



MILLING FORMULAS

Cut Time
 $CT = \frac{LOC}{IPM}$

Revolutions Per Minute
 $RPM = 3.82 \times SFM$

Inches Per Minute
 $IPM = RPM \times FPR$

Feed Per Revolution
 $FPR = \frac{IPM}{RPM}$
-OR-
Eff. Flutes x
Feed Per Flute

Material Removal Rate
 $MRR = WOC \times DOC \times IPM$

Feed Per Tooth
 $FPT = \frac{FPR}{\text{No. of Eff. Teeth}}$