

TOOL GRINDER  
SAFETY INSTRUCTIONS

1. When using the tool grinder, an extra form of eye and face protection, such as a face shield, should be worn at all times in addition to your regular approved eye protection.
2. Always check that the tool rest is not more than 1/8 inch away from the grinder wheel, and that it is secure and will not move.
3. Be careful not to crowd and overheat the wheel. Use light pressure against the wheel.
4. Do not grind anything on the side of the wheel as the wheel may crack and shatter.
5. You should grind only iron and steel on the tool grinder. Any other materials will build up on the wheel.
6. When grinding small pieces, you should use the full face of the tool rest to support your material.
7. When grinding small articles you must secure them to something solid, such as a pair of vise-grip pliers. This will help keep you from burning your hands.
8. You must never use gloves or rags to hold your metal when you are grinding.
9. Do not stand in front of the grinding wheels when turning on the power.
10. When using the tool grinder, do not lean too close to your work. Your hair or clothing may be caught in the machinery. Long hair must be tied back and secured.

**If you are apprehensive about using this machine, have the instructor assist you.**