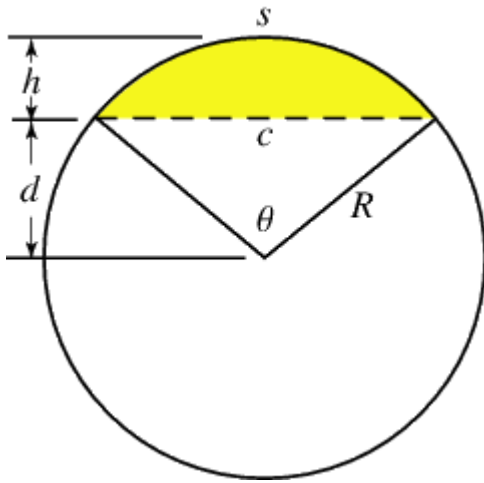


MEASUREMENTS



KEY:

S: ARC LENGTH

C: CHORD LENGTH

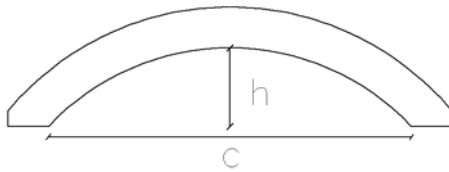
R: RADIUS

H: HEIGHT (OUTSIDE RADIUS TO CHORD MIDPOINT)

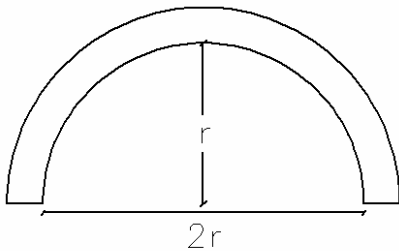
θ : IN RADIAN OR DEGREE

D: APOTHEM (DISTANCE FROM CHORD TO CENTER CIRCLE)

K: AREA

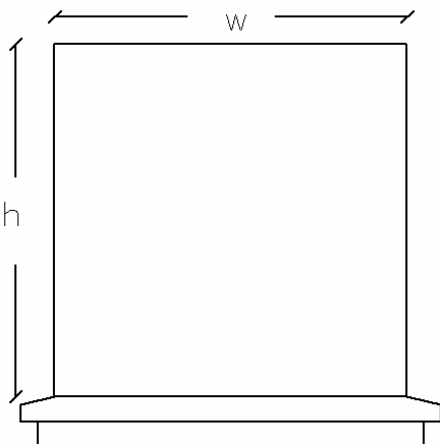


WHEN PLANNING ON ADDING AN ARCHITECTURAL FOAM SHAPE TO AN ARCHED WINDOW/DOORWAY OR TO ANY WALL WITH CURVATURE OF SOME SORT IT IS NECESSARY TO SUPPLY SFD WITH TWO OF THE LISTED MEASUREMENTS ABOVE IN ORDER TO CREATE THE PROPER SHAPE DESIRED. WITH THESE TWO MEASUREMENTS SFD WILL CALCULATE THE PROPER ARCH NEEDED TO CONFORM TO YOUR WALL.



THERE IS AN EXCEPTION WHEN THE ARCH BEING MEASURED IS A HALF CIRCLE. WHEN THE ARCH IS A HALF ROUND ARCH THE RADIUS OR THE DIAMETER (2R) WILL BE SUFFICIENT ENOUGH TO SUPPLY YOU WITH THE CORRECT ARCH.

HALF ROUND ARCH



WHEN MEASURING RECTANGULAR WINDOWS MEASURE THE EXACT HEIGHT "H" AND WIDTH "W" FROM OUTSIDE EDGE TO OUTSIDE EDGE OF THE DESIRED WINDOW. SFD THEN WILL DISCUSS WITH YOU THE CUSTOMERS PREFERRED OVERHANG ON SILLS ONCE THE MEASUREMENT IS ESTABLISHED.