Key formulas:

$$s = \frac{w}{2} \quad \text{and} \quad \frac{h}{w} = \frac{\sqrt{3}}{2} \sim .866$$

Cutting hexagon:

1. Decide on w, the width of the hexagon.

2. Cut rectangle width w and height $h = 0.866 \times w$.

3. Set table saw blade at 30 degrees, fence $.75 \times h$ from blade.

4. Cut corners.

Example:

1. $w = 66$ mm (So $s = .33$ mm.)

2. $h = 0.866 \times w = 57.2$ mm