

Grinding Wheels Are Safe... Use But Don't Abuse

Do

- 1 DO** always **HANDLE AND STORE** wheels in a **CAREFUL** manner.
- 2 DO VISUALLY INSPECT** all wheels before mounting for possible damage.
- 3 DO MAKE SURE OPERATING SPEED** established for machine does not exceed wheel speed.
- 4 DO CHECK MOUNTING FLANGES** for equal and correct diameter
- 5 DO USE MOUNTING BLOTTERS** when supplied with wheels.
- 6 DO** be sure **WORK REST** is properly adjusted. (Center of wheel or above; no more than 1/8" away from wheel.)
- 7 DO** always **USE A SAFETY GUARD** covering at least one-half of the grinding wheel.
- 8 DO** allow **NEWLY MOUNTED WHEELS** to run at operating speed, with guard in place, for at least one minute before grinding.
- 9 DO** always **WEAR SAFETY GLASSES** and appropriate eye and face protection when grinding.
- 10 DO TURN OFF COOLANT** before stopping wheel to avoid creating an out-of-balance condition.

Don't

- 1 DON'T** use a wheel that **HAS BEEN DROPPED**.
- 2 DON'T FORCE** a wheel onto the machine **OR ALTER** the size of the mounting hole – if the wheel won't fit the machine, get one that will.
- 3 DON'T** ever **EXCEED MAXIMUM OPERATING SPEED** established for the wheel.
- 4 DON'T** use mounting flanges that **ARE NOT CLEAN**, flat and designed for the wheel being used.
- 5 DON'T TIGHTEN** the mounting nut **EXCESSIVELY**.
- 6 DON'T** grind on the **SIDE OF THE WHEEL**. (See ANSI B7.1 for exceptions.)
- 7 DON'T** start the machine until the **WHEEL GUARD IS IN PLACE**.
- 8 DON'T JAM** work into the wheel.
- 9 DON'T STAND DIRECTLY IN FRONT** of a grinding wheel whenever a grinder is started.
- 10 DON'T** grind material for which the **WHEEL IS NOT DESIGNED**.

This wall chart is provided in the interest of safety.



Organized for the Development of Safe and Efficient Grinding Practices
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For further information see ANSI B7.1
"Safety Code for the Use, Care and
Protection of Abrasive Wheels."