

Recommended drilling speeds for diamond core bits.

* By using a drill speed as close as possible to those shown below the life and performance of the diamond core bit will be at its maximum.

| <u>Diameter</u> | <u>Minimum RPM</u> | <u>Maximum RPM</u> |
|-----------------|--------------------|--------------------|
| 3/8" | 2000 | 7630 |
| 1/2" | 1940 | 5450 |
| 5/8" | 1880 | 4770 |
| 3/4" | 1820 | 3810 |
| 7/8" | 1790 | 3470 |
| 1" | 1730 | 3050 |
| 1-1/8" | 1590 | 2540 |
| 1-1/4" | 1490 | 2380 |
| 1-1/2" | 1250 | 2000 |
| 1-3/4" | 1062 | 1699 |
| 1-7/8" | 1000 | 1600 |
| 2" | 920 | 1470 |
| 2-1/2" | 740 | 1220 |
| 3" | 612 | 980 |
| 4" | 470 | 750 |
| 5" | 376 | 602 |
| 6" | 310 | 500 |
| 7" | 270 | 430 |
| 8" | 240 | 380 |
| 10" | 190 | 300 |
| 12" | 160 | 250 |