

## Introducing The Terminal Tool™

### JetSett™

Congratulations! You now own the world's only tool that actually shrinks wire terminals onto the wire while retaining a near-circular cross section.

Advantages of Patent-pending JetSett™ technology:

- Shrinks (doesn't smash) terminal ferrule
- Extreme mechanical security
- Clean & tight professional appearance
- All wiring captured with equal pressure
- No stress to terminal or wiring inside
- Corrosion resistant connection

For more detailed information about The Terminal Tool™ and for product support, please visit our website:

[www.theterminaltool.com](http://www.theterminaltool.com)

### Made in the USA

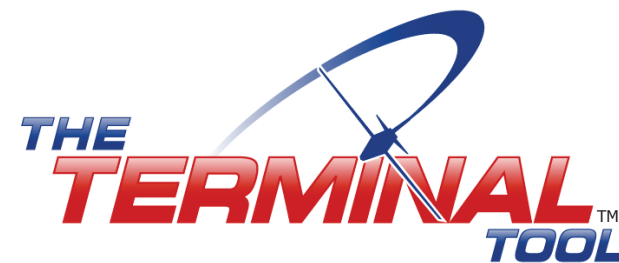
We're proud to say the TT5000 is 100% made in the U.S.A. using US manufacturers and materials. This tool was engineered to last a lifetime, and more.

**IDG is proud to have you as our customer!**



[www.theterminaltool.com](http://www.theterminaltool.com)  
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JetSett™ technology is a US Patent-Pending process



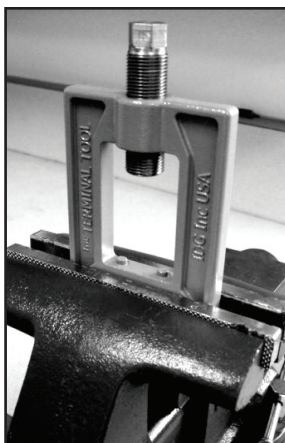
Model TT5000

Instruction Manual

## Preparing The Terminal Tool™ for Use

### Mounting

The Terminal Tool™ must be securely held while applying torque to the jackscrew. This is best accomplished by firmly mounting the Tool in a standard shop vise, as shown to the right.



Tool mounted in vise

### Basic Care

The Terminal Tool™ frame has a high quality powder-coat finish. You can protect the frame's finish by using a vice with smooth or protected jaws. It's also beneficial to keep the screw threads lightly greased.

### Handling Precautions

Use caution when handling the diesets. The diesets have sharp exposed edges that can cut. Do not drop or roughly handle the diesets. Doing so could damage the contact surfaces or bend the guide rods.

## DieSets

### Dieset Design

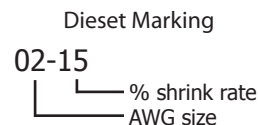
The Terminal Tool™ includes diesets designed to work with standard wire terminals. The diesets will shrink the terminal ferrule onto the wire(s) until the desired connection pressure is reached. Individual wire terminal connections may require more or less shrinkage depending on how much wire is captured in the connection, the type of terminal used, and desired fastening pressure.

If the terminal to be connected has a plastic sleeve around the ferrule, the sleeve must be removed before the terminal can be used. Do not attempt to shrink anything made of steel, stainless steel, or other hard materials.

### Dieset Sizing

Diesets are sized by AWG (American Wire Gage) number and shrinkage rate. These values are marked on each dieset using a 4-digit number.

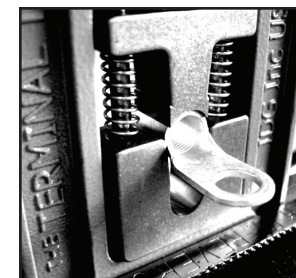
Diesets are designed to work within a range, above and below, the AWG size indicated. They will also work with any size falling between common wire terminal sizes.



## Making Connections

### Load the Terminal

Place the wire terminal into the dieset cavity, then turn the jackscrew to bring the upper die into contact with the terminal as shown. This secures the terminal into the dieset. The wire(s) can now be positioned inside the terminal as desired.



Terminal secured in dieset

### Turn the Screw

Any suitable 5/8" wrench may be used to turn the screw. Shrinking of the ferrule will occur at the bottom of the dieset stroke. Final shape is dependent on how far the upper die travels before reaching the desired pressure. For consistent connections, a torque wrench may be used to control maximum pressure applied.

The terminal ferrule can be made more circular by inverting it and re-forming with light pressure.

### Maximum Torque

Do not exceed 120 ft-lbs of torque. This may damage the jackscrew or the frame and void the warranty.