

GOODSON

Tools and Supplies for Engine Builders

156 Galewski Drive • P.O. Box 847 • Winona, MN 55987-0847

Toll-Free 1-800-533-8010 • Local 507-452-1830 • www.goodson.com

Instructions for Crank Grinding Wheel Users

Please keep these instructions near your grinding machine.

Grinding is a safe operation if the few basic rules listed below are followed. These rules are based on material contained in the ANSI B7.1 Safety Requirements for "Use, Care and Protection of Abrasive Wheels." For your safety, we suggest you benefit from the experience of others and carefully follow these rules.

IMPORTANT: Deliver this insert with grinding wheel to operator! Please read before mounting wheel.

WARNING!! Improper use may cause breakage and serious injury!

- **Always handle and store** wheels in a careful manner.
 - **Visually inspect** all wheels before mounting for possible damage.
 - **Check machine speed** against the established maximum safe operating speed marked on the wheel.
 - **Check mounting flanges** for equal and correct diameter.
 - **Use mounting blotters** when supplied with wheels.
 - **Be sure work rest** is properly adjusted. (Center of wheel or above; no more than 1/8" away from wheel.)
 - **Always use a safety guard** covering at least 1/2 of the grinding wheel.
 - **Allow newly mounted wheels** to run at operating speed, with guard in place, for at least one minute before grinding.
 - **Always wear safety glasses** or some type of eye protection when grinding.
 - **Turn off coolant** before stopping wheel to avoid creating an out-of-balance condition.
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- **Do not** use a cracked wheel or one that has been dropped or damaged in any way.
 - **Do not** force a wheel onto the machine or alter the size of the mounting hole. If wheel won't fit the machine, get one that will.
 - **Do not** over exceed the maximum operating speed established for the wheel.
 - **Do not** use the mounting flanges on which the bearing surfaces are not clean, flat and free of burrs.
 - **Do not** tighten the mounting nut excessively.
 - **Do not** grind on the side of the wheel (see Safety Code B7.1 for exception).
 - **Do not** start the machine until the wheel guard is in place.
 - **Do not** jam work into the wheel.
 - **Do not** stand directly in front of a grinding wheel whenever a grinder is started.
 - **Do not** force your grinding so that motor slows noticeably or work gets hot.