

ELKHART PRODUCTS CORPORATION

“TOOLBOX SAFETY TALK”

ABRASIVE WHEEL MACHINERY

OSHA 29 CFR 1910.215



WELCOME

PRECAUTIONS

- Bench and pedestal grinders should be permanently mounted or secured.
- The maximum RPM rating of each abrasive wheel must be compatible with the RPM rating of the grinder motor.
- Each electrically operated grinder should be effectively grounded.
- Each grinder should have an individual "On" and "Off" control switch.



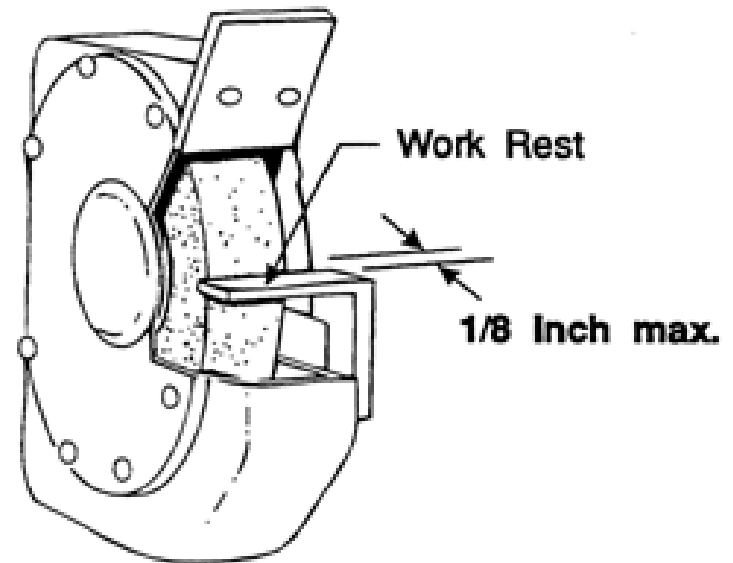
PRECAUTIONS

- The side of a wheel should not be used for grinding, unless it is a special type of wheel designed for that purpose.
- Defective abrasive wheels (cracked, broken, out of balance) should not be used.
- Abrasive wheels that have been discarded should not be re-used.



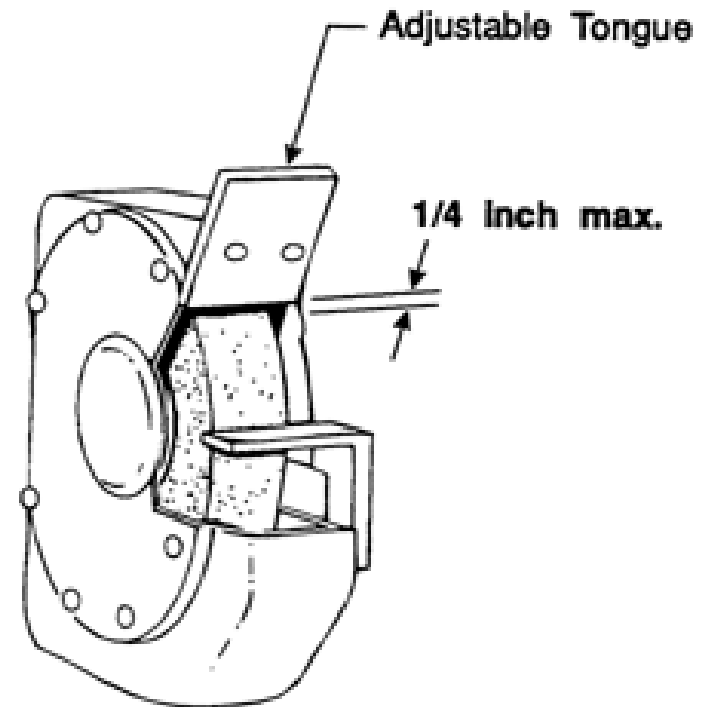
ABRASIVE WHEEL SETUP

- Grinding wheels should be equipped with a work rest, also referred to as a tool rest, that holds the work firmly.
- The work rest must be kept adjusted close to the wheel with a maximum opening of 1/8" to prevent the work from being jammed between the wheel and the rest.



ABRASIVE WHEEL SETUP

- Grinding wheels must also have an adjustable tongue guard.
- The tongue guard must be adjusted to within 1/4" of the wheel.



EYE & FACE PROTECTION

- Eye injuries at grinders have demonstrated that safety glasses alone are insufficient protection.
- ALWAYS wear a face shield when using a grinder.



STORAGE & INSPECTION

- Abrasive wheels must not be stored where they would be exposed to high temperature or humidity, water or other liquids or where they would be subjected to physical damage from falling tools or materials.
- Before new abrasive wheels are used they should be visually inspected and ring tested.