



## Tekhelet Tying Detailed Instruction:

Radzyner

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Ptil Tekhelet Organization

The following pages describe, in detail, the necessary steps to tie tzitzit according to the Radzyner tradition. This method consists of making 5 double knots, in between which there are four groups of winds. The groups are made of 7 winds, 8 winds, 11 winds, 13 winds, respectively. The winds consist of making a single wind loop, a double wind loop or a triple wind loop, in various sequences as follows:

Group 1 – (7 winds): 1 white loop; 2 blue loop; 3 blue loop; 1 blue loop.

Group 2 – (8 winds): 2 blue loop; 3 blue loop; 3 blue loop.

Group 3 – (11 winds): 3 blue loop; 3 blue loop; 3 blue loop; 2 blue loop.

Group 4 – (13 winds): 1 blue loop; 3 blue loop; 3 blue loop; 3 blue loop; 2 blue loop; 1 white loop.

The photographs below show each of the various winds, while completing the first grouping of 7 winds. The remaining three groupings are done using the same techniques but in the order as delineated above for each "Group".

The description begins assuming that the tier has placed the four strings into the corner hole, folded them over evenly, and tied them with a double knot.

**Click on any picture to view it enlarged.**

[General Glossary](#)

Finger names: thumb, index, middle, ring, little.

Shamash: primary winding strand

Chulya: triplet winding

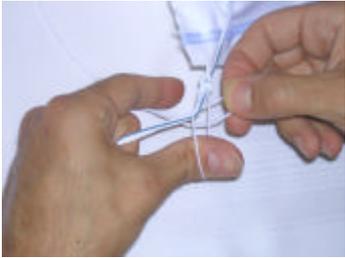
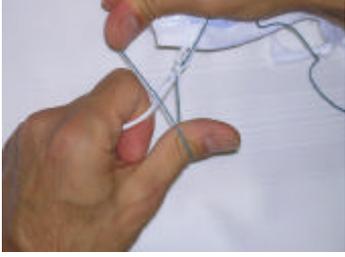
*Special thanks to my wife Deena for the photography*

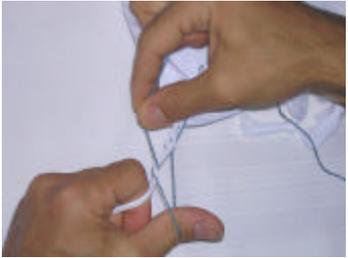
### THE SINGLE WHITE LOOP

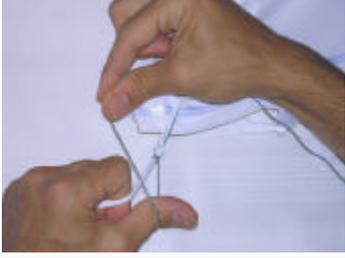
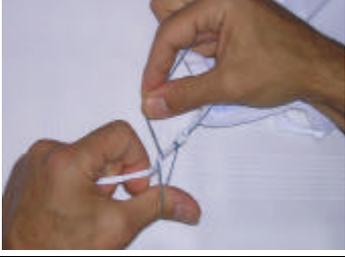
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Take hold of the white shamash with the right thumb and index finger. Hold the remaining seven strings ("core") in the left hand, keeping the left thumb extended rightward.

2		<p>Wrap the white shamash around the extended left thumb (going under and over it); guiding it over the top of the core strings – thus creating a “triangle”.</p>
3		<p>Wrap the white shamash under the core and pull it through the “triangle”.</p>
4		<p>Pull the white shamash tight and upward to bring it close to the end of the initial double knot.</p>
5		<p>Pull down on the white shamash downward, placing it along with the rest of the strings.</p>
<b>THE DOUBLE BLUE LOOP</b>		
6		<p>Take hold of the blue shamash with the right thumb and index finger. Hold the remaining seven strings (“core”) in the left hand, keeping the left thumb extended rightward.</p>
7		<p>Wrap the blue shamash around the extended left thumb (going under and over it); guiding it over the top of the core strings – thus creating a “triangle”.</p>

8		<p>Wrap the blue shamash under the core and pull it through the "triangle".</p>
9		<p>Guide the blue shamash leftward to wrap around the core once again.</p>
10		<p>Pull the blue shamash tight and upward to bring it close to the end previous looping.</p>
11		<p>Grasp the end of the blue shamash with the right little finger ("pinky"); and take hold of the first wrap of the shamash with the right thumb and index finger.</p>
12		<p>Pull the first wrap tight by using the right index finger as a lever to pull it tight (all the while releasing the part of the shamash held in place by the left thumb).</p>
13		<p>Pull the blue shamash tight using the right thumb and index finger; pulling upward and guiding the wraps up with the left thumb and index finger.</p>

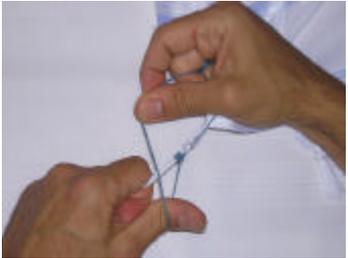
14		<p>Continue to push the wraps upward with the left hand while pulling the blue shamash tight with the right hand (all the while insuring that wraps stay in order – which may require slight readjusting).</p>
15		<p>Pull down on the blue shamash downward, placing it along with the rest of the strings.</p>
<b>THE TRIPLE BLUE LOOP</b>		
16		<p>Take hold of the blue shamash with the right thumb and index finger. Hold the remaining seven strings (“core”) in the left hand, keeping the left thumb extended rightward.</p>
17		<p>Wrap the blue shamash around the extended left thumb (going under and over it); guiding it over the top of the core strings – thus creating a “triangle”.</p>
18		<p>Wrap the blue shamash under the core and pull it through the “triangle”.</p>
19		<p>Guide the blue shamash leftward to wrap around the core once again.</p>

20		Wrap the blue shamash under the core and pull it through the "triangle".
21		Guide the blue shamash leftward to wrap around the core once again.
22		Wrap the blue shamash under the core and pull it through the "triangle".
23		Grasp the end of the blue shamash with the right little finger ("pinky"); and take hold of the first wrap of the shamash with the right thumb and index finger.
24		Pull the first wrap tight by using the right index finger as a lever to pull it tight (all the while releasing the part of the shamash held in place by the left thumb).
25		Pull the blue shamash tight using the right thumb and index finger; pulling upward and guiding the wraps up with the left thumb and index finger.

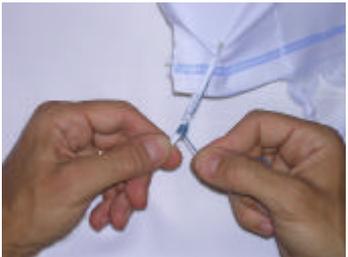
26		<p>Pull down on the blue shamash downward, placing it along with the rest of the strings.</p>
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**THE SINGLE BLUE LOOP**

27		<p>Take hold of the blue shamash with the right thumb and index finger. Hold the remaining seven strings ("core") in the left hand, keeping the left thumb extended rightward.</p>
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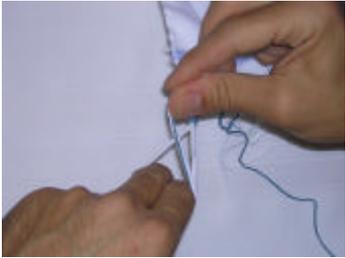
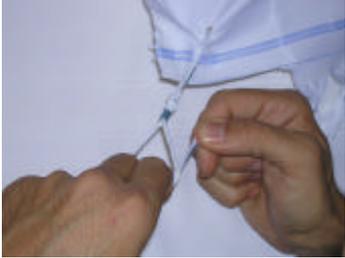
28		<p>Wrap the blue shamash around the extended left thumb (going under and over it); guiding it over the top of the core strings – thus creating a "triangle".</p>
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29		<p>Wrap the blue shamash under the core and pull it through the "triangle".</p>
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30		<p>Pull the blue shamash tight and upward to bring it close to the end of the initial double knot; and then pull downward placing the shamash along with the other strings.</p>
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**THE DOUBLE KNOT**

31		<p>Take hold of four of the strings in the right hand and four of the strings in the left hand.</p>
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32		<p>With the left index and middle fingers extended rightward, use the left thumb to hold the four left hand strings over the left index and middle fingers and with the right hand, bring the four right hand strings under the left index and middle fingers.</p>
33		<p>Turn the left index and middle fingers downward, thus creating a triangle. (The four right-hand strings are now crossing the four left-hand strings under the left index and middle fingers).</p>
34		<p>Place the four right-hand strings downward into the triangle.</p>
35		<p>With the left hand take hold of the four left-hand strings and with the right hand take hold of the four right hand strings.</p>
36		<p>Pull the strings tight (right hand pulls towards the right, left hand pulls toward the left). Do NOT pull too tightly into the windings as this will cause the completed tzitzit to not lay straight.</p>
37		<p>Same as 31.</p>

38		Same as 32.
39		Same as 33.
40		Same as 34.
41		Same as 35; HOWEVER, this time DO pull tightly into the initial single knot.
<b>THE COMPLETE TIE</b>		
