

THE HOME SHOP

SUPPLIERS OF SHAKER OVAL BOX MATERIALS, TOOLS, & INSTRUCTION



SHAKEROVALBOX.COM

PHONE 8:30 AM - 4 PM EST. M-F
877-612-6435 OR 517-543-5325

2015 CATALOG OF SHAKER BOX SUPPLIES

For the past thirty years John Wilson has been showing people how to make Shaker oval boxes. Classes are held here and around the country that give hands-on experience in this traditional craft. The wood, hardware, tools, instructional materials needed for box making are found at The Home Shop.

Materials are available for a wide range of sizes and styles of boxes, carriers and trays. The copper tacks used in oval boxes are made using tack machines that date back to the middle of the nineteenth century and were acquired from the W.W. Cross Nail Co. when they ceased production in 1991. Currently there are nine sizes of tacks available plus the ½" copper shoe peg used for securing top and bottom boards when copper is preferred in place of wood pegs.



Box Basics Class with John Wilson

One way to learn box-making is to join a class like those shown with John in the photo. These students made the basic set of five boxes (#0-4) plus some additional styles like the larger #5, the narrow presentation box, and the swing handle #4.

We provide instructional materials for you to learn at home. A good way to start is to order our special offer DVD with the class booklet all students receive, plus our pattern packet of plans and instructions for the full range of sizes and styles that we offer. However you begin, know that you can call us with questions and receive helpful advice.



Home Shop and Staff in Charlotte, Michigan

The Home Shop is located at 406 East Broadway Hwy., Charlotte, MI, one-half hour south of Lansing on I-69. Standing in front of our production facility (l to r) are John and Sally Wilson, Dustin Hall (now graduated and a Fire Fighter), Eric Pintar, and John Kellogg. Most weekdays we are in the shop from 8:30 to 5 p.m. to take your order. You may call us at 517-543-5325, or use our toll free number 877-612-6435 (8:30 – 5 EST M – F).

The shopping cart on our website gives you the convenience of placing your order online. Whether you call us, or order online, we bill with open invoice that allows you to receive your order by U.S. Mail or UPS, and then pay by check or money order after opening the package. You can order with the confidence that comes from our pay-after-viewing way of doing business.

John and daughter Molly stand beside a stack of oval boxes #000 to #12. These are listed below in the different kinds of wood available: cherry and maple for bands; cherry, maple (both bird's eye and plain), quarter sawn sycamore called lacewood, and classic quarter sawn old growth eastern white pine. Boards for cutting oval tops and bottoms are solid wood in small sizes, and veneered onto stable core stock for larger sizes where solid wood would surely cause problems when expanding and contracting with seasonal moisture fluctuations.



Molly and John Demonstrate Boxes

SHAKER OVAL BOX BANDS and TOPS & BOTTOMS

	BAND PRICES		TOP & BOTTOM PRICES			
BOX SIZE	<i>cherry or maple</i> per box set	<i>cherry or pine</i> in <u><i>pairs</i></u>	<i>lacewood</i> in <u><i>pairs</i></u>	<i>birdseye maple top</i> and plain bottom	<i>birdseye top</i> (<u><i>each</i></u>)	
#000.....	\$1.75.....	solid \$1.75.....	solid \$2.25.....	solid \$2.25.....	\$1.35	
#00.....	\$1.75.....	solid \$1.75.....	solid \$2.25.....	solid \$2.25.....	\$1.35	
#0.....	\$2.25.....	solid \$2.25.....	solid \$2.75.....	solid \$2.75.....	\$1.60	
#1.....	\$2.75.....	solid \$2.75.....	solid \$3.25.....	solid \$3.50.....	\$2.10	
#2.....	\$3.75.....	solid \$3.75.....	solid \$4.25.....	ply \$4.75.....	\$3.00	
#3.....	\$4.75.....	solid \$4.75.....	solid \$5.25.....	ply \$6.75.....	\$4.50	
#4.....	\$5.75.....	solid \$5.75.....	solid \$7.00.....	ply \$8.00.....	\$5.25	
#5.....	\$7.75.....	solid or ply \$7.75.....	solid \$10.00.....	ply \$11.00.....	\$7.10	
			<i>cherry, pine (solid thru #8),</i>			
			<i>& plain maple (<u><i>each</i></u>)</i>			<i>birdseye top</i>
#6.....	\$10.00.....	ply \$5.50.....		ply \$10.00.....	\$10.00	
#6 Carrier.....	\$9.50 (band 2-1/4" wide, with #C handle)					
#7.....	\$13.50.....	ply \$7.75.....		ply \$12.00.....	\$12.00	
#7 Carrier.....	\$11.50 (band 2-1/2" wide, with #C handle)					
#7 Div. Carrier ...	\$12.75 (band 2-1/2" x 40-1/2" with center divider 5/16" x 4-3/4" x 13")					
#8.....	\$18.00.....	ply \$10.00.....		ply \$15.50.....	\$15.50	
#8 Carrier.....	\$13.50 (band 2-3/4" wide, with #C handle)					
#8 Button Box ...	\$13.50 (bottom band 2-3/4" wide, with top band)					
#8 Tall.....	\$24.50* (bottom band 8" wide, with top band)					
#9.....	\$21.00*.....	ply \$13.50.....		ply \$18.00.....	\$18.00	
#10.....	\$24.00*.....	ply \$15.50.....		ply \$20.00.....	\$20.00	
#11.....	\$29.00*.....	ply \$18.00*.....		ply \$22.00*.....	\$22.00*	
#12.....	\$33.00*.....	ply \$20.00*.....		ply \$25.00*.....	\$25.00*	

SET OF FIVE Box Bands, enough bands to make one box each size

#0, #1, #2, #3, #4, available in cherry and maple \$19.00

SET OF FIVE Tops and Bottoms, cherry or pine #0-4 boards to make

one box each size \$19.00

lacewood (quartersawn sycamore)....\$22.00, or birdseye maple tops and plain bottoms.....\$25.00

Birch 5 ply 1/4" boards for trays, 60% of corresponding cherry board for #7 - #12.



Sets of #0-4 Bands (left) and Boards (right)

HANDLES in cherry and maple

- A - HANDLE** (1/8" x 3/4" x 17") fits #3, #4, & #5 (swing)...\$1.75
- B - HANDLE** (1/8" x 1" x 23") fits #5 (fixed), & #6.....\$2.25
- C - HANDLE** (1/8" x 1-1/4" x 26") fits #7 & #8.....\$2.75

TRAY BANDS in cherry

- #7 - \$6.00.....#8 - \$7.00.....#9 - \$ 8.00
 - #10 - \$9.00...#11 - \$10.00...#12 - \$11.00
- Rigid extruded 1" foam oval forms for tray making.
#7 - #12 priced \$7 - \$12 each

Handles can be used for both fixed handle carriers and the swing handle style. They are sold in both cherry and maple. Fixed handles are glued and tacked using our fixed handle tack for sizes up to #5, and the 4 light trimmer for #6 and above. Swing handles are attached using a wood spacer made from 3/4" dowel and our trunk rivets in either the standard 3/4" length or special 1" size. They come with copper washers when peening on the inside of the box.

Oval trays are made according to the pdf you can download [oval trays]. **Tray bands** are 1 3/8" wide in sizes #7 through #12. Order **bottom boards** listed above for the corresponding box size, or use 1/4" birch plywood as shown in the oval tray article (60% cost of cherry boards). The **1" rigid foam board form** is used for both the bending form and for drying after tacking.



A, B, and C - Handles for Carriers



Shaker Oval Trays #7 -- 11

FORMS and PATTERNS

- #0 - #4 **OVAL CORES** solid wood oval form for bending bands \$60.00
 - #0 - #4 **SHAPERS** also called "formers" for holding the wet band \$60.00
 - #0 - #4 **FINGER PATTERNS** in aluminum for fingers and tack holes (both top & bottom band) \$20.00
 - #5 **SIZE PATTERN SET** includes oval core, shapers, and finger patterns..... \$45.00
 - #00 **SIZE PATTERN SET** includes core, shapers and finger pattern..... \$15.00
 - #000 **SIZE PATTERN SET** includes core, shapers and finger pattern..... \$15.00
 - #3 (three fingers), #5, #6, #7, #8 **FINGER PATTERNS** (includes both top & bottom band patterns) \$6.00 each
 - #9, #10, #11, #12 **FINGER PATTERNS** (includes both top & bottom band patterns) \$8.00 each
- #6, #7, #8 **CORES & SHAPERS** available upon request



#0-4 Cores, Shapers and Finger Patterns

#5 size Pattern Set separate from #0-4 Cores

Cores and shapers for making oval boxes #0 – #5 can be ordered individually as well. The **finger patterns** are used to cut and drill the band before soaking in hot water. The **cores** in basswood are used to bend the band to get the proper shape and circumference. The **shapers** are oval corks used in the wet band while drying.

HOT WATER TRAYS

COPPER HOT WATER TRAY made from heavy gage copper with stainless steel hinge

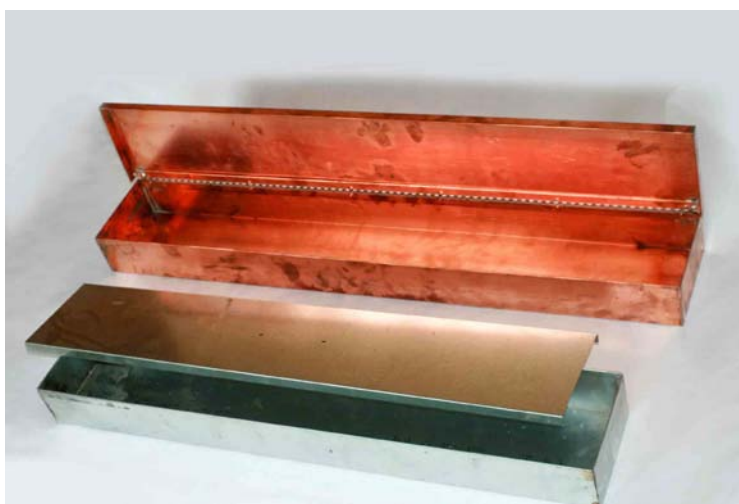
37" tray I recommend for most box makers (3" x 6" x 37", fits a #6 band). Add \$8.00 to postage \$140.00*

48" x 9" tray (3" x 9" x 48", fits a Tall #8 band). Add \$8.00 to postage \$199.00*

GALVANIZED STEEL WATER TRAY

32" tray (3" x 6" x 32", will accommodate through #5 bands)..... \$43.00

48" tray (3" x 9" x 48", will accommodate through #8 tall bands) Add \$8.00 to postage \$75.00*



Galvanized 32" Water Tray (front) and 37" Copper Tray

Shaker craftsmen used hot water soaking in trays like those sold by The Home Shop. Steam boxes work for craftsmen who have such a system. We supply a standard **soaking tray** shown above in both the 32" and 48" galvanized steel and the 37" and 48" copper with stainless steel hinge. Longer trays are available on request.

Soaking trays are intended to be used with an electric hot plate and a support base with wood blocks at each end to protect from spilling hot water.

TOOLS

- DRILLING JIG** with Ryobi drill (includes 5/64" bit) \$90.00
ANVIL cradled pipe ready to clamp on bench for clinching tacks \$20.00
SANDING BLOCK cushioned wood block (sized for 1/4 sheet of sand paper) \$3.00



Drilling Jig for peg holes



Anvils and Sanding Block

The custom **drilling jig** will accurately drill 5/64" holes for the wood pegs used to secure the oval top and bottom board in the Shaker box. The wood pegs are made by cutting a box of toothpicks (sold below) in half to produce 500 pegs. It also is used to drill the 1/16" holes for the copper shoe pegs as an alternative to wood pegs. (How to use a drill press for drilling perimeter holes is given in "Making Oval Boxes" pdf available to download from our web site.) The drill jig comes with a line switch for convenient operation with the trigger on the lock position.

Copper tacks are clinched on the inside to secure the finger lap. Shown here is a 1" galvanized pipe anvil in a hardwood cradle to clamp to your table or bench. It can also through bolt for permanent installation.

The **sanding block** has a cushion surface to sand the many curved surfaces. It is sized to use a quarter sheet of 120 grit sand paper.

COPPER TACKS, PEGS & RIVETS

TAC PAC with pegs. One package #1, #1-1/2 & #2 and 1 box of pegs (makes about 80 boxes) \$15.00

PEGS toothpicks (one box included with TAC PAC) use 5/64" hole 1/2" deep \$.75

TIP: Cut box in half on band saw to create pegs. Hold box down securely when cutting.

TRUNK RIVETS (oval head x 3/4" long with washers, 24 count/pkg.) for attaching swing handles in #3 - #6 carriers \$5.00/box
1" long trunk rivets also available, same head size and same price, 12 count/pkg.

SMALLER RIVET (round head x 1/2" long with washers, 24 count pkg.) SDL style carriers & very small sizes \$5.00/box



Tac Pac with pegs



Trunk Rivets (l.) and Small Rivets (r.)

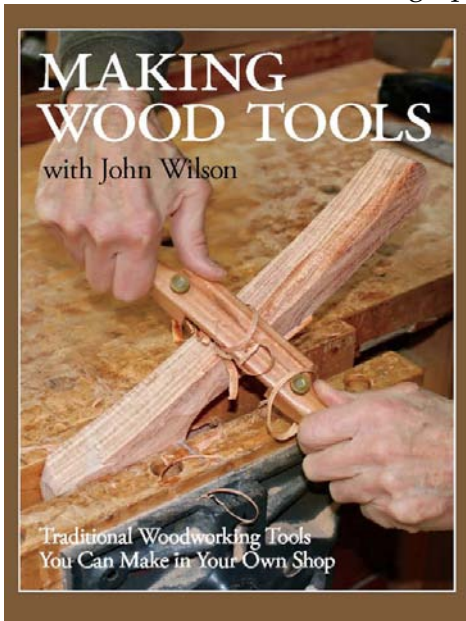
Copper tacks are the hallmark of a Shaker box. We manufacture nine sizes on 150 year old machines obtained from the W.W. Cross Co. in 1991 when they ceased operations. Several of our sizes (the #3/4, the #2 1/4, and the fixed handle tack) have been made by us specifically for the oval box trade, along with the copper shoe peg that went out of production when shoemakers stopped hand making shoes. We sell packages with one ounce (small sizes are the same approximate count as larger, but weigh less), and a collection called the TAC PAC with wood pegs to make about 80 boxes. We sell tacks in one pound quantities, and half-pounds at 1/2 the price plus \$5.

Trunk rivets are used for the swing handle carrier. The standard 3/4" trunk rivet is used on carriers size #3 to #6, while a 1" length will do larger ones. The small rivet has a machine half-round head and is 1/2" long. It was used by Br. Delmer Wilson at Sabbathday Lake (SDL) for his carriers that had no lid, but were open to view the elaborate sewing accoutrements made by the Shaker sisters. All rivets include a copper washer for peening on the inside.

Tack #	Length of Tack	Recommended Box Size	Thickness Clinch	Approx. Count/pkg.	Price	
					Package	Pound
#3/4.....	5/32".....	#000-#00.....	.045-.055	250 (1/4 oz).....	\$5.00	\$130.00*
#1.....	3/16".....	#0-#1.....	.055-.065	350 (1/2 oz).....	\$5.00	\$60.00*
#1-1/2.....	7/32".....	#1-#3.....	.065-.075	375 (5/8 oz).....	\$5.00	\$52.00*
#2.....	1/4".....	#4-#6.....	.075-.095	375(1 oz)	\$5.00	\$42.00*
#2-1/4.....	9/32".....	#6-#8.....	.095-.110	300 (1 oz).....	\$5.00	\$40.00*
#2-1/2.....	5/16".....	#8-#12.....	.110-.140	200 (1 oz).....	\$5.00	\$40.00*
#3.....	3/8".....	#13-#16.....	.140-.160	160 (1 oz).....	\$5.00	\$40.00*
#4 light trimmer (7/16" in length, #2-1/2 head) handles on bands #7 & up				150 (1 oz).....	\$5.00	\$40.00*
Fixed Handle Tacks (3/8" in length, #2 head) handles on bands below #7				310 (1 oz).....	\$5.00	\$44.00*
Copper shoe pegs (1/2" in length. Use 1/16" pilot hole, 3/8" deep.).....				175 (1 oz).....	\$3.00	\$24.00*

INFORMATION

- DVD VIDEO** Includes both "Making Shaker Oval Boxes & Carriers with John Wilson" (one hour) ,
and "Making A Shaker Oval Tray with John Wilson and Scott Phillips" & box making, copper tack
 machines, and solar drying kilns used at the Home Shop (52 min.) \$19.99
- CLASS BOOKLET** used in John's box making classes for #0-#5 size boxes and carriers..... \$4.00
- PATTERN PACKET** 25 Oval Boxes and Carriers (with instructions for all sizes through #12) \$10.00
- LARGEST BOXES #13 - 20** ovals and finger patterns with instructions \$10.00
- SPECIAL OFFER DVD** With Class Book & Pattern Packet, free shipping \$32.75
- BOOK "MAKING WOOD TOOLS 2nd edition with JOHN WILSON"**
 Includes 5 new tools, autographed copy and free shipping \$39.95*



Tool Making Book



Special Offer DVD with Pattern Packet and Class Booklet

Our goal to manufacture quality box making supplies and provide concise and accurate information to enable you to make historically authentic Shaker oval boxes. You have been introduced to our inventory of box making supplies. Illustrated in this photo are the basic information sources for making a whole range of oval box projects.

The **DVD** provides you with two one hour programs. The first was filmed in our shop and walks you through the steps in making an oval box, a swing handle carrier, and a fixed handle carrier. The second was filmed by Scott Phillips and crew for the American Woodshop series on PBS. It shows you how to lay out forms as well as bend and complete a Shaker oval tray. An added bonus is a segment on the operation of our copper tack machines and the solar drying kilns developed for use in drying all the wood used at the Home Shop.

The other items in the **DVD special** are the **class booklet** which gives text and drawings to accompany the DVD programs. Finally, the **pattern packet** which gives you the complete inventory of all project styles and plans for boxes #000 through #12. The article "Making Shaker Oval Boxes" by John Wilson (Popular Woodworking 2003) is available free from our web site.

GETTING STARTED IN BOX MAKING SPECIAL

Take \$50 off when ordering **getting started set**: One set of five cherry or maple bands, one set of five cherry or pine tops and bottoms, size #0 - #4 cores, shapers and fingers, 32" galvanized water tray, pipe anvil, sanding block, one tac pac and one DVD SPECIAL OFFER - regularly \$291.75, now \$241.75*+ S/H.



Getting Started Set - Save \$50

KITS

A great way to get started is the three box set, or one of the attractive related carriers in a **Home Shop kit**. In it you will find box bands in cherry together with boards for oval tops and bottoms. Wood pegs and copper tacks enable you to put it all together. Instructions and patterns give you the know how to make your own forms, or you can purchase cores and shapers sold separately. The music box kits come complete with foam board forms.

- 3 OVAL BOX KIT** includes sizes #1, #2, #3, in cherry, complete with materials and instructions (To purchase pre-made cores, shapers and patterns see above or use foam board included)\$35.00
- FIXED HANDLE CARRIER KIT** Includes two #4 fixed handle carriers, in cherry, complete with materials and instructions (To purchase pre-made cores, shapers and patterns see above)\$35.00
- SWING HANDLE CARRIER KIT** Includes one #4 swing handle carriers, in cherry, complete with materials and instructions (To purchase pre-made cores, shapers and patterns see above)\$27.50
- #1 BOX WITH MUSIC WORKS KIT** "Simple Gifts" song in a #1 oval box. Project suitable for the first-time or experienced box maker. Contains everything you will need....\$ 35.00
- PRESENTATION BOX WITH MUSIC WORKS KIT** Same as above only long , narrow box allows section for small treasures. Contains everything you will need\$44.75
- MUSIC WORKS "Simple Gifts"** Fits #1 oval box with 3/8" thickness bottom sounding board (Sounding Board Available Separately at \$2.75)\$10.00



Swing Handle Carrier Kit



Music Box Kit, #1 (foreground) and Presentation

SHIPPING and HANDLING

We ship by U.S. Postal Service or UPS depending on which is cheaper or your preference.

One TAC PAC or up to six ounces of tacks.....	\$4.00
Larger quantities of tacks up to 3 lbs.....	\$6.00
All other material requests.....	Actual shipment cost + \$5.00
Orders containing copper water trays, band sizes #8 through #12, or over \$400.00	Add \$8.00
Shipments outside the United States.....	Add \$5.00

Discounts: Most materials receive 5% off when 10 of a kind are ordered, or, instead, orders of \$500 or more can take 10% off most items. Wider bands and larger boards, special sizes, copper hot water trays, and ½ pound and 1 pound quantities of tacks (all marked with an asterisk ' * ') exempt from discounts.

Our open invoice system and payment: Your materials are sent to you with an invoice detailing your items. The total amount is due upon receipt. You enjoy the benefits of doing business “The Old Fashioned Way” by viewing your purchases before sending your personal check or money order. Please call for international payment details. Add 6% sales tax for materials sold in Michigan.



#7 Divided Carrier



#6-7-8 Fixed Handle Carriers

Both the divided #7 carrier and the three #6-7-8 fixed handle carriers shown above make attractive and functional projects very much in the Shaker tradition. They are part of our inventory of materials as well as included in the pattern packet of information.

INVITATION TO VISIT

All of us at The Home Shop appreciate your interest in making Shaker oval boxes. It is our life's work and the only product manufactured at our facility in Charlotte, MI. If you find yourself in our area and wish to view our operation as well as purchase supplies you are welcome to do so. It would be well to call ahead to be sure we are not on the road teaching or gathering logs and lumber. Here you see John, Will, Molly and Eric after an arrival of pine logs for oval box tops and bottoms.



John, Will, Molly and Eric on White Pine Logs for Box Tops and Bottoms

With best wishes,

JOHN WILSON

John Wilson and Eric Pintar, LLC, 406 EAST BROADWAY, CHARLOTTE, MICHIGAN 48813

517-543-5325 (8:30-5 EST, M-F) or visit ShakerOvalBox.com