

Making Sanding Disks from Sheet Sandpaper

By: Mack DeBose

Material & Tools Required:

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| 1 Wood block approximately $\frac{3}{4}$ " x 4" square | 1 2" or 3" face plate w/screws |
| 1 Wood block approximately $\frac{3}{4}$ " x $3\frac{1}{4}$ " square | 1 Spur drive |
| 1 Wood block approximately $\frac{3}{4}$ " x $2\frac{1}{4}$ " square | 1 4 jaw chuck |
| | 1 Box knife |
| | 1 Spindle gouge |
| | 1 Live center |
| | Sheet sandpaper in various grits |

Preparation of Jig

- 1) Turn $3\frac{1}{4}$ " block down to 3" diameter between centers
- 2) Turn $2\frac{1}{4}$ " block down to 2" diameter between centers
- 3) Chuck each round block and turn face flat or slightly concave
- 4) Mount 4" square block on a face plate or in a chuck.
- 5) Turn the block until round and face off until flat.
- 6) Cut or tear sandpaper to approximately $3\frac{1}{4}$ " square.
- 7) Place sandpaper square against face plate block with grit side toward the headstock.
- 8) Using the 3" diameter block, sandwich the sandpaper against the face plate block applying pressure with the live center in the tailstock.
- 9) With the spindle turning and using the tool rest, place the cutting tip of the box knife against the side of the 3" block and lightly push it into the spinning sandpaper. **CAUTION: Do not let the cutting edge of the knife grab into the side of the guide block.**
- 10) Remove the sandpaper disk.
- 11) Repeat for operations 6 thru 10 for 2" disks using the 2" guide block.