FORMULAS:

Chip Load = Feed Rate / (RPM x # of cutting edges)

Feed Rate (IPM) = RPM x # of cutting edges x chip load

Speed (RPM) = Feed Rate / (# of cutting edges x chip load)

DEFINITIONS:

IPM = Inches Per Minute

NOTE:

When cutting soft aluminum a squirt of cutting fluid every now and then will help to eliminate chip rewelding and improve surface finish.

DEPTH OF CUT:

1 x D Use recommended chip load
2 x D Reduce chip load by 25%
3 x D Reduce chip load by 50%

To view our complete line of AMC Tools, reference our Milling Tools Catalog which is available at www.onsrud.com