



# CONVERSION CHART

***Surface Feet / Minute***

$$\text{SFM} = .26 \times \text{Dia.} \times \text{RPM}$$

***Inches Per Minute***

$$\text{IPM} = \text{RPM} \times \text{FPR}$$

***Material Removal Rate***

$$\text{MRR} = \text{WOC} \times \text{DOC} \times \text{IPM}$$

***Revolutions Per Minute***

$$\text{RPM} = \frac{3.82 \times \text{SFM}}{\text{Dia.}}$$

***Feed Per Revolution***

$$\text{FPR} = \frac{\text{IPM}}{\text{RPM}}$$

**-OR-**

$$\text{Eff. Flute} \times \text{Feed Per Flute}$$

***Feed Per Tooth***

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

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