

# Bor8 Rod Size and Spacing Chart

Nominal Wood Size	Rod Size	Hole Size (dia x depth)	Space between Holes	Rods per Hole
1 x 1	1/4 x 1/2	1/4 x 3/4	3	1
1 x 2	1/4 x 1/2	1/4 x 1 1/2	6	2
2x4 Side*	1/4 x 1/2	1/4 x 1	4	1
2x4 Edge	1/3 x 1	3/8 x 3	6	1
2x6 Side*	1/4 x 1/2	1/4 x 1	4	1
2 x 6 Edge	1/3 x 2 5/8	3/8 x 3	8	
2x8 Side*	1/4 x 1/2	1/4 x 1	6	1
2x8 Edge	1/3 x 2 5/8	3/8 x 6	6	2
2x10 Side*	1/4 x 1/2	1/4 x 1	6	1
2x10 Edge	1/3 x 2 5/8	3/8 x 9	12	3
2x12*	1/4 x 1/2	9/16 x 4	6	1
2x12	1/3 x 2 5/8	9/16 x 4	9	4
4x4	1/2 x 2	9/16 x 2	9	1
4x6 Side*	1/2 x 2	9/16 x 3	9	1
4x6 Edge	1/2 x 4	9/16 x 5	12	1
4x8 Side*	1/2 x 2	9/16 x 3	9	1
4x8 Edge	1/2 x 4	9/16 x 6	8	1
4 x 10 Side*	1/2 x 2	9/16 x 3	9	1
4 x 10 Edge	1/2 x 4	9/16 x 7	11	1
4x12 Side*	1/2 x 2	9/16 x 3	9	1
4x12 Edge	1/2 x 4	9/16 x 8	9	1
6 x 6*	1/2 x 4	9/16 x 10	12	1
6 x 6	3/4 x 3 (NR)	13/16 x 11	19	1
8 x 8*	1/2 x 4	9/16 x 13	6	1
8 x 8*	3/4 x 3	13/16 x 14	10	1
8 x 10 Side*	1/2 x 4	9/16 x 6	6	1
8 x 10 Edge*	1/2 x 4	9/16 x 9	10	2
8 x 10 Side*	3/4 x 3	13/16 x 6	8	1
8 x 10 Edge*	3/4 x 3 (NR)	13/16 x 10	16	2
10 x 10	1/2 x 4	9/16 x 9	8	2
10 x 10	3/4 x 3	13/16 x 9	12	2
<b>Glued Laminated Beams</b>				
4x18	1/2 x 4	9/16 x 18	12	2
5 1/8 x 24	1/2 x 4	9/16 x 22	14	5
5 x 20	1/2 x 4	9/16 x 19	11	3
6 3/4 x 12	1/2 x 4	9/16 x 12	8	2
6 3/4 x 12	3/4 x 3	13/16 x 12	13	3
6 3/4 x 12	3/4 x 3	13/16 x 12	21	3
6x18	1/2 x 4	9/16 x 18	11	3
6x24	1/2 x 4	9/16 x 24	11	4
7x12	1/2 x 4	9/16 x 12	12	3
<b>7 x 9</b>	1/2 x 4	9/16 x 5.5	16	1
<b>7 x 8</b>	1/2 x 4	9/16 x 5.5	17	1
<b>7 x 9</b>	3/4 x 3	13/16 x 6	24	1
<b>7 x 8</b>	3/4 x 3	13/16 x 6	27	1
8 x 8	1/2 x 4	9/16 x 18	12	2
<b>Logs &amp; Poles</b>				
Diameter				
2	1/3 x 1	3/8 x 1 1/2	6	1
3	1/2 x 2	9/16 x 2 1/2	6	1
4	1/2 x 2	9/16 x 3	12	1
5	1/2 x 2	9/16 x 4	9	1
6	1/2 x 4	9/16 x 5	12	1
6	3/4 x 3 (NR)	13/16 x 4 1/2	20	1
8	1/2 x 4	9/16 x 6	7	1
8	3/4 x 3	13/16 x 6	12	1
10	1/2 x 4	9/16 x 9 1/2	15	2
10	3/4 x 3	13/16 x 8	7	1
12	1/2 x 4	13/16 x 8	7	2
12	3/4 x 3	13/16 x 8	10	2
14	1/2 x 4	13/16 x 11	7	3
14	3/4 x 3	13/16 x 11	11	3
16	1/2 x 4	9/16 x 14	5	3
16	3/4 x 3	13/16 x 14	12	4
18	1/2 x 4	9/16 x 17	6	4
18	3/4 x 3	13/16 x 17	9	4
20	1/2 x 4	9/16 x 18	6	4
20	3/4 x 3	13/16 x 18	9	5