How to make a Drill-Ready Hook & Loop Sanding Disc

Materials needed:

1- 2 1/2" x 1/4" carriage bolt with 1/4" locking nut.

1- rubber pad - I use rubber floor mat it is approx. 3/8" thick and is flexible.

1- block of wood turned round to desired size 2"- 3"- 4" etc.

1- piece hook Velcro cut to desired size .



1. Chuck and turn block to wedge shape. Large end will be the face to glue the rubber pad on.



2. Drill hole in the face of block the size of the carriage bolt deep enough for the head of the bolt to be flush with the face.



3. Flip the block, chuck up and drill a 1/4" hole thru the block.



4. Install the carriage bolt in hole, make sure you press or tap to seat the square shoulder of the carriage bolt into the wood in the hole. This will allow you to tighten the lock nut on the carriage bolt which is on the small end of the block.



5. Glue the rubber pad onto the face of the block, I use shoe goo as it will hold up if the pad heats up.



6. Place hook Velcro on rubber pad using shoe goo, do not use hot melt glue as the heat will cause the glue to separate from the Velcro. THIS I KNOW FROM EXPERENCE.



7. Picture of assembled sanding disc.



8. Picture of sanding disc mounted in drill.

Hope this helps you construct a Drill-Ready Sanding Disc.

BE SAFE, RALPH