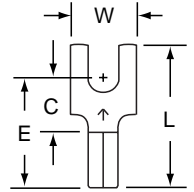




# Specialty Terminals

HT-31-10 thru HT-33-10

Standard Fork, High Temperature, Butted Seam



## Data Sheet

| Product Number | Wire Range (AWG) | Stud Size | W    | C    | L    | E    | Thickness | Barrel Length | Barrel I.D. |
|----------------|------------------|-----------|------|------|------|------|-----------|---------------|-------------|
| HT-31-10       | 22-18            | 10        | 0.34 | 0.29 | 0.70 | 0.54 | 0.030     | 0.25          | 0.070       |
| HT-32-10       | 16-14            | 10        | 0.34 | 0.29 | 0.70 | 0.54 | 0.030     | 0.25          | 0.090       |
| HT-33-10       | 12-10            | 10        | 0.38 | 0.28 | 0.73 | 0.53 | 0.040     | 0.25          | 0.135       |

## Specifications

|                       |                 |
|-----------------------|-----------------|
| Wire Size:            | See Table Above |
| Barrel Seam:          | Butted          |
| Max. Continuous Temp: | 900°F (482°C)   |
| Max. Current:         | Same as Wire    |
| Terminal Material:    | Steel           |
| Terminal Plating:     | Nickel          |

## Installation Information

### WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

Strip away the end 3/8 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style), TR-490 (ratchet style) hand tools.



Barrel Crimp (Electrical)

## Engineering Specification

Crimp-type terminals shall, electrically and mechanically, connect to a pre-stripped end of a stranded copper wire and have a flat tongue portion with a central opening for mounting around a screw or stud.

The non-insulated, butted seam high-temperature standard fork terminal shall be nickel-plated, annealed steel, with the tongue having a specified stud slot (size 10) and with a 0.250" long butted seam barrel having a beveled I.D. for ease of stranded wire entry, sized for a specified (AWG) wire range (22-18, 16-14).

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