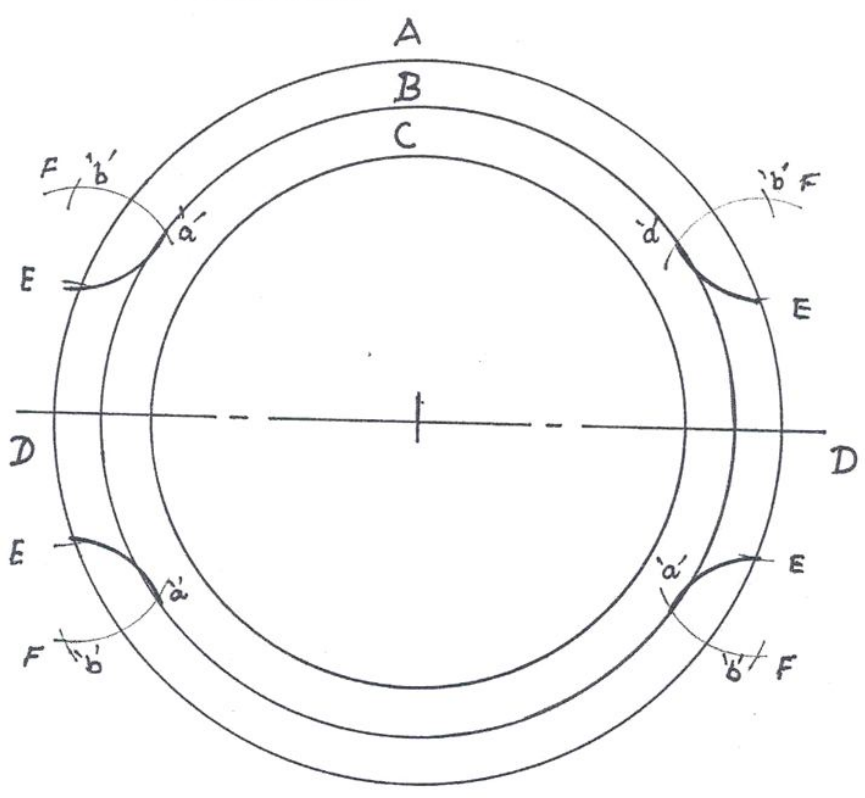


Tray With handles



- A = Tray Dia
- B = $\frac{A-C}{4} + C$ (radius) = "B" radius.
- C = $\frac{3}{4}A$ (surface of tray) eg A = 400 C radius = 150
- D = C radius set or A ϕ = width of handle
- E = A - C Tangent radius
- F = Tangent Centre. USE E on A as Centre

Draw Arc to Cross B at "a"
 From "a" Draw ARC crossing first arc at "b"
 using "b" as centre Draw Tangent

G. Remove waste with fine coping saw
 cleaned edges with file and sand

Note: 1

To Increase handle size use $C = \frac{2}{3}A$

OR
 Mark 2 points on "A" from $\phi = \frac{C \text{ radius}}{2} = E, E$
 using A-C radius, E as Centre Draw ARC
 where ARC crosses 'A' Draw 2nd Arc
 Draw line through Centre of ARCS.
 where this line crosses 'A' Draw Tangent.

eg. With "A" = 400 E.E = 100