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.