

Woodsmith®		Bit Speed Chart		
Brad Point & Twist Bits	Softwoods RPM	Hardwoods RPM	Aluminum/Brass RPM	Mild Steel RPM
1/16" - 3/16"	2500	2200	1250	1700
1/4" - 3/8"	1900	1700	1000	1250
7/16" - 3/4"	1000	1000	700	800
Forstner & Spade Bits				
3/8" - 5/8"	2000	1600	X	X
1 1/16" - 1"	1200	1000	X	X
1 1/16" - 1 7/16"	800	600	X	X
2" - 3"	500	450	X	X
Hole Saws				
1/2" - 3/4"	500	500	650*	500*
1" - 1 3/4"	300	300	300*	250*
2" - 2 1/2"	200	200	200*	170*
3" - 4"	100	100	100*	100*
5"	75	75	75*	75*

* When cutting metal with a hole saw, use lubricating oil for smoother cutting and to help cool the saw.