

ERG740 ERGONOMIC HAND TOOL

OPERATING INSTRUCTIONS

for RSK Series Wrap Around Connectors

IMPORTANT: Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.

INTENDED USE: Wrap around connectors have been designed to ground the shield of single or multiple conductor shielded cables. It is suggested that the customer evaluate the suitability of these connectors and verify their performance for the particular application .

- 🕂 WARNING 🕂 -

KEEP ALL BODY PARTS AWAY FROM DIE NEST DURING GAGING OR CRIMPING PROCEDURE. - 🕂 WARNING 🗥 -

HANDLES ARE NON-INSULATING.

DO NOT CRIMP ON HOT ENERGIZED WIRES.

OPERATING INSTRUCTIONS

1

MATCHING THE CONNECTOR AND DIE TO THE CABLE

 Measure the diameter of the cable shield using a calibrated measuring tool or the RSK gauge (part number RSK-LEHRE) which is in the tool case lid. Rotate the cable in order to locate the maximum shield diameter. Exert only light pressure on the cable to get an accurate measurement, see Figure. 1.

When using the RSK gauge , try to find the appropriate slot in the gauge by ensuring that the cable only goes in the top of the slot. If the cable goes completely to the bottom of the slot, you should try the cable in the smaller adjacent slot.

Once you find the appropriate slot, you can read the associated RSK connector by the color of the slot and the appropriate die by the number marked below the slot.

2. For twisted pair and other non-symmetrical shielded cables, measure the dimension of the major axis or the largest width of the cable.

When you use the RSK gauge, try to find the appropriate slot in the gauge by fitting the largest width of the cable into the slot. Similar to step 1, if the cable goes completely to the bottom of the slot, try the next smaller adjacent slot.

3. Once the shield diameter is established, refer to Table 1 for the appropriate connector and installing die.

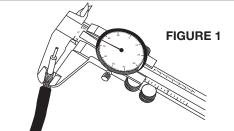


TABLE 1

DIAMETER OF SHIELD	CONNECTOR CAT. NO. & CODE	DIE CAT. NO (STEEL)	GROUND WIRE RANGE
(1.27 - 1.79 mm) .050070 in.	RSK101 or RSK5101 RED	D-101A	1 OR 2 PIECES 0.25mm ² #24 AWG STR OR 1 #22 AWG STR
(1.80 - 2.28 mm) .071089 in.		D-101B	
(2.29 - 2.55 mm) .090100 in.	RSK201 or RSK5201 BLUE	D-201C	1 OR 2 PIECES 0.25mm ² #22 AWG STR or 1 PIECE 0.5mm ² #20 AWG STR
(2.56 - 3.00 mm) .101118 in.		D-201D	
(3.01 - 3.34 mm) .119131 in.		D-201E	
(3.35 - 3.65 mm) .132143 in.		D-201F	
(3.66 - 4.13 mm) .144162 in.	RSK301 or RSK5301 YELLOW	D-301G	1 OR 2 PIECES 0.25mm ² #22 AWG STR 1 PIECE 0.5mm ² OR 2 #20 AWG STR
(4.14 - 4.71 mm) .163185 in.		D-301H	
(4.72 - 5.12 mm) .186201 in.		D-301J	
(5.13 - 5.86 mm) .202230 in.	RSK401 or RSK5401 GREEN	D-401K	1 OR 2 PIECES 0.5mm ² #20 AWG STR or 1 PIECE 0.75mm ² #18 AWG STR
(5.87 - 6.36 mm) .231250 in.		D-401L	
(6.37 - 7.00 mm) .251275 in.		D-401M	
(7.01 - 7.62 mm) .276300 in.		D-401N	



