

# Camber

To calculate the radius of Camber for deck beams:

$$R = \frac{(X/2)^2 + H^2}{2H}$$

Where:

R = Radius of Camber

X= Distance across the arc

H= Height of the arc

A camber beam is much stronger than another of the same size, since being laid with the hollow side downwards, they form a kind of supporting arch. But this is secondary to the curvature of the deck causing any water towards the scuppers or freeing ports.

[Home](#)