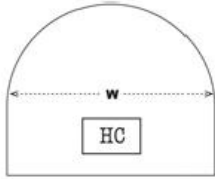


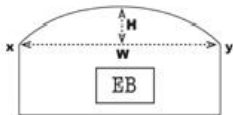
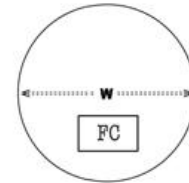
Measuring Radius Arches

Most arches are constant-radius arches; either half-circles or eyebrows, and measuring them is simple and straightforward.

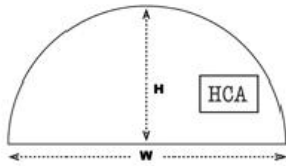
Take measurements at the inside edge of an existing jamb. Specifying a margin or "reveal" defines the setback of the moulding from the jamb's edge. If it's more practical, measurements can be taken at the line where the moulding will actually be installed.



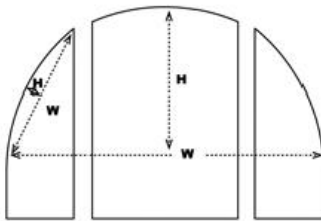
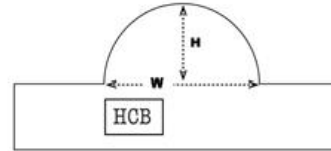
Half-circle arches
Only a single measurement (w) is needed for a half-circle arch [HC] or a full circle [FC].



Eye-brow arches
Two measurements, (w) and (h), are needed for an eyebrow arch [EB]. Stretch a string between points x and y and measure above to get measurement H.



For half-circle variations
Such as [HCA] or [HCB] measurement, (h) should also be taken.

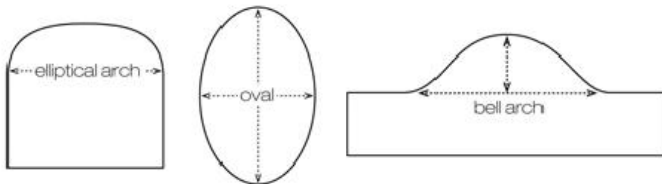


When two or more windows (separated by framing) are installed to form a continuous curve, measurements (w) and (h) should be taken on each window, as well as on the overall unit. If the radius determined for each window does not agree with that of the overall unit, separate mouldings must be made for each window. The radius (r) of an eyebrow arch can be found by the formula: $(H^2 + (1/2W)^2) / 2H = R$

Half-circles and eyebrows are constant-radius arches. They are portions of a circle, and curvature is the same throughout. Site-built arches and sheetrocked returns should be checked for accuracy. Running a straightedge along the inside of the curve, the gap above it should be the same at every location if the arch is true. If not, a radius moulding is not likely to fit well.

Measuring non-radius arches

Elliptical arches, ovals and other non-radius curves require a paper template (tracing) to define their shape.



Paper Templates:

Fasten paper tightly over the window. Use the tip of the thumb (not thumbnail) to form a light crease in the paper, along the inside edge of the jamb. Go over the crease with the blunt end of a dark crayon to produce as sharp and fine line as possible. Record direct width and/or height measurement of the jamb to verify dimensions of the tracing, and specify the desired "reveal." Roll loosely (do not fold) and send to us.