

Bench Grinder Safety

- Ensure all the guards are in place and secure before using a grinder
- Adjust tool rests to within 3 mm (1/8 in.) of wheels / Never adjust rests while wheels are moving / Work rest height should be on horizontal centre line of the machine spindle
- Maintain 6 mm (1/4 in.) wheel exposure with a tongue guard or a movable guard
- Tighten the nuts before you turn the grinder on. Do not use excessive force to tighten the nut of the wheel. The force can crack the wheel.
- Before you plug in the grinder, manually spin the wheel to make sure it is spinning freely



- Wear proper personal protective equipment: eye, ear and face protection, respiratory protection may be required, depending on the work / Wear gloves only where necessary and if there is no risk of entanglement
- Stand to one side of the grinder until the wheel reaches operating speed.
- Bring work into contact with the grinding wheel slowly and smoothly, without bumping
- Move the work back and forth across the face of the wheel. This movement prevents grooves from forming
- Dress wheels regularly / Replace worn wheels if you cannot dress it
- Ensure the grinder speed does not exceed the marked operating speed
- Do not use a wheel that has been dropped
- Do not use a wheel that does not fit properly to the spindle
- Do not grind wood, plastics and non-iron metals on ordinary wheels
- Do not leave grinding wheels standing in liquids. The liquid can cause balance problems
- Do not grind on the side of a regular wheel



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