

Step 1: Draw out the spring line and a perpendicular height line at the springline's midpoint.



Step 2: Draw a chord from point A to point $C$.


Step 3: Draw a perpendicular line from the midpoint of line AC that extends below the center of the spring line.


Step 5: Using point $D$ as a center, draw an arc with a radius of $A D / C D$ to close off the top of the arch.

