

Cut-Off Wheel Users

WARNING

BEFORE USING THIS PRODUCT READ THE SAFETY GUIDE PROVIDED FOR IMPORTANT SAFETY INFORMATION.



Grinding wheels improperly used are DANGEROUS.

BE SAFE—PROTECT YOURSELF!!
TACK THIS IN YOUR GRINDING DEPARTMENT

WARNING: AVOID INHALATION OF DUST generated by grinding and cutting operations. Exposure to dust may cause respiratory ailments. Use approved NIOSH or MSHA respirators, safety glasses or face shields, gloves and protective clothing. Provide adequate ventilation to eliminate dust, or to maintain dust level below the Threshold Limit value for nuisance dust as classified by OSHA. **WARNING:** Dust generated from intended use of this product may contain trace levels of phenolic resins which may under excessive exposure cause skin sensitization and airway obstruction. **WARNING:** Dust generated from intended use of this product may contain trace amounts of inorganic fluorides. Excessive exposure to fluorides has been shown in NIOSH studies to increase bone density. **WARNING:** This product contains a chemical known to the state of California to cause cancer and/or birth defects or other reproductive harm.

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GRINDING WHEELS AND CUTOFF WHEELS ARE SAFE...USE BUT DON'T ABUSE

DO...

1. DO always HANDLE & STORE wheels in a CAREFUL MANNER.
2. DO VISUALLY INSPECT all wheels for possible damage before mounting.
3. DO MAKE SURE MACHINE SPEED does not exceed the operating speed marked on the wheel or on its container.
4. DO CHECK MOUNTING FLANGES for equal and correct diameter.
5. DO USE MOUNTING BLOTTERS when supplied with wheels.*
6. DO MAKE SURE WORK IS HELD FIRMLY IN PLACE. Clamp work when using non-reinforced wheels.
7. DO always USE A PROPERLY DESIGNED SAFETY GUARD.
8. DO allow NEWLY MOUNTED WHEELS to run at operating speed, with guard in place, for at least one minute before cutting.
9. DO always WEAR proper eye protection when cutting-off.
10. DO TURN OFF COOLANT before stopping wheel to avoid creating an out-of-balance condition.
11. DO consult the MSDS for each product involved in the cutting process.
12. DO always WEAR SAFETY GLASSES or some type of eye protection when grinding.

*see safety code for exceptions.

DON'T...

1. DON'T use a wheel that HAS BEEN DROPPED or DAMAGED.
2. DON'T 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.
3. DON'T ever EXCEED MAXIMUM OPERATING SPEED established for the wheel.
4. DON'T use mounting flanges on which the bearing surfaces ARE NOT CLEAN, FLAT AND FREE FROM BURRS.
5. DON'T TIGHTEN the mounting nut EXCESSIVELY.
6. DON'T grind on the SIDE OF THE WHEEL.
7. DON'T start the machine until the WHEEL GUARD IS IN PLACE.
8. DON'T STAND DIRECTLY IN FRONT of a cutoff wheel whenever machine is started.
9. DON'T cut material for which the WHEEL IS NOT DESIGNED.
10. DON'T JAM, COCK, BEND, or pinch the wheel.
11. DON'T CUT without proper ventilation and personal protective equipment.

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CAUTION

IMPORTANT SPECIAL MAXIMUM SPEED

YOU MUST COMPLY WITH ALL PROVISIONS OF ANSI B7.1 SAFETY CODE WITH PARTICULAR ATTENTION PAID TO SECTION 8 "SPECIAL SPEEDS" WHICH SAYS IN PART...

REQUIREMENTS FOR SPECIAL SPEEDS

Wheels used on special applications at speeds higher than those listed in Table 24 (Section 7, page 77) shall only be used subject to the following three conditions: (A), (B) and (C), on effectively guarded, fully protected machines.

CONDITION A—THE WHEEL MANUFACTURER

The wheel manufacturer shall make certain that the wheels are of adequate strength, have been tested at a suitable overspeed in accordance with Section 8.3.1, page 82, and bear the wheel manufacturer's approval of the higher speed. See Section 1.2.19, page 5 for definition of "The Wheel Manufacturer."

CONDITION B—THE MACHINE BUILDER

The machine builder shall make certain at time of manufacture that the machine is of suitable design and adequately guarded for the operation in question. See Section 1.2.20.1, page 5, for definition of "The Machine Builder."

speeds cont.

It shall be the machine builder's responsibility to consult with a wheel manufacturer to determine that a wheel for the special speed application can be manufactured and tested in accordance with the requirements established in Section 8.3.1 page 82.

CONDITION C—THE USER

the machine user shall make certain that the machine is operated with approved safety guards and that the machine is maintained in a satisfactory condition, as defined in Sections 3 and 4, page 21 and page 30. See Section 1.2.21, page 6 for definition of "The User."

SAFETY GUIDE

This guide is to be delivered with the grinding wheel to the operator whether for industrial, commercial or home workshop use. The safety information should be used only as a guide. For complete and detailed safety information see A.N.S.I. SAFETY CODE B7-1-1988

THIS PAMPHLET is designed as a guide for the individual user of grinding wheels whether he be in the employ of a large corporation or in the confines of his home work shop. It is based on the premise that grinding is a safe operation when a few basic rules are followed. These rules are based on material contained in the American National Standards Institute Safety Requirements 87-1- "Use, Care & Protection of Abrasive Wheels." FOLLOW THEM.

To obtain a copy of the complete ANSI 87.1 code, ask your distributor, or contact the wheel manufacturer, or write to ANSI, 1430 Broadway, NY, NY 10018. Rev. 98.5

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