



# Great Falls Woodturners Newsletter

[www.gfturners.org](http://www.gfturners.org)

Volume 6, Number 1

August 2014

## Great Falls Woodturners Club Officers

President: Sam ampedro  
Vice President: Chuck Kuether  
Treasurer: David Stratton  
Secretary: Marian Stratton  
Director: Tom Krajacich  
Director: Wayne Petrini  
Director: Barry Rockwell  
Director: Paul Snyder

## Have You RSVP'd Yet ?

Club Picnic September 6<sup>th</sup>  
See enclosed flyer  
Call Sam @ 761-4145

## Club Membership Renewal

For those of you that renew your membership during the period of August 1<sup>st</sup> and September 6<sup>th</sup> (at the club picnic), you will receive a free CD with a number of woodturning documents that are very informative.

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## Club Demonstrations

### Roger Wayman – August 2<sup>nd</sup>

On August 2<sup>nd</sup> **Roger Wayman** started out the excellent demonstration with an overview of the Easy Wood Tools Chuck. The relatively new chuck can change jaws in a matter of seconds as demonstrated by Roger. It would be great if all chucks were that easy and quick to change jaws.



Roger then provided us with an excellent demonstration of making Jewelry from scraps of wood.

He started with explaining the jam chucks he uses and the importance of drilling a hole through the jam chuck for ease of removing the piece of jewelry from the chuck.

Then he described using scraps of any kind of wood, his being zebra wood, you feel that would make a piece worthy of hanging around a neck or wrist.



One cool trick he used was using a piece of bathroom tissue (also known as potty paper) slightly moistened to ensure the piece being turned fit snugly into the jam chuck. It was then relatively easy to remove the turned piece.



After turning the piece and putting a homemade cocktail finish on the piece he presented it to our Great Club Secretary, Marian Stratton who immediately put it on and wore it home.

Thanks Roger for a great demo!

## Club Meeting Schedule & Demonstrations

- |              |   |
|--------------|---|
| *Sat Aug 16  | Demo – Kelly Treat  |
| *Sat Sep 6   | Club Picnic Noon to 5 PM (see flyer)  |
| **Sat Sep 20 | Demo – Paul Snyder – Segmented letters in a bowl                                    |
| *Tues Oct 7  | Meeting and Demo – Tom Krajacich – Duck & Goose Call                                |
| **Sat Oct 18 | Demo – Rich Charlson & Kelly Treat  |
| *Wed Nov 5   | Meeting (Change due to Election Day on Nov 4 <sup>th</sup> ) - Demo – Ken Quaschnik |
| **Sat Nov 15 | Demo - Sam Sampedro   |
| *Tues Dec 2  | Meeting and Demo – Jay Eklund   |

There is no 3<sup>rd</sup> Saturday of the Month Meeting in December since it's too close to Christmas

\* 6:30 PM

\*\* 12:30

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## Perpetual Bowl

The 'Perpetual Bowl' turned by **David Stratton** was won by **Dave Manix** and he has the pleasure of providing the perpetual bowl for the October 2014 meeting.



Perpetual Bowl – David Stratton

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## Educational Tip – Roger Wayman

Want to review on how to turn a natural edged bowl? Take a look at the following site for another approach to turning a natural edged bowl.

<https://www.youtube.com/watch?v=4jIK2C6kfO8>

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## Shop Tip – Paul Snyder

Paul has found a Tapered Polygon Miter Cut Table that creates a bowl. Please see the following internet site and view the Table further into this newsletter. You can print the table for your use.

Paul made a bowl using  $\frac{3}{4}$ " lumber, but decided to use thicker lumber in future bowls for ease of turning for more flexibility in design. However, for just a plain bowl,  $\frac{3}{4}$ " is OK.

[https://www.youtube.com/watch?v=\\_CRJsn\\_pQ7Q](https://www.youtube.com/watch?v=_CRJsn_pQ7Q)

Also....

<http://woodgears.ca/miter/>

And....

<http://woodgears.ca/lathe/bowl.html>

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**Editor's Comment:** My thanks to the following individuals who helped with the content of this newsletter:

**Roger Wayman**  
**Paul Snyder**



# *Photos of the Instant Gallery*

(Great Photos by Paul Snyder)



**Barry Rockwell**



**Ken Quaschnik**



**Ken Quaschnik**



**Ken Quaschnik**



**Roger Wayman**



Roger Wayman



Roger Wayman



Tom Krajacich



Roger Wayman



Tom Krajacich



Tom Krajacich





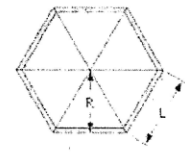
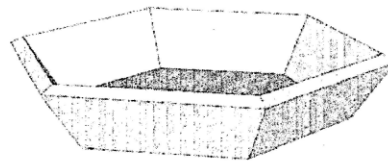
Tom Krajacich



Ben & Terry Hill

# Tapered polygon miter cut table

Use this table to determine the miter saw miter and tilt angle for making tapered regular polygons.  
For more, see <http://woodgears.ca/miter>



Number of sides --> Flat miter angle	3 60 deg	4 45 deg	5 36 deg	6 30 deg	8 22.5 deg	10 18 deg	12 15 deg
L/R	3.4641	2	1.45309	1.1547	0.82843	0.64984	0.5359
Side outward tilt from vertical	Miter Tilt	Miter Tilt	Miter Tilt	Miter Tilt	Miter Tilt	Miter Tilt	Miter Tilt
0	0.00 60.00	0.00 45.00	0.00 36.00	0.00 30.00	0.00 22.50	0.00 18.00	0.00 15.00
2	3.46 59.94	2.00 44.97	1.45 35.97	1.15 29.98	0.83 22.49	0.65 17.99	0.54 14.99
4	6.89 59.76	3.99 44.86	2.90 35.90	2.31 29.92	1.66 22.44	1.30 17.95	1.07 14.96
5	8.58 59.62	4.98 44.78	3.62 35.84	2.88 29.87	2.07 22.41	1.62 17.93	1.34 14.94
6	10.26 59.46	5.97 44.69	4.34 35.77	3.45 29.82	2.48 22.37	1.95 17.90	1.60 14.92
8	13.55 59.05	7.92 44.45	5.77 35.60	4.59 29.68	3.30 22.27	2.59 17.82	2.14 14.85
10	16.74 58.53	9.85 44.14	7.19 35.37	5.73 29.50	4.11 22.14	3.23 17.72	2.66 14.77
12	19.80 57.90	11.75 43.76	8.59 35.10	6.84 29.28	4.92 21.98	3.86 17.59	3.19 14.66
14	22.73 57.17	13.60 43.32	9.97 34.77	7.95 29.02	5.72 21.80	4.49 17.45	3.71 14.54
15	24.15 56.77	14.51 43.08	10.65 34.59	8.50 28.88	6.12 21.69	4.81 17.37	3.97 14.48
16	25.52 56.35	15.41 42.82	11.32 34.40	9.04 28.73	6.51 21.58	5.12 17.28	4.22 14.41
18	28.16 55.45	17.17 42.26	12.65 33.99	10.12 28.39	7.29 21.34	5.73 17.09	4.73 14.25
20	30.64 54.47	18.88 41.64	13.95 33.53	11.17 28.02	8.06 21.08	6.34 16.88	5.24 14.08
22	32.98 53.41	20.54 40.97	15.23 33.02	12.20 27.62	8.82 20.78	6.94 16.65	5.73 13.88
24	35.16 52.29	22.13 40.24	16.46 32.48	13.22 27.18	9.56 20.46	7.53 16.40	6.22 13.68
25	36.20 51.71	22.91 39.86	17.07 32.19	13.71 26.95	9.93 20.29	7.82 16.26	6.46 13.57
26	37.21 51.11	23.67 39.46	17.67 31.89	14.20 26.71	10.29 20.12	8.11 16.13	6.70 13.45
28	39.12 49.88	25.15 38.63	18.83 31.26	15.17 26.20	11.00 19.75	8.67 15.83	7.17 13.21
30	40.89 48.59	26.57 37.76	19.96 30.60	16.10 25.66	11.70 19.35	9.23 15.52	7.63 12.95
32	42.55 47.26	27.92 36.85	21.06 29.90	17.01 25.09	12.38 18.94	9.77 15.19	8.08 12.68
34	44.08 45.89	29.21 35.89	22.11 29.16	17.89 24.49	13.04 18.50	10.30 14.84	8.52 12.39
35	44.81 45.19	29.84 35.40	22.62 28.78	18.32 24.18	13.36 18.27	10.56 14.66	8.74 12.24
36	45.51 44.48	30.45 34.89	23.12 28.39	18.75 23.86	13.68 18.03	10.81 14.48	8.95 12.09
38	46.84 43.03	31.62 33.86	24.10 27.59	19.57 23.20	14.31 17.55	11.31 14.09	9.37 11.77
40	48.07 41.56	32.73 32.80	25.03 26.76	20.36 22.52	14.91 17.05	11.80 13.69	9.77 11.44
42	49.21 40.06	33.79 31.70	25.93 25.90	21.12 21.81	15.49 16.52	12.27 13.28	10.16 11.09
44	50.27 38.53	34.79 30.57	26.78 25.01	21.85 21.08	16.05 15.98	12.72 12.84	10.54 10.73
45	50.77 37.76	35.26 30.00	27.19 24.56	22.21 20.70	16.32 15.70	12.94 12.62	10.73 10.55
46	51.25 36.98	35.73 29.42	27.59 24.10	22.55 20.32	16.59 15.42	13.16 12.40	10.91 10.36
48	52.16 35.41	36.62 28.24	28.37 23.16	23.22 19.55	17.11 14.84	13.57 11.93	11.26 9.97
50	53.00 33.83	37.45 27.03	29.10 22.20	23.86 18.75	17.60 14.24	13.98 11.46	11.60 9.58
52	53.77 32.22	38.24 25.81	29.79 21.22	24.46 17.93	18.08 13.63	14.36 10.97	11.92 9.17
54	54.49 30.60	38.97 24.56	30.45 20.21	25.04 17.09	18.53 13.00	14.73 10.47	12.23 8.75
55	54.82 29.78	39.32 23.93	30.76 19.70	25.31 16.67	18.74 12.68	14.90 10.21	12.38 8.54
56	55.15 28.97	39.66 23.29	31.06 19.19	25.58 16.24	18.95 12.36	15.08 9.95	12.52 8.32
58	55.75 27.32	40.30 22.01	31.64 18.15	26.09 15.36	19.35 11.70	15.41 9.42	12.80 7.88
60	56.31 25.66	40.89 20.70	32.18 17.09	26.57 14.48	19.73 11.03	15.72 8.89	13.06 7.44
62	56.82 23.99	41.44 19.39	32.68 16.02	27.01 13.58	20.09 10.35	16.01 8.34	13.31 6.98
64	57.28 22.31	41.95 18.06	33.15 14.93	27.43 12.66	20.42 9.66	16.28 7.79	13.54 6.51
65	57.50 21.47	42.19 17.39	33.36 14.38	27.62 12.20	20.58 9.31	16.41 7.50	13.65 6.28
66	57.71 20.62	42.41 16.71	33.57 13.83	27.81 11.73	20.73 8.95	16.53 7.22	13.75 6.04
68	58.09 18.93	42.84 15.36	33.97 12.72	28.16 10.80	21.01 8.24	16.77 6.65	13.95 5.56
70	58.43 17.23	43.22 14.00	34.32 11.60	28.48 9.85	21.27 7.52	16.98 6.07	14.13 5.08
72	58.74 15.52	43.56 12.62	34.64 10.47	28.77 8.89	21.50 6.79	17.17 5.48	14.30 4.59
74	59.01 13.81	43.87 11.24	34.93 9.32	29.03 7.92	21.71 6.05	17.35 4.89	14.44 4.09
75	59.13 12.95	44.01 10.55	35.06 8.75	29.15 7.44	21.81 5.68	17.42 4.59	14.51 3.84
76	59.25 12.09	44.14 9.85	35.18 8.18	29.26 6.95	21.90 5.31	17.50 4.29	14.57 3.59
78	59.45 10.37	44.37 8.45	35.40 7.02	29.45 5.97	22.06 4.56	17.63 3.68	14.69 3.08
80	59.62 8.65	44.56 7.05	35.58 5.86	29.62 4.98	22.19 3.81	17.74 3.08	14.78 2.58
82	59.76 6.92	44.72 5.65	35.73 4.69	29.76 3.99	22.30 3.05	17.84 2.46	14.86 2.06
84	59.86 5.19	44.84 4.24	35.85 3.52	29.86 3.00	22.39 2.29	17.91 1.85	14.92 1.55
85	59.91 4.33	44.89 3.53	35.90 2.94	29.91 2.50	22.42 1.91	17.94 1.54	14.95 1.29
86	59.94 3.46	44.93 2.83	35.93 2.35	29.94 2.00	22.45 1.53	17.96 1.24	14.97 1.03
88	59.98 1.73	44.98 1.41	35.98 1.18	29.98 1.00	22.49 0.77	17.99 0.62	14.99 0.52
90	60.00 0.00	45.00 0.00	36.00 0.00	30.00 0.00	22.50 0.00	18.00 0.00	15.00 0.00

TABLE 1  
SAW

# Great Falls Woodturners

## Fourth Annual Family Picnic

September 6, 2014

Noon until 5 PM

Burgers, hot dogs, sodas, & water will be provided. Please bring a hors d'oeuvre, hot dish, salad, or dessert to share.

**Family & Friends Are Welcome**

### Location:

Barry Rockwell's House  
22 Cox Creek Lane, Cascade

Take I-15 south to Exit 244, then go south on the Recreation Road 2.3 miles to Cox Creek Lane. Go up the hill to the 1<sup>st</sup> house on the right, a brick house.

Please RSVP to Barry Rockwell by August 1, 2014  
468-9857 or [barryrockwell@aol.com](mailto:barryrockwell@aol.com)

Or

Sam Sampetro  
761-4145 or [csampetro@bresnan.net](mailto:csampetro@bresnan.net)  
August 1st – 23<sup>rd</sup> 2014



2014 Turning Club Meetings & Demos  
Great Falls Woodturners  
2014 Turning Club Meetings/Demos

Sat Aug 16	12 to 4 PM	Demo – Kelly Treat
Sat Sep 6	12 to 5 PM	Club Picnic - Noon to 5 PM at Barry's Place
Sat Sep 20	12 to 4 PM	Demo – Paul Snyder – Segmented letters in a bowl
Tues Oct 7	6:30 to 9 PM	Meeting and Demo – Tom Krajacich – Duck & Goose Call
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Sat Nov 15	12 to 4 PM	Demo - Sam Sampedro
Tues Dec 2	6:30 to 9 PM	Meeting and Demo – Jay Eklund

# Yellowstone Woodturners

Invites you to join us at our event-

**Yellowstone Woodturners  
Symposium 9  
Featuring: Kip W. Christensen**

August 23-24, 2014

Roaring 20'S Auto Clubhouse  
7400 Grand Avenue  
Billings, Montana

*"Everything you always wanted to know about woodturning but  
were afraid to ask."*

**Please RSVP to reserve your spot.**

[Click here for registration information:](#)

Regards,

Stan Lambert  
(406) 348-3499  
stanjan504@yahoo.com

# **Video Demo Recordings Available for Purchase (\$5.00 each for Members, \$10.00 each for Non-Members)**

1	Making a hollow ornament	Gordon Heikens	9-26, 10-3-2009
2	Turning a square edged bowl	Gordon Heikens	9-12 & 19, 2009
3	Scoop & Goblet	Gordon Heikens	10-10-2009
4	Spoon & Lidded Box	Gordon Heikens	10-17-2009
5	Plate & 4 Blade Screwdriver	Gordon Heikens	10-24-2009
6	Finishing & Buffing	Chuck Kuether	11-3-2009
7	Birch bowl turned on a screw chuck & jam	Chuck Kuether	11-7-2009
8	Christmas Ornament from 4" block	Chuck Kuether	11-14-2009
9	Hollowing alternative / Tree ornament	Lloyd Taylor/Chuck Kuether	11-21-2009
10	Bud Vase	George Gelernter	12-5-2009
11	Segmented Bowl, pattern-layout	Rich Charlson	1-16-2010
12	Segmented Bowl, base assembly	Rich Charlson	1-23-2010
13	Segmented Bowl, wall construction	Rich Charlson	1-30-2010
14	Segmented bowl, final turning	Rich Charlson	2-6-2010
15	Club Segmented Bowl #1	Rich Charlson	2-13-2010
16	Club Segmented Bowl #2	Rich Charlson	2-20-2010
17	Club Segmented Bowl #3	Rich Charlson	2-27-2010
18	Club Segmented Bowl #4	Rich Charlson	3-6-2010
19	Center Saver	Lloyd Taylor/Chuck Kuether	3-13-2010
20	Suction Fit Lidded Box	Randy Gazda	3-20-2010
21	Making and Using an Oland Tool	Tom Krajacich	4-10-2010
22	Off-center Turning	Cecil Walborn	4-24-2010
23	Vase & Stemware Bases, Scoop	Gordon Heikens	5-22-2010
24	Sharpening Tools	Gordon Heikens/Chuck	8-14-2010
25	Spindle & Bowl Basics	Gordon Heikens/Chuck	8-21-2010
26	Natural-edge Bowl	Barry Rockwell	8-28-2010
27	Selling on Ebay	Barry Rockwell	9-7-2010
28	More Bowl Basics	Chuck Kuether/Gordon	9-11-2010
29	Gifts & Finials	Gordon Heikens	10-23-2010
30	Thread Chasing	Barry Rockwell	11-2-2010
31	Pencil Pots	Lloyd Taylor	11-13-2010
32	Bread Knife	Randy Gazda	12-11-2010
33	Caragana Bowl #1	Rich Charlson	2- 2011



34	Caragana Bowl #2	Rich Charlson	2-2011
35	Winged Bowl	Gordon Heikens	8-2-2011
36	Off-center Duck	Chuck Kuether	8-20-2011
37	Making your own tools (unavailable at this time)	Barry Rockwell	10-5-2011
38	Icicles	Sam Sampedro	10-22-2011
39	Bowl Roughing	Barry Rockwell	10-22-2011
40	Mushroom Birdhouse Ornament	Barry Rockwell	11-1-2011
41	Multi-axis Turning & Miniatures	Cecil Walborn	11-19-2011
42	How to Safely Mount Wood on The Lathe	Jerry Hall/Tom Krajacich/Sam	12-6-2011
43	Natural Edge Bowl	Sam Sampedro	2-14-2012
44	Creating Blocks for Feature Rings	Randy Gazda/Terry Hill	3-3-2012
45	Finishing Demonstration	Wayne Petrini	3-17-2012
46	Sharpening Demonstration	Sam Sampedro	3-17-2012
47	Box with Inlaid Lid	Chuck Kuether	4-3-2012
48	Wood Turned Bracelets	David Stratton	4-21-2012
49	Blind Box	Reb Bishop	5-1-2012
50	Basic Bowl	Chuck Kuether	5-19-2012
51	Creating with Resin and Scalloped (Fluted)	Barry Rockwell	6-5-2012
52	Pens and Bottle Stoppers	Bob Sobolik	7-10-2012
53	Tips from Gordon	Gordon Heikens	8-7-2012
54	Fence Post Twig Pot & Turning an Apple	Barry Rockwell	9-5-2012
55	Turned Wood Pendants	Chuck Kuether	9-15-2012
56	Birdhouse Ornaments	Sam Sampedro	10-27-2012
57	Candle Holder	Paul Snyder	11-17-2012
58	Inside-Out Turning	Reb Bishop	12-4-2012
59	Segmented Platter	Randy Gazda	12-15-2012
60	Bowl from a Board	Chuck Kuether	3-23-2013
61	Hybrid Bowl	Randy Gazda	4-2-2013
62	Turning a Square Bowl	Chuck Kuether	4-20-2013
63	Bowl Turning	Barry Rockwell	5-7-2013
64	Oval Goblet	Wayne Petrini	4-18-2013
65	Turning Corian	Arnie & Rich Owen	6-4-2013
66	Tool Making	Stumpy & Splinter	7-13-2013
68	Sharpening	Sam Sampedro	9-3-2013
69	Vase with Natural Bark	Wayne Petrini	10-1-2013
70	Sea Urchin Ornament	Sam Sampedro	9-3-2013
71	Coloring	Kelly Great	11-16-2013

72	Symposium 2013 (\$20 for a set of 4 DVDs)	Mike Mahoney	9-20-21 2013
73	Miters for Stave Bowls	Kent Holtz	2-5-2013
74	Stool	Randy Gazda	3-15-2014
75	Corian Pen	Paul Snyder	3-14-2014
76	Eggs & Mushrooms	Jay Eklund	4-1-2014
77	Finishing a Rough Turner Bowl	Sam Sampedro	4-19-2014
78	Sharpening	Sam Sampedro	5-19-2014
79	Finishing	Wayne Petrini	5-19-2014
80	Turning a Dinner Plate	Barry Rockwell	6-3-2014
81	Jigs n Things	Club	6-21-2014
82	Jewelry from Scraps	Roger Wayman	8-2-2014

# Great Falls Woodturners Video Library

(These videos are available to check out at no cost)

New Additions to the Video Library are noted in RED on the first month of addition

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## Professional Turner's Videos

Mike Jackofsky – Making a Hollow Vessel – 2 discs

Lyle Jamieson – Bowl Basics The Easy Way – 2 discs

Lyle Jamieson – Hollow Forms The Easy Way

Mike Mahoney – Heirlooms: Making Things That Last

Mike Mahoney - On The McNaughton Center Saver

Mike Mahoney – Nested Madrone Bowl Set

Richard Raffan – The New Turning Wood with Richard Raffan

Malcolm Tibbetts – Lessons in Segmented Woodturning – Volume 2

Malcolm Tibbetts – Lessons in Segmented Woodturning Volume 5 – More Functional Projects

Segmented Woodturners, Arrowmont Symposium November 11–14, 2010

Chatter Tool Methods – A Complete Course with Ron Brown (Donated by Barry Rockwell)

## Manufacturer's Videos

Jet Mfg. – Lathe – Safety, operation, tools, sharpening, projects

Oneway Mfg. - The Wolverine Sharpening System

## Books

Lathe Fundamentals – Rick Peters – Popular Mechanics Workshop

The Art of Turned Bowls – Richard Raffin (Donated by Chuck Kuether)