



Basic safety measures for the use of our Zipcut wheels (not Exhaustive). Attend one of our free safety seminars. For more information, call us at 1-888-592-5837.

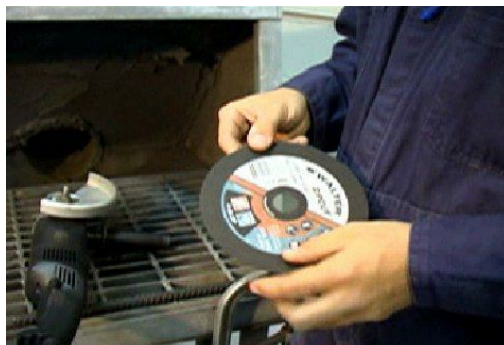
1. Always unplug the tool when changing an abrasive.



2. Always use an abrasive with a diameter that corresponds to the tool used (ie: 5" wheel on a 5" grinder). The maximum RPM on a wheel should be equal to or greater than the RPM of the grinder used.



3. Examine the wheel for damages or defects prior to installation (ie: ring test).



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4. Inspect flanges for damage or wear.

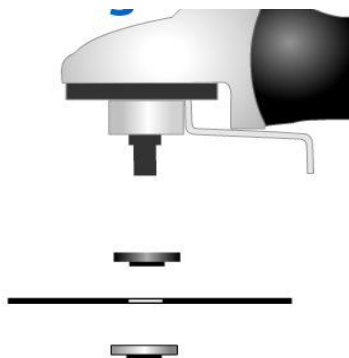


5. Use flat and matching flanges.



6. Flanges should cover at least $\frac{1}{4}$ of the wheel diameter. Can be smaller on wheels $< 8"$:
 - a. 1-1/8" if arbor hole $\leq 5/8"$
 - b. 1-3/4" if arbor hole is 7/8"

7. Positively center back flange, wheel and clamping flange.



8. Make sure the back flange is well in place on the grinder's spindle shoulder and flat.



9. Never use a flat wheel with a depressed center flange.



10. Tighten the wheel and make sure all is correctly in place. Do not over tighten.



11. Always use a safety guard and make sure it is positioned properly to protect you when using the grinder.



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12. Always use personal protective equipment such as goggles, face shield, mask, gloves, protective clothing, etc. to prevent burns that can be caused by sparks.



13. Make sure the work piece is secured before cutting.
14. Choose the cutting direction to present the narrowest cross section of the material to the wheel.



15. When cutting a work piece secured between 2 contact points, be careful that the wheel does not jam from metal piece folding down on the wheel.



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16. After the wheel has been safely mounted, always start the grinder in a safe direction for you and others around you.



17. When using a new wheel, use less feed pressure on the first cut to “break-in” the wheel nice and round.



18. Do not hit the wheel against the work piece; always make the contact gently.
19. Once the wheel is set in the material, the feed can then be increased.
20. Do not use excessive pressure when cutting; let the abrasive do the work.
21. If you feel any vibration, decrease the feed rate.
22. Always cut straight – do not twist or bend.
23. Never re-enter a cut.
24. Stop using a wheel if it overheats in cut.
25. Never grind or use sideways.
26. Keep the center of the wheel slightly behind the material to maintain control.
27. Cut large solids with a moderate rocking motion.

