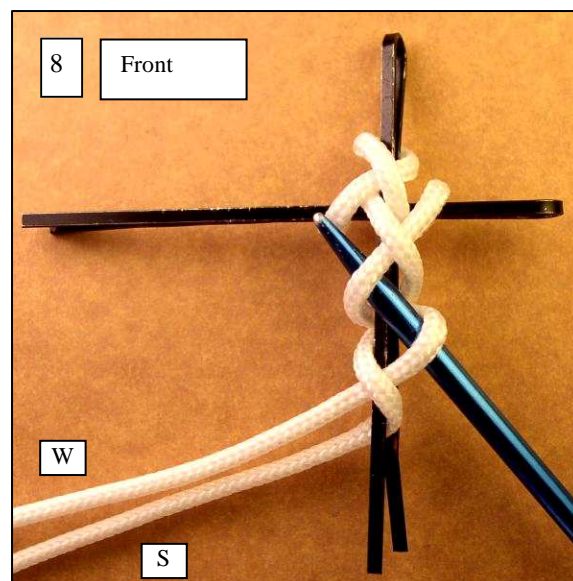
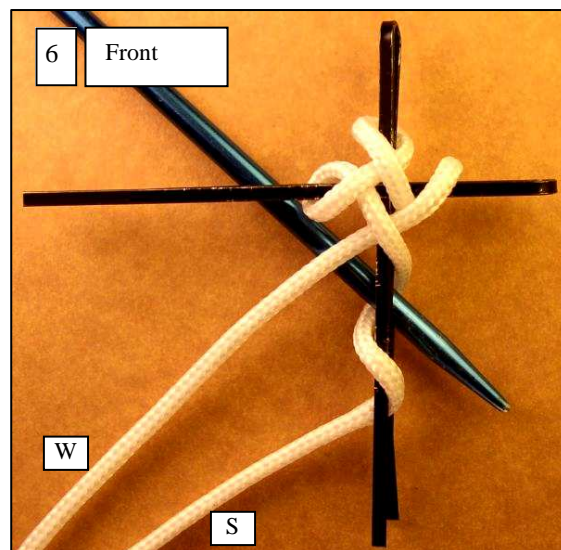


Next, take the cord and pass it around back going between the existing cord and the pin as shown by the needle.

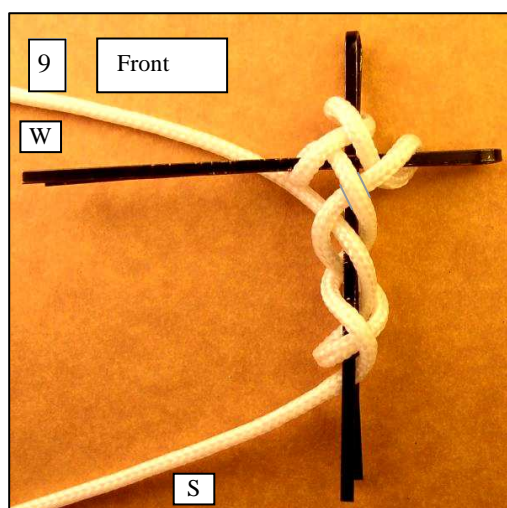
Come back around to the front and under once.



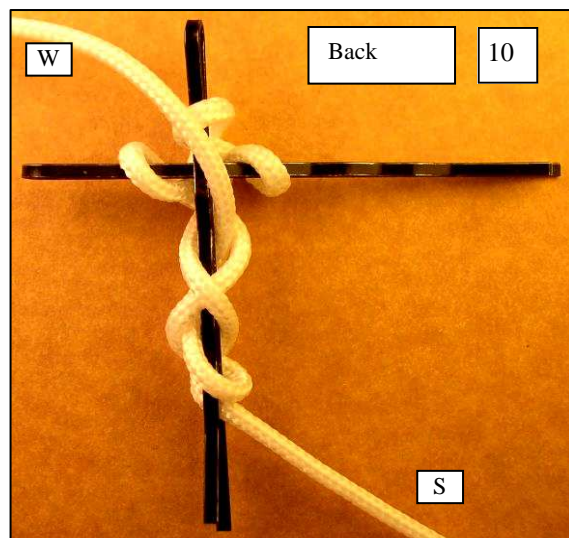
Go around behind the vertical pin and come up and under two strands where the needle shows.



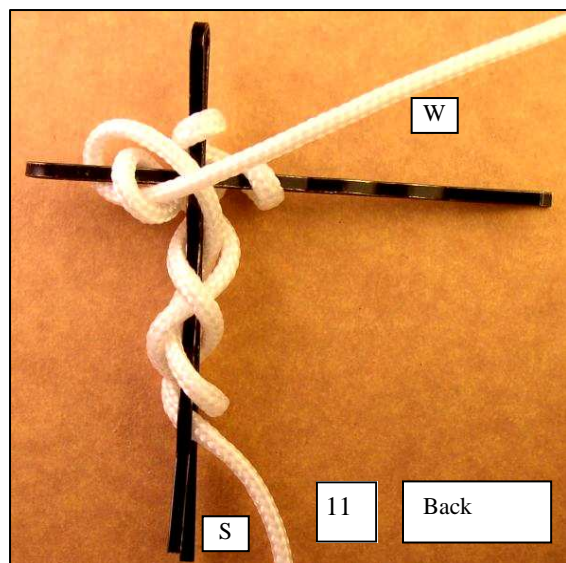
To get...



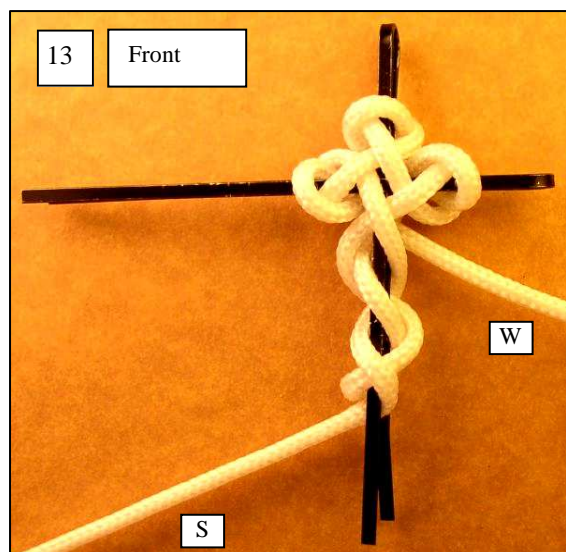
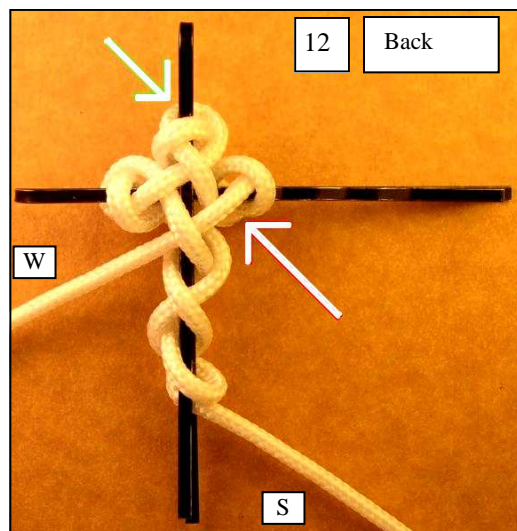
Flip the whole thing over.



Go up over and around behind the left side of the horizontal pin and back to the front coming thru the existing loop as shown headed to the upper right.



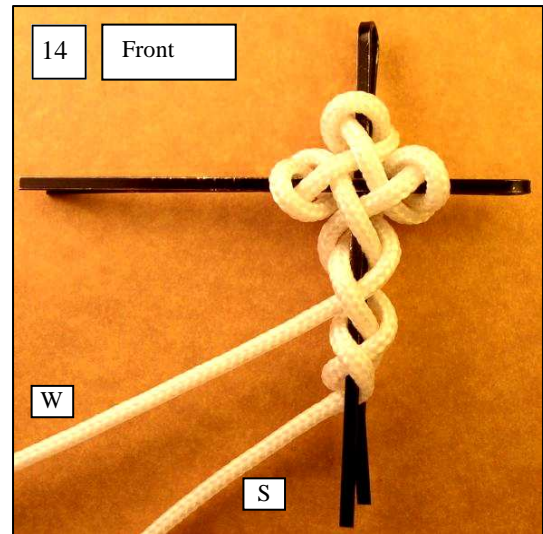
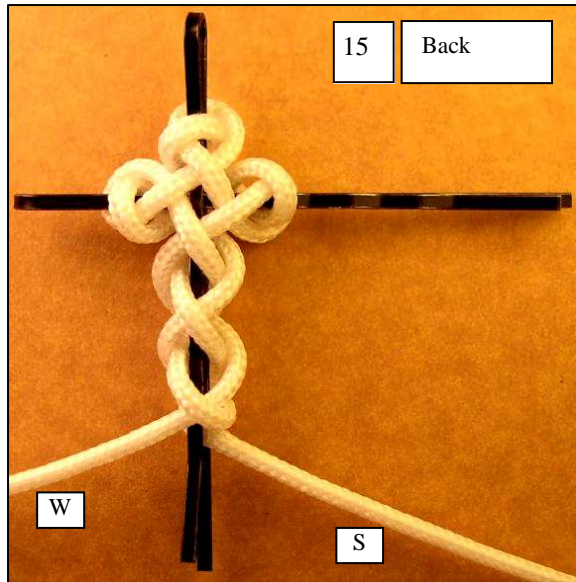
Go up and wrap around the vertical pin, back down to the lower right tucking thru the existing loop as shown and then do the same thing from under to over around the right arm of the horizontal pin coming to the front, over once and under once headed to the lower left going under as shown.



Flip again, cross over once and then under once headed to the lower left.

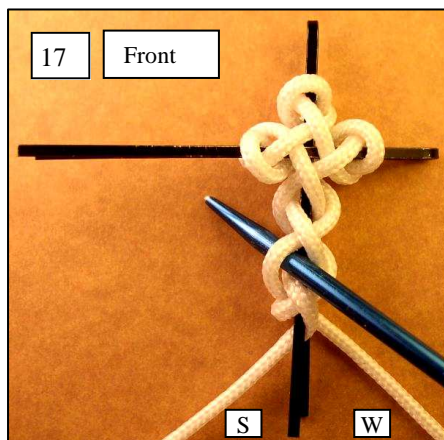
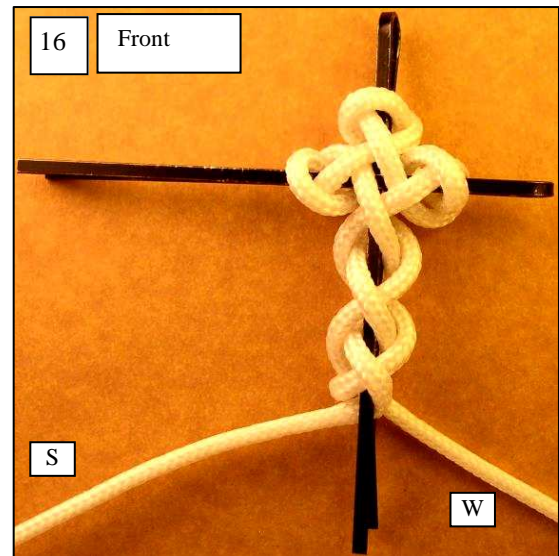


To get...



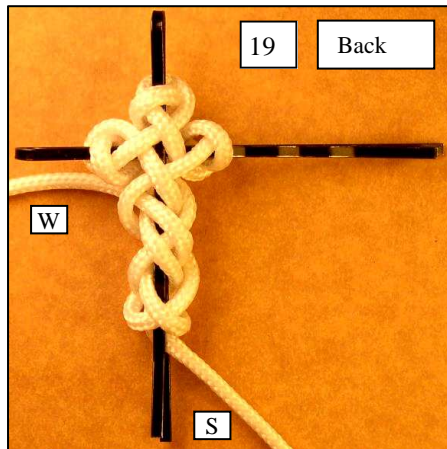
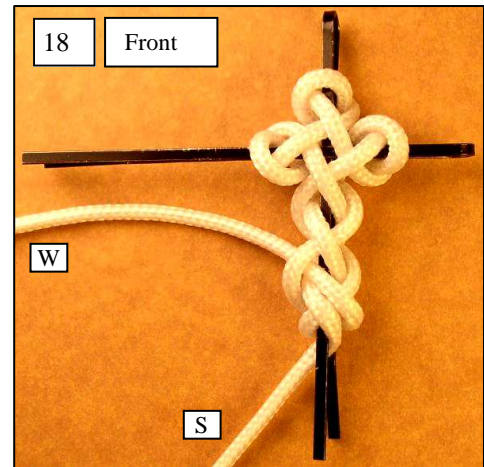
Flip the whole thing over. Come around to the back, go over once and tuck under once heading to the lower left.

Flip and check to be sure that your crossings all match the picture. The crossings on the front and back should look identical.

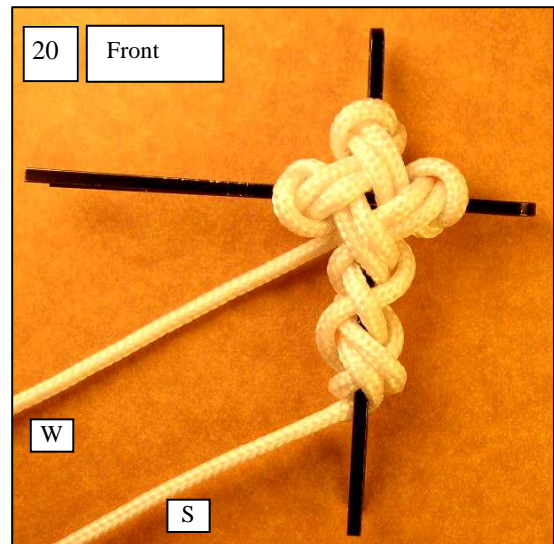


Follow the needle. This is where you will start to double the knot by adding in an additional strand next to the first one.

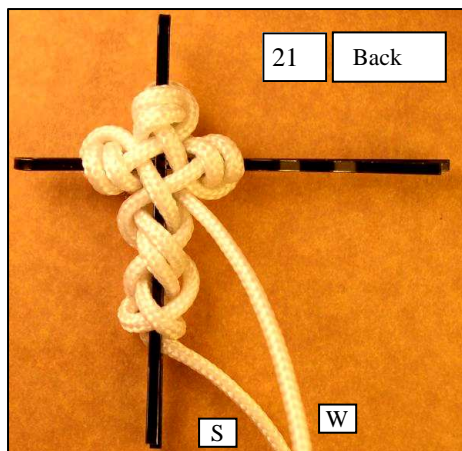
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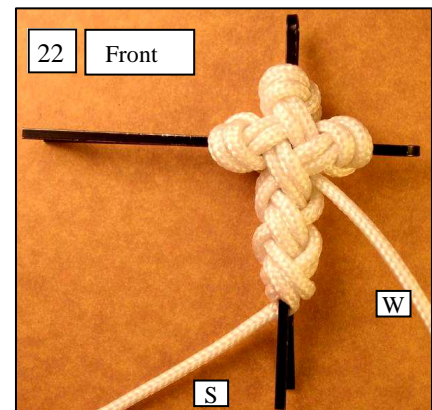
Flip and then continue to follow the existing strand as shown. Note that you will always be staying to one side of the existing strand.



Flip and while staying to one side, double the entire upper front of the knot. Check to be sure that what you have done matches the photo to the right.



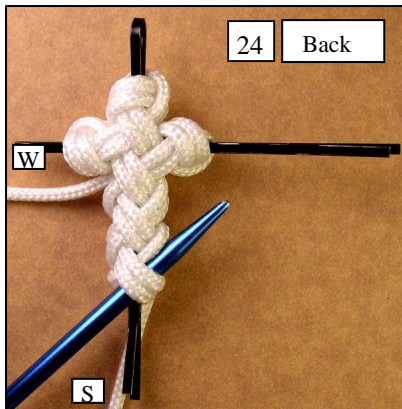
Flip and continue to double the knot as shown being sure not to cross over the existing strand.



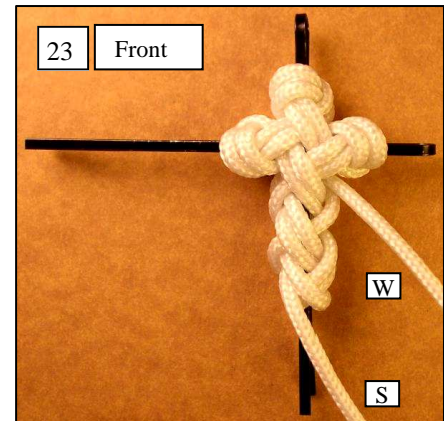
Stop doubling when you get to here. Remove the needle from the working end of the cord.



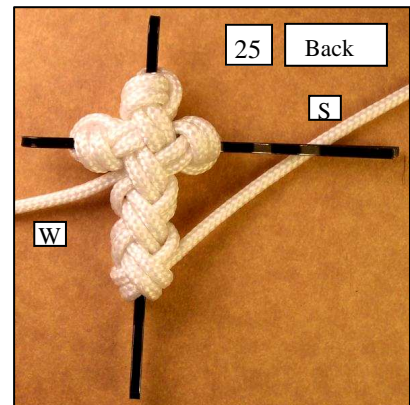
Release the "S" end of the cord from where it is pinched between the bobby pins.



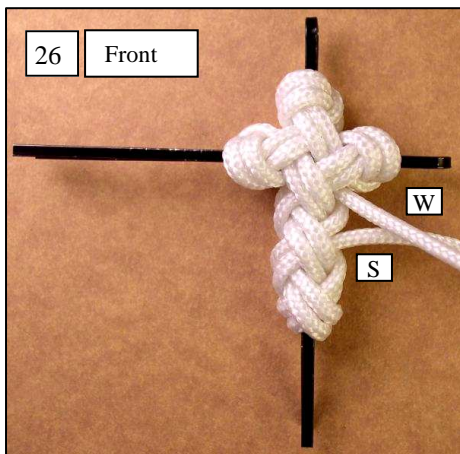
Thread end "S" through the needle. Bring it around behind the pin and up thru where the needle is shown.



To get...

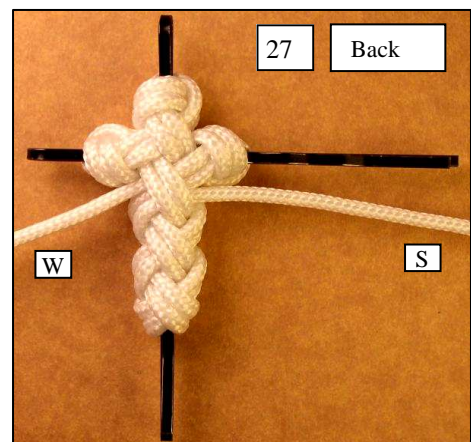


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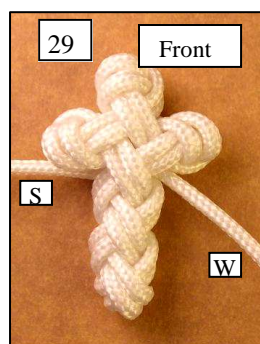


Flip. Continuing to use the "S" end, come over once and under once.

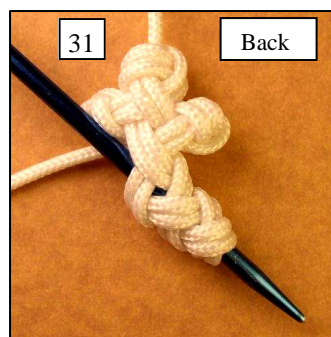
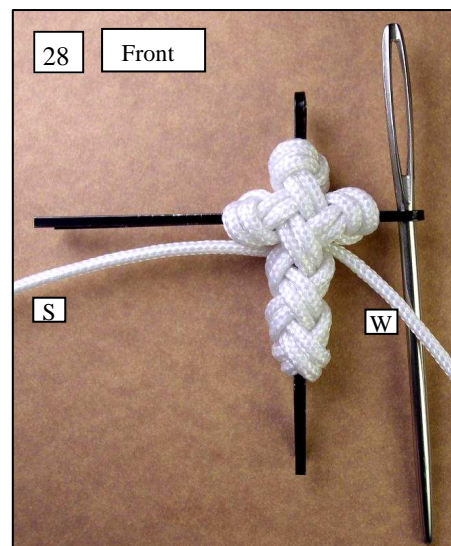
Flip. Check to be sure that everything is properly doubled and that the ends depart from the knot as shown.



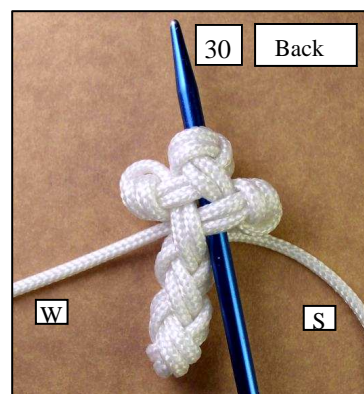
Flip again. Remove the needle from the cord and put it thru the bent end of the horizontal pin and use it as a handle to pull the horizontal pin to the right and out of the knot.



Do the same for the vertical pin and remove it from the knot as well. Put the two pins away for later...



Flip over. Take the end "S" and put it on the needle, then put the needle up thru the center of the knot as shown by the needle.



Put the needle onto the "W" end and put it down thru the center of the lower part of the knot and out at the bottom.

If you are going to use a swivel and split ring, thread it onto the cord coming out of the top of the knot...



The next step is to put the end of the strand that is coming out of the top of the knot all of the way down thru the center of the cross where the needle is shown. As it will be tight, you will likely need to do this in smaller steps...



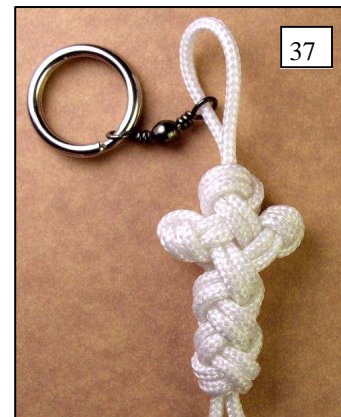




Put the needle on the end and run the needle part way down thru the center of the knot and out as shown. Continue as shown in the pictures.



You will end up with this:



To remove the loop at the top of the knot, pull on one end of the cord coming out of the bottom of the knot until the bead of the swivel is half way inside of the top of the knot.

## To finish with glue or heat...

Trim the two ends off at about 2mm from the bottom of the knot. Get your responsible adult to melt the ends of the cord with a flame (DO NOT TOUCH THE MELTED PLASTIC!) Or, you could use a drop of plastic cement on the two ends to hold them from pulling back up into the knot.



If you would like to seal the knot, it may be dipped in a 50/50 mixture of water and white glue and then allowed to dry thoroughly.

## To finish with a bead...

Thread the two ends thru a bead, tie them in a secure knot tight up against the bead and trim the ends off 2mm below the knot.

With some creativity, these knots could be strung as beads on a cord or as a closure on a drawstring. Several of them hanging on the ends of joined cords would make an excellent bookmark. They could also be tied directly onto a safety pin and used as a lapel pin.



Also available from [knottool.com](http://knottool.com)...

### The Turks Head Cookbook Kit

Tools and detailed, step-by-step instructions for tying over 200 traditional and unusual pattern turks head knots.

### The Globe Knot Cookbook Kit

Tools and detailed instructions for tying over 100 ball-shaped covering knots and more.

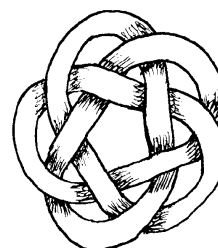
## Other tools...

A full line of knot tying tools, threaded needles and more are available from [knottool.com](http://knottool.com).



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