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WOODLINE USA

Recommended Maximum Speed Chart For Router Bits

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

In order to maintain a safe woodworking environment it is necessary to adjust the speed of your router to accommodate the size and design of the router bit. This speed chart has been designed as a quick reference of recommended speeds based on bit diameter.

Remember these are a recommendation only and some bit types or profiles may require slower speeds. Slower operation will often produce a cleaner cut with less burning and tear out while extending the life of the bit.

Example 1



Bit To Be Run



Using the scale this bit falls in the yellow zone.

The bit diameter is less than 3/4" and can be run up to 22,000 RPM.

Example 2



Bit To Be Run



This bit falls in the red zone.

The bit diameter is greater than 3" and should be run LESS than 10,000 RPM.