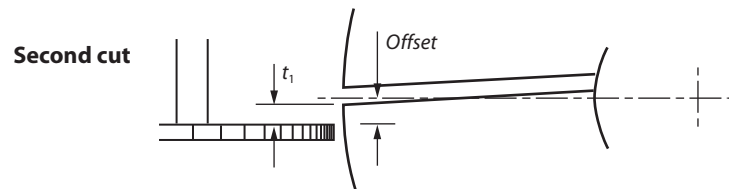
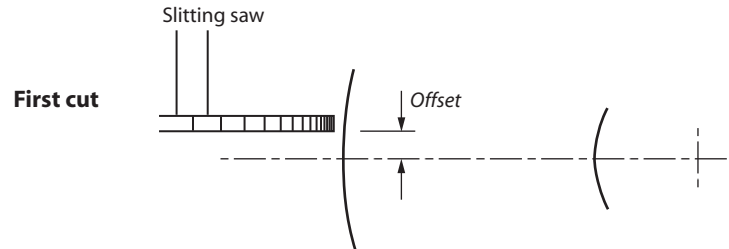
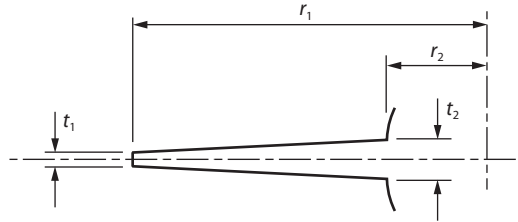


CUTTING SPOKES

Spoke dimensions:

- r_1 Rim radius
- r_2 Hub radius
- t_1 Spoke thickness at rim
- t_2 Spoke thickness at hub

$$\text{Offset} = \frac{r_1 t_2 - r_2 t_1}{2r_1(r_1 - r_2)}$$



1. Measure spoke dimensions
2. Calculate *Offset*
3. Set lower face of slitting saw on centreline, traverse upwards by distance *Offset*
4. Make first cuts
5. Set upper face of slitting saw on centreline, traverse downwards by distance *Offset*
6. Loosen disk, rotate so that the lower corner of the first cut is distance t_1 above the upper face of the saw (a set of automotive feeler gauges is a useful tool for this purpose, and much cheaper than toolmakers gauging blocks)
7. Make second cuts