

BLADE RPM CHART

| Diameter | Ideal RPM | Max RPM |
|----------|-----------|---------|
| 4" | 9072 | 15000 |
| 4.5" | 8063 | 13300 |
| 5" | 7257 | 12000 |
| 6" | 6048 | 10185 |
| 7" | 5184 | 8730 |
| 8" | 4536 | 7640 |
| 9" | 4032 | 6790 |
| 10" | 3629 | 6115 |
| 12" | 3024 | 5095 |
| 12" HS | | 6300 |
| 14" | 2592 | 4365 |
| 14" HS | | 5400 |
| 16" | 2268 | 3820 |
| 16" HS | | 4800 |
| 18" | 2016 | 3395 |
| 20" | 1814 | 3055 |
| 24" | 1512 | 2550 |
| 28" | 1296 | 2185 |
| 30" | 1210 | 2040 |
| 32" | 1134 | 1910 |
| 36" | 1008 | 1700 |
| 42" | 864 | 1455 |
| 48" | 756 | 1275 |

CORE BIT RPM CHART

| Diameter | Ideal RPM | Min RPM | Max RPM |
|----------|-----------|---------|---------|
| .500" | 6369 | 4777 | 7961 |
| .750" | 4246 | 3184 | 5307 |
| 1.000" | 3184 | 2388 | 3980 |
| 1.250" | 2547 | 1910 | 3184 |
| 1.500" | 2123 | 1592 | 2653 |
| 1.750" | 1819 | 1364 | 2274 |
| 2.000" | 1592 | 1194 | 1990 |
| 2.250" | 1415 | 1061 | 1769 |
| 2.500" | 1273 | 955 | 1592 |
| 2.750" | 1158 | 868 | 1447 |
| 3.000" | 1061 | 796 | 1326 |
| 3.250" | 979 | 734 | 1224 |
| 3.500" | 909 | 682 | 1137 |
| 3.750" | 849 | 636 | 1061 |
| 4.000" | 796 | 597 | 995 |
| 4.250" | 749 | 562 | 936 |
| 4.500" | 707 | 530 | 884 |
| 4.750" | 670 | 502 | 838 |
| 5.000" | 636 | 477 | 796 |
| 5.500" | 579 | 434 | 723 |
| 6.000" | 530 | 398 | 663 |
| 6.500" | 489 | 367 | 612 |
| 7.000" | 454 | 341 | 566 |
| 7.500" | 424 | 318 | 530 |
| 8.000" | 398 | 298 | 497 |
| 8.500" | 374 | 281 | 468 |
| 9.000" | 353 | 265 | 442 |
| 10.000" | 318 | 238 | 398 |
| 12.000" | 265 | 199 | 331 |
| 14.000" | 227 | 270 | 284 |
| 15.000" | 212 | 159 | 265 |
| 18.000" | 176 | 132 | 221 |
| 20.000" | 159 | 119 | 199 |
| 22.000" | 144 | 108 | 180 |
| 24.000" | 132 | 99 | 165 |