

SPEED AND FEED CALCULATIONS

$$\mathbf{SFM = RPM \times DIA \div 3.82}$$

$$\mathbf{RPM = 3.82 \times SFM \div DIA}$$

$$\mathbf{IPM = IPT \times NT \times RPM}$$

$$\mathbf{IPT = IPM \div (NT \times RPM)}$$

SFM = Surface Feet per Minute

RPM = Revolutions per Minute

IPM = Inches per Minute

IPT = Inches per Tooth

DIA = Diameter (of tool)

NT = Number of Teeth (flutes)