

TYPE GGC

Features

- Manufactured from high strength copper alloy
- Clearly marked with wire size and die index
- Range taking
- Versatile
- Non-hazardous installation
- Prefilled with DE-OX® oxide inhibiting compound
- Temperature Rating 90° C
- UL Listed and CSA Certified for grounding and bonding

Benefits

- Provides maximum conductivity
- Provides easy identification and tooling recommendation
- Reduces inventory. Eight sizes cover a wire range from 500kcmil to #6, and 1/2" to 3/4" ground rods.
- Can be used as a tap connector or as a lap splice connector
- Can be installed in all types of weather with no need for protective equipment or clothing. Does not produce heat or dangerous particles.
- Prevents oxides from forming
- Ensures reliability
- For direct burial in earth or concrete

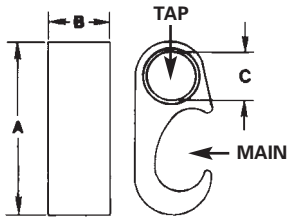


Fig. 1



Fig. 2

| Catalog Number | Figure Number | Wire Range | | Main Rebar | Main Ground Rod | Dimensions - in. (mm) | | | Die Index Number |
|----------------|---------------|------------------------------------|-------------------|------------|-----------------|-----------------------|------------|------------|------------------|
| | | Main | Tap | | | A | B | C | |
| GGC-1 | 1 | 2str-6sol | 2str-6sol | - | - | 1.40 (35.6) | .75 (19.1) | .33 (8.4) | 0 |
| GGC-2 | 1 | 250kcmil-1/0str 1/2 - 5/8 Rod | 2str-4sol | #3-4 | 1/2 - 5/8 | 2.10 (53.3) | .75 (19.1) | .33 (8.4) | 997 |
| GGC-3 | 1 | 250kcmil-1/0str 1/2 - 5/8 Rod | 2/0str-1/0str | #3-4 | 1/2 - 5/8 | 2.10 (53.3) | .75 (19.1) | .44 (11.2) | 997 |
| GGC-4 | 1 | 250kcmil-1/0str 1/2 - 5/8 Rod | 250kcmil-3/0str | #3-4 | 1/2 - 5/8 | 2.10 (53.3) | .75 (19.1) | .61 (15.5) | 997 |
| GGC-5 | 1 | 500kcmil-250kcmil 5/8 - 3/4 Rod | 2str-4sol | #5-6 | 5/8 - 3/4 | 2.60 (66.0) | .75 (19.1) | .33 (8.4) | 998 |
| GGC-6 | 1 | 500kcmil-250kcmil 5/8 - 3/4 Rod | 2/0str-1/0str | #5-6 | 5/8 - 3/4 | 2.60 (66.0) | .75 (19.1) | .44 (11.2) | 998 |
| GGC-7 | 1 | 500kcmil-250kcmil 5/8 - 3/4 Rod | 250kcmil-3/0str | #5-6 | 5/8 - 3/4 | 2.60 (66.0) | .75 (19.1) | .61 (15.5) | 998 |
| GGC-8 | 1 | 500kcmil-250kcmil 5/8 - 3/4 Rod | 500kcmil-350kcmil | #5-6 | 5/8 - 3/4 | 2.90 (73.7) | .75 (19.1) | .84 (21.3) | 999/1011 |
| GGC-9 | 2 | 250kcmil-1/0str 1/2 - 5/8 Rod | 6str-8sol | #3-4 | 1/2 - 5/8 | 2.60 (66.0) | .75 (19.1) | - | 997 |

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)
Tested to UL 467, UL File E34440

NOTE: Hydraulic tools required on all sizes except GGC-1 Dieless tools can not be used

The GGC Series compression ground tap connector can be used as a tap connector to connect copper ground wire to a copper clad ground rod or as a lap splice connector splicing copper conductors together. The GGC Series of compression connectors are pre-filled with inhibiting compound and are suitable for direct burial.

Notes:

1. ILSCO ILC-12 or ILC-15 Series Tools and ILD Series Dies may be used. Note: Adapter required when using ILC-15 Series Tool. Burndy tools and dies may also be used.
2. Perform a "pre-crimp" on ground rod prior to installing GGC connector. Use an indent type of die such as Burndy's U2CABT* (Die Index #348).
3. When using #6 AWG solid wire in the tap side, fold conductor double prior to crimping.
4. When using GGC-4, if 3/0 conductor is used in the tap side, use a minimum of 2/0 conductor in the run side.

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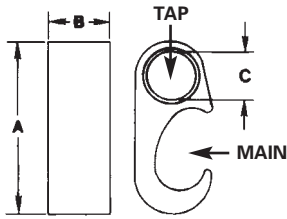


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Fig. 2

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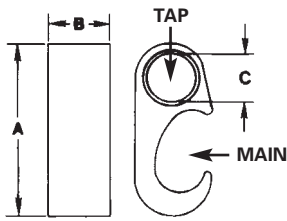


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