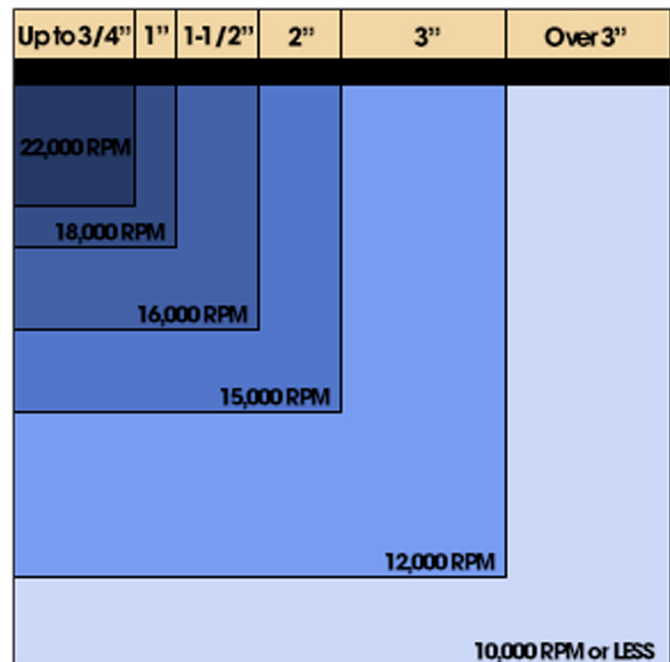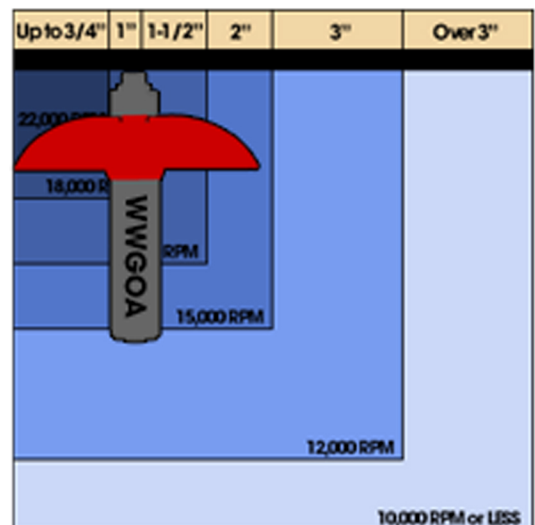# WOODWORKERS GUILD OF AMERICA®

RECOMMENDED MAXIMUM SPEED CHART FOR ROUTER BITS

In order to safely use router bits you've got to remember that large bits must be run at a lower rpm than small bits. But what exact rpm is the right one? We're here to help. This router bit speed chart will help you make certain that before you power up your router, it's at the correct speed for the bit you're using.

Up to 3/4"	1"	1-1/2"	2"	3"	Over 3"

22,000 RPM
18,000 RPM
16,000 RPM
15,000 RPM
12,000 RPM
10,000 RPM or LESS

How to Use Router Bit Speed Chart:

Lay your router bit on the chart, as shown in the example to the right. Choose the safe rpm based on which speed quadrant the edge of the bit falls in. In the case of the example the bit should be run at 15,000 rpm.

Up to 3/4"	1"	1-1/2"	2"	3"	Over 3"

22,000 RPM
18,000 RPM
RPM
WWGOA
15,000 RPM
12,000 RPM
10,000 RPM or LESS

EXAMPLE IS NOT TO SCALE

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