



Figure 5. A comparison of the normalized stress, $\sigma_{\theta\theta}$, plotted in blue to the theoretical curve for an infinite plate plotted by the black line over the radius of the hole in the plate from 0° to 90° . The error bars indicate the uncertainty of the normalized stress and $\pm 0.02^\circ$ in the angle theta.

	Symbol	Value
Pixel radius	P_r	223 (Pixels)
Pixel conversion constant	C_p	$51 \pm 1 \cdot 10^{-6}$ (m/Pixel)

Table 6. The radius of the hole, P_r , measured in pixels and the pixel conversion constant, C_p , used to convert from pixels to meters.