



# WSE

White Sands Engineering

A DIVISION OF WESCO DISTRIBUTION, INC.

## PT-5500 & PT-5500MCX COMPRESSION TOOLS

Please read the following directions carefully and use this sheet when you first start actuating connectors. This tool was designed to be the basic tool used for activating various connector manufacturers' compression type fittings. Changing the plunger tip and using the accompanying gauge will allow you to have one tool to cover a wide range of connectors.



### Understanding the Plunger Tips and Gauges


Your PT-5500 tool arrives from the factory pre-set with a specific plunger tip for the connector application you require. Included with the plunger tip is a gauge color-coded to the band around the plunger tip.

To replace a plunger tip for your specific connector application, you will need a 3/8" open-ended wrench. Loosen the lock nut with the wrench and remove plunger tip and the lock nut together. Now you're ready to install a different plunger tip. We have found that it might be necessary, depending on the braid coverage or type of cable (i.e. quad), to make further adjustments. This is done by loosening the lock nut and turning the plunger tip. Specifically, to achieve more gap, turn clockwise. To achieve less gap, turn counterclockwise. The slot of the plunger tip must **always** be perpendicular or straight up and down. Each 180° turn is equal to .006". Be sure your cable is prepped correctly. Use our CPT-6590 (1/4 prep) for RG-59 and RG-6 connectors, and CPT-7538 (1/4 prep) or CPT 7538125 (1/8 prep) for mini RG-59 connectors.

### Terminating a Connector

1. Prep the cable according to the connector requirements to achieve the proper braid exposure and center conductor length. Push the connector onto the cable as indicated by the connector manufacturer's specifications.
2. Swing the handle away from the tool body so that you can insert the connector and cable.
3. Hold the connector over the plunger slot so that it seats between the plunger slot and yoke. The springed yoke will yield to the cable as you push the assembly into the tool.
4. Insert the connector into the tip and push the cable against the connector yoke. Start to close the handles of the tool together. As the handles close, the plunger slides toward the yoke. When the handles are fully closed together, the connector has been terminated.
5. Spread handles to remove connector. Back the connector away from the plunger slot. Grasping the cable behind the connector, lift the assembly out of the tool. Slight thumb pressure against the center of the yoke springs it open to release connectorized cable.

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