- 15:59:54 From Dave Rhodes Crescent City to Everyone: Please set me up to record again
- 16:00:31 From Dave Rhodes Crescent City to Everyone: Thank you
- 16:00:56 From Susan's iPad to Everyone: Hi ya'll
- 16:01:14 From brenda thornton ohio to Everyone: hi susan
- 16:01:38 From Dave Rhodes Crescent City to Everyone: Hello All !!
- 16:01:48 From huck joe kansas to Everyone: Hi Susan and Brenda.
- 16:02:04 From Dave Rhodes Crescent City to Everyone: Merry Christmas, or Happy Holiday to all
- 16:02:32 From Doug Miller to Everyone: Merry Christmas to you Dave!
- 16:02:37 From Susan's iPad to Everyone:
 Merry Christmas
- 16:02:42 From Dane Chandler -Tucson AZ to Everyone:
 Merry Christmas to you as well Dave
- 16:02:52 From gary hoffman arizona to Everyone: CAPTIONS ARENT TURNED ON
- 16:03:02 From gary hoffman arizona to Everyone: OK NOW
- 16:06:08 From Andy Schuster to Everyone: Good evening everyone
- 16:07:11 From Matt Harber to Everyone: Howdy, everyone!
- 16:07:37 From huck joe kansas to Everyone: Hi Matt
- 16:07:39 From Andy Schuster to Everyone: HI Matt
- 16:10:39 From gary in Oklahoma City to Everyone:

 To expand your usage of the laser, if you want to
 laser clear glass, first paint the glass with Rust-oleum
 Cold Galvanizing Compound. Laser it and then wash away
 the galvanizing compound. Your text/picture will be left
 behind.

- 16:14:28 From Ron Kisko to Everyone: He who has the most tools when he dies...wins!
- 16:19:54 From Kade Bolger, Woodturner to Everyone: Good evening everyone! cheers!
- 16:20:24 From Andy Schuster to Everyone: Hey Kade, hello there
- 16:20:25 From Dane Chandler -Tucson AZ to Everyone: evening Kade
- 16:20:34 From huck joe kansas to Everyone: Hello Kade. Good to see you made it.
- 16:21:47 From Matt Harber to Everyone: Hi Kade!
- 16:33:17 From Tim Hatch TX to Everyone:
 I have something to show later when it is time... I used the Jet indexing wheel to do a spiral cut away finial for an ornament topper
- 16:34:03 From Bob Grinstead Mansfield, TX. to Everyone:
 https://www.maxumhardware.com/catalog/product_info.php?
 cPath=13&products_id=433&gclid=EAIaIQobChMI1K_8zvbx3AIV3EwNCh2_EgPXEAYYCCABEgKbKfD_BwE
- 16:36:04 From Dave Rhodes Crescent City to Everyone: woodgears.ca
- 16:37:07 From Bob Grinstead Mansfield, TX. to Everyone: https://woodgears.ca/
- 16:37:21 From Matt Harber to Everyone: https://www.blocklayer.com/circle-dividereng.aspx
- 16:37:40 From Matt Harber to Everyone:
 generate circles with dividers, however you want
- 16:38:11 From Randy Smith PA to Everyone: I have something to contribute to this topic
- 16:38:29 From Dane Chandler -Tucson AZ to Everyone: after johns demo please
- 16:39:34 From Matt Harber to Everyone:

 John, you could use little pieces of masking tape, to
 mark the holes you wanted....
- 16:40:24 From Matt Harber to Everyone:
 I buy the magnets on Amazon. Any size you want....
- 16:40:52 From Cap'n Eddie to Everyone:

 K&J magnetics is a great source for magnets, every size and power.
- 17:02:09 From Bob Grinstead Mansfield, TX. to Everyone: https://www.lowes.com/pd/Titebond-Clear-Interior-Wood-Adhesive-Actual-Net-

Contents-8-fl-oz/999992186?cm_mmc=shp-_-c-_-prd-_-pnt-_-ggl-_-LIA_PNT_221_Glue-Adhesives-Caulk-Repair-_-999992186-_-local-_-0-_0&ds_rl=1286981&gclid=EAIaIQobChMI59fDw9z49AIVpY5bCh3BRQveEAQYASABEgJ8SvD_BwE&gclsrc=aw.ds

17:02:27 From Tim Hatch TX to Everyone:
 https://www.amazon.com/s?
k=elmers+probond+advanced+glue&crid=MTUR6YUX147Y&sprefix=elmers+pro+bond+advance
%2Caps%2C204&ref=nb_sb_ss_ts-doa-p_1_22

- 17:05:19 From Matt Harber to Everyone:
 I love the titebone quick and thick! Great glue,
 dries clear.
- 17:05:26 From Matt Harber to Everyone: *Titebond.
- 17:06:00 From Bob Grinstead Mansfield, TX. to Everyone: TB sets up fast. I use it for open segment turning
- 17:06:36 From Doug Miller in N KY to Everyone:
 Matt, will the tite bond stick to the brass tubes?
- 17:06:42 From Kade Bolger, Woodturner to Everyone: Me too Matt. It's great stuff!
- 17:08:31 From Andy Schuster to Everyone:
 lol another glue to try on the pens I make, and I just bought
 a big bottle of gorilla glue. really liked that for gluing
 brass into the blanks
- 17:09:21 From Kade Bolger, Woodturner to Everyone:
 Elmers Pro Bond at Rona. https://www.rona.ca/en/product/probond-advanced-glue-118-ml-06935045?
 viewStore=55070&cq_src=google_ads&cq_cmp=8143180966&cq_con=88023294127&cq_term=&cq_med=&cq_plac=&cq_net=u&cq_pos=&cq_plt=gp&&cm_mmc=paid_search-_-google-_-aw_smart_shopping_generic_paint-_-71700000064493937&gclid=CjwKCAiAtouOBhA6EiwA2nLKH-WIkccBx7JER3Uig5KPcAxaux40Zc1lRrzQ9fMbD5WOo-YvPSf_fxoC4LkQAvD_BwE&gclsrc=aw.ds
- 17:10:28 From gary hoffman arizona to Everyone:
 ROUGH UP THE BRASS TUBE THEN PARFIX 3408 NEVER COMES LOOSE
- 17:11:31 From Matt Harber to Everyone:
 I don't know about the Titebond Thick & quick, if it will stick to pen blanks. I suppose it should.... but it's not epoxy, either. Seems like it works well, though I've never had it fail.
- 17:12:16 From Matt Harber to Everyone:

 Kade, you use the Titebond Thick & Quick? On what? How?
- 17:12:56 From Andy Schuster to Everyone:
 3408 seems to thin for the tubes for me, never had luck using it for the tubes. its my preferred finish for the pens though. one coat only then buffed with the vonex
- 17:13:04 From Gerald Jensen to Everyone: I use Thick & Quick on open-segment pieces.

- 17:13:09 From Kade Bolger, Woodturner to Everyone:

 Just as a quick set glue for inlays. I've never used it on pen tubes
- 17:13:17 From Matt Harber to Everyone: Thanks!
- 17:13:46 From Matt Harber to Everyone:
 What happens when you turn across that glue? I've never tried that before...
- 17:14:29 From Kade Bolger, Woodturner to Everyone:

 I use gorilla glue on my pen tubes. I haven't had one come loose yet
- 17:14:32 From Susan's iPad to Everyone:
 Parfix 900 is what Mark Sillay gave me for the tubes.
- 17:14:33 From Gerald Jensen to Everyone:

 Never had a problem ... just be careful. I think a couple of my pieces will be in Eddie's gallery tonight.
- 17:15:25 From Dane Chandler -Tucson AZ to Everyone: thick & quick is better than liquid nails
- 17:15:31 From Andy Schuster to Everyone: lol, Mark turned me onto the gorilla glue Susan
- 17:15:42 From Tim Hatch TX to Everyone: Great Info John... Awesome Demo Thank you so much...
- 17:16:13 From Matt Harber to Everyone: Thanks, John! Useful stuff!
- 17:16:28 From Bob Grinstead Mansfield, TX. to Everyone: lots of good information
- 17:16:42 From Andy Schuster to Everyone: Thanks John, great demo and thank you
- 17:16:54 From Dave Rhodes Crescent City to Everyone: Thank you John, great demo
- 17:16:56 From Gary Bobenhausen-Corinth, Texas to Everyone:
 You all mean I do not have to use two part epoxy in making pens?
- 17:16:56 From Susan's iPad to Everyone: Thanks John. A lot of great information!
- 17:17:16 From Dane Chandler -Tucson AZ to Everyone: nope!
- 17:17:53 From huck joe kansas to Everyone: Thanks John for a very interesting demo.
- 17:18:16 From Waukeene Vinson, CC, Texas to Everyone: I was having problems with deer horn blanks slipping on the brass tubes, stared using Gorilla Glue, haven had a problem since

- 17:18:52 From gary hoffman arizona to Everyone:
 ANY OF THE GLUES MENTIONED WILL WORK..THE KEY TO STICKING AND
 HOLDING IS TO ROUGH UP THE TUBE WITH SANDPAPER FIRST FOR A TIGHT HOLD
- 17:18:55 From Andy Schuster to Everyone:
 I used to like those videos show, but lately, gorilla glue, wet hole In blank with qtip and water, glue blank,insert, I let cure overnight
- 17:19:19 From Kade Bolger, Woodturner to Everyone: Great demo John. Thank you .
- 17:19:32 From Gary Bobenhausen-Corinth, Texas to Everyone: I do ruff up the tubes but have always thought I had to use epoxy.
- 17:19:41 From gary hoffman arizona to Everyone: NOPE
- 17:20:07 From Andy Schuster to Everyone: epoxy is not needed I found
- 17:20:08 From Gary Bobenhausen-Corinth, Texas to Everyone: Well learn something new every meeting.
- 17:20:30 From gary hoffman arizona to Everyone:

 I HAVE MADE THOUSANDS OF PENS NEVER HAD A PROBLEM
- 17:20:54 From Gary Bobenhausen-Corinth, Texas to Everyone: I shall try it. Thanks
- 17:21:59 From Kade Bolger, Woodturner to Everyone: same here, i have always used Gorilla glue with no problems
- 17:22:01 From gary hoffman arizona to Everyone:
 USE PARFIX WITH ACCELATOR AND TURN IMMEDIATLY NO WAITING
- 17:22:58 From Kade Bolger, Woodturner to Everyone: the expandable pollyeurethane glue (Winking Face)
- 17:23:45 From Dan from Lehigh to Everyone: Had a long day. Goodnight and a Merry Christmas
- 17:24:03 From Gary Bobenhausen-Corinth, Texas to Everyone: You also.
- 17:24:12 From Tim Hatch TX to Everyone: Merry Christmas Dan
- 17:24:13 From huck joe kansas to Everyone: Good night Dan.
- 17:29:12 From Bob Grinstead Mansfield, TX. to Everyone: has anyone made a spiraling jig for the router/lathe
- 17:29:30 From Rick Tucker KC to Everyone: yes
- 17:31:00 From Scott Tague Wisconsin to Everyone: I have something to show

- 17:31:05 From Bob Grinstead Mansfield, TX. to Everyone: or
- 17:31:20 From Bob Grinstead Mansfield, TX. to Everyone: or text
- 17:31:23 From brenda thornton ohio to Everyone: I have something to show
- 17:31:40 From Matt Harber to Everyone:
 I'd also be fascinated by more info on a Spiraling jig, Bob and Rick....
- 17:31:42 From Gerald Jensen to Everyone: I would like to see the fluting jig ... maybe pix could be sent to the club's webmaster.
- 17:31:58 From Gerald Jensen to Everyone: I meant spiraling jig ...
- 17:32:04 From Matt Harber to Everyone: I have seen a youtube video on one.
- 17:33:58 From Matt Harber to Everyone:
 This one here: https://youtu.be/v1kpXPzYhoM
- 17:35:25 From Bob Grinstead Mansfield, TX. to Everyone: I have too just look for options. The yt I saw was https://www.youtube.com/watch?v=2eDaGgi1lpQ
- 17:35:46 From Bob Grinstead Mansfield, TX. to Everyone: yes same one
- 17:36:33 From Matt Harber to Everyone: Haaa! Yep, same guy. I think your link is how it's built...
- 17:36:51 From Tres Lennep, Ocean Springs, Mississippi to Everyone: Carver tools for magnets
- 17:40:03 From Tim Hatch TX to Everyone:

 More toys for me to make in the shop... the wife is going to kill me...LOL
- 17:40:26 From Bob Grinstead Mansfield, TX. to Everyone: Making the jig is more than half of the fun
- 17:41:02 From Matt Harber to Everyone: Exactly!
- 17:41:41 From Tim Hatch TX to Everyone: (Sad Face)
- 17:45:52 From Lee David Green to Everyone:
 Great demo John, thank you! Have a very happy Christmas and take care!
- 17:45:54 From Matt Harber to Everyone: Awesome, John! ^_^

- 17:46:03 From Dave Rhodes Crescent City to Everyone: Awesome
- 17:46:18 From Doug Smith , NH to Everyone: Thank you John. Very informative.
- 17:46:18 From Scott Tague Wisconsin to Everyone: Thanks John
- 17:46:26 From Doug Miller in N KY to Everyone: Thank you so much John. Merry Christmas!
- 17:46:34 From Dean Grimes TX to Everyone: Awesome job John Thanks for Sharing!!!
- 17:46:39 From Ronald Todd to Everyone: Very nice demo John and Merry Christmas.
- 17:46:49 From Patrick Hoggard to Everyone: Great job Mr. John. Lot of good information.
- 17:51:50 From Bob Grinstead Mansfield, TX. to Everyone: I have something
- 17:52:12 From Susan's iPad to Everyone:

 Dane if we have time I do have a few pens...plus 7
- 17:52:41 From Andy Schuster to Everyone:
 Well Folks, bedtime for me, work comes too early.See you folks
 next week. Wishing you all a Merry Christmas
- 17:52:48 From Ronald Todd to Everyone: Sorry I have to leave now, everyone have a Merry Christmas.
- 17:53:28 From huck joe kansas to Everyone: good night Ronald.
- 17:53:54 From Ron Kisko to Everyone:
 Thanks y'all interesting stuff! Merry Christmas all!
- 17:53:55 From Bray's Woodturning to Everyone: I have something to show. Greg Bray
- 17:57:05 From Tim Hatch TX to Everyone:
 Nice Work Doug.... Playing Cards is a nice technique for the side.. I see where you ar3e going with them... thanks
- 17:57:53 From Bob Grinstead Mansfield, TX. to Everyone: yes playing cards work nice for the step angles
- 17:58:13 From Bob Grinstead Mansfield, TX. to Everyone: or end grain
- 17:59:05 From Doug Miller in N KY to Everyone: I got the playing card idea from Carl Jacobson. Works great.
- 18:00:45 From Matt Harber to Everyone: Yet more useful tips! Thanks, Doug. Good advice...

- 18:03:10 From Waukeene Vinson, CC, Texas to Everyone: I got some
- 18:10:52 From Kade Bolger, Woodturner to Everyone: I have some
- 18:13:14 From Gary Bobenhausen-Corinth, Texas to Everyone:
 Long day. Can not keep my eyes open. Merry Christmas to you all. Night.
- 18:17:50 From Dane Chandler -Tucson AZ to Everyone: who's up for gallery?
- 18:18:10 From Matt Harber to Everyone:
 Gotta leave time for my demo, Dane! Grin!
- 18:18:48 From Dane Chandler -Tucson AZ to Everyone: go to you next then!
- 18:20:04 From Matt Harber to Everyone: Very cool, Kade!
- 18:21:21 From Tim Hatch TX to Everyone:
 Nice technique Kade... Thanks for sharing
- 18:34:51 From Matt Harber to Everyone:
 Arm video #1: https://youtu.be/gL1N0crTleg#Knob video:
 https://youtu.be/pxE_cejdZ0g
- 18:35:50 From Rich Borchers, Sand Springs, OK to Everyone: Are those video galleries available on the web site?
- 18:36:19 From Rick Tucker KC to Everyone: I have something to show.
- 18:47:31 From gary hoffman arizona to Everyone:
 MERRY CHRISTMAS EVERYBODY HAPPY TURNING
- 18:47:31 From Kade Bolger, Woodturner to Everyone: yep.
- 18:47:55 From Kade Bolger, Woodturner to Everyone: Merry Christmas
- 18:49:00 From Gerald Jensen to Everyone:

 If you put the T-nuts in from the other side, you don't need to epoxy them.
- 18:52:36 From Kade Bolger, Woodturner to Everyone:
 Join me for my next Live Interactive Remote Demo, Turn a Box
 with a Heart Shaped Finial. Just in time for Valentine's day.
 Details and Register at
 https://www.kadebolger.com/shop/interactive-remote-demonstration-box-with-heart-shaped-finial
- 18:52:57 From Bob Grinstead Mansfield, TX. to Everyone: Thanks Matt lots of ideas
- 18:53:09 From Kade Bolger, Woodturner to Everyone: Thanks Matt.

- 18:53:14 From Waukeene Vinson, CC, Texas to Everyone: thanks Matt, very interesting
- 18:53:21 From Scott Tague Wisconsin to Everyone: Thanks Matt
- 18:53:26 From Dane Chandler -Tucson AZ to Everyone: thank you Matt!
- 18:53:47 From Kade Bolger, Woodturner to Everyone:
 Merry Christmas and Happy New Year all!
- 18:53:47 From Dean Grimes TX to Everyone: Thanks Matt
- 18:53:47 From jim selby jacksonville fl to Everyone: good meeting night all
- 18:53:57 From Matt Harber to Everyone:

 My pleasure. It's fun to make these, and very useful. I am looking forward to seeing what you all do with this demo...
- 18:54:07 From Tim Hatch TX to Everyone:
 Thanks Matt a wealth of Knowledge as always
- 18:54:34 From Doug Miller in N KY to Everyone:

 I have a video of turning the ornament on my YouTube channel.
 The link is https://youtu.be/jP80_yVDp5k.
- 18:54:42 From Lan Brady to Everyone: thanks to Matt and John. Both were great demos
- 18:56:56 From Doug Miller in N KY to Everyone:
 I should have a short video of the candle holder on YouTube either tomorrow or Friday at the latest.
- 18:58:44 From Bob Grinstead Mansfield, TX. to Everyone: lowes have the knobs too
- 18:59:36 From David j Edwards Michigan to Everyone: Good night everyone
- 19:00:31 From Brent Sobotka, Wyoming to Everyone: Merry Christmas. Good Night!
- 19:00:48 From Dan Summers Columbus OH to Everyone: Merry Christmas
- 19:01:01 From Dave Rhodes Crescent City to Everyone: night all