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RECOMMENDED DRILLING SPEEDS FOR ELECTROPLATED CORE BITS

DIAMETER	MAXIMUM RPM	DIAMETER	MAXIMUM RPM
1/8"	2400	1"	695
3/16"	2100	1 1/8"	650
1/4"	1900	1 1/4"	625
5/16"	1300	1 3/8"	580
3/8"	1100	1 1/2"	550
7/16"	950	1 5/8"	525
1/2"	900	1 3/4"	525
9/16"	875	2"	500
5/8"	850	2 1/2"	460
11/16"	800	3"	430
3/4"	790	3 1/2"	400
7/8"	750	4"	360

With electroplated core drills, the diamonds you see are all the diamonds there are. They will drill glass or other hard materials. Softer materials will allow higher drilling speeds by 25%. Drilling hard materials require coolant and our Bit N Blade coolant can't be beat – it works 10 times better than using plain water.

When the drilling material is over 1/2" thick, remove the material before continuing to drill. Our water swivel used on a drill press assures you of longer life and fewer problems.

Our shafts are not smooth. We now have either a 3-sided or 6-sided shaft so you don't get slippage.

These RPM's are a guide. Hardness of material may require slower RPM's. Feed rate is very important. Our drills are top quality so if you have a problem, examine your drilling process.

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