



U.S.

V	R_m	B_m	(in) (U.S.G.)																		
			.036	.048	.06	.075	.105	.12	.135	.15	.188	.25	.312	.375	.437	.5	.625	.75	.875	1	
in.	in.	in.	20	18	16	14	12	11	10	9	7	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	
1/4	.039	.163	2.9	5.9																	
5/16	.049	.203	2.2	4.3	7.4																
3/8	.059	.244	1.7	3.4	5.7	9.8															
1/2	.078	.325	1.2	2.3	3.8	6.5	14.7														
5/8	.098	.406	0.9	1.7	2.9	4.8	10.7	14.7													
3/4	.117	.488		1.4	2.2	3.8	8.3	11.4	15.1												
7/8	.137	.569			1.9	3.1	6.7	9.2	12.2	15.6											
1	.156	.650				2.6	5.7	7.7	10.1	13.0											
1 1/8	.176	.732				2.2	4.9	6.6	8.6	11.0	18.9										
1 1/4	.195	.813					4.2	5.7	7.5	9.6	16.3	32.4									
1 1/2	.234	.975					3.4	4.6	6.0	7.6	12.8	25.8	42.8								
2	.313	1.30						3.2	4.1	5.3	8.8	16.9	28.5	44.3							
2 1/2	.391	1.63								4.0	6.7	12.6	21.0	32.4	46.7						
3	.469	1.95									5.3	10.0	16.6	25.4	36.3	50.0					
3 1/2	.547	2.28										8.3	13.6	28.7	29.5	40.4					
4	.625	2.60										7.0	11.5	17.1	24.7	33.8	57.1				
4 1/2	.703	2.93											10.0	15.0	21.2	28.9	48.6	75.0			
5	.781	3.25												13.2	18.6	25.2	42.2	64.8	93.7		
5 1/2	.859	3.58													16.5	22.3	37.2	56.9	82.0		
6	.938	3.90													14.8	20.0	33.2	50.7	72.7	100	
6 1/2	1.02	4.23														18.1	30.0	45.5	65.2	89.5	
7	1.09	4.55														16.5	27.3	41.3	59.1	80.9	
7 1/2	1.17	4.88														15.2	25.0	37.8	53.9	73.6	
8	1.25	5.20															23.0	34.8	49.5	67.5	
8 1/2	1.33	5.53															21.4	32.2	45.8	62.3	
9	1.41	5.85																30.0	42.5	57.8	

T.S. = 60,000 psi

U.S. Ton/ft

