

TRS Compression Connectors Installation Guide



Products for Installation Training



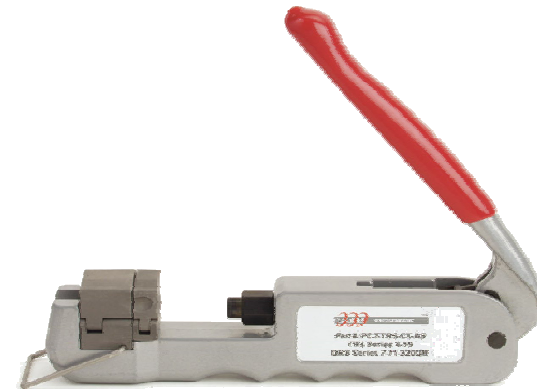
Compression Connector
PCT-TRS-6



1/4" x 1/4" Prepared Coaxial Cable



Compression Tool
PCT-TRS-CT



Combination Compression Tool
PCT-TRS-CT-AS

Preparing the Coaxial Cable

- Prepare coaxial cable with a ¼" x ¼" cable trimming tool.
- Remove trimmed jacket from cable.
- For trishield cable: Remove the outer layer of foil (Figure 1).
- For quad cable: Fold back the first layer of braid, remove the outer layer of foil, and fold back the second layer of braid.
- To reduce cable insertion force: Evenly flare and separate the wire braid (Figure 2).

Figure 1

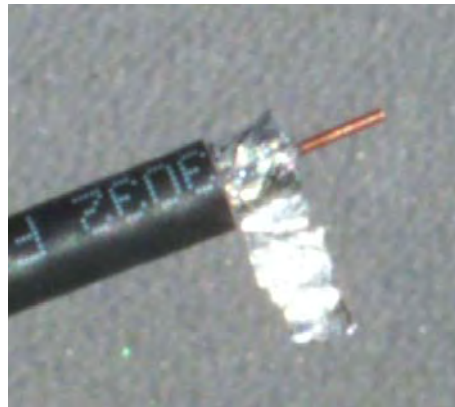
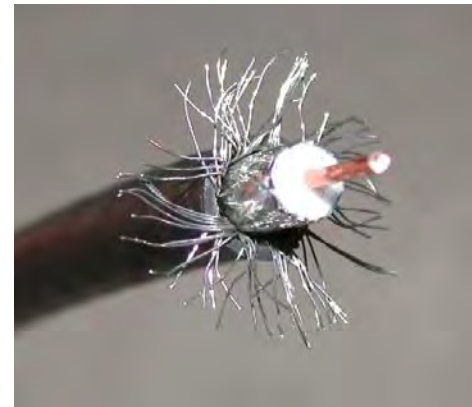


Figure 2



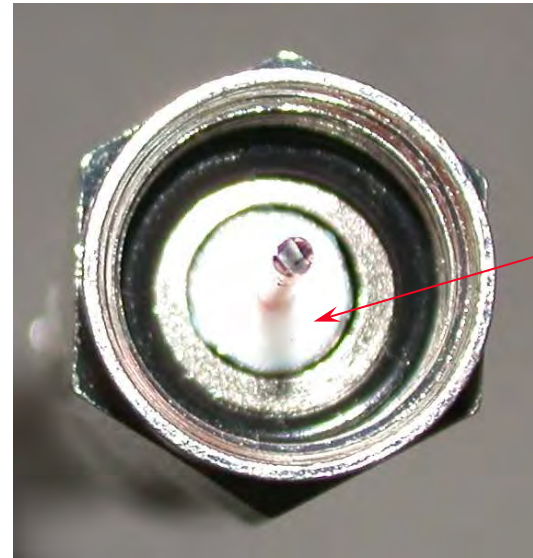
Installing Prepared Cable on PCT's TRS

- Push the connector straight on so that the cable dielectric is properly aligned inside the connector mandrel.
- A slight back and forth twist can be used to ease the cable insertion. Avoid excessive twisting.
- The cable dielectric should be flush with the bottom of the nut (Figures 1 & 2).

Figure 1



Figure 2



Cable Dielectric

Tips for Difficult Installations

- The compression tool can be used to add leverage when pushing the connector onto cable (Figure 1).
- For cable that is hard to insert, be sure to evenly spread and flare the braid material.
- Remember that twisting the connector can make installation more difficult. Push the connector straight on to the cable.

Figure 1



Using the Compression Tool (PCT-TRS-CT)

- With the handle in the open position and the cable gate flipped open, place the cable and connector into the tool against the plunger tip (Figure 1).
- Close the cable gate.
- The cable and connector will now be in the proper position (Figure 2).

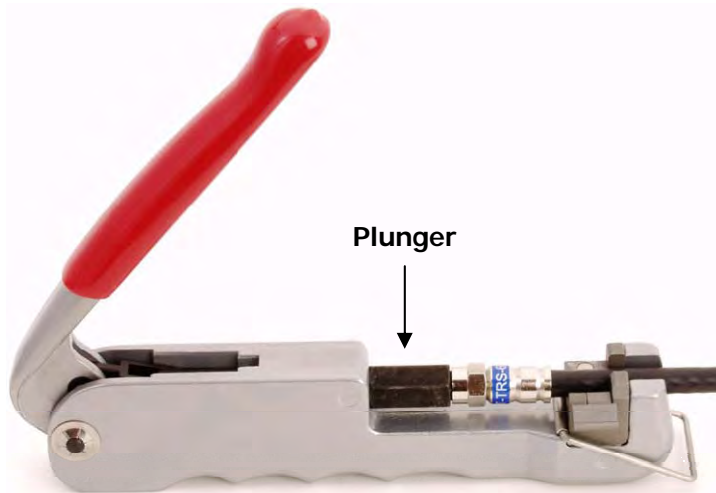


Figure 1

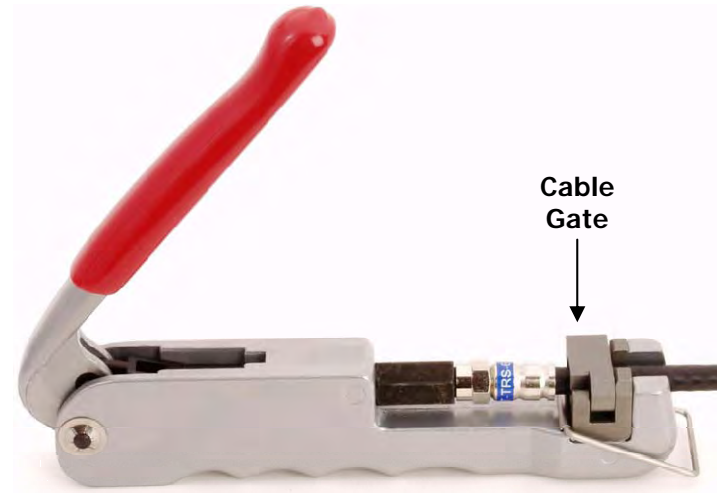
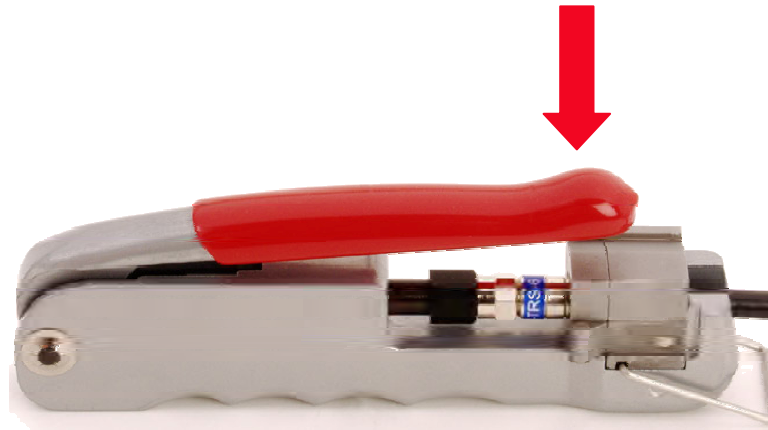


Figure 2

Compressing the Connector

- To compress the connector, close the tool handle completely, ensuring the connector sleeve is fully compressed.



Using the Combination Tool (PCT-TRS-CT-AS)

SERIES 59/6:

- With the handle in the open position and the cable gate flipped open, place the cable and connector into the tool against the plunger tip (Figure 1).
- Close the cable gate (Figure 2).

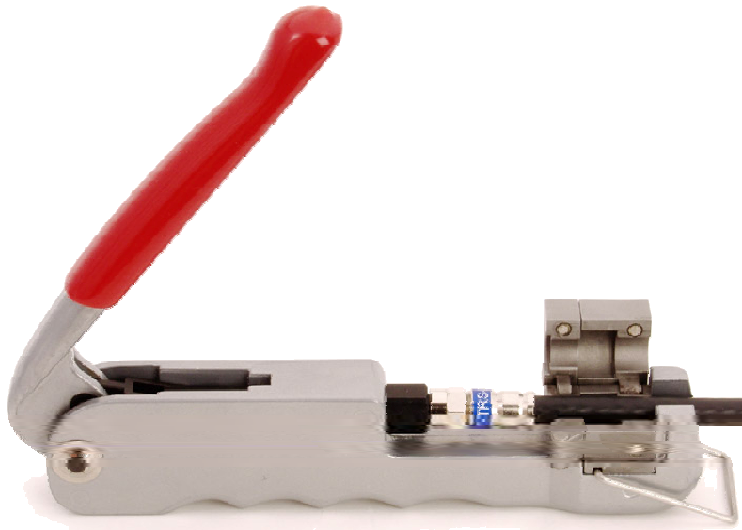


Figure 1

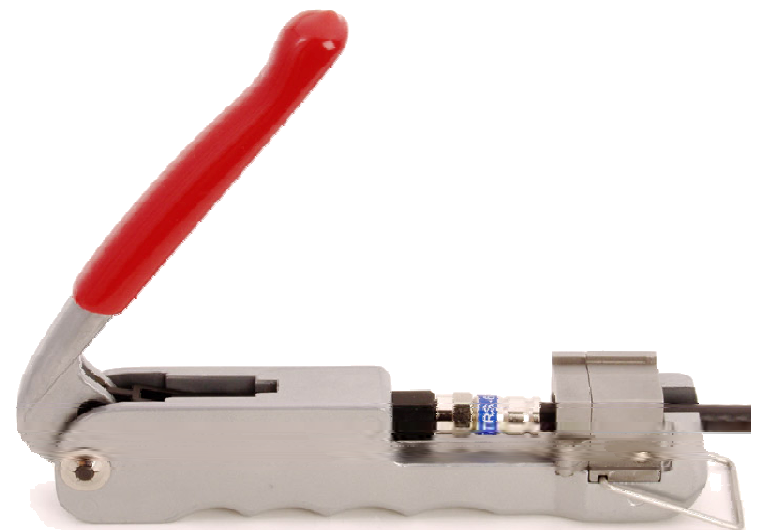


Figure 2

Using the Combination Tool (PCT-TRS-CT-AS)

SERIES 7/11/320QR:

- Swing the front gate out completely until magnet engages (Figure 1).
- Flip open the cable gate and place the cable and connector into the tool (Figure 2).
- Close cable gate (Figure 3).

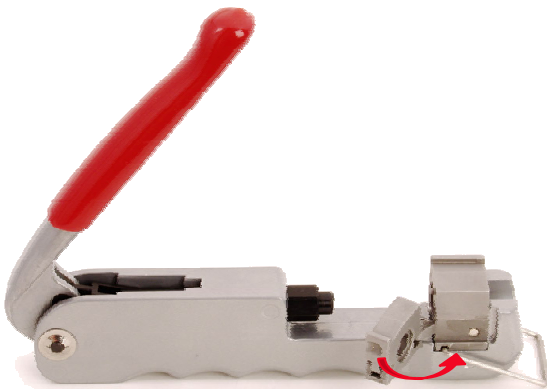


Figure 1

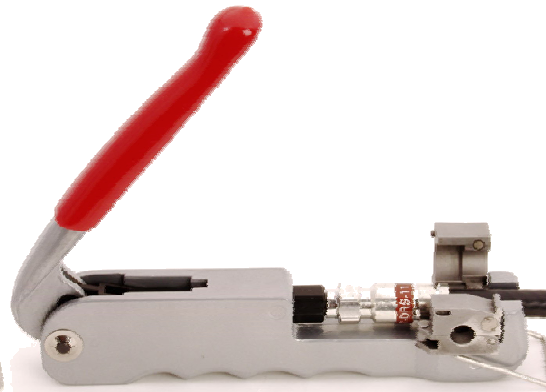


Figure 2

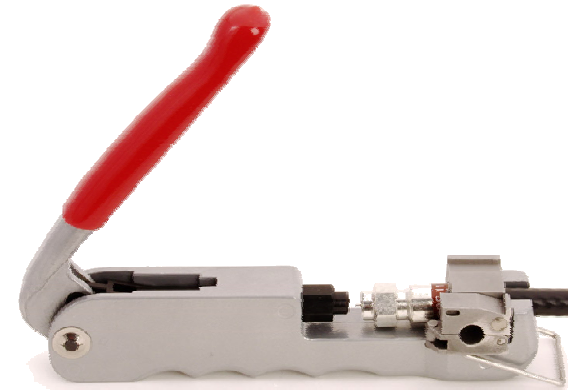
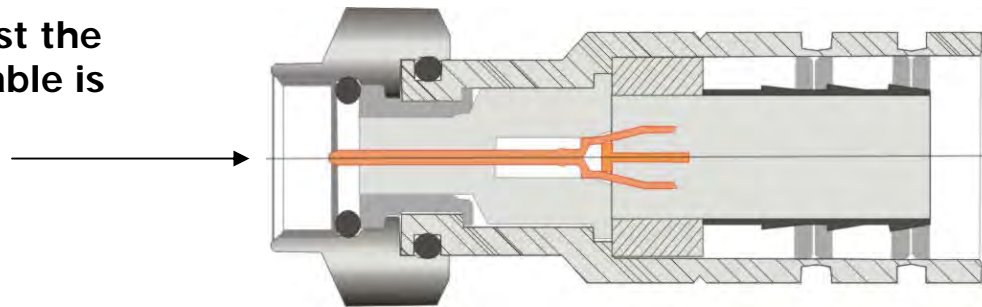


Figure 3

DRS 7 & 11

- As cable is inserted, the pin will extend forward
- “Pop-out” center pin confirms proper center conductor contact
- Universal cable application (60% through quad)

Pin extends past the nut once the cable is fully inserted



TRS/DRS Connector Guide

Cable Type	Part Number	Recommended Tool
Series 59, 60% thru Quad	PCT-TRS-59	PCT-TRS-CT PCT-TRS-CT-AS
Series 59 Headend	PCT-TRSHE-59	PCT-TRS-CT PCT-TRS-CT-AS
Series 6, 60% thru Quad	PCT-TRS-6	PCT-TRS-CT PCT-TRS-CT-AS
Series 6 Plenum	PCT-TRS-6P	PCT-TRS-CT PCT-TRS-CT-AS
Series 7, 60% thru Quad	PCT-DRS-7	PCT-TRS-CT-AS
Series 11, 60% thru Quad	PCT-DRS-11	PCT-TRS-CT-AS
Series QR320	PCT-DRS-320QR	PCT-TRS-CT-AS
Universal Seal Ring	PCT-SR	



PCT-TRS-CT



PCT-TRS-CT-AS