

# Woodworkers Club of Houston

August 2004 • Volume 20, No. 8 • [www.wwch.org](http://www.wwch.org)

## August Program

The speakers for our August meeting will be Gene Hoya & Paul Chadick from Zinsser. Zinsser manufacturers



numerous shellac based products. Gene will cover the history, various formulations and uses of

their products. We are going to learn things about shellac that we never knew. Their web site is [www.zinsser.com](http://www.zinsser.com)

## New Zinsser products include:

Bulls Eye® French Polish is a revolutionary wiping finish that makes it easy for anyone to achieve a beautiful museum-quality French polish finish in hours – not weeks. The fast film building formula dries hard in minutes, highlighting the warm beauty of all types of wood as an elegant French polish or as an easy wiping finish.



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\*PERMA-WHITE contains a mildewcide to prevent the growth of mold & mildew on the paint film only.

## Annual Club Barbeque

Our annual outage is in the planning stage. Club President James Robertson appointed Ken Kooser as the chairman for the event. We would like your input to make this event a roaring success.

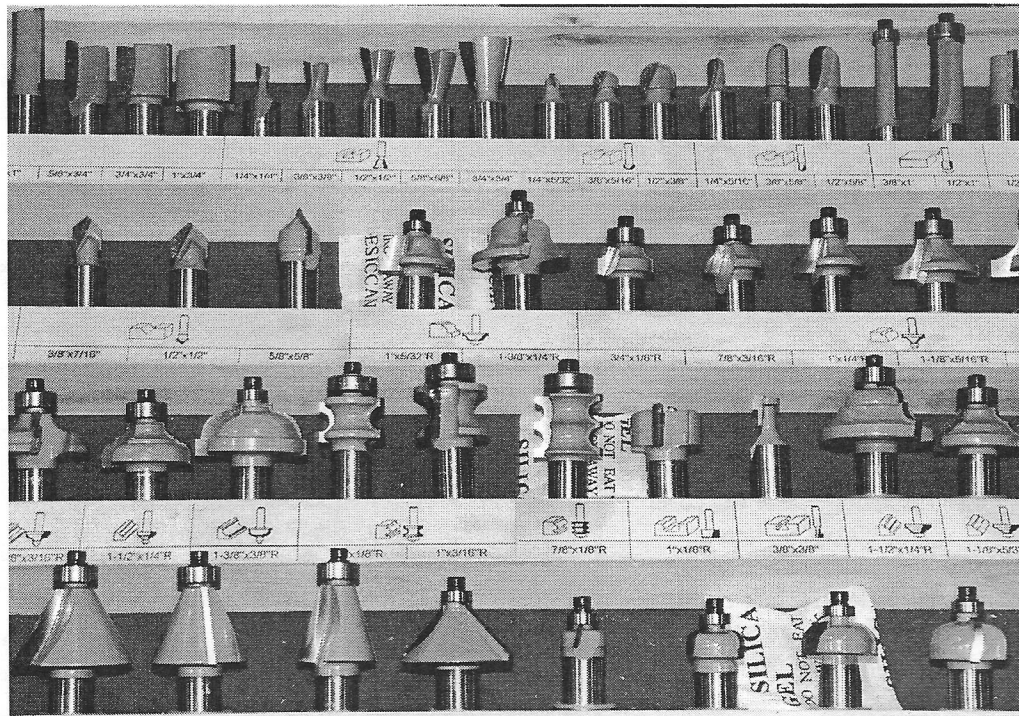
We have set the date: October 16th. The place: Baylands Community Center Pavilion. The meal will be barbeque. We estimate the cost at \$8.00 a person or \$15.00 per couple.

We'll auction tools and have a large raffle (\$1.00 a ticket) that will include something for the ladies (like we've had the past two years).

We plan on having a quality event this year. We need help from members for the organization, planning and execution of this annual event. Please attend the August board meeting (immediately after the general club meeting) so we can hear your views and sign you up to a specific task. Let us know your ideas: tool swap and/or individual equipment sales; belt sander races; demonstrations; etc.

Reserve your tickets at the August Meeting and buy your tickets at the September and October meetings. Get your ticket order in early to help make this the best-ever annual event. Ken Kooser can be reached at 713.725.3754 or [kke.precip@att.net](mailto:kke.precip@att.net).





**Router Bits for every woodworker.**

*by Sally White*

**T**he router is one of the most versatile tools in the modern shop. With the correct bits you can form edges, mill stock for joints, add decorative veining or inlays and even make raised panel doors. Practice is the key to successful routing. However, the right bit is just as important. Here are some general guidelines when deciding which bit is right for your project:

### Router Bit Materials

The materials from which bits are manufactured play a big role in the life and performance of the bit. Router bits are available in:

- **High-Speed Steel (HSS)**— relatively inexpensive and good for general routing in softwood and light plastics. For the weekend woodworker, occasional router projects using any type of wood usually can be handled by steel bits.

- **Carbide-Tipped**— more expensive than HSS, but they stay sharp much longer and are a better choice for hardwood and other hard materials.

- **Solid Carbide** — normally the most expensive bits. They're usually small and designed for specific applications such as mortising, laminate trimming or

pattern cutting. Woodworkers cutting a lot of hardwoods for a major project will want the most durable router bits -- solid-carbide products.

### Tips:

Steel router bits need to be sharpened more often than carbide bits, but carbide bits are more expensive.

Some bits come with a ball bearing or a solid pilot that helps guide the router along the edge of the work.

Select the bit with the largest shank diameter your router will accept. The larger the shank diameter, the more securely the router holds the bit.

Carbide-tipped bits are best-suited for work with softwoods and fruitwoods.

### Tid Bits for Router Bits

Router bits are available for all kinds of projects. Determine which bits are best suited to your needs.

### Basic Bits:

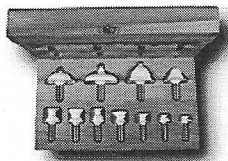
1. **Round over bit** - Makes simple, finished edges on furniture and wood molding.

2. Create fancier corners with an ogee, beading, molding or any of the classic bits.
3. Rabbet bit - is used to make step cuts for drawers,
4. Drawer pull bit is for making drawer handles.
5. Put a clean finished edge on laminates with a laminate trimmer. This bit has a ball-bearing pilot to prevent scorching.
6. Get a plunge bit (ogee, beading, classic, straight) for work that begins away from the edges of the piece.
7. Try a dovetail or straight bit for joints. The dovetail makes a wedge-shaped groove that looks nice on exposed corners. The straight bit leaves a square, flat-bottom groove.
8. Cut lettering and pattern or freehand decorations with a veining bit, which leaves a round-bottom groove.
9. If you cannot find the router bit that is perfect for you current project, a custom manufactured bit can be created to your exact specifications. This would be useful in matching discontinued molding and trim in architectural restorations and antique reproductions.

### What's New In Router Bit Sets

#### Jeseda Tools: 17th Century Bit Set

Since releasing this brand new collection of router bits they have won the prestigious 'Best New Tool' award from the Popular Woodworking magazine. The bits are ideal for making classic profiles from furniture of 17th century



England. There are 11 new bits available either, individually or in a whole set with the bits seated in a beautifully fitted wooden case.

Go to:

[http://iseek.com/Projects/omnicat5/index.php?cat\\_id=0](http://iseek.com/Projects/omnicat5/index.php?cat_id=0)

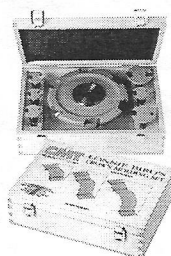
#### CMT: Complete Kitchen

A CMT set isn't just a random selection of odds and ends bits packaged in a box to look nice. The CMT Complete Kitchen set is a professional drawer and door makers kit.



There are 3 sets to choose from for the profiles you prefer. Each set includes a choice of raised panel bit and Rail and Stile bit plus a Glue Joint and Drawer Lock bit.

#### Lonnie Bird's Crown Molding (7 piece)



With CMT's New Crown Molding Set designed by Lonnie Bird you can shape elegant moldings with your tablesaw and router table. Unlike commercially available crown molding, molding made with this set is easy to install and creates a finished appearance. This set is perfect for shaping moldings

for fine furniture and other casework. The set consists of a cove cutter and six router bits with inverted profiles. The cove cutter mounts on your tablesaw and is used in conjunction with a pair of angled fences. Simply changing the fence angle and cutter height allows you to create an almost infinite variety of cove shapes and sizes. Best of all, the finished surface requires very little sanding. After shaping the cove, you can use the special router bits with inverted profiles to create various edge treatments and complete the molding. 1/2" Shanks. Instructions are included.

#### 6 Piece Sommerfeld Cabinet Making Set

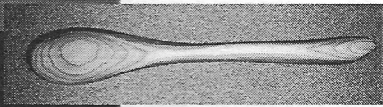
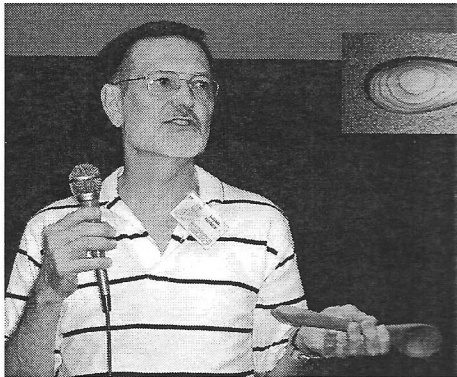


The new Sommerfeld Cabinetmaking Set features six router bits designed expressly for making arched raised panel doors and professional drawer fronts. The set includes the following: *OEGEE RAIL AND*

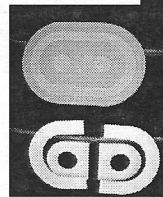
*STILE MATCHED PAIR* Two separate cutters eliminate the frustration and time-consuming setup of reversible cutters. The stile cutter has a shear angle to produce superior cuts. *RAISED PANEL BIT WITH BACK-CUTTER* The 3-1/2" diameter bit has a back-cutter which allows milling of both the front and back of the panel in the same cut. An additional 1-1/4" diameter bearing promotes safety by allowing you to take two shallow passes. *SUPER-DUTY FLUSH TRIM BIT* The 3/4" cutting diameter gives a superior cut with minimal chipping, even on end grain. *OEGEE DOOR EDGE BIT* A subtle cove followed by a small roundover adds an elegant touch to the door edge. *DRAWER FRONT BIT* This unique bit makes a mini-raised panel cut on the outside edges

For profiles and specifics, go to: [www.cmtusa.com](http://www.cmtusa.com)

## July projects

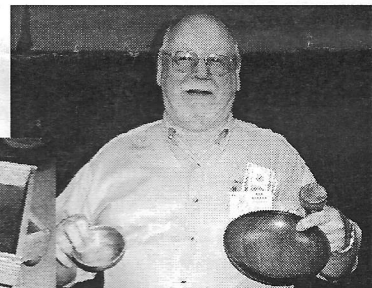
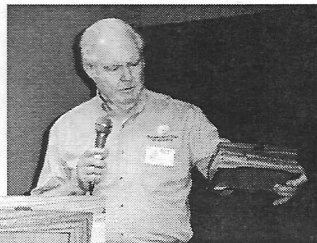


**Brian Honey** brought the spoon to go with the bowls but nobody brought the chili. The spoon is handmade using a dovetail saw, bench chisel and a carving gouge. These are techniques he learned at a woodworking school in Waco.

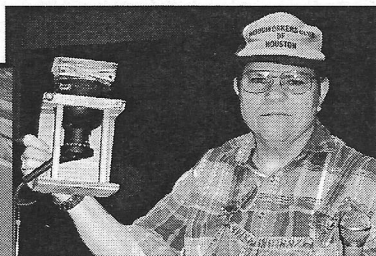
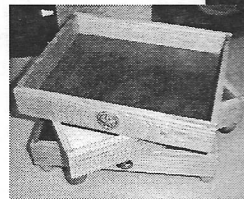


**Chuck Maxwell** showed club members the snack tray he made using his pin router. The jig is taped to the work piece with two-sided tape.

**Gregory Owens** talked about his jewelry boxes he made of mahogany and 1/8 inch birch plywood. The finish is polyurethane.



**Ken Kooser** crafted these bowls of poplar and mahogany. Texas stars grace the front of his bun-footed trays.



**Robert Sandlin** holds the device he made to hold a hand held sander in place to be used as a fixed sander. Maybe you don't have to remove the sander after all, just turn it upside down and sand away.

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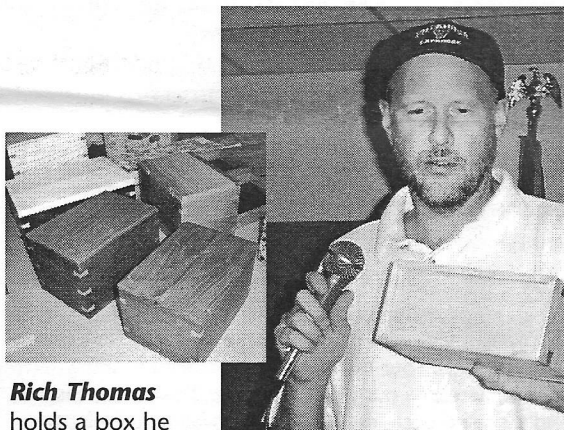
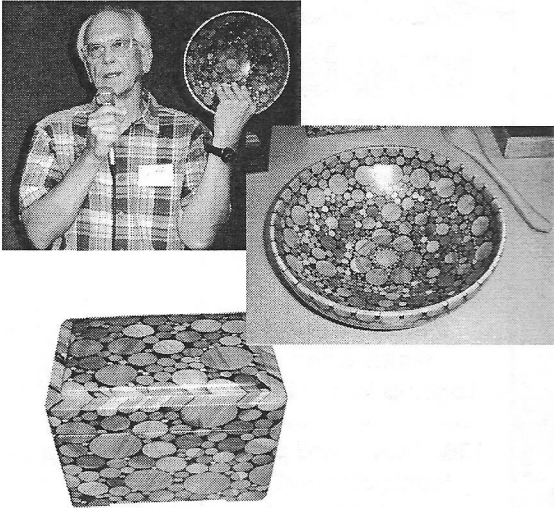
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**Lon Kelley** shows off his dowel box and dowel bowl. The oval shape of the dowels in the box are the result of cutting the glued up final product at an angle. Lon also explained how he hammered a carbide tip into a piece of long metal so he could gouge out the bowl.

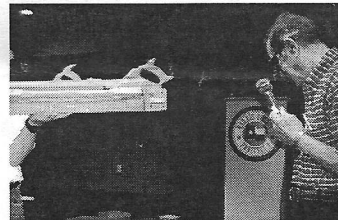
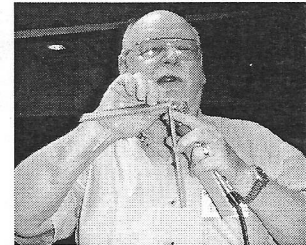
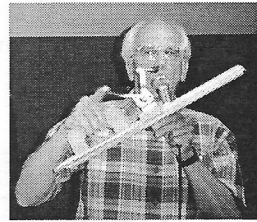
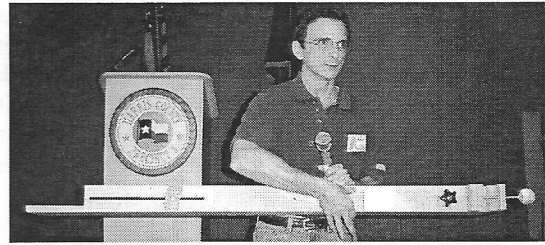


**Rich Thomas** holds a box he made of dovetail joints using a dovetail bit. These boxes are of Brazilian walnut, American walnut with maple keys plus some old tight grained barn oak.



**Don Turbeville** shows off the door prize he won.

## Jigs'R Us

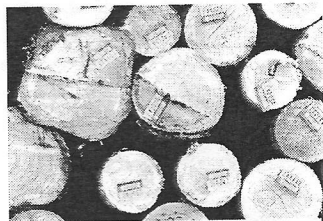


Members of the club brought in jigs and explained how they made and used them. From top to bottom; **Eddy Arnold, Lon Kelley, Ken Kooser, Chuck Maxwell** and **Denis Muras**. The photographer apologizes to **Jack Hutchison, Rich Thomas** and **Ridg Gilmer** whose photographs are missing because the camera battery died.

Current Work photos & text by  
Gary Rowen

# Club Contacts

- Jim Robertson, *President* . . . . . [REDACTED]
- Walter Mason, *Vice-President* . . . . . [REDACTED]
- Gary Rowen, *Secretary* . . . . . [REDACTED]
- Al Morrow, *Treasurer* . . . . . [REDACTED]
- Ken Kooser, *Director* . . . . . [REDACTED]
- Paul Koury, *Director* . . . . . [REDACTED]
- Tom Matkin, *Director* . . . . . [REDACTED]
- Mike Kelly, *Director* . . . . . [REDACTED]
- Gary Rowen, *Webmaster* . . . . . [REDACTED]
- Joe Edelen, *Name Tags* . . . . . [REDACTED]
- John Gay, *Book Library* . . . . . [REDACTED]
- Blaine Stokes, *Video Library* . . . . . [REDACTED]
- Loretta Buckley, Bill Hochmuth, *Coffee Committee*
- Bill White, *Communications Director and Newsletter Editor* . . . . . [REDACTED]



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### WWCH Monthly Meeting

Second Saturday of every month  
We open the doors at 8:30am, program starts at 9:00 and winds up by 11:30am.

Bayland Community Center  
6400 Bissonnet  
Houston, TX 77074



### Woodworkers Club of Houston Membership Application



A WWCH Membership is a chance to learn about woodworking, visit with other woodworkers and see some fabulous projects. Your membership includes a monthly newsletter, access to our video and book library, invitation to field trips and occasionally we collectively buy tools at discounted prices. Considering the cost it's a genuine bargain. So, cut out this application, include a check for \$24.00 yearly membership and mail it to the address below. And join us once a month for a good time.

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**Tage Frid**  
**1915-2004**

Scan the mastheads of Fine Woodworking magazine from the current issue all the way back to the first one in the winter of 1975, and only one name appears as a contributing editor on all of them: Tage (pronounced "Tay") Frid. Frid died on May 4, 2004 in Rhode Island from complications of Alzheimer's disease. He was 88 years old.

Frid, a native of Denmark, began his woodworking career at the tender age of 13. In 1948 he moved to the United States to take a job teaching woodworking at the School for American Craftsmen, first at Alfred University, and then later at Rochester Institute of Technology. During those early years as a teacher, Frid continued to make and sell furniture in his trademark Danish-modern style. He had an enormous influence on the resurgence of handmade furniture in the United States during the latter half of the 20th century. Many of his former students are prominent furniture designers, furniture makers and teachers.

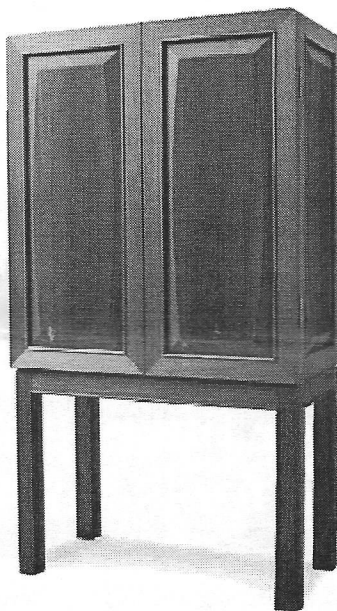
Although classically trained, Frid's take on furniture making was forever practical, grounded perhaps by his time-is-money experience as a working craftsman. He was as equally comfortable using a belt sander as he was a handplane. "A lot of people get romantic about their tools," he said. "I don't care about the tools, I use anything that will get the job done... The end result is what counts." He was a studio furniture maker

long before the job title was recognized.

In 1962 Frid launched the first college-level program in woodworking and furniture design at Rhode Island School of Design (RISD), where his influence flourished for the next quarter century. From 1979 to 1985, Frid wrote the classic three-volume series of books *Tage Frid Teaches Woodworking*, published by The Taunton Press.

Among his many awards and accolades was his election as a fellow of the American Craft Council in 1980 and a recipient of a Lifetime Achievement Award from The Furniture Society in 2001.

Tage Frid proved to many aspiring woodworkers that one could make a living building handmade furniture.



*Although known as a teacher and author Tage Frid was also a consummate woodworker as shown by this beautiful chest he designed and produced.*

# Woodworkers Club of Houston

11319 Atwell Drive  
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**MARK YOUR CALENDARS:**

**WWCH Monthly Meeting: August 14**

**August program: Representatives from Zinsser (the shellac company)**

**Next Monthly Meeting: September 11**



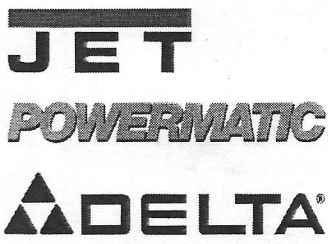
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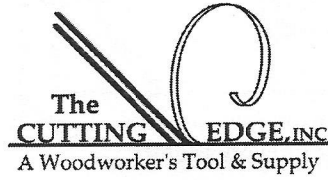
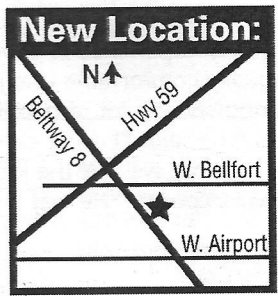
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