

Use

Materials

- If it sticks to a magnet it is fine.
- If it is stainless steel (and you are sure) it is fine.
- Otherwise check first.

Before Use

- Ensure that the wheels are free from defects and have no aluminium embedded in them. They should be dull, not shiny.
- Ensure that the rests are near but not touching the wheels.
- Ensure that the guards are down - adjust them from the hinge not the loose end.
- Ensure the wheels rotate freely before switching the grinder on by turning them by hand.
- When adjusting the clear guards, make sure to adjust the left-hand by grabbing the top of the guard. It has snapped off in the past and been reattached using epoxy.

Using the grinder

- Do not grip the work too close to the wheel - it gets hot
- Do not force the work too hard - the grinder relies on speed, not on power
- When smoothing the end of a rod, steady it with the hand closest to the grinder and turn and rotate it with the other.

Safety

- Wear eye protection - hot metal in the eye is not pleasant
- Do **NOT** wear gloves - they could get entangled and pull your hand into the machine
- Never use the side of the wheel, however convenient it may seem. This can cause the wheel to shatter
- Don't stand in the path of the wheel when starting the grinder in case a wheel should shatter
- Don't leave the grinder until it has completely stopped spinning - other members may not realise it is still dangerous

PPE

Bench Grinder Related Pages

[Bench Grinder Qualification](#)

[Bench Grinder Risk Assessment](#)

[Category:Equipment](#) [Category:Bench Grinder](#)

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