

How to make a vertical Molle Tank Pouch.  
This pouch should fit up to an 88 Crossfire or 90 Ninja bottle.

#### Materials

Cordura of the desired pattern or color  
Heavy Duty Nylon Thread  
Sewing Machine  
Tape Measure  
1 inch Webbing  
1 Ladder Lock  
2 Barrel locks  
7 inches of 1/8 shock cord  
2 #24 Snaps

1. Cut two 4.5 x 9 inch pieces of curdura.



2. Measure down 1.5 inches on one of the 4.5 x 9 pieces of cordura and attach one of the 4.5 inch pieces of webbing.  
Measure 1 inch from that piece and attach the 2nd 4.5 inch webbing, etc etc.



3. Attach two 10.5 inch pieces of webbing for the molle straps.



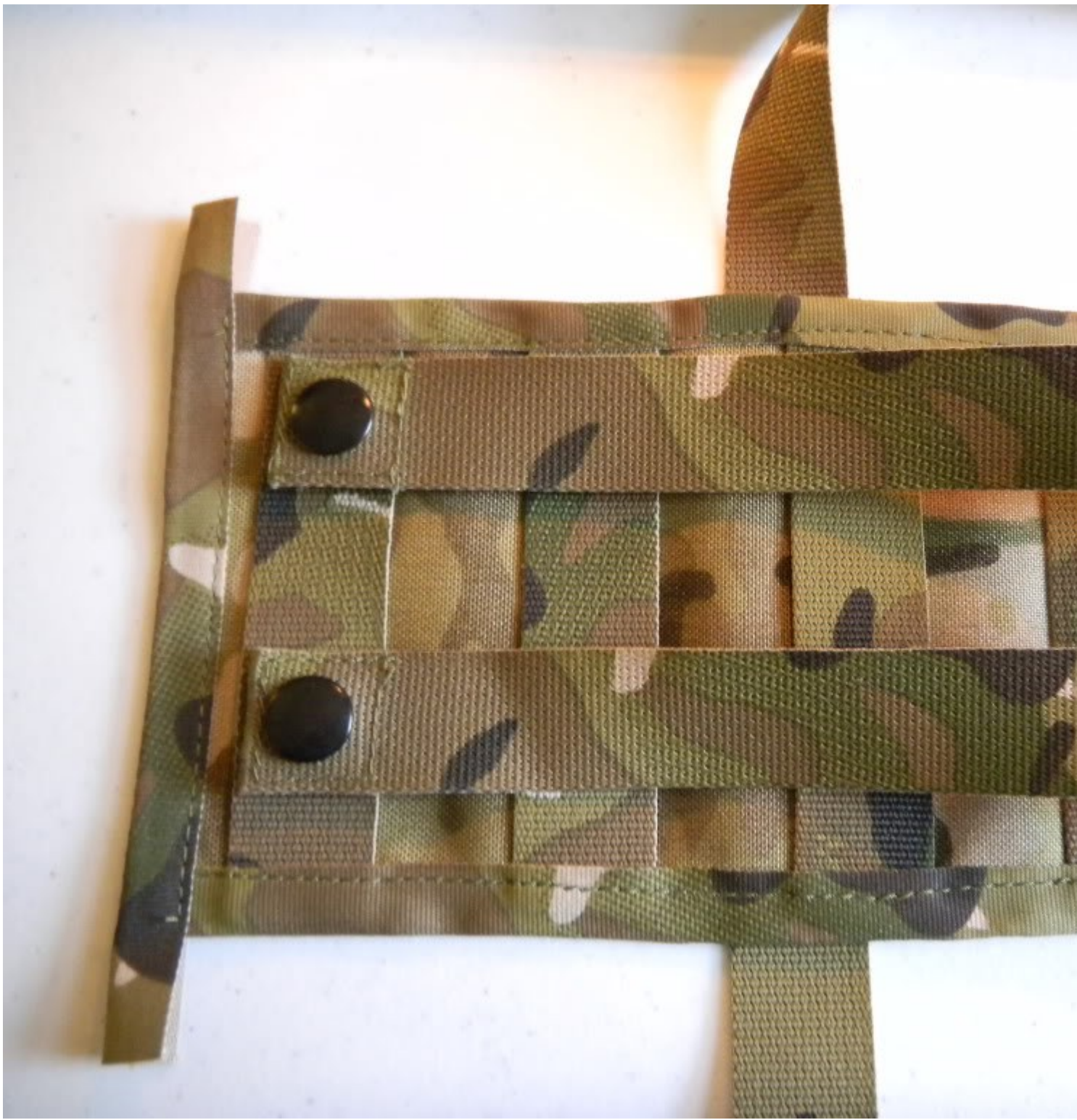


4. Cut an 18 inch piece of webbing and stitch it in the middle of the second 4.5 x 9 piece of cordura. Be sure to leave .5 inches around the edge for the binding the edges of the base of the pouch.



5. Bind the edges of the base.







6. Cut a 10 x 13.25 inch piece of cordura.
7. Sew a .5 inch seam in the 13.25 side.
8. Use the Button-hole feature on your sewing machine to make a 1.1 inch button-hole halfway down the 10 inch side of the cordura in step 6.  
Halfway down and about 1.5 inches up.









9. Stitch the bottle end piece to the 10 x 13.25 piece of curdura(the bottle pouch). You want to do this inside out and then flip it right side out.





10. Stitch the bottle end to the short end of the base right side out, folding it under about .25 inches.



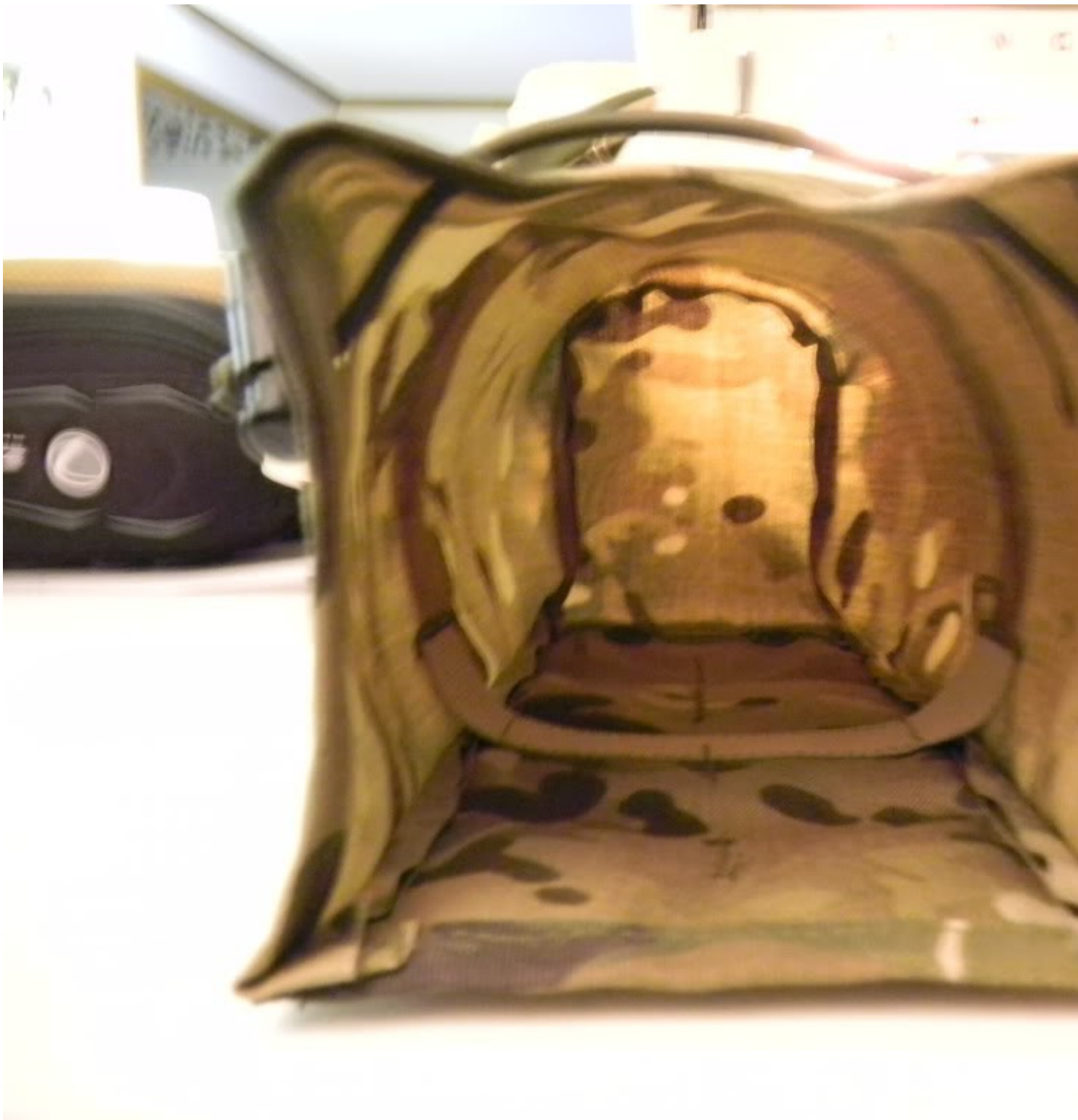


11. Attach the two Snap Studs to the bottom of the base in line with the PALS Straps.



12. Feed the 1 inch webbing you attached to the base in step 4 through the buttonholes slots.
13. Stitch up both sides of the bottle pouch attaching it to the base. You want to fold under about .25 inches on both sides.





14. Attach the ladder lock to one end of the 18 inch piece of webbing. Take a measurement and cut the other side of the webbing leaving enough for a 1 inch fold-over. Sew the 1 inch fold over.



15. Feed the webbing through the ladder lock.
16. Insert the bottle into the pouch and fold the end as shown.
17. Using a heatgun, melt holes in the cordura just large enough for the 1/8 inch shockcord to fit through.
18. Feed the 7 inch shock cord through the holes.
19. Slide the cord locks on and tie a knot in both ends of the shock cord.
20. Cinch down the cord locks to close off the end of the pouch









Please let me know your thoughts.

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