

Hold the tool in both hands and adopt a stable stance that give a good view of the work while keeping you clear of the bit.

Do not work in areas where you are forced to stand on loose debris or on a slippery uneven surface.

If possible, **drape the tool's flex over one shoulder to keep it clear of the bit**, but **make sure there is still enough slack** so you are not restricted in movement.

Start drilling slowly and carefully, then, once the hole is established, **concentrate on drilling in a straight line** - with the drill at right angles to the surface, where appropriate.

Apply just enough pressure to achieve a steady rate of penetration - too much or too little pressure will overheat and/or blunt the drill bit and could damage the electric motor.

When drilling into hard material such as **masonry, withdraw the bit from time to time**, keeping the drill running, in order **to cool it** and the drill motor. This will also clear waste from the hole.

When drilling large diameter holes with TCT or HSS twist bits, drill a small pilot hole first then drill the again with a larger bit, until the correct size is achieved.

If using a flat blade for timber, do not use a pilot as the flat bit relies on its own pilot tip to keep the blade central.

EQUIPMENT CARE

Never push the drill beyond its design capabilities. If it won't do the job you want with reasonable ease, change it for a more powerful model.

Never let the drill bit or motor overheat. Stop work at frequent intervals and run the drill for a minute or so, just holding it in your hands. The air drawn in and around it will cool everything down and prevent damage.

Regularly check that the air vent in the drill body are clear. If these become blocked with dust, clean them out using a soft brush before continuing, taking care not to push dirt into the drill body.

When not in use, **store the equipment somewhere clean, dry and safe** from thieves.

FINISHING OFF

Remove the drill bit and clean up the drill ready for return.

Neatly coil the flex and place in the carrying case ready for return to your local HSS Hire Shop.



...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

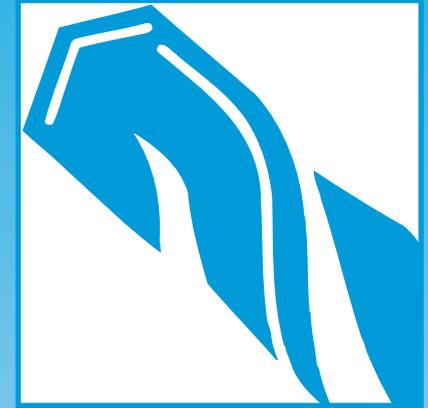
Fax: 0181-687 5001

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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.co.uk>

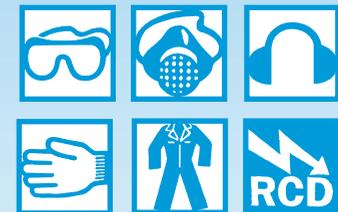
Operating & Safety Guide 835

HSS Hire Shops



Light Duty Hammer Drill

A light weight unit ideal for 4mm – 20mm holes in masonry and brick.



Code 02361

GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire Shop.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area.



Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.



Safety Goggles MUST be worn by everyone in the work area.



Some materials contain substances which, when inhaled, can be harmful to health. A suitable mask must be worn when using this equipment.



This equipment generates potentially harmful noise levels. To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.



Wear practical, protective clothing, gloves and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

Ensure the work area is well lit and ventilated, if in doubt, ask about dust extraction and ventilation equipment at your local HSS Hire Shop.

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. Keep combustible materials at a safe distance - at least 5m.

Make sure you know how to switch this machine OFF before you switch it ON in case you get into difficulty.

Always switch OFF and unplug the machine before making adjustments to it.

Never carry or pull the equipment by its power supply cable.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire Shop.

If working above ground-level, work from a stable, purpose-made platform. Steps and ladders are fine for gaining access and as work platforms for small, light jobs, but for prolonged, heavy work an access tower or something similar is a must.

Watch your footing. Take special care if working other than on firm, level ground.

Take special care when changing drill bits – they are sharp.

Always unplug the tool before making adjustments to it. Check that it is switched OFF before plugging it back in.

Having switched OFF, always wait for the drill bit to come to rest before putting the tool down.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire Shop.

Make sure you know how to switch this machine OFF before you switch it ON, in case you get into difficulty.

Think twice before locking the ON/OFF trigger in the ON position using any trigger lock button fitted.

Take special care when drilling into walls or floors, they may contain hidden pipework, reinforcing bars or electrical cables. If in doubt, hire a metal locator, to determine the exact position of such hazards.

COSHH information sheets are available from your local HSS Hire Shop.

ELECTRICAL SAFETY

Most HSS SDS Hammer Drills plug into a standard 13amp power socket. However, 110v models (with a round yellow plug) must be provided with a suitable 110v generated supply, or powered from the mains via a suitable 110v transformer.

If the equipment fails, or if its power supply cable or plug gets damaged, return it. Never try to repair it yourself.

Keep flexes out of harm's way, and clear of moving parts.

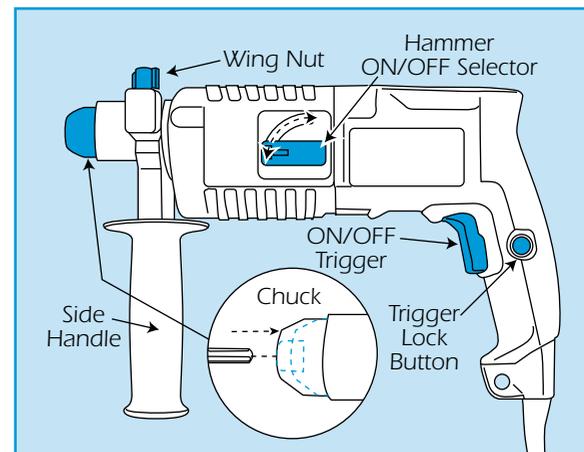
Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Keep the equipment dry, using electrical equipment in very damp or wet conditions can be dangerous.



To reduce the risk of electric shock, use a suitable RCD (Residual Current-Operated Device) available from your local HSS Hire Shop, or power 240V (Not 110V) equipment from a power circuit with a built-in RCD.

Ensure the equipment and power socket are switched OFF before plugging into the power supply.



GETTING STARTED

Some models will be supplied in a carrying case and you may find that the side handle will need to be fitted, simply slide the handle assembly over the drills body, then secure in place by twisting the handle clockwise.

NOTE The side handle MUST be fitted and used, if the bit jams during drilling the side handle will help restrain the machine. Without the handle fitted you risk breaking your wrist.

Fit the drill with right bit for the job.

If the depth stop is to be used, this may be set by releasing the wing nut holding it in place.

Drill Bits

TCT drills. General purpose masonry drill bits are available with SDS shank. Sizes: 4mm - 20mm

If drilling into masonry, set the drill to 'hammer'. The hammer action is turned on and off with a sliding switch.

A 3 jaw chuck adapter is available if you are drilling into timber, metal or plastic. When using these types of bits remember to turn the selector to drill only.

BASIC TECHNIQUES

Plug the machine into its power supply and switch the supply ON.

To start the drill, squeeze in the ON/OFF trigger, to stop simply release the trigger. For safety reasons you are advised not to use the trigger lock.