

SafetyTIPS

FOR YOUR PROTECTION

SAFETY GUIDES



Grindwell Norton provides information pertaining to the safe usage of many of its products. Please take time to read it carefully.

EYE PROTECTION



Always wear safety glasses/goggles for eye protection while using abrasive products.

SPEEDS



Check machine speed against safe maximum operating speed marked on the grinding wheel.

SAFETY GLOVES



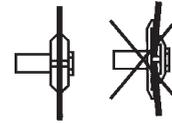
Grinding applications are conducted in harsh environments. The use of safety gloves is recommended.

WHEEL GUARD



Always use the wheel guard as supplied by the manufacturer

FLANGES



When mounting cut-off or bench and pedestal wheels, only use flanges of equal diameter.

PROPER USAGE OF GRINDING WHEELS

Safe operating practices must be part of every grinding wheel user's operation. The greatest efficiency and lowest overall abrasive cost can be realized only if proven care and use techniques become standard practice.

Do's

- ▶ Always handle and store wheels in a careful manner.
- ▶ Before mounting, check all wheels for possible damage in transit.
- ▶ Check maximum operating speed established for wheel against machine speed.
- ▶ Check that mounting flanges are at least one-third diameter of the wheel and relieved around hole.
- ▶ Use the Mounting blotters supplied with the wheels.
- ▶ Ensure that work rest is correctly adjusted. (Centre of wheel or above; no more than one-eighth inch away from wheel.)
- ▶ Always use a guard covering at least one-half of the grinding wheel.
- ▶ Allow newly mounted grinding 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 operating grinding wheel.
- ▶ Avoid creating an imbalance of the wheel by turning off the coolant before stopping the wheel.

Don'ts

- ▶ Don't use a wheel that has been dropped.
- ▶ Don't force a wheel onto a machine. Nor should the size of the mounting holes be altered. If the wheel does not fit the machine get one that will.
- ▶ Don't exceed established maximum operating speeds.
- ▶ Don't use mounting flanges on which the bearing surfaces are not equal, clean or flat.
- ▶ Don't tighten the mounting nut excessively.
- ▶ Don't grind on the side of a wheel unless, of course, the wheel has been specifically designed for that purpose.
- ▶ Don't start the machine when the wheel guard is not in place.
- ▶ Don't jam the work into the wheel.
- ▶ Don't stand directly in front of a wheel whenever the grinding begins.
- ▶ Don't grind material for which the wheel is not designed.