

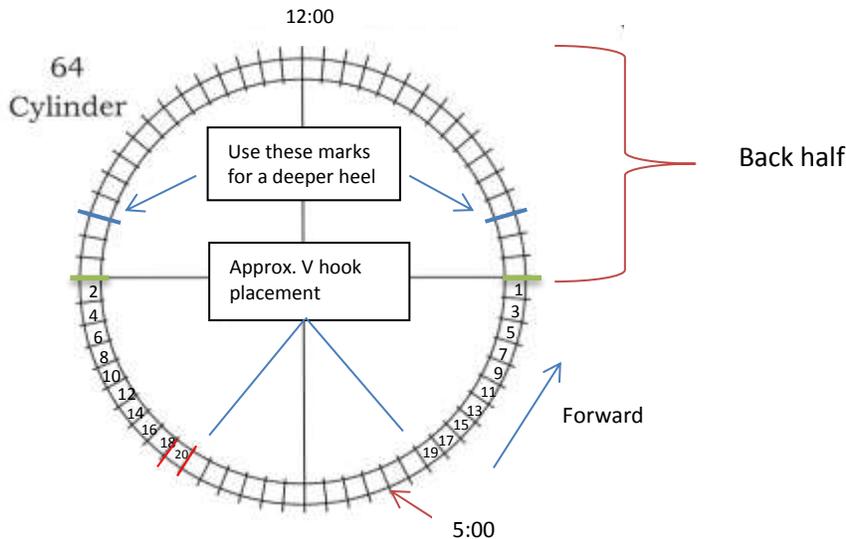
Wrapped Heel and Toe for CSM

(this is to make them on the front half of the cylinder closest to you.)

These instructions are based on the manual from Erlbacher and watching videos on you tube.

The usual heel is made on half of the stitches. This example is for a 64 stitch cylinder.

Heel Decreases – crank slowly as you follow these steps.

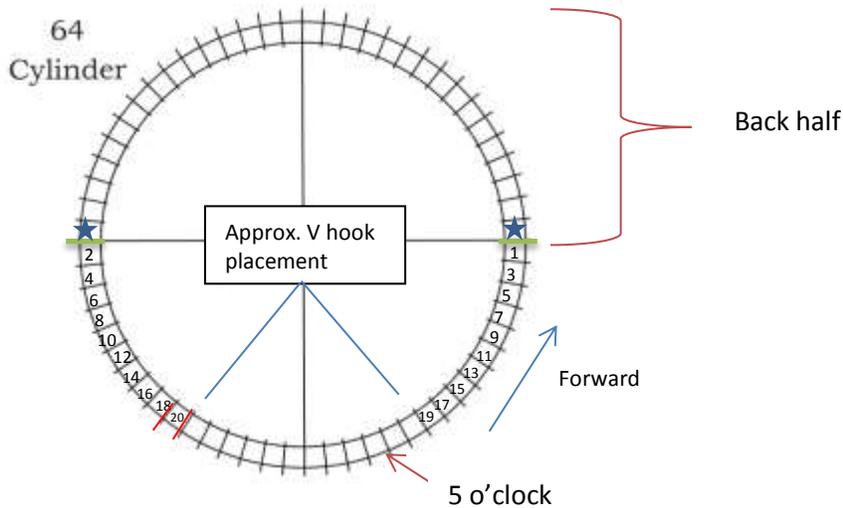


If you are making a deeper heel, you will raise less needles at the back and have more decreases and increases. Mark you cylinder for a deeper heel where I have marked in blue (or to your desired spot-I sometime raise only 2 less on each side instead of 3), and your # 1 and 2 needle positions are also adjusted and you will have 26 (or 24) decreases instead of 20

1. When finished with leg/preheel, crank yarn carrier to about the 5 o'clock position
2. Raise all the needles at the back half of the cylinder to be out of work (for a deeper heel raise 3 or 2 less on each side)
3. Crank FORWARD past the last click of the working needles (past 12 o'clock to about the 11 o'clock position).
4. **Engage Heel Spring** – make sure it lifts and puts tension on working yarn.
5. Raise the first working needle on the right labeled #1 in the diagram, make sure needle is all the way up so that it won't pull down into work when you crank in reverse on the next step.
6. Watching to make sure first two needles (#3 and #5 have OPEN latches that will close around the working yarn, crank IN REVERSE past the last click of the even numbered working needles. (Around the 12 o'clock position)
7. Raise the first working needle on the left labeled #2, making sure the needle is all the way up and out of work.
8. Crank FORWARD slowly) make sure the working yarn is closed in the latches of needles #4 and #6 and crank past all the working needles (listen for that last click).
9. Raise needle #3
10. Carefully pinch and pull down on the yarn below needles #5 and #7 and crank IN REVERSE, making sure that needle # 5 and # 7 close around the working yarn. Crank past the even numbered working needles on the left until you hear the last click.
11. Raise needle #4
12. Carefully pinch and pull down on the yarn below needles #6 and #8 and crank FORWARD, making sure that needles #6 and #8 close around the working yarn. Crank past the odd numbered working needles on the right until you hear the last click.
13. Your corner stitches are probably riding up now. Get your weighted V-hook and hanging it with the V under the center of the heel (around 6 o'clock about 8-10 rows down) the hooks should be facing in toward the center of the cylinder under needles 19 and 20.
14. Continue raising needles in the established pattern raising odd on right, cranking in reverse, raising even on left and cranking forward. Move V-hook position up once or twice. Watch stitches carefully when they start to ride up, you need to reposition the V-hook.
15. Continue until you have raised your target needle (or one before target for the toe) which should be needle 20 on the left. Then crank FORWARD past needle 1 and stop around 12 o'clock. Reposition the V-hook one last time to about 5 rows below the top of the cylinder. Don't squeeze it, just place it. You should not have to touch it again.

See Pg 2 for INCREASES

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Increases (Needles 1-20 have all been raised during decreases, there are 12 needles remaining in work and the working yarn was cranked forward to the right past the odd needles and is resting around 12 o'clock.)

1. Lower needles #19 and #17 on the right into work, wrap the working yarn behind those 2 needles, and make sure the latches are OPEN!
2. Crank IN REVERSE slowly, make sure the working yarn catches in #17 and #19, then crank past the working and even numbered needles to around 12 o'clock. (Listen for the last click!)
3. Lower needles 20 and 18 on the left into work, wrap the working yarn behind those 2 needles, and make sure the latches are OPEN.
4. Crank FORWARD slowly, make sure the working yarn catches in #18 and #20, then, crank past all the working and odd numbered needles to around 12 o'clock.
5. Lower needle #15 into work, and wrap the yarn behind it, make sure the latch is open.
6. Crank IN REVERSE slowly, make sure the working yarn catches in 15 and 13 then you crank past the working and even numbered needles to around 12 o'clock
7. Lower needle 16 into work, and wrap the yarn behind it, make sure the latch is open.
8. Crank FORWARD slowly, make sure the working yarn catches in 16 and 14 then you crank past the working and odd numbered needles to around 12 o'clock.
9. Continue lowering one needle at a time (as in steps 5-8) on alternating sides and wrapping the needle just lowered, making sure latches are OPEN, cranking slowly and making sure the working yarn catches in the needle just lowered and its neighbor.
10. After you lower number 4 and crank FORWARD slowly past the working the last standing needle on the right (#1) STOP. Only needles #1 and #2 in front of the half marks remain standing.

Finish Heel

11. Lower needle #1. Wrap needle #1 and the first out of work needle still standing past the half mark next to it (the starred needle) with the working yarn. Make sure latches are open. ****WATCH NEEDLE #1. The wrap around the standing needle pulls up and working yarn often does not catch in latch of #1**.**
12. Crank IN REVERSE slowly making sure working yarn catches in the needle just lowered and its neighbor past all the needles in work and past #2 on the left.
13. Lower needle #2. Wrap needle #2 and the first out of work needle still standing past the half mark next to it (the starred needle) with the working yarn. Make sure latches are open. **WATCH NEEDLE #2. See ****
14. Crank FORWARD slowly to 5 o'clock.
15. Lower all the needles back into work. Make sure latches are open. Take off heel spring and reset row counter.
15. Begin cranking FORWARD and crank desired number of rounds for the foot.
16. Then make toe like heel until step 11, go to Finish Toe.

Finish Toe

11. Lower needle #1 on into work. Wrap needle #1. (DO NOT wrap its neighbor. Make sure latch is open. Do not crank yet.
12. Lower needle #2 on left. Make sure latch is open. DO NOT WRAP IT.
13. Half the needles (the ones on the front) are in work and the back half are out
14. Crank IN REVERSE to move carrier to the left past all working needles. Stop after the last click around 12 o'clock.
15. Clip project yarn long enough to Kitchener the toe and tuck inside of sock in cylinder. Crank carrier to ;left half mark.
16. Thread waste yarn through guide and into carrier. Crank carefully & slowly making sure yarn catches in #2 and #4 and rest of working needles. STOP at 5 o'clock. Place all back needles into work, making sure latches are OPEN.
17. Crank about 20 waste rounds; remove sock from machine and Kitchener toe closed.