



DRILLING MACHINES

In appropriate circumstances, the safe use of the equipment being discussed should be demonstrated.

- 1) Do not hold the work piece by hand, always use a clamp, vice or jig.
- 2) Do not remove swarf by hand, use a brush or stick.
- 3) Always use the guard to the chuck and bit.
- 4) Ensure that you have no loose clothing or long hair, which could get caught up by the chuck or bit.
- 5) Do not wear gloves while operating the drill.
- 6) If the drill is fitted with a tripping device of the telescopic probe type, make sure it extends as low as possible.
- 7) Keep cleaning rags away from all moving parts.
- 8) Always make sure the chuck key is removed before starting the drill.
- 9) If the work piece comes loose, stop the drill and tighten the holder.
- 10) Concentrate on the operation and do not become distracted while drilling.
- 11) Avoid drill breakage while easing off the feed while breaking through.
- 12) Support thin material.



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- 13) Use only sharp, properly ground drills.
 - 14) Clean up as you go.
 - 15) Wear eye protection.
 - 16) Report any defect in the equipment or the system of work, and stop work immediately.