

Shaker Oval Box Specifications

Box Size	Tack Size Note 1 & 2	Band Thickness Range	Bottom Band		Top Band		Ellipse		Circumference Note 3	Top & Bottom Thickness Note 4	# of Fingers & Length to Tack line Note 5	Box Size
			Width	Length	Width	Length	Width	Length				
000	3/4	.050 - .060"	9/16"	x 6 5/8"	5/16"	x 7 1/4"	1"	x 2"	Use tight wrap around core for circumference mark on smaller boxes. This is difficult with larger boxes.	.150"	2 - 13/16"	000
00	3/4	.050 - .060"	13/16"	x 8 3/4"	3/8"	x 9 1/2"	1 3/8"	x 2 5/8"		.150 - .160"	2 - 1"	00
0	1	.058 - .065"	1 1/16"	x 11 3/4"	7/16"	x 12 1/4"	1 7/8"	x 3 1/2"		.195 - .210"	2 - 1 3/8"	0
1	1	.060 - .068"	1 1/2"	x 14 7/8"	1/2"	x 15 3/8"	2 9/16"	x 4 9/16"		.210 - .220"	2 - 1 9/16"	1
2	1 1/2	.065 - .072"	2"	x 19"	5/8"	x 19 3/4"	3 1/2"	x 5 3/4"		.235 - .250"	2 - 1 13/16"	2
3	1 1/2	.068 - .078"	2 1/2"	x 23"	11/16"	x 24"	4 1/2"	x 7"		1/4"	2 or 3 - 2 1/16"	3
4	2	.072 - .082"	3 1/16"	x 27"	3/4"	x 28"	5 1/2"	x 8 1/4"		1/4"	3 - 2 1/4"	4
5	2	.078 - .088"	3 11/16"	x 31"	15/16"	x 32"	6 1/2"	x 9 1/2"	1/4" to 5/16"	3 - 2 7/16"	5	
6	2 or 2 1/4	.080 - .095"	4 3/8"	x 36"	1 1/16"	x 37"	7 5/8"	x 11"	30 1/8"	1/4" to 5/16"	4 - 2 5/8"	6
7	2 1/4	.095 - .115"	5 1/16"	x 40 1/2"	1 1/8"	x 42"	8 3/4"	x 12 1/2"	34 1/4"	1/4" to 5/16"	4 - 2 13/16"	7
8	2 1/4 or 2 1/2	.100 - .125"	5 3/4"	x 45"	1 3/16"	x 46 1/2"	9 7/8"	x 14 1/4"	38 7/8"	1/4" to 5/16"	4 - 3"	8
9	2 1/4 or 2 1/2	.100 - .125"	6 7/16"	x 51"	1 1/4"	x 52 1/2"	11 1/8"	x 16"	43 5/8"	1/4" to 5/16"	5 - 3 3/16"	9
10	2 1/4 or 2 1/2	.100 - .140"	7 1/8"	x 56"	1 5/16"	x 57 1/2"	12 3/8"	x 17 3/4"	48 3/8"	1/4" to 5/16"	5 - 3 3/8"	10
11	2 1/4 or 2 1/2	.100 - .140"	7 13/16"	x 61"	1 3/8"	x 62 1/2"	13 5/8"	x 19 3/4"	53 3/4"	1/4" to 5/16"	5 - 3 9/16"	11
12	2 1/4 or 2 1/2	.100 - .140"	8 1/2"	x 67"	1 7/16"	x 68 1/2"	14 15/16"	x 21 3/4"	59 1/8"	1/4" to 5/16"	6 - 3 3/4"	12
13	2 1/2 or 3	.125 - .150"	9 3/16"	x 72"	1 1/2"	x 73 1/2"	16 1/4"	x 23 3/4"	64 1/4"	1/4" to 5/16"	6 - 3 15/16"	13
14	2 1/2 or 3	.125 - .150"	9 7/8"	x 78"	1 9/16"	x 79 1/2"	17 5/8"	x 25 7/8"	70 1/4"	1/4" to 5/16"	6 - 4 1/8"	14
15	2 1/2 or 3	.125 - .150"	10 9/16"	x 84"	1 5/8"	x 85 1/2"	19"	x 28 1/8"	76"	1/4" to 5/16"	6 - 4 5/16"	15
16	2 1/2 or 3	.125 - .150"	11 1/4"	x 90"	1 11/16"	x 91 1/2"	20 3/8"	x 30 3/8"	81 1/2"	1/4" to 5/16"	6 - 4 1/2"	16
17	3	.135 - .160"	12"	x 96"	1 13/16"	x 97 1/2"	21 3/4"	x 32 7/8"	87"	1/4" to 5/16"	7 - 4 11/16"	17
18	3	.135 - .160"	12 3/4"	x 102"	1 7/8"	x 103 1/2"	23 1/8"	x 34 1/2"	92"	1/4" to 5/16"	7 - 4 7/8"	18
19	3	.135 - .160"	13 1/2"	x 108"	1 15/16"	x 109 1/2"	24 1/2"	x 36 7/8"	97 1/4"	1/4" to 5/16"	7 - 5 1/16"	19
20	3	.135 - .160"	14 1/4"	x 114"	2"	x 115 1/2"	25 7/8"	x 38 1/2"	102 3/4"	1/4" to 5/16"	7 - 5 1/4"	20

Notes:

- 1 - Leave 1/16" exposed end of tack inside lap to clinch. The #1 tack = 3/16" long, #11/2 = 7/32" long, #2 = 1/4" long, #21/4 = 9/32" long, #21/2 = 5/16" long, #3 = 11/32" long
- 2 - Use 3/64" pilot hole for #3/4 copper tacks, 3/64" or 1/16" pilot hole for #1, 11/2, & 2, 1/16" pilot hole for #21/4, and 5/64" pilot hole for #21/2 and #3 copper tacks.
- 3 - Actual band length minus lap. Mark this length on band before soaking as an aid in accurate sizing of oval.
- 4 - Peg pilot hole size: #000 & 00, glue (no pegs). For all other sizes, use 5/64" hole.
- 5 - Distance from the front centerline of the core to the start of the band wrap is equal to the "length to the tack line".

John Wilson & Eric Pintar LLC 2010 ©
 406 E. Broadway Hwy.
 Charlotte, MI 48813
 (517) 543-5325 (9am-5pm eastern M-F)
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