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RECOMMENDED DRILLING SPEEDS FOR STONE BITS

DIAMETER	MINIMUM RPM	MAXIMUM RPM
1/4"	2000	4400
3/8"	2000	4300
1/2"	1925	4200
5/8"	1850	3900
3/4"	1800	3800
7/8"	1750	3500
1"	1700	3025
1 1/8"	1550	2500
1 1/4"	1410	2400
1 3/8"	1375	2300
1 1/2"	1275	2200
1 3/4"	1175	2100
2"	1075	2000
3"	950	1900
4"	800	1750

The decrease in RPM for each size is very important. The operator must know how fast his equipment is running. If he is not running at the correct speed, the bit will not drill up to its potential. Running at excessive RPMs will destroy the diamonds, making the segment smooth and thereby making the bit stop grinding/cutting.

If you are having problems, please contact us – we'll try to help solve the problem.