

Cobra Series Dry Diamond Core Bits

DRILLING SPEED REQUIREMENTS:

Drilling speed is critical to the life of your Cobra Series Bits.
Minimum 1300 rpm Maximum 3000 rpm

Directions - Cobra series bits are engineered to be used dry, but can be used wet on the CDM1H hand held drill only. The CDM1H has the proper thread size and a center water feed to properly flush the hole.

When using without water, the work area must be totally dry so that the dust can effectively travel up the flutes on the barrel and be expelled from the hole. If the work area is even slightly damp, the dust becomes a paste and will not be expelled, leading to binding and overheating of the bit.

When using the Cobra wet, make sure there is enough water flowing through the center of the bit to effectively flush the hole. Always use approved grounding devices when using any electric tool.

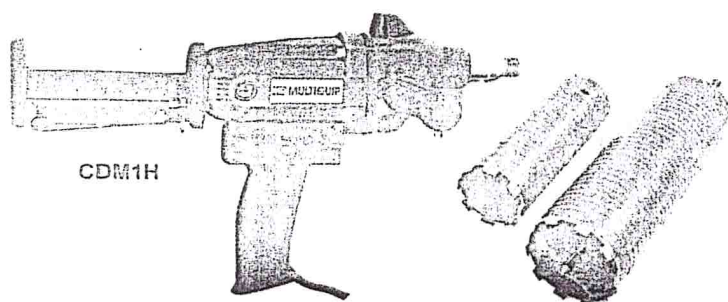
To start drilling, make sure the center pin is loaded to keep the bit from "walking". Start the drill slowly and gradually increase speed until you have reached a depth of 1/8" to 1/4". Remove the center pin, insert bit in to the existing groove and continue to drill. Hold the drill firmly but with little pressure, to avoid overloading the tool.

DO's:

- Start drill with light pressure on the center point. Once a depth of 1/4" has been reached, remove the center point by simply pulling out forward and continue drilling to necessary depth.
- Always wear approved safety glasses, hearing protection, and respirators. See package labels for further precautions.
- Use both hands when drilling! Although the Cobra spins freely, there is the possibility of jarring when making initial contact with steel reinforcement.
- Allow the bit to spin freely at full RPM's for maximum life. The key to longer life is high speed and low torque. If you force the bit, you will slow the drilling speed and wear the bit prematurely.
- Use all power tool safety devices including side handles.
- Use all necessary grounding devices, such as GFCI's.

Don't's:

- DO NOT USE PERCUSSION WITH THIS BIT ! If using a 1/2" chuck hammer drill, make sure percussion is off. Use of percussion will damage segments and void all warranties.
- Do not attempt to start the drill without the center point or segment loss may occur.
- Do not apply pressure when drilling.



Need Technical Help?

Contact the MQ diamond tool division for technical help on drilling with the Cobra series diamond bits.

Call 973-465-1669
8:00am - 5:00pm est

Applications: Concrete, reinforced concrete, brick, bluestone, and limestone