

# Turning Point

A Publication of WorldWideWoodturners



Photographs obtained through WorldWideWoodturners.com

Wow! 2020 is getting off to a good start, with lots of input from our members. From program suggestions, to request for particular procedures on woodturning. But what surprised me is the current response to our request for photos of your work, your shop and your new toys for woodturning.

In the past two weeks we have received over 50 entries of woodturning art. The shop photos slacked off a little and photos of tools are almost non-existent. We'd still like to see your shop and any tools you received for the holidays. If you have a commentary on either, please include it.

I receive lots of calls from turners who are experiencing difficulty with turning or finishing.

This week I heard from a turner who roughed in a bowl on a woodworm screw. He rounded it out and added a tenon for holding. But when he turned it around and used his pointed center to align it, it didn't run right.

Not seeing the piece, I deduced that the point of the center did not find the true point of the turning.

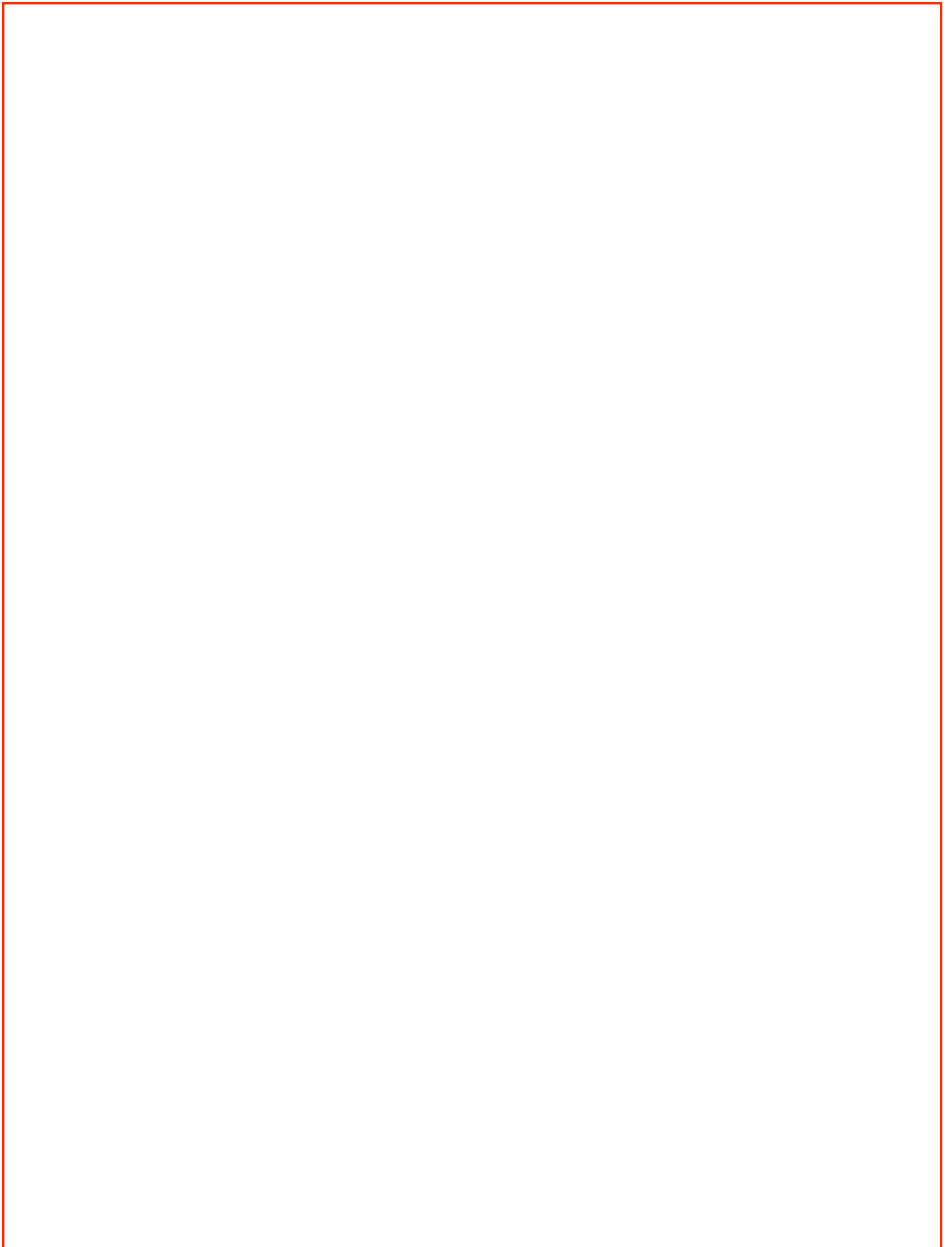
I suggested that he remove the center and use the shaft of the tailstock to align the turning. He will take the point out of the equation and find it a little simpler to mount the bowl.



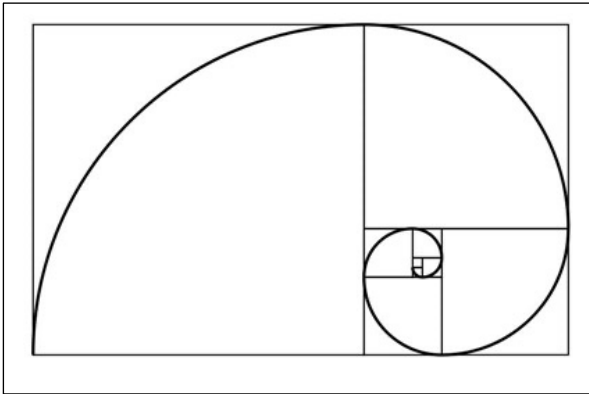
Jack Reynolds



Ron Radliff







## Is Phi just another desert?

When we design a bowl, jar, vase, stopper, etc. We often have to decide where to put the top, lid, separation, or accent mark. That's when we turn to the Golden Mean, a Greek formula handed down centuries ago. But there is an alternative method of estimating where that seam, top, width versus height, will appear on your piece.

Nothing is worse than a completed project which is not pleasing to the eye. And pleasing to the eye is what we all should be aiming for.

There is a Golden Mean section gauge which you can construct in your shop. I began by deciding that the longest legs would be 8 1/4". I then laid out the proper location of the holes based on this

number: **1 = 1.618033988749895 .**

Wow! That's a tricky formula, but let's simplify it to be 1" is equal to 1-5/8".

Using that formula and starting with 8-1/4" legs, allowing for 3/8" at the fastener end, you will get the following dimensions for layout.

The holes marked B, C, E and the spacing between B and G will be 3". All drilled and spaced exactly the same. (stacking or banding will get you this)

The length of the two longer legs will be 1.618 times the 3" spacing. That will be just under 8". This will give you a caliper capable of designing a work piece on your planning sheet, or on the lathe.

Many items we encounter in our day-by-day world include the size of business cards, legal pads, column spacing and more. All based on the **Fibonacci numbers or the Golden Mean.**

The more pleasant to the eye, the more the beauty of the work. And that's what it's all about.

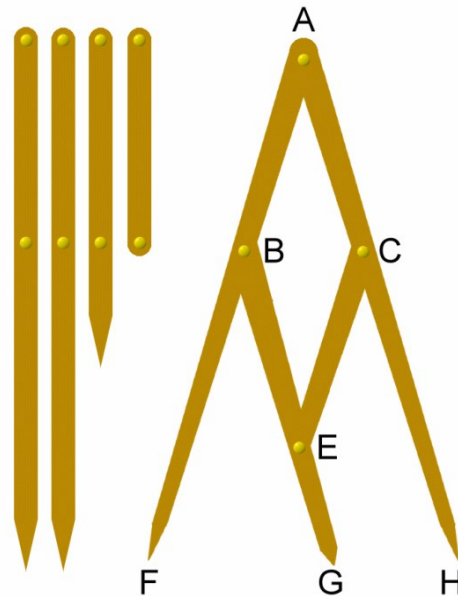
## Golden Section Gauge

AF = AH = 340mm

BG = 210mm

AB = AC = BE = CE = 130mm

EG = 80mm



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## Free Subscription

This newsletter is now available on YouTube. Because of distribution problems, I have opted to release it on three YouTube channels. That is after a member of our Advisory Team reformats it into a document small enough to post. If you know of a better way, please contact me at: [worldwidewoodturners@gmail.com](mailto:worldwidewoodturners@gmail.com)

The channels where it will be available are:

**World Wide Woodturners**

**Cap'n Eddie Castelin**

**Eddie Castelin**



Paul Kosinski



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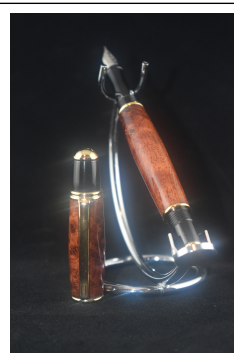
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Tom Vaneck



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