

Freud has created a database of .tool files that provides a handy starting point to use our large range of bits for CNC in your CNC router using VCarve software version 9.0 or higher. You may need adjust the feed & speed values and other cutting parameters included in the .tool files to suit your materials or project.

First, we suggest that you make a backup of your existing tool database before merging with Freud's tool database. *If you need more information about the process of backing up or merging files in VCarve, please refer to the VCarve user's manual before proceeding.*

Second, download "Freud Tools for VCarve" from the Freudtools.com* web site

- On any page listing our bits and sets for CNC, scroll to "downloads" and you will see the "Freud Tools for VCarve" file.
- Download the "Freud Tools for VCarve" file to a convenient location on your computer, such as your desktop

*Please note: you will need to sign into our site in order to download the file. If you don't have a Freud account yet, just follow the steps to create your own account in FreudNation. It is easy and free!



Freud Tools
for VCarve

Third, merge "Freud Tools for VCarve" into your VCarve tool database

- Open your tool database in VCarve
- Click on "Import"
- Select "Freud Tools for VCarve" from the location where you saved it on your computer in step 2, and click "Open". Depending on the version of your software, you may be asked if you want to merge. If so, click "Yes".



Before using any power tool, be sure that you read and understand all instructions in the owner's manual. Failure to understand the safe use of any power tool or product may result in serious personal injury.

Be sure to read and follow all safety warnings and instructions that came with your CNC router and your router bits.

The cutting parameters and feed & speed values included for each Freud bit are intended to be a good starting point, but you may need to adjust these values to suit your materials or project. For more details about feeds and speeds for various materials, please download Freud's chart of CNC Router Bits Specifications and Recommendations from our web site: freudtools.com



Small CNC Router
Bits Specifications
and
Recommendations

Important Notes:

- The cutting parameters, spindle speeds and feed rates provided are recommendations only, the ideal speed for your machine and application may vary.
- Always consult your machine manual for recommended speeds, and always verify your settings with test cuts in scrap material first.
- Never exceed the maximum safe speed provided by your machine manufacturer or the maximum RPM marked on the router bit package.
- Freud suggested cutting parameters, spindle speeds and feed rates are recommended starting points and do not warranty against tool breakage.