

# nVent ERICO PermaGround Compression Connector, Figure 6-Crimps



The nVent ERICO PermaGround Compression Connectors, Figure 6-Crimps, are designed to join two grounding conductors or connect a grounding conductor to a grounding rod within a grounding system using a compression tool. Made from high-strength conductive copper, they provide a low-resistance connection that prevents corrosion, ensuring durability. With their range-taking capabilities, the Figure 6-Crimps are compatible with various conductors and ground rods. To guard against oxidation, the inner surface of the Figure 6-Crimps is prefilled with an oxide inhibitor that creates an airtight seal around the conductors once the connection is made. This feature makes the Figure 6-Crimp connector suitable for a wide range of applications.

## FEATURES

Made from high-strength conductive copper for durability and maximum conductivity

Prefilled with an oxide inhibitor to prevent oxidation and ensure a long-lasting connection

Compatible with various conductors and ground rods, offering versatile application options

Can be installed in all weather conditions, making it suitable for diverse environments

## SPECIFICATIONS

Table 1/2

| Catalog Number | Material | Conductor Type  | Main/Run Conductor Range | Tap Conductor Range      | Main Ground Rod | Connection Type                                 |
|----------------|----------|-----------------|--------------------------|--------------------------|-----------------|-------------------------------------------------|
| GGC-1-MM       | Copper   | Solid, Stranded | 35 - 16 mm <sup>2</sup>  | 35 - 16 mm <sup>2</sup>  |                 | Conductor to Conductor                          |
| GGC-4-MM       | Copper   | Solid, Stranded | 120 - 50 mm <sup>2</sup> | 120 - 95 mm <sup>2</sup> | 1/2" - 5/8"     | Conductor to Conductor, Conductor to Ground Rod |
| GGC-3-MM       | Copper   | Solid, Stranded | 120 - 50 mm <sup>2</sup> | 70 - 50 mm <sup>2</sup>  | 1/2" - 5/8"     | Conductor to Conductor, Conductor to Ground Rod |

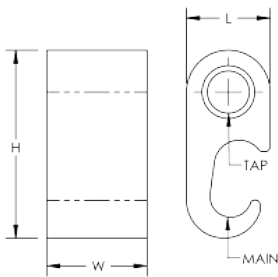
| CatalogNumber | Material | ConductorType   | Main/Run<br>Conductor<br>Range | Tap Conductor<br>Range    | Main Ground<br>Rod | Connection<br>Type                                       |
|---------------|----------|-----------------|--------------------------------|---------------------------|--------------------|----------------------------------------------------------|
| GGC-2-MM      | Copper   | Solid, Stranded | 120 - 50 mm <sup>2</sup>       | 35 - 25 mm <sup>2</sup>   | 1/2" - 5/8"        | Conductor to<br>Conductor,<br>Conductor to<br>Ground Rod |
| GGC-9-MM      | Copper   | Solid, Stranded | 120 - 50 mm <sup>2</sup>       | 16 - 16 mm <sup>2</sup>   | 1/2" - 5/8"        | Conductor to<br>Conductor,<br>Conductor to<br>Ground Rod |
| GGC-7-MM      | Copper   | Solid, Stranded | 240 - 120 mm <sup>2</sup>      | 120 - 95 mm <sup>2</sup>  | 5/8" - 3/4"        | Conductor to<br>Conductor,<br>Conductor to<br>Ground Rod |
| GGC-6-MM      | Copper   | Solid, Stranded | 240 - 120 mm <sup>2</sup>      | 70 - 50 mm <sup>2</sup>   | 5/8" - 3/4"        | Conductor to<br>Conductor,<br>Conductor to<br>Ground Rod |
| GGC-5-MM      | Copper   | Solid, Stranded | 240 - 120 mm <sup>2</sup>      | 35 - 25 mm <sup>2</sup>   | 5/8" - 3/4"        | Conductor to<br>Conductor,<br>Conductor to<br>Ground Rod |
| GGC-8-MM      | Copper   | Solid, Stranded | 240 - 120 mm <sup>2</sup>      | 240 - 185 mm <sup>2</sup> | 5/8" - 3/4"        | Conductor to<br>Conductor,<br>Conductor to<br>Ground Rod |

Table 2/2

| Catalog<br>Number | Die Index | Длина мм (L) | Width (W) | Height (H) | Unit Weight | Direct Burial |
|-------------------|-----------|--------------|-----------|------------|-------------|---------------|
| GGC-1-MM          | 0         | 15.88mm      | 19.05 mm  | 35.56 mm   | 0.054 kg    | Да            |
| GGC-4-MM          | 997       | 23.8mm       | 19.05 mm  | 53.3 mm    | 0.1 kg      | Да            |
| GGC-3-MM          | 997       | 23.8mm       | 19.05 mm  | 53.3 mm    | 0.116 kg    | Да            |
| GGC-2-MM          | 997       | 23.8mm       | 19.05 mm  | 53.3 mm    | 0.124 kg    | Да            |
| GGC-9-MM          | 997       | 23.8mm       | 19.05 mm  | 53.29 mm   | 0.124 kg    | Да            |
| GGC-7-MM          | 998       | 34.67mm      | 19.05 mm  | 65.15 mm   | 0.17 kg     | Да            |

| CatalogNumber | Die Index | Длина мм (L) | Width (W) | Height (H) | Unit Weight | Direct Burial |
|---------------|-----------|--------------|-----------|------------|-------------|---------------|
| GGC-6-MM      | 998       | 34.67mm      | 19.05 mm  | 65.15 mm   | 0.187 kg    | Да            |
| GGC-5-MM      | 998       | 34.67mm      | 19.05 mm  | 65.15 mm   | 0.194 kg    | Да            |
| GGC-8-MM      | 1011      | 34.67mm      | 19.05 mm  | 73.41 mm   | 0.196 kg    | Да            |

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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