

**CUTTING RATE CHART  
FOR HIGH SPEED METAL BANDSAWS**

Bar Dia.	Approx. Area (Sq In)	SQUARE INCHES PER MINUTE (RATE)													
		2	3	4	5	6	7	8	9	10	11	12	13	14	15
		MINUTES AND SECONDS - APPROXIMATE TIME PER CUT													
1"	.79	:25	:15	:12	:10	:08	:07	:06	:05	:05					
1-5/8"	.99	:30	:20	:15	:12	:10	:08	:07	:06	:06	:05				
1-5/8"	1.22	:37	:25	:18	:15	:12	:10	:10	:08	:07	:07	:06	:06	:05	
1-3/8"	1.49	:45	:30	:22	:18	:15	:13	:11	:10	:09	:08	:07	:07	:06	:06
1-1/2"	1.76	:53	:35	:26	:21	:18	:15	:13	:12	:11	:10	:09	:08	:08	:07
1-5/8"	2.07	1:00	:45	:30	:24	:20	:17	:15	:13	:12	:11	:10	:09	:09	:08
1-3/4"	2.40	1:12	:50	:34	:27	:22	:19	:17	:14	:13	:13	:11	:11	:10	:09
1-7/8"	2.76	1:23	:55	:41	:33	:28	:24	:21	:18	:17	:15	:14	:13	:12	:11
2"	3.14	1:34	1:00	:47	:38	:30	:27	:24	:21	:19	:17	:16	:14	:13	:13
2-1/8"	3.55	1:45	1:10	:53	:45	:35	:30	:26	:23	:21	:19	:17	:16	:15	:14
2-1/4"	3.97	2:00	1:20	:60	:48	:45	:34	:30	:26	:25	:22	:20	:18	:17	:16
2-3/8"	4.43	2:15	1:30	1:08	:54	:48	:39	:34	:30	:27	:25	:23	:21	:19	:18
2-1/2"	4.90	2:30	1:40	1:15	:60	:51	:43	:38	:33	:30	:27	:25	:23	:21	:20
2-5/8"	5.41	2:45	1:50	1:22	1:06	:56	:47	:42	:36	:33	:30	:27	:25	:23	:22
2-3/4"	5.93	3:00	2:00	1:30	1:12	:60	:51	:45	:40	:36	:33	:30	:28	:26	:24
2-7/8"	6.49	3:15	2:10	1:37	1:18	1:05	:55	:49	:43	:39	:35	:33	:30	:28	:26
3"	7.06	3:30	2:20	1:45	1:24	1:10	:60	:53	:46	:42	:38	:35	:32	:30	:28
3-1/8"	7.76	3:50	2:33	1:55	1:32	1:17	1:08	:58	:51	:46	:42	:38	:35	:33	:31
3-1/4"	8.25	4:08	2:45	2:04	1:39	1:23	1:11	1:02	:55	:50	:45	:41	:38	:35	:33
3-3/8"	8.95	4:30	3:00	2:16	1:52	1:30	1:20	1:08	:60	:54	:49	:46	:42	:38	:36
3-1/2"	9.62	4:45	3:10	2:23	1:57	1:35	1:24	1:12	1:03	:57	:52	:48	:43	:41	:38
3-5/8"	10.32	5:10	3:26	2:35	2:04	1:43	1:28	1:17	1:09	1:02	:56	:52	:48	:44	:41
3-3/4"	11.04	5:30	3:40	2:45	2:06	1:50	1:36	1:24	1:12	1:06	:60	:54	:50	:47	:44
3-7/8"	11.79	5:54	3:54	2:57	2:21	1:58	1:41	1:28	1:19	1:11	1:04	:60	:54	:50	:47
4"	12.56	6:15	4:10	3:08	2:31	2:05	1:49	1:33	1:24	1:15	1:09	1:03	:57	:54	:50
4-1/8"	13.36	6:41	4:27	3:20	2:40	2:14	1:54	1:40	1:30	1:20	1:13	1:08	1:02	:57	:53
4-1/4"	14.18	7:00	4:40	3:28	2:50	2:20	2:00	1:42	1:36	1:24	1:18	1:12	1:03	1:02	:56
4-3/8"	15.03	7:30	5:00	3:36	3:00	2:30	2:06	1:48	1:42	1:30	1:24	1:16	1:07	1:06	:60
4-1/2"	15.90	8:00	5:20	4:00	3:12	2:40	2:17	2:00	1:47	1:36	1:27	1:20	1:14	1:09	1:04
4-5/8"	16.80	8:30	5:40	4:15	3:24	2:50	2:26	2:08	1:53	1:42	1:33	1:25	1:18	1:13	1:08
4-3/4"	17.72	8:45	5:50	4:23	3:30	2:55	2:30	2:12	1:57	1:45	1:35	1:27	1:20	1:15	1:10
4-7/8"	18.67	9:15	6:10	4:38	3:42	3:05	2:39	2:20	2:03	1:51	1:41	1:32	1:24	1:19	1:14
5"	19.63	9:45	6:30	4:53	3:54	3:15	2:47	2:28	2:10	1:57	1:46	1:38	1:28	1:24	1:18
5-1/8"	20.63	10:15	6:50	5:08	4:06	3:25	2:56	2:36	2:17	2:03	1:52	1:42	1:32	1:28	1:22
5-1/4"	21.64	10:50	7:13	5:25	4:20	3:36	3:05	2:42	2:24	2:09	1:57	1:47	1:36	1:32	1:26
5-3/8"	22.69	11:21	7:34	5:40	4:30	3:47	3:13	2:49	2:30	2:16	2:03	1:53	1:44	1:36	1:30
5-1/2"	23.75	11:50	7:55	5:55	4:45	3:59	3:24	2:58	2:37	2:21	2:10	1:59	1:50	1:42	1:35
5-5/8"	24.85	12:30	8:20	6:15	5:00	4:10	3:34	3:08	2:46	2:29	2:16	2:04	1:55	1:47	1:40
5-3/4"	25.96	13:00	8:40	6:30	5:12	4:20	3:42	3:16	2:52	2:36	2:23	2:10	2:00	1:51	1:44
5-7/8"	27.11	13:30	9:00	6:45	5:24	4:30	3:50	3:24	3:00	2:43	2:29	2:16	2:04	1:55	1:48

**CUTTING RATE CHART  
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Bar Dia.	Approx. Area (Sq In)	SQUARE INCHES PER MINUTE (RATE)													
		2	3	4	5	6	7	8	9	10	11	12	13	14	15
		MINUTES AND SECONDS - APPROXIMATE TIME PER CUT													
6"	28.27	14:00	9:20	7:00	5:36	4:40	4:02	3:32	3:08	2:50	2:35	2:21	2:09	2:00	1:52
6-1/8"	29.47	14:45	9:50	7:22	5:54	4:55	4:12	3:44	3:17	2:57	2:41	2:27	2:16	2:06	1:58
6-1/4"	30.70	15:15	10:10	7:37	6:06	5:05	4:20	3:52	3:24	3:04	2:47	2:30	2:21	2:10	2:02
6-3/8"	31.92	16:10	10:40	8:00	6:24	5:20	4:32	4:00	3:34	3:12	2:57	2:37	2:28	2:16	2:08
6-1/2"	33.18	16:30	11:00	8:14	6:36	5:30	4:40	4:08	3:41	3:18	3:00	2:41	2:33	2:20	2:12
6-5/8"	34.47	17:15	11:30	8:36	6:54	5:54	4:52	4:20	3:50	3:27	3:08	2:50	2:39	2:26	2:18
6-3/4"	35.80	18:00	12:00	9:00	7:12	6:00	5:04	4:32	4:00	3:36	3:16	3:00	2:45	2:32	2:24
6-7/8"	37.12	18:30	12:20	9:14	7:24	6:10	5:12	4:40	4:07	3:42	3:22	3:05	2:49	2:37	2:28
7"	38.48	19:15	12:50	9:38	7:42	6:25	5:30	4:49	4:17	3:51	3:30	3:12	2:58	2:45	2:34
7-1/8"	39.87	20:00	13:20	10:00	8:00	6:40	5:43	5:00	4:26	4:00	3:38	3:20	3:05	2:51	2:40
7-1/4"	41.30	20:30	13:40	10:15	8:12	6:50	5:51	5:07	4:32	4:06	3:42	3:25	3:09	2:56	2:44
7-3/8"	42.72	21:15	14:10	10:41	8:30	7:05	6:04	5:19	4:41	4:15	3:51	3:33	3:15	3:02	2:50
7-1/2"	44.17	22:00	14:40	11:00	8:48	7:20	6:16	5:30	4:52	4:24	4:00	3:41	3:21	3:09	2:56
7-5/8"	45.66	22:50	15:13	11:25	9:10	7:37	6:30	5:43	5:05	4:35	4:10	3:50	3:30	3:16	3:03
7-3/4"	47.20	23:36	15:44	11:45	9:25	7:52	6:40	5:52	5:15	4:43	4:17	3:58	3:35	3:23	3:10
7-7/8"	48.71	24:21	16:14	12:10	9:45	8:07	6:55	6:05	5:25	4:47	4:25	4:03	3:41	3:30	3:15
8"	50.26	25:08	16:45	12:34	10:04	8:23	7:10	6:20	5:40	5:00	4:35	4:10	3:50	3:35	3:20
8-1/8"	51.85	25:56	17:17	12:58	10:22	8:40	7:25	6:30	5:50	5:11	4:40	4:20	4:00	3:41	3:27
8-1/4"	53.50	26:45	17:50	13:22	10:42	8:55	7:38	6:42	5:58	5:21	4:52	4:30	4:07	3:50	3:34
8-3/8"	55.09	27:33	18:22	13:46	11:00	9:10	7:52	6:54	6:08	5:30	5:00	4:35	4:15	3:57	3:40
8-1/2"	56.74	28:22	18:55	14:10	11:20	9:25	8:05	7:05	6:18	5:40	5:10	4:45	4:20	4:05	3:50
8-5/8"	58.43	29:13	19:29	14:35	11:40	9:45	8:20	7:16	6:26	5:50	5:20	4:50	4:26	4:10	3:51
8-3/4"	60.00	30:00	20:00	15:00	12:00	10:00	8:35	7:30	6:40	6:00	5:30	5:00	4:35	4:17	4:00
8-7/8"	61.86	29:56	20:37	15:28	12:23	10:20	8:46	7:37	6:50	6:12	5:40	5:10	4:43	4:25	4:08
9"	63.61	31:48	21:12	15:55	12:43	10:35	9:05	7:53	7:05	6:20	5:50	5:20	4:50	4:33	4:15
10"	78.53	39:16	26:11	19:38	15:42	13:05	11:14	9:50	8:43	7:50	7:10	6:33	6:05	5:37	5:15