

## Lathe Mounted Disc Sander

This Lathe attachment is uniquely designed to provide sanding functionality to many brands of 10" and 12" swing Lathes. Use it for virtually any sanding application. The tool features:

- Variable speed (available from your lathe)
- Tilt table from -45° down to 10° up
- Included, adjustable T-slot miter gauge
- Easy to Mount and unmount from Lathe
- Heavy Duty Aluminum bed
- Adjusts for 10" and 12" swing lathes
- Dust Port

### General & Specific Safety Rules:

1. **Keep work area clean** - Cluttered areas and benches invite accidents.
2. **Do not use in a dangerous environment** - Keep area well lit. Do not use tools in a damp or wet locations or expose them to rain.
3. **Keep children away and make sure shop is child proof** - All visitors should be kept a safe distance spinning disc.
4. **Maintain Tools** - For the best and safest performance, keep all parts clean.
5. **Do not sand with excessive pressure** - It will do a better and safer job and avoid motor burnout.
6. **Wear Proper Apparel** - Do not wear loose clothing, ties, rings, or other jewelry that can get caught in spinning parts. Wear non-slip footwear. Tie back or cover long hair.
7. **Use safety goggles or a face shield** - Everyday glasses are NOT safety glasses.
8. **Use a dust mask** - Since sander creates fine airbourne dust particles.

### Lathe Components (Fig B)

1. 5" x 12" Slotted Aluminum bed
2. 9" PSA Sandpaper disc – 100grit
3. 9" Alluminum Sanding disc attachment
4. Height adjustment Risers(2ea)
5. Height adjustment connection bolt (2ea)
6. Table tilt adjustment
7. 1-1/2" Dust port
8. Sander Frame
9. Bed attachment bar
10. Bed attachment handle
11. Mitre Gauge

### Assembly

- Thread sanding disc attachment (3) on to 1" x 8tpi headstock spindle.
- To adjust from 12" (default delivery) to 10" swing lathes: loosen the height adjustment bolts (5), slide off the risers (4) and re-attach.
- Position the sanding assembly on lathe bed as shown in Fig A.
- Attach frame to lathe bed by dropping Lathe attachment knob (10) through the frame and lathe ways secure by threading into the Bed attachment bar (9) positioned under an across the lathe ways. Do not completely tighten.
- Adjust the table square to the Sanding Disc (3), then tighten the Attachment knob (10) to secure.
- To vertically align to the disc, Use a square on the Sanding bed and position the tilt adjustment (6) until the bed is square to the disc. Tighten.

### Pen Squaring

- use PSI squaring jig
- #PKSQUARE for best results.

Figure A

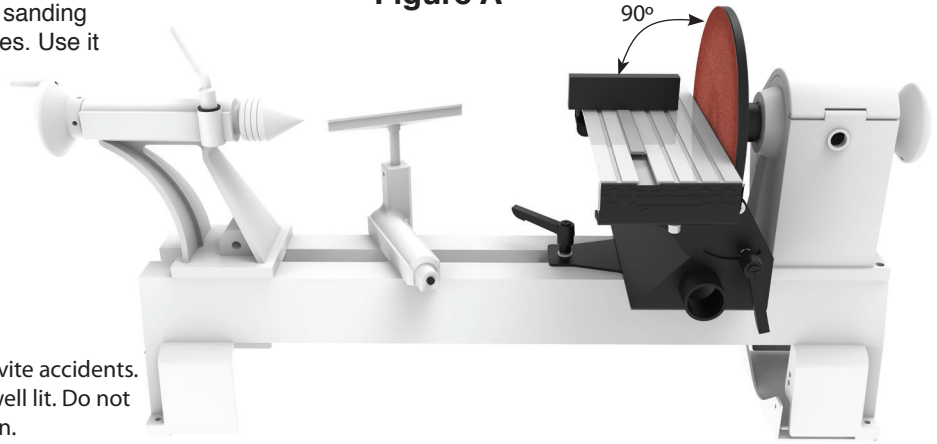


Figure B

