

## Ed's Suggestions for Starter CNC Bits

There is no reason to purchase a "CNC Starter Bit Set" marketed by many manufacturers and retailers. These often retail for hundreds of dollars and may contain bits that you will not need any time in the near future.

It is my recommendation that you start with three bits, two endmills and a V-Bit. Until you have worked with the CNC and determine that you wish to proceed to more advanced tool pathing these three bits will allow you to complete your orientation projects and then do some basic projects of your own.

### Starter Bits

¼" down cut end mill with a 1/4" shank, Length of cut 1"

¼" upcut end mill with a 1/4" shank, Length of cut 1"

90° V-Bit, ½" diameter with ¼" or ½" shank

### Additional bits you may wish to consider

60° V-Bit, ½" diameter, ¼" or ½" shank

½" Core Box , ¼" or ½" shank

1/8" up cut end mill with 1/8" shank, length of cut ½"

**Before purchasing any bits, to be used on the CNC, it is recommended that the member read the article "Understanding CNC Bits " contained in this group of articles.**

***It should be noted that Kansas City Woodworkers Guild does not endorse any particular manufacturer or retailer. The information provided below is for reference only.***

Possible manufacturers/suppliers to consider

Manufacturer	Source
Amana	toolstoday.com & others
Bits & Bits	bitsbits.com
Magnate	magnate.net
RIP Precision Tools	ripprecisiontools.com
Precise Bits	precisebits.com
Spetool	spetools.com & Amazon.com
Whiteside	Amazon.com & others
Woodpecker	woodpeck.com
Yonico	precisionbits.com & Amazon.com & others