

## Z depth/Down/Z travel/Z cut

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```
round File is loaded
f MECH CONFIG S# 994904
Command:setzdepth, Z cut depth <0.1250 inch>: .06250
```

The “z depth” command allows you to enter a value for the depth you want the cutter to enter the material when cutting. In this example, the old cut depth was 1/8 th inch. The new depth will be 1/16 th inch. After the value is typed, press enter.

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The “down” command moves the tool to the cut depth which has been set by the “Z depth” command. Obviously, this is a position below the material surface, so take care to have the cutter turned on when using this command.

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```
Set XY Starting Travel Rate (0.041 - 1.668) in/sec <0.500>:
Command:setztrvl
Set Z travel rate (0.024 - 1.000) in/sec 0.500 ;
```

The “z travel” command sets the speed the machine will move when approaching or retracting from the surface of the material. The command line displays the recommended speed range. Accept the existing speed or type in a new value. Press enter.

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```
End of MECH CONFIG S# 994904
Command:setzcut
Set Z Cut Rate (0.024 - 1.000) in/sec 0.500 ;
```

The “z cut” command determines the speed the tool will move when cutting downward into the material. The acceptable speed range is shown on the command line. Accept or type a new speed and press enter.

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