

# Creating Artwork for Engraving on Round Objects

Having the ability to engrave in 360 degrees allows you to expand your options when you think about what cool things you want engraved, or when your product needs require marking on a round surface.

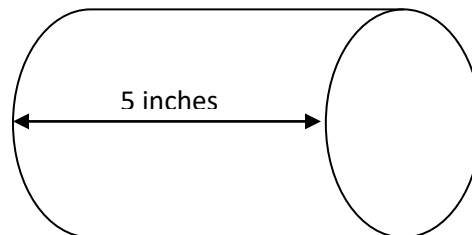
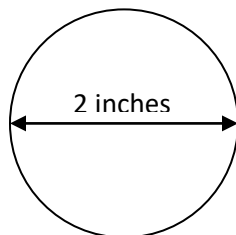
## I. Determine Page Size

The first step in printing on round objects is knowing the page size you are going to be working with. Figuring out the page height for a circular object is easily done by calculating the circumference of the object. No need to be intimidated by a little math. Follow the next two steps and you will have completed the page size requirement.

1. Page Height - Measure the diameter of the object being engraved and multiply that diameter by pi (**3.14**). (ex. 2" x 3.14)
2. Page Width - Measure the length of the object and your done! (ex. 5")

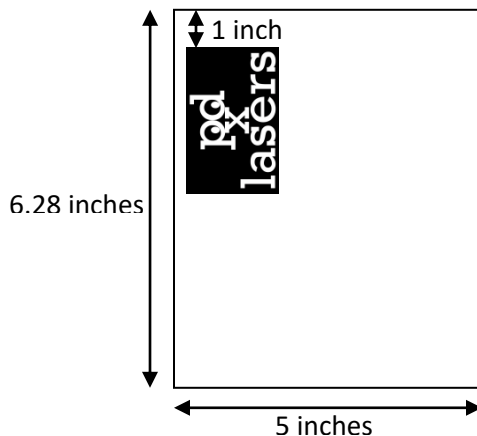
Page height -  $2 \times 3.14 = 6.28$  inches

Page width = 5 inches



## II. Artwork Placement

Align the art with the top of the page. By placing the artwork 1 inch from the top of the page the engraving process will rotate the object 1 inch and then begin engraving. Keep this in mind in case object doesn't have a consistent shape all the way around the circumference.



## III. Wrap-around Option

To achieve a wrap around effect you have to decide how many times the art will wrap around the object. If you want it to wrap around the object you would need to multiply your original page height by how many times you want to wrap around the object.

In this example you would take the original page height derived in step 1 above and choose to wrap the art 2 times around the object. Take page height **6.28** inches x **2** wrap arounds = **12.56** inch page height.