

# **PERMAGROUND™**

**IRREVERSIBLE GROUNDING PRODUCTS**



# ILSCO PERMAGROUND™ IRREVERSIBLE GROUNDING

**ELT** ★ ● ▲



• Connects main and tap up to 500 kcmil

**1**

**RLT** ★ ● ▲



• Connects ground wire to ground rod

**2**

**GGA** ★ ● ▲ +



• Connects 90° intersecting grid wires or rebar

**3**

**GGB** ★ ● ▲ +



• Connects vertical ground rod to horizontal grid wire or rebar

**4**

**GGC** ★ ● ▲ +



• Connects ground rod or rebar to continuous run wire

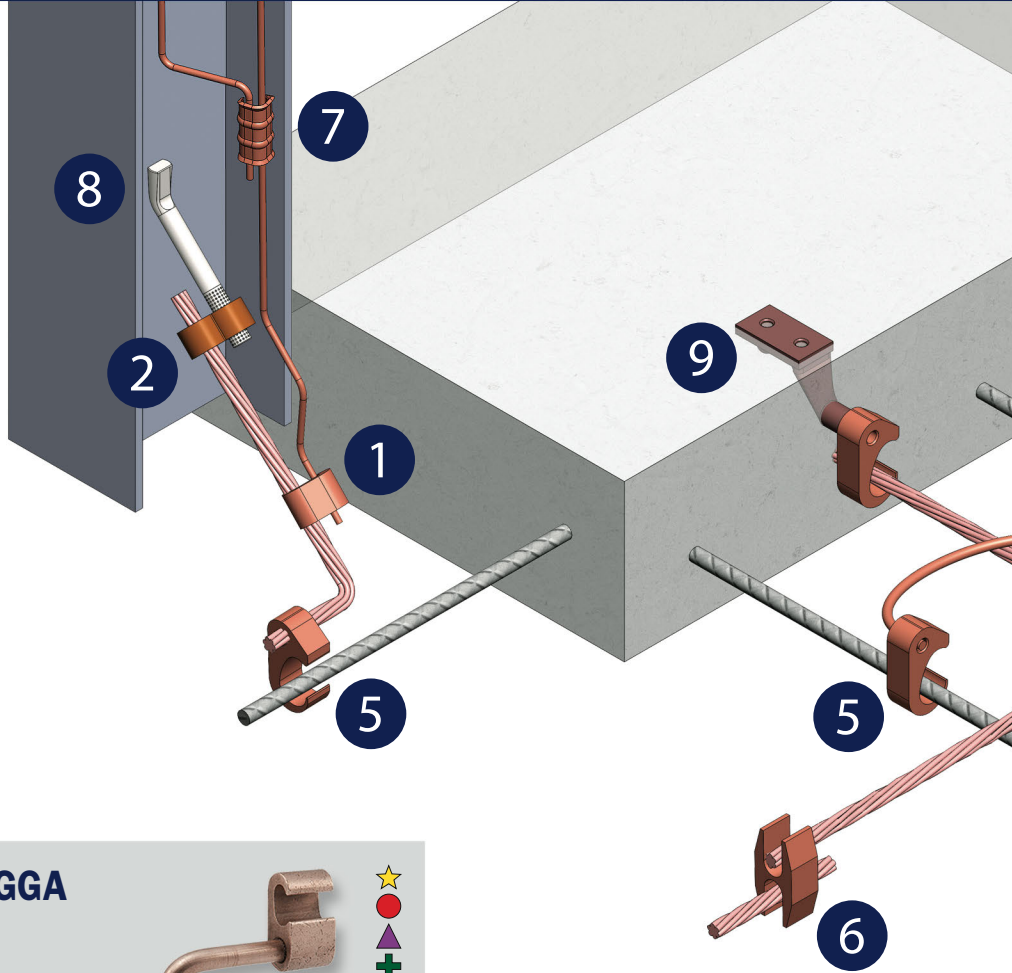
**5**

**CDT, CST (H-TAP)** ★ □ ▲



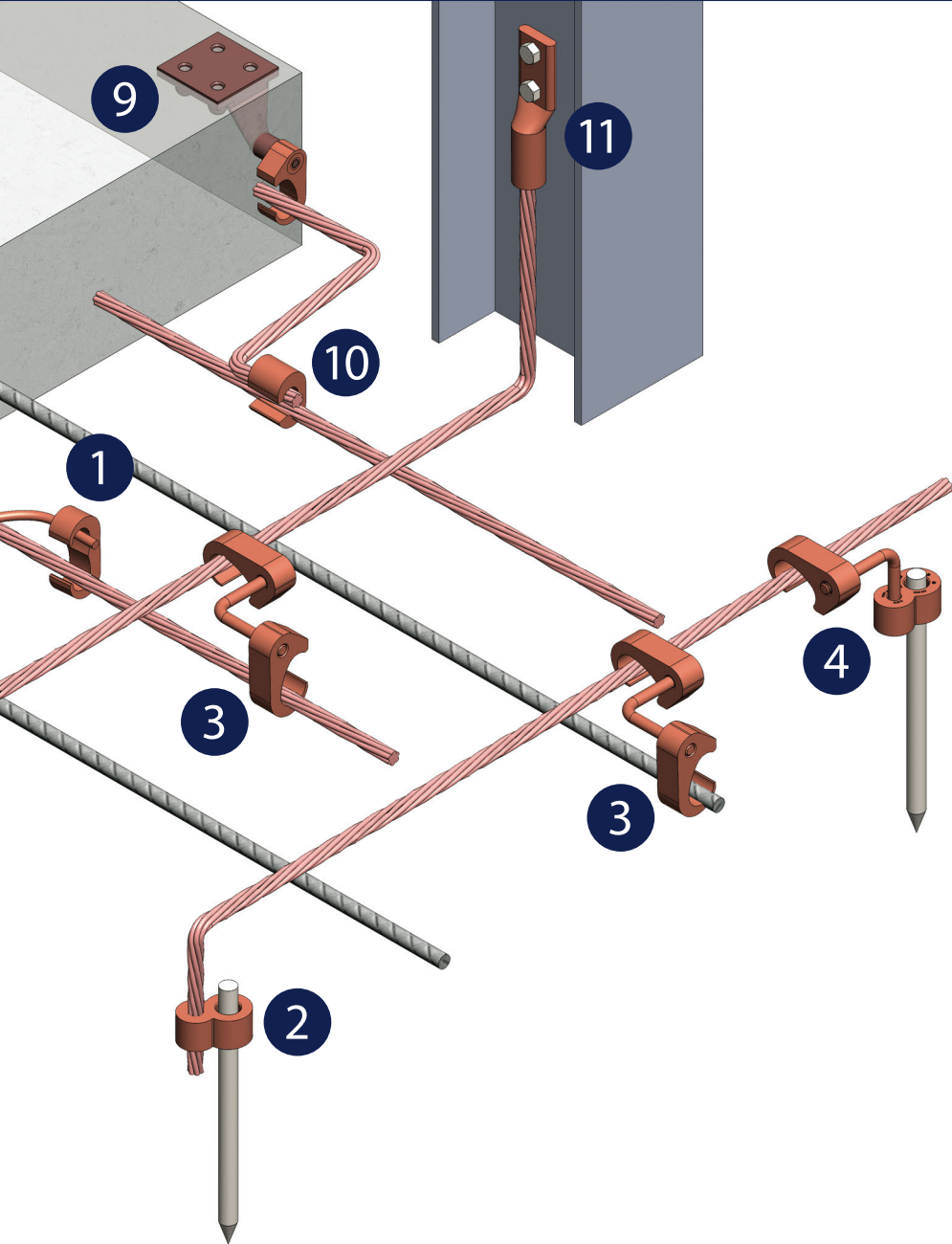
• Suitable for tap or splice applications

**6**



- ★ UL Listed 467
- UL Listed 486 A/B
- CSA
- ▲ Direct Burial
- + Rebar

# PRODUCTS



## SURECRIMP®



- Above ground applications
- UL 467 500 kcmil - 8 AWG; solid wire #8 - #2

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### ULT



- Ground wire tap

10

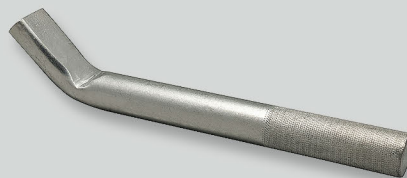
### TWCT



- Connects ground wire to main ground run

7

### SGS



- Above ground applications
- Welds to I-beam, allows RLT to be attached

8

### CGP



- Cast copper plates for concrete pads

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# ADDITIONAL INFORMATION

ILSCO offers a broad selection of Irreversible Grounding solutions for your ground grid requirements. ILSCO Irreversible Grounding connectors are made from heavy-duty, copper material, they are range taking, UL Listed and suitable for direct burial, including concrete, in most cases. They are pre-filled with DE-OX® oxide inhibitor to keep moisture out and resist corrosion. This broad range of products accepts up to 500 kcmil size ground conductor and up to 1" size ground rod.

Irreversible Grounding is an NEC Code term that indicates a connection, once made, cannot be “undone”. One of the common types of connections is a crimp connection. The connector is compressed onto the ground wire or rod under very high pressure and forms an excellent, secure bond that meets the NEC requirement of “Irreversible” connection.

## OXIDE INHIBITING COMPOUND

Many connectors are pre-filled with De-Ox® oxide inhibitor to provide an air-tight seal around the conductor and prevent oxidation. ILSCO offers three different formulas: Non-Grit, Zinc, Copper. All three formulas are available in a variety of package sizes.

- **DE-OX Non-Grit** is suitable for aluminum or copper terminations.
- **DE-OX-Z** contains zinc particles mixed into the non-grit formula, providing improved pull-out strength and reduced operating temperatures for aluminum or copper terminations.
- **DE-OX-C** contains copper particles mixed into the non-grit formula, providing improved pull-out strength and reduced operating temperatures for copper terminations.



More than a connector company,  
ILSCO is a connections company.  
CONNECTIONS MATTER.

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