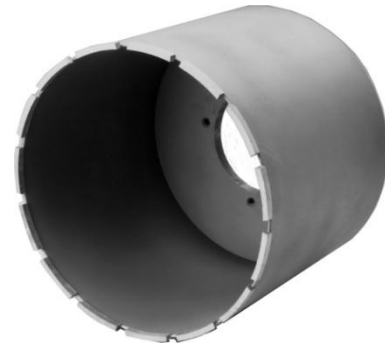


NPC – Diamond Tipped Core Drills

Operating Procedures



1. A Diamond Core Drill is a fine tool – the right kind of care will give you the most in drilling life and efficiency.
2. Check the water flow while the Core Drill is drilling. Use just enough water to make it cloudy, not clear.
3. Don't let the Core Drill skid at the point of contact. Advance the Core Drill slowly and maintain constant pressure to reduce skidding.
4. Run the core drill at a steady pace. Keep the RPM's and pressure constant.
5. If the Core Drill is bouncing or vibrating, ease up on the pressure until the vibration is at a minimum and continue drilling.
6. A Core Drill works best with steady pressure, but forcing it to the point of overloading the machine, causes greater wear and breakage of the diamonds.
7. Always rotate the Core Drill into and out of the hole and keep the water flowing.
8. Sharpen the Core Drill by drilling into green concrete or by using an abrasive carborundum brick. This exposes the diamonds and they'll cut like new. Proper drilling pressure keeps Core Drills sharp.
9. All Core Drills are shipped with a Performance Log to keep track of the cuts made. Return both the Core Drill and the Log and we can tell you how your Core Drill and coring machine are working.