Drill-powered Cord Maker Holders
Plain and Fancy

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Plain   ## Fancy

Drill holders for the Drill-powered Cord Maker.

The cord maker can be used hand held, but if you are making many cords, it is tiring, and some way must be fashioned to hold the head firmly while adding and tensioning the threads.

We have designed and built two holders for the drill that powers the Drill-powered Cord Maker.   We use the "Fancy" one because it is more stable, and frankly because we had the tools to make it.   Not everyone does. So we also made a simple one that can be made with a handsaw and screw driver or glue. Ours were made with scrap wood that was on hand.

The purpose of the long board in front of the drill is to add stability when threading the Cord Maker; otherwise it tends to tilt forward. Self-stick felt pads (or a piece of carpet) on the bottom makes it slide nicely along your work surface. It also prevents marring the table top.

The attached "plans" are for guidance and are not intended to be exact blueprints. The "Plain" design needs lots of rubber bands firmly holding the drill in place for stability since it has no front piece to stop the drill from shifting forward while sliding during the twisting operation.

To use the cord maker, we set up the holder, drill and Drill-powered head at the end of a long table. After making taut the threads between the Drill-powered head and the outend (a board with 4 cup hooks) on the other side of the room, we turn on the drill and slide along the table, maintaining tension, until the desired initial over-twist is obtained (15% works for many yarns) is reached. We have a 15% distance mark on the table with masking tape. After the counter-twist we come back to the same mark. In both steps tension is maintained by the hand which controls the sliding of the drill and holder.
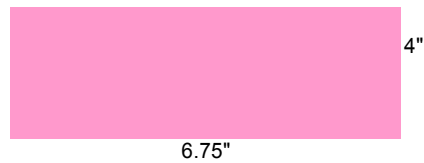
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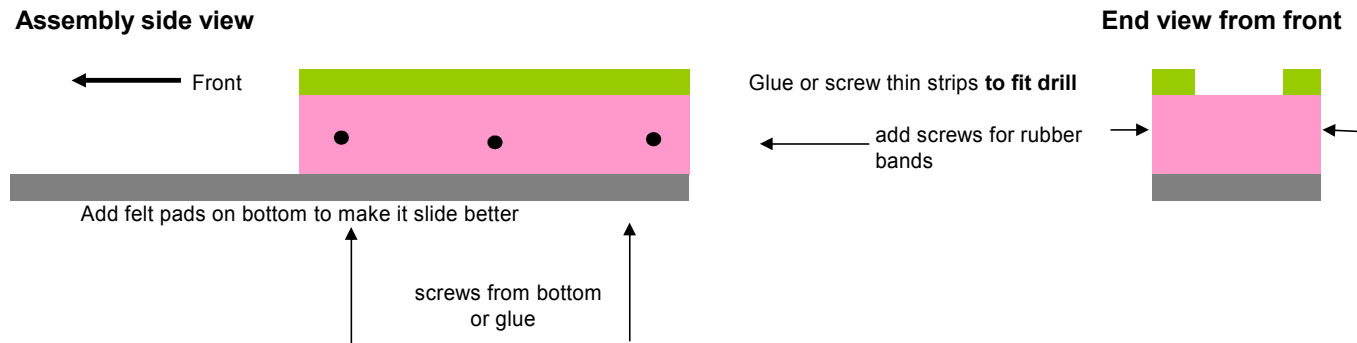# "Plain" Drill holder for Bradshaw Cord Maker

Parts
one   12" x 4" x 1"
one   7" x 4" x 2"
one   carpet scrap
two   thin strips of wood, about 0.5" x 0.75" x 7" (cut lengthwise from 1 x 4 lumber) adjust size and position to be sure Bradshaw head is not hitting anything.
some   screws
Three   rubber bands

4"

12"

1 x 4 lumber

4"

6.75"

2 x 4 lumber

~0.5"
7"
~0.5"
7"

Assembly side view

← Front

Add felt pads on bottom to make it slide better

screws from bottom
or glue

End view from front

Glue or screw thin strips **to fit drill**

← add screws for rubber bands

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"Fancy" Drill holder for Bradshaw Cord Maker

Parts
- one   12"x5"x1/2"
- one   6.75"x5"x1/2"
- one   6.75"x1.75"x1/2"
- one   6.75"x1.25"x1/2"   With a notch for drill trigger / direction button
- two   5"x3"x1/4"   end pieces. One with a notch for drill end
- one   carpet scrap
- some   screws
- two   rubber bands

5"

12"

3"

3"

5"

5"
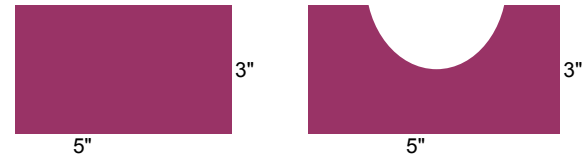
Be sure front notch is high enough for Bradshaw head to clear base board. Could be a vee instead of round.
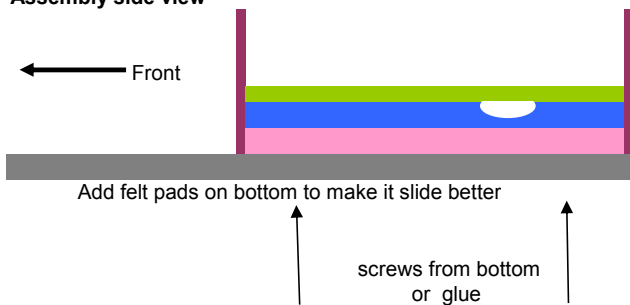
1/2" plywood

1/4"plywood (3/16" is OK)

5"
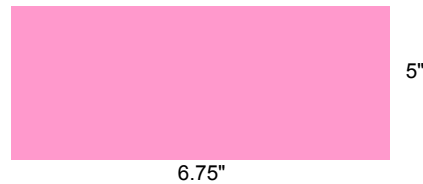
This piece is to support end pieces

6.75"

1.75"

6.75"

Be sure these are high enough for Bradshaw head to clear base board

1.25"

6.75"

Assembly side view

← Front

Add felt pads on bottom to make it slide better

screws from bottom
or glue

End view from front

add screws for
rubber bands
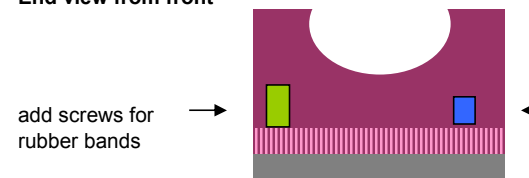
Screws for end pieces go into the support piece from front or back