

## INSTRUCTION SHEET

# Connector, copper reinforcing ground rod

## Cable size: #3 to 4/0 AWG

### Color-Keyed®

**WARNING:**

- Risk of shock, disconnect power before installation.
- Do not crimp on energized wires.

**General information:**

- Made of high conductivity copper.
- Color coded to assist in the matching of installing die and connector.
- Direct burial.

**Installation instructions:**

1. Strip the insulation (Figure 1) from cable to length specified in table (on reverse side) taking care not to nick cable strands.
2. Clean cable with wire brush or emery cloth. Insert into connector until it stops (Figure 2). The insertion length will approximate the stripped length of cable.

Table on reverse side specifies installing die and the number of compressions required for each die connector combination. Insert connector in the die and compress between the color bands beginning near the tongue of the connector (Figure 2).

⚠ **Caution:** Use of improper installing die may result in a malfunctioning connection.

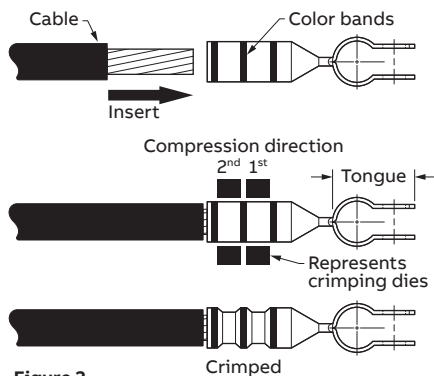
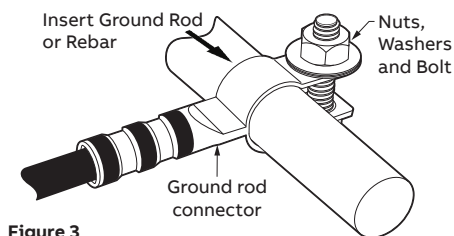
3. After crimping, remove all sharp edges, flash or burrs.
4. Lightly wire brush copper clad ground rod before assembling clamp to rod. Wire brush rebar to a bright finish before assembling clamp to rebar.
5. Clamp connector to rod with nuts, washers and bolt (Figure 3).

**Important**

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.

**CAUTION:**

- Product should be installed by a qualified electrician in accordance with national and local electrical codes.

**Figure 1****Figure 2****Figure 3**

Connector, copper reinforcing ground rod

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Product selection and dimensions - (inches)														
Part no.	Ground rod diameter	Reinforcing rod number	Bolt and Nut size	Strip length	Cable size	Hex die code	Color code	Hand tools (No. of compressions)				Hydraulic head (No. of compressions)		
								TBM20S	TBM5	TBM6	TBM8	12 Ton	15 Ton	40 Ton
CC2C-45R	½ - ⅝	#4 - 5	¼	⅝	#3-2 STR 60 Navy 4 Weld 125/24	33	Brown	2	1	1	1	1	1	1
CC1C-45R	½ - ⅝	#4 - 5	¼	¾	#1 STR 75 Navy 2 Weld 150/24 175/24 133/.0223	37	Green	—	1	1	1	1	1	1
CC10C-56R	⅝ - ¾	#5 - 6	⅜	¾	1/0 AWG 100 Navy 1 Weld 225/24 133/.0282	42	Pink	—	1	1	1	1	*2	1
CC20C-56R	⅝ - ¾	#5 - 6	⅜	¾	2/0 STR 125 Navy 1/0 Weld 275/24 427/.0155 133/.0282	45	Black	—	2	2	2	1	1	1
CC40C-56R	⅝ - ¾	#5 - 6	⅜	1	4/0 AWG 200 Navy 3/0 Weld 460/24 703/.0154	54	Purple	—	2	2	2	1	*2	1

Note: Product must be installed in accordance with applicable national and local electrical codes. \* Indicates the number of compressions with half die.

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