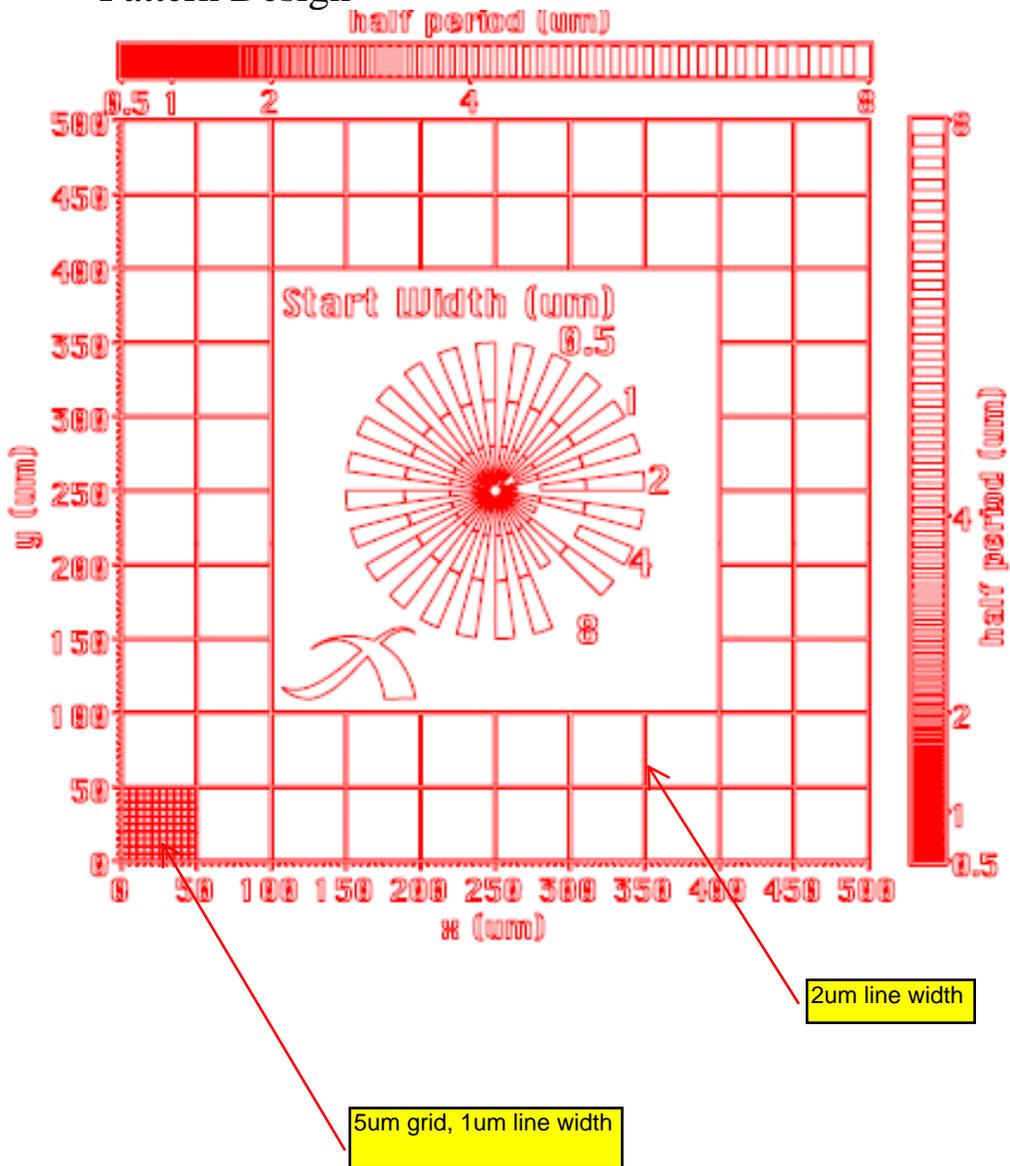
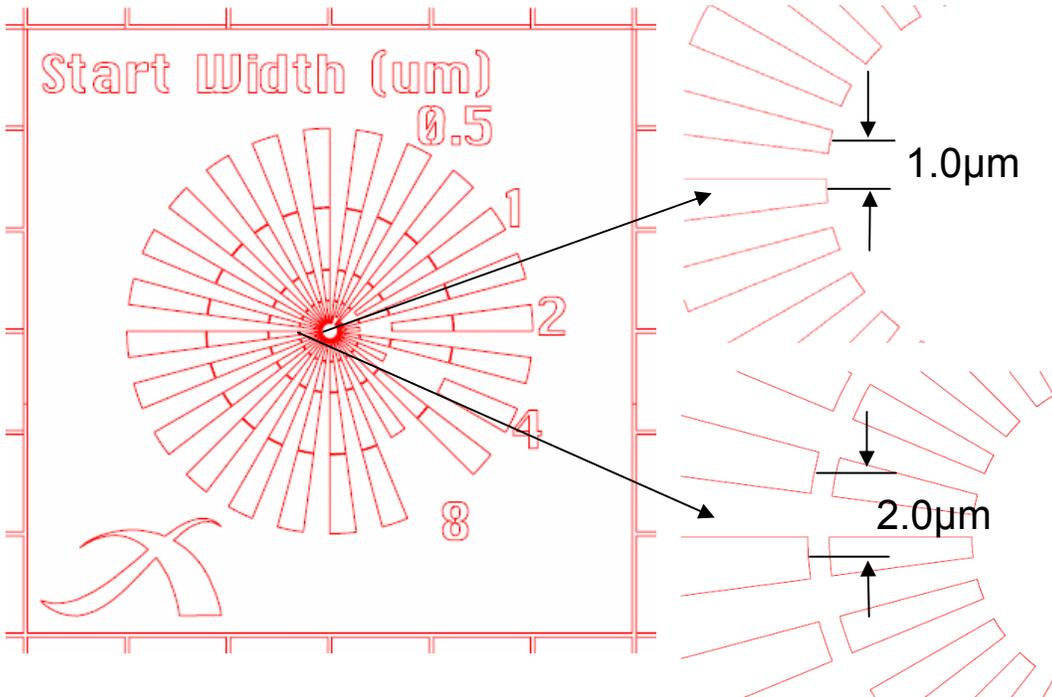


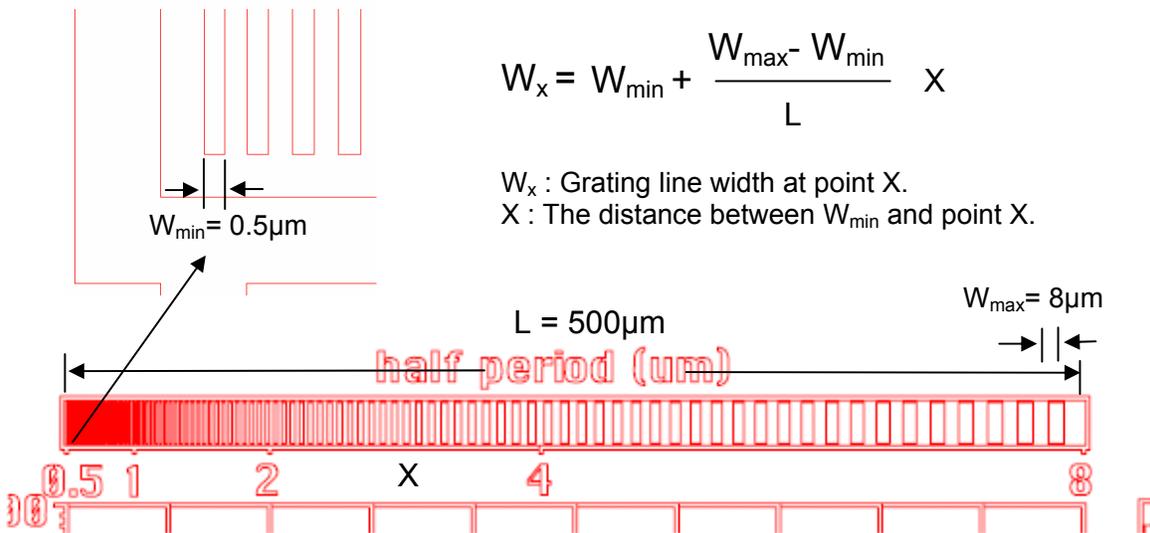


# Pattern Design





Note: The gold structure actually swells somewhat. Therefore, distances shown are measured from center to center of the gold lines.



$$W_x = W_{\min} + \frac{W_{\max} - W_{\min}}{L} X$$

$W_x$  : Grating line width at point X.  
 X : The distance between  $W_{\min}$  and point X.

Design details of the linear grating.