

**SAFETY**  
→  
**FIRST**

# Using a Power Sander





**SAFETY**

**FIRST**

# Safety Notice - Brand Disclaimer

## Safety Notice

The viewer is expressly advised to consider and use all safety precautions described in this presentation or that might also be indicated by undertaking the activities described herein. In addition, common sense should be exercised to help avoid all potential hazards.

Publisher assumes no responsibility for the activities of the viewer or for the subject matter experts who prepared this presentation. Publisher makes no representation or warranties of any kind, including but not limited to, the warranties of fitness for particular purpose or merchantability, nor for any implied warranties related thereto, or otherwise. Publisher will not be liable for damages of any type, including any consequential, special or exemplary damages resulting, in whole or in part, from viewer's use or reliance upon the information, instructions, warnings or other matter contained in this presentation.

## Brand Disclaimer

Publisher does not necessarily recommend or endorse any particular company or brand name product that may be discussed or pictured in this presentation. Brand name products are used because they are readily available, likely to be known to the reader, and their use may aid in the understanding of the presentation. Publisher recognizes that other brand name or generic products may be substituted and work as well or better than those featured in the presentation.



**SAFETY**  
→  
**FIRST**

# Using a Power Sander

**Always wear eye protection and a  
NIOSH approved dust mask.**



**SAFETY**  
→  
**FIRST**

# Using a Power Sander

**Be certain the sanding belt or disc is correctly mounted.**

- **Make sure the adhesive is holding the disc tightly to the platen.**
- **The belt must track in the centers of the rollers and platen.**



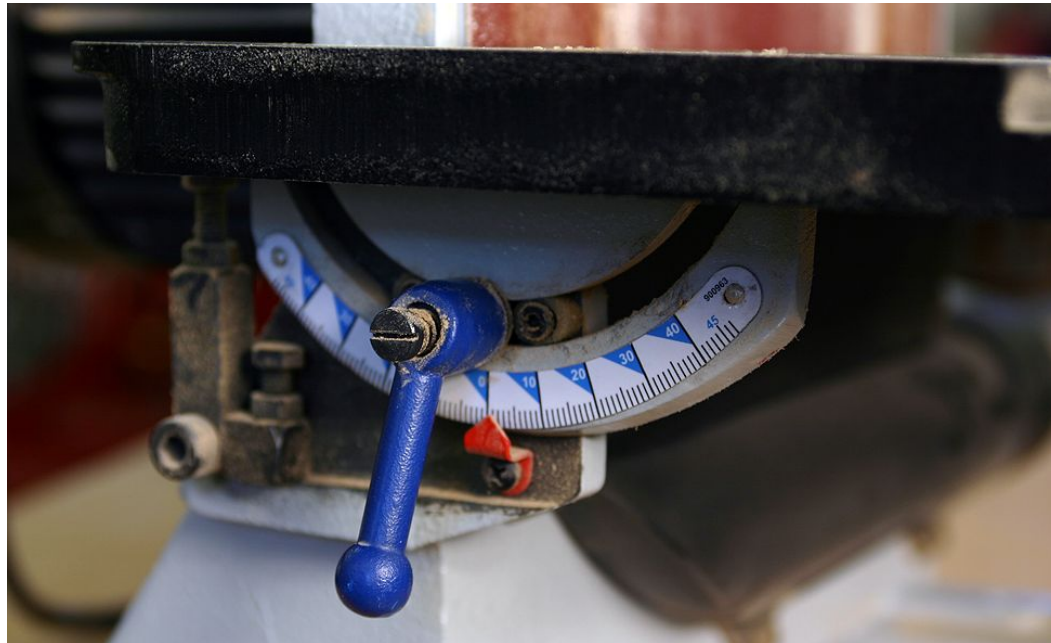


**SAFETY**  
FIRST



# Using a Power Sander

**Make sure the guards and worktable adjustments are securely locked.**





**SAFETY**  
→  
**FIRST**

# Using a Power Sander

**Use the worktable, fence, and other guides to control the position of the work, whenever possible.**



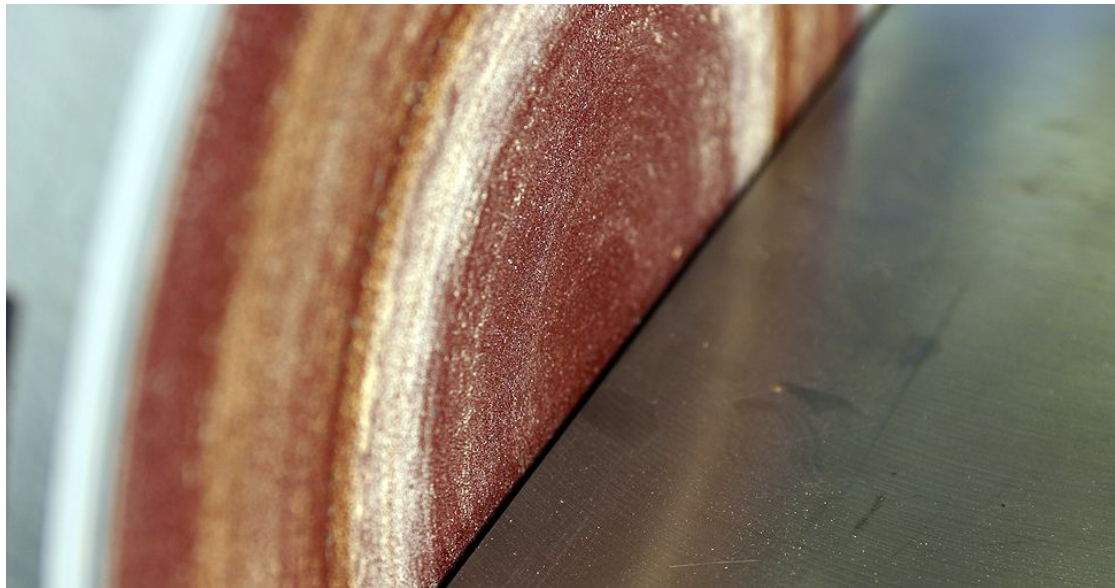


**SAFETY**  
FIRST



# Using a Power Sander

**Position the table 1/16 inch from the sanding belt or disc.**





**SAFETY**  
FIRST

# Using a Power Sander

**Hold small or irregularly shaped pieces in a hand clamp or make a special jig or fixture to hold them.**





**SAFETY**  
  
**FIRST**

# Using a Power Sander

**Do not use power sanders to shape parts when the operations could be performed better using other machines.**



**SAFETY**  
→  
**FIRST**

# Using a Power Sander

**Sand only clean, new wood.**

- **Do not sand wood that has excessive glue or finish on the surface.**
- **These materials will ruin the abrasive.**





**SAFETY**  
FIRST



# Using a Power Sander

**Keep the stock in motion when sanding to prevent burning from friction.**





**SAFETY**  
FIRST



# Using a Power Sander

**When sanding the end grain of narrow pieces on the belt sander, always support the work against the table.**





**SAFETY**  
FIRST



# Using a Power Sander

**Feed the stock directly against the sanding belt. Never feed it in from the left or right as it may catch and rip or pull the belt off.**



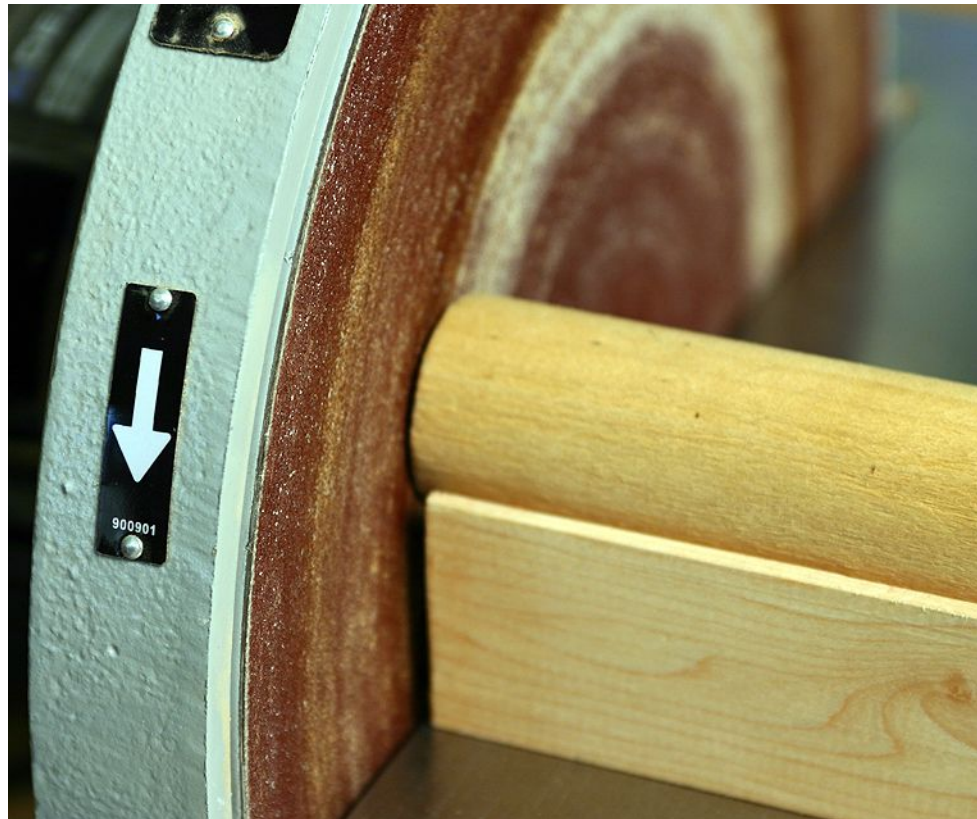


**SAFETY**  
FIRST



# Using a Power Sander

**Sand only on the side of the disc sander that is moving downward, toward the table.**

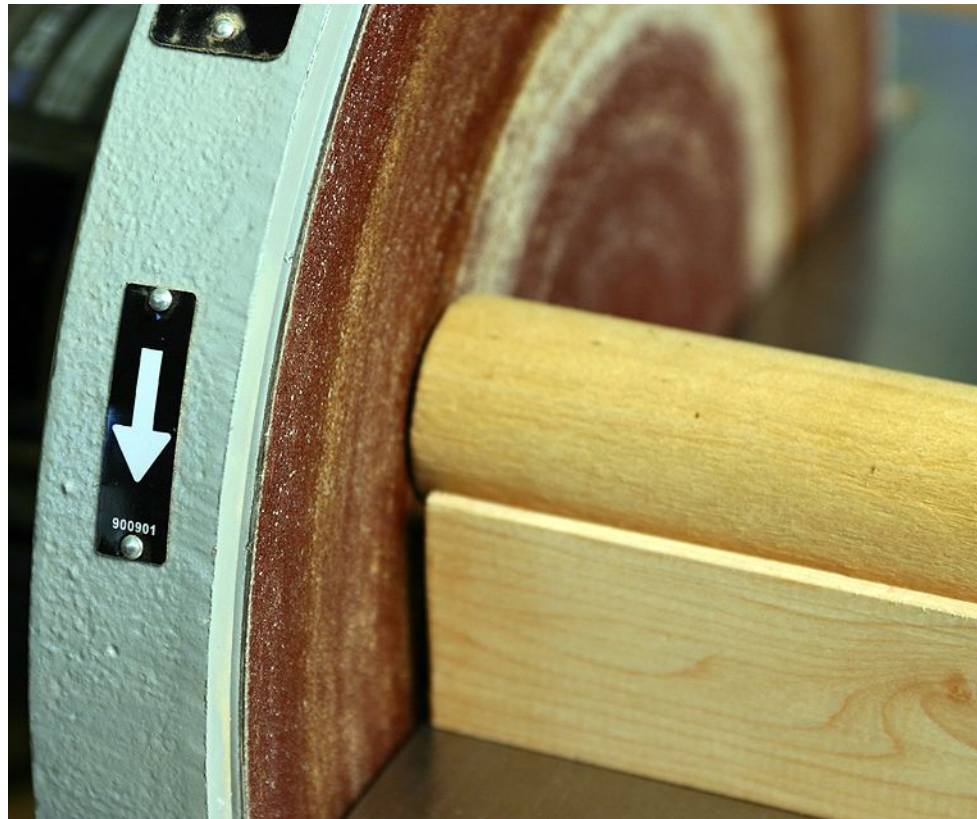




**SAFETY**  
→  
**FIRST**

# Using a Power Sander

**Check the rotation of the disc. Some rotate clockwise, others counterclockwise.**





**SAFETY**  
  
**FIRST**

# Using a Power Sander

## Credits

Safety glasses and respirators courtesy of  
Aearo Corporation

All other photography by  
Kevin May Corporation

Technical Assistance by  
Larry Kruzan