CLARKE INTERNATIONAL

Diamond Core Drill Bit Set

CLARKE core drills are vibrationless when used as directed.

Core drills are used to form holes in brick, concrete blocks, aerated blocks, asphalt, Cotswold stone and limestone.

A heavy duty drill with adjustable speed control and high torque must be used with diamond core drills.

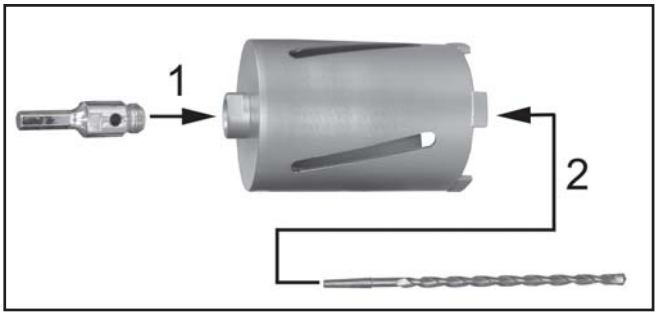
NEVER USE HAMMER ACTION WITH DIAMOND CORE DRILLS

A Pilot drill
B Drift
C Hexagonal shank arbor
D SDS shank arbor
E 28 x 300 mm core drill (max 11000 rpm)
F 52 x 150 mm core drill (max 6000 rpm)
G 107 x 150 mm core drill (max 3000 rpm)

Items F & G must be used with a hex shank arbor, and pilot drill.

1 Insert the hexagonal shank arbor or the SDS shank arbor into the required core drill and tighten using a suitable wrench.DO NOT OVERTIGHTEN.

2 Push the pilot drill into the arbor from the bottom of the core drill as shown on the right.



CLARKE GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

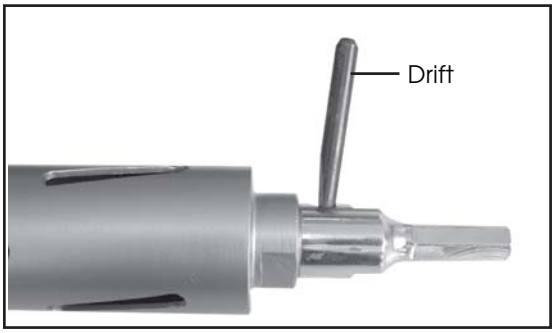
SAFETY PRECAUTIONS

For your own safety and that of others around you, please read and observe these safety instructions.

1. **ALWAYS** learn the applications, limitations and the specific potential hazards peculiar to the tool you are using. Read and become familiar with all operating instructions.
2. **ALWAYS** wear good quality industrial gloves.
3. **ALWAYS** wear safety goggles, manufactured to the latest European Safety Standards. Everyday eyeglasses do not have impact resistant lenses, they are not safety glasses.
4. **ALWAYS** wear a suitable dust mask.
5. **ALWAYS** disconnect the tool/machine from the power supply before servicing and when changing accessories.
6. **ALWAYS** check for damage. Before using the machine, any damaged part, should be checked to ensure that it will operate properly, and perform its intended function. Check for alignment of moving parts, breakage of parts, mountings, and any other condition that may affect the machines' operation. Any damage should be properly repaired or the part replaced. If in doubt, **DO NOT** use the machine. Consult your local dealer.
7. **ALWAYS** keep work area clean. Cluttered areas invite accidents.
8. **ALWAYS** ensure that adequate lighting is available. Ensure that lighting is placed so that you will not be working in your own shadow.
9. **ALWAYS** keep children away. All visitors should be kept a safe distance from the work area, especially whilst operating the machine.
10. **ALWAYS** maintain machine in top condition. Keep tools/machines clean for the best and safest performance. Follow maintenance instructions.
11. **ALWAYS** handle with extreme care. Do not carry the tool/machine by its' electric cable, or yank the cable to disconnect it from the power supply.
12. **ALWAYS** ensure the switch is off before plugging the drill into the mains. Avoid accidental starting.
13. **ALWAYS** concentrate on the job in hand, no matter how trivial it may seem. Be aware that accidents are caused by carelessness due to familiarity.
14. **ALWAYS** keep your proper footing and balance at all times. Don't overreach. For best footing, wear rubber soled footwear, keep floor clear of oil, scrap wood, etc.

Directions For Use

1. **ALWAYS** drill a 10 mm pilot hole before attempting to use the core drill.
2. Assemble the core drill onto the arbor, tighten using a wrench, DO NOT OVERTIGHTEN, (ensure threads etc are clean).
3. Push the pilot drill into the arbor, ensure it is held firmly and does not fall out.
4. Insert assembled drill into the drill chuck and tighten securely.
5. Set the drill to a reasonably slow speed, plug in and switch ON.
6. Slowly offer the pilot drill into pre-drilled hole until the core drill touches, using a steady pressure, push the drill into the surface, DO NOT FORCE the drill, allow the drill to do the work. It may be necessary to adjust the speed to suit the size of drill and the material being cut.
   AS A GENERAL GUIDE ONLY, the larger the core drill, the slower the speed required, also the harder the material being cut, the slower the speed.
7. To ensure the core drill doesn't bind, occasionally withdraw it from the hole whilst it is still turning to clear any waste, keep repeating this process until the hole is finished.
8. When finished turn the drill OFF and unplug from the main electric supply.
9. Remove the pilot drill by inserting the drift into the hole in the arbor and gently tap with hammer.
10. Unscrew the core drill from the arbor and store safely.
11. Remove arbor and store with pilot drill, drift and core drill for later use.



!!! CAUTION !!!

When using core drills, ensure a firm grip at all times on the machine to prevent the drill being snatched from your hands in the event of a jam. Jamming can be caused for various reasons, such as small pieces of brick etc breaking off and wedging the core drill in the hole.