



**Recommended Hole Saw Cutting Speeds (RPMs)  
for Various Materials and Diameters**

<u>Diameter Inches</u>	<u>Stainless Tool Steel</u>	<u>Cast Iron</u>	<u>Mild Steel</u>	<u>Brass</u>	<u>Aluminum</u>	<u>Wood</u>
9/16	300	400	580	790	900	900
5/8	275	365	550	730	825	790
11/16	250	330	500	665	750	750
3/4	230	300	460	600	690	670
13/16	210	280	425	560	635	610
7/8	195	260	390	520	585	580
15/16	185	245	370	495	555	530
1	175	235	350	470	525	510
1-1/16	160	215	325	435	480	470
1-1/8	150	200	300	400	450	440
1-3/16	145	190	285	380	425	405
1-1/4	140	180	275	360	410	400
1-5/16	135	175	260	345	390	385
1-3/8	125	165	250	330	375	365
1-7/16	120	160	240	315	360	345
1-1/2	115	150	230	300	345	335
1-9/16	110	145	220	290	330	320
1-5/8	105	140	210	280	315	310
1-11/16	100	135	205	270	305	300
1-3/4	95	130	195	260	295	290
1-13/16	95	125	190	250	285	275
1-7/8	90	120	180	240	270	265
2	85	115	170	230	255	250
2-1/16	80	110	165	220	245	245
2-1/8	80	105	160	210	240	235
2-1/4	75	100	150	200	225	225
2-5/16	75	100	145	195	225	215
2-3/8	70	95	140	190	220	210
2-1/2	65	90	135	180	205	200
2-9/16	65	85	130	175	200	200
2-5/8	65	85	130	170	195	190
2-3/4	60	80	125	160	185	180
2-7/8	60	80	125	160	180	175
3	55	75	115	150	170	170
3-1/8	55	70	110	140	165	160
3-1/4	50	70	105	140	155	155
3-3/8	50	65	100	130	150	150
3-1/2	45	65	95	130	145	145
3-5/8	45	60	95	120	140	140
3-3/4	45	60	90	120	135	135
3-7/8	45	60	90	120	135	130
4	40	55	85	110	130	125
4-1/8	40	55	80	110	120	120
4-1/4	40	55	80	110	120	120
4-3/8	40	50	80	100	120	115
4-1/2	35	50	75	100	105	110
4-3/4	35	50	75	95	95	105
5	30	45	65	90	90	100
5-1/2	25	40	60	85	85	90
6	25	35	55	75	75	85
6-5/16	25	20	55	70	60	80
6-1/2	25	19	55	66	57	75
6-5/8	25	19	55	66	57	75
7	25	18	45	53	50	60
7-7/8	25	16	45	53	50	60
8-1/4	25	15	45	53	45	60

ALWAYS WEAR SAFETY ITEMS TO AVOID RISK OF INJURY

[www.icscuttingtools.com](http://www.icscuttingtools.com) • (920) 837-2526 • [info@icscuttingtools.com](mailto:info@icscuttingtools.com)