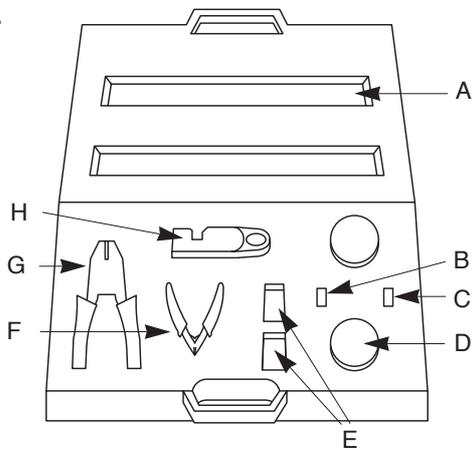




# Coaxial Cable Preparation and Termination Kit

Stock No. 193-966

Figure 1.



- A. Cut outs for BNC cable strain reliefs in the ranges of **RS** stock no. 456-784
- B. RG58/59 gauge
- C. Stripping cassette see **RS** stock nos. 739-562, 739-578 and 739-584
- D. Containers for BNC connectors
- E. Containers for crimp ferrules and loose piece contents
- F. Wire cutter, **RS** stock no. 606-490
- G. Crimp tool, **RS** stock no. 193-972
- H. Stripping tool, **RS** stock no. 739-540

## Stripping tool

1. Setting the coaxial cable stripper (for RG58/59 cable see point 3).
  - a. Lift the screw holder (A) and swing back, see figure 2.
  - b. Insert the cutter cassette (B) into the tool and close the screw holder, see figure 2.
  - c. Ensure that all cutter blades are fully retracted by turning the screws anticlockwise, see figure 3.

Figure 2.

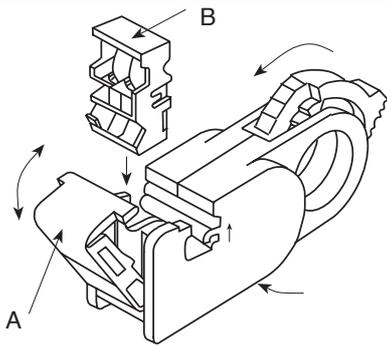
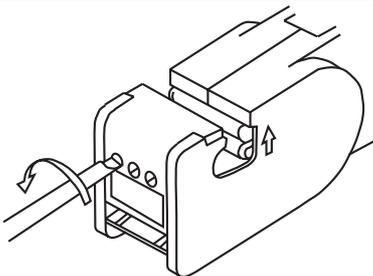
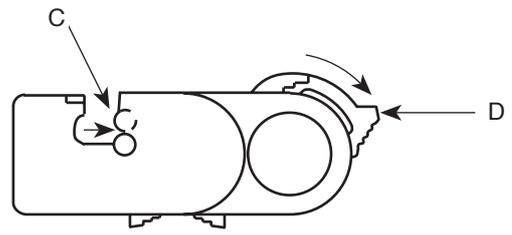


Figure 3.



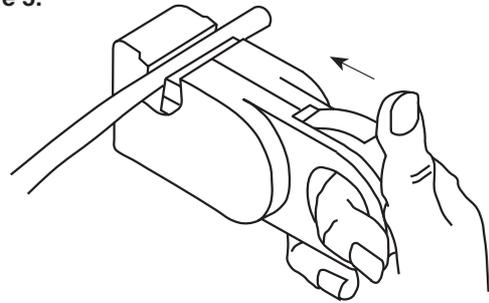
2. Retract the pressure rollers (C) by use of the cam wheel (D), see figure 4. Push slide on the base of tool towards cassette holder, see figure 7.

Figure 4.



3. Insert cable into the tool, making sure that the cable does not touch the cutters. Advance the pressure rollers by means of the cam wheel until the cable is just touching the 'V' of the cutter cassette, and set the maximum position of the cam wheel by means of the slide, see figure 7 by moving it backwards towards the cam wheel. The cable should be free to rotate showing no signs of friction.

Figure 5.



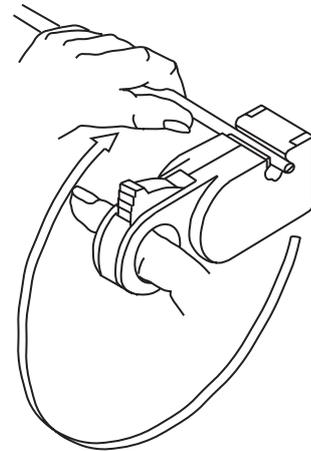
4. Setting the cutting blades.

Always start this operation with setting the deepest cut first, and only adjust one blade at a time by turning the screws in a clockwise direction.

To test the setting of the blades, insert index finger through the opening in the cam wheel and turn the tool several times around the axis of the cable (holding the cable as shown in figure 6).

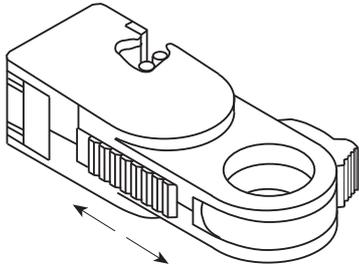
Repeat this action with advanced pressure rollers (figure 5) until the optimum setting is achieved.

Figure 6.



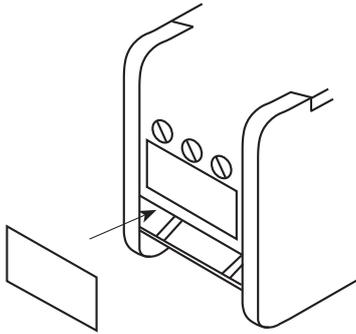
5. To remove the stripped cable, retract the pressure rollers by using the cam wheel, and remove the stripped pieces of insulating and braid materials from the cable and check that all cuts are of the required depth.

Figure 7.



When the settings are found to be correct, apply one of the enclosed stickers under the screws on the screw holder and mark with the cable type for repeat operations, see figure 8.

Figure 8.



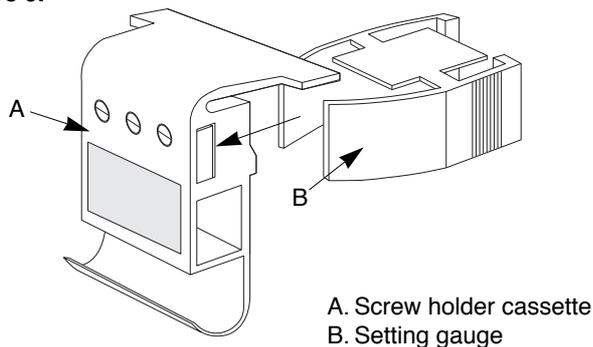
6. Additional cassettes and cassette holders are available separately. This enables different setting to be produced at will.

Screw holder cassette, **RS** stock no. 739-556  
Cutter cassettes.

- i) 2 step yellow, **RS** stock no. 739-562
- ii) 3 step green, **RS** stock no. 739-578
- iii) 3 step brown, **RS** stock no. 739-584

7. Quick setting of the tool is possible for RG58/59 cable types. the orange gauge should be clipped onto the screw holder, see figure 9. The setting screws are then adjusted by turning clockwise until they butt against the gauge. Remove the gauge and assemble cassette to the tool. Test and adjust as according to point 4.

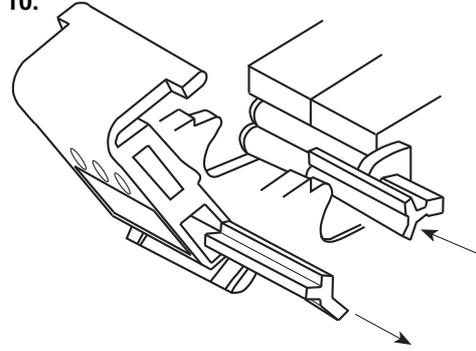
Figure 9.



A. Screw holder cassette  
B. Setting gauge

8. For cable diameters smaller than 3.5mm, the 'Y' block contained in the base of the screw holder should be placed between the screw pressure rollers as shown in figure 10.

Figure 10.

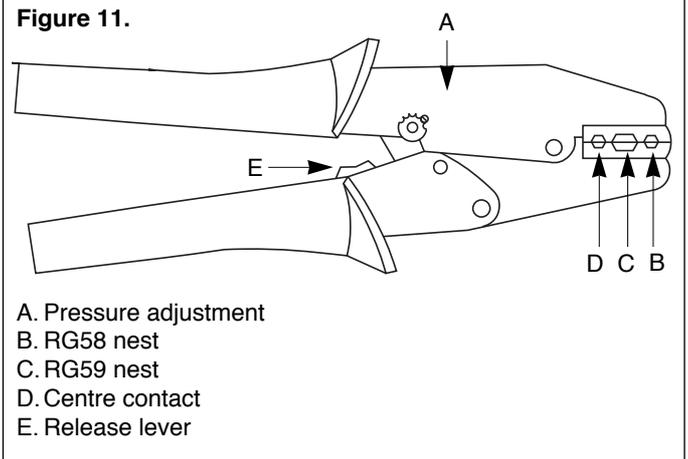


9. Use of the pre-set tool.

- a. Set back the pressure rollers by adjusting the cam wheel.
- b. Insert the cable, push the cam wheel forward step by step, to push the cable against the cutters (note that pressure should not be excessive).
- c. Rotate the tool around the axis of the cable several times. Repeating step (b) until the final position of the cam wheel is achieved.
- d. Retract the cam wheel, remove cable and peel off the stripped insulation and braiding, and remove any residue from the body of the tool.

**Note:** If using the tool on several differing cable sizes and types, it is recommended that to save time, a selection of pre-set and identified screw holders are held ready for use.

Figure 11.



- A. Pressure adjustment
- B. RG58 nest
- C. RG59 nest
- D. Centre contact
- E. Release lever

### Crimp tool

1. Compress the handles and cycle the tool to enable the release mechanism to operate and allow the jaws to open. Place the connector into the appropriate die nest and apply cable to be crimped. Compress handles to make correct crimp. If the tool appears to be producing an 'incorrect' crimp, the tool may be released by pushing the release lever forward, a screwdriver being suitable for this.
2. The tool after a period of time may require adjustment. To achieve this, remove the securing screw and rotate the serrated ring in the required direction. Replace securing screw and test the tool. Repeat adjustment if necessary.