

# Osmun Horn Mouthpieces

Osmun mouthpieces are organized into "sound families", identified by the cities where they developed, to provide a logical path to choosing the right mouthpiece for you. Mouthpieces in each "family" share the same basic contours while offering different widths, depths, and bore sizes. All basic models share a .650" inner diameter at the joint. "W" models measure .675", so rims are fully interchangeable among families.

We currently offer four different basic models, each in two diameters, two depths, and with various bores. They are:

## London

Cup: The basic contour is made of two pronounced curves, concave leading to convex. This configuration produces the vibrant tone associated with the great British virtuosi.

Rim: The rim is of medium width with a moderate bite on the inner edge.

## Chicago

Cup: Similar to London, with gentler curves, slightly deeper and with a greater volume.

Rim: Very similar to London, with less bite. It is slightly narrower at the crown, making it feel a little smaller.

## New York

Cup: Very deep. The almost straight contour results in enormous volume. It is best suited for large-bell instruments.

Rim: Narrow, with a pronounced crown that drops away quickly to the inside.

## Vienna

Cup: The cup is formed from a single convex curve from the rim to the bore, forming a very deep mouthpiece but one with a smaller-than-average volume. It works well on both large and small instruments and has a warm and rich sound.

Rim: Narrow and rounded, with a high crown. Almost symmetrical.

Our mouthpieces are finished in silver plate with gold-over-silver rims.

For more information or to place an order, see us on the web at [www.osmun.com](http://www.osmun.com) or contact us at:

Osmun Music, 5 Forest St. Arlington, MA 02476  
781 646-5756, 800 223-7846 email: [sales@osmun.com](mailto:sales@osmun.com)

## Using this Database

This database contains copies of the actual computer files used to produce our mouthpieces, magnified by a factor of ten. Each cup and rim we make is shown in profile with indexing lines provided to allow them to be overlaid. For rims, we show the inner diameter (where it joins the cup), the outer diameter, and the diameter at the crown, or highest point. All of our rims are .100" in inner height. For cups, we show the depth (minus rim) and the inner diameter.

To use these drawings to compare mouthpieces it's probably easiest to print them onto thin paper and overlay them. Remember that all our standard cups and rims are .650" in inner diameter and all "W" cups and rims are .675". So, any standard rim will fit any standard cup and the same goes for "W" cups and rims.

## Designing your own mouthpiece

Our technology makes it feasible to modify our designs or to produce new ones very quickly. You can print out any sheet and mark any changes you want with a pencil. Since the drawings are all in 10X scale you can specify dimensions on the drawing and we can simply divide by 10 to reduce them to actual size.

Or, if you want, you can design your own mouthpiece from scratch. It's not a bad idea to start with an existing drawing as a reference point for the inner diameter and the throat. The biggest practical throat size is .250". The inner diameter can be just about whatever you want but larger sizes may require larger threads to accommodate them. If you want to be compatible with our stock sizes stick with .650 and .675.

Our standard length is 2.5" We have a variety of backbores and throat sizes available. We're happy to make what you want or to advise you as to the feasibility of your project.

## Osmun Horn Mouthpiece Price List

Cup or rim, each:	\$ 75
Complete mouthpiece:	\$125

Our mouthpieces are fit to a 0 Morse taper shank. The cups are plated with silver and the rims are gold-over silver. Our finishes are durable and are guaranteed for one year.

### Custom Mouthpieces

We can duplicate mouthpieces, modify our existing designs, or help you design a mouthpiece from scratch. You pay for the design work once: After the design has been added to our database you can have mouthpieces made from it at any time and pay the standard price.

### Custom Mouthpiece Services

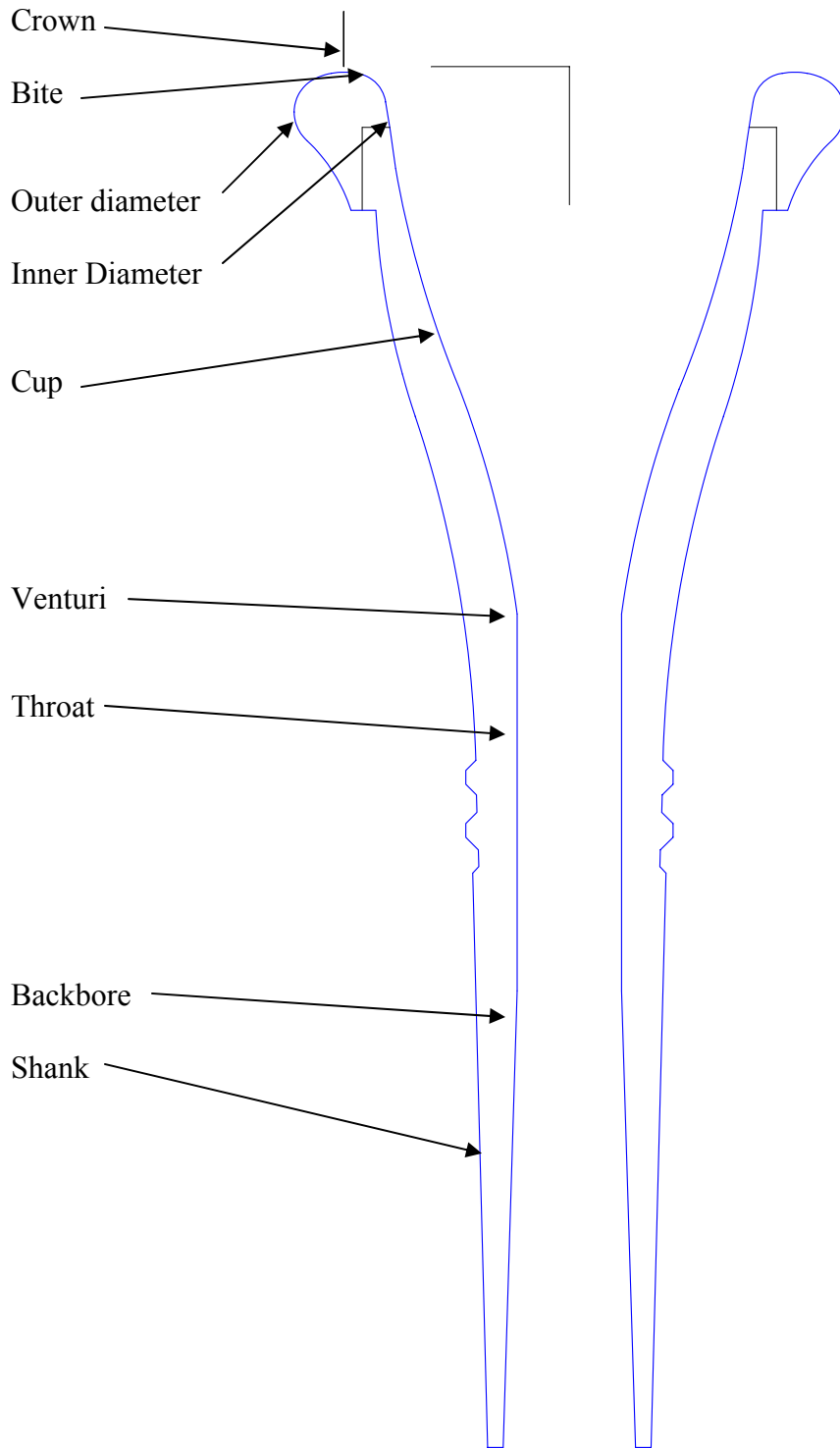
Digitize: We produce a digital image of your cup and rim in the form of a .dxf file that we can use to produce an exact copy.	\$ 75
Digitize without mouthpiece order	\$ 150
Copy outside shape	\$ 75
Copy of your mouthpiece file on CD-Rom or floppy.	\$ 15
Modify an existing design. You can use a pencil or a PC drawing program to make changes or combine features from different designs in our database.	\$ 25-50
Create a digital image from a drawing or sketch. Start with a blank sheet of paper or a PC drawing program and design your own mouthpiece. This is an interactive process. We'll work with you to make sure it works.	\$ 150

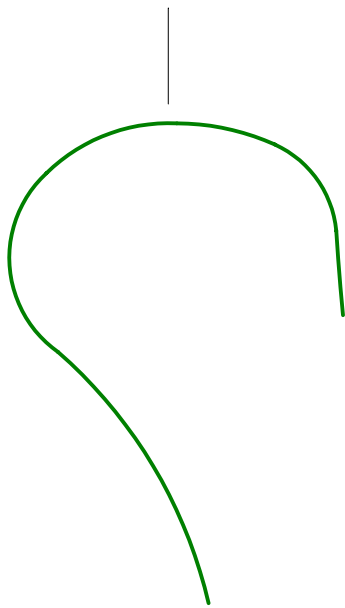
For more information or to place an order, see us on the web at [www.osmun.com](http://www.osmun.com) or contact us at:

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Arlington, MA 02476

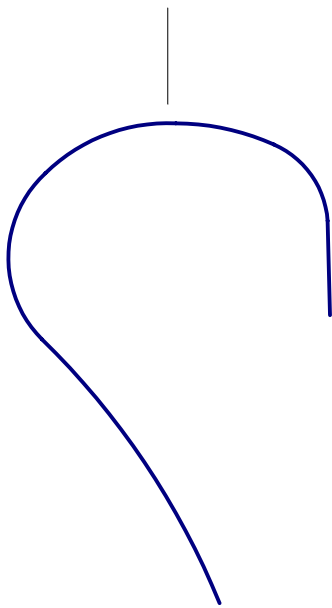
781 646-5756, 800 223-7846  
email: [sales@osmun.com](mailto:sales@osmun.com)

# Anatomy of a Mouthpiece

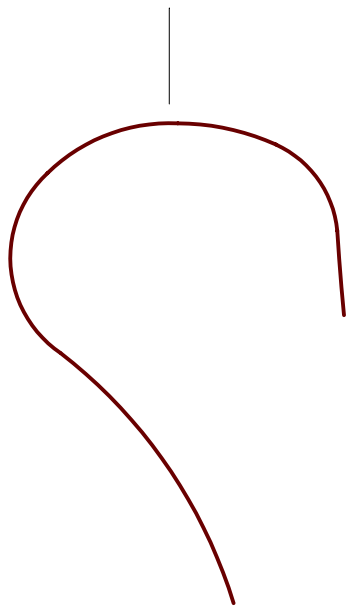




Osmun "London" Rim  
OD .998"  
ID .650"  
Crown .832"

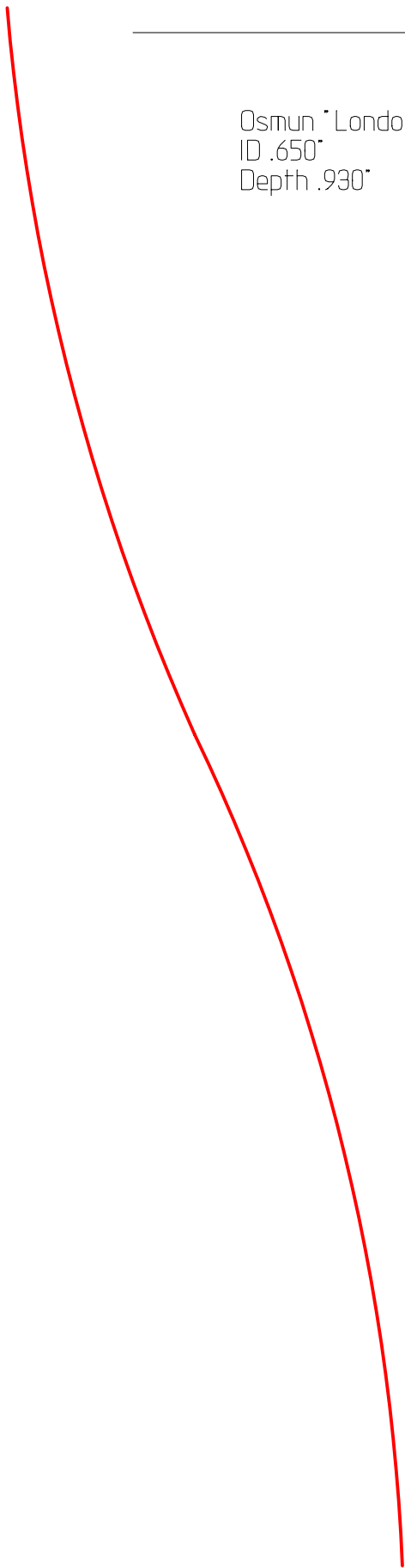


Osmun "MT" Rim  
Designed for Michael Thompson  
OD 1.010"  
ID .675"  
Crown .844"

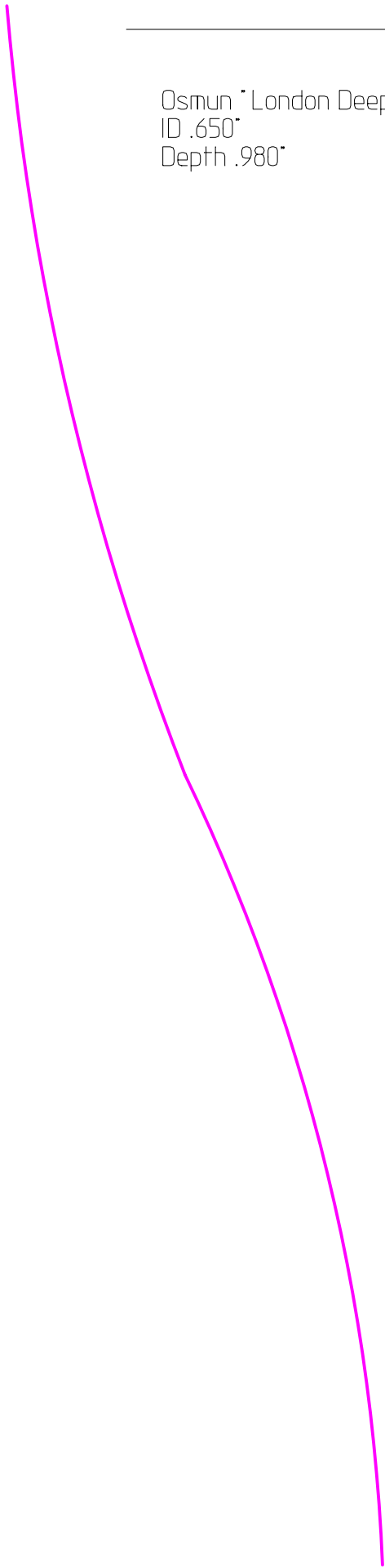


Osmun "London Wide" Rim  
OD 1.023"  
ID .675"  
Crown .857"

Osmun London Cup  
ID .650"  
Depth .930"



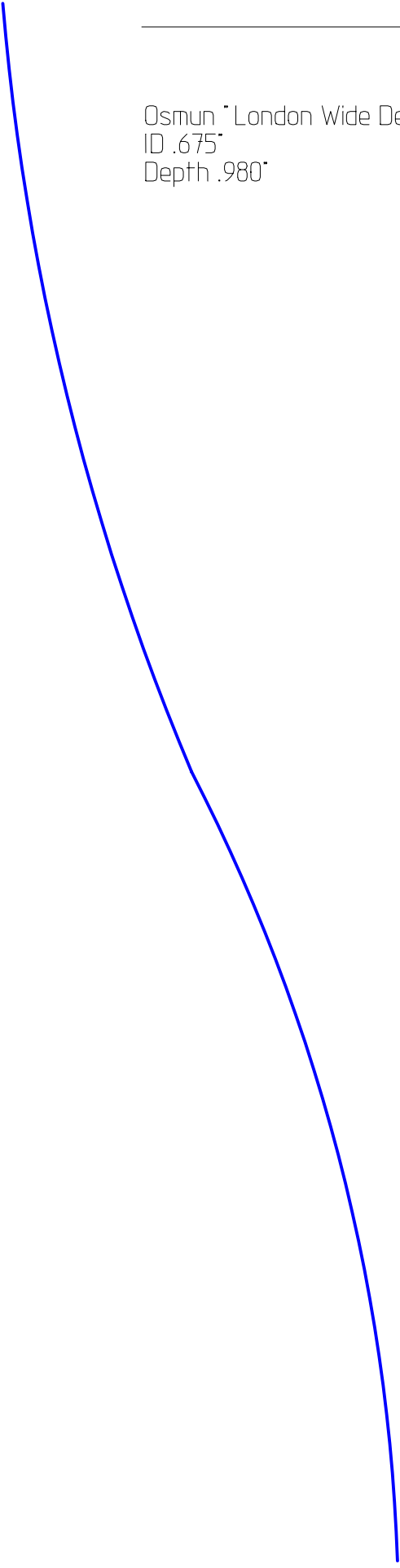
Osmun London Deep Cup  
ID .650  
Depth .980

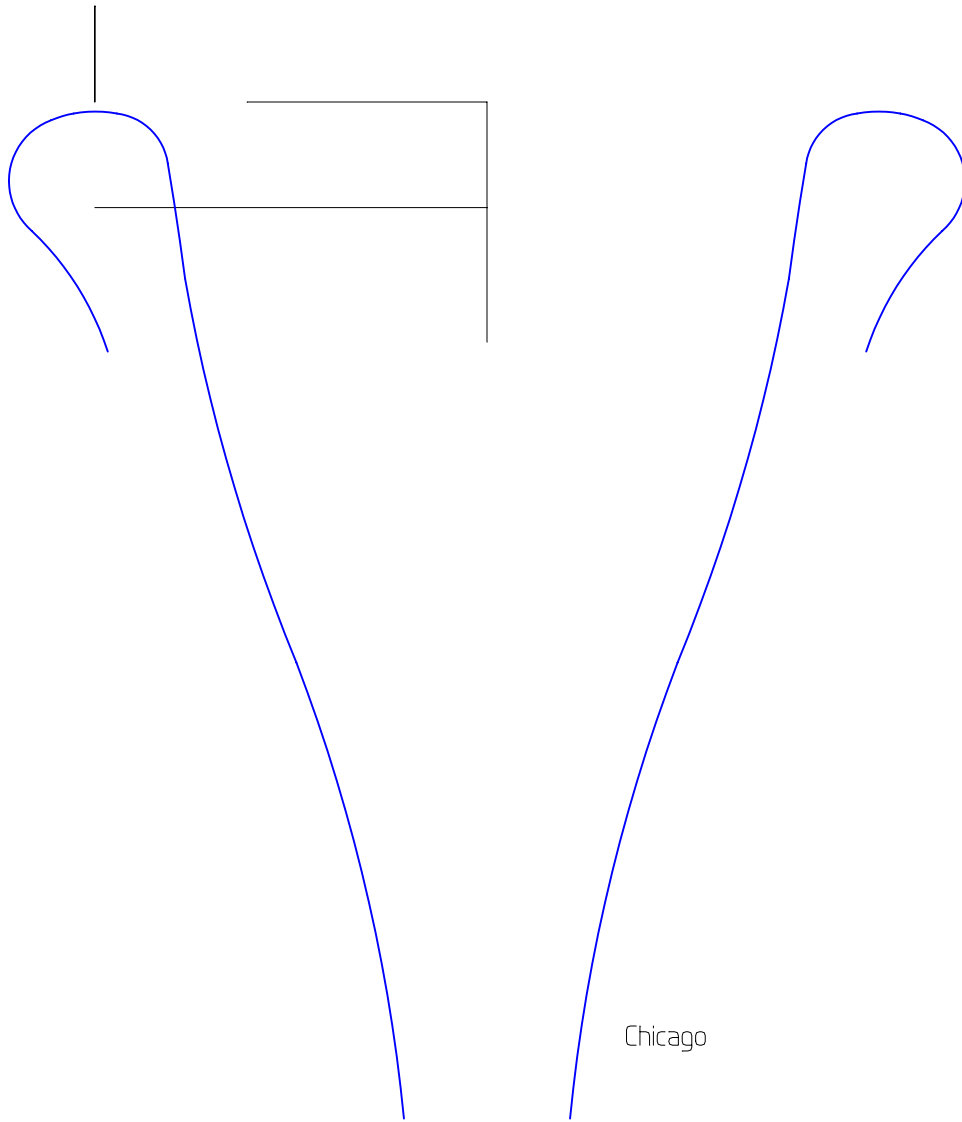


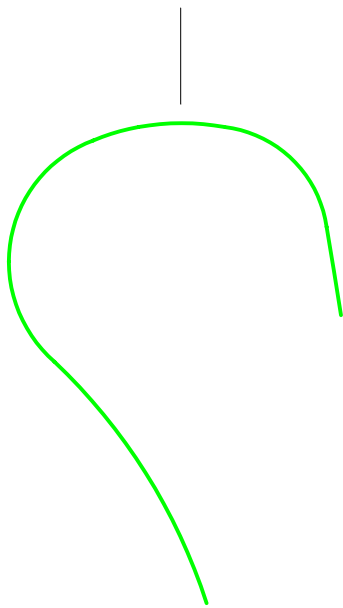


Osmun "London Wide" Cup  
OD .675"  
Depth .930"

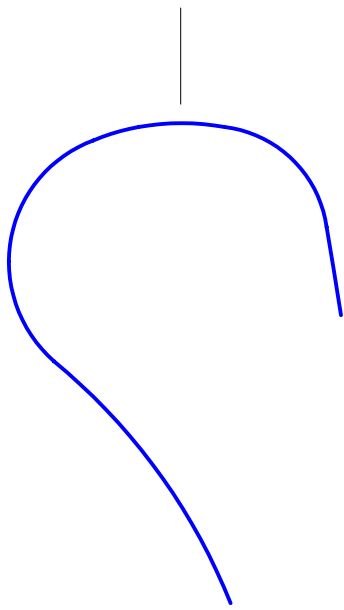
Osmun "London Wide Deep" Cup  
ID .675"  
Depth .980"







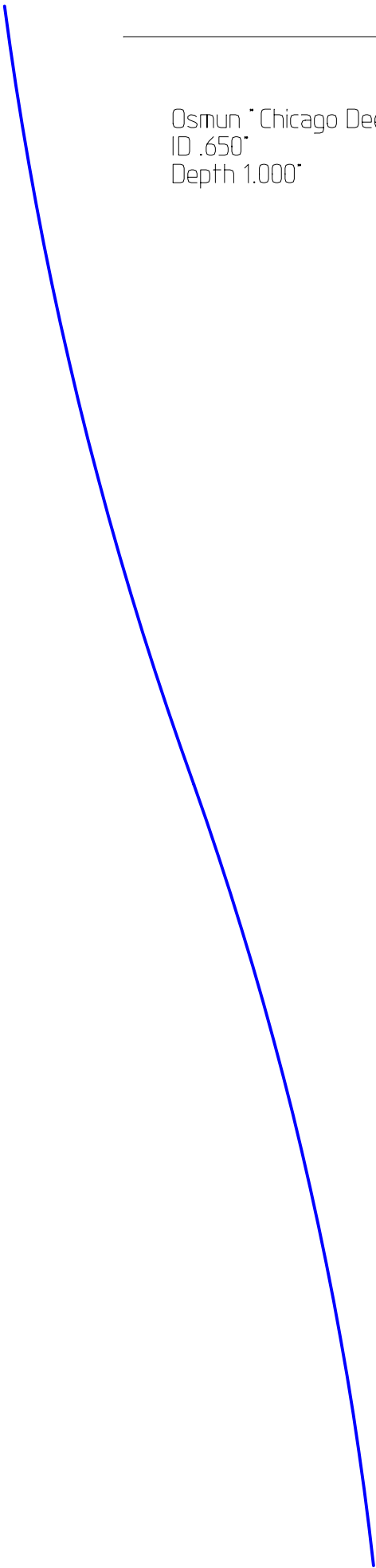
Osmun Chicago Rim  
OD .996"  
ID .650"  
Crown .816"

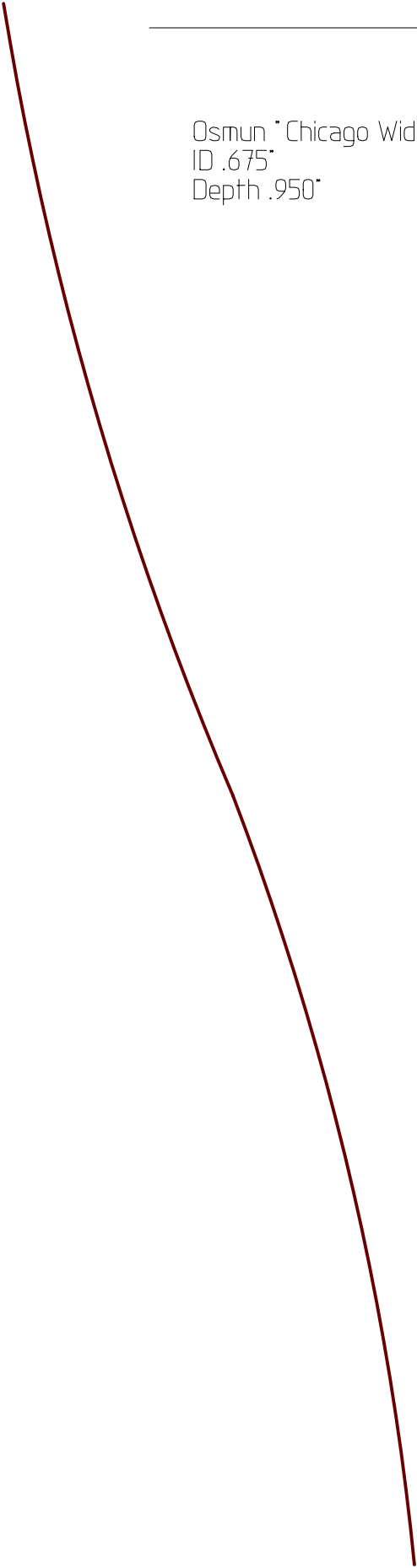


Osmun "Chicago Wide" Rim  
OD 1.021"  
ID .675"  
Crown .842"

Osmun Chicago Cup  
ID .650  
Depth .950

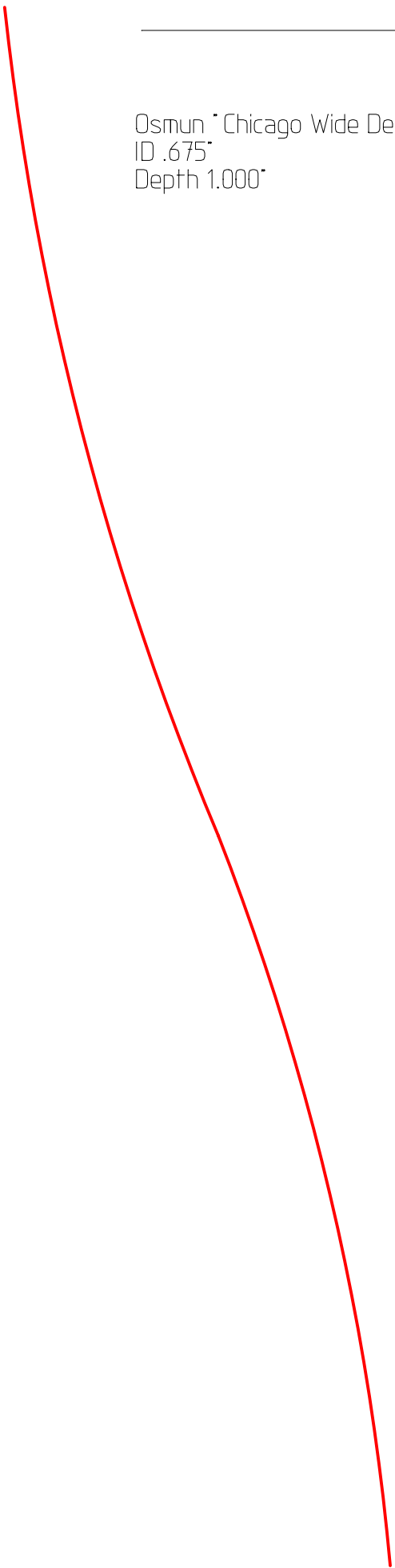
Osmun Chicago Deep Cup  
ID .650"  
Depth 1.000"

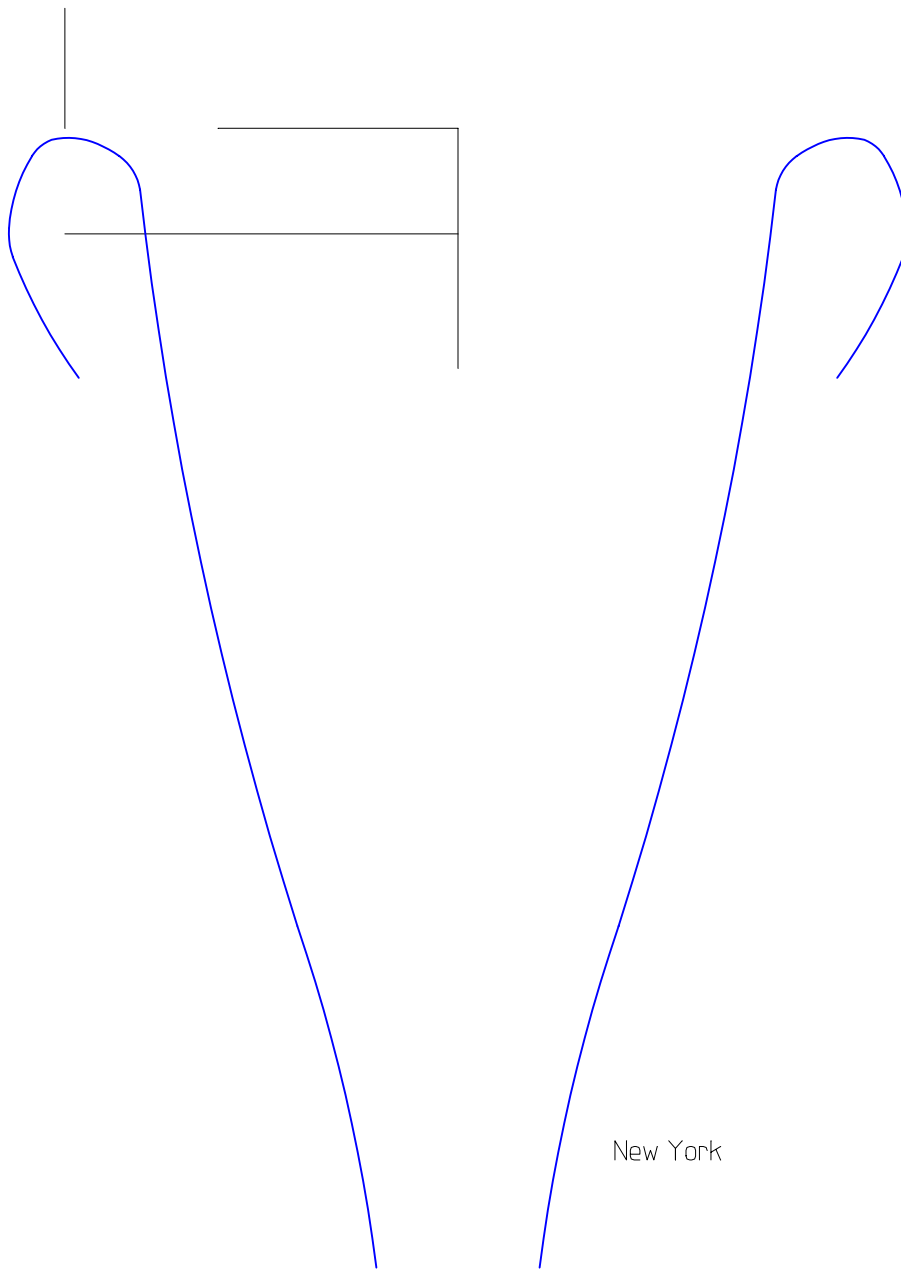




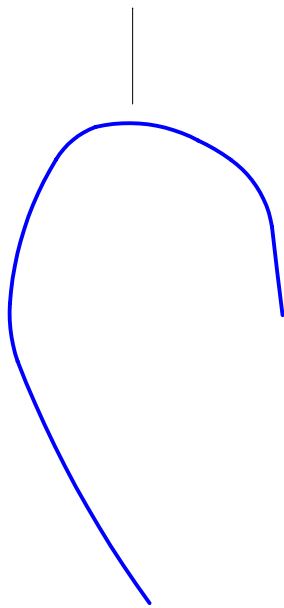
Osmon Chicago Wide Cup  
ID .675  
Depth .950

Osmun Chicago Wide Deep Cup  
ID .675  
Depth 1.000

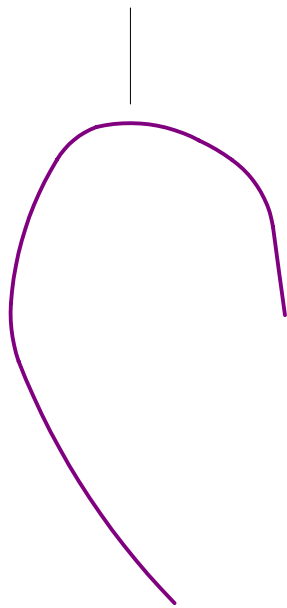




New York



Osmun "New York" Rim  
OD .936"  
ID .650"  
Crown .808"



Osmun "New York Wide" Rim  
OD .961"  
ID .675"  
Crown .836"

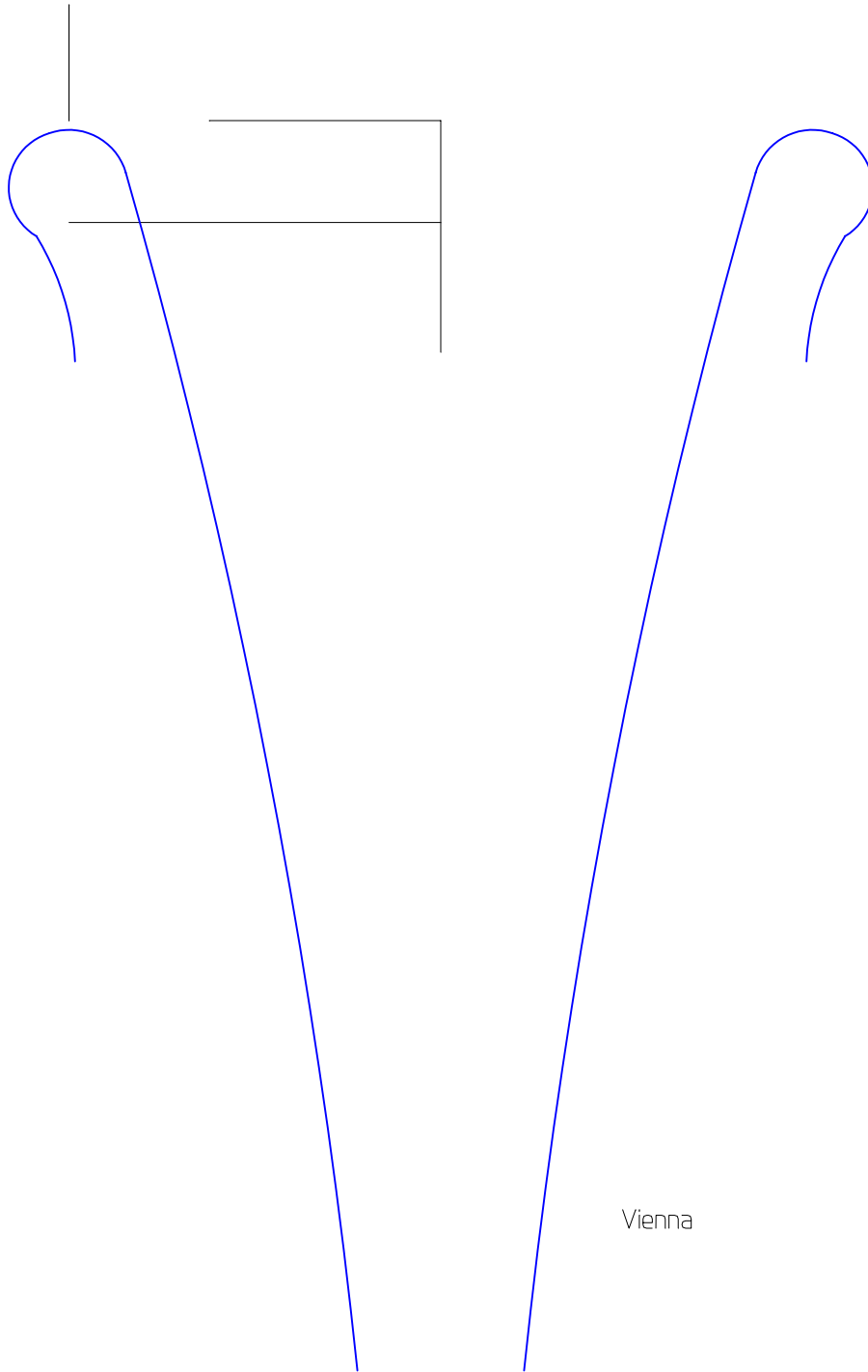
Osmun "New York" Cup  
ID .650"  
Depth 1.077"

Osmun "New York Shallow" Cup  
ID .650"  
Depth 1.027"

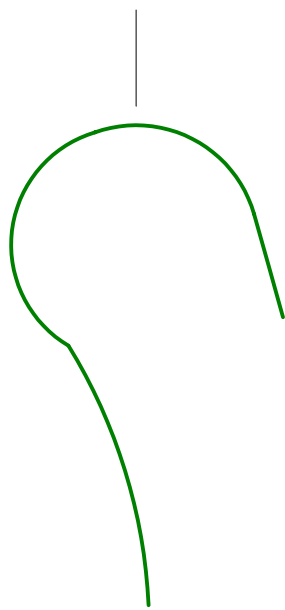


Osmun "New York Wide" Cup  
ID. 675  
Depth 1.077

Osmun "New York Wide Shallow" Cup  
ID .675"  
Depth 1.027"



Vienna



Osmun "Vienna" Rim  
OD .933"  
ID .650"  
Crown .803"



Osmun "Vienna Wide" Rim  
OD .958"  
ID .675"  
Crown .828"



Osmun Vienna Cup  
ID.650  
Depth 1.240



Osmun "Vienna Wide" Cup  
ID .675"  
Depth 1.240"