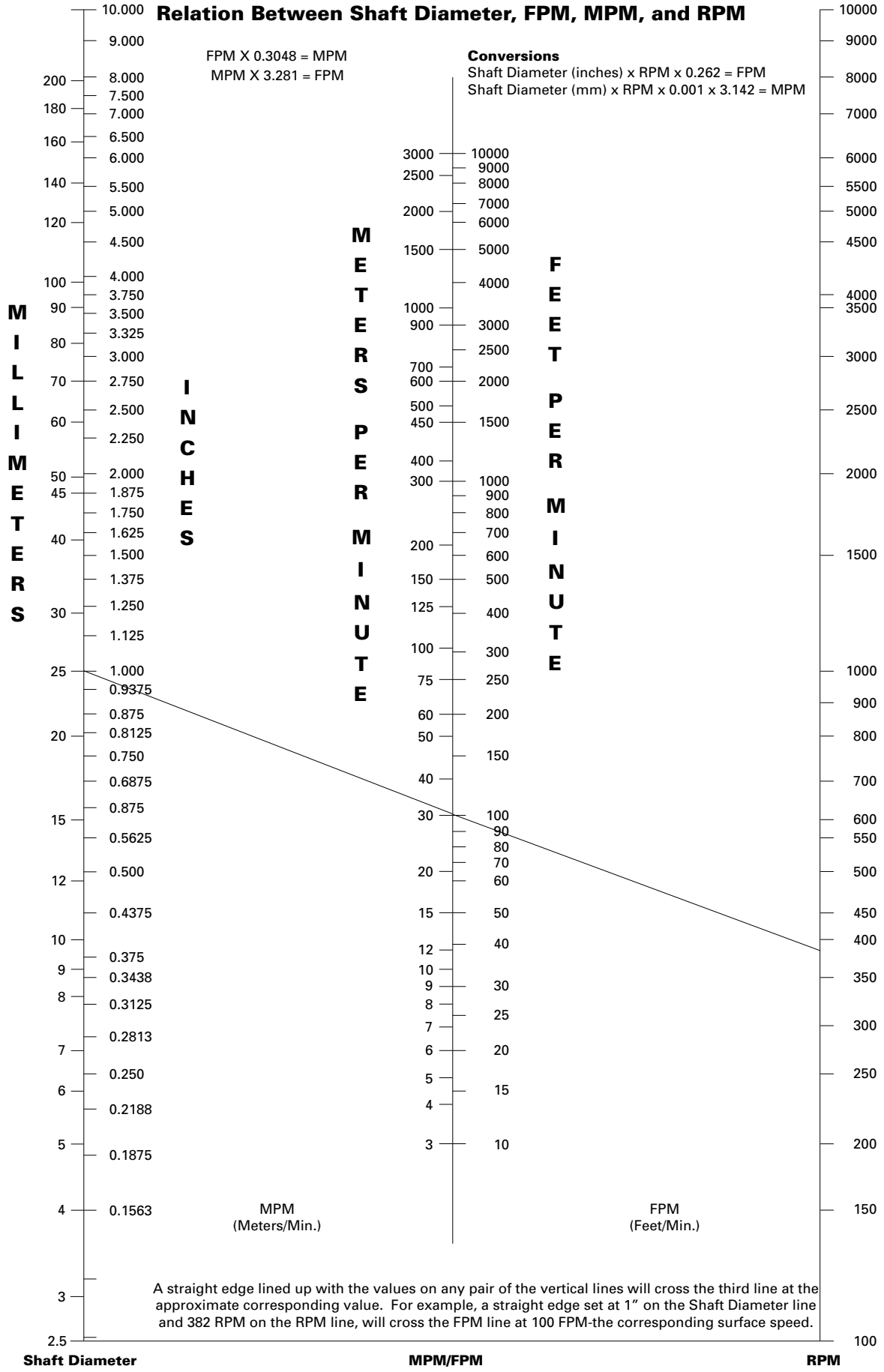
Reference Materials

Relation Between Shaft Diameter, FPM, MPM, and RPM

FPM X 0.3048 = MPM
MPM X 3.281 = FPM

Conversions
Shaft Diameter (inches) x RPM x 0.262 = FPM
Shaft Diameter (mm) x RPM x 0.001 x 3.142 = MPM



A straight edge lined up with the values on any pair of the vertical lines will cross the third line at the approximate corresponding value. For example, a straight edge set at 1" on the Shaft Diameter line and 382 RPM on the RPM line, will cross the FPM line at 100 FPM-the corresponding surface speed.