

## **LATHE SAFETY RULES**

1. Always wear eye protection.
2. If you've never used this machine before, ask for assistance first.
3. Make sure your part is tight in the chuck and remove the chuck key immediately. The chuck key should never leave your hand. Never leave the chuck key in the chuck.
4. Make sure the lathe is running at the right speed. Some lathes need to be stopped while setting the speed and others need to be running. Make sure you know which lathe you are using, ask for assistance if you are not sure.
5. Move the tool bit a safe distance away from the chuck or collet when inserting or removing work.
6. Turn the chuck by hand to check for any clearance problems before turning on the machine.
7. To turn the lathe on, bring the handle down to the center position first, then lift the handle all of the way up. Do not lower the handle all the way down and then lift it up. It is not good for the machine to run it between forward and reverse.
8. To stop the lathe, step on the brake until the spindle comes to a complete stop, then let go of the brake. Never turn the lathe off with the handle.
9. Make sure tool bits are sharp and on center. Ask for assistance in making adjustment.
10. Clean and return all tool bits to the lathe tool drawer.
11. Always clamp the tool bits as short as possible to prevent them from chattering or breaking.
12. Do not grasp any chips with your hands, use a hook, brush or pliers to remove them. If necessary, stop the lathe to remove chips.
13. When setting the automatic feed, make sure the tool is a safe distance away.
14. If any filing is done on work that is revolving in the lathe, file left handed (with both hands) to prevent slipping into the chuck. Never use a file without a handle.
15. Stop the machine before taking measurements.
16. Never try to take too heavy of a cut or try to rush through a part.
17. Never walk away from the machine while it is running.
18. If work is turned between centers, make sure that proper adjustments are made between centers and that the tailstock is locked in place.
19. Always clean the machine and make sure that everything is cleaned and put away. Remove tool bits from the tool post and drill chuck before cleaning the machine.