SPECIFICATIONS

DIAMOND CORE DRILL SET - 12 PIECES	
ORDER CODE	**KBE-280-0300K**
CORE DRILL SIZES	42, 52, 65, 117 and 127mm dia. x 150mm
ACCESSORIES	Short and long series Hex. & SDS Arbors, 'A' taper Pilot drill, Drift key & Guide rod.
GROSS WEIGHT	862g

INDIVIDUAL CORE DRILL BITS					
ORDER CODES	**KBE-280-0310K**	**KBE-280-0312K**	**KBE-280-0314K**	**KBE-280-0316K**	**KBE-280-0318K**
CORE DRILL SIZES	42 x 150mm	52 x 150mm	65 x 150mm	117 x 150mm	127 x 150mm
GROSS WEIGHT	0.37kg	0.50kg	0.67kg	1.5kg	1.6kg

NOTE: Perfect results are easily achieved by using any rotary drill with a minimum drive power of 850 watts. The power tool should also be capable of speeds up to 1300rpm and have variable speed control and a slipping clutch.

THE ENVIRONMENT

Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner.

QUALITY GUARANTEE & WARRANTY

KOBE PRODUCTS are designed & produced to the highest standards & specifications.

KOBE PRODUCTS are fully guaranteed against faulty materials & workmanship.

Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted).

This does not affect your legal rights.

PLEASE RETAIN SUPPLIER INVOICE AS PROOF OF PURCHASE.

AVAILABLE FROM YOUR DISTRIBUTOR

KOBE TOOLS Official Agents:
JAPAN: MIKI TOOL TRADING CO. MIKI CITY, JAPAN.
EUROPE, MIDDLE EAST, AMERICA & AFRICA: THE KENNEDY GROUP LTD, WIGSTON, ENGLAND, LE18 2FS

Kobe Tools continually strives to improve its products. Specifications may change without prior notice.

Supplied by an ISO9001 approved company.

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KOBE™

Diamond Core Drill Set

ORDER CODE: KBE-280-0300K **12 piece set plus professional case**



- Set includes 5 of the most popular core drills, 42, 52, 65, 117 & 127mm, Short and long series Hex. & SDS Arbors, 'A' taper Pilot drill, Drift key & Guide rod.
- Designed for drilling into building materials, such as facing bricks, concrete blocks, breeze blocks, and insulation blocks.
- Ideal for plumbing, electrical, engineering installation and general building tasks.

WARNING: THE SAFETY INFORMATION GIVEN INSIDE MUST BE READ AND UNDERSTOOD BY ANY PERSON USING, INSTALLING, REPAIRING OR MAINTAINING THIS PRODUCT.

ALWAYS WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

OPERATORS MANUAL

Please retain this information for future reference.

You have purchased a quality set of Diamond Core Drills designed for high performance and if guidelines are followed will give good service and long life.

SAFETY INSTRUCTIONS

KOBE INDUSTRIAL TOOLS

have been specifically designed to help you work **SAFELY** and **EFFICIENTLY**. Your care and good judgement are the best protection against injury, but always ensure that the appropriate safety equipment is worn. All possible hazards cannot be covered on this operation manual due to the use of additional tool attachments, but the most important ones have been highlighted.

GENERAL OPERATING HAZARDS

- Comply with the safety instructions of the driving tool that is used.
- **ALWAYS** disconnect the power supply before changing attachments or when the equipment is not in use.
- **ALWAYS** keep children away from the work area.
- **ALWAYS** ensure all users are physically able and competent to handle the size, weight and power of the tool and have received appropriate training to perform the task.
- **ALWAYS** check before use and do not use if any parts are damaged.
- **NEVER** modify the core bits or accessories and only use for the task for which they have been designed.
- **NEVER** force or apply excessive pressure, let the tool do the work for you.

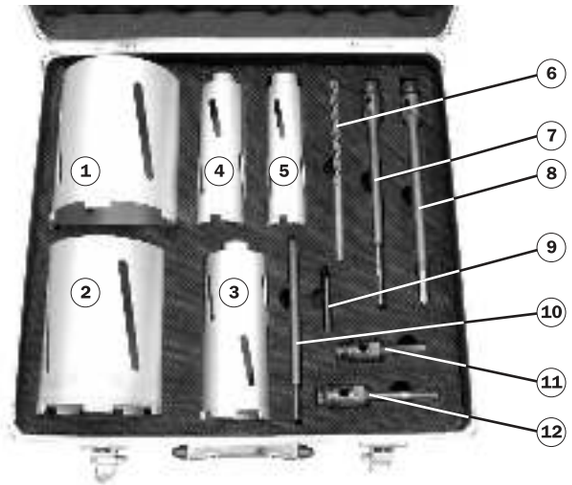
WORKPLACE HAZARDS

- **ALWAYS** comply with Health & Safety regulations.
- **ALWAYS** maintain a balanced body position and secure footing.
- **ALWAYS** ensure the work piece is clear of hazards.
- **NEVER** use the diamond core bits using hammer or impact drilling action.
- **NEVER** wear inappropriate, loose clothing or jewellry when using the tool as they could get caught in moving parts.

SET CONTENTS

1. Diamond Core Drill - 127 x 150mm.
2. Diamond Core Drill - 117 x 150mm.
3. Diamond Core Drill - 65 x 150mm.
4. Diamond Core Drill - 52 x 150mm.
5. Diamond Core Drill - 42 x 150mm.
6. 'A' Taper Pilot Drill - 10 x 200mm.
7. SDS long series arbor - 240mm.
8. Hex. series arbor - 240mm.
9. Guide Rod.
10. Drift Key.
11. Hex. short series arbor - 110mm.
12. SDS short series arbor - 85mm.
13. Case.





OPERATION GUIDE

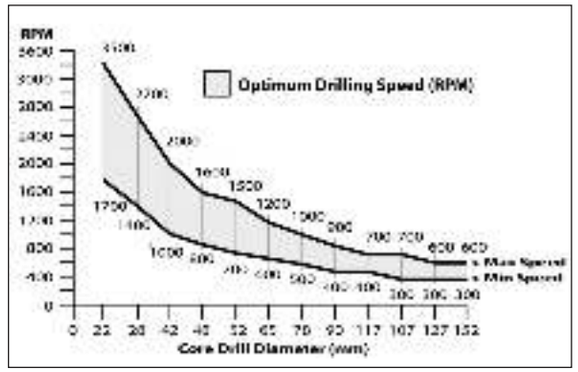
RECOMMENDED DRILL SPEED

(See chart)

- When drilling 'HARD MATERIAL' a slower drill speed is recommended.
- When drilling 'SOFT MATERIAL' a faster drill speed may be used.







CAUTION!

Only use the chart above as a guide, with each job speed may very depending on the material being drilled so ALWAYS start drilling at the minimum speed recommended and ONLY increase speed at your own risk.

USER GUIDE

- Protective equipment MUST be worn at all times when drilling.
- Use a drill (850W minimum), fitted with a clutch (for safety), variable speed if possible and rated to the appropriate RPM for the application.
- The harder the brick or larger the diameter core drill, the slower the speed (rpm) required. Faster rotational speed does not necessarily mean better penetration.
- Using an SDS machine for dry diamond coring increases the risk of product damage and exposure to HAV (Hand Arm Vibration). Protective gloves, hearing protection and dust mask are recommended.

1. First chose the right core drill for the job and the right type/length of arbor to suit the drill you are using (see above).
2. Mark the position of the hole to be drilled.
3. Place the pilot drill in the chosen arbor and drill through the wall from the outside-in (you may need to purchase a longer 'A' Taper masonry bit to go through thicker walls).
4. To remove the pilot drill from the arbor place the drift key in the hole in the arbor with the flat side facing the bottom of the pilot drill and tap with a hammer to eject the bit from the arbor.
5. After drilling the pilot hole, clean the threads on the arbor and place the guide rod into the arbor.
6. Attach the chosen core drill, turning it onto the thread of the arbor until it is hand tight (to remove or change the drill you will need a 28mm wrench/spanner).
7. Set the drill to the speed required to suit the chosen core drill (see 'Machine Speed' chart as a guide).
8. Insert the guide rod into the pilot hole and start the drill (always rotate the drill when entering and exiting the hole).
9. Drill in from both sides to create a clean hole, cleaning out dust/debris regularly to prevent clutch wear and overheating of the core bit resulting in possible loss of segments.

NOTES:

- Try to ensure a constant level of machine operation to ensure a straight cut through.
- DO NOT force your drill, let it do the work. This will prolong cutting edge life and reduce the risk of damage or breakage.
- If drill starts to vibrate reduce pressure.