

**RECOMMENDED OPERATING SPEEDS
FOR BI-METAL HOLE SAWS**

Starrett®

SAW SOLUTIONS

Size in	Size mm	Length Feet	Mild Steel RPM	Tool Steel & Stainless RPM	Cast Iron RPM	Brass RPM	Alum. RPM	Wood RPM
9/16	14	0.147	580	300	400	790	900	800
5/8	16	0.164	550	275	365	730	825	760
11/16	17	0.180	500	250	330	665	750	720
3/4	19	0.196	460	230	300	600	690	680
25/32	22	0.205	445	220	290	580	660	640
13/16	21	0.213	425	210	280	560	630	600
7/8	22	0.229	390	195	260	520	585	560
15/16	24	0.245	370	185	245	494	555	520
1	25	0.262	350	175	235	470	525	500
1-1/16	27	0.278	325	160	215	435	480	500
1-1/8	29	0.295	300	150	200	400	450	450
1-3/16	30	0.311	285	145	190	380	425	430
1-1/4	32	0.327	275	140	180	360	410	410
1-5/16	33	0.344	260	135	175	345	390	390
1-3/8	35	0.360	250	125	165	330	375	370
1-7/16	37	0.376	240	120	160	315	360	350
1-1/2	38	0.393	230	115	150	300	345	330
1-9/16	40	0.409	220	110	145	290	330	310
1-5/8	41	0.425	210	105	140	280	315	290
1-11/16	43	0.442	205	100	135	270	305	270
1-3/4	44	0.458	195	95	130	260	295	250
1-13/16	46	0.475	190	95	125	250	285	230
1-7/8	48	0.491	180	90	120	240	270	210
2	51	0.524	170	85	115	230	255	200
2-1/16	52	0.540	165	80	110	220	245	200
2-1/8	54	0.556	160	80	105	210	240	190

2-1/4" to 8-9/32" on reverse



The L.S. Starrett Company
starrett.com

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2-1/4	57	0.589	150	75	100	200	225	185
2-5/16	59	0.605	145	75	100	195	225	185
2-3/8	60	0.622	140	70	95	190	220	180
2-1/2	64	0.655	135	65	90	180	205	180
2-9/16	65	0.671	130	65	85	175	200	175
2-5/8	67	0.687	130	65	85	170	195	170
2-11/16	68	0.704	130	65	85	165	190	165
2-3/4	70	0.720	125	60	80	160	185	160
2-7/8	73	0.753	120	60	80	160	180	155
3	76	0.785	115	55	75	150	170	150
3-1/8	79	0.818	110	55	70	140	165	150
3-1/4	83	0.851	105	50	70	140	155	140
3-3/8	86	0.884	100	50	65	130	150	135
3-1/2	89	0.916	95	45	65	130	145	130
3-5/8	92	0.949	95	45	60	120	140	125
3-3/4	95	0.982	90	45	60	120	135	120
3-7/8	98	1.014	90	45	60	120	135	115
4	102	1.047	85	40	55	110	130	100
4-1/8	105	1.080	80	40	55	110	120	100
4-1/4	108	1.113	80	40	55	110	120	95
4-3/8	111	1.145	80	40	50	100	120	90
4-1/2	114	1.178	75	35	50	100	105	90
4-3/4	121	1.244	75	35	45	90	95	85
5	127	1.309	65	30	40	85	90	85
5-1/4	133	1.374	65	30	40	85	90	80
5-1/2	140	1.440	60	30	35	80	85	80
5-3/4	146	1.505	55	25	35	75	85	75
6	152	1.571	55	25	35	75	85	75
6-5/16	160	1.653	55	25	35	75	80	70
6-5/8	168	1.734	50	25	35	70	75	65
6-31/32	177	1.824	45	20	30	65	70	60
7	178	1.833	45	20	30	65	70	60
8-1/4	209	2.160	40	20	25	60	65	55
8-9/32	210	2.168	40	20	25	60	65	55

9/16" to 2-1/8" on reverse