

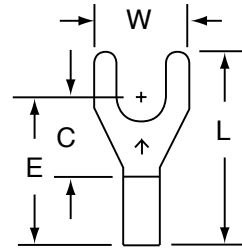


Data Sheet

3M Specialty Terminals

TSNI-R6 thru TSNI-Y10

Standard Fork, Non-Insulated, Brazed Seam



Product Number	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.
TSNI-R6	22-18	6	0.34	0.29	0.70	0.54	0.030	0.25	0.070
TSNI-R8	22-18	8	0.34	0.29	0.70	0.54	0.030	0.25	0.070
TSNI-R10	22-18	10	0.34	0.29	0.70	0.54	0.030	0.25	0.070
TSNI-B6	16-14	6	0.34	0.29	0.70	0.54	0.030	0.25	0.090
TSNI-B8	16-14	8	0.34	0.29	0.70	0.54	0.030	0.25	0.090
TSNI-B10	16-14	10	0.34	0.29	0.70	0.54	0.030	0.25	0.090
TSNI-Y6	12-10	6	0.38	0.29	0.73	0.54	0.040	0.25	0.135
TSNI-Y8	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135
TSNI-Y10	12-10	10	0.38	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.

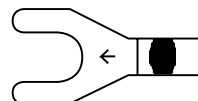
UL Listed and CSA Certified for use on stranded copper (AWG) wire only.


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.

Specifications

Wire Size:	See Table Above
Barrel Seam:	Brazed
Max. Current:	Same as Wire
Terminal Material:	ETP Copper
Plating:	Tin



 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 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 standard fork terminal shall be tin-plated, annealed copper, with the tongue having a specified stud slot (size 6 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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