



**THE DATASHEET OF  
BS-33-8-W**

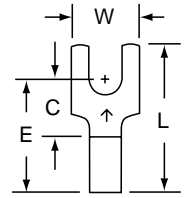




# Specialty Terminals

## BS-31-4S-W thru BS-33-10-W

### Block Fork, Non-Insulated, Brazed Seam



## Data Sheet

Product Number	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.
BS-31-4S-W	22-18	4	0.25	0.25	0.65	0.50	0.030	0.25	0.070
BS-31-6S-W	22-18	6	0.25	0.25	0.65	0.50	0.030	0.25	0.070
BS-31-6-W	22-18	6	0.30	0.25	0.65	0.50	0.030	0.25	0.070
BS-31-8-W	22-18	8	0.30	0.25	0.65	0.50	0.030	0.25	0.070
BS-31-10-W	22-18	10	0.30	0.25	0.65	0.50	0.030	0.25	0.070
BS-32-4S-W	16-14	4	0.25	0.25	0.65	0.50	0.030	0.25	0.090
BS-32-6S-W	16-14	6	0.25	0.25	0.65	0.50	0.030	0.25	0.090
BS-32-6-W	16-14	6	0.30	0.25	0.65	0.50	0.030	0.25	0.090
BS-32-8-W	16-14	8	0.30	0.25	0.65	0.50	0.030	0.25	0.090
BS-32-10-W	16-14	10	0.30	0.25	0.65	0.50	0.030	0.25	0.090
BS-33-6-W	12-10	6	0.32	0.29	0.73	0.54	0.040	0.25	0.135
BS-33-8-W	12-10	8	0.32	0.29	0.73	0.54	0.040	0.25	0.135
BS-33-10-W	12-10	10	0.32	0.29	0.73	0.54	0.040	0.25	0.135



**LISTED** 314R  
 UNDERWRITERS  
 LABORATORIES  
 STANDARD NO. UL 486A  
 3M FILE NO. E23438



CANADIAN STANDARDS  
 ASSOCIATION  
 STANDARD NO. C22.2  
 NO. 0. 65  
 3M FILE NO. LR22190

## Installation Information

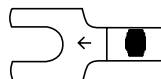
### ⚠ WARNING

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

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

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), or TR-490 (ratchet style) hand tools.



Barrel Crimp (Electrical)

## Specifications

Wire Size:  
 Barrel Seam:  
 Max. Current:  
 Terminal Material:  
 Plating:

See Table Above  
 Brazed  
 Same as Wire  
 ETP Copper  
 Tin

## 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 terminal line shall offer tongue variations in hole (stud) size (6, 8 10, etc.) and configuration (ring, fork, block fork, flanged block fork, locking fork, etc.): and barrel variations in wire (AWG) size (22-18, 16-14, 12-10, etc.) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated with insulation grip, etc.). The terminal line shall have regulatory agency coverage (UL Listing, CSA Certification). The terminal tongue shall be marked with the wire range and manufacturer's symbol (↑).

The non-insulated, brazed seam block fork terminal shall be tin-plated, annealed copper, with the tongue having a specified stud slot (size 4 thru 10) and a brazed seam barrel with a beveled I.D. for ease of stranded wire entry, sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

Non-insulated terminals shall be UL Listed and CSA Certified.

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Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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