Arcs 1M Exercise
Metric Measure
Level 1 Module 11

For more exercises, go to http//:www.micro-press.com/Resources.html

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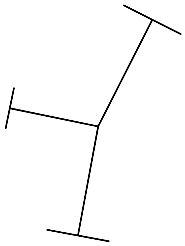
This exercise is best done after completing Module 10 of our MicroStation 2D Level 1 Training Manual.

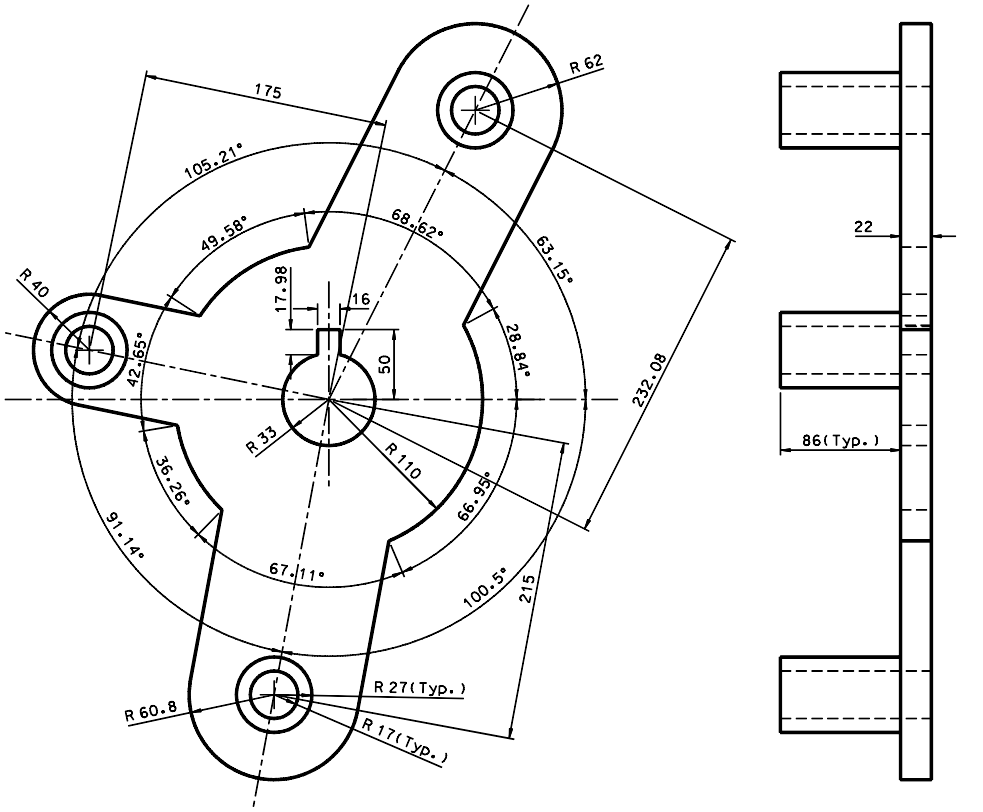
The drawing below shows the layout for an Anchor Plate. Do the following:

Open a new file called: Arcs1
Set Working Units to: mm, mm, so that you can work in millimeter units.
Make any other settings you think necessary (particularly Coordinate Readout).
Draw the plate to the dimensions shown (do not draw the dimensions).



Draw the front and right-side views of the plate, including all center lines, making full use of AccuDraw and the Place Arc tool. You will find that it is entirely possible to draw the entire object without needing editing tools (other than Delete Element). Place the three inside arcs first, then place the outer semicircular arcs on the three arms. To assist in placing the outer arcs, you might want to draw construction lines similar to those shown at the at the right.

Use AccuDraw's "O", SmartLock, and "N" keys to develop the Right-Side View from the Front View. Do not use construction lines to extend location information to the right!



Anchor Plate