



Ratio (R) = $\frac{\text{No. of teeth on wormwheel (T)}}{\text{No. of starts on worm (t)}}$

Centre Distance (CD) = $\frac{\text{PCD worm}}{2} + \frac{\text{PCD wheel}}{2}$

Lead (L) = The axial distance by which a thread advances in one revolution = $\pi \times t \times m$

Where m (metric) = Axial module

m (imperial) = $\frac{1}{\text{DP}}$

Actual outside diameter of worm $\text{OD}_w = \text{PCD} + (2 \times m)$

Typical outside diameter of wormwheel $\text{OD}_{ww} = \text{PCD} + (3 \times m)$

