Tool Overview

PANDUIT continuously molded ferrules and crimping tools deliver speed and reliability for medium volume terminations. The CT-1000 is a multi-use .54 lbs. controlled cycle tool that crimps ferrules, and cuts and strips wire.

- Innovative rapid load design significantly reduces installation time
- Adjustable die setting allows termination of all continuously molded strip-fed ferrules
- Designed for use with continuously molded ferrules in strips of 50

Note: **Tool intended for use with soft coated, multi-stranded copper wire and strip ferrules with polypropylene insulating collars from 0.5 - 2.5 mm².**

1. Cut Wire:

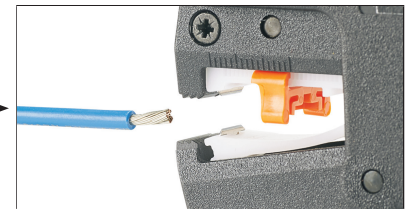Insert wire into cutting guide and close handles to cut wire.
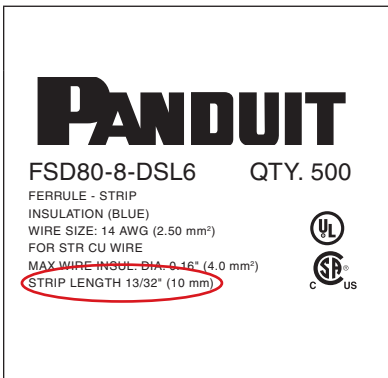
2. Strip Wire:

Adjust orange wire stop to strip length specified on the ferrule-package label you are using. See sample of package label below.
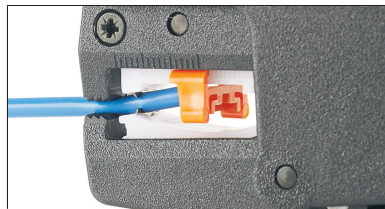
Insert wire until it hits stop and close handles to strip wire.

Release handles and remove stripped wire.

PANDUIT

FSD80-8-DSL6   QTY. 500

FERRULE - STRIP
INSULATION (BLUE)
WIRE SIZE: 14 AWG (2.50 mm²)
FOR STR CU WIRE
MAX WIRE INSUL. DIA. 0.16" (4.0 mm²)
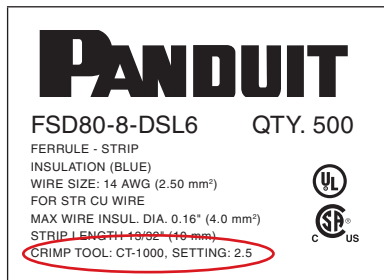STRIP LENGTH 13/32" (10 mm)

Adjusting Strip Blade Depth

Adjustment screw should be used to set strip blade depth. If insulation is not being stripped turn adjustment screw clockwise ¼ turn increments until the desired wire strip is achieved. If blade is cutting into insulation too deep turn adjustment screw counterclockwise ¼ turn increments until the desired wire strip is achieved.
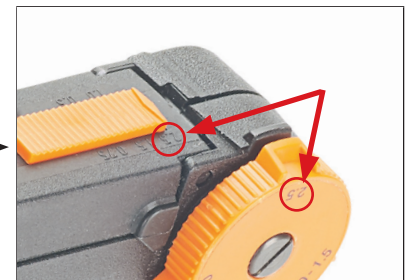
3. Adjust Crimp Force Setting:

Open tool door as shown above and adjust crimp force setting.

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FSD80-8-DSL6   QTY. 500

FERRULE - STRIP
INSULATION (BLUE)
WIRE SIZE: 14 AWG (2.50 mm²)
FOR STR CU WIRE
MAX WIRE INSUL. DIA. 0.16" (4.0 mm²)
STRIP LENGTH 13/32" (10 mm)
CRIMP TOOL: CT-1000, SETTING: 2.5

With door open, make dial and slide adjustments to match specific setting noted on package label.

Press in and rotate adjustment dial, until desired die setting is reached. Adjustment dial will automatically click into place when setting is reached. Adjust slide control on cover so that the two settings match. These two settings must match to crimp correctly.

4. Load Ferrules:
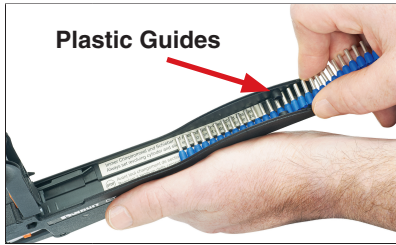
Plastic Guides

With cover open, feed end of ferrule strip under plastic guides into handle with insulation facing operator.
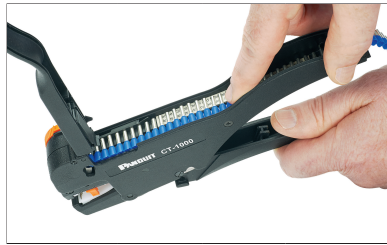
Slide ferrules until strip comes to a stop under the die pocket.

Ensure that first ferrule is seated into the die pocket as shown above.
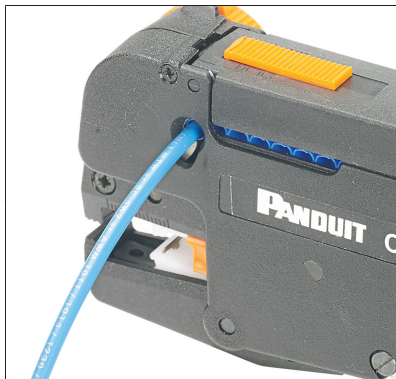
Close the cover. If the end of the ferrule strip is longer than the handle (as shown above), fold over and close cover.
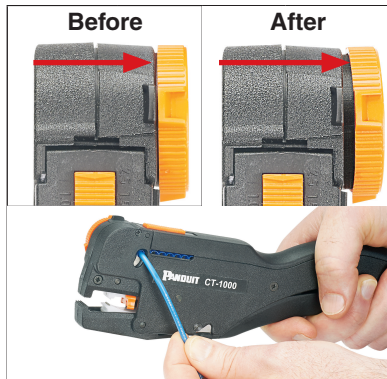
Tool is now loaded and ready for crimping.

5. Crimp Ferrules:

Insert stripped wire into ferrule positioned in die pocket.

Before   **After**

Push and hold wire into ferrule until orange adjustment dial on other side of tool moves outward (as shown above). While maintaining pressure on the wire close tool handle.

Release handles and remove crimped wire. The tool will automatically feed a new ferrule into position for the next crimp.

Note: If wire size changes, tool will need to be readjusted. Follow instructions 3–5.

CT-1000 Crimp Setting Reference Chart

Part Number	Tool Crimp Setting
Din End Sleeves	
FSD75-8-DSL10	0.5–0.75
FSD76-8-DSL8	0.5–0.75
FSD77-8-DSL2	1.0–1.5
FSD78-8-DSL0	1.0–1.5
FSD80-8-DSL6	2.5

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