Installation Instructions for Grounding Ferrules

1 - Ferrule Types
- Materials – Copper, tin-plated copper or aluminum
- Plain-plug – for pressure-type grounding-clamp terminals
- Threaded-stud – for tapped or drilled grounding-clamp terminals
- Unshrouded – does not extend over cable jacket
- Shrouded – extends over the cable jacket

2 - Cable Preparation
- Remove cable insulation 2” from end. Take care not to nick, cut or move any of the fine strands
- For shrouded ferrules only - mark cable insulation 3 ¼” from end of cable
- Apply contact aid to the bare cable (Fargo High Temperature Joint Compound Inhibitor HTJCNG8B or similar)
- Note the ferrule will come pre-filled with inhibitor
- Take care not to disturb any of the strands
- Carefully place the cable into the ferrule
  - For unshrouded ferrules, insert cable until the ferrule meets the cable jacket
  - For shrouded ferrules, insert cable until the end of the shroud meets the mark made on the cable jacket (3 ¼” )
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3 – Crimping Ferrules
• Factory assembled sets use a Finn-Power Crimper CC24 with 8 sided dies. For details, please contact your Hubbell Representative*
• Alternate approved and tested crimping tools:
  • Anderson die-less VERSA-CRIMP™ compression tool
  • Burndy Y35 Hydraulic Tool and the appropriate die* (listed to the right)
• Equally space 2 crimps in Section A, and center one crimp in Section B (section B for Shrouded Ferrules only)

4 – Heat Shrink Application
• Place over both the ferrule and cable jacket (See example below)
• Use heat gun to shrink down over the ferrule and cable jacket

5 – Clamp Installation
Plain-plug type for pressure-type grounding-clamp terminals
• Wire brush contact areas where possible
• Apply contact aid to contact surface (Fargo High Temperature Joint Compound VS8HTJC or similar)
• Insert ferrule through eye terminal, ensuring proper contact with clamp body
• Tighten nut on eye terminal to 250 in-lb.
Threaded-stud type for tapped or drilled grounding-clamp
• Insert or thread ferrule into ferrule boss as far as possible
• For clamps with a tapped hole, lithium grease may be applied to threads as needed (Litholene EP-2, Shell Retinax LC2 or similar)
• Secure ferrule in place with nut and lock washer and tighten to 250 in-lb.
Clamps with strain relief straps – position may vary by clamp design (over ferrule or cable)
• Screws should be tightened snugly
• If strap is positioned over cable, ensure cable is not crushed

*Die sizes are based on CHANCE® grounding cable*