

3 important Tips for Cutting Aluminum with your CNC Router



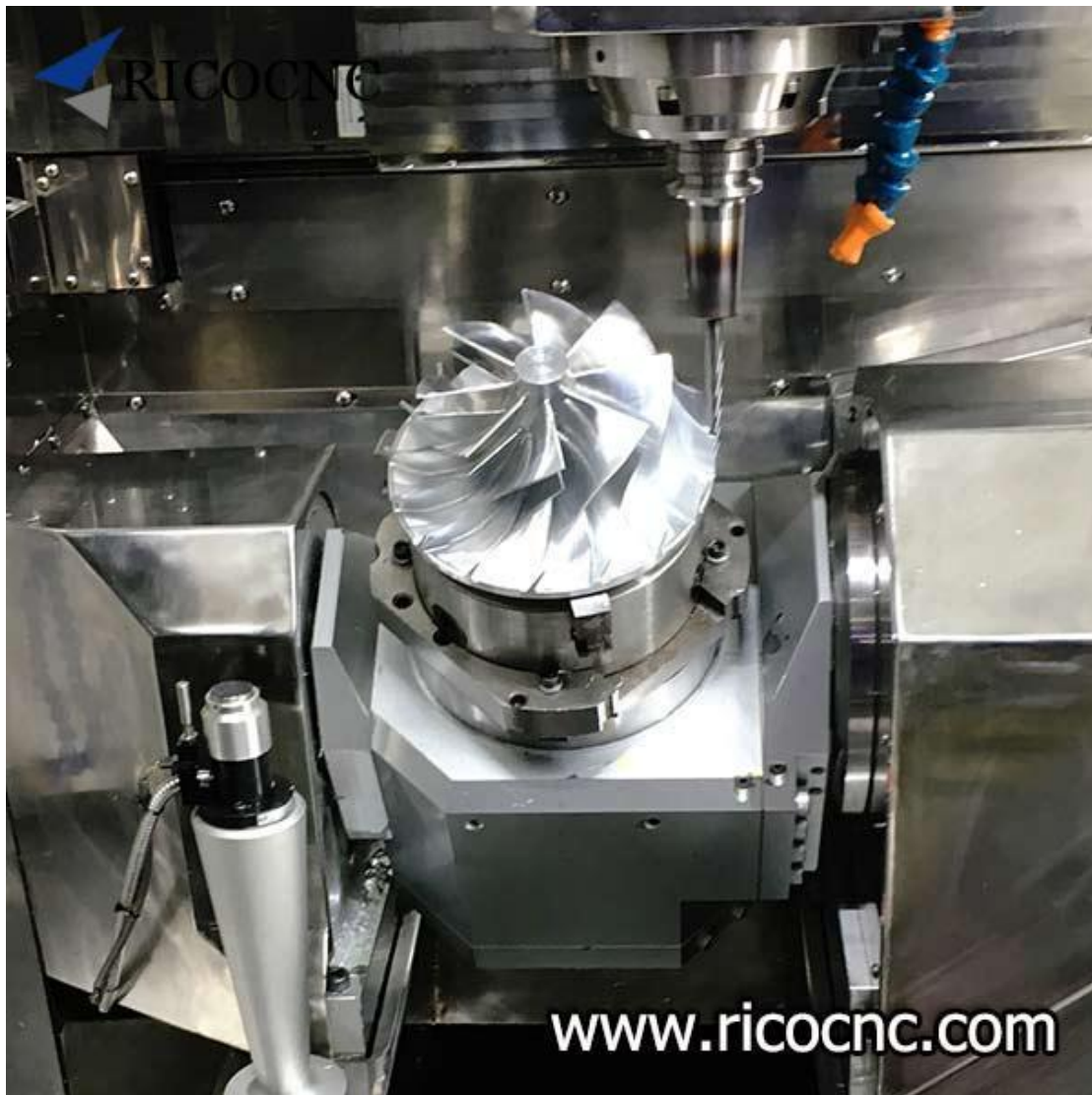
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Most people often use the [CNC wood routers](#) to cut wood or acrylic. But CNC routers also can cut aluminum. Here are 3 tips to help you.



1. Use [Carbide router bits](#)

Carbide-coated cutters can handle the high RPMs that you need for routing aluminum. Even HSS won't be able to handle the job. Don't forget to tell your feed and speed calculator that your bit is carbide-coated; it will give you more RPMs.



2. Feed and Speed Rates

Cutting Aluminum is different with wood cutting. This is why you need to calculate your feed and speed rates. The best way to do this is to use an online feed rate calculator.



3. Use Fewer Flutes

You may be used to using a four-flute cutter for your woodwork, however when you're cutting aluminum, a three-flute cutter is your maximum. This will prevent overly large chips which can cause your router to jam. The fewer the flutes, the better. If you have 4 or more flutes, chips jam your flutes, and your bit breaks.

From the above, if you want cut Aluminum, a specialized CNC aluminum router bits are your best choice. We can supply router bit made especially for aluminum cutting. Top quality solid carbide, single flute upcut, specially designed for aluminum or aluminum composite panels milling. For more information, welcome to contact us.

[RicoCNC](http://RicoCNC.com) is a one stop shop for CNC spares and tools, if any needs, welcome your inquiry.

